

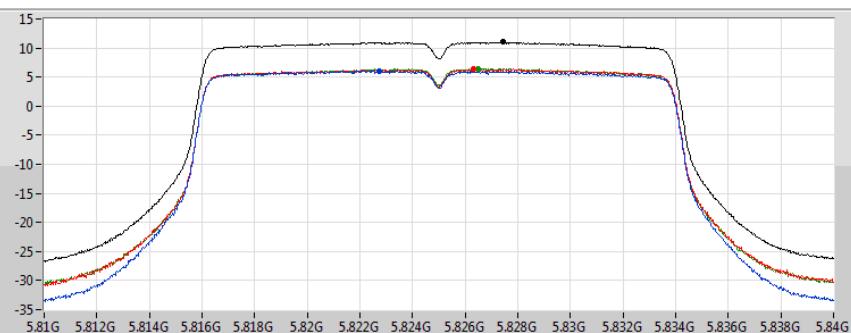


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

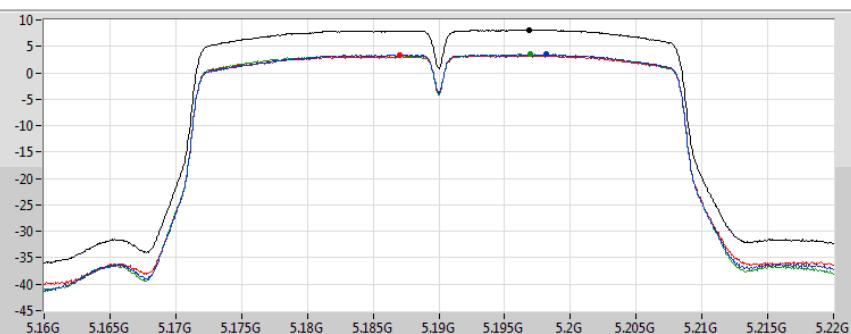
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	6.07	6.35	6.49

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

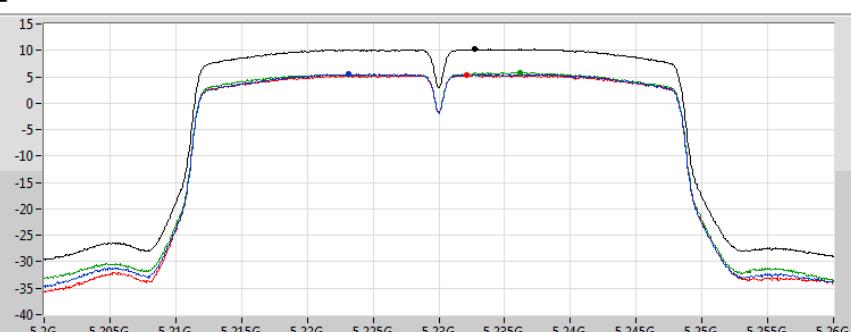
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	3.46	3.25	3.51

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	5.57	5.34	5.79

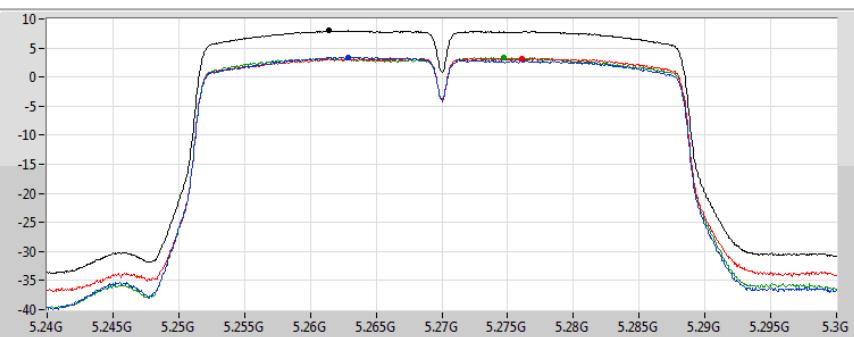


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

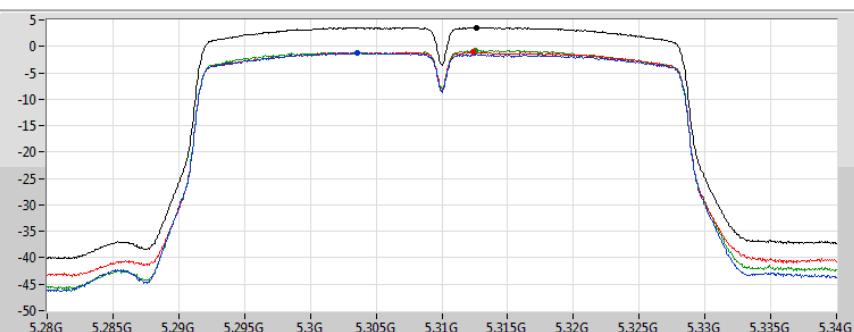
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	3.42	3.22	3.38

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

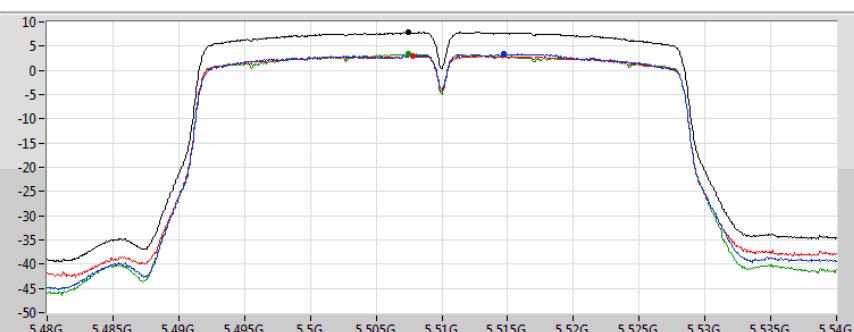
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	-1.19	-1.10	-0.77

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	3.34	2.99	3.34

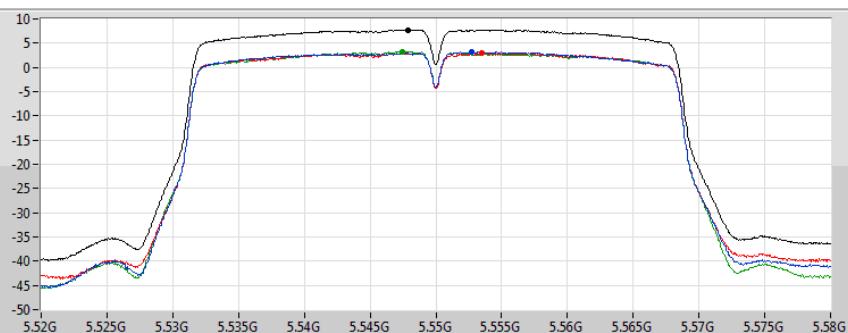


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

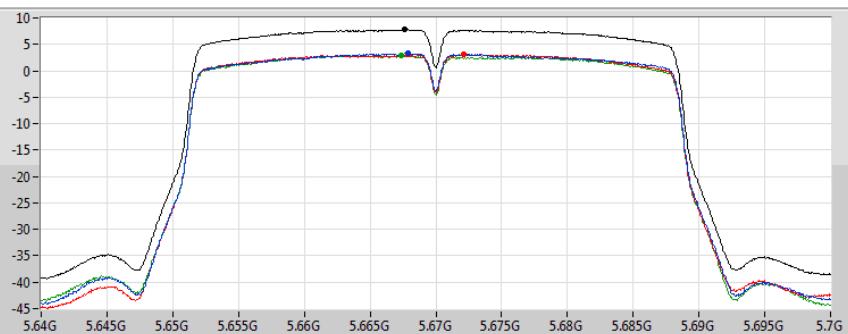
7.76 7.76 3.18 2.92 3.29

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

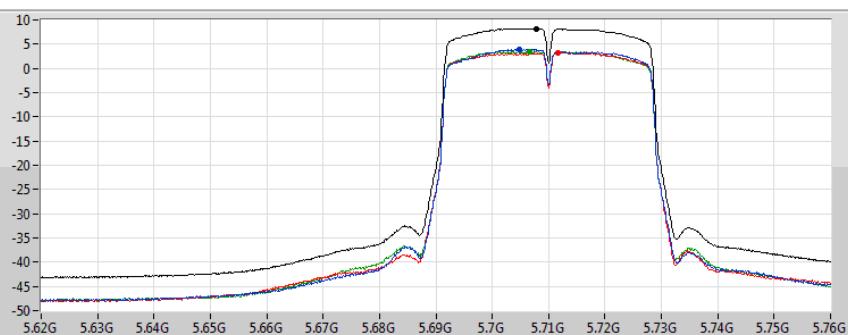
7.77 7.77 3.38 3.09 2.81

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

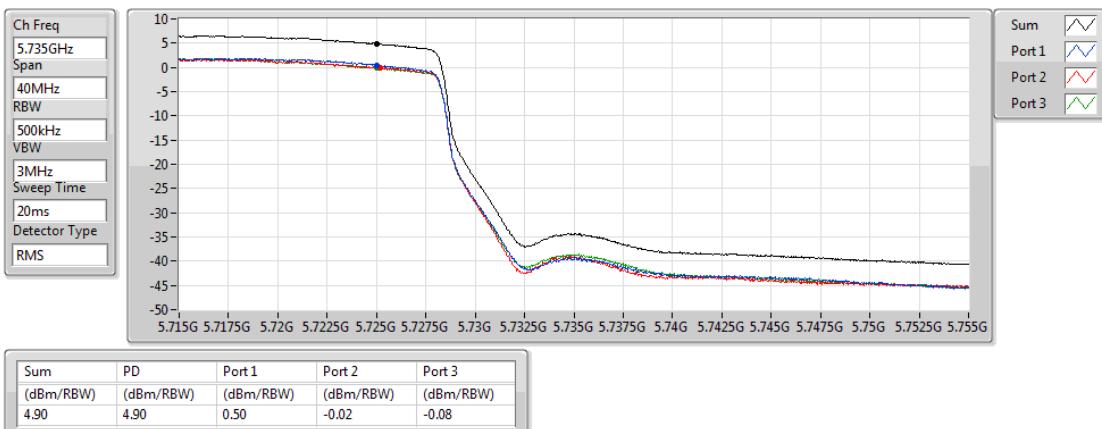
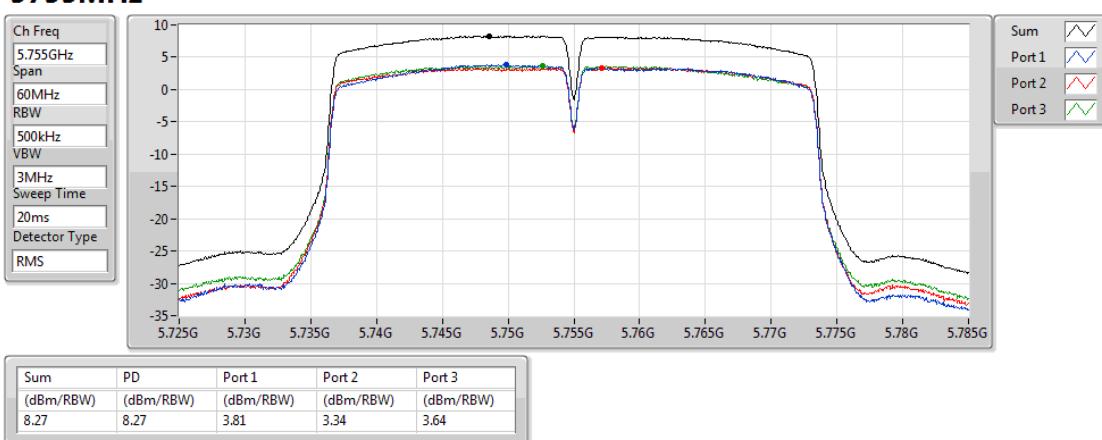
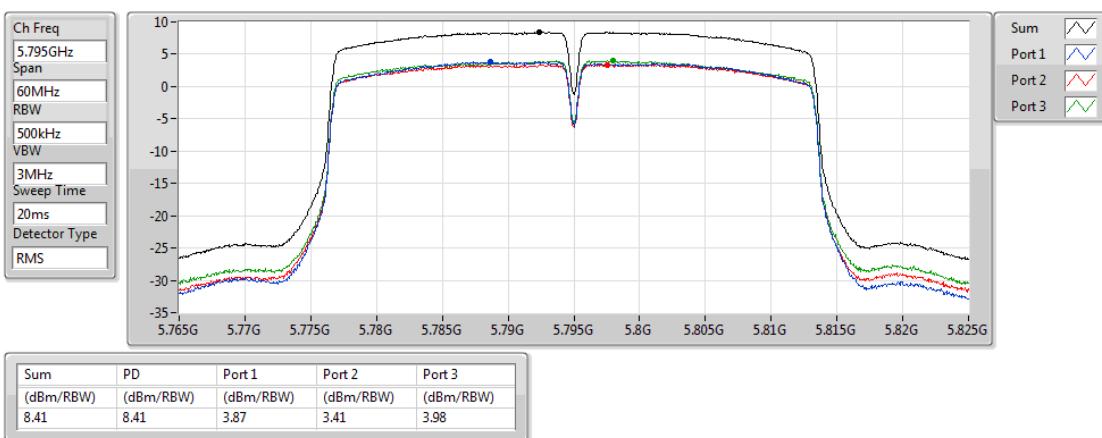


Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

8.22 8.22 3.98 3.23 3.44

**802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_3TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_3TX
5795MHz****PSD**

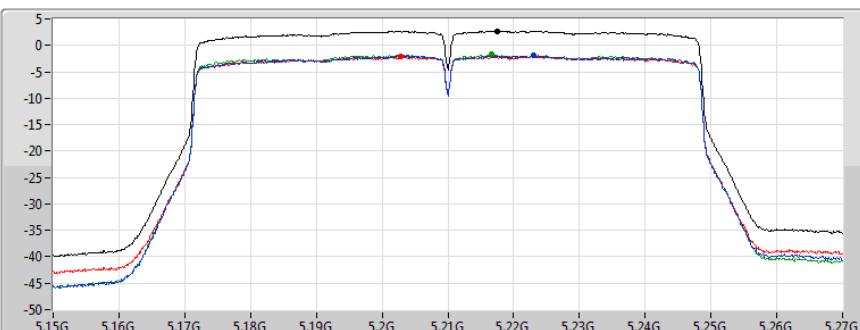


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

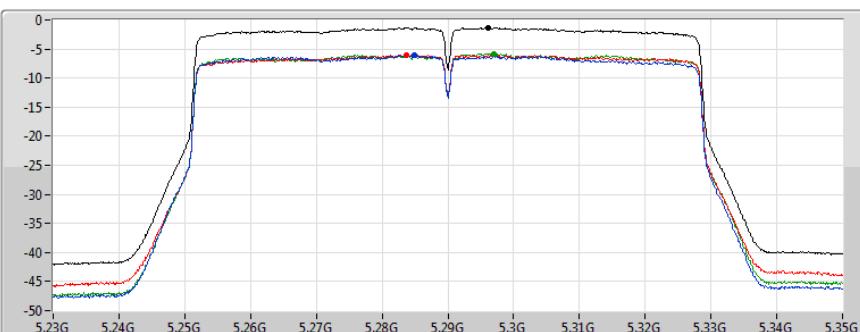
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	-1.84	-2.14	-1.73

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

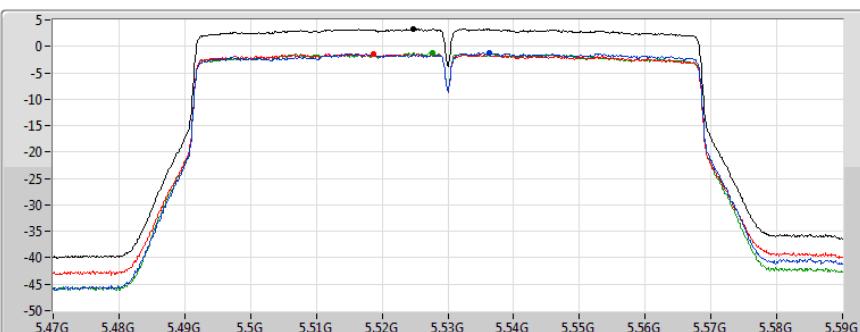
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.33	-1.33	-6.01	-5.97	-5.78

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	-1.21	-1.44	-1.15

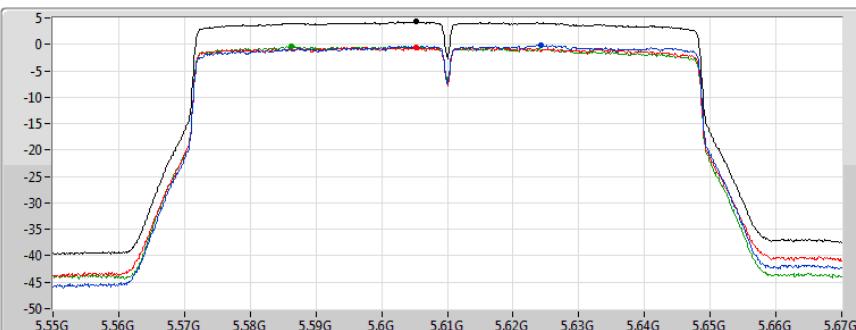


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



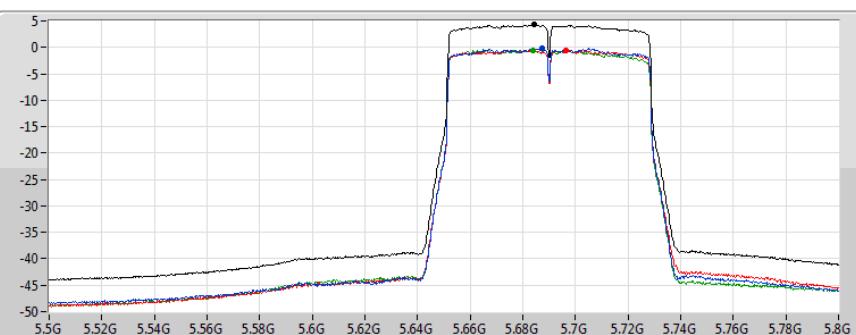
Sum
Port 1
Port 2
Port 3

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



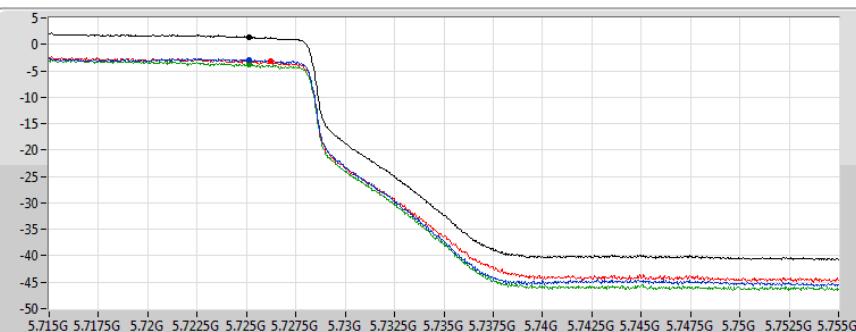
Sum
Port 1
Port 2
Port 3

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.31	4.31	-0.19	-0.49	-0.28

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.27	4.27	-0.14	-0.50	-0.48

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.41	1.41	-2.92	-3.25	-3.86

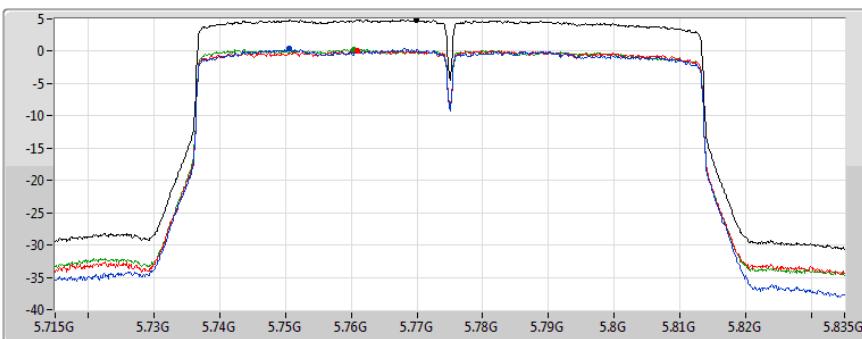


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	0.38	0.11	0.31



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.99
5.25-5.35GHz	10.96
5.47-5.725GHz	10.95
5.725-5.85GHz	11.44
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	10.50
5.25-5.35GHz	8.28
5.47-5.725GHz	8.37
5.725-5.85GHz	10.02
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	6.02
5.25-5.35GHz	0.57
5.47-5.725GHz	4.97
5.725-5.85GHz	7.00

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	8.21	8.32	8.14	12.89	17.00
5200MHz	Pass	5.80	8.40	8.24	8.27	12.99	17.00
5240MHz	Pass	5.80	8.51	8.23	8.01	12.92	17.00
5260MHz	Pass	5.80	6.24	6.12	6.20	10.86	11.00
5300MHz	Pass	5.80	6.63	6.16	6.09	10.92	11.00
5320MHz	Pass	5.80	6.67	6.33	5.95	10.96	11.00
5500MHz	Pass	5.80	6.40	6.49	6.02	10.95	11.00
5580MHz	Pass	5.80	6.16	6.06	5.85	10.70	11.00
5700MHz	Pass	5.80	6.16	6.64	5.92	10.91	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	5.49	5.86	5.42	10.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	3.43	3.20	3.35	8.03	30.00
5745MHz	Pass	5.80	6.91	6.68	6.44	11.37	30.00
5785MHz	Pass	5.80	6.93	6.79	6.71	11.44	30.00
5825MHz	Pass	5.80	6.92	6.53	6.52	11.34	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.80	5.02	4.73	4.53	9.47	17.00
5230MHz	Pass	5.80	6.15	5.73	5.39	10.50	17.00
5270MHz	Pass	5.80	3.57	3.64	3.69	8.28	11.00
5310MHz	Pass	5.80	0.96	0.47	0.68	5.34	11.00
5510MHz	Pass	5.80	3.81	3.97	3.40	8.37	11.00
5550MHz	Pass	5.80	3.72	3.72	3.38	8.24	11.00
5670MHz	Pass	5.80	3.28	3.86	3.49	8.22	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	3.41	3.94	3.31	8.19	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.80	-0.40	0.18	-0.49	4.51	30.00
5755MHz	Pass	5.80	5.59	5.56	4.96	9.93	30.00
5795MHz	Pass	5.80	5.42	5.58	5.09	10.02	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.80	1.59	1.48	1.08	6.02	17.00
5290MHz	Pass	5.80	-3.77	-4.05	-4.23	0.57	11.00
5530MHz	Pass	5.80	-0.37	-0.44	-0.67	4.07	11.00
5610MHz	Pass	5.80	0.35	0.52	0.19	4.97	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	-0.31	0.36	-0.39	4.45	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.80	-3.25	-2.19	-2.80	2.03	30.00
5775MHz	Pass	5.80	2.54	2.58	2.06	7.00	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

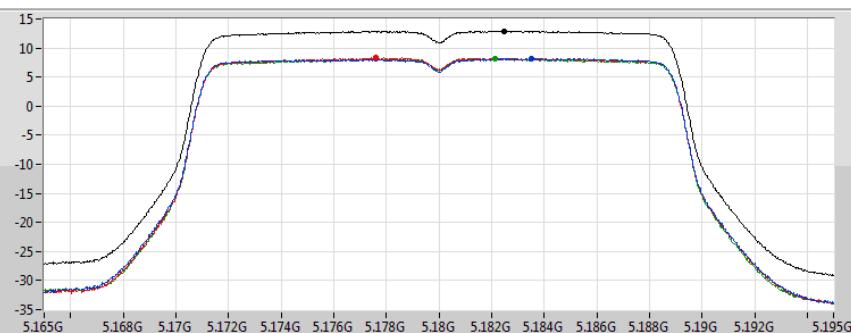


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



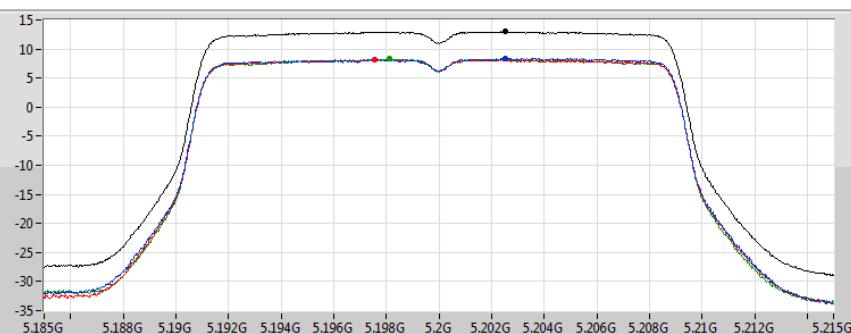
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.89	12.89	8.21	8.32	8.14

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



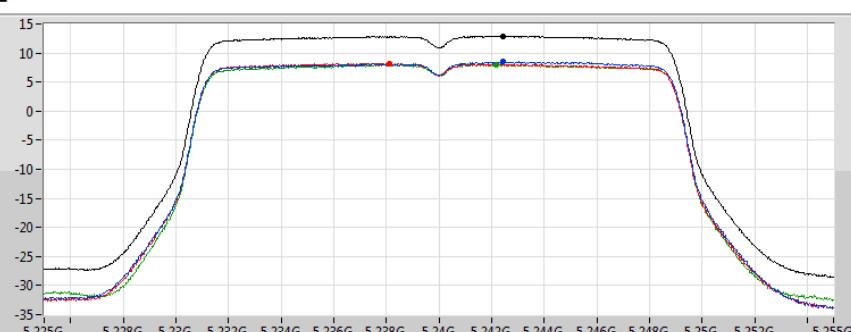
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	8.40	8.24	8.27

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.92	12.92	8.51	8.23	8.01

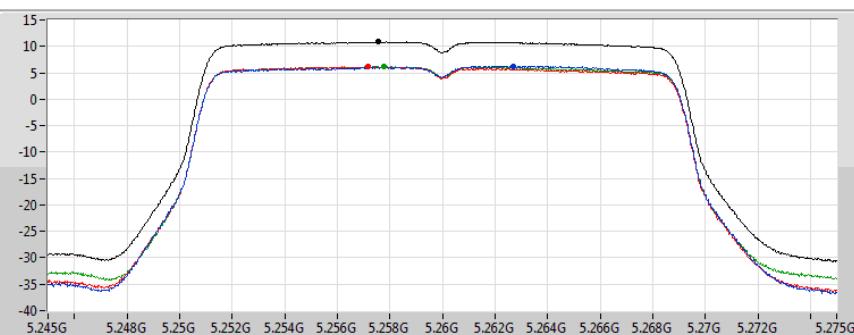


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



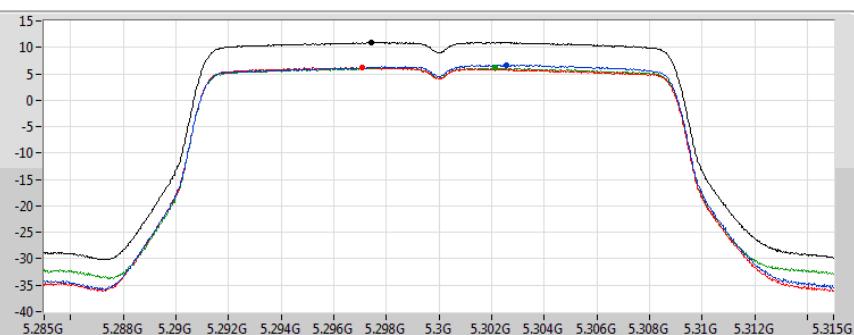
Sum
Port 1
Port 2
Port 3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



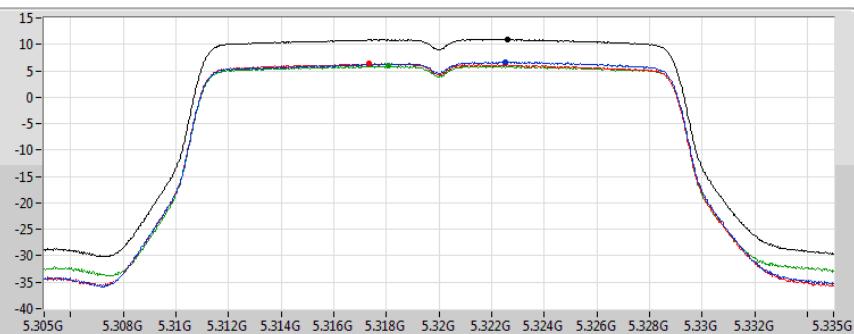
Sum
Port 1
Port 2
Port 3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	6.24	6.12	6.20

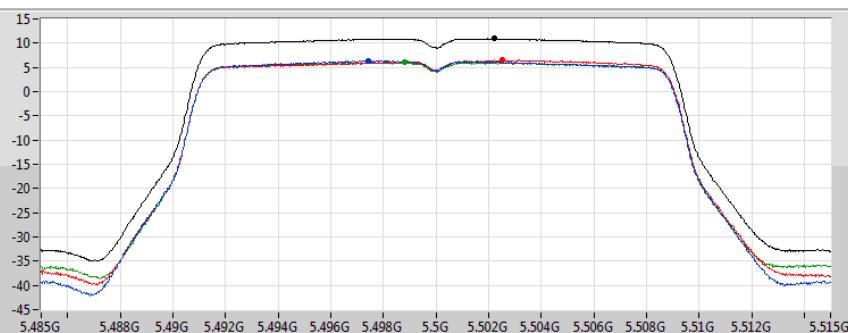


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



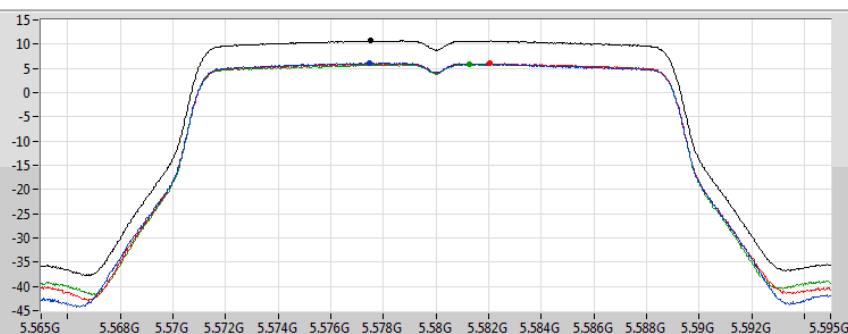
Sum
Port 1
Port 2
Port 3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



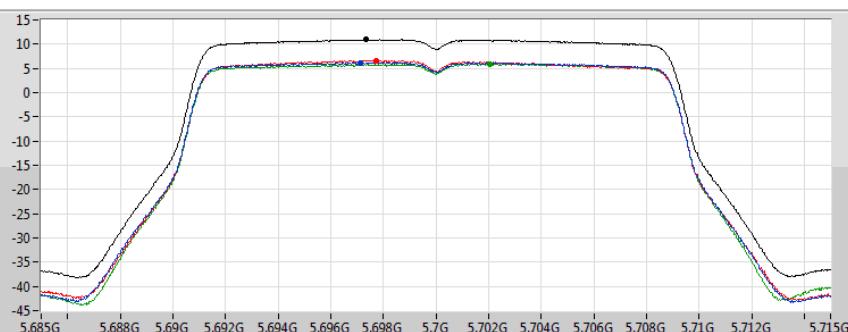
Sum
Port 1
Port 2
Port 3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

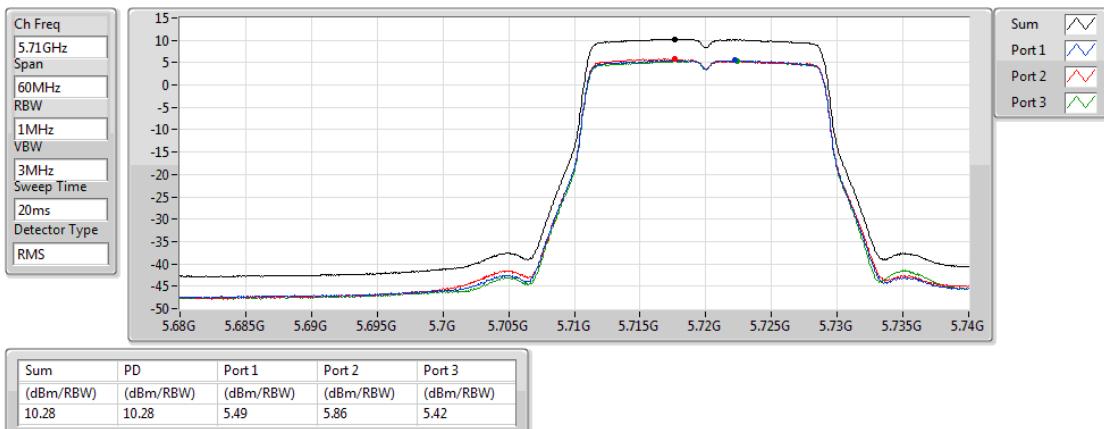
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	6.40	6.49	6.02



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

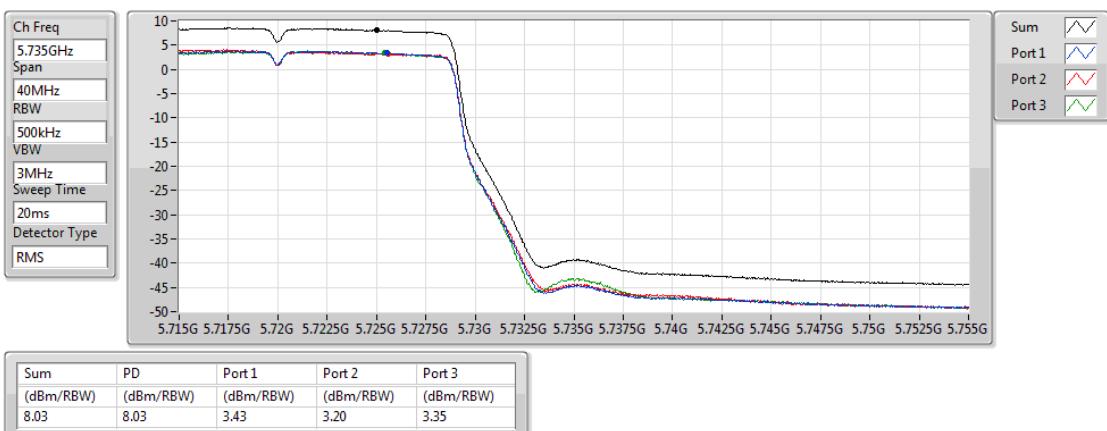
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

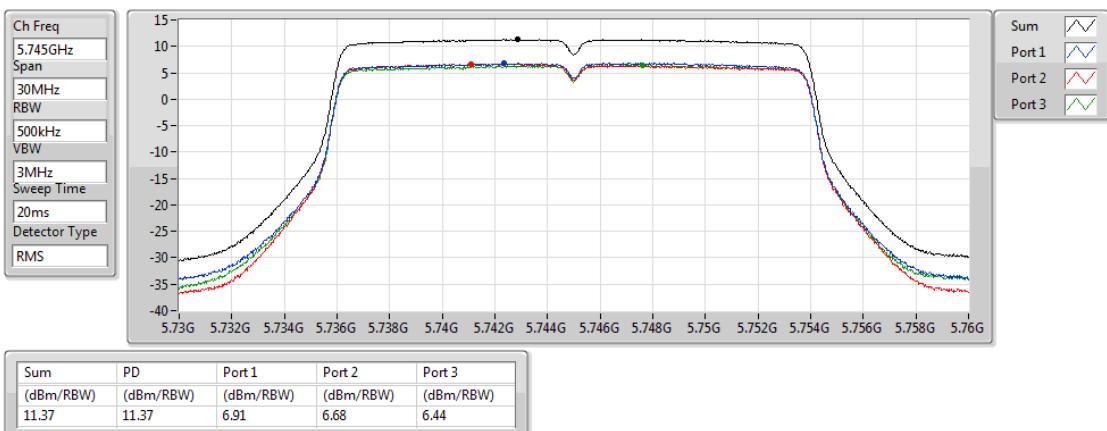
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5745MHz



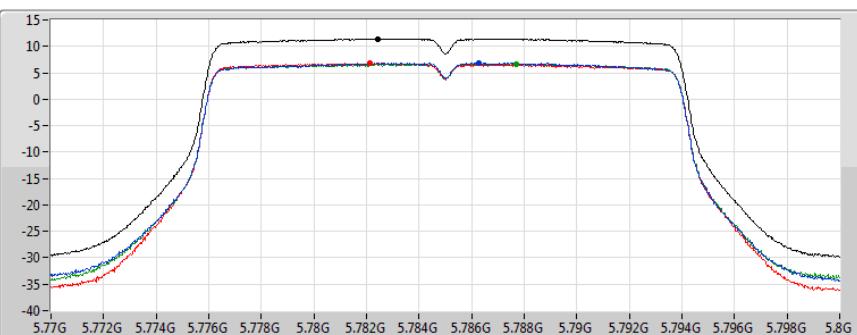


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

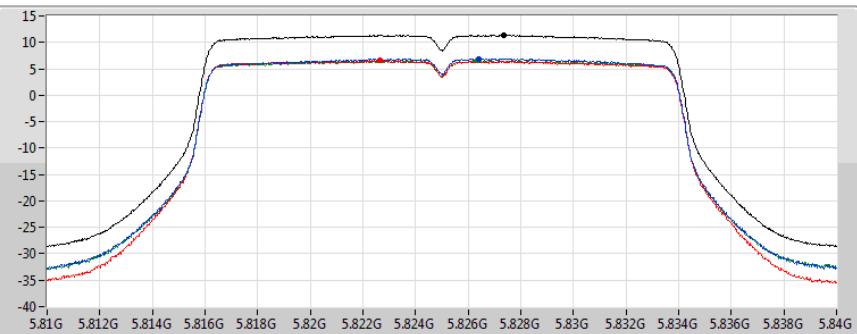
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	6.93	6.79	6.71

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

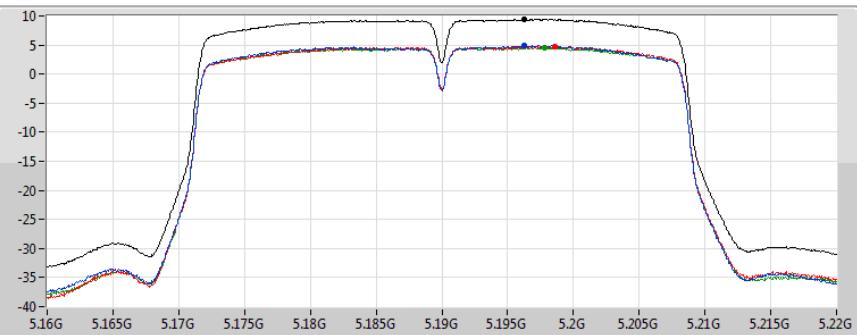
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.34	11.34	6.92	6.53	6.52

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.47	9.47	5.02	4.73	4.53

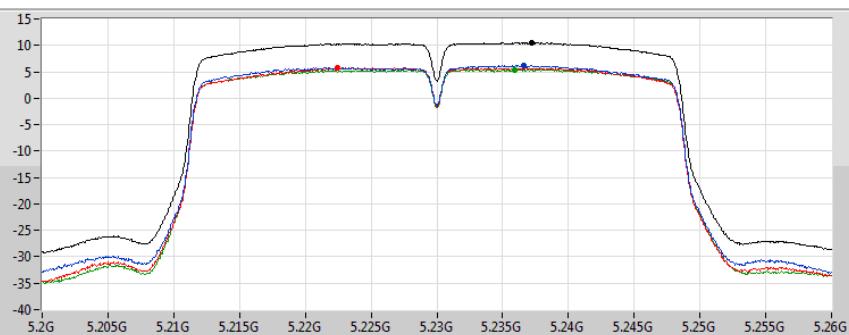


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

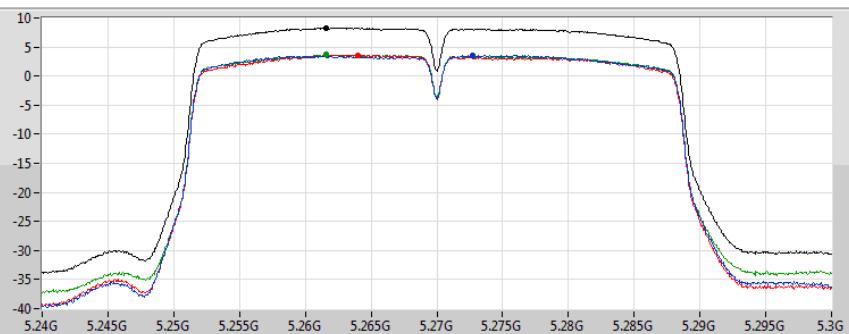
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	6.15	5.73	5.39

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

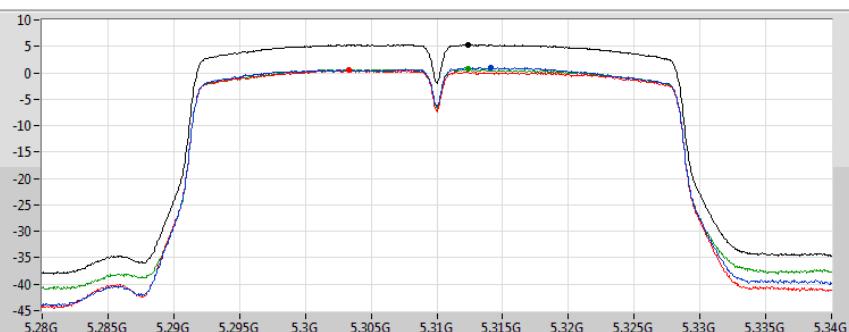
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	3.57	3.64	3.69

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	0.96	0.47	0.68

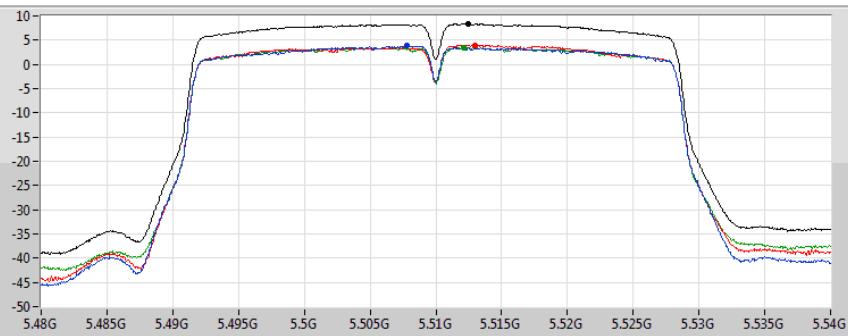


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

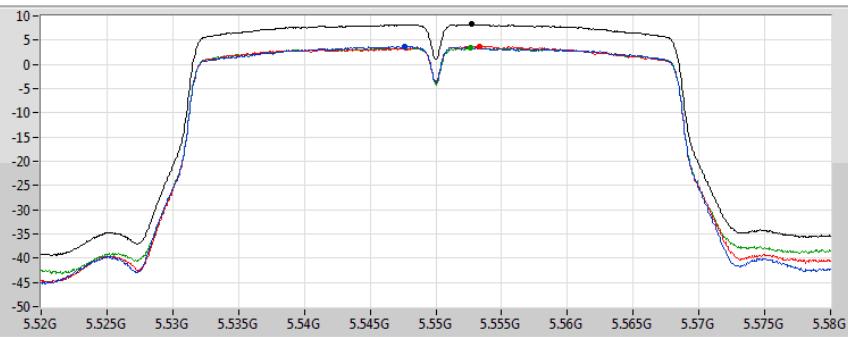
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	3.81	3.97	3.40

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

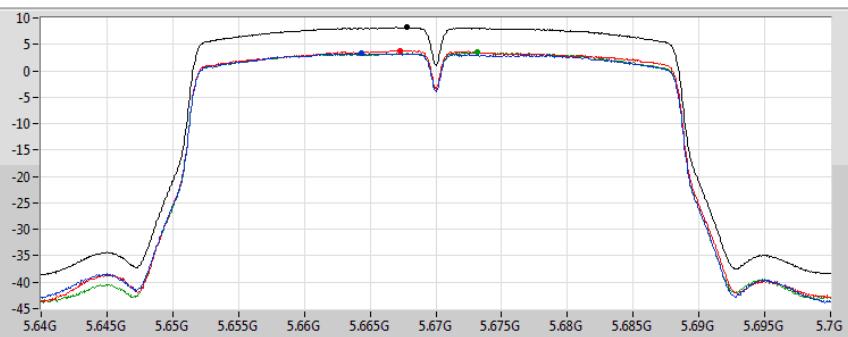
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	3.72	3.72	3.38

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

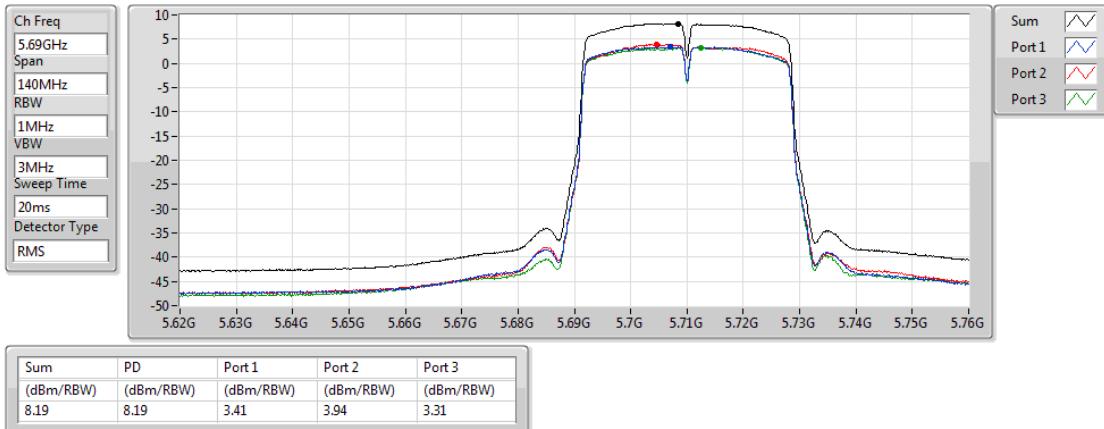
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	3.28	3.86	3.49



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

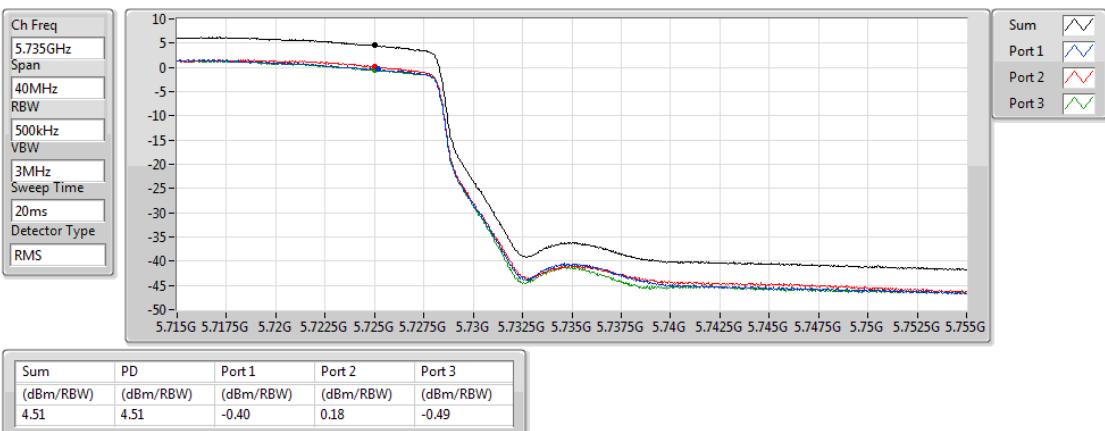
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

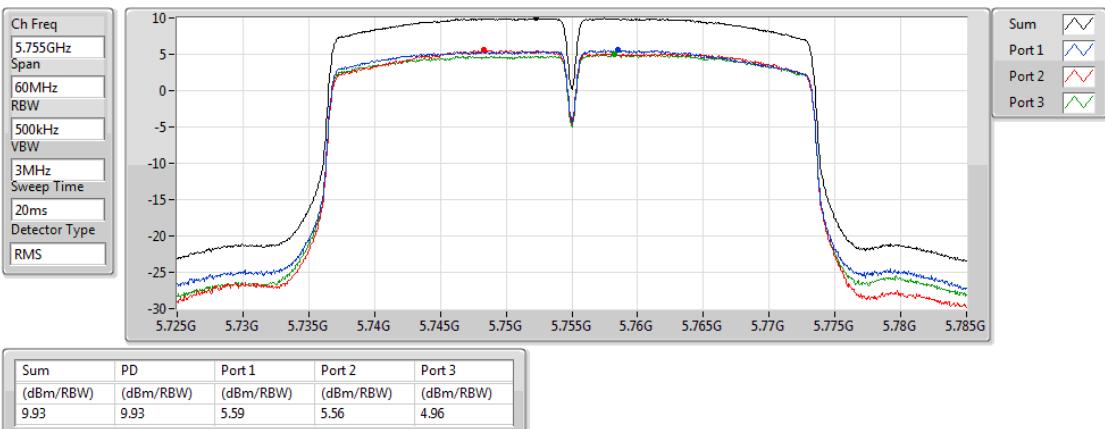
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5755MHz



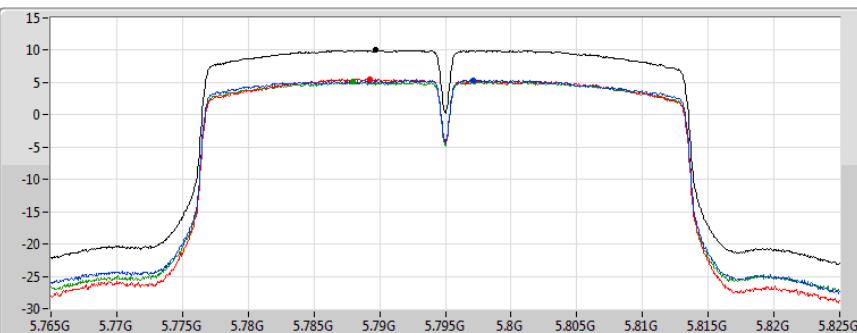


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

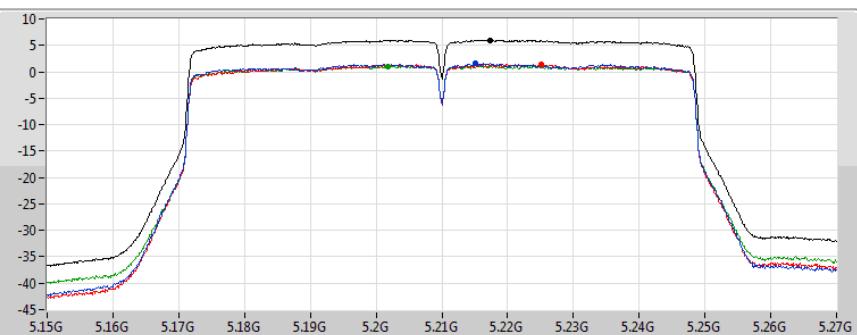
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	5.42	5.58	5.09

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

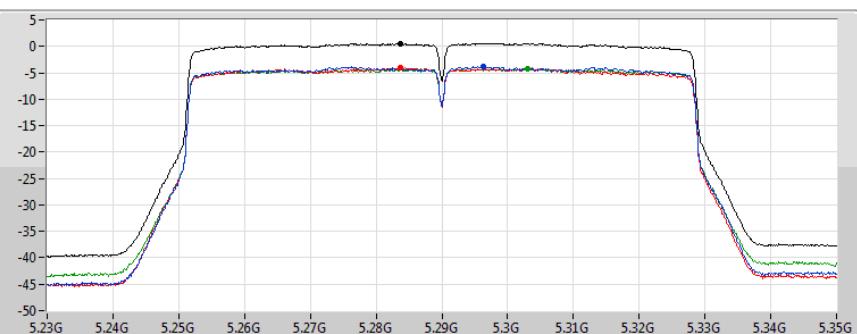
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	1.59	1.48	1.08

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	-3.77	-4.05	-4.23

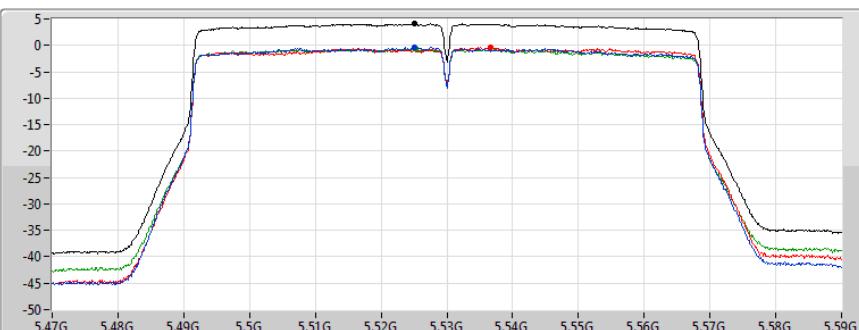


802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum

PD

Port 1

Port 2

Port 3

(dBm/RBW)

(dBm/RBW)

(dBm/RBW)

(dBm/RBW)

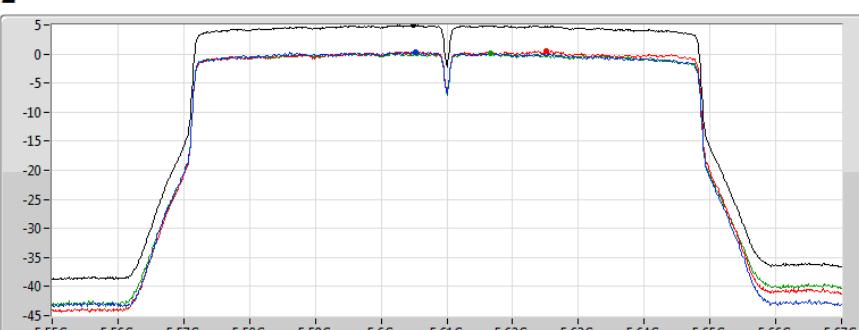
(dBm/RBW)

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum

PD

Port 1

Port 2

Port 3

(dBm/RBW)

(dBm/RBW)

(dBm/RBW)

(dBm/RBW)

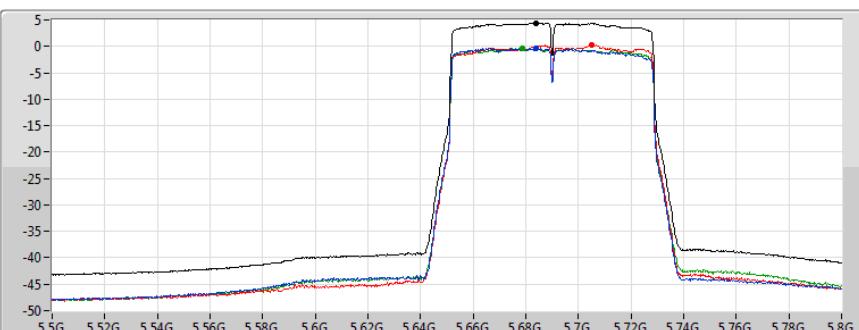
(dBm/RBW)

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum

PD

Port 1

Port 2

Port 3

(dBm/RBW)

(dBm/RBW)

(dBm/RBW)

(dBm/RBW)

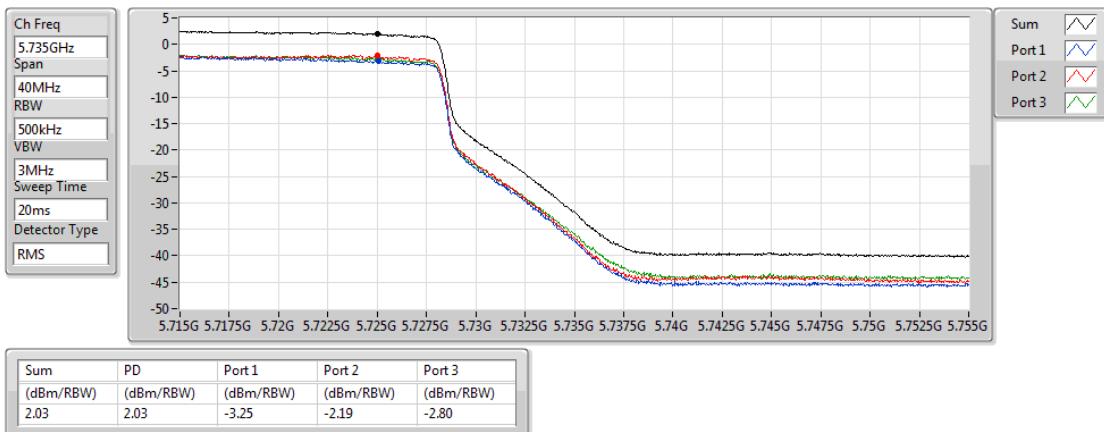
(dBm/RBW)



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

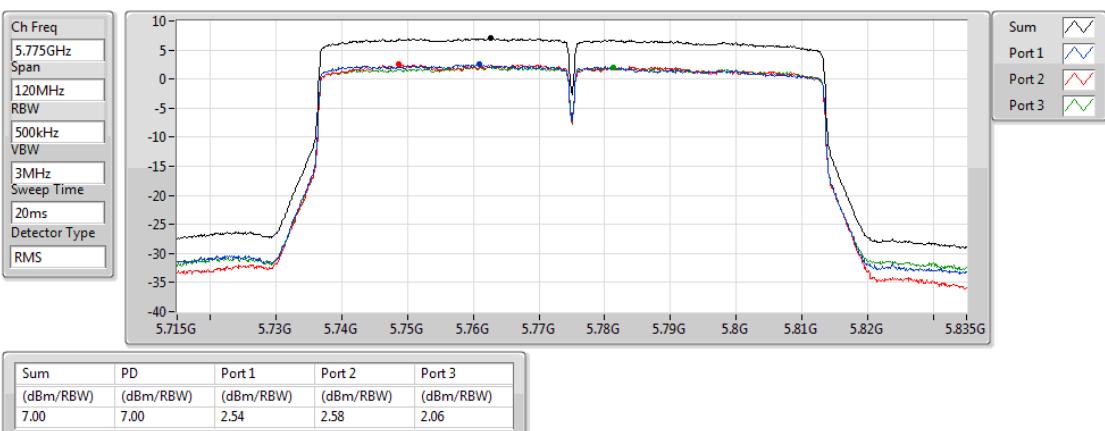
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5775MHz





For Set 6 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	7.75
5.25-5.35GHz	7.90
5.47-5.725GHz	8.64
5.725-5.85GHz	7.40
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	8.32
5.25-5.35GHz	8.48
5.47-5.725GHz	9.28
5.725-5.85GHz	7.41
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	4.74
5.25-5.35GHz	4.73
5.47-5.725GHz	5.69
5.725-5.85GHz	3.40
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.76
5.25-5.35GHz	1.63
5.47-5.725GHz	2.20
5.725-5.85GHz	0.17

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.75	7.69	7.69	17.00
5200MHz	Pass	2.75	7.75	7.75	17.00
5240MHz	Pass	2.75	7.75	7.75	17.00
5260MHz	Pass	2.75	7.90	7.90	11.00
5300MHz	Pass	2.75	7.85	7.85	11.00
5320MHz	Pass	2.75	7.64	7.64	11.00
5500MHz	Pass	2.75	7.85	7.85	11.00
5580MHz	Pass	2.75	7.93	7.93	11.00
5700MHz	Pass	2.75	7.78	7.78	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	8.64	8.64	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	7.40	7.40	30.00
5745MHz	Pass	2.75	6.33	6.33	30.00
5785MHz	Pass	2.75	6.30	6.30	30.00
5825MHz	Pass	2.75	5.96	5.96	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.75	8.31	8.31	17.00
5200MHz	Pass	2.75	8.31	8.31	17.00
5240MHz	Pass	2.75	8.32	8.32	17.00
5260MHz	Pass	2.75	8.48	8.48	11.00
5300MHz	Pass	2.75	8.34	8.34	11.00
5320MHz	Pass	2.75	8.31	8.31	11.00
5500MHz	Pass	2.75	8.36	8.36	11.00
5580MHz	Pass	2.75	8.36	8.36	11.00
5700MHz	Pass	2.75	8.24	8.24	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	9.28	9.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	7.41	7.41	30.00
5745MHz	Pass	2.75	6.75	6.75	30.00
5785MHz	Pass	2.75	6.58	6.58	30.00
5825MHz	Pass	2.75	6.61	6.61	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.75	4.30	4.30	17.00
5230MHz	Pass	2.75	4.74	4.74	17.00
5270MHz	Pass	2.75	4.73	4.73	11.00
5310MHz	Pass	2.75	3.37	3.37	11.00
5510MHz	Pass	2.75	5.10	5.10	11.00
5550MHz	Pass	2.75	4.92	4.92	11.00
5670MHz	Pass	2.75	5.43	5.43	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.75	5.69	5.69	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.75	2.54	2.54	30.00
5755MHz	Pass	2.75	3.40	3.40	30.00
5795MHz	Pass	2.75	3.23	3.23	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	2.75	1.76	1.76	17.00
5290MHz	Pass	2.75	1.63	1.63	11.00
5530MHz	Pass	2.75	2.20	2.20	11.00
5610MHz	Pass	2.75	1.65	1.65	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.75	1.99	1.99	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.75	-1.70	-1.70	30.00
5775MHz	Pass	2.75	0.17	0.17	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

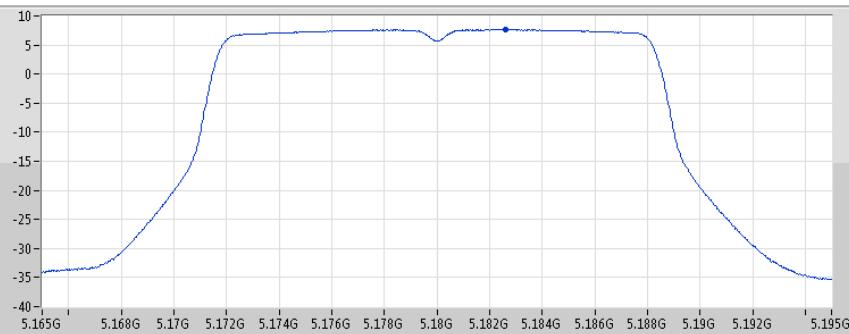


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



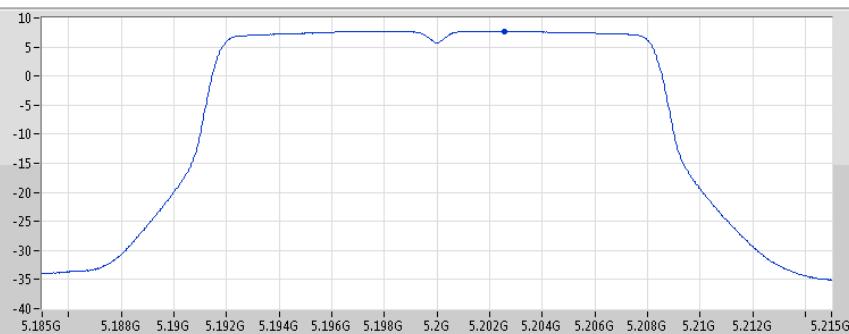
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



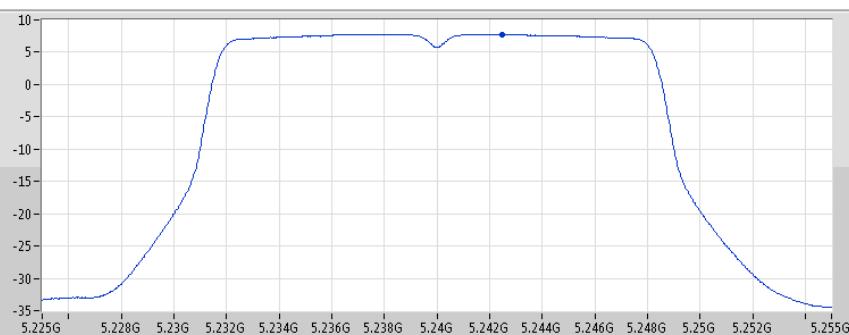
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

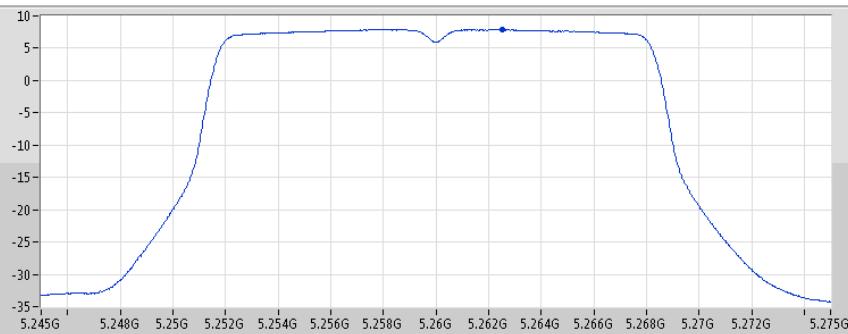


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

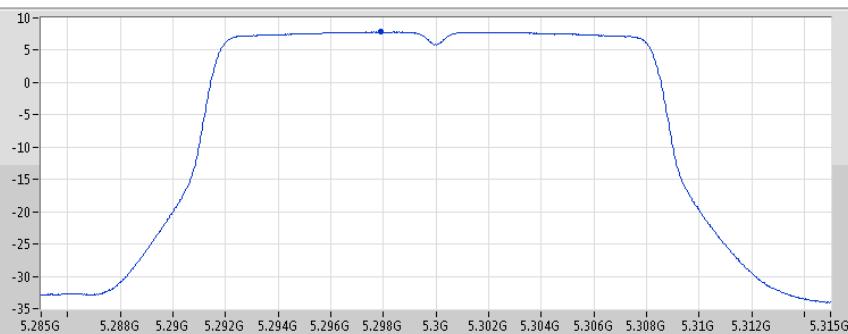
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	7.90

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

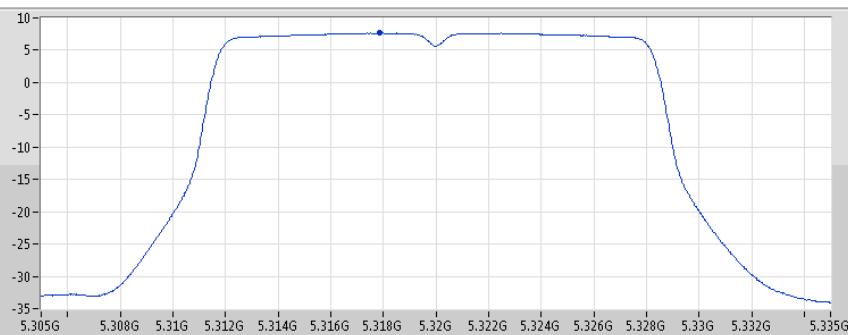
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11a_(6Mbps)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS

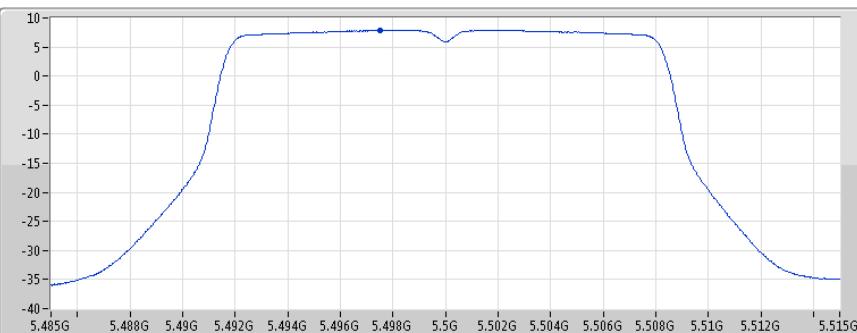


Sum PD Port 1

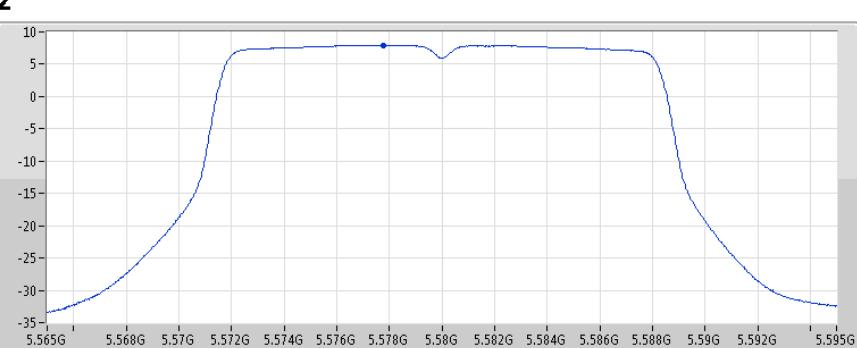
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	7.64

**802.11a_(6Mbps)_1TX****PSD****5500MHz**

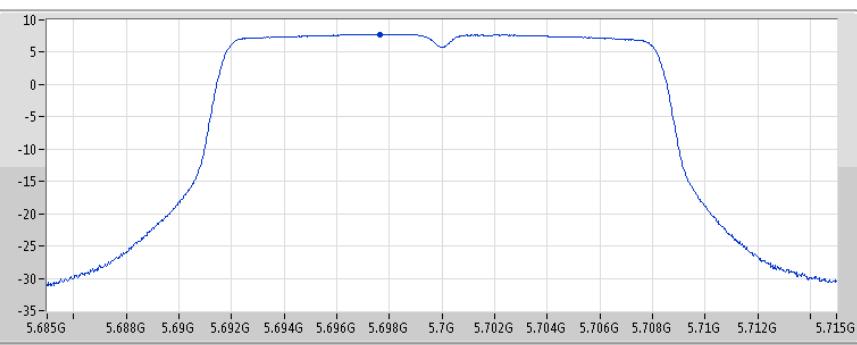
Ch Freq	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5580MHz**

Ch Freq	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5700MHz**

Ch Freq	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS



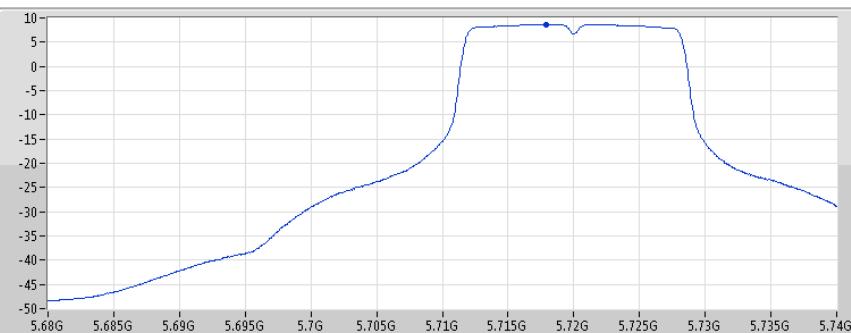


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

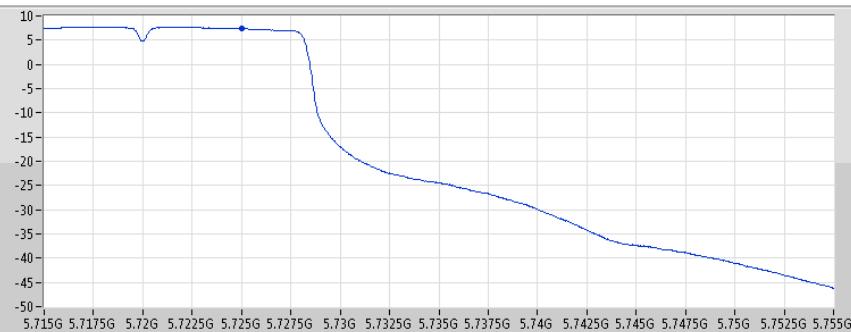
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	8.64

802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

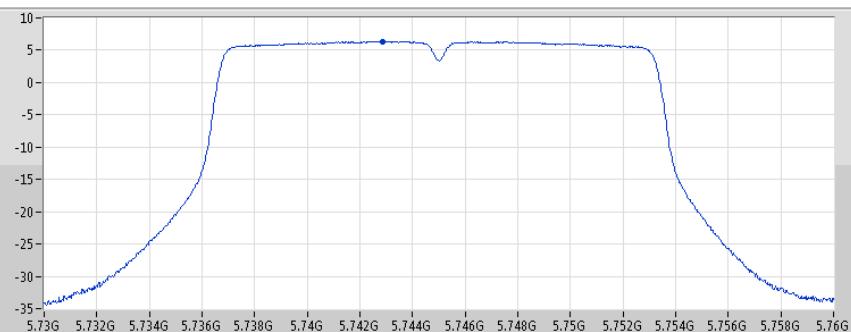
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	7.40

802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS

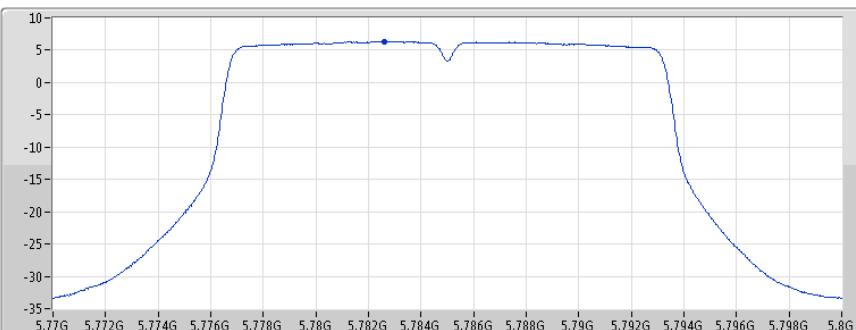


Sum PD Port 1

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.33	6.33	6.33

**802.11a_(6Mbps)_1TX****PSD****5785MHz**

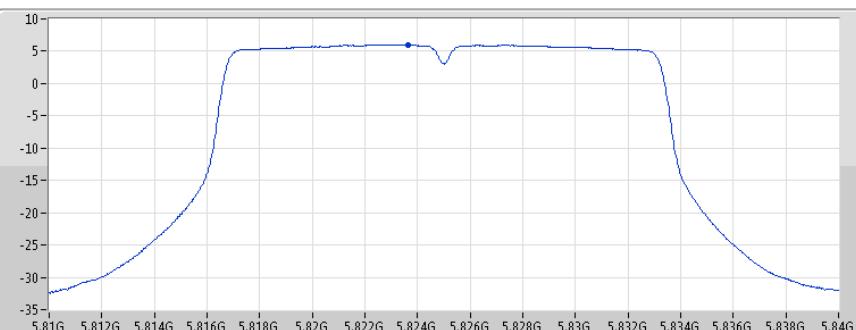
Ch Freq	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.30	6.30	6.30

802.11a_(6Mbps)_1TX**PSD****5825MHz**

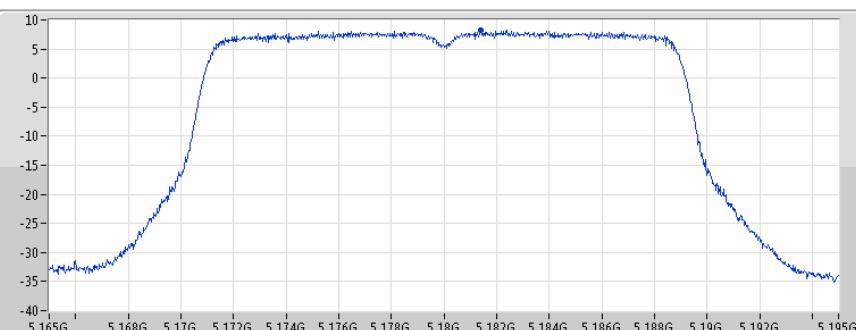
Ch Freq	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	5.96

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5180MHz**

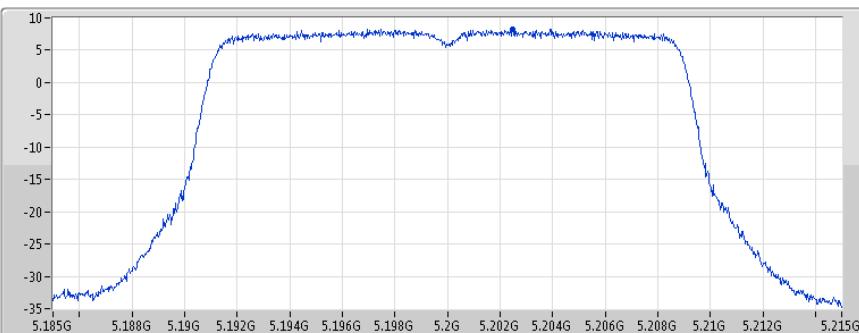
Ch Freq	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5200MHz**

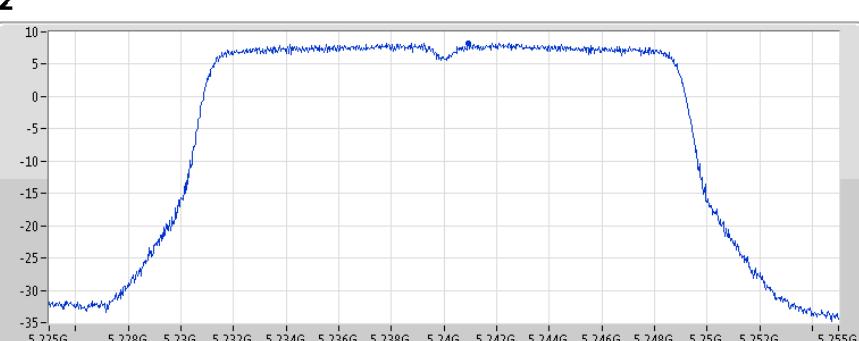
Ch Freq	5.2GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5240MHz**

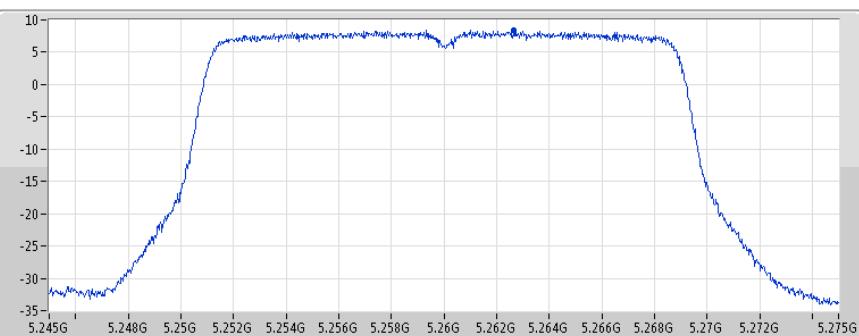
Ch Freq	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5260MHz**

Ch Freq	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Port 1

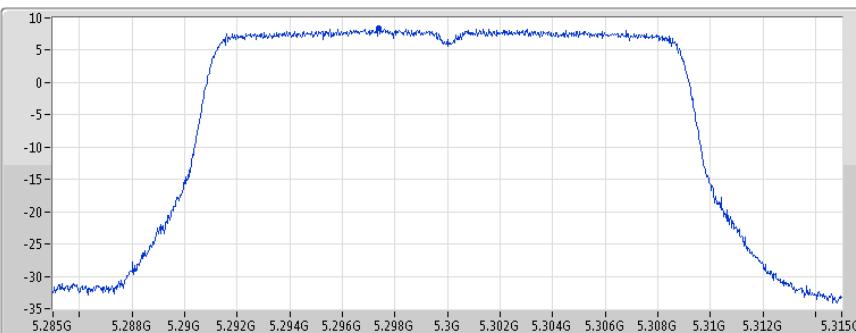


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



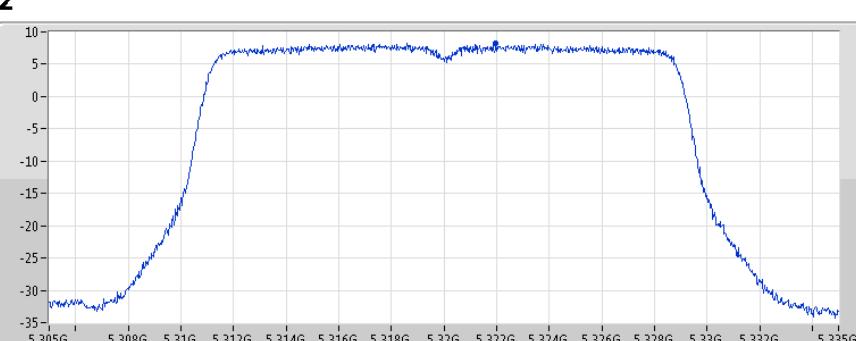
Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



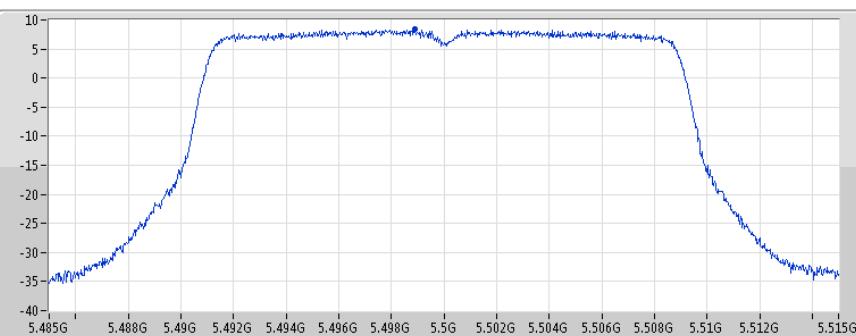
Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

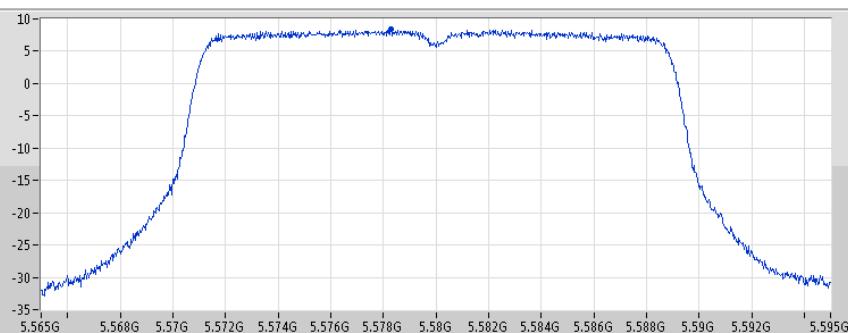


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



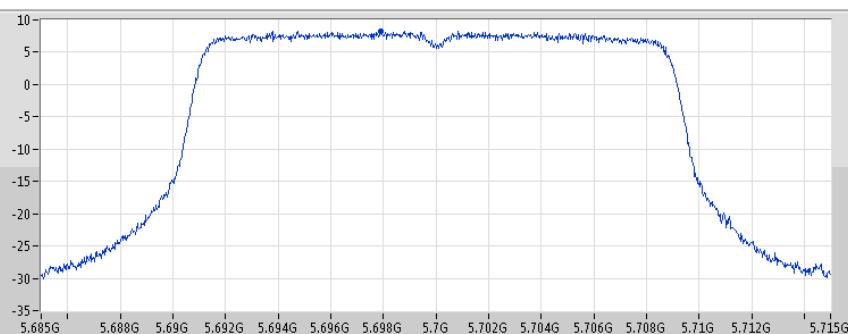
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	8.36

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



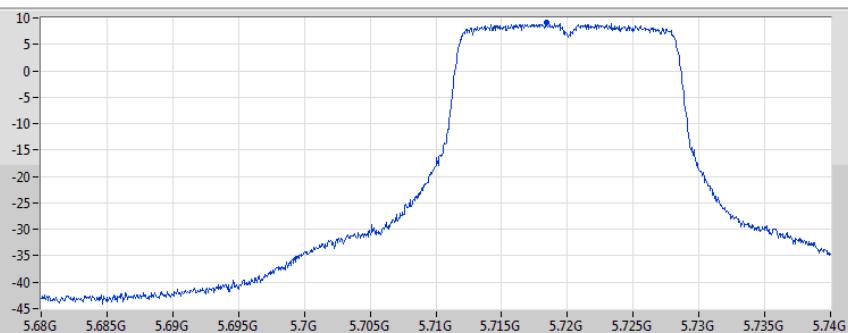
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	8.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

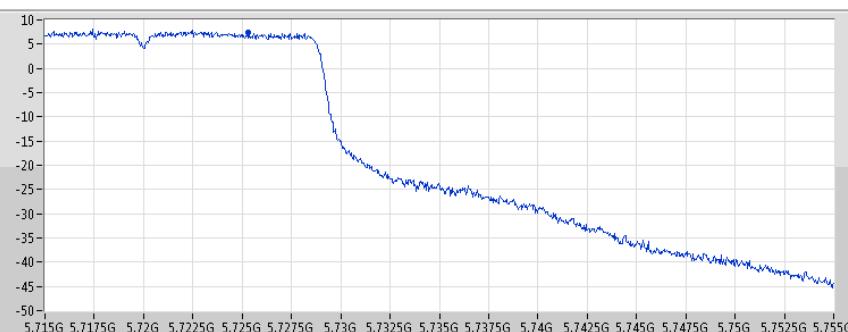
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	9.24

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

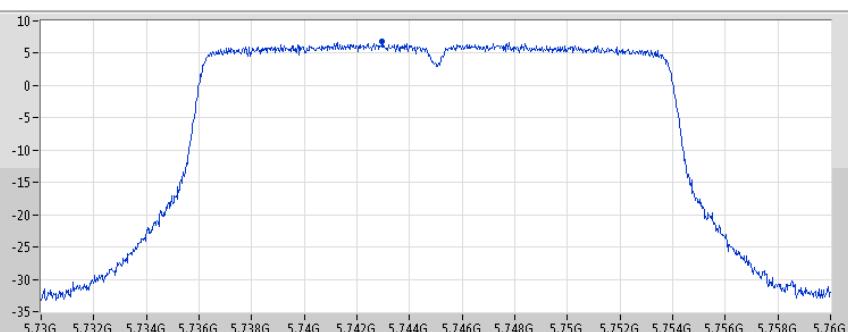
Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	7.41

**802.11ac VHT20_Nss1,(MCS0)_1TX
5745MHz****PSD**

Ch Freq	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	6.75

**802.11ac VHT20_Nss1,(MCS0)_1TX
5785MHz****PSD**

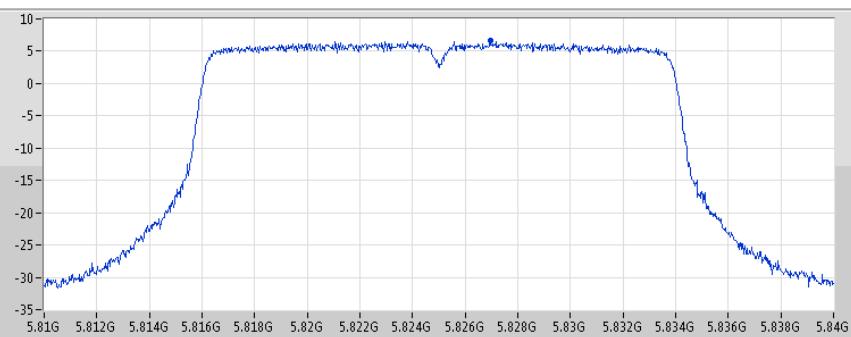
Ch Freq	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	1.01ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	6.58

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

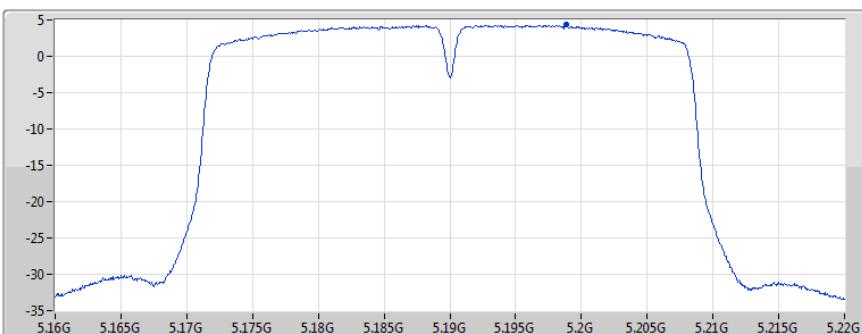
Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	6.61

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

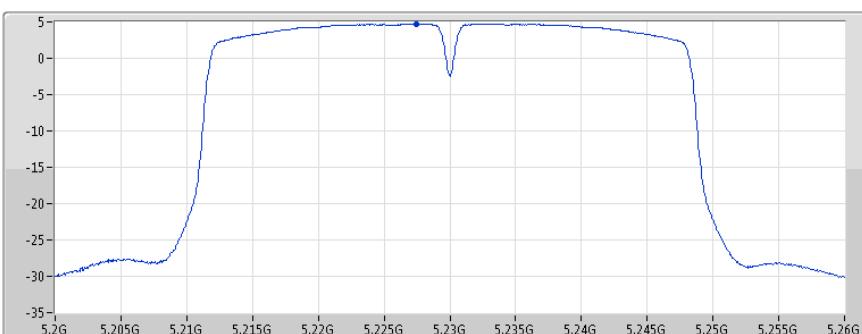
Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.30	4.30	4.30

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	4.74

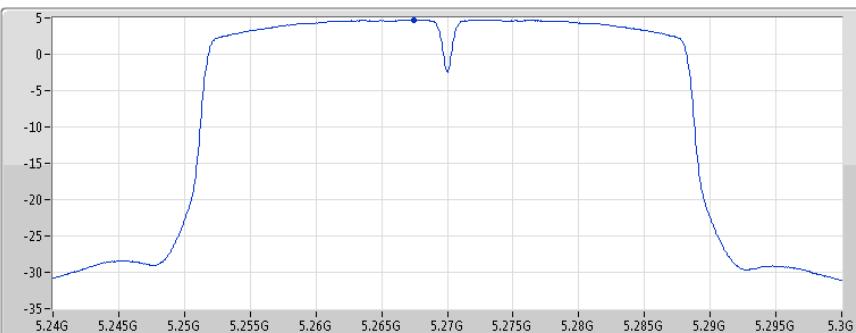


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	4.73

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

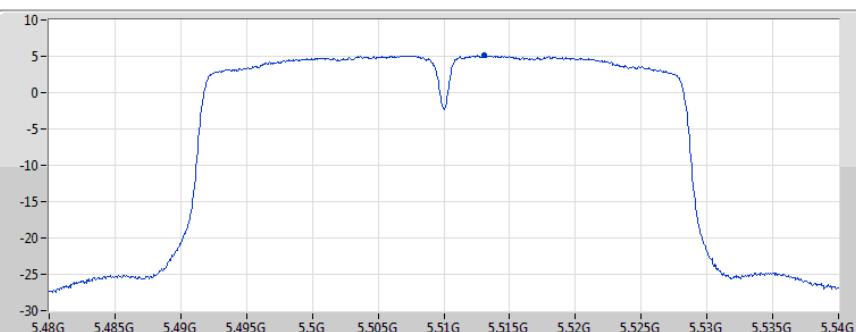
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	3.37

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	5.10

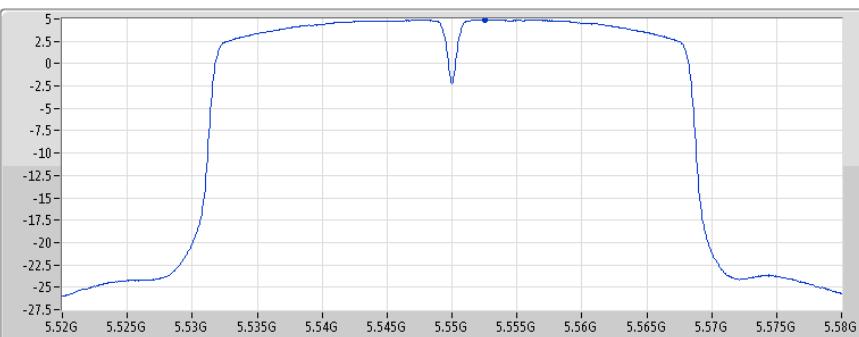


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



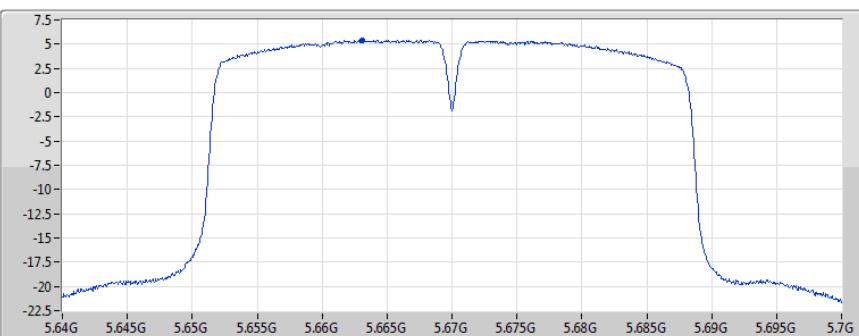
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



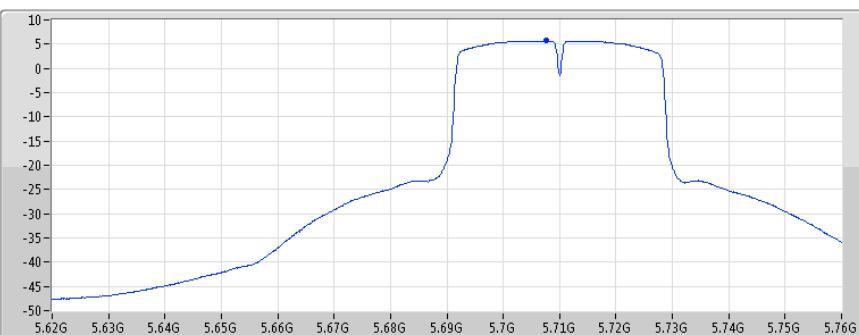
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.43	5.43	5.43

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

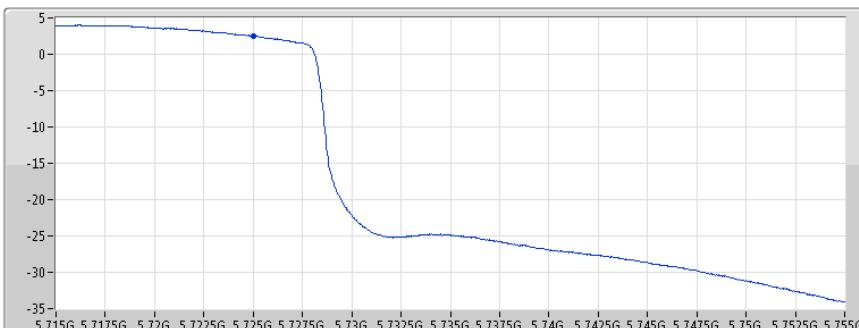
Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69

**802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS

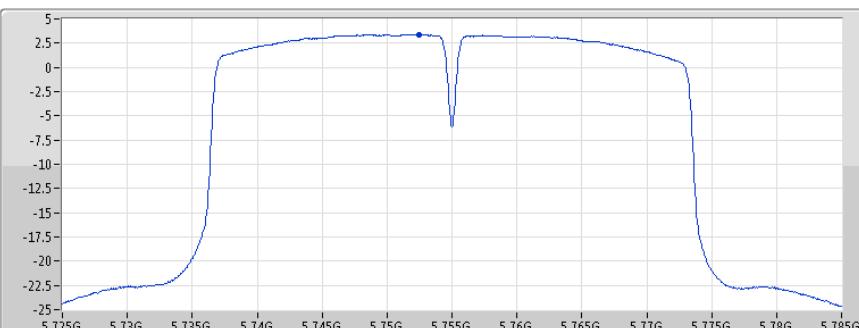


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	2.54

**802.11ac VHT40_Nss1,(MCS0)_1TX
5755MHz****PSD**

Ch Freq	5.755GHz
Span	60MHz
RBW	500kHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS

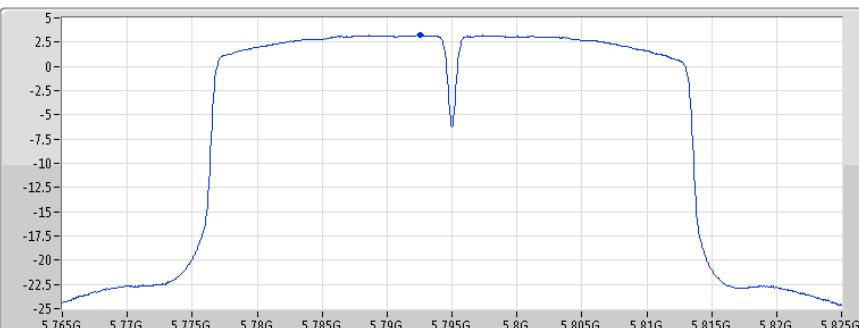


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	3.40

**802.11ac VHT40_Nss1,(MCS0)_1TX
5795MHz****PSD**

Ch Freq	5.795GHz
Span	60MHz
RBW	500kHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	3.23

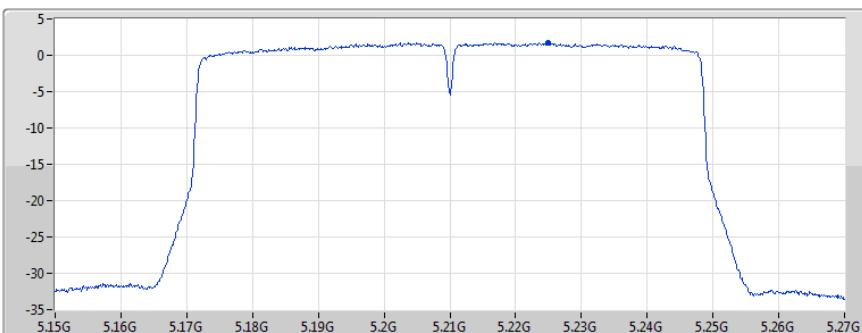


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



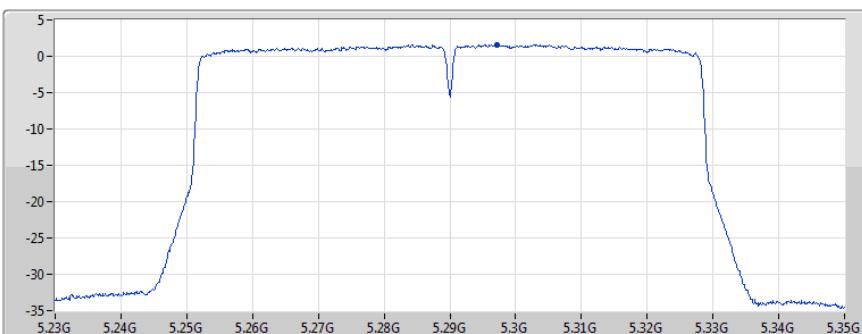
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.76	1.76	1.76

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



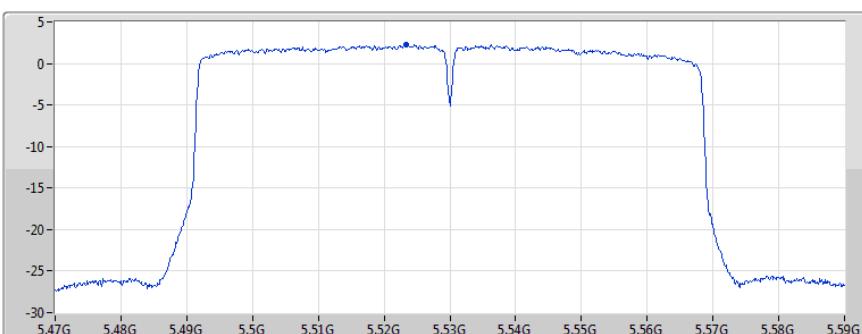
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.63	1.63	1.63

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

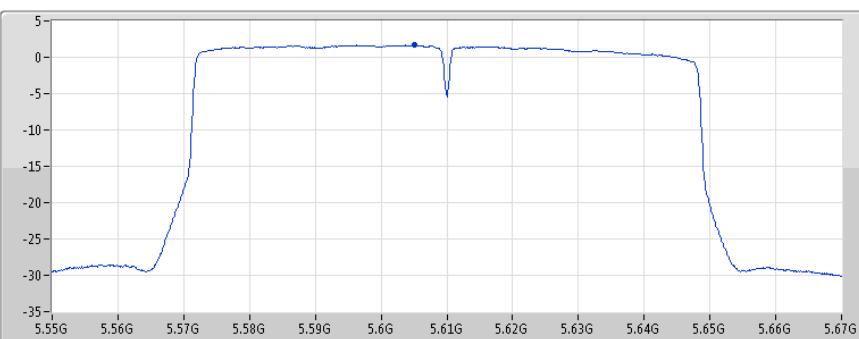
Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	2.20

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

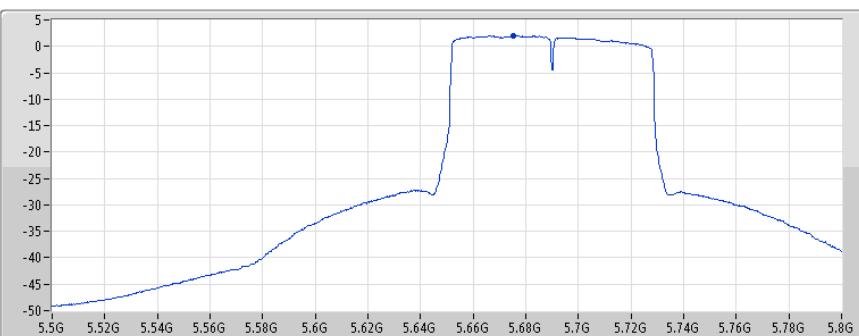
Ch Freq	5.61GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	12.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	1.65

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.47-5.725GHz**

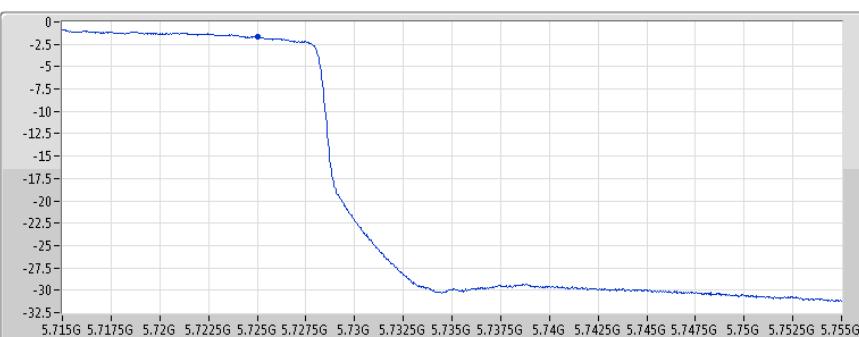
Ch Freq	5.65GHz
Span	300MHz
RBW	1MHz
VBW	3MHz
Sweep Time	12.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.99	1.99	1.99

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.725-5.85GHz**

Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	12.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-1.70

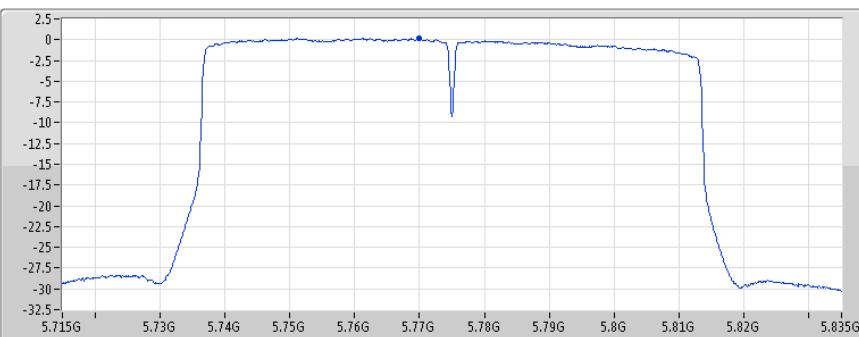


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	0.17



For Set 6 antennas / 2TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	11.11
5.25-5.35GHz	10.93
5.47-5.725GHz	10.84
5.725-5.85GHz	9.29
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	10.96
5.25-5.35GHz	10.94
5.47-5.725GHz	10.79
5.725-5.85GHz	9.11
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.39
5.25-5.35GHz	8.15
5.47-5.725GHz	8.26
5.725-5.85GHz	6.61
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	4.67
5.25-5.35GHz	0.02
5.47-5.725GHz	4.70
5.725-5.85GHz	3.15

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.70	8.17	8.09	11.11	17.00
5200MHz	Pass	3.70	8.27	8.04	11.10	17.00
5240MHz	Pass	3.70	8.19	7.85	11.00	17.00
5260MHz	Pass	3.70	8.01	7.86	10.93	11.00
5300MHz	Pass	3.70	7.98	7.82	10.88	11.00
5320MHz	Pass	3.70	8.15	7.73	10.88	11.00
5500MHz	Pass	3.70	7.92	7.87	10.84	11.00
5580MHz	Pass	3.70	7.51	7.71	10.59	11.00
5700MHz	Pass	3.70	7.96	7.80	10.82	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	7.99	7.73	10.77	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	5.75	5.80	8.72	30.00
5745MHz	Pass	3.70	6.34	6.16	9.17	30.00
5785MHz	Pass	3.70	6.37	6.28	9.24	30.00
5825MHz	Pass	3.70	6.17	6.48	9.29	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.70	8.02	7.89	10.91	17.00
5200MHz	Pass	3.70	8.09	7.93	10.96	17.00
5240MHz	Pass	3.70	7.96	7.76	10.81	17.00
5260MHz	Pass	3.70	7.96	7.94	10.94	11.00
5300MHz	Pass	3.70	7.89	7.92	10.85	11.00
5320MHz	Pass	3.70	7.88	7.68	10.73	11.00
5500MHz	Pass	3.70	7.92	7.80	10.79	11.00
5580MHz	Pass	3.70	7.57	7.72	10.60	11.00
5700MHz	Pass	3.70	7.91	7.63	10.70	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	7.77	7.59	10.61	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	5.50	5.82	8.64	30.00
5745MHz	Pass	3.70	6.05	6.13	9.00	30.00
5785MHz	Pass	3.70	5.94	6.26	9.04	30.00
5825MHz	Pass	3.70	6.02	6.35	9.11	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.70	5.42	5.32	8.32	17.00
5230MHz	Pass	3.70	5.58	5.23	8.39	17.00
5270MHz	Pass	3.70	5.42	5.10	8.15	11.00
5310MHz	Pass	3.70	2.73	2.69	5.68	11.00
5510MHz	Pass	3.70	5.48	5.08	8.26	11.00
5550MHz	Pass	3.70	5.38	4.96	8.14	11.00
5670MHz	Pass	3.70	5.36	5.08	8.19	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	5.58	4.89	8.18	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	1.97	1.71	4.82	30.00
5755MHz	Pass	3.70	3.83	3.44	6.61	30.00
5795MHz	Pass	3.70	3.82	3.51	6.58	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	3.70	1.80	1.60	4.67	17.00
5290MHz	Pass	3.70	-3.13	-2.82	0.02	11.00
5530MHz	Pass	3.70	1.84	1.71	4.70	11.00
5610MHz	Pass	3.70	1.71	1.64	4.60	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	1.74	1.69	4.69	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	-1.02	-0.83	2.05	30.00
5775MHz	Pass	3.70	0.29	0.12	3.15	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

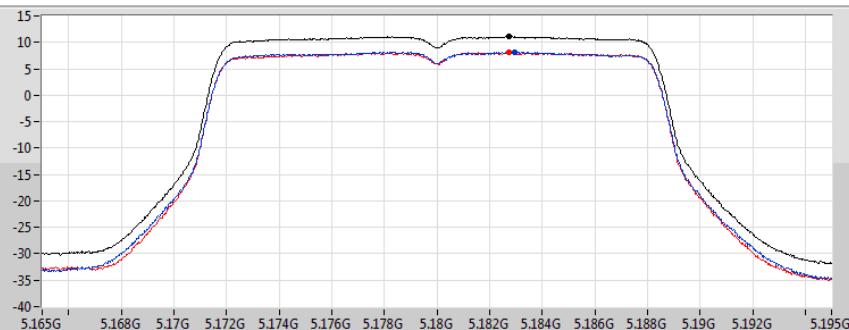


802.11a_(6Mbps)_2TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

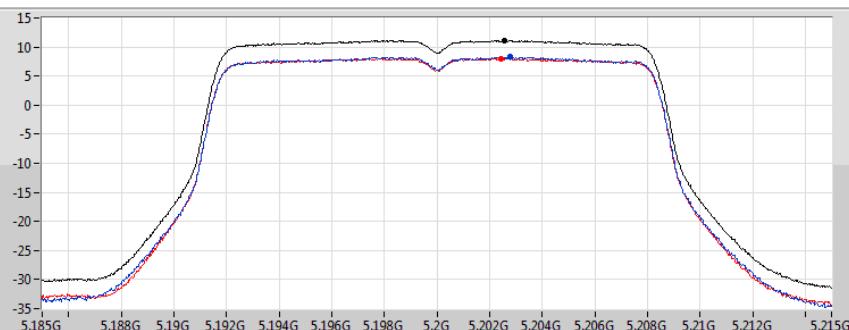
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.11	11.11	8.17	8.09

802.11a_(6Mbps)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

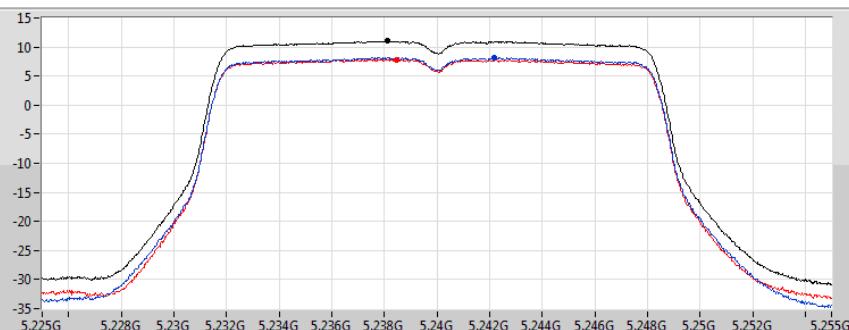
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	8.27	8.04

802.11a_(6Mbps)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	8.19	7.85

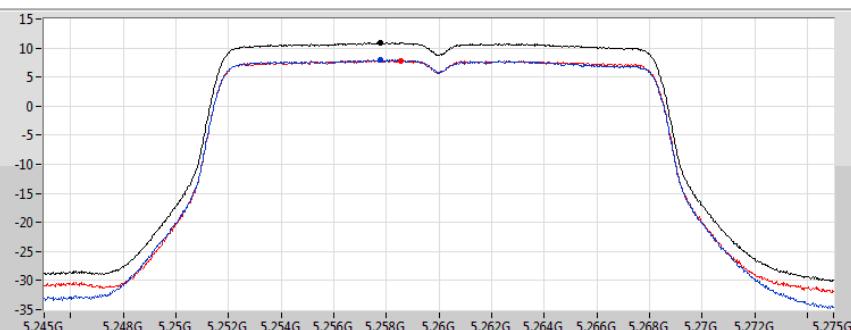


802.11a_(6Mbps)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

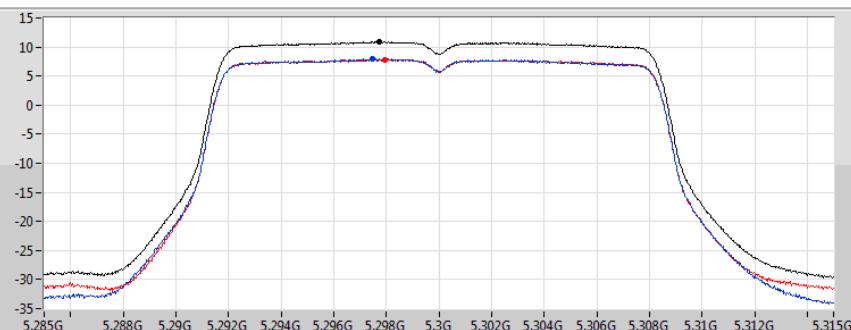
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	8.01	7.86

802.11a_(6Mbps)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

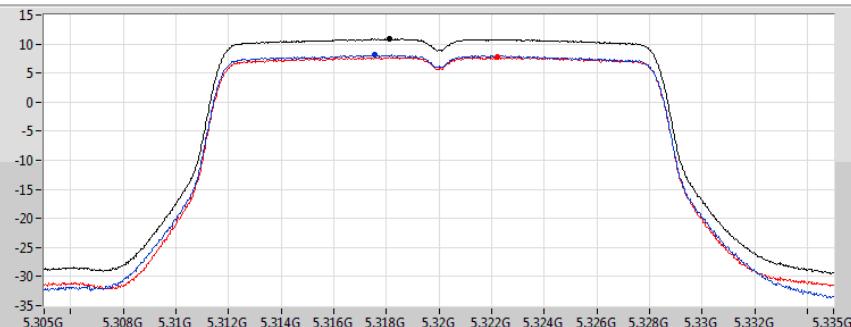
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	7.98	7.82

802.11a_(6Mbps)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	8.15	7.73

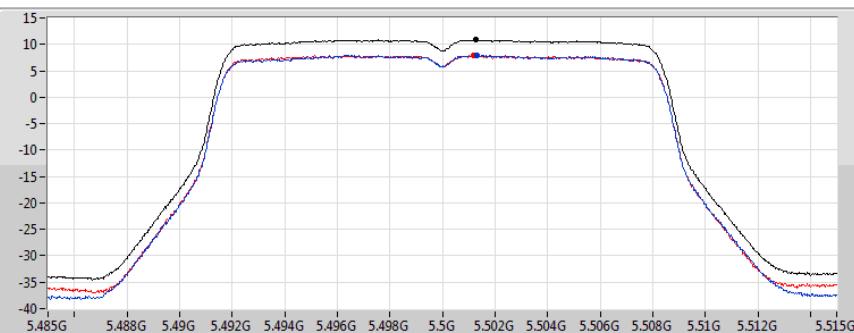


802.11a_(6Mbps)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

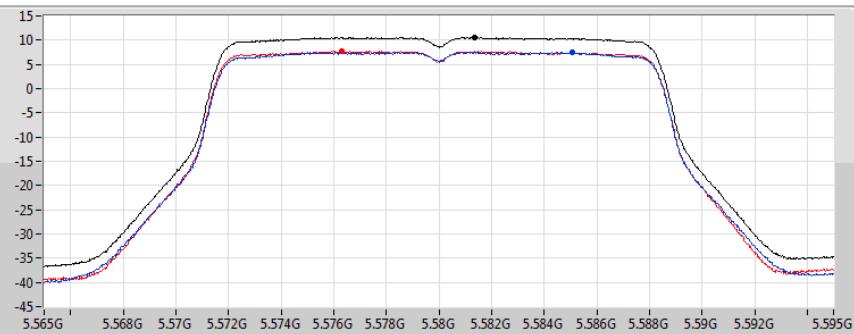
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	7.92	7.87

802.11a_(6Mbps)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

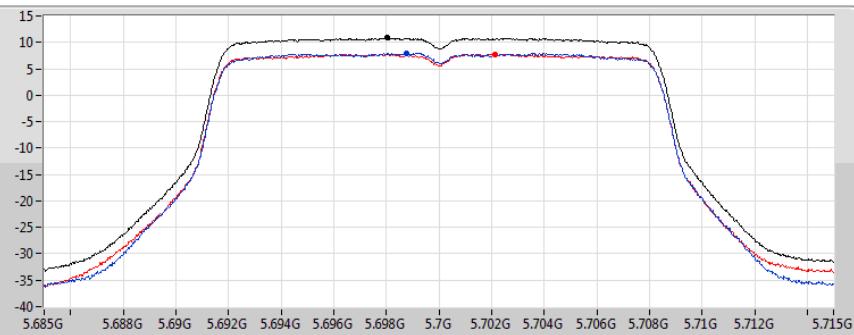
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	7.51	7.71

802.11a_(6Mbps)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	7.96	7.80

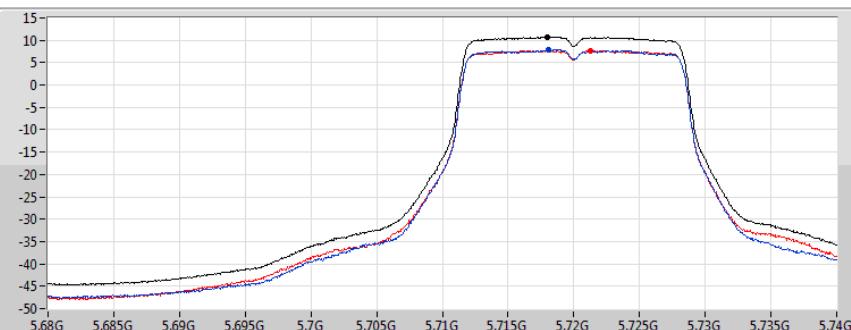


802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



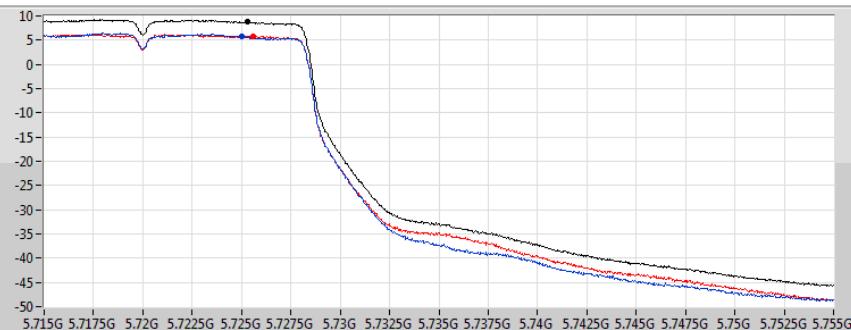
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	7.99	7.73

802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



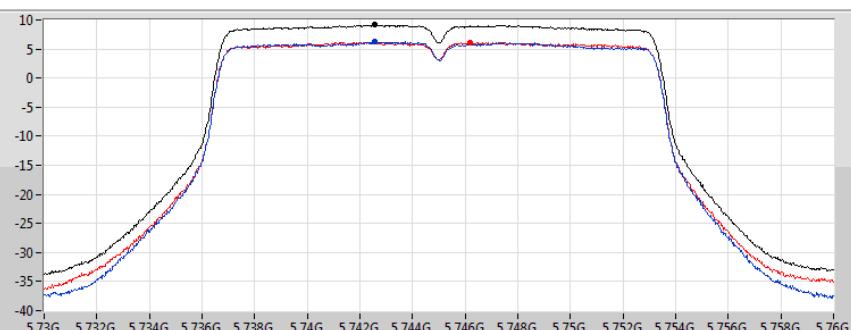
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	5.75	5.80

802.11a_(6Mbps)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	6.34	6.16

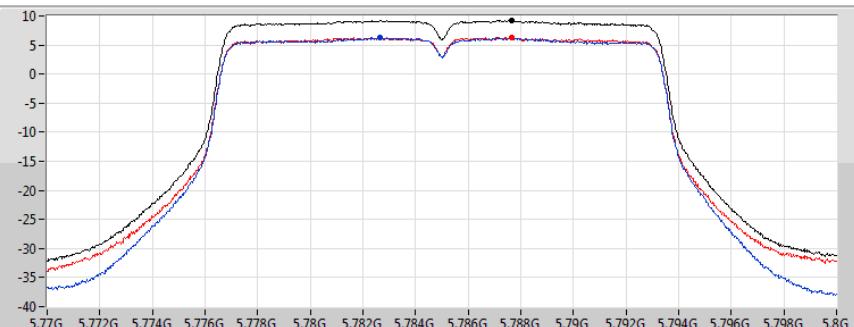


802.11a_(6Mbps)_2TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

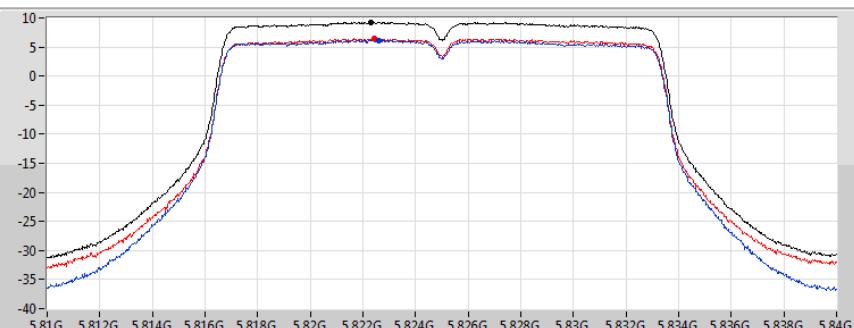
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	6.37	6.28

802.11a_(6Mbps)_2TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

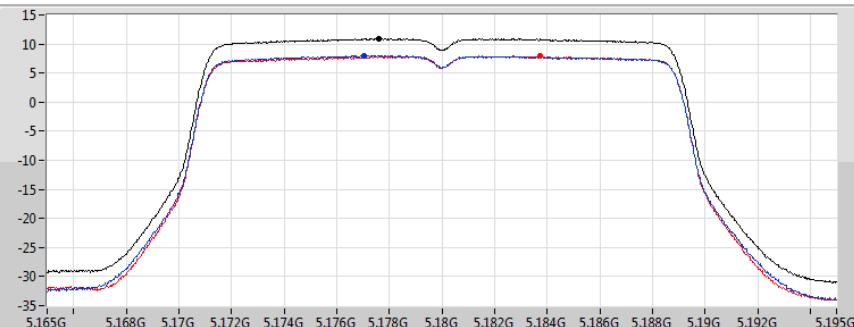
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.29	9.29	6.17	6.48

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	8.02	7.89

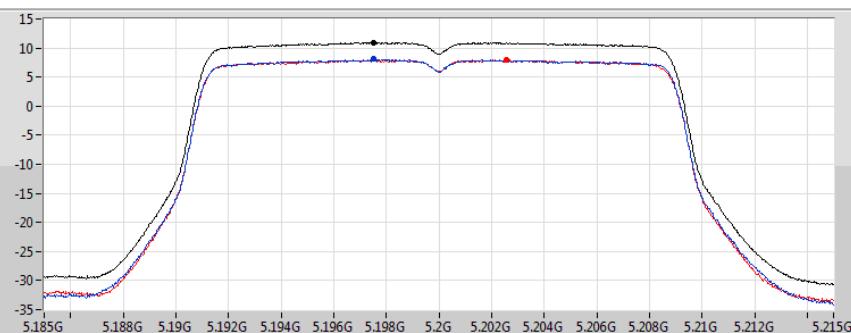


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

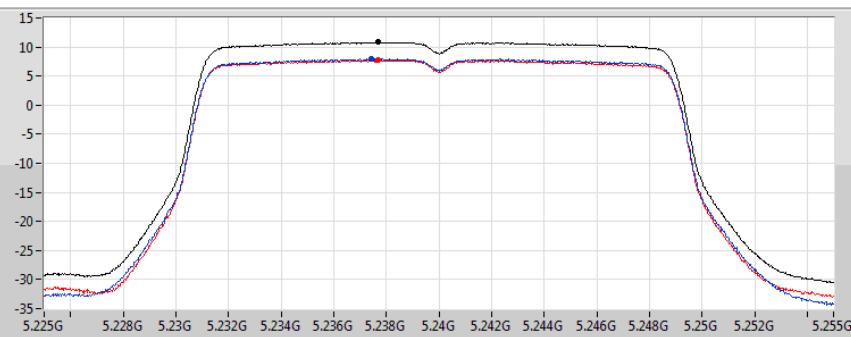


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	8.09	7.93

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



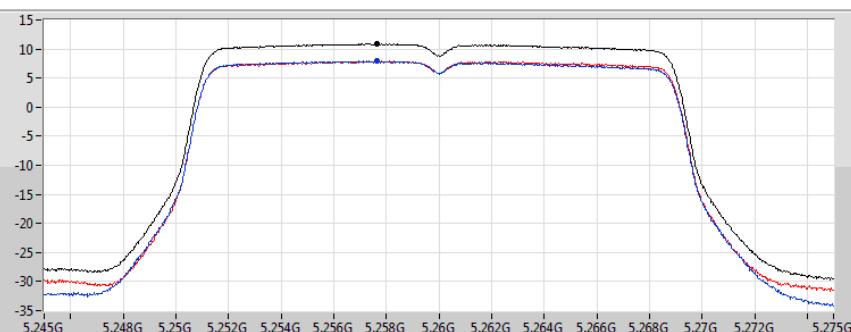
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	7.96	7.76

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	7.96	7.94

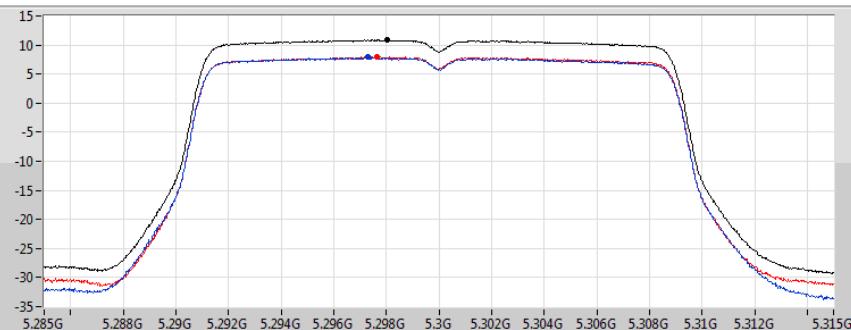


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

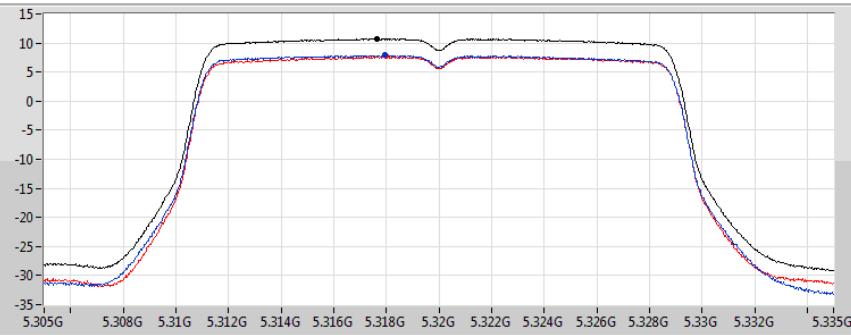
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	7.89	7.92

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

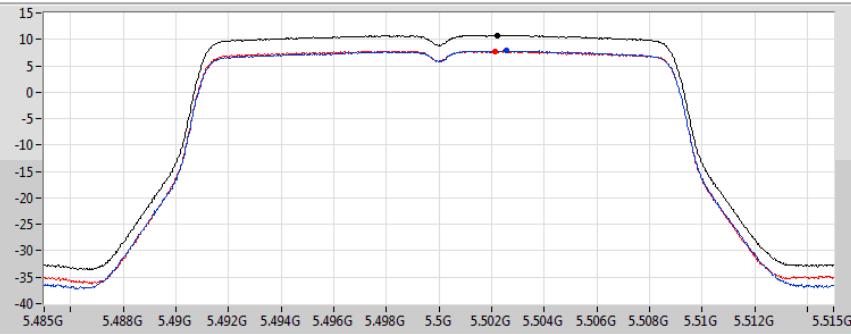
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	7.88	7.68

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	7.92	7.80

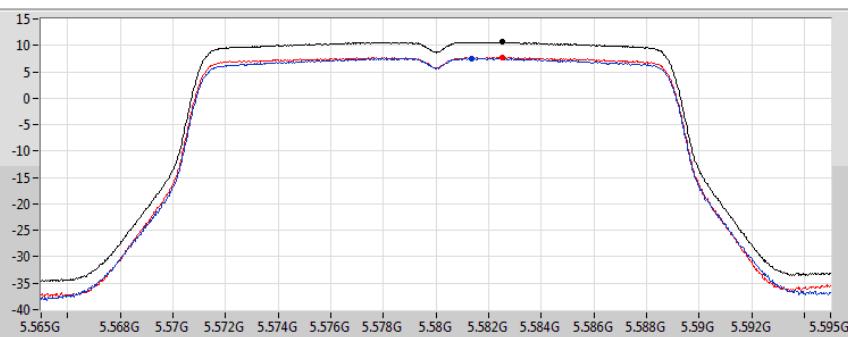


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

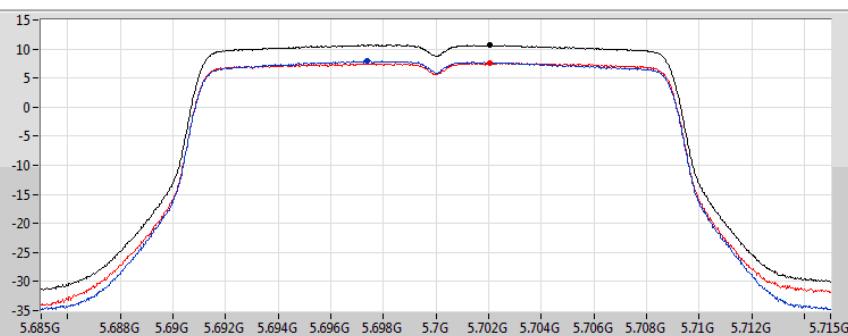
Sum PD Port 1 Port 2
(dBm/RBW) (dBm/RBW) (dBm/RBW)
10.60 10.60 7.57 7.72

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

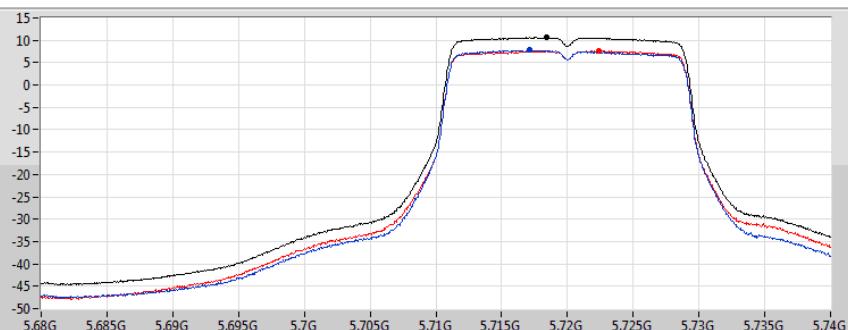
Sum PD Port 1 Port 2
(dBm/RBW) (dBm/RBW) (dBm/RBW)
10.70 10.70 7.91 7.63

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum PD Port 1 Port 2
(dBm/RBW) (dBm/RBW) (dBm/RBW)
10.61 10.61 7.77 7.59

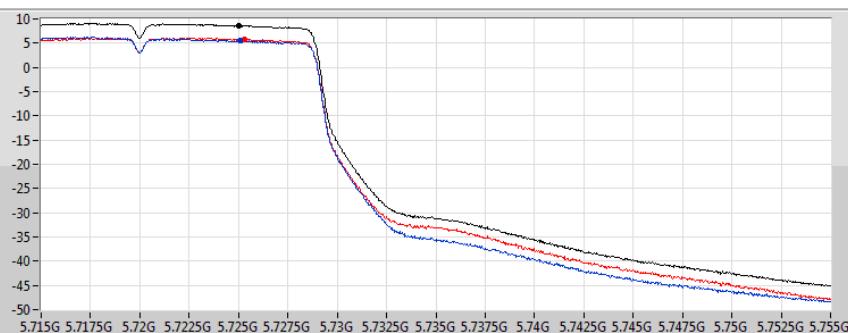


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



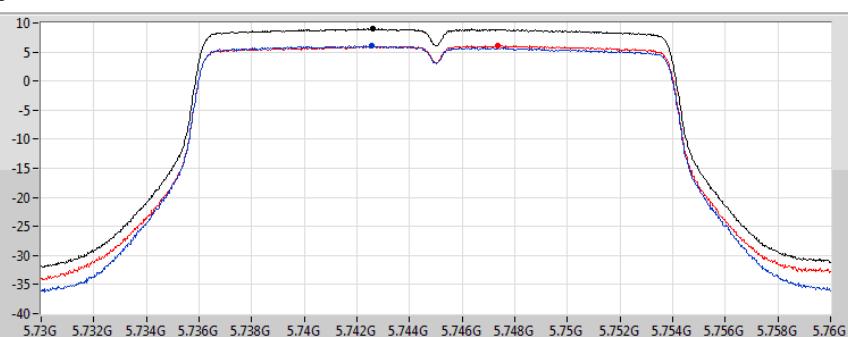
Sum
Port 1
Port 2

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

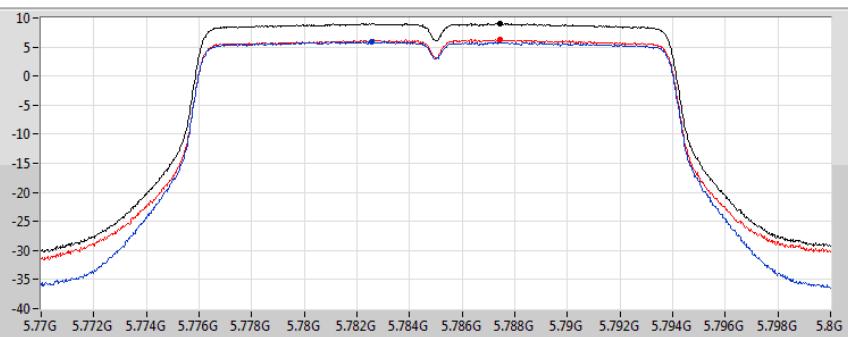
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	6.05	6.13

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	5.94	6.26

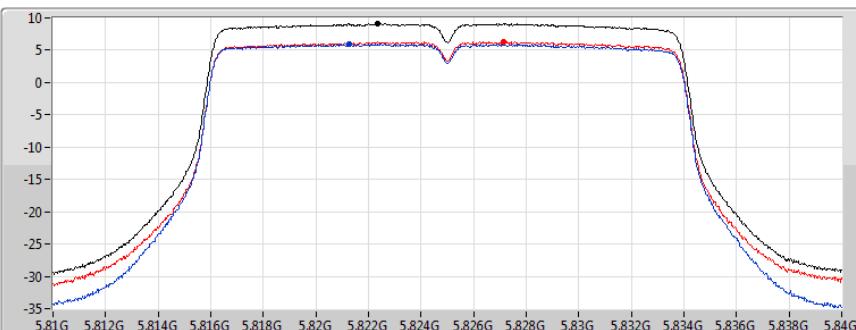


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

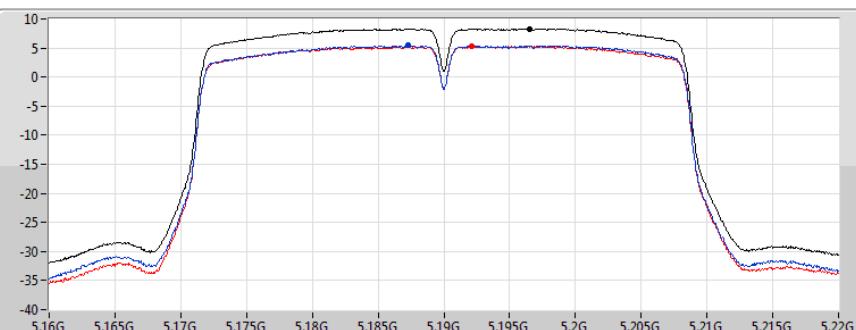
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	6.02	6.35

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

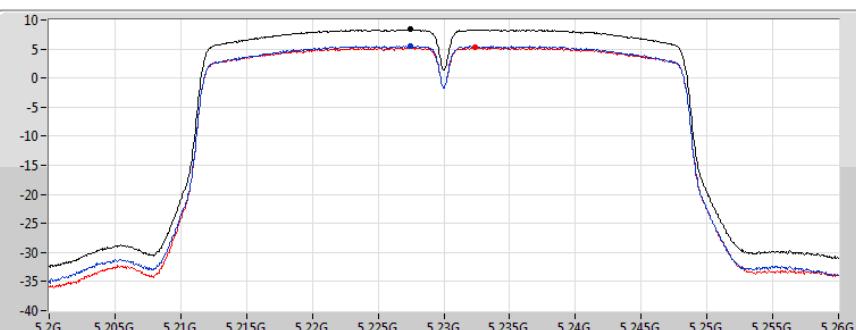
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	5.42	5.32

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	5.58	5.23

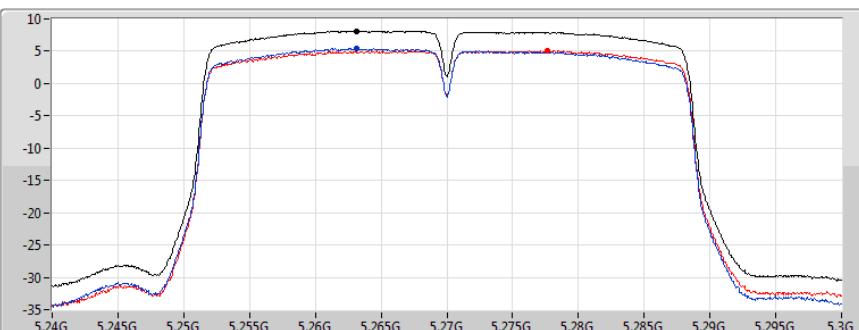


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



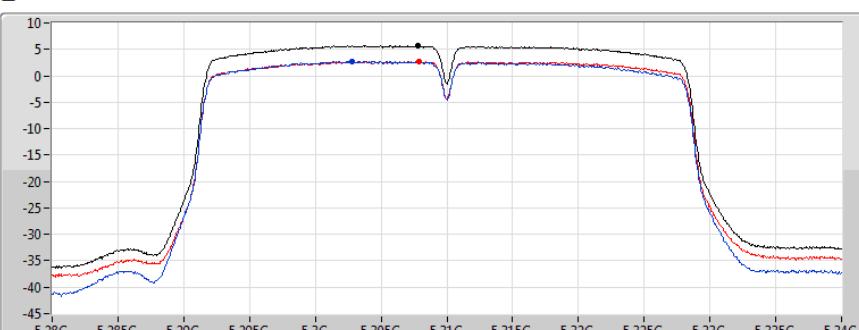
Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



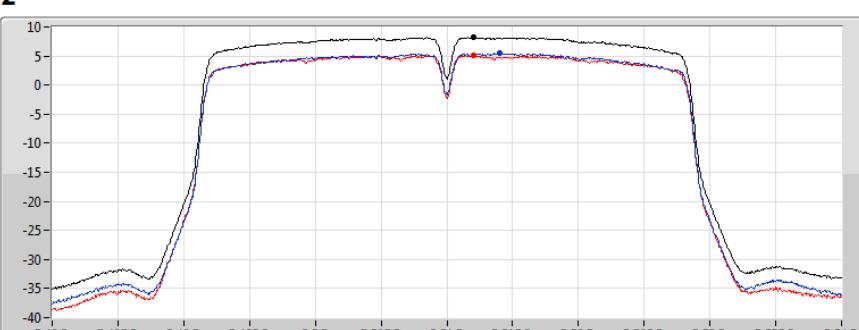
Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.42	5.10

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	2.73	2.69

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	5.48	5.08

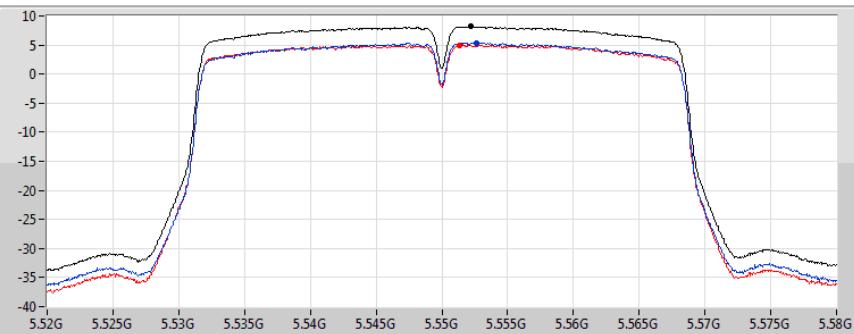


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



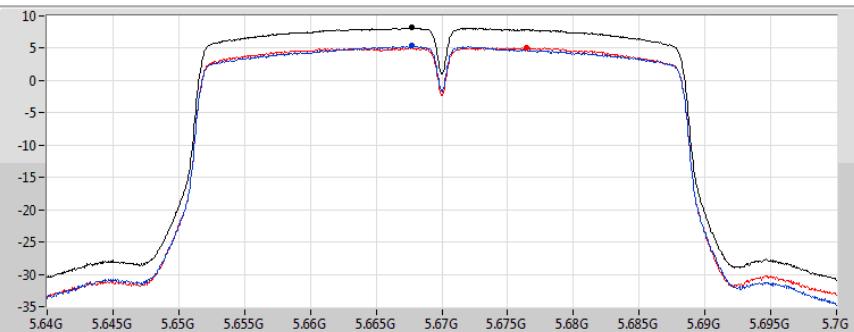
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	5.38	4.96

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



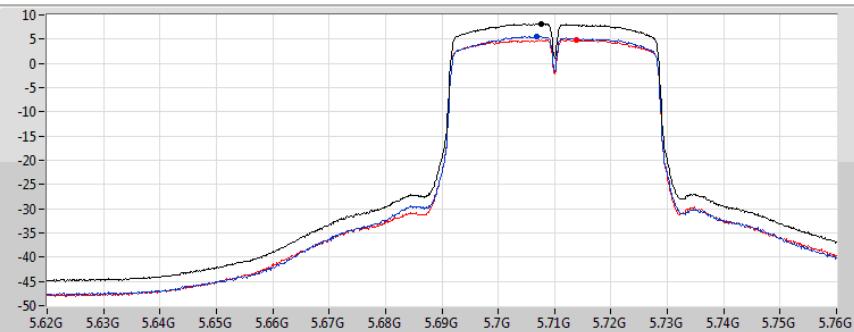
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	5.36	5.08

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

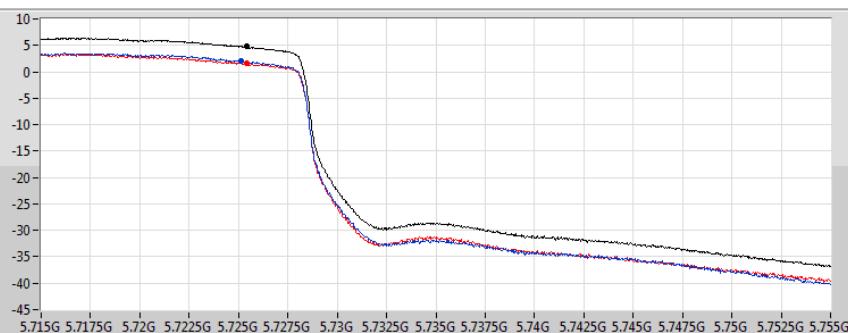
Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.58	4.89

**802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

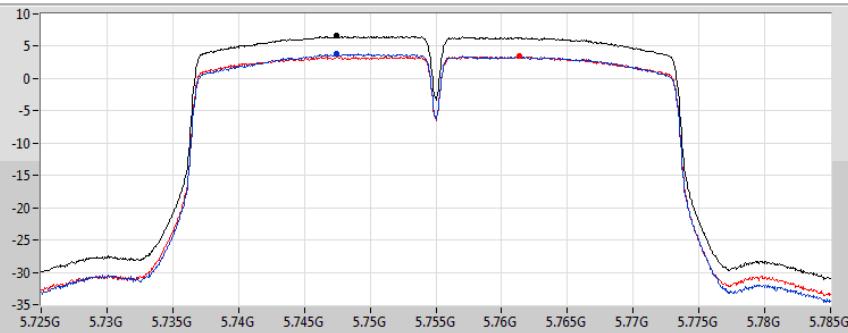


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	1.97	1.71

802.11ac VHT40_Nss1,(MCS0)_2TX**PSD****5755MHz**

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

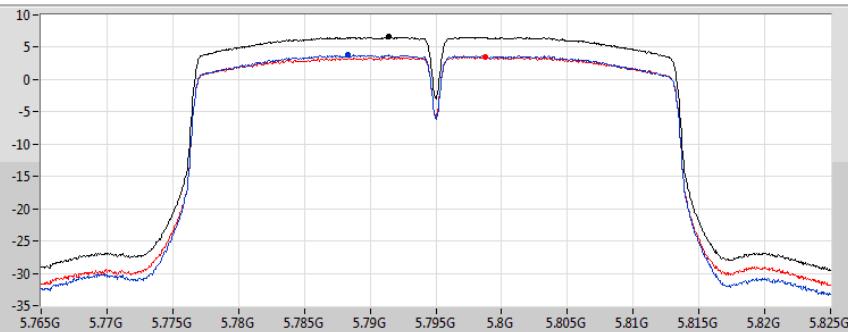


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	3.83	3.44

**802.11ac VHT40_Nss1,(MCS0)_2TX
5795MHz****PSD**

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

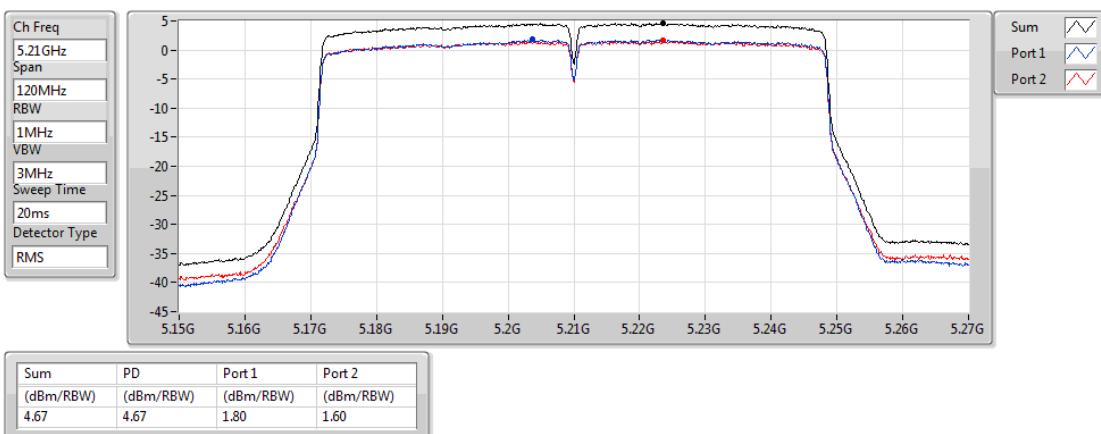
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	3.82	3.51



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

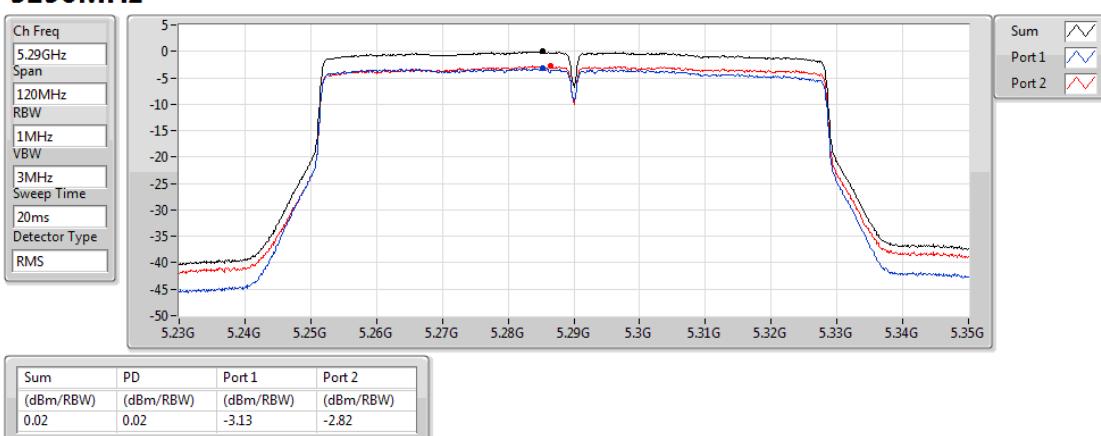
5210MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

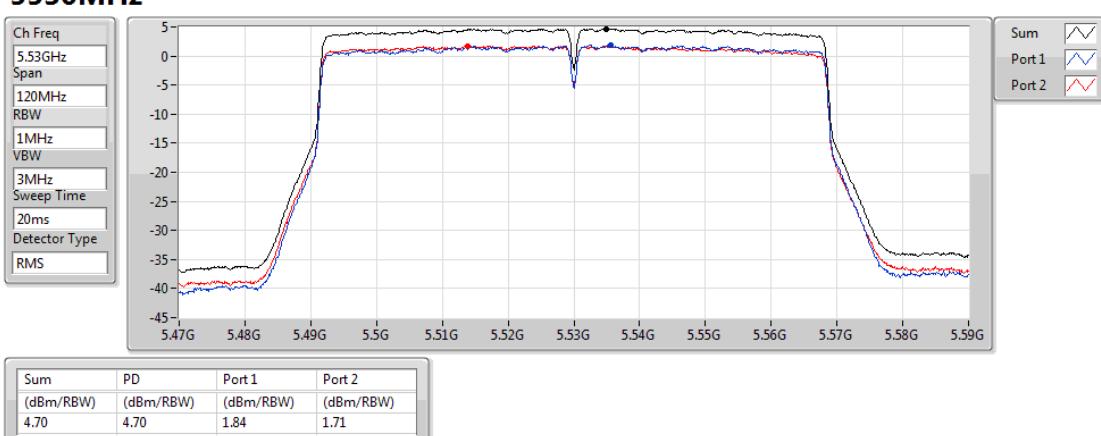
5290MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz



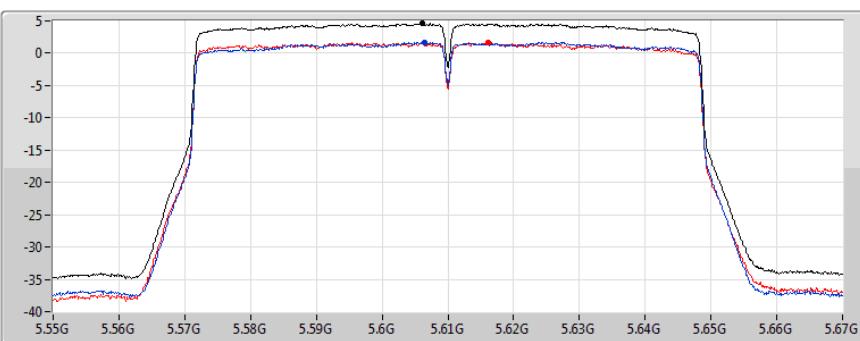


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



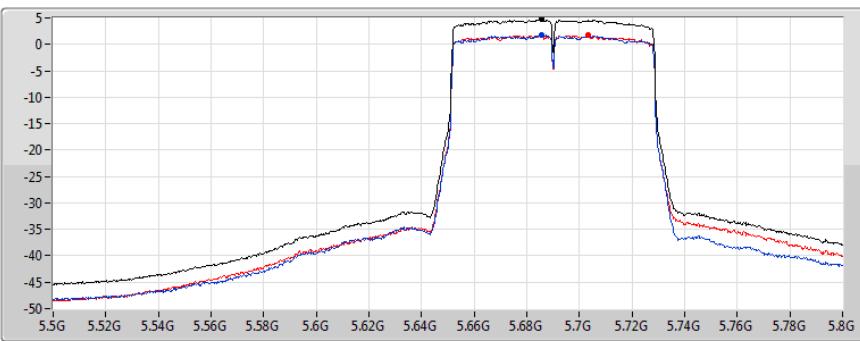
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.71	1.64

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



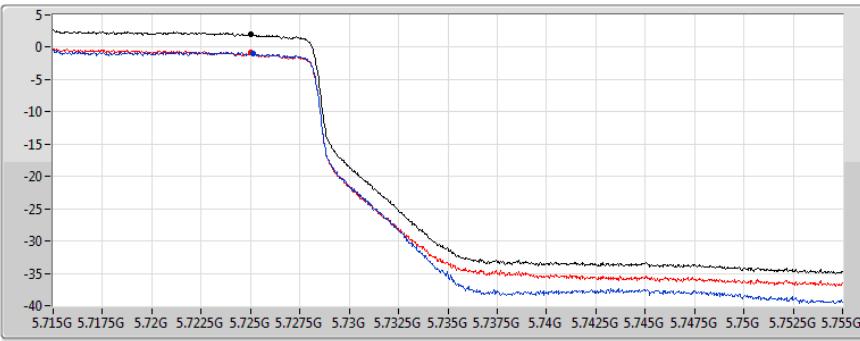
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	1.74	1.69

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.05	2.05	-1.02	-0.83

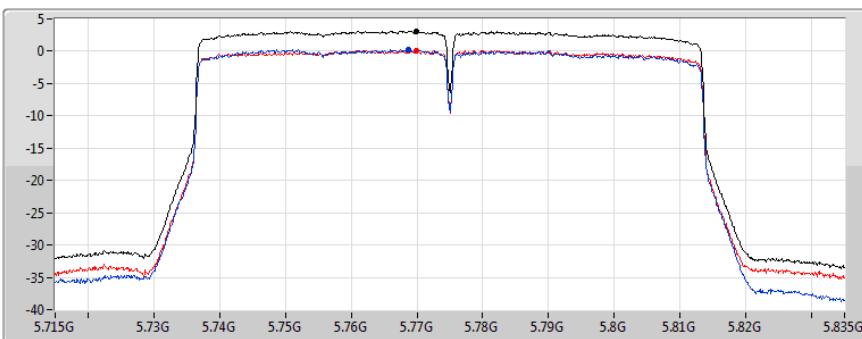


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	0.29	0.12



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	12.76
5.25-5.35GHz	10.85
5.47-5.725GHz	10.85
5.725-5.85GHz	9.95
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	10.25
5.25-5.35GHz	9.98
5.47-5.725GHz	10.10
5.725-5.85GHz	7.35
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	5.11
5.25-5.35GHz	-0.04
5.47-5.725GHz	6.43
5.725-5.85GHz	4.05

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.70	9.53	9.62	12.52	17.00
5200MHz	Pass	3.70	9.60	9.60	12.55	17.00
5240MHz	Pass	3.70	9.72	9.89	12.76	17.00
5260MHz	Pass	3.70	7.71	7.64	10.66	11.00
5300MHz	Pass	3.70	7.82	7.69	10.74	11.00
5320MHz	Pass	3.70	7.70	8.00	10.85	11.00
5500MHz	Pass	3.70	7.71	8.00	10.78	11.00
5580MHz	Pass	3.70	7.84	7.87	10.85	11.00
5700MHz	Pass	3.70	7.49	7.93	10.62	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	7.47	7.75	10.54	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	4.22	4.13	7.15	30.00
5745MHz	Pass	3.70	6.89	6.89	9.79	30.00
5785MHz	Pass	3.70	7.27	6.84	9.95	30.00
5825MHz	Pass	3.70	7.00	6.70	9.79	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.70	5.09	5.01	8.00	17.00
5230MHz	Pass	3.70	7.11	7.38	10.25	17.00
5270MHz	Pass	3.70	6.92	7.18	9.98	11.00
5310MHz	Pass	3.70	5.51	4.97	8.21	11.00
5510MHz	Pass	3.70	4.67	4.57	7.55	11.00
5550MHz	Pass	3.70	6.71	7.08	9.85	11.00
5670MHz	Pass	3.70	7.07	7.26	10.10	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	6.45	6.86	9.53	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	2.50	2.84	5.61	30.00
5755MHz	Pass	3.70	4.22	4.53	7.24	30.00
5795MHz	Pass	3.70	4.35	4.62	7.35	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.70	2.20	2.09	5.11	17.00
5290MHz	Pass	3.70	-3.09	-2.96	-0.04	11.00
5530MHz	Pass	3.70	1.72	1.62	4.56	11.00
5610MHz	Pass	3.70	3.44	3.76	6.43	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	2.80	3.00	5.87	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	-1.48	-1.15	1.63	30.00
5775MHz	Pass	3.70	1.10	1.19	4.05	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

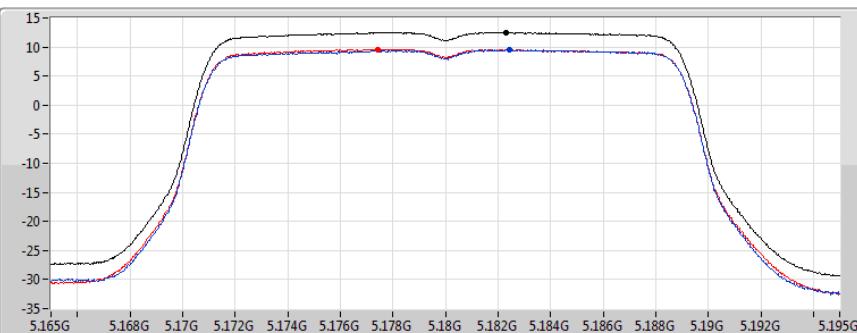


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

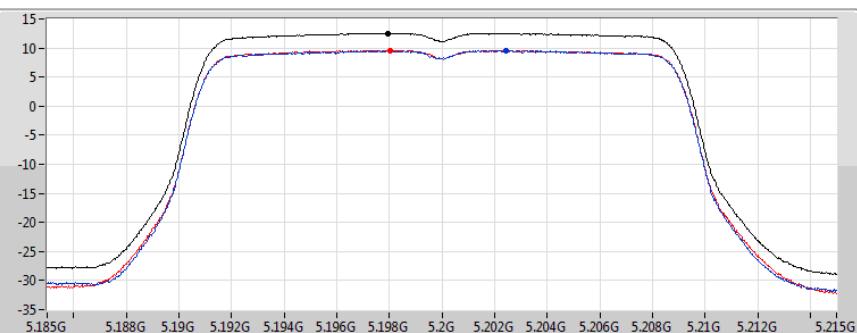
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	9.53	9.62

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

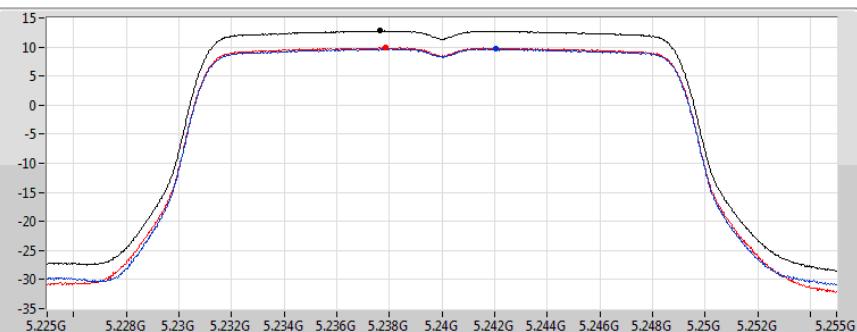
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	9.60	9.60

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.76	12.76	9.72	9.89

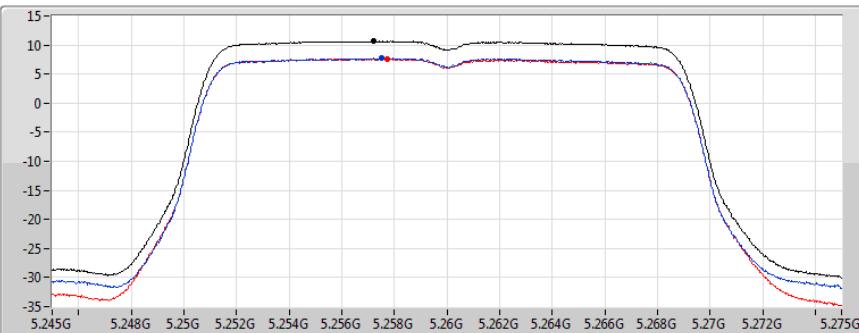


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



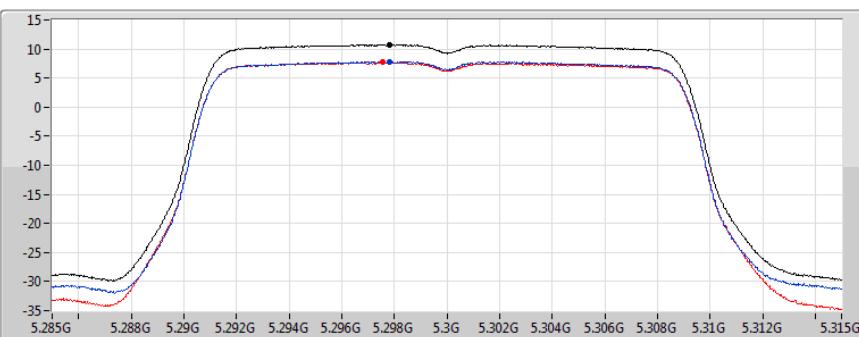
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



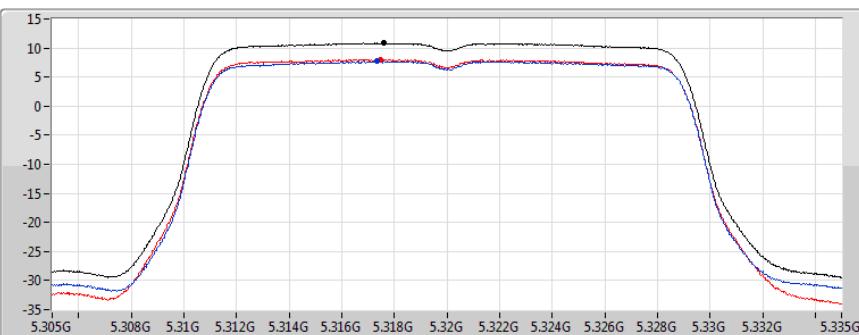
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	7.71	7.64

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	7.82	7.69

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	7.70	8.00

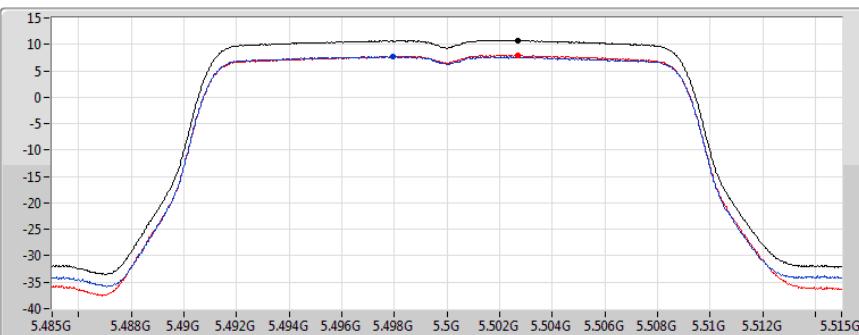


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



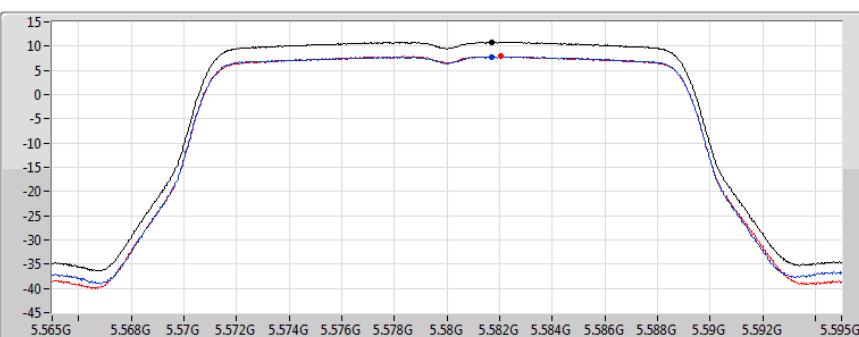
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



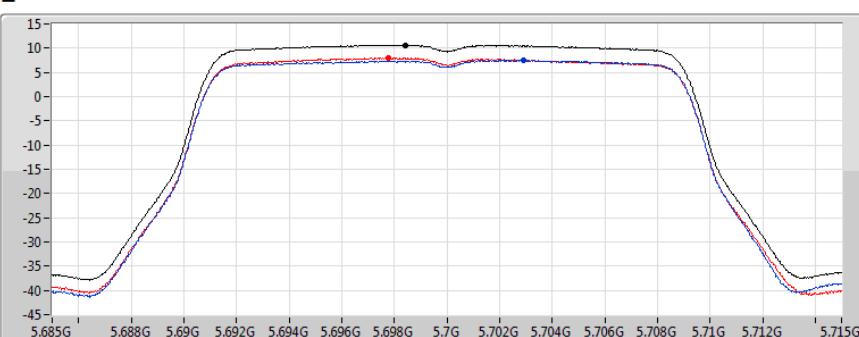
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.78	10.78	7.71	8.00

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	7.84	7.87

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	7.49	7.93

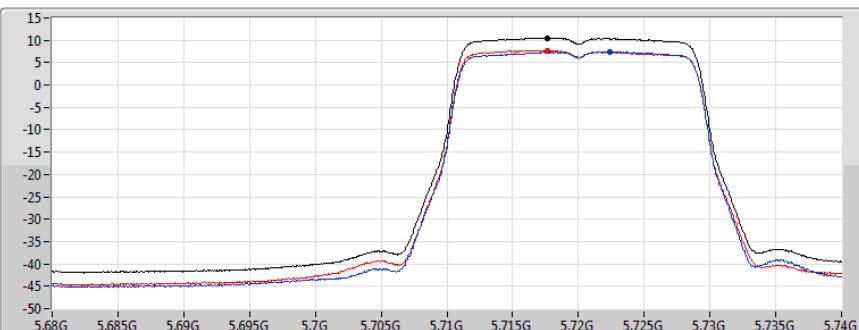


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



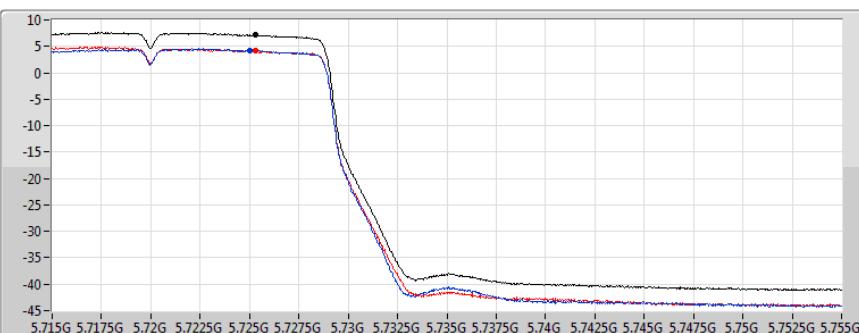
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	7.47	7.75

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



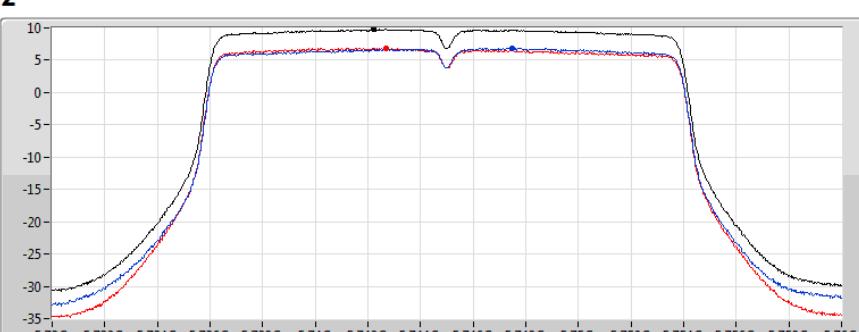
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	4.22	4.13

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	6.89	6.89

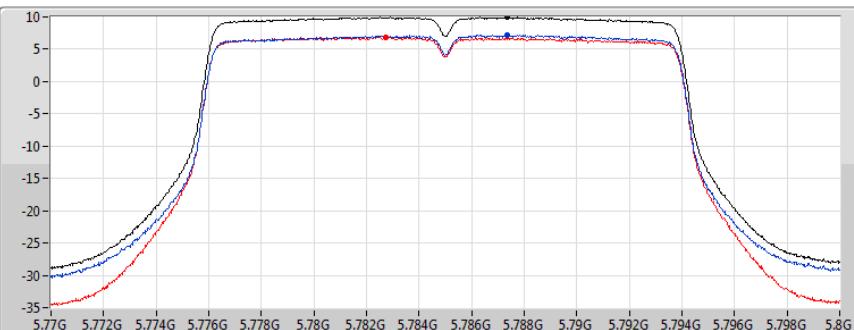


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



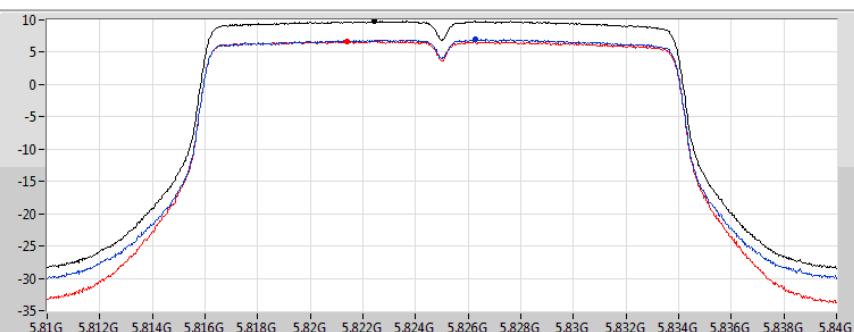
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	7.27	6.84

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



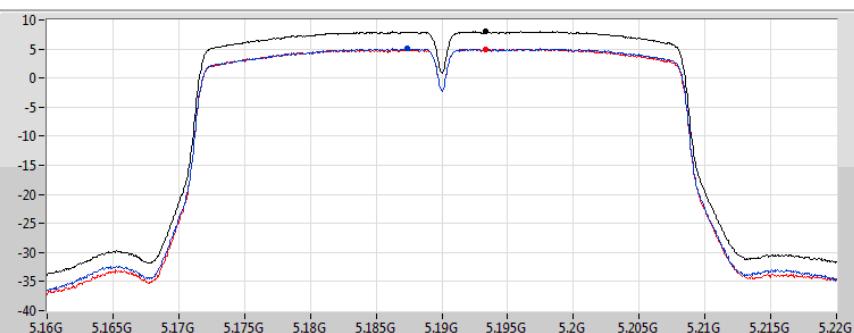
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	7.00	6.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	5.09	5.01

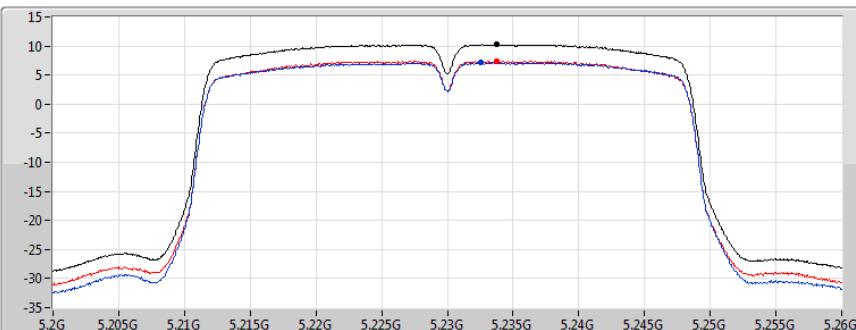


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

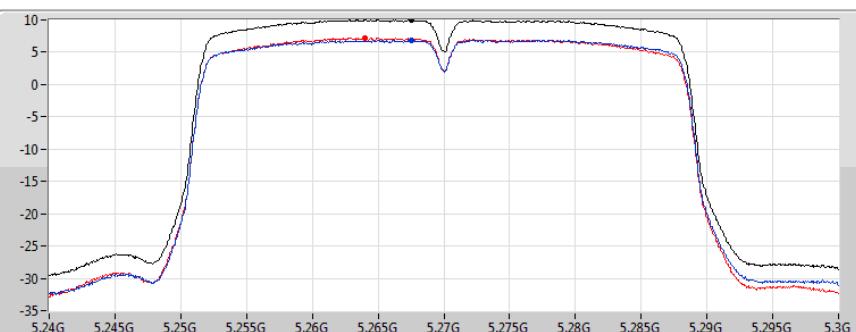
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	7.11	7.38

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

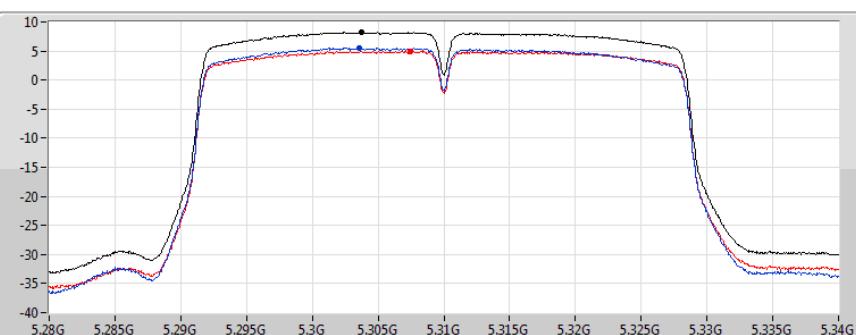
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.98	9.98	6.92	7.18

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	5.51	4.97

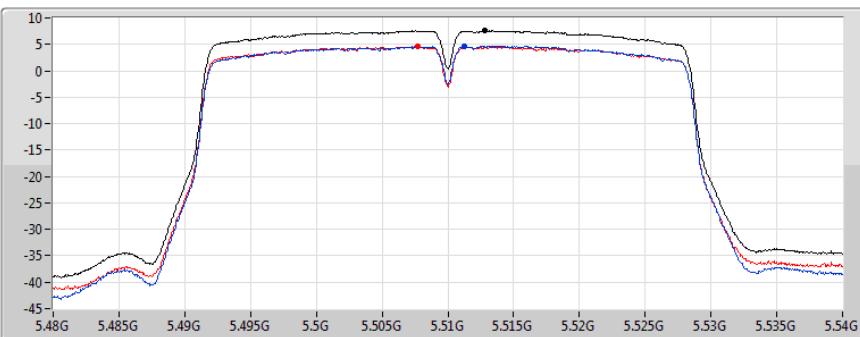


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

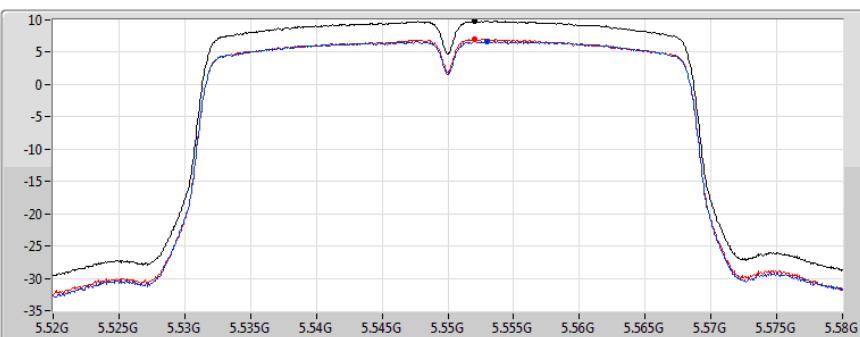
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	4.67	4.57

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

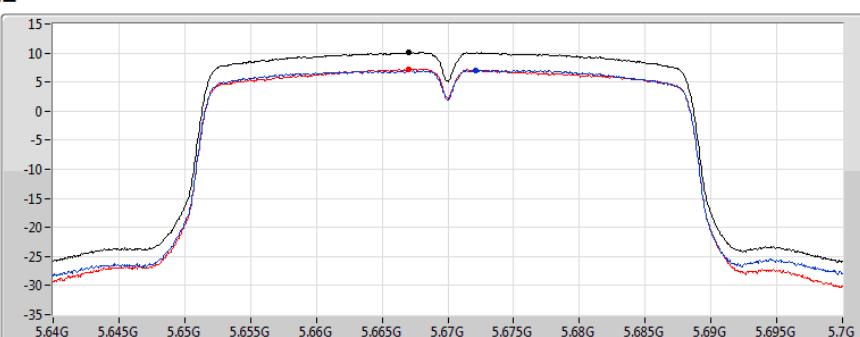
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	6.71	7.08

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

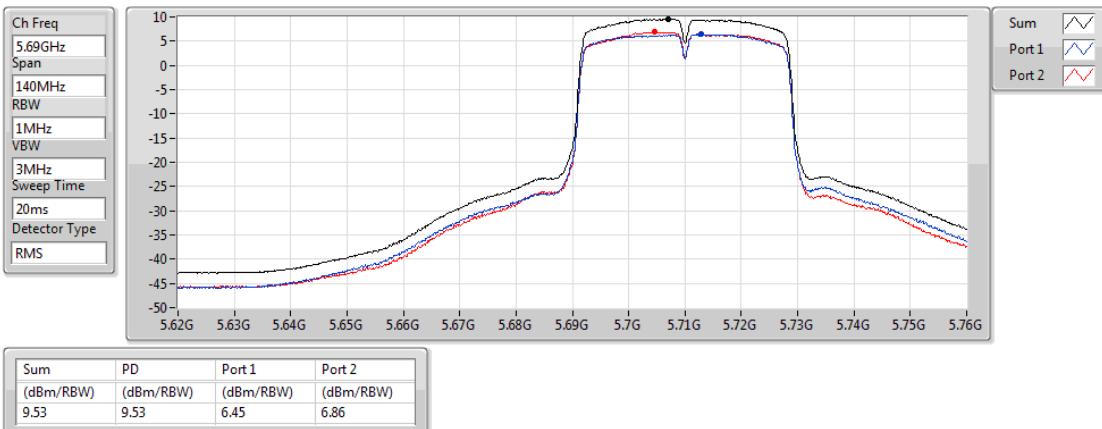
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	7.07	7.26



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

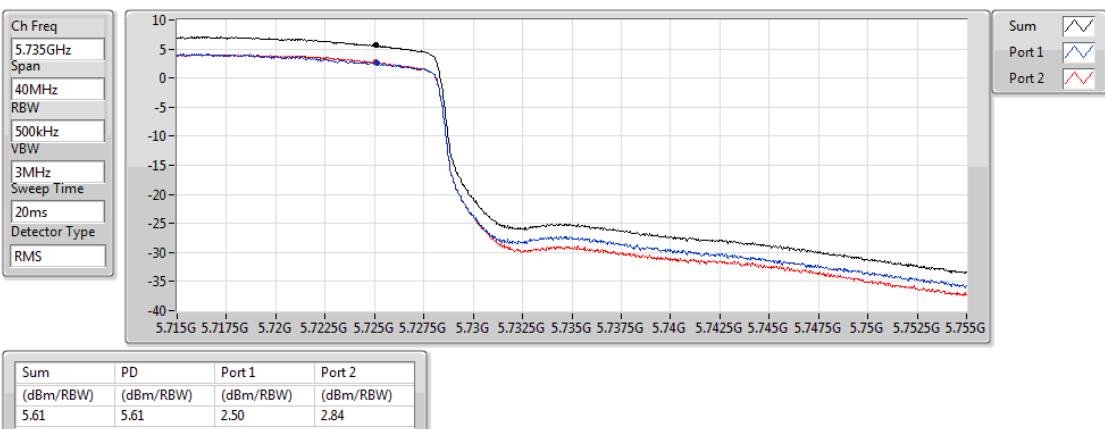
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

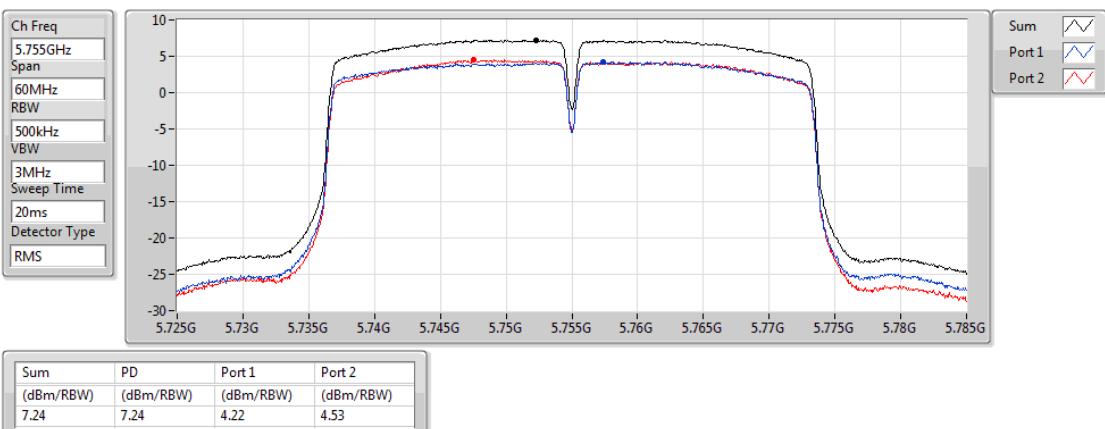
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz



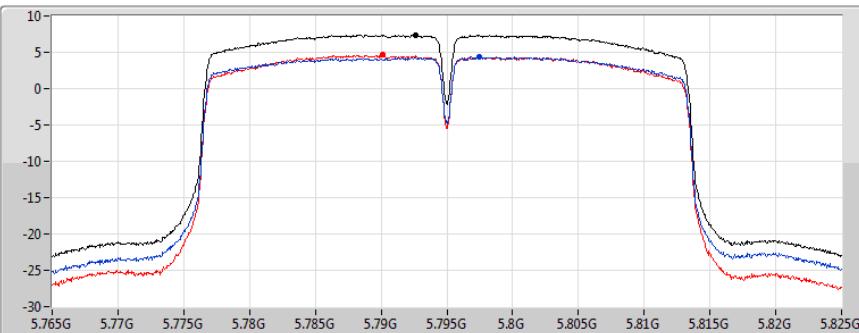


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



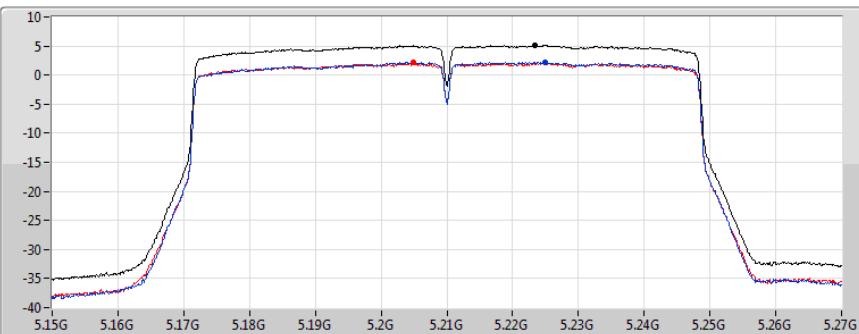
Sum
Port 1
Port 2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



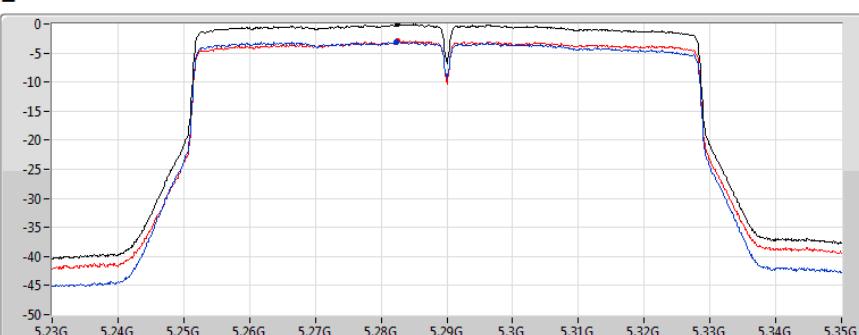
Sum
Port 1
Port 2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

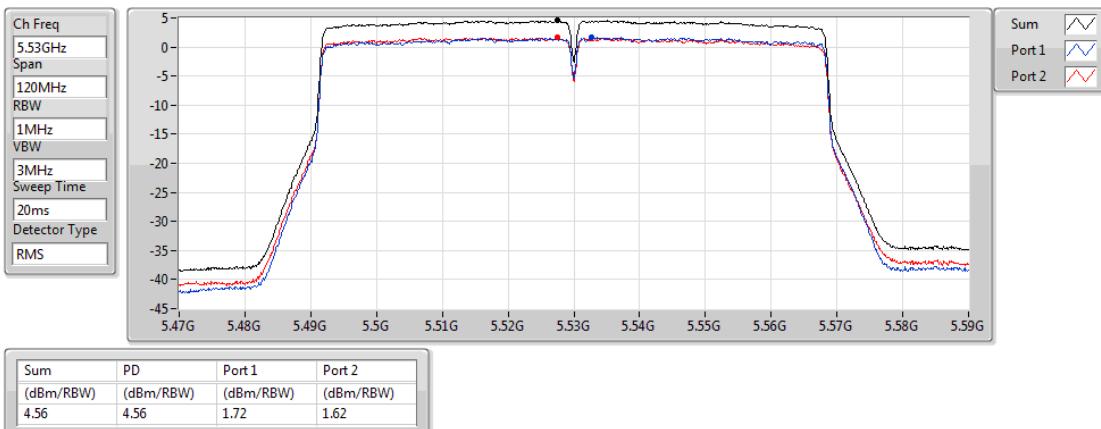
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.11	5.11	2.20	2.09



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

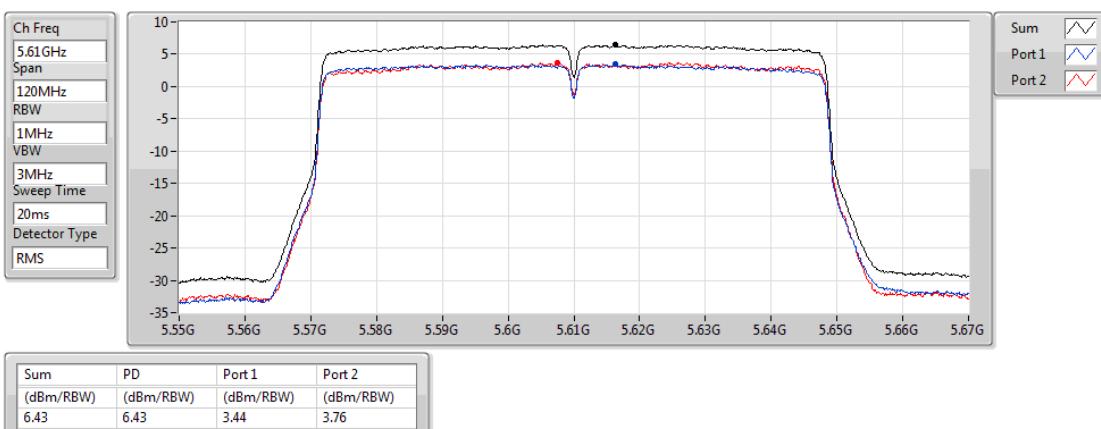
5530MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

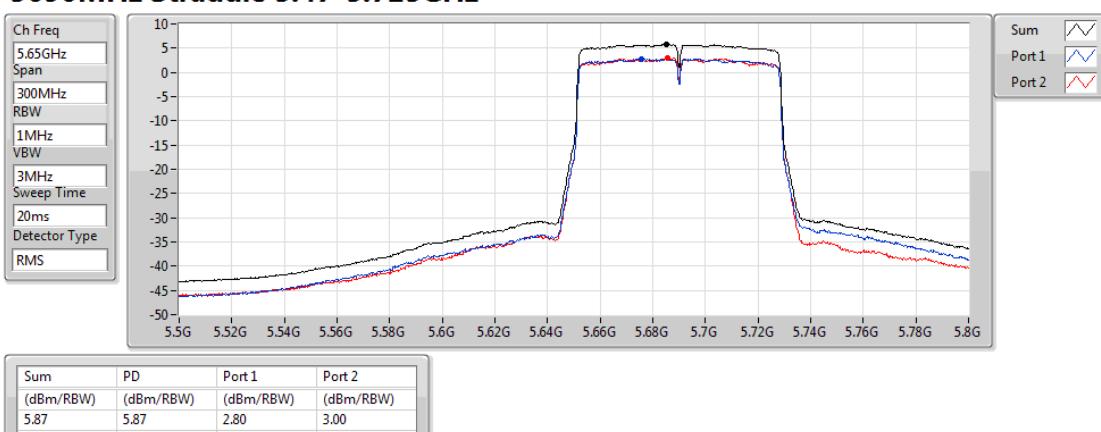
5610MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

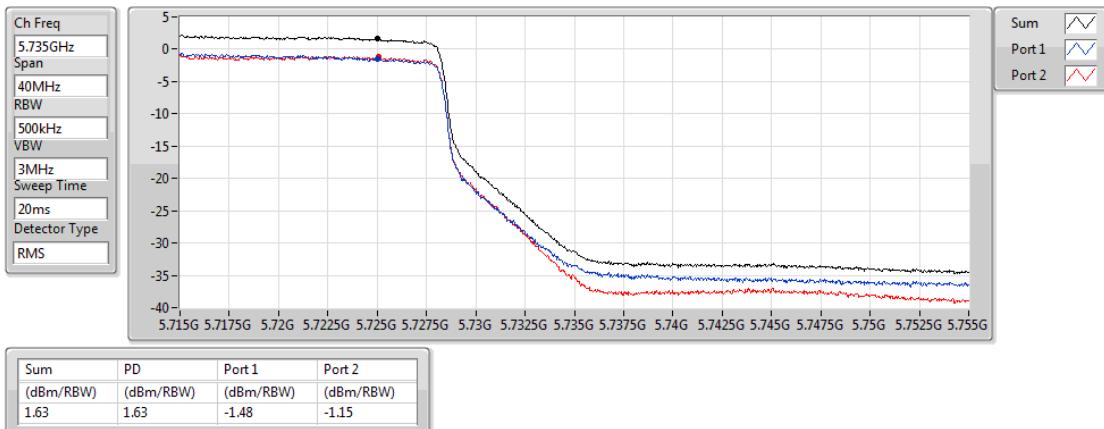




802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

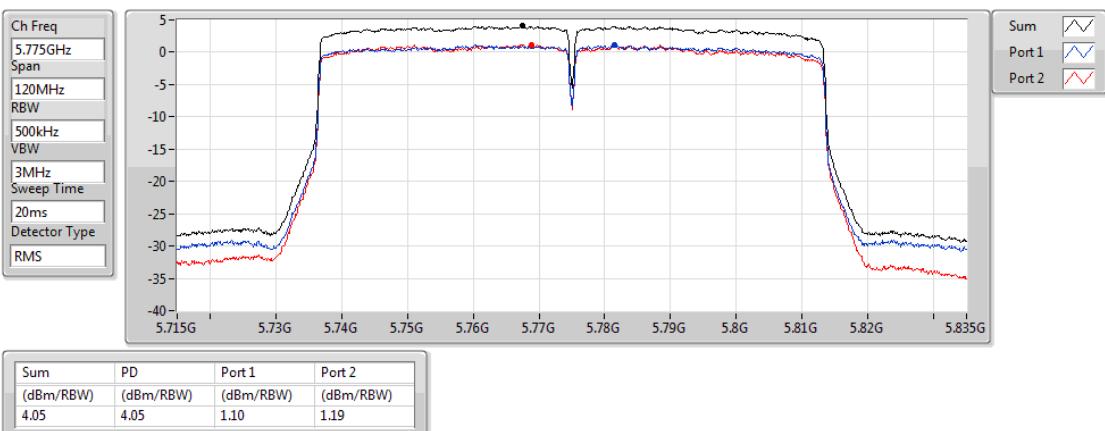
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz





For Set 6 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-
5.15-5.25GHz	12.86
5.25-5.35GHz	10.75
5.47-5.725GHz	10.96
5.725-5.85GHz	11.63
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.67
5.25-5.35GHz	10.61
5.47-5.725GHz	10.73
5.725-5.85GHz	11.01
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	10.26
5.25-5.35GHz	7.96
5.47-5.725GHz	8.22
5.725-5.85GHz	8.41
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	5.82
5.25-5.35GHz	0.71
5.47-5.725GHz	4.36
5.725-5.85GHz	4.87

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	8.16	8.10	8.07	12.80	17.00
5200MHz	Pass	5.80	8.20	8.09	8.29	12.86	17.00
5240MHz	Pass	5.80	8.27	7.90	8.37	12.80	17.00
5260MHz	Pass	5.80	6.13	6.05	6.20	10.75	11.00
5300MHz	Pass	5.80	6.07	6.09	6.46	10.74	11.00
5320MHz	Pass	5.80	6.10	5.73	6.38	10.73	11.00
5500MHz	Pass	5.80	6.08	5.86	5.98	10.61	11.00
5580MHz	Pass	5.80	6.22	6.26	6.28	10.85	11.00
5700MHz	Pass	5.80	6.60	6.10	6.31	10.96	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	6.06	5.63	5.65	10.42	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	4.08	3.72	3.69	8.55	30.00
5745MHz	Pass	5.80	6.89	6.77	6.94	11.50	30.00
5785MHz	Pass	5.80	6.86	6.82	7.17	11.56	30.00
5825MHz	Pass	5.80	6.74	6.97	7.06	11.63	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	7.95	7.93	7.86	12.61	17.00
5200MHz	Pass	5.80	8.00	7.97	8.05	12.67	17.00
5240MHz	Pass	5.80	7.89	7.75	8.13	12.55	17.00
5260MHz	Pass	5.80	5.91	5.81	6.01	10.57	11.00
5300MHz	Pass	5.80	5.87	5.85	6.31	10.61	11.00
5320MHz	Pass	5.80	5.91	5.48	6.31	10.57	11.00
5500MHz	Pass	5.80	5.90	5.63	5.90	10.46	11.00
5580MHz	Pass	5.80	5.93	6.06	6.13	10.73	11.00
5700MHz	Pass	5.80	6.06	5.47	5.64	10.38	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	5.77	5.50	5.57	10.29	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	3.41	3.59	3.71	8.29	30.00
5745MHz	Pass	5.80	6.13	6.15	6.28	10.81	30.00
5785MHz	Pass	5.80	6.14	6.20	6.57	10.97	30.00
5825MHz	Pass	5.80	6.07	6.35	6.49	11.01	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.80	4.47	4.36	4.56	9.13	17.00
5230MHz	Pass	5.80	5.57	5.34	5.79	10.26	17.00
5270MHz	Pass	5.80	3.42	3.22	3.38	7.96	11.00
5310MHz	Pass	5.80	0.63	0.98	1.16	5.49	11.00
5510MHz	Pass	5.80	3.34	2.99	3.34	7.88	11.00
5550MHz	Pass	5.80	3.18	2.92	3.29	7.76	11.00
5670MHz	Pass	5.80	3.38	3.09	2.81	7.77	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	3.98	3.23	3.44	8.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.80	0.50	-0.02	-0.08	4.90	30.00
5755MHz	Pass	5.80	3.81	3.34	3.64	8.27	30.00
5795MHz	Pass	5.80	3.87	3.41	3.98	8.41	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.80	1.23	1.01	1.40	5.82	17.00
5290MHz	Pass	5.80	-4.07	-3.74	-3.63	0.71	11.00
5530MHz	Pass	5.80	-0.21	-0.41	-0.16	4.36	11.00
5610MHz	Pass	5.80	-0.19	-0.49	-0.28	4.31	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	-0.14	-0.50	-0.48	4.27	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.80	-2.92	-3.25	-3.86	1.41	30.00
5775MHz	Pass	5.80	0.38	0.11	0.31	4.87	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

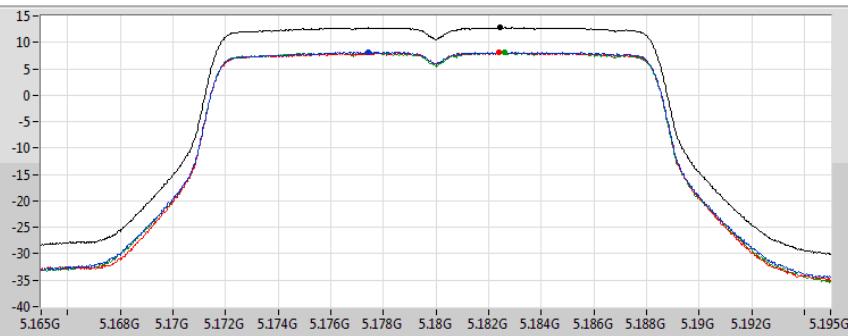


802.11a_(6Mbps)_3TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



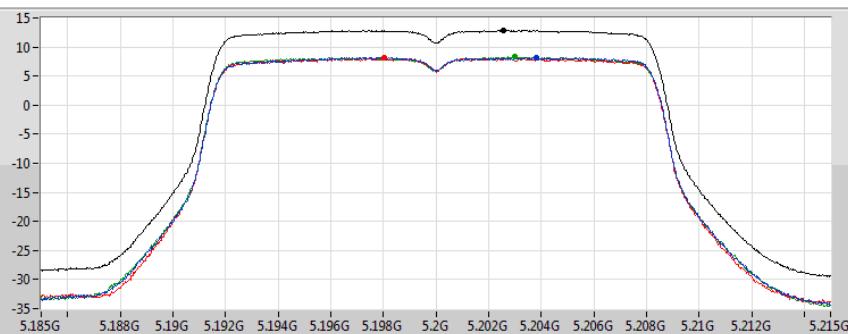
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.80	12.80	8.16	8.10	8.07

802.11a_(6Mbps)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



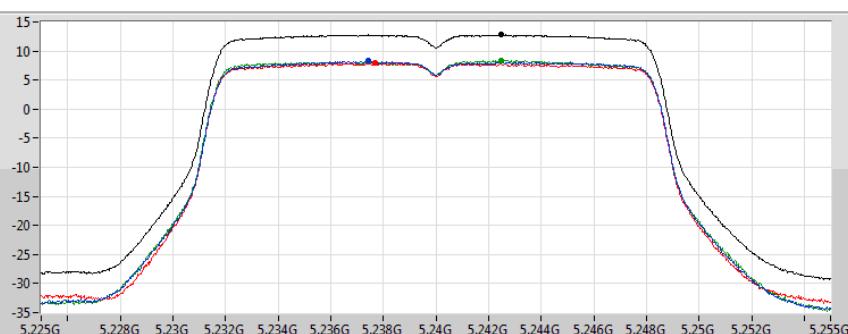
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.86	12.86	8.20	8.09	8.29

802.11a_(6Mbps)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.80	12.80	8.27	7.90	8.37

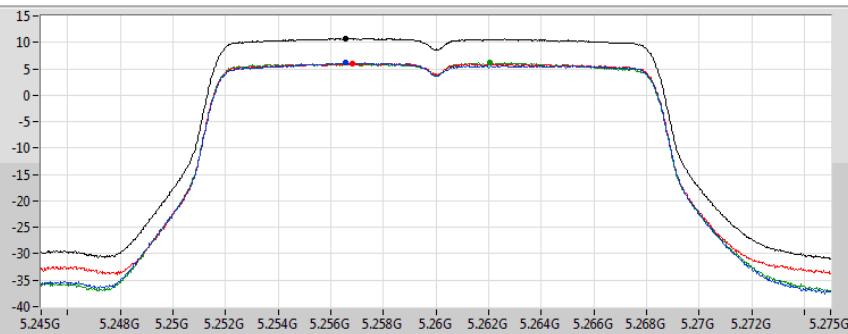


802.11a_(6Mbps)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

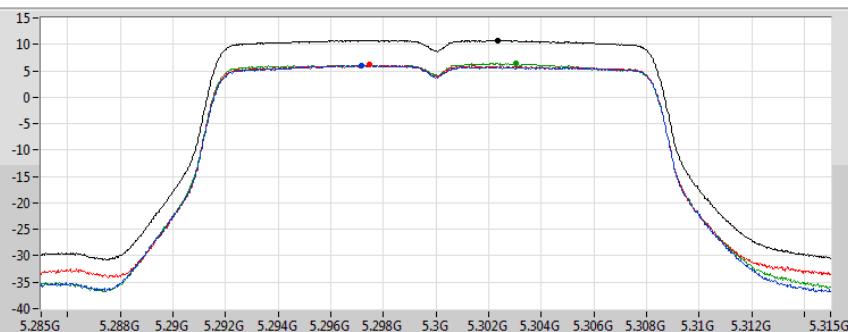
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	6.13	6.05	6.20

802.11a_(6Mbps)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

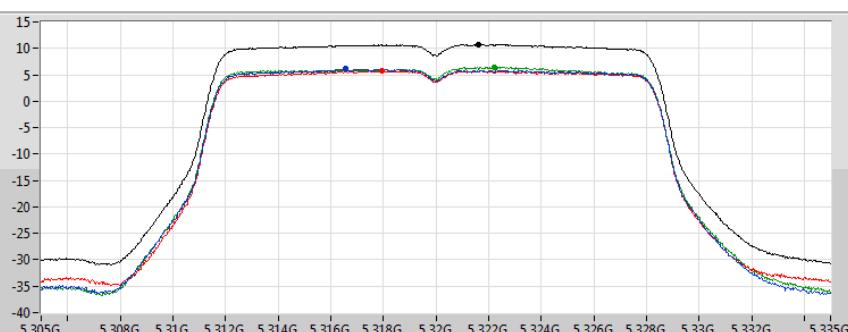
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	6.07	6.09	6.46

802.11a_(6Mbps)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	6.10	5.73	6.38

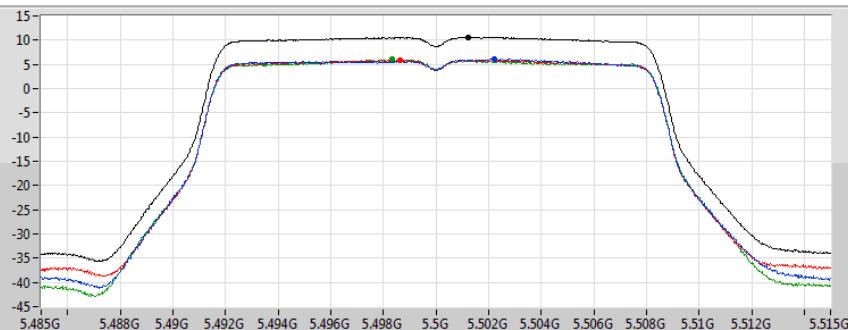


802.11a_(6Mbps)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



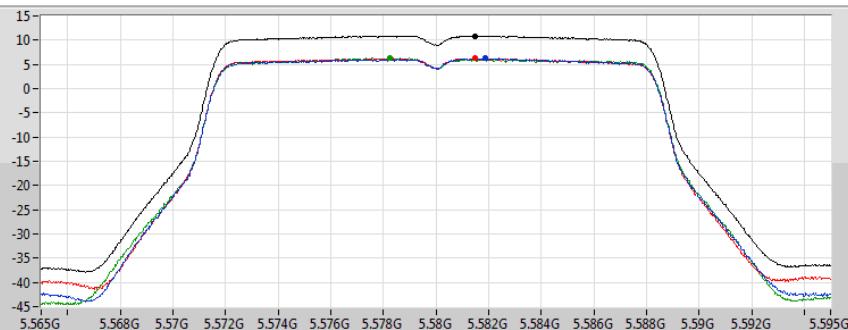
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	6.08	5.86	5.98

802.11a_(6Mbps)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



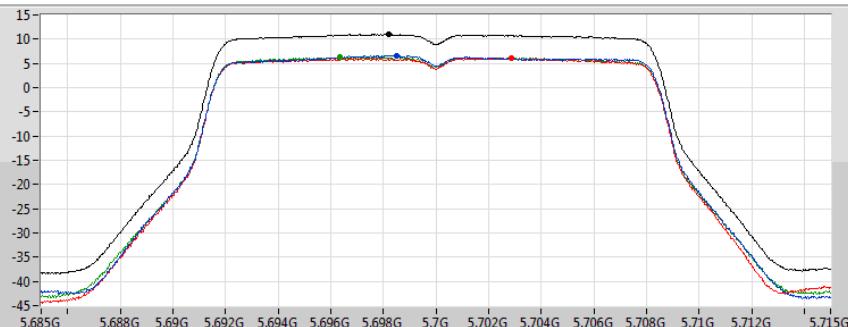
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	6.22	6.26	6.28

802.11a_(6Mbps)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	6.60	6.10	6.31

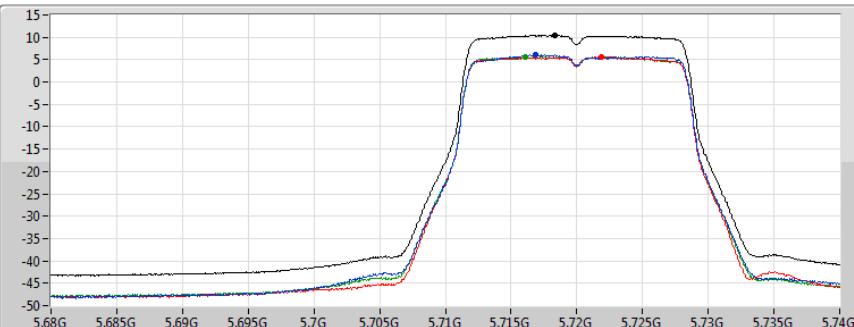


802.11a_(6Mbps)_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

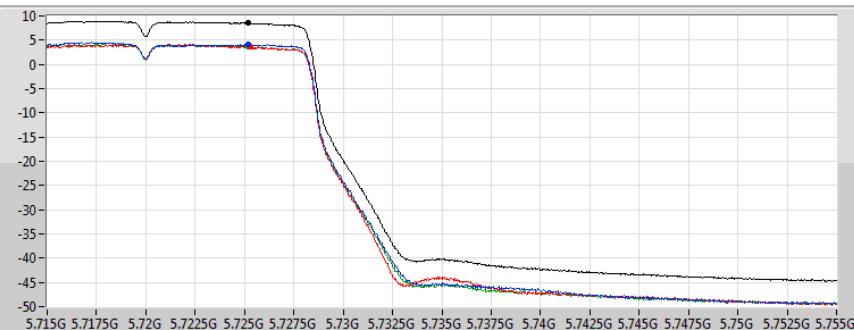
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	6.06	5.63	5.65

802.11a_(6Mbps)_3TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

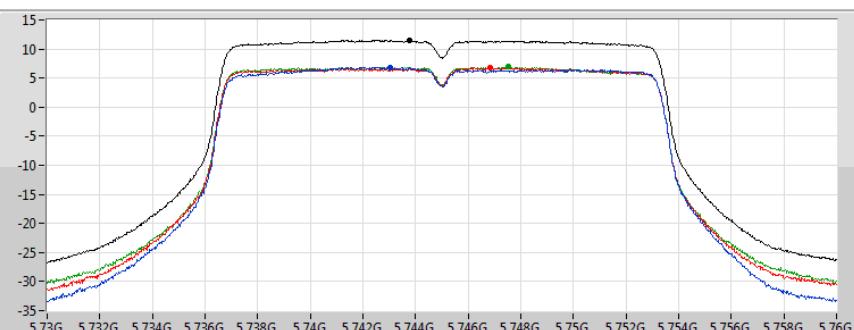
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	4.08	3.72	3.69

802.11a_(6Mbps)_3TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.50	11.50	6.89	6.77	6.94

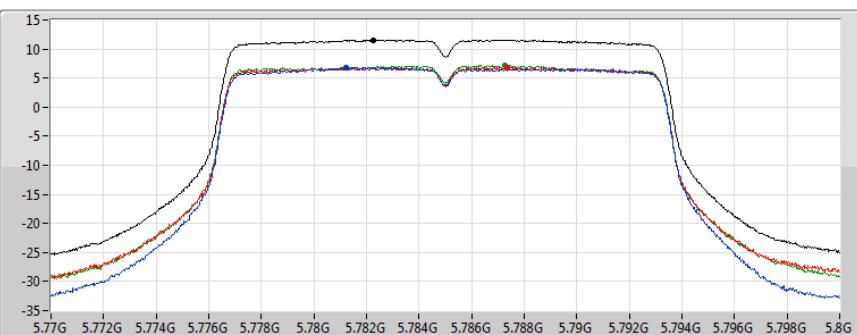


802.11a_(6Mbps)_3TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

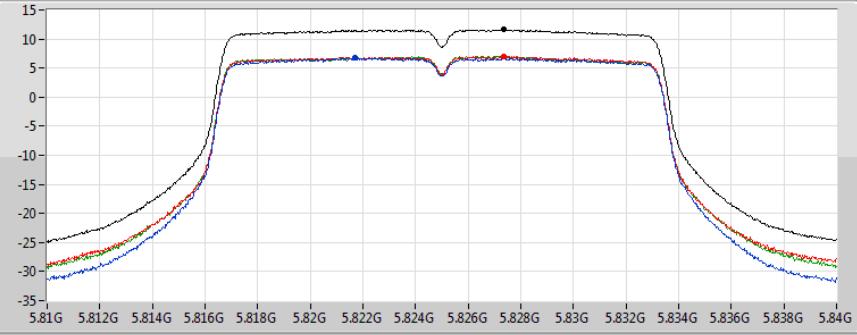
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.56	11.56	6.86	6.82	7.17

802.11a_(6Mbps)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

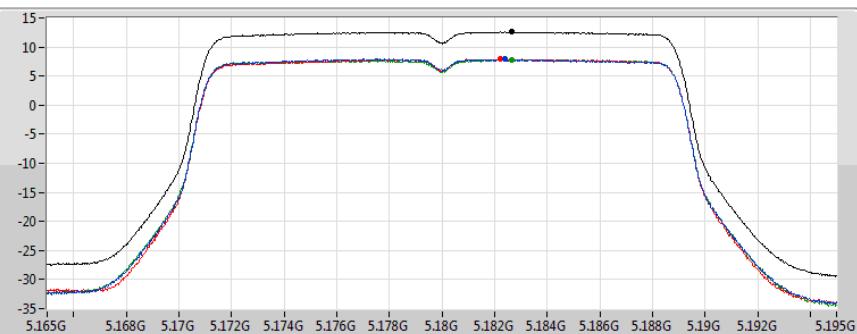
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	6.74	6.97	7.06

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.61	12.61	7.95	7.93	7.86

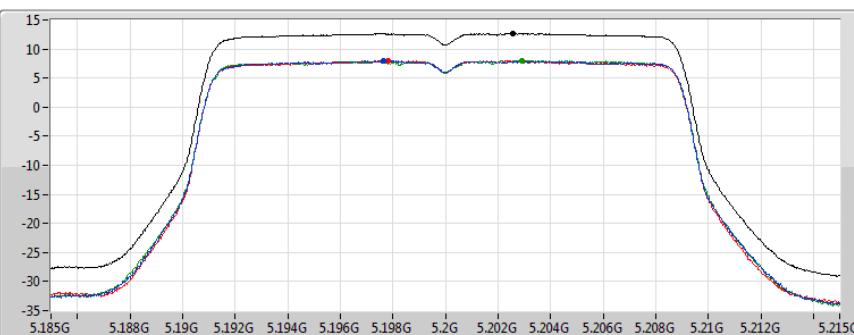


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

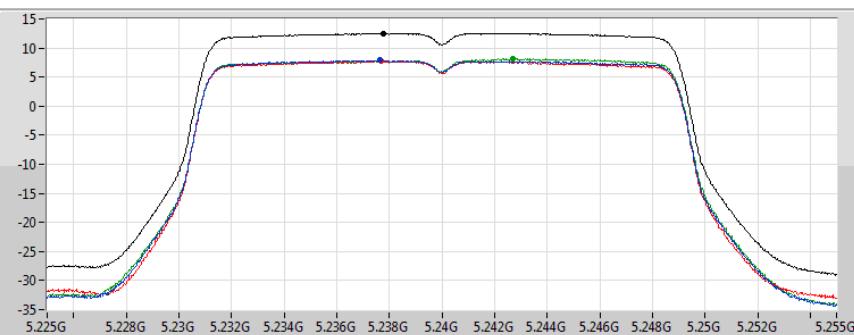
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	8.00	7.97	8.05

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

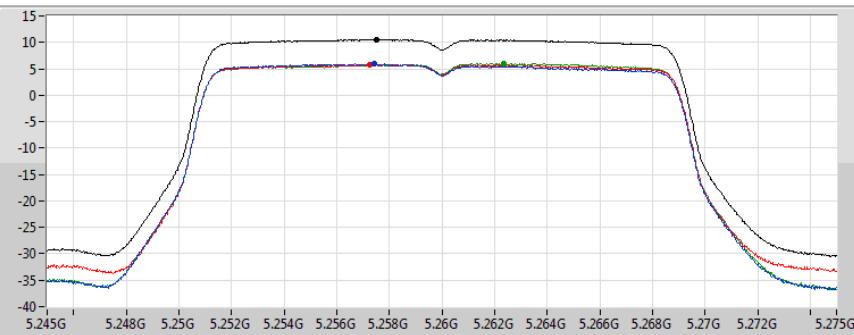
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	7.89	7.75	8.13

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	5.91	5.81	6.01

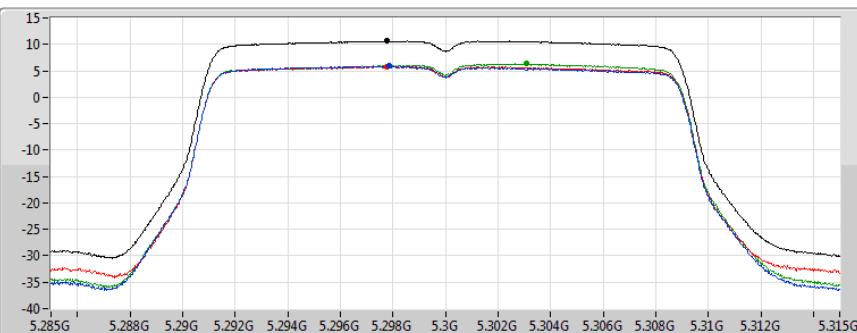


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

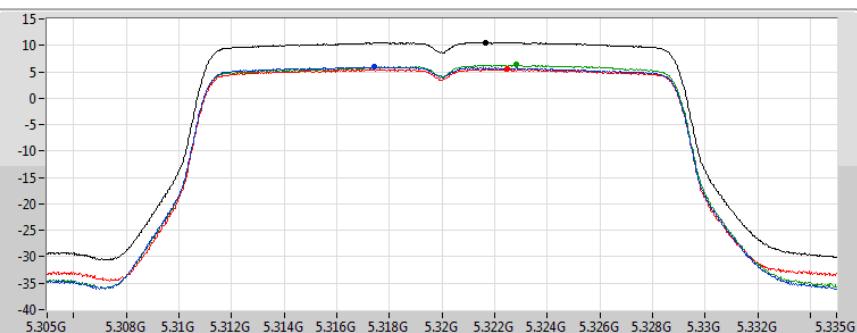
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	5.87	5.85	6.31

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

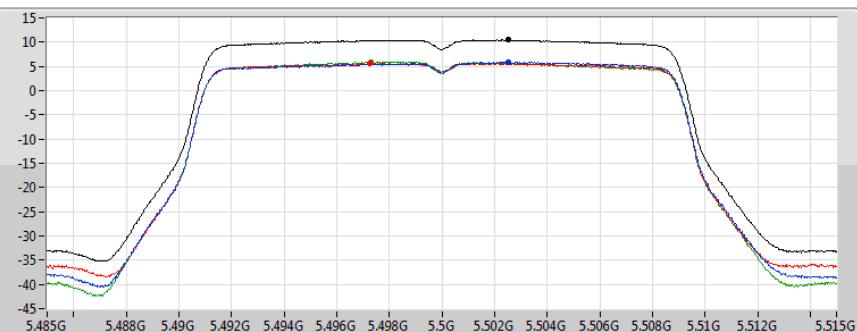
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	5.91	5.48	6.31

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	5.90	5.63	5.90

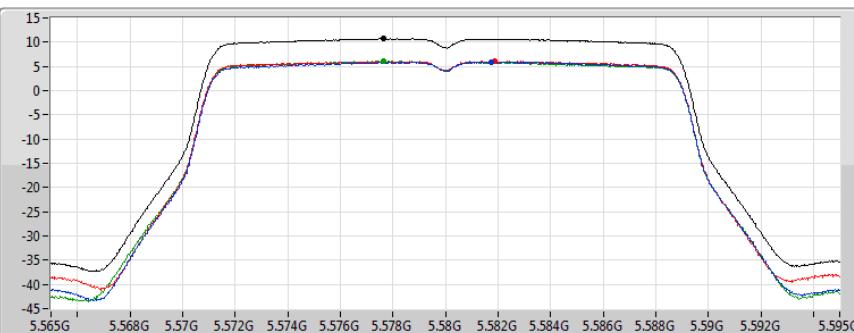


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

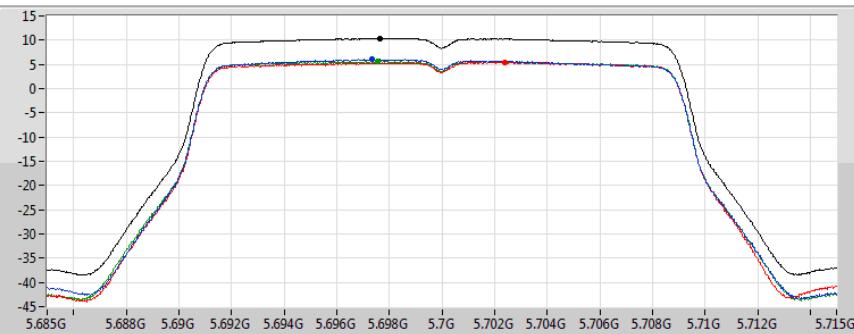
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	5.93	6.06	6.13

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

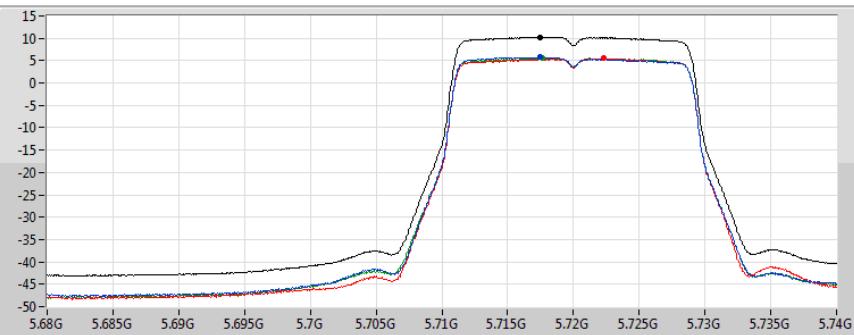
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	6.06	5.47	5.64

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

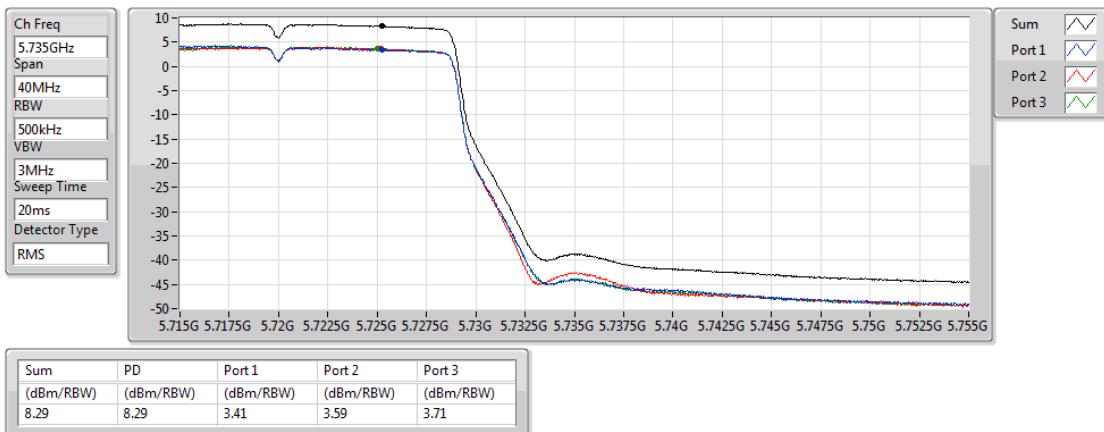
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	5.77	5.50	5.57



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

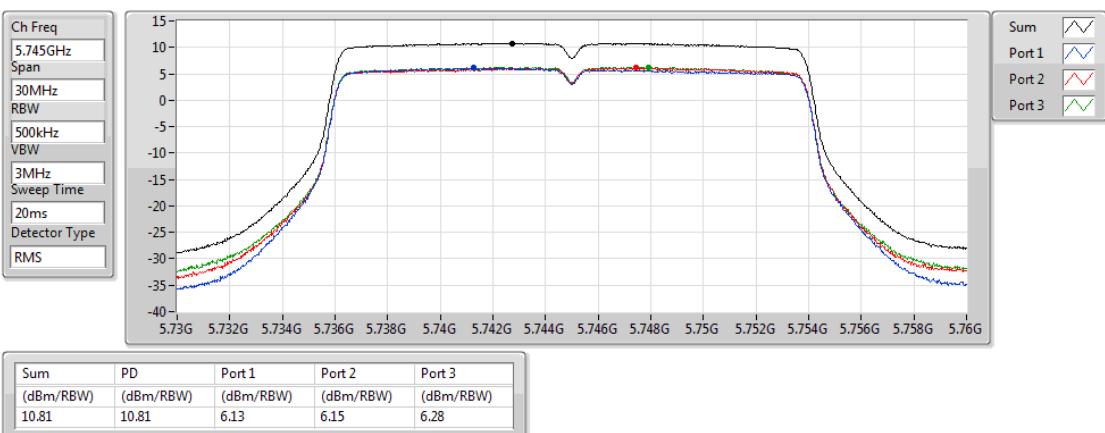
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

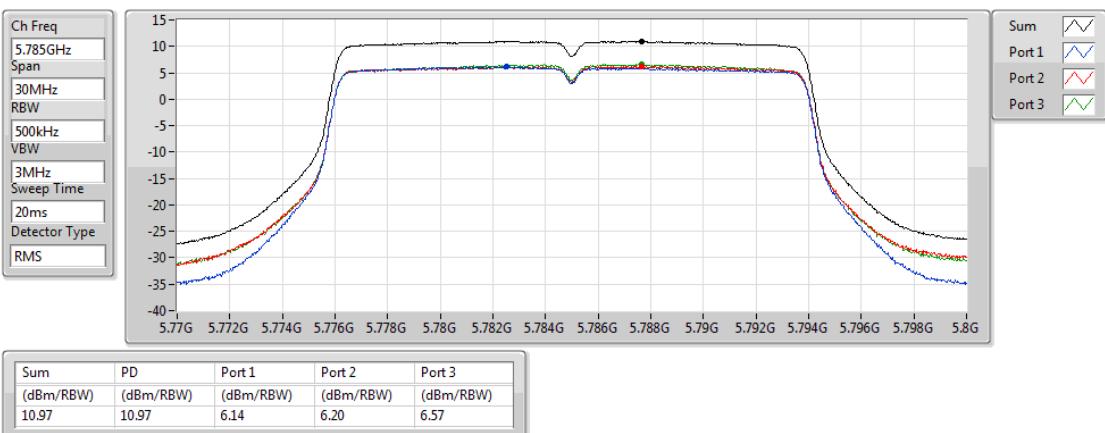
5745MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5785MHz



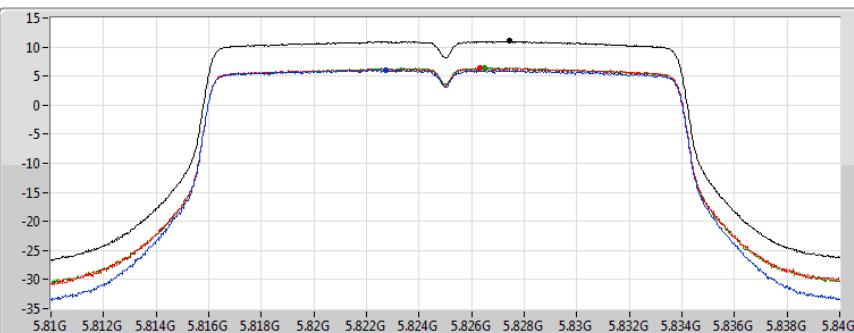


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

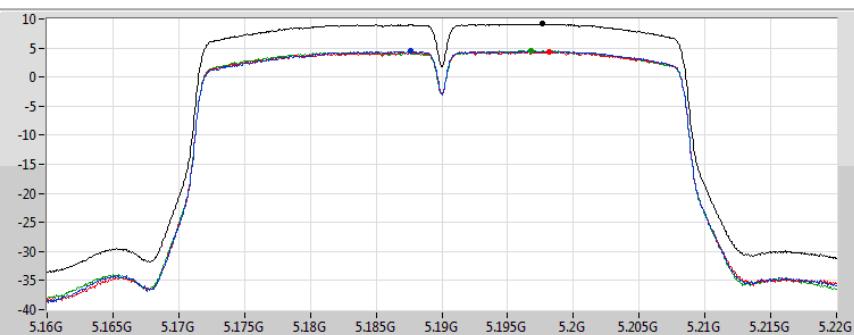
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	6.07	6.35	6.49

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

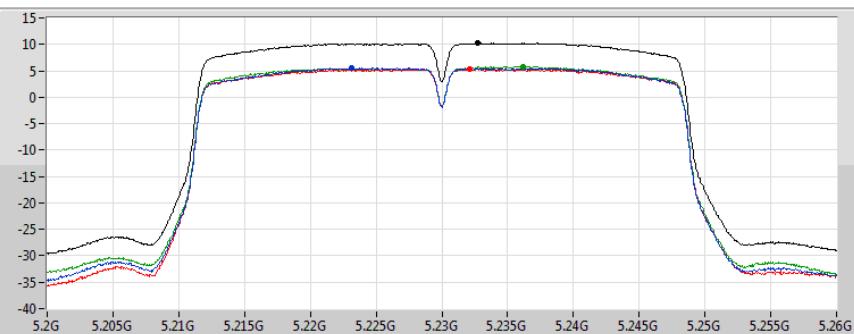
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	4.47	4.36	4.56

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	5.57	5.34	5.79

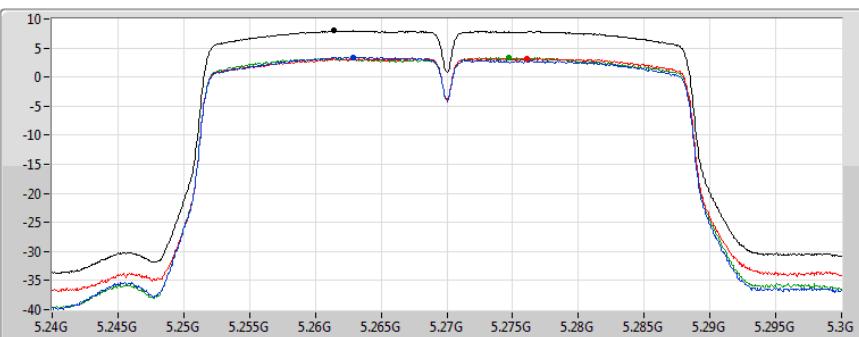


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

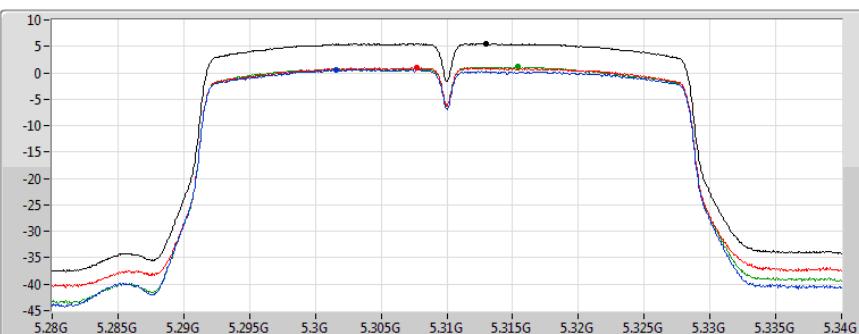
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	3.42	3.22	3.38

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

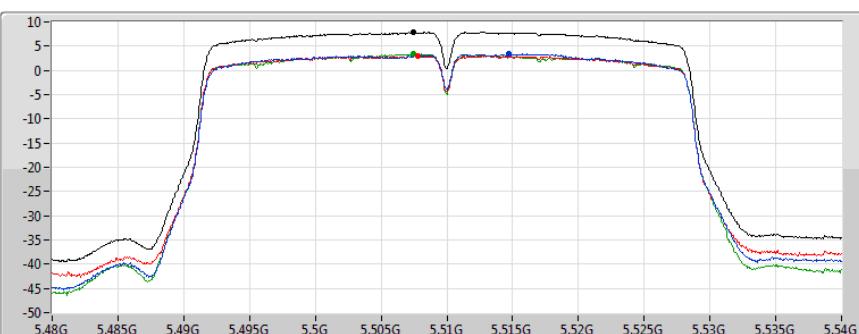
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	0.63	0.98	1.16

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	3.34	2.99	3.34

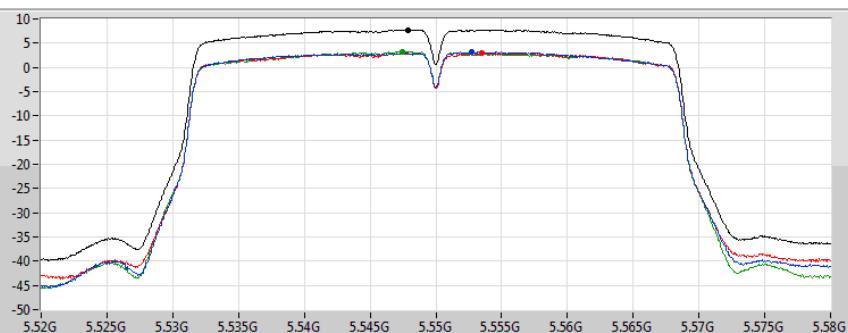


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

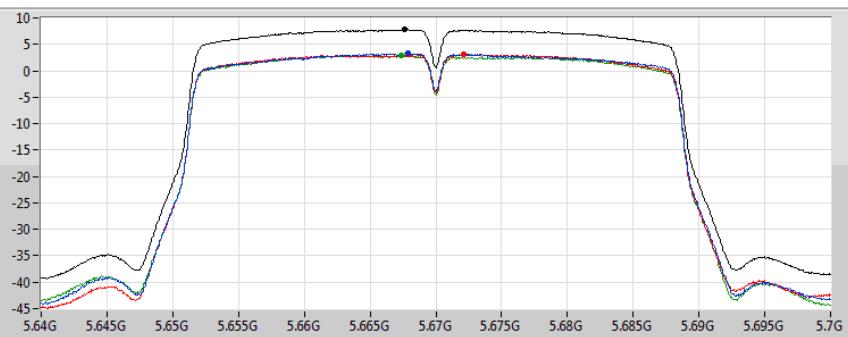
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	3.18	2.92	3.29

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

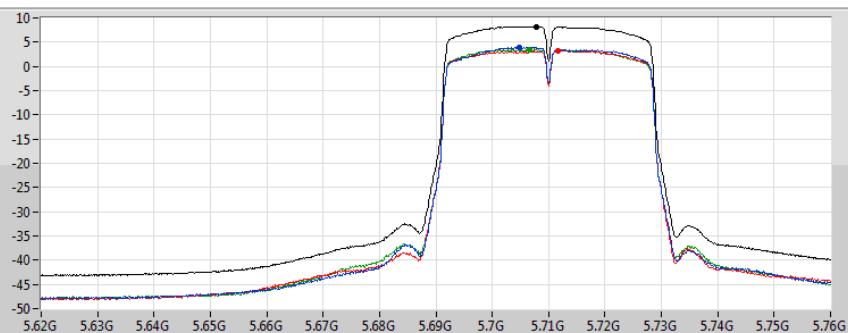
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	3.38	3.09	2.81

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

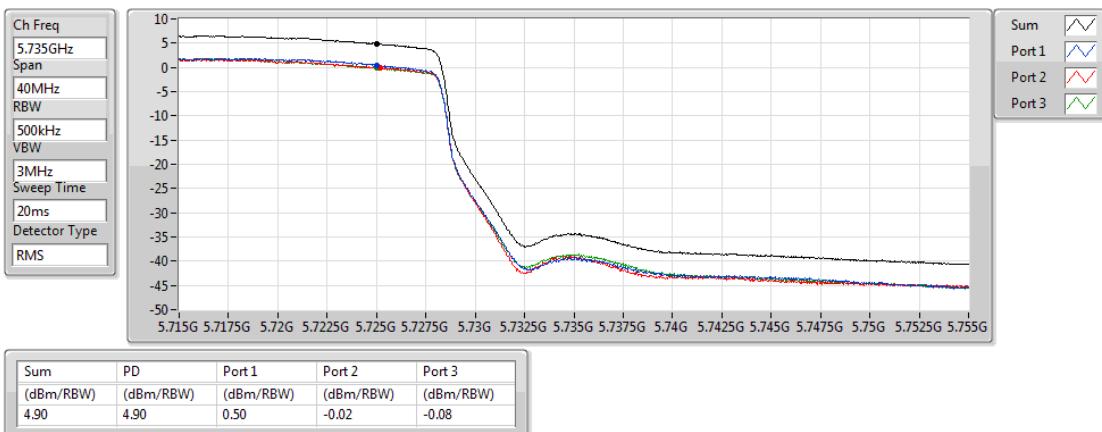
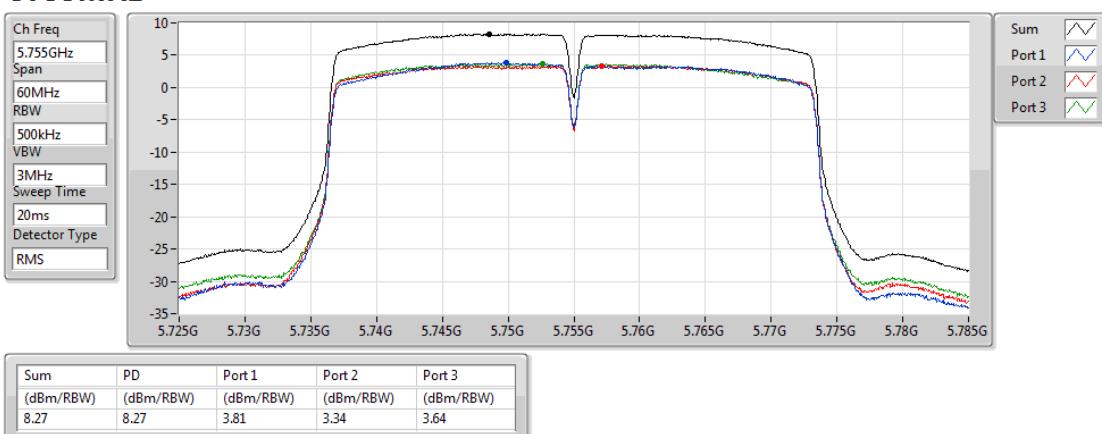
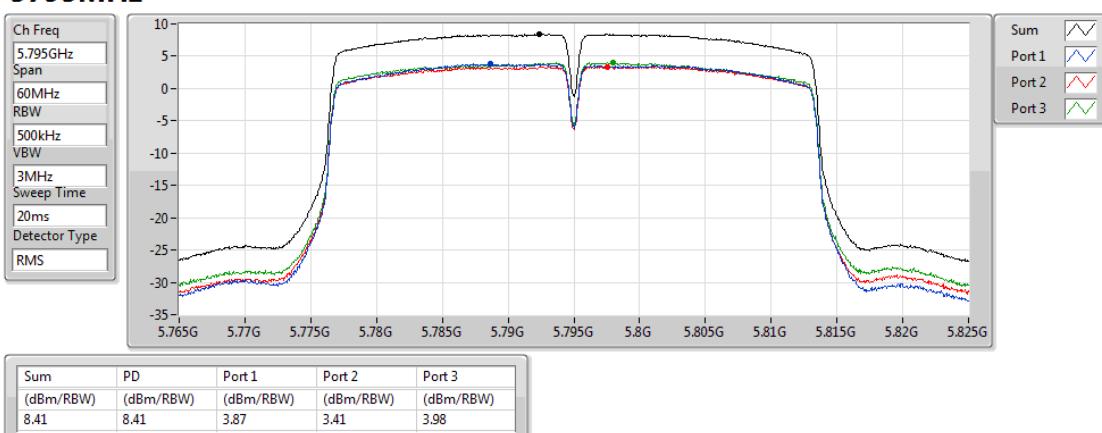
5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	3.98	3.23	3.44

**802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_3TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_3TX
5795MHz****PSD**

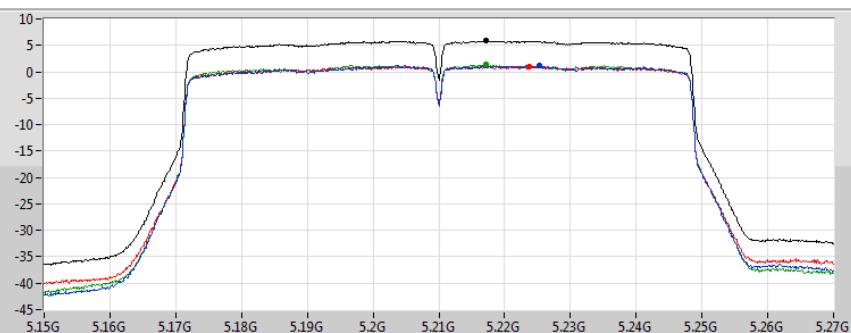


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

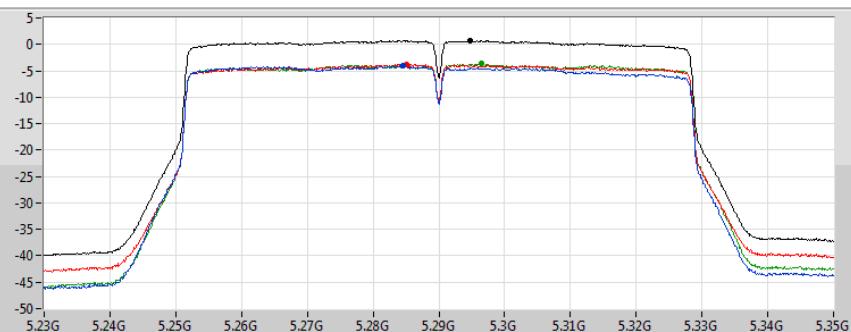
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	1.23	1.01	1.40

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

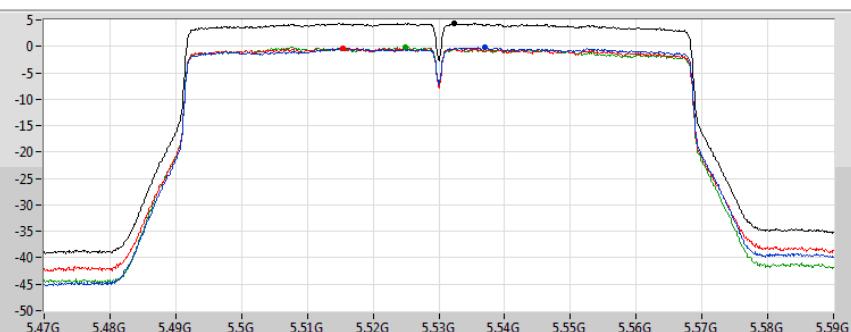
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.71	0.71	-4.07	-3.74	-3.63

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	-0.21	-0.41	-0.16

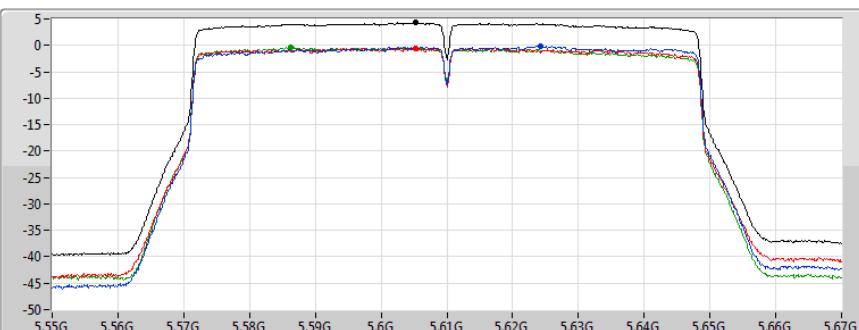


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



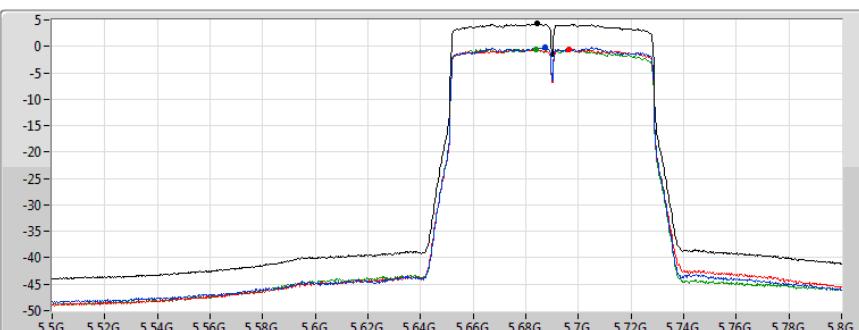
Sum
Port 1
Port 2
Port 3

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



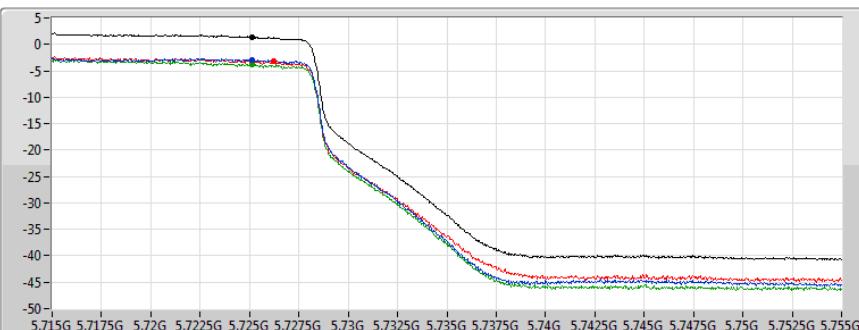
Sum
Port 1
Port 2
Port 3

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

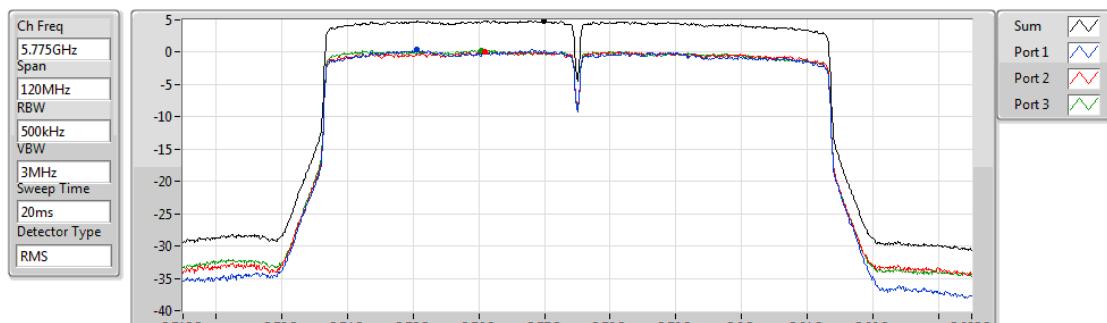
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.27	4.27	-0.14	-0.50	-0.48



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	0.38	0.11	0.31



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.99
5.25-5.35GHz	10.96
5.47-5.725GHz	10.95
5.725-5.85GHz	11.44
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	10.73
5.25-5.35GHz	9.13
5.47-5.725GHz	8.37
5.725-5.85GHz	10.02
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	6.02
5.25-5.35GHz	2.30
5.47-5.725GHz	4.97
5.725-5.85GHz	7.00

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	8.21	8.32	8.14	12.89	17.00
5200MHz	Pass	5.80	8.40	8.24	8.27	12.99	17.00
5240MHz	Pass	5.80	8.51	8.23	8.01	12.92	17.00
5260MHz	Pass	5.80	6.24	6.12	6.20	10.86	11.00
5300MHz	Pass	5.80	6.63	6.16	6.09	10.92	11.00
5320MHz	Pass	5.80	6.67	6.33	5.95	10.96	11.00
5500MHz	Pass	5.80	6.40	6.49	6.02	10.95	11.00
5580MHz	Pass	5.80	6.16	6.06	5.85	10.70	11.00
5700MHz	Pass	5.80	6.16	6.64	5.92	10.91	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	5.49	5.86	5.42	10.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	3.43	3.20	3.35	8.03	30.00
5745MHz	Pass	5.80	6.91	6.68	6.44	11.37	30.00
5785MHz	Pass	5.80	6.93	6.79	6.71	11.44	30.00
5825MHz	Pass	5.80	6.92	6.53	6.52	11.34	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.80	6.11	6.15	5.92	10.73	17.00
5230MHz	Pass	5.80	6.15	5.73	5.39	10.50	17.00
5270MHz	Pass	5.80	3.57	3.64	3.69	8.28	11.00
5310MHz	Pass	5.80	4.68	4.60	4.30	9.13	11.00
5510MHz	Pass	5.80	3.81	3.97	3.40	8.37	11.00
5550MHz	Pass	5.80	3.72	3.72	3.38	8.24	11.00
5670MHz	Pass	5.80	3.28	3.86	3.49	8.22	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	3.41	3.94	3.31	8.19	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.80	-0.40	0.18	-0.49	4.51	30.00
5755MHz	Pass	5.80	5.59	5.56	4.96	9.93	30.00
5795MHz	Pass	5.80	5.42	5.58	5.09	10.02	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.80	1.59	1.48	1.08	6.02	17.00
5290MHz	Pass	5.80	-2.43	-2.08	-2.43	2.30	11.00
5530MHz	Pass	5.80	-0.37	-0.44	-0.67	4.07	11.00
5610MHz	Pass	5.80	0.35	0.52	0.19	4.97	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	-0.31	0.36	-0.39	4.45	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.80	-3.25	-2.19	-2.80	2.03	30.00
5775MHz	Pass	5.80	2.54	2.58	2.06	7.00	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

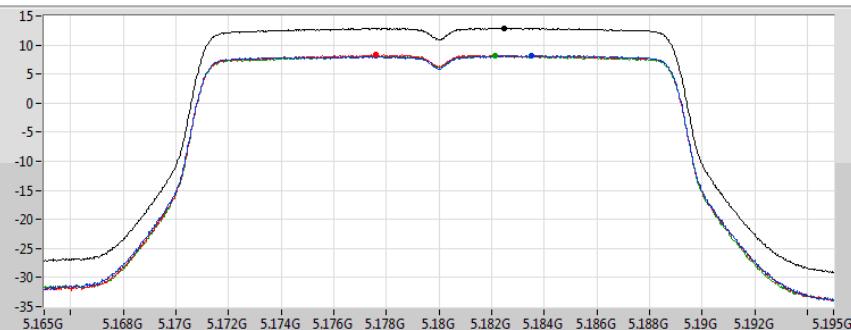


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

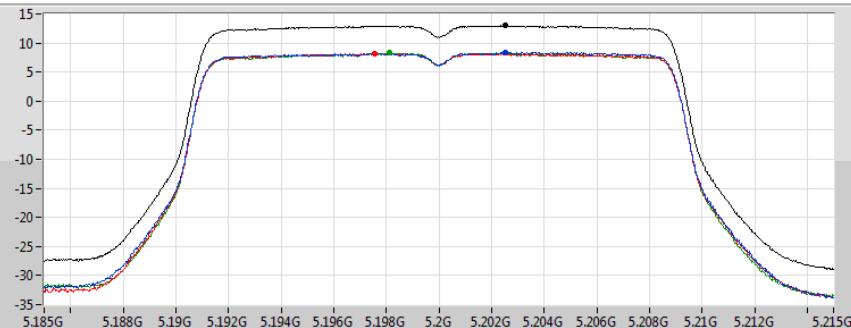
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.89	12.89	8.21	8.32	8.14

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

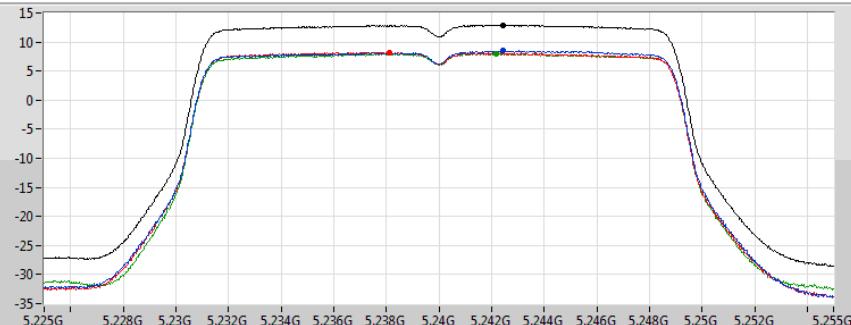
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	8.40	8.24	8.27

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

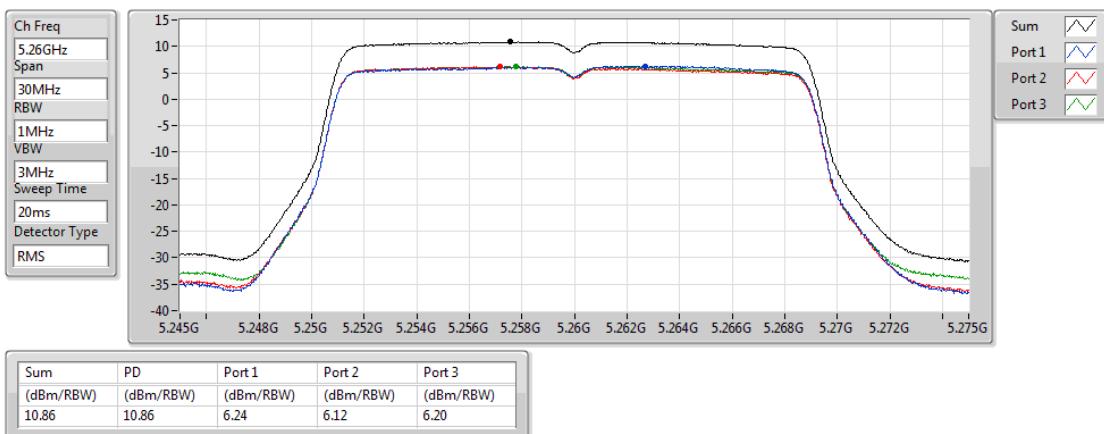
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.92	12.92	8.51	8.23	8.01



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

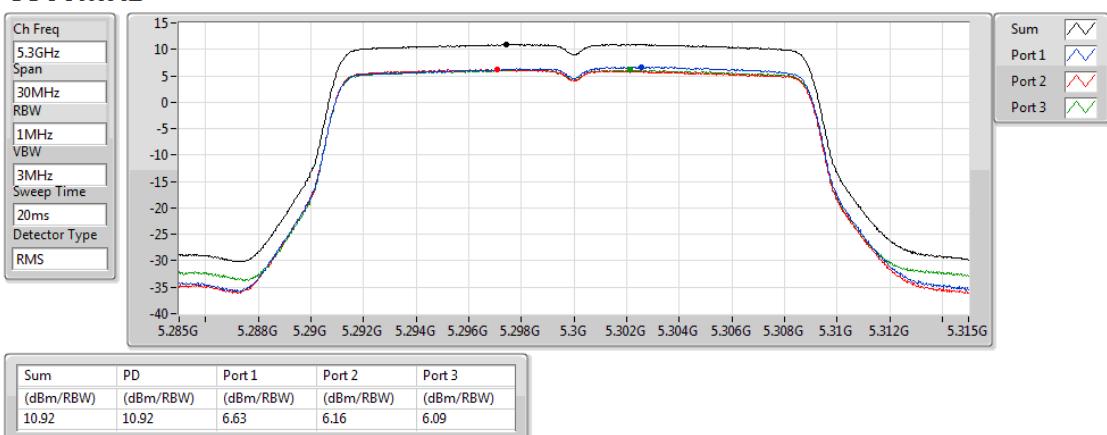
5260MHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

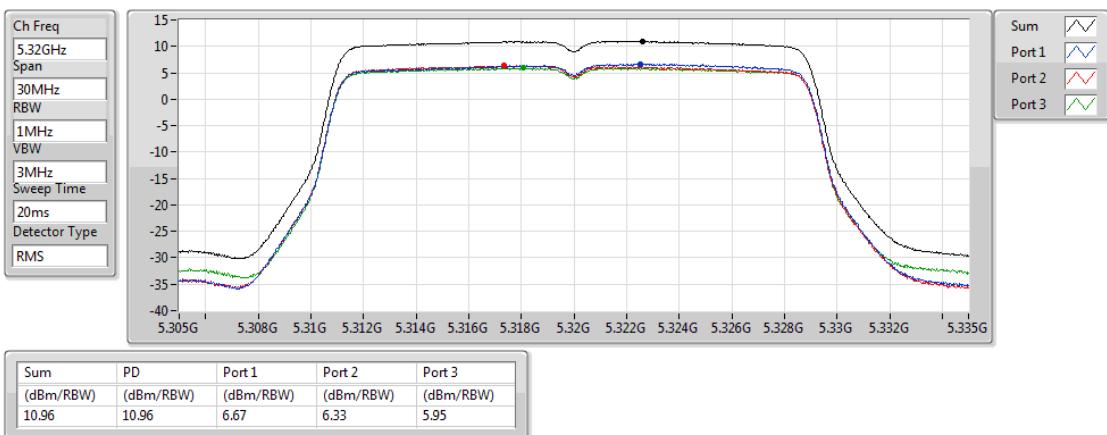
5300MHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5320MHz



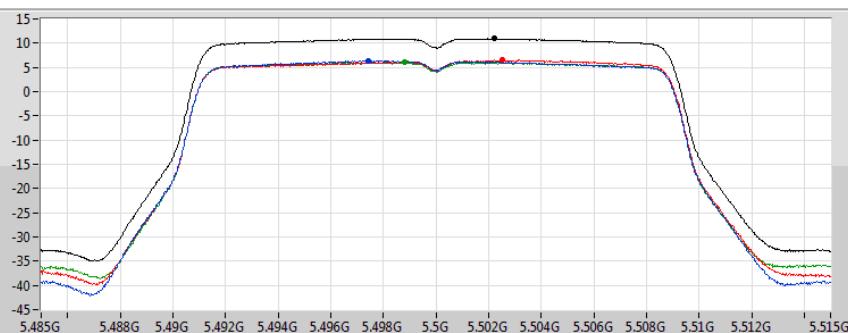


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



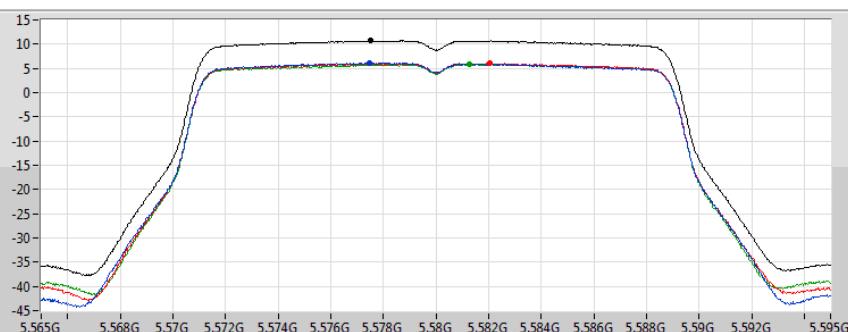
Sum
Port 1
Port 2
Port 3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



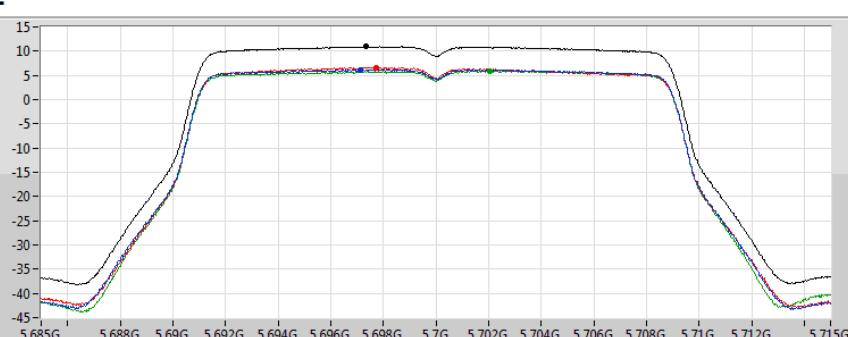
Sum
Port 1
Port 2
Port 3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



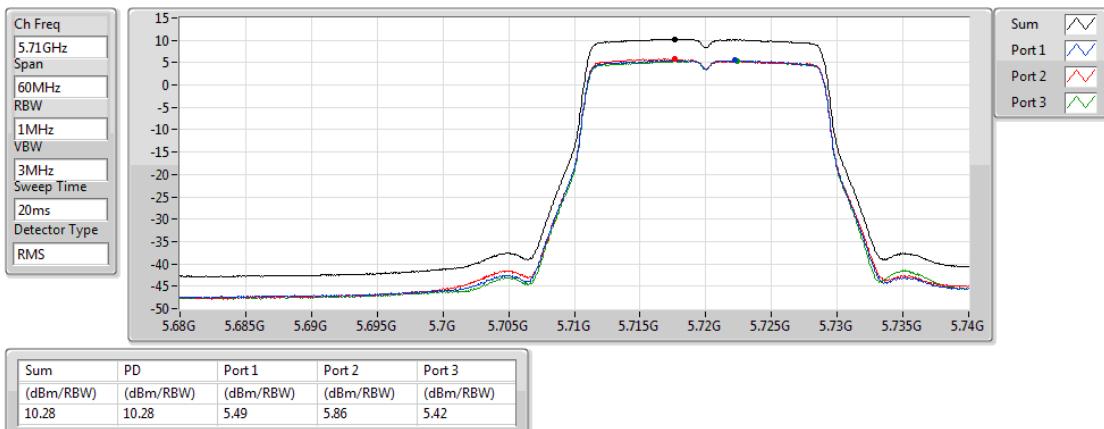
Sum
Port 1
Port 2
Port 3



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

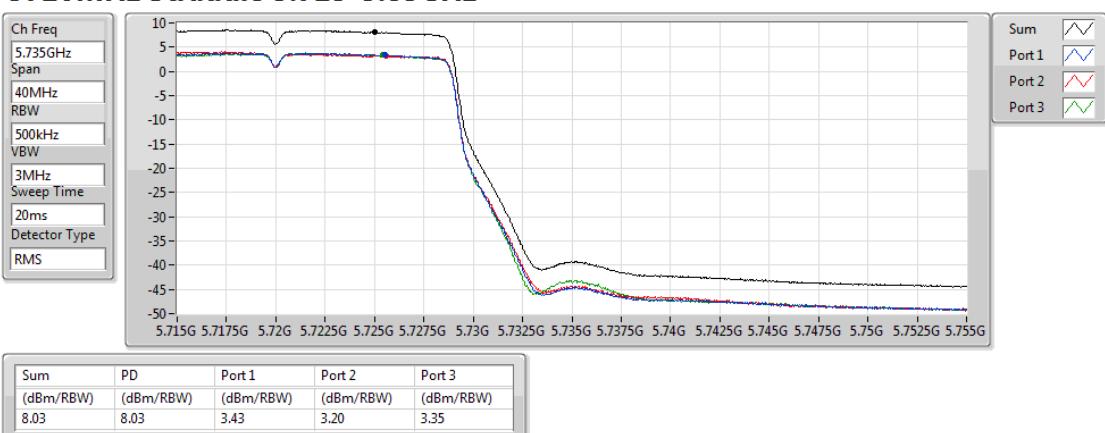
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

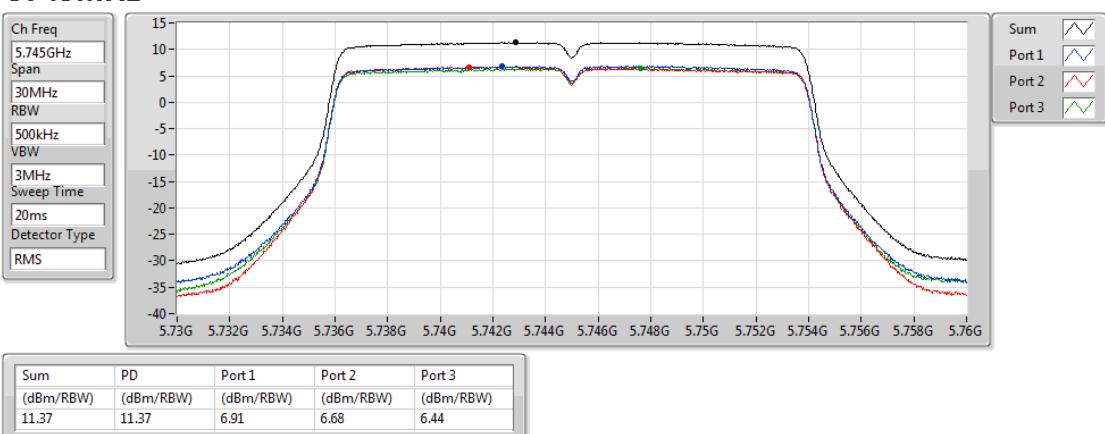
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5745MHz



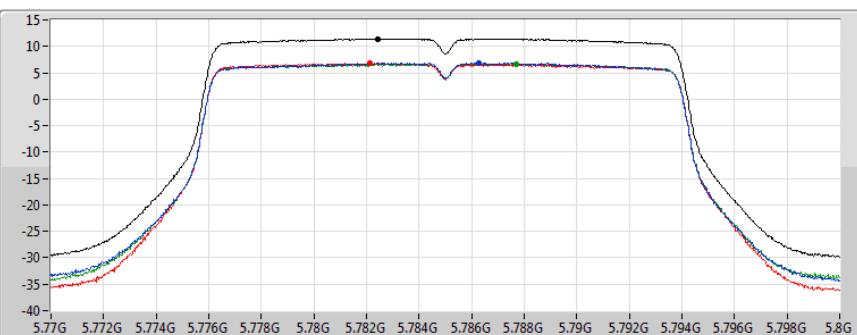


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

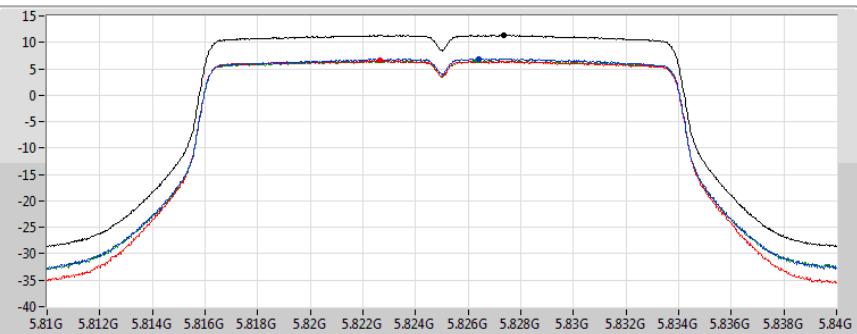
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	6.93	6.79	6.71

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

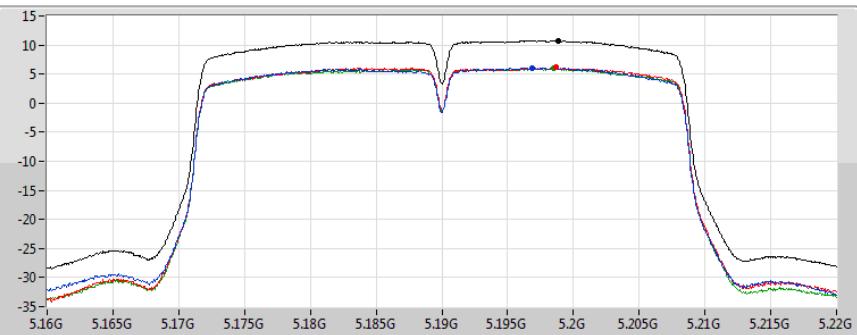
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.34	11.34	6.92	6.53	6.52

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	6.11	6.15	5.92

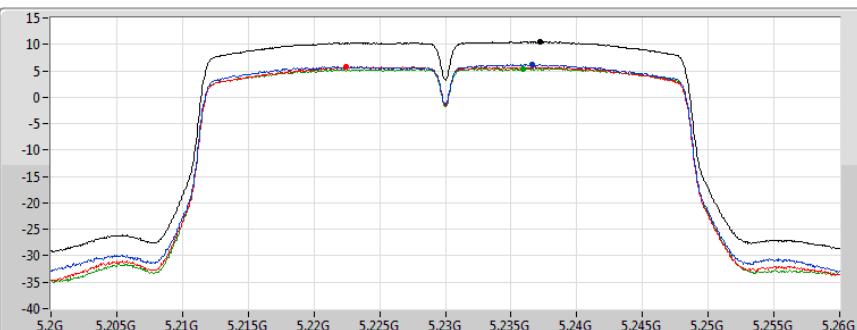


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



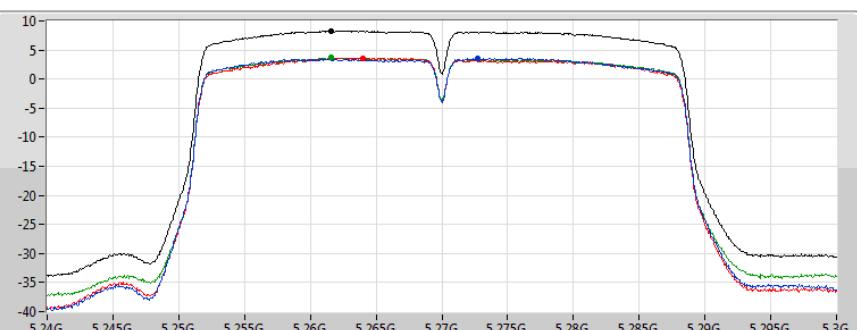
Sum
Port 1
Port 2
Port 3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



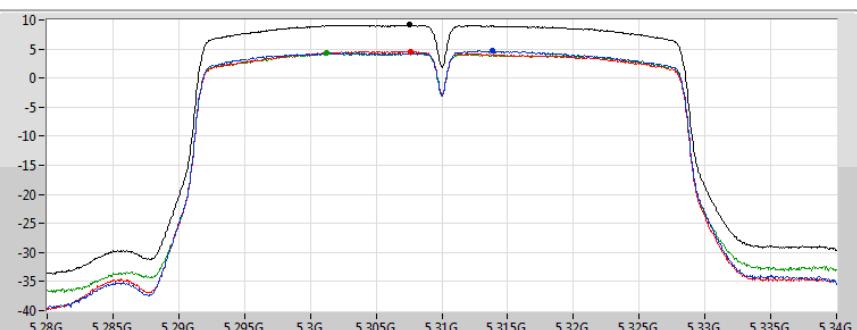
Sum
Port 1
Port 2
Port 3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

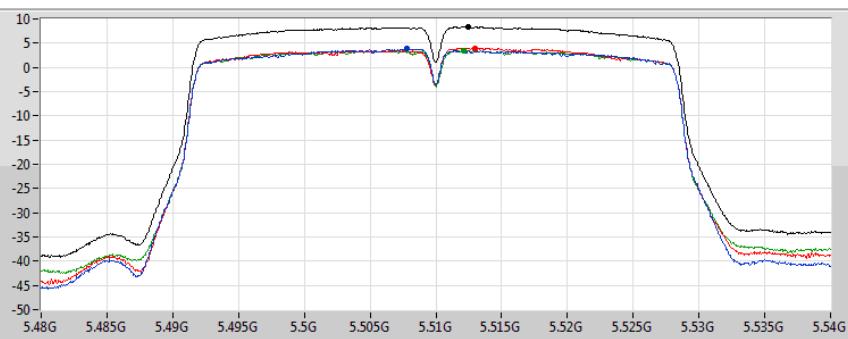


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



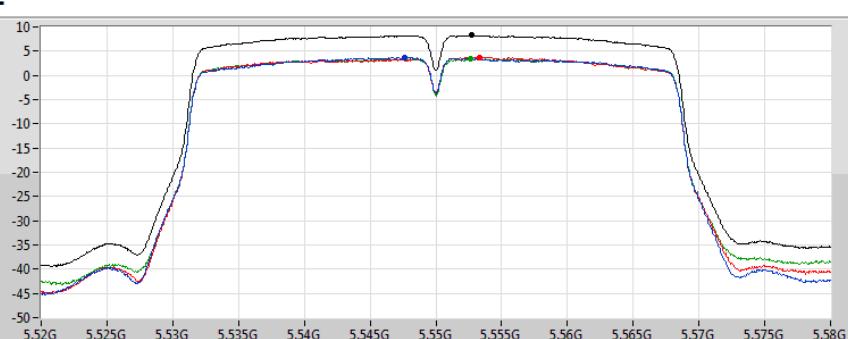
Sum
Port 1
Port 2
Port 3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



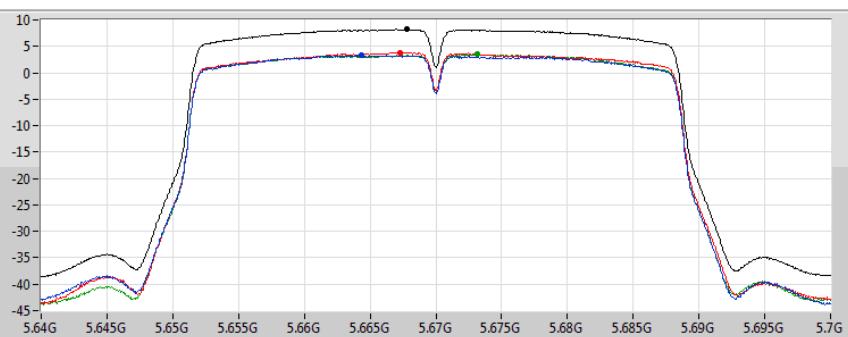
Sum
Port 1
Port 2
Port 3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



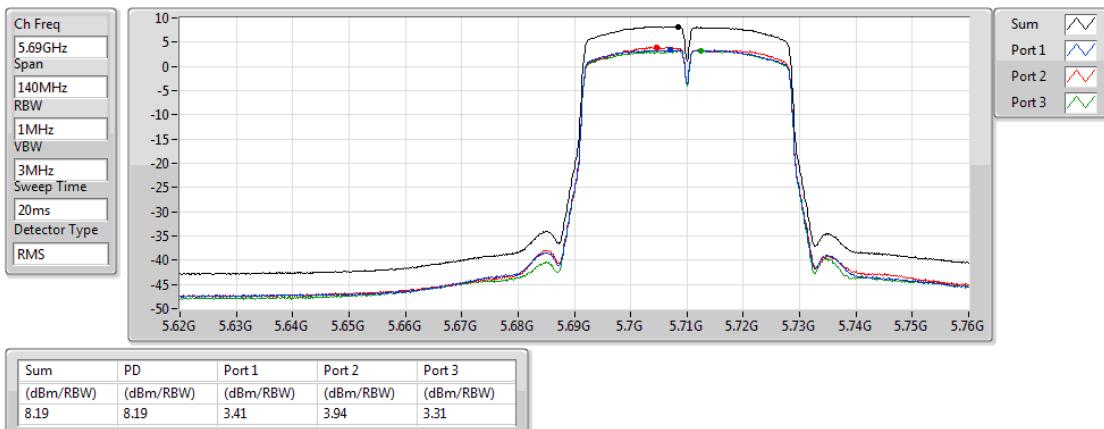
Sum
Port 1
Port 2
Port 3



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

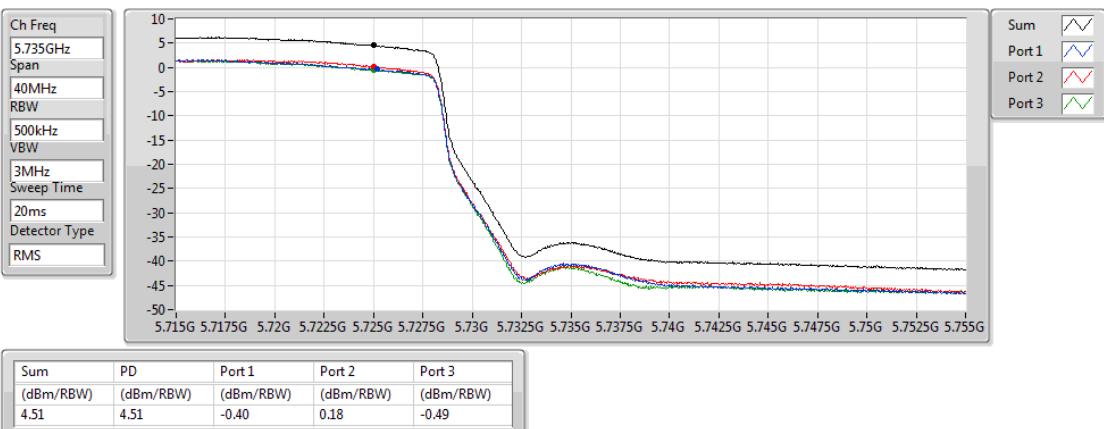
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

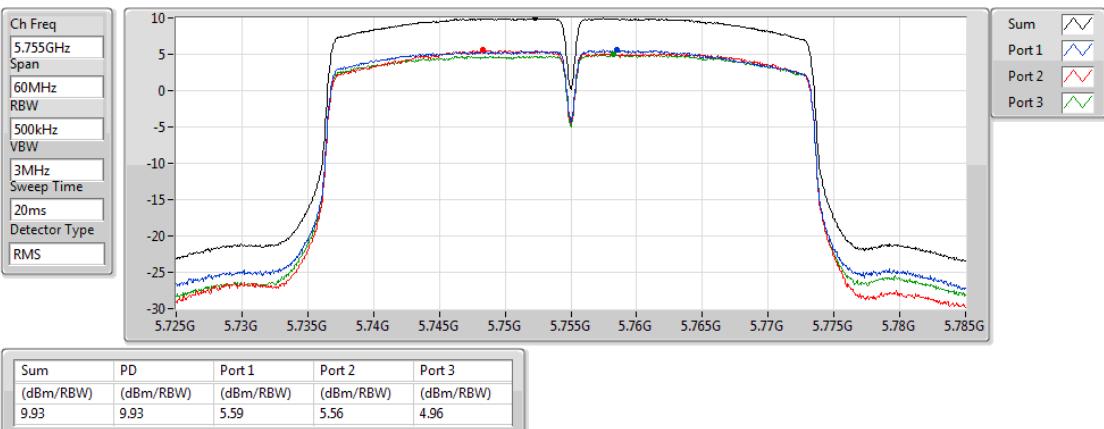
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5755MHz



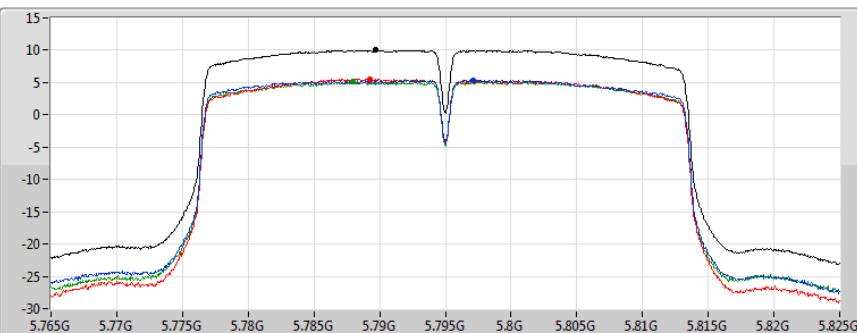


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

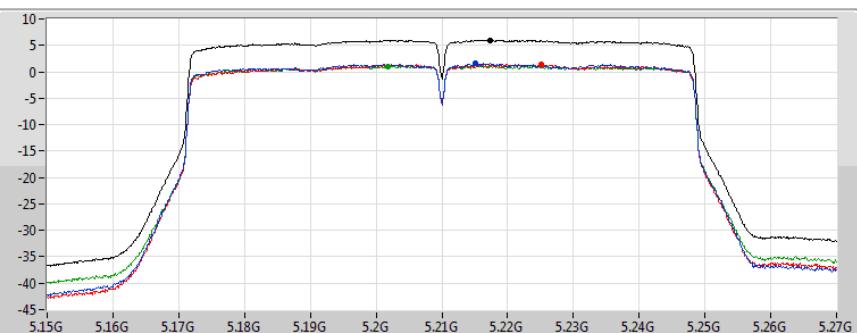
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	5.42	5.58	5.09

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

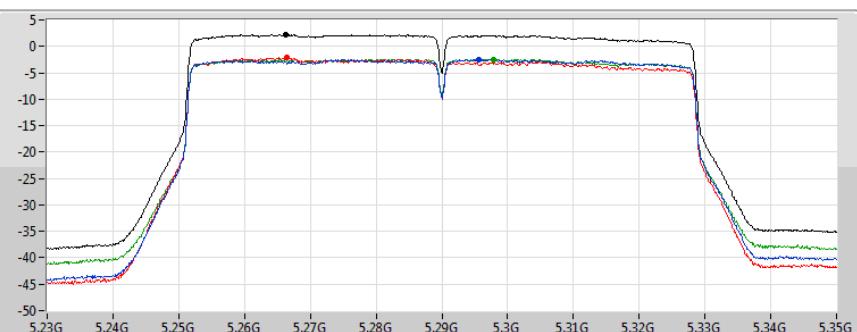
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	1.59	1.48	1.08

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	-2.43	-2.08	-2.43

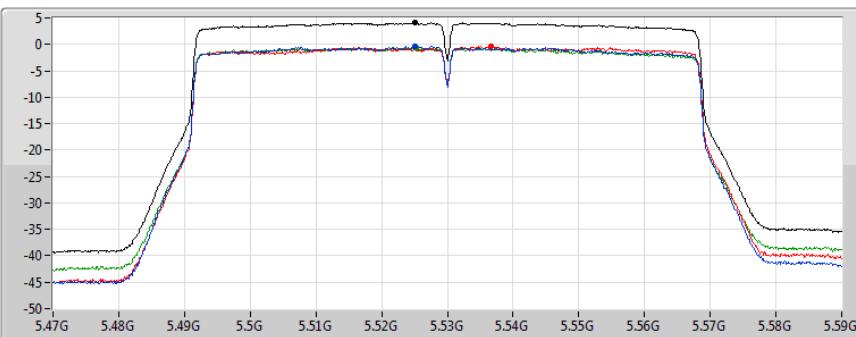


802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

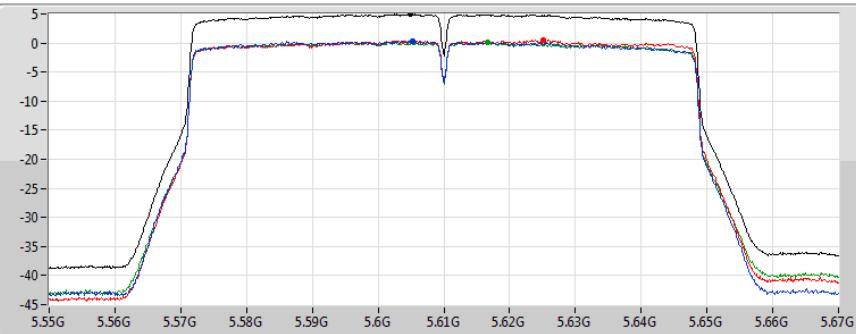
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	-0.37	-0.44	-0.67

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

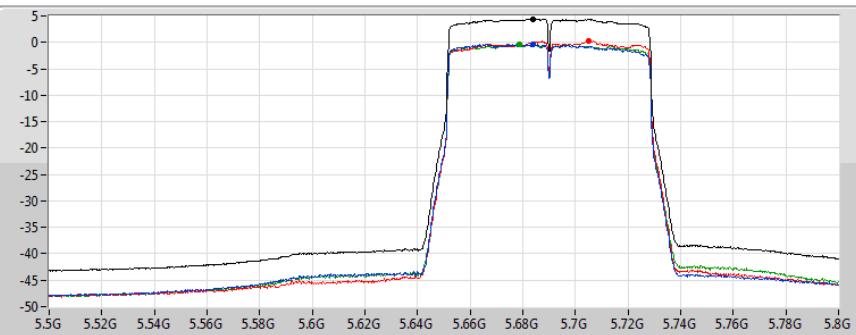
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	0.35	0.52	0.19

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

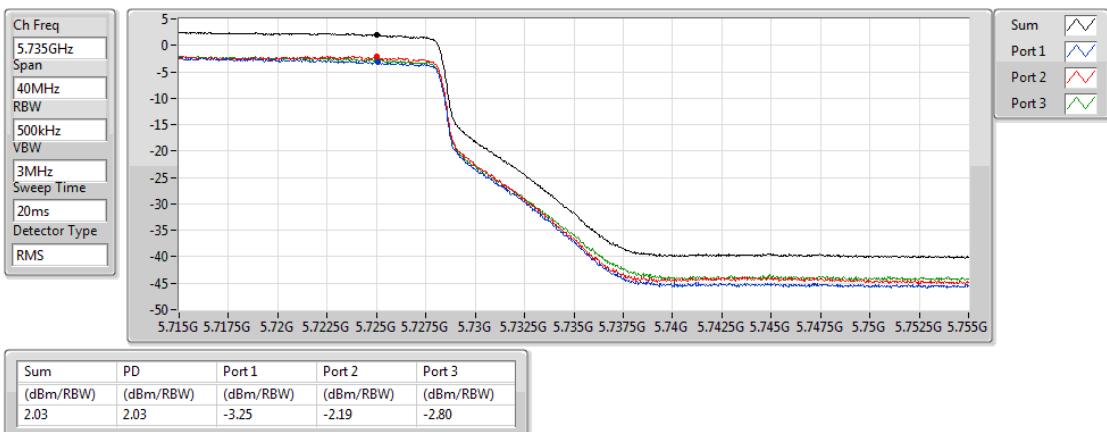
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.45	4.45	-0.31	0.36	-0.39



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

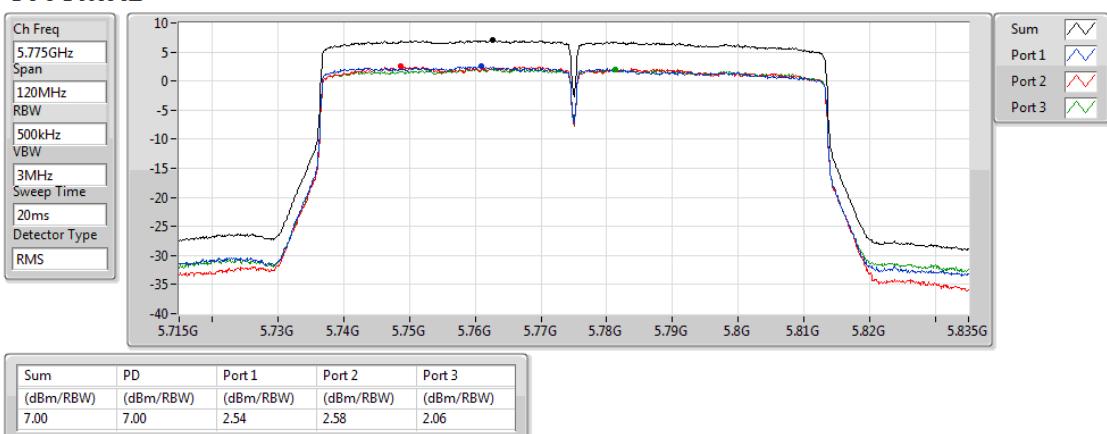
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5775MHz



**For Radio 3:****For Set 2 antennas / 1TX:****Summary**

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	7.61
5.25-5.35GHz	8.00
5.47-5.725GHz	7.55
5.725-5.85GHz	5.81
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	7.31
5.25-5.35GHz	7.97
5.47-5.725GHz	7.34
5.725-5.85GHz	5.54
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.64
5.25-5.35GHz	3.55
5.47-5.725GHz	5.37
5.725-5.85GHz	3.15
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-6.90
5.25-5.35GHz	-7.08
5.47-5.725GHz	2.67
5.725-5.85GHz	-1.22

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.20	5.14	5.14	11.00
5200MHz	Pass	5.20	7.61	7.61	11.00
5240MHz	Pass	5.20	4.62	4.62	11.00
5260MHz	Pass	5.20	8.00	8.00	11.00
5300MHz	Pass	5.20	7.80	7.80	11.00
5320MHz	Pass	5.20	3.79	3.79	11.00
5500MHz	Pass	5.20	4.09	4.09	11.00
5580MHz	Pass	5.20	7.27	7.27	11.00
5700MHz	Pass	5.20	3.25	3.25	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.20	7.55	7.55	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	5.74	5.74	30.00
5745MHz	Pass	5.20	5.81	5.81	30.00
5785MHz	Pass	5.20	5.39	5.39	30.00
5825MHz	Pass	5.20	4.78	4.78	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.20	5.08	5.08	11.00
5200MHz	Pass	5.20	7.31	7.31	11.00
5240MHz	Pass	5.20	4.82	4.82	11.00
5260MHz	Pass	5.20	7.97	7.97	11.00
5300MHz	Pass	5.20	7.72	7.72	11.00
5320MHz	Pass	5.20	4.20	4.20	11.00
5500MHz	Pass	5.20	4.55	4.55	11.00
5580MHz	Pass	5.20	6.93	6.93	11.00
5700MHz	Pass	5.20	5.92	5.92	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.20	7.34	7.34	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	5.54	5.54	30.00
5745MHz	Pass	5.20	5.22	5.22	30.00
5785MHz	Pass	5.20	5.09	5.09	30.00
5825MHz	Pass	5.20	4.52	4.52	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.20	-3.68	-3.68	11.00
5230MHz	Pass	5.20	1.64	1.64	11.00
5270MHz	Pass	5.20	3.55	3.55	11.00
5310MHz	Pass	5.20	-3.47	-3.47	11.00
5510MHz	Pass	5.20	-2.28	-2.28	11.00
5550MHz	Pass	5.20	3.40	3.40	11.00
5670MHz	Pass	5.20	3.26	3.26	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.20	5.37	5.37	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.20	2.70	2.70	30.00
5755MHz	Pass	5.20	2.10	2.10	30.00
5795MHz	Pass	5.20	3.15	3.15	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.20	-6.90	-6.90	11.00
5290MHz	Pass	5.20	-7.08	-7.08	11.00
5530MHz	Pass	5.20	-8.00	-8.00	11.00
5610MHz	Pass	5.20	0.10	0.10	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.20	2.67	2.67	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.20	-1.22	-1.22	30.00
5775MHz	Pass	5.20	-2.00	-2.00	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

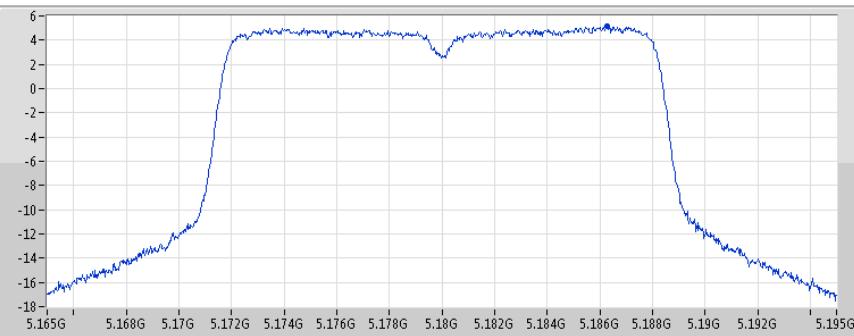


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Port 1

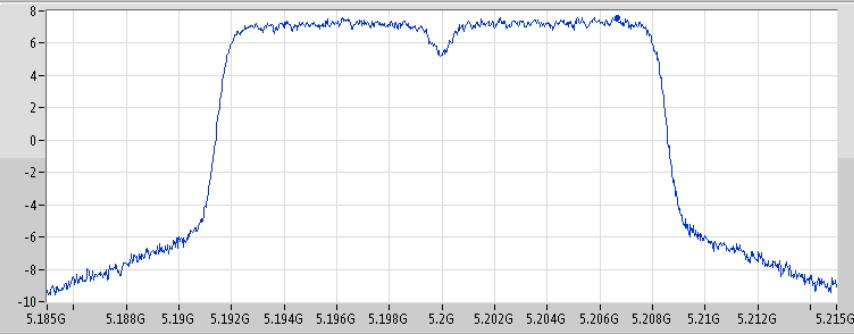
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.14	5.14	5.14

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq	5.2GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Port 1

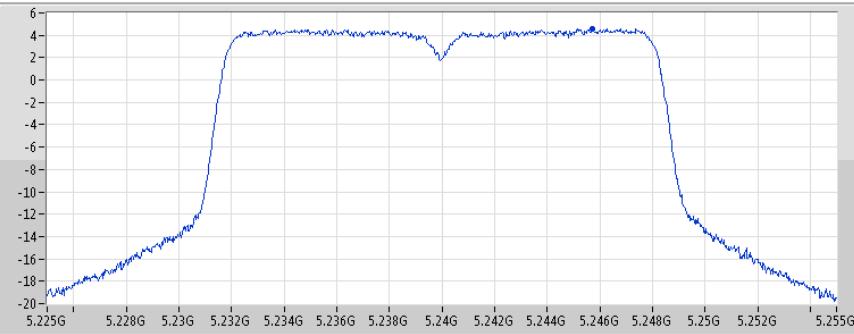
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	7.61

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	4.62

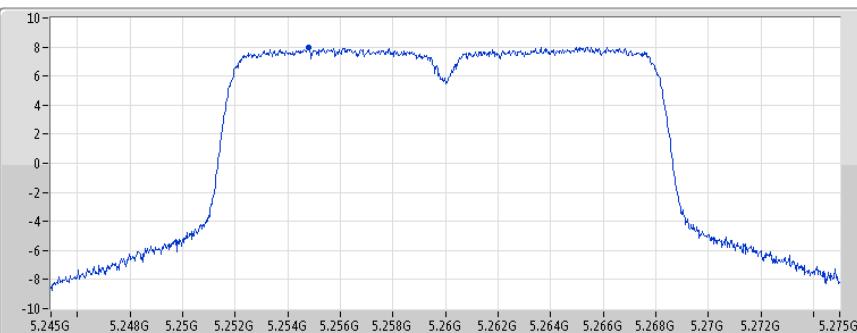


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

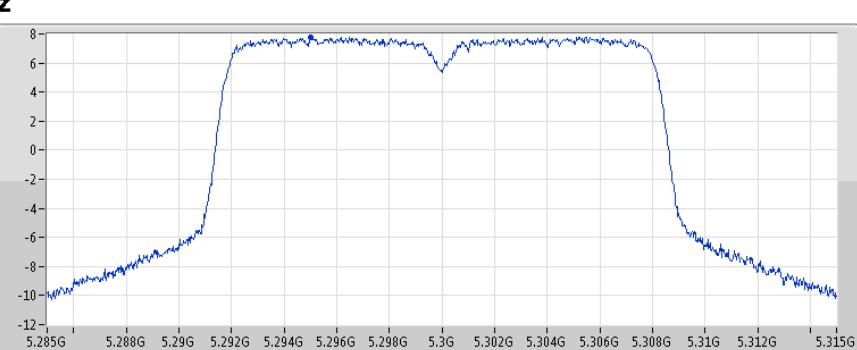


802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

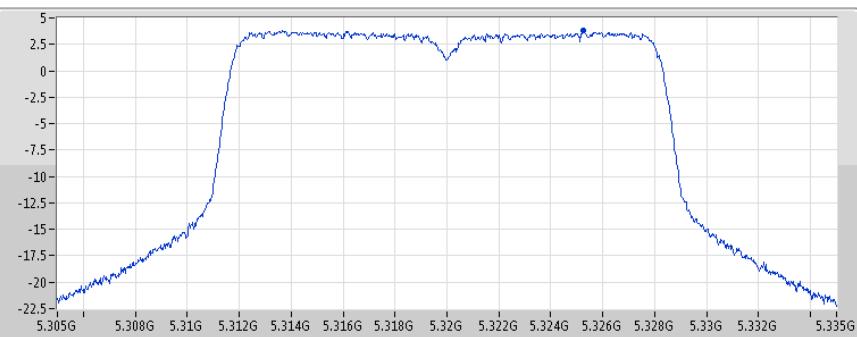


802.11a_(6Mbps)_1TX

PSD

5320MHz

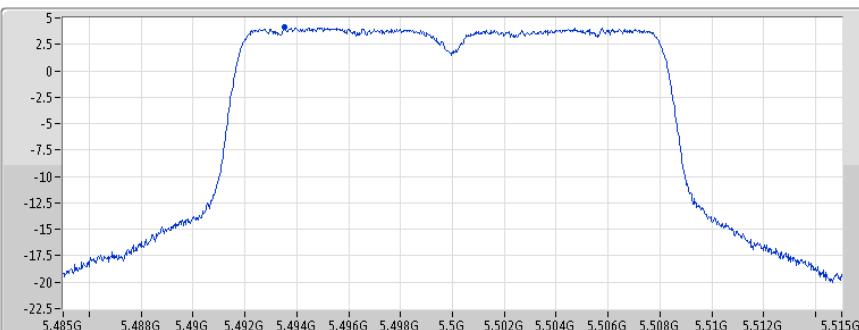
Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



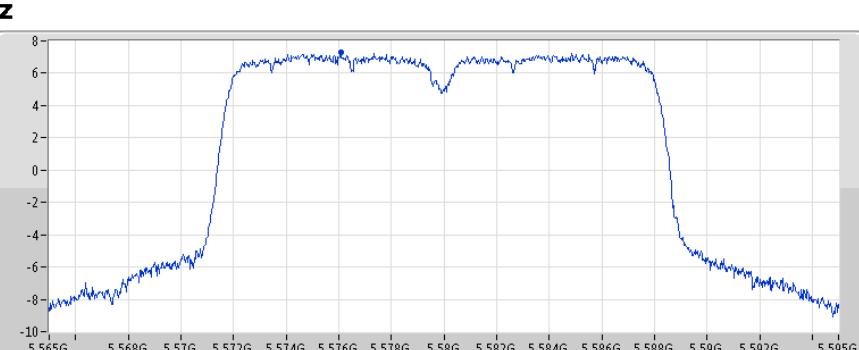
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	8.00
7.80	7.80	7.80
3.79	3.79	3.79

**802.11a_(6Mbps)_1TX****PSD****5500MHz**

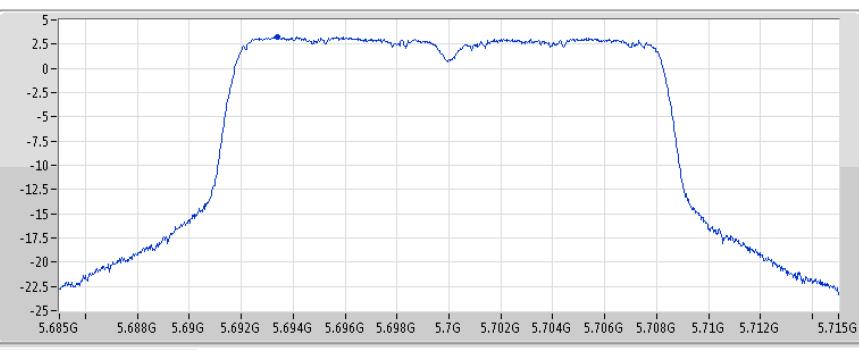
Ch Freq	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5580MHz**

Ch Freq	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

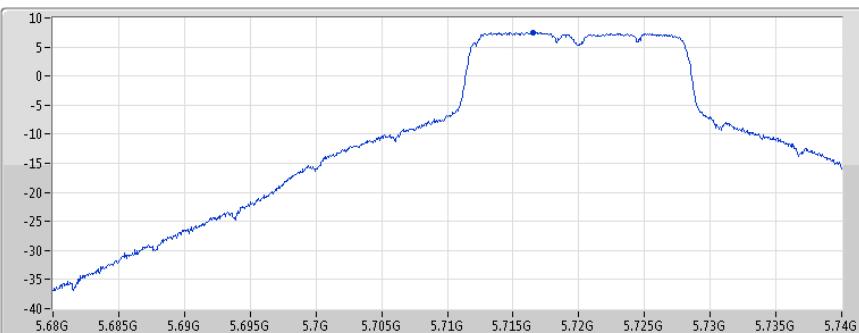
**802.11a_(6Mbps)_1TX****PSD****5700MHz**

Ch Freq	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



**802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.47-5.725GHz**

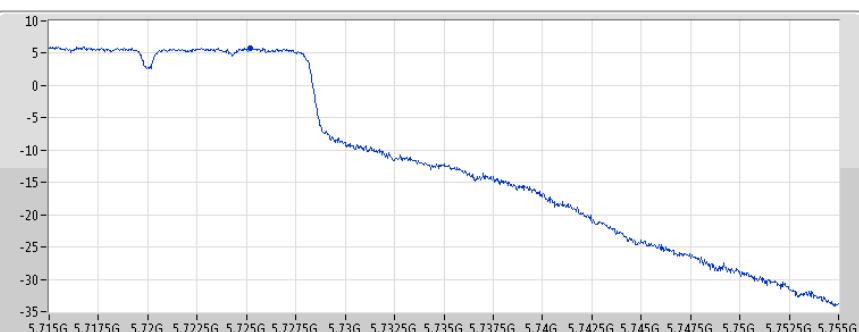
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	7.55

802.11a_(6Mbps)_1TX**PSD****5720MHz Straddle 5.725-5.85GHz**

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

802.11a_(6Mbps)_1TX**PSD****5745MHz**

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	5.81

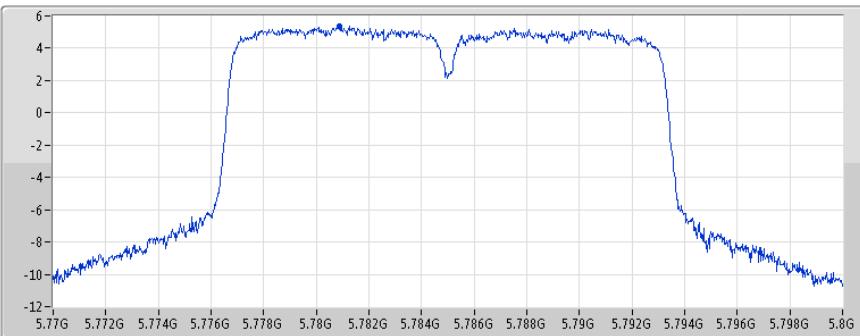


802.11a_(6Mbps)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



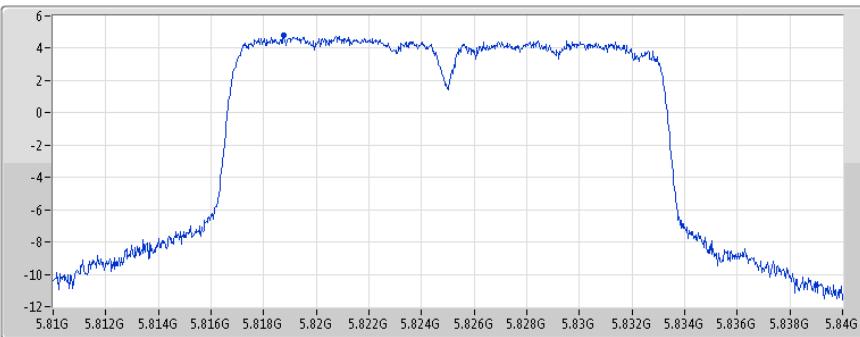
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	5.39

802.11a_(6Mbps)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



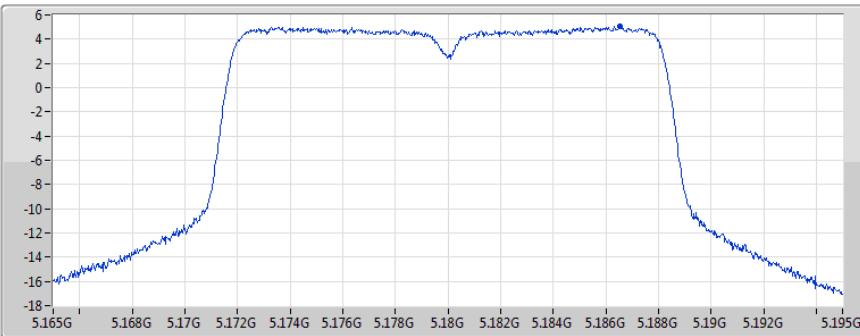
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	4.78

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	5.08

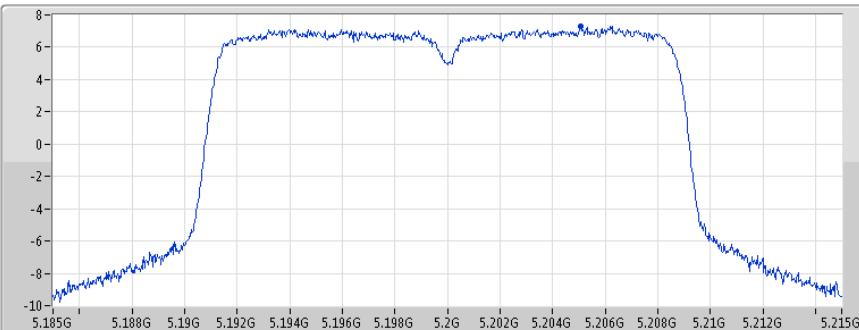


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



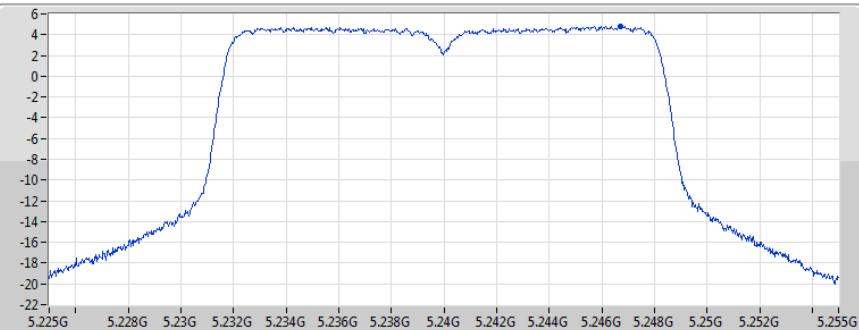
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	7.31

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



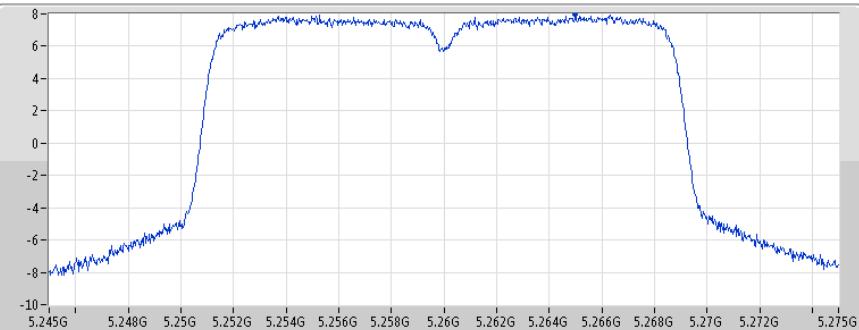
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	4.82

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	7.97



802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



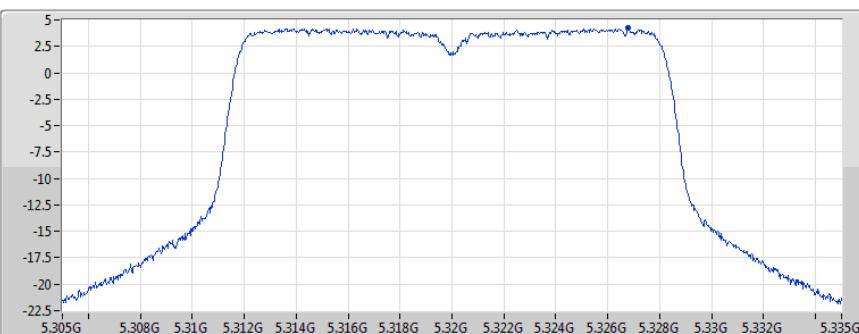
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	7.72

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



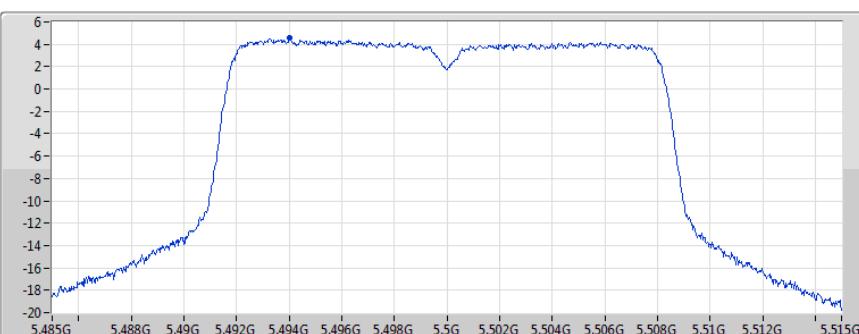
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	4.20

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	4.55

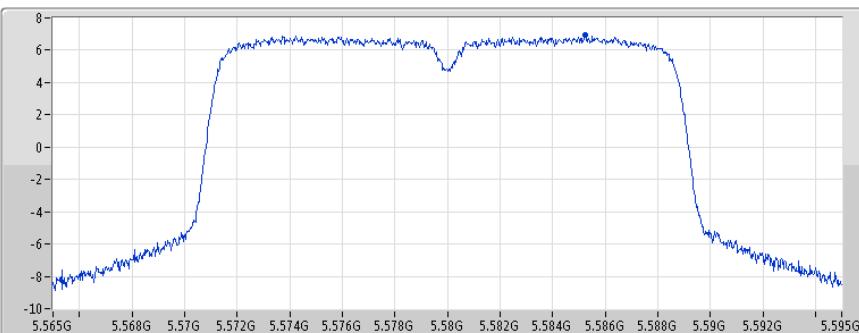


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

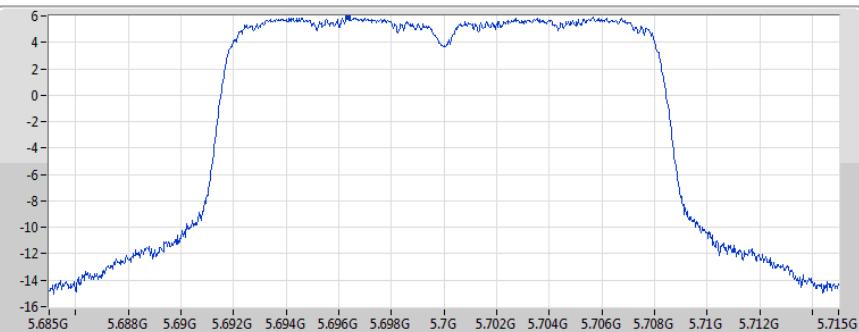
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	6.93

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

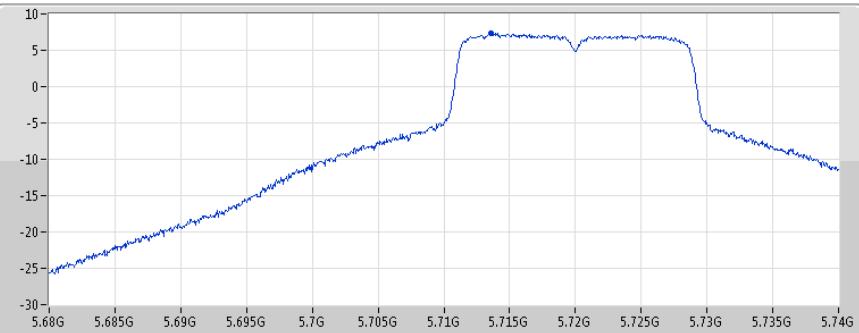
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	5.92

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.34	7.34	7.34

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

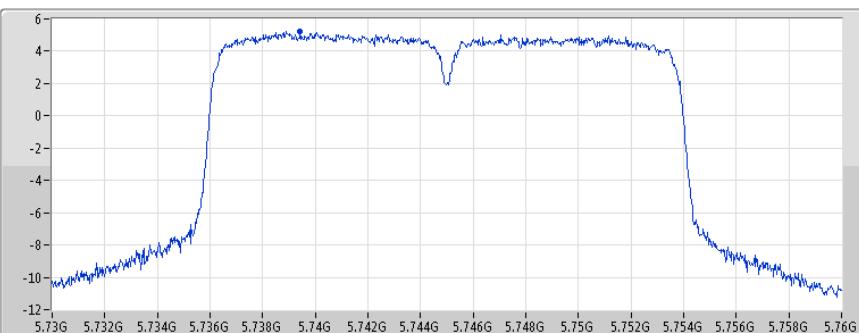
Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	5.54

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5745MHz**

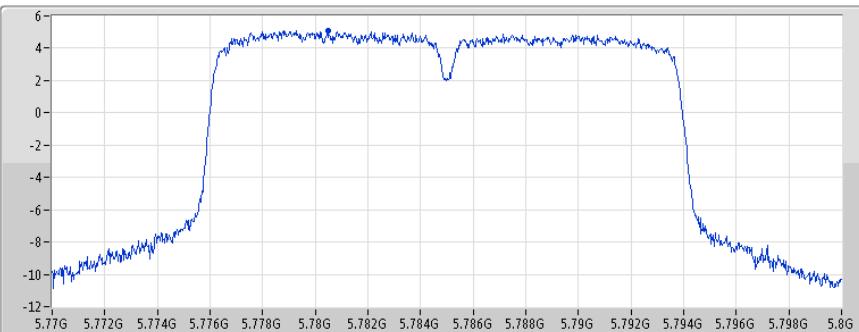
Ch Freq	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	5.22

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5785MHz**

Ch Freq	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	5.09

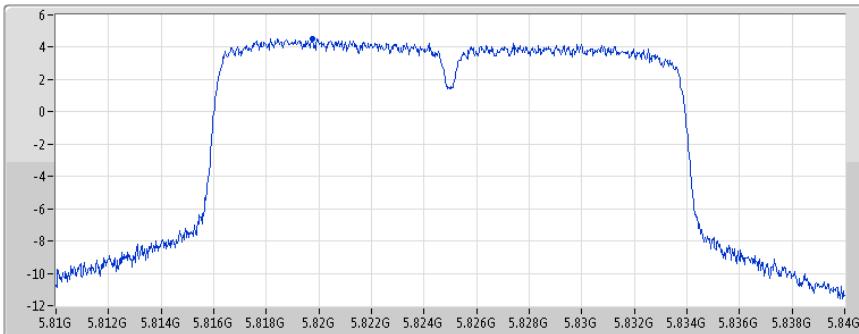


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	4.52

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



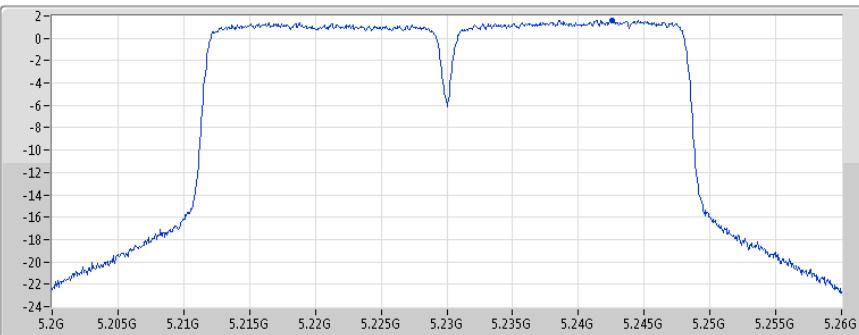
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-3.68

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.64	1.64	1.64

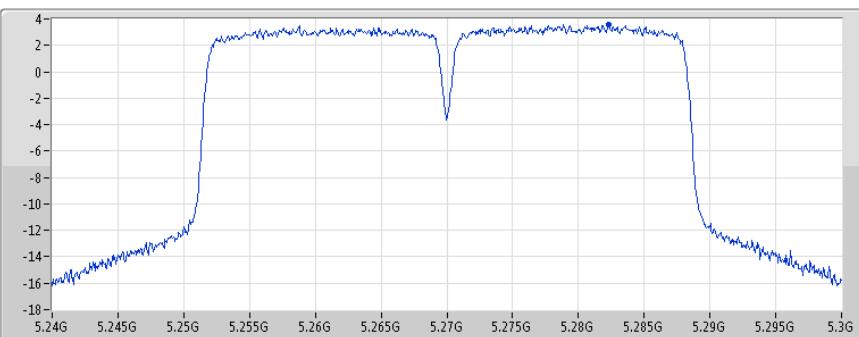


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq	5.27GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.55	3.55	3.55

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq	5.31GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



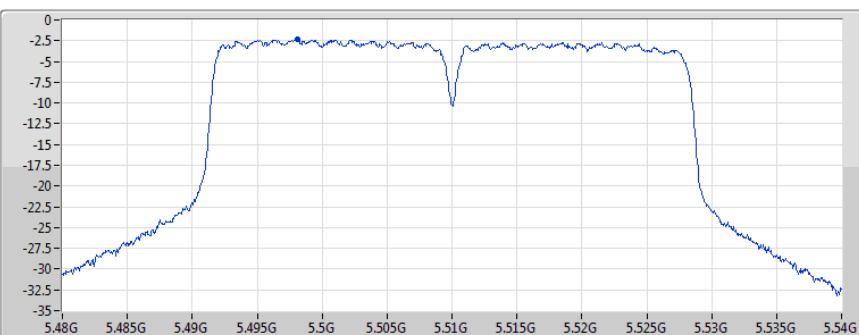
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.47	-3.47	-3.47

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq	5.51GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.28	-2.28	-2.28



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



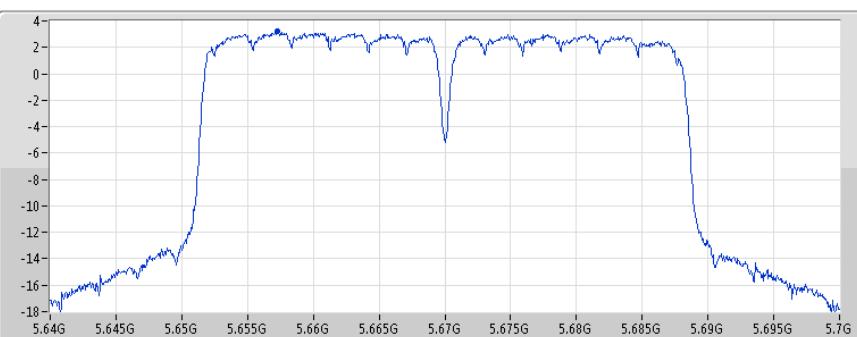
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	3.40

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



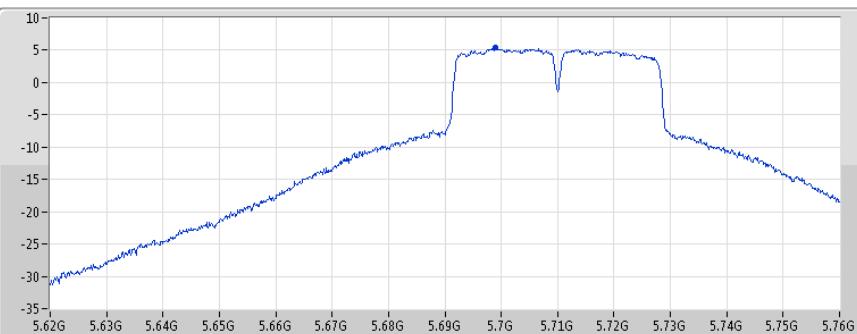
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	3.26

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	5.37



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



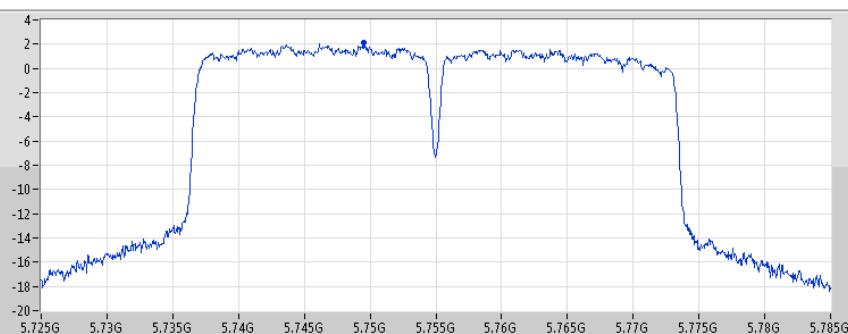
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	2.70

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



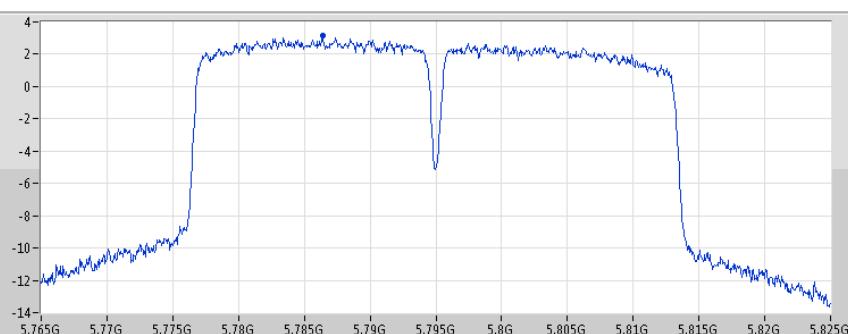
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	2.10

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	3.15

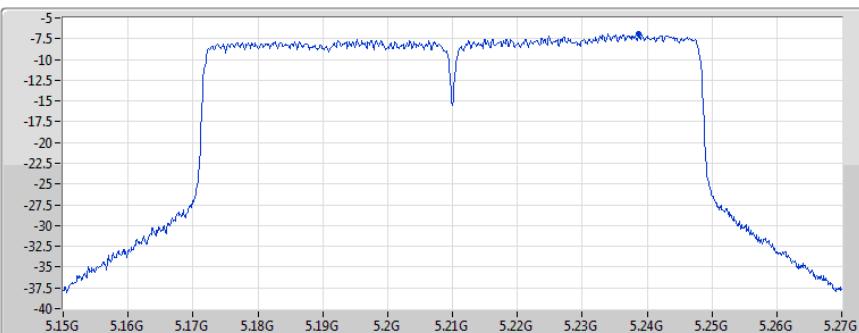


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

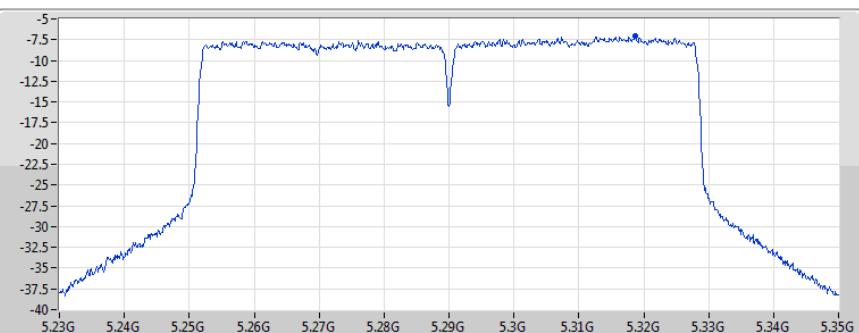
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.90	-6.90	-6.90

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

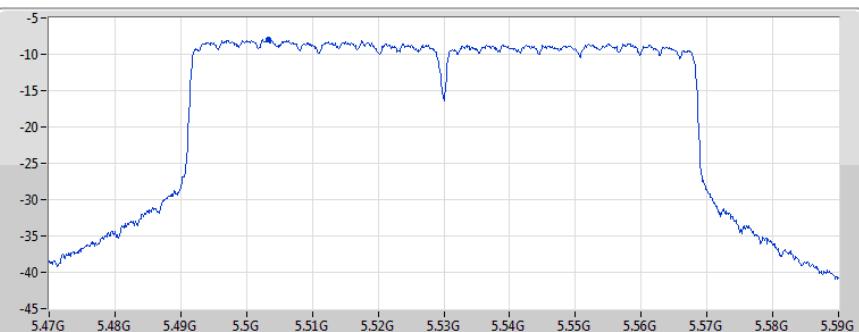
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.08	-7.08	-7.08

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.00	-8.00	-8.00

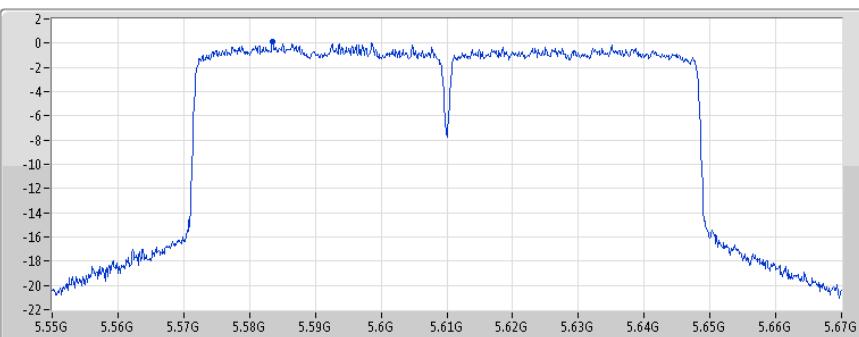


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



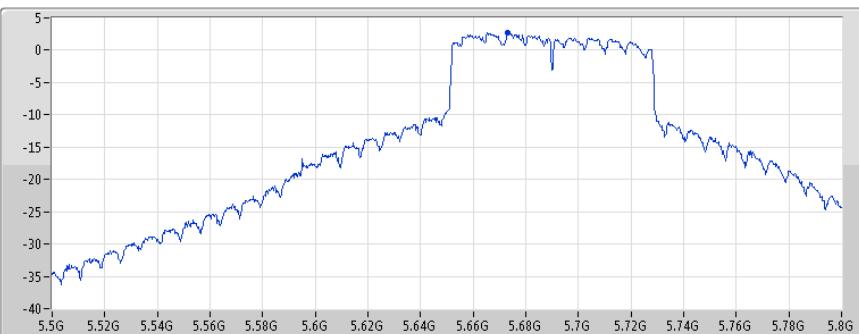
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	0.10

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



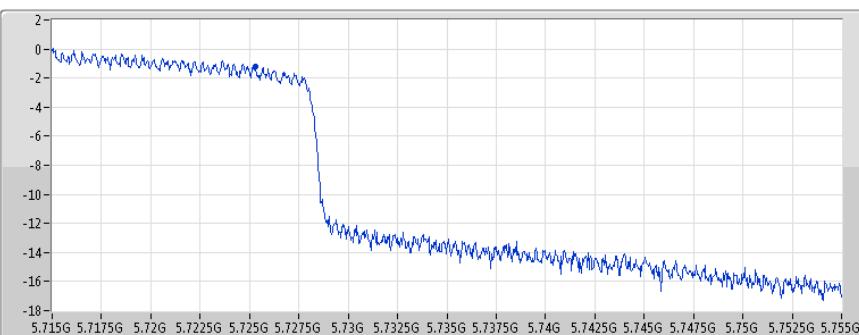
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	2.67

802.11ac VHT80_Nss1,(MCS0)_1TX

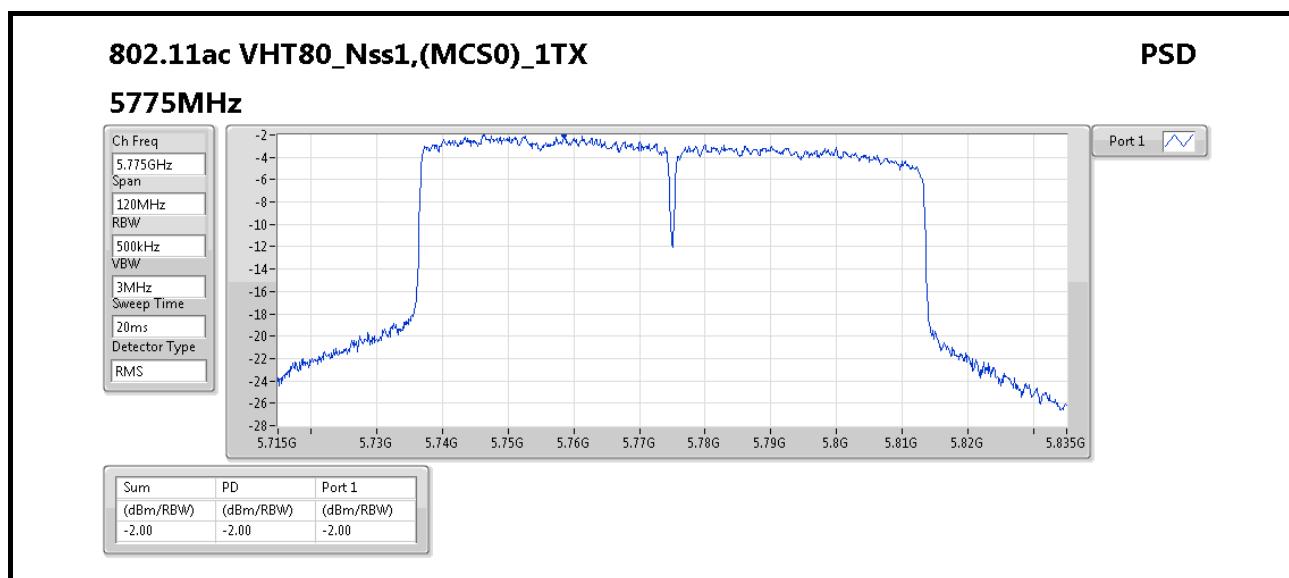
PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-1.22





For Set 3 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	6.61
5.25-5.35GHz	7.73
5.47-5.725GHz	7.54
5.725-5.85GHz	5.82
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	6.39
5.25-5.35GHz	7.60
5.47-5.725GHz	7.40
5.725-5.85GHz	5.72
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.24
5.25-5.35GHz	3.50
5.47-5.725GHz	4.54
5.725-5.85GHz	2.39
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-9.70
5.25-5.35GHz	-11.49
5.47-5.725GHz	0.79
5.725-5.85GHz	-2.63

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	9.24	1.88	1.88	7.76
5200MHz	Pass	9.24	6.61	6.61	7.76
5240MHz	Pass	9.24	4.58	4.58	7.76
5260MHz	Pass	9.24	7.73	7.73	7.76
5300MHz	Pass	9.24	7.00	7.00	7.76
5320MHz	Pass	9.24	2.79	2.79	7.76
5500MHz	Pass	9.24	4.09	4.09	7.76
5580MHz	Pass	9.24	7.18	7.18	7.76
5700MHz	Pass	9.24	1.37	1.37	7.76
5720MHz Straddle 5.47-5.725GHz	Pass	9.24	7.54	7.54	7.76
5720MHz Straddle 5.725-5.85GHz	Pass	9.24	5.74	5.74	26.76
5745MHz	Pass	9.24	5.82	5.82	26.76
5785MHz	Pass	9.24	5.46	5.46	26.76
5825MHz	Pass	9.24	4.92	4.92	26.76
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	9.24	1.97	1.97	7.76
5200MHz	Pass	9.24	6.39	6.39	7.76
5240MHz	Pass	9.24	4.46	4.46	7.76
5260MHz	Pass	9.24	7.60	7.60	7.76
5300MHz	Pass	9.24	6.72	6.72	7.76
5320MHz	Pass	9.24	2.55	2.55	7.76
5500MHz	Pass	9.24	3.89	3.89	7.76
5580MHz	Pass	9.24	7.08	7.08	7.76
5700MHz	Pass	9.24	1.17	1.17	7.76
5720MHz Straddle 5.47-5.725GHz	Pass	9.24	7.40	7.40	7.76
5720MHz Straddle 5.725-5.85GHz	Pass	9.24	5.57	5.57	26.76
5745MHz	Pass	9.24	5.72	5.72	26.76
5785MHz	Pass	9.24	5.18	5.18	26.76
5825MHz	Pass	9.24	4.87	4.87	26.76
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	9.24	-5.48	-5.48	7.76
5230MHz	Pass	9.24	1.24	1.24	7.76
5270MHz	Pass	9.24	3.50	3.50	7.76
5310MHz	Pass	9.24	-5.13	-5.13	7.76
5510MHz	Pass	9.24	-2.44	-2.44	7.76
5550MHz	Pass	9.24	2.06	2.06	7.76
5670MHz	Pass	9.24	1.51	1.51	7.76
5710MHz Straddle 5.47-5.725GHz	Pass	9.24	4.54	4.54	7.76
5710MHz Straddle 5.725-5.85GHz	Pass	9.24	1.88	1.88	26.76
5755MHz	Pass	9.24	1.14	1.14	26.76
5795MHz	Pass	9.24	2.39	2.39	26.76
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	9.24	-9.70	-9.70	7.76
5290MHz	Pass	9.24	-11.49	-11.49	7.76
5530MHz	Pass	9.24	-8.65	-8.65	7.76
5610MHz	Pass	9.24	-1.83	-1.83	7.76
5690MHz Straddle 5.47-5.725GHz	Pass	9.24	0.79	0.79	7.76
5690MHz Straddle 5.725-5.85GHz	Pass	9.24	-2.86	-2.86	26.76
5775MHz	Pass	9.24	-2.63	-2.63	26.76

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

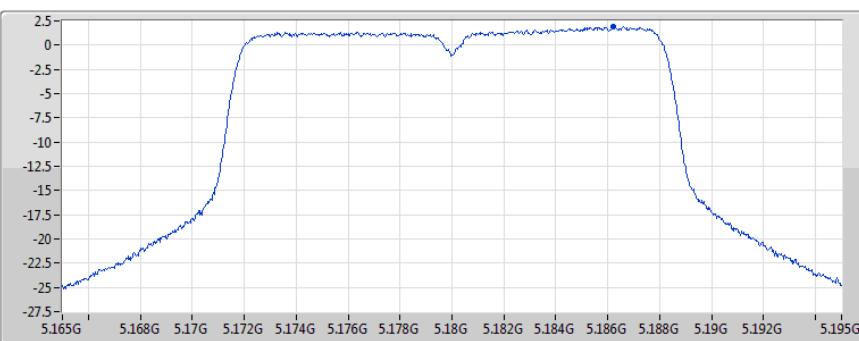


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



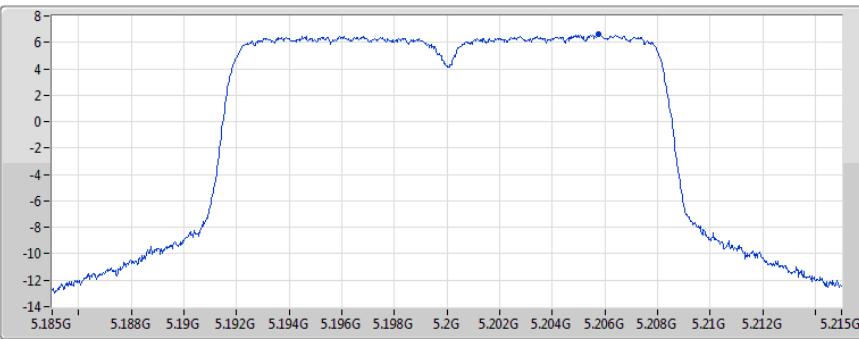
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.88	1.88	1.88

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



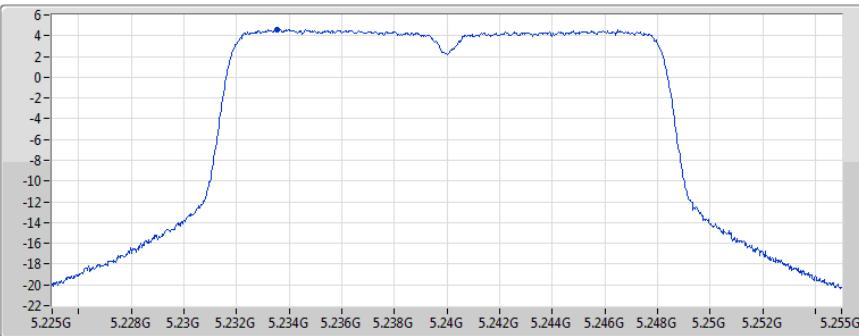
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	6.61

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

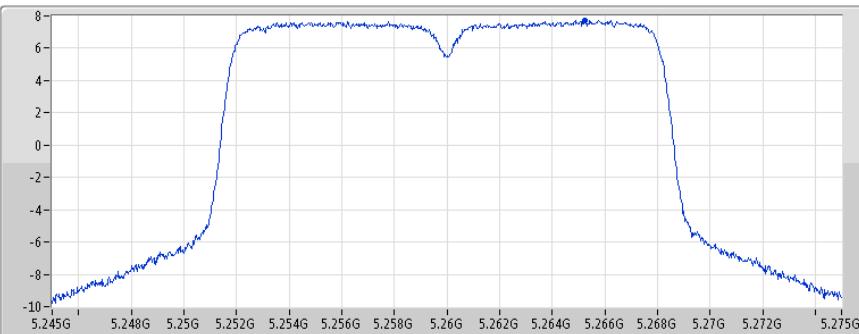


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



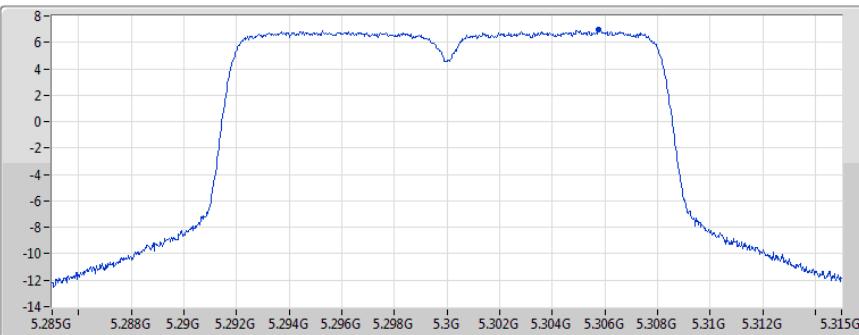
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	7.73

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



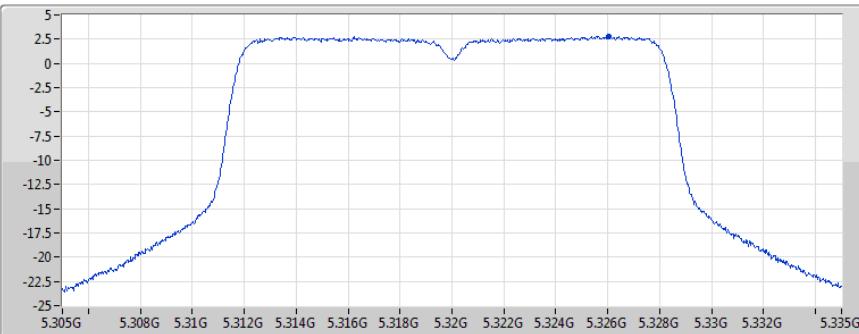
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	7.00

802.11a_(6Mbps)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.79	2.79	2.79

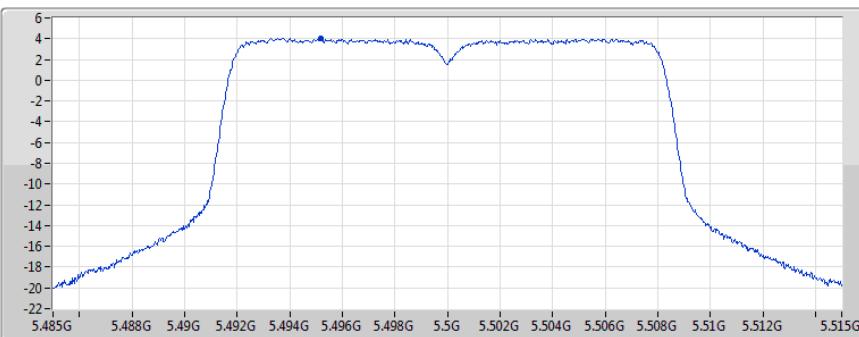


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

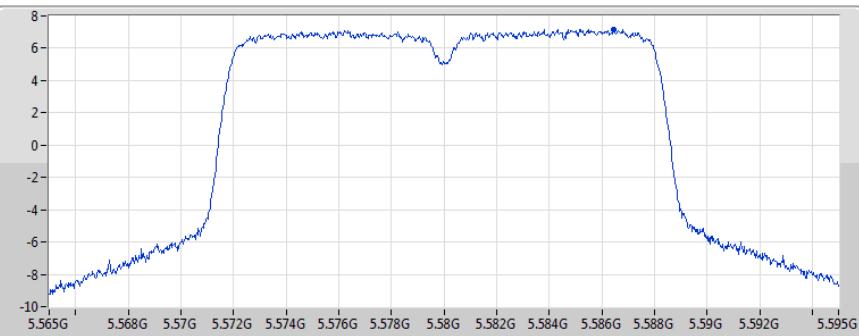
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	4.09

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

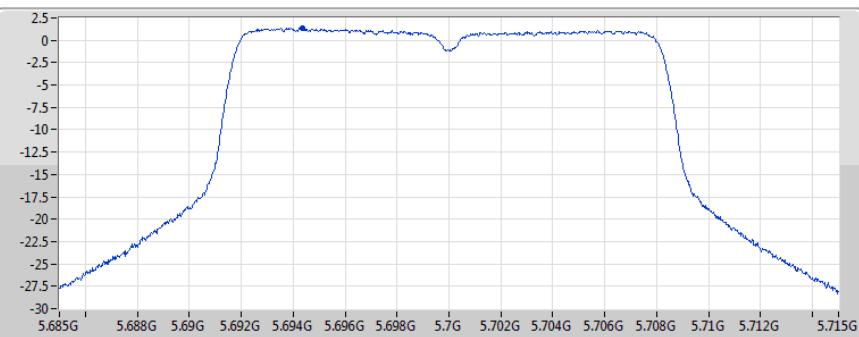
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	7.18

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.37	1.37	1.37

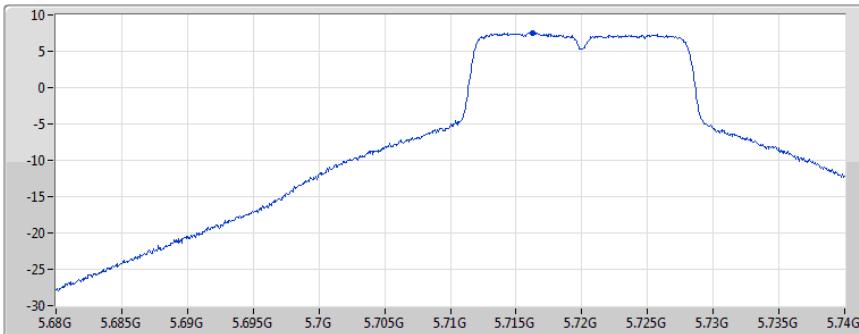


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



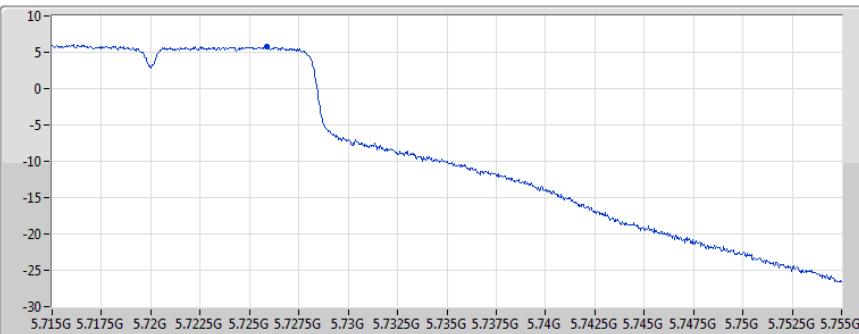
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	7.54

802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



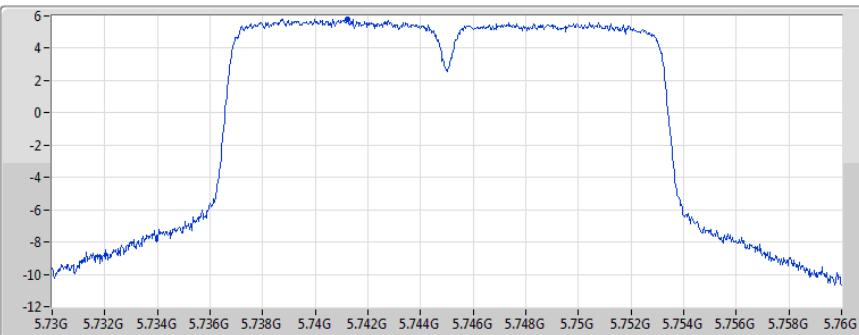
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	5.82

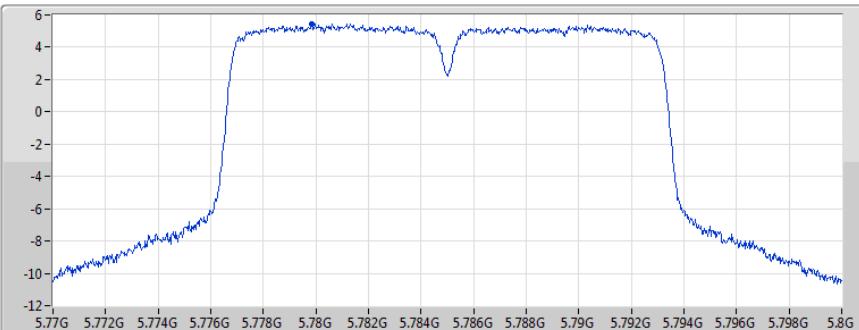


802.11a_(6Mbps)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

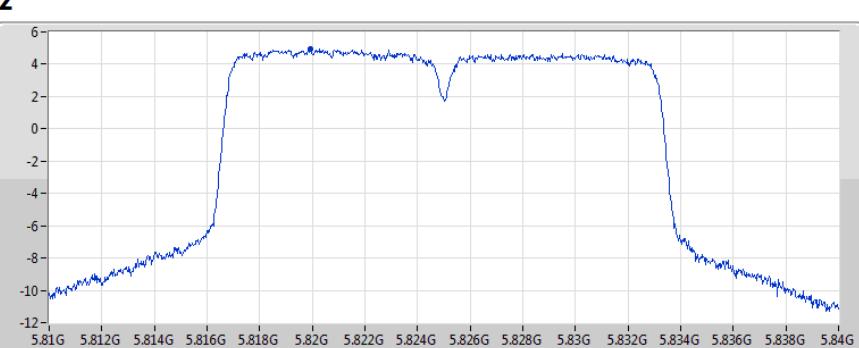


802.11a_(6Mbps)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

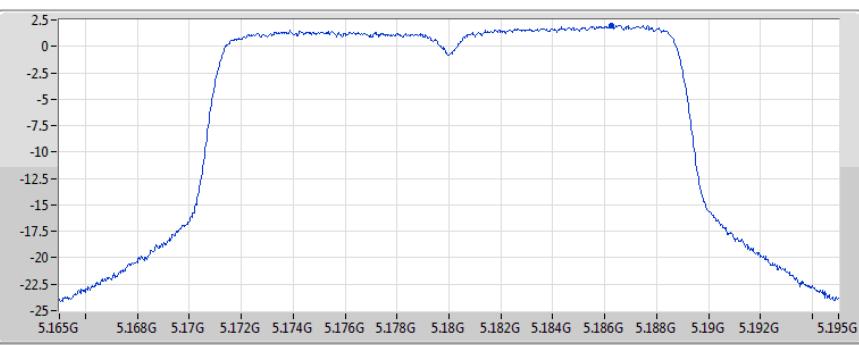


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



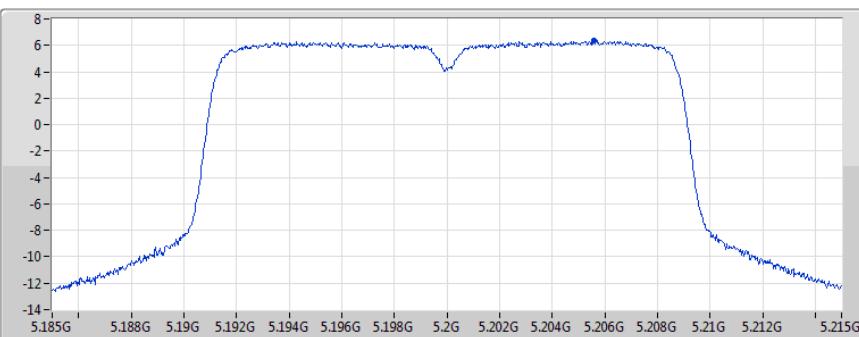


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



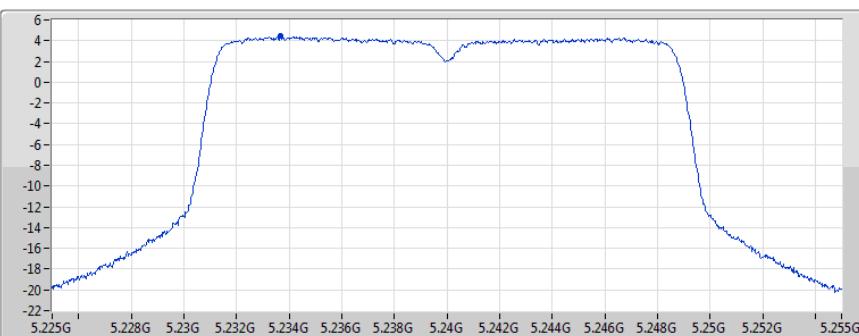
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	6.39

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



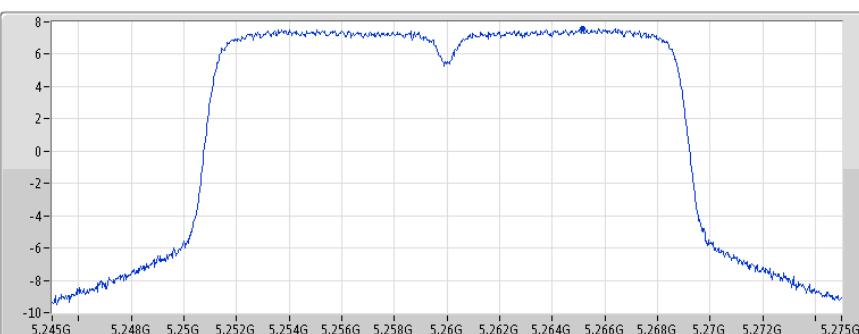
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	4.46

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	7.60

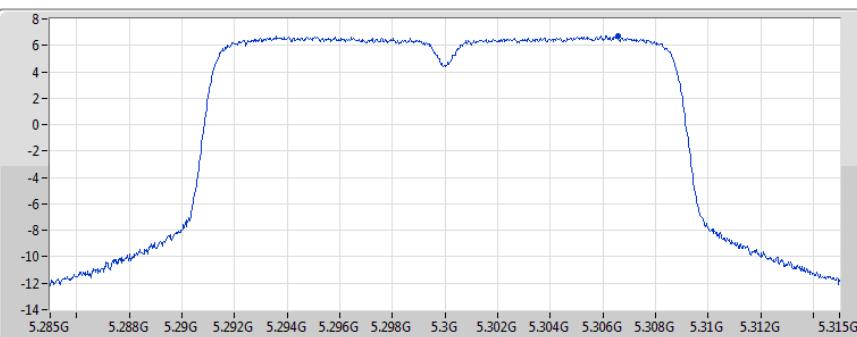


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



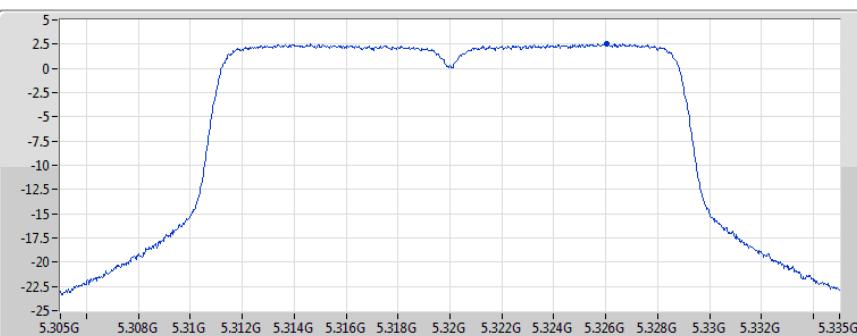
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	6.72

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



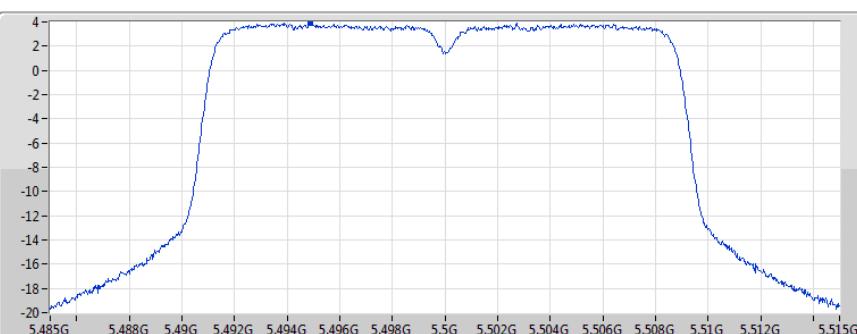
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	2.55

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	3.89

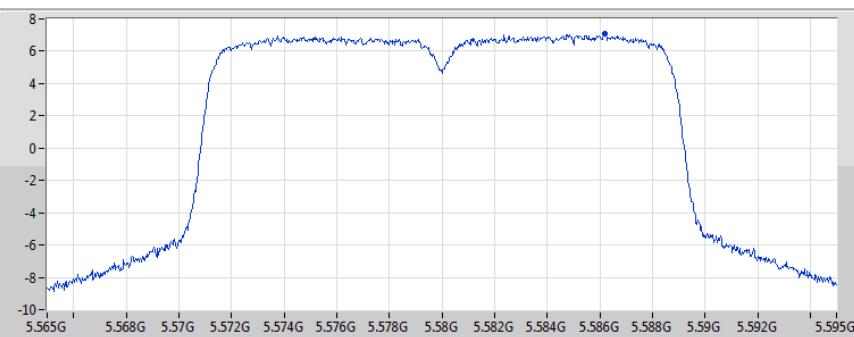


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



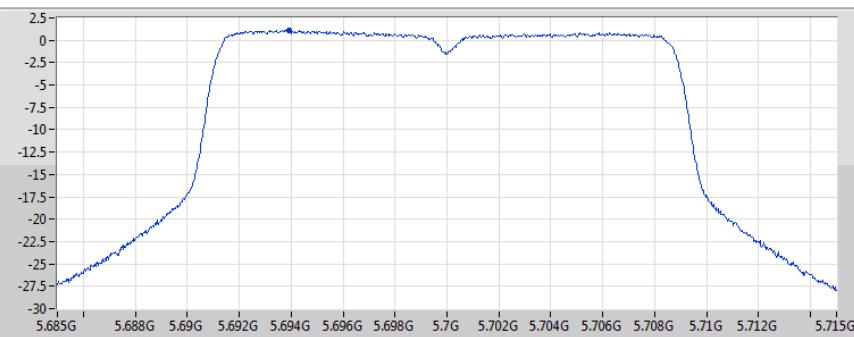
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	7.08

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



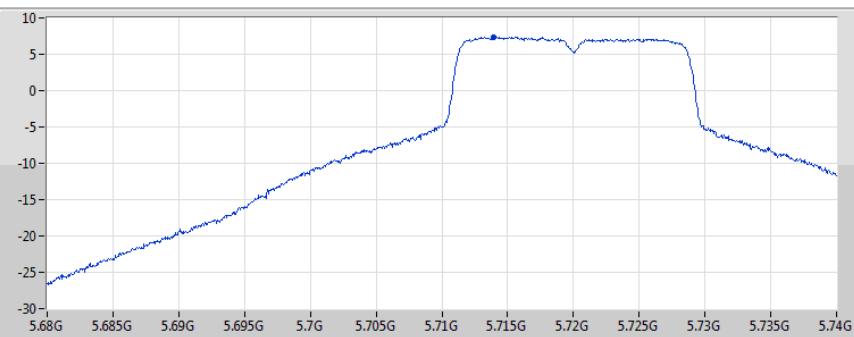
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.17	1.17	1.17

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

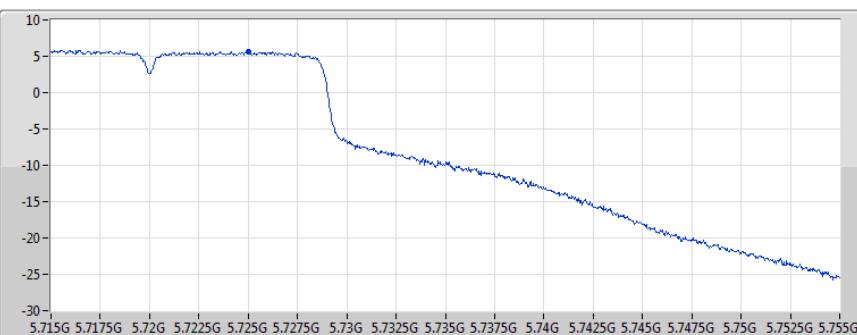
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	7.40

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.57	5.57	5.57

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5745MHz**

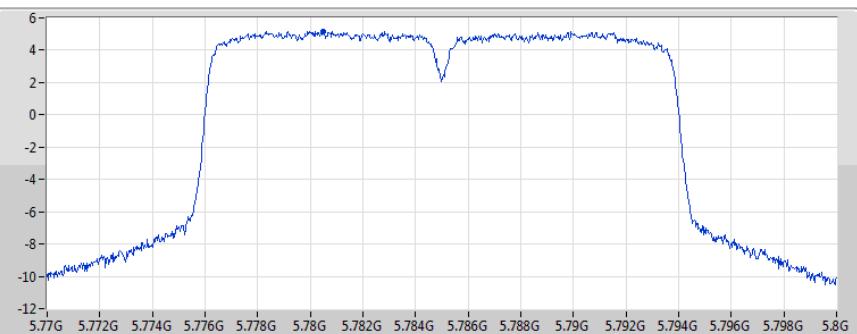
Ch Freq	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.72	5.72	5.72

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5785MHz**

Ch Freq	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.18	5.18	5.18

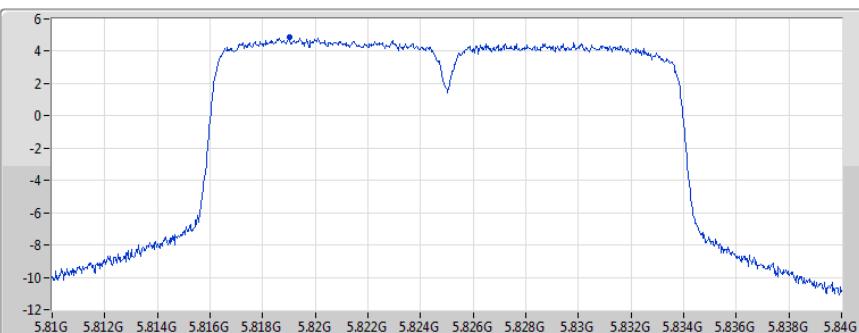


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



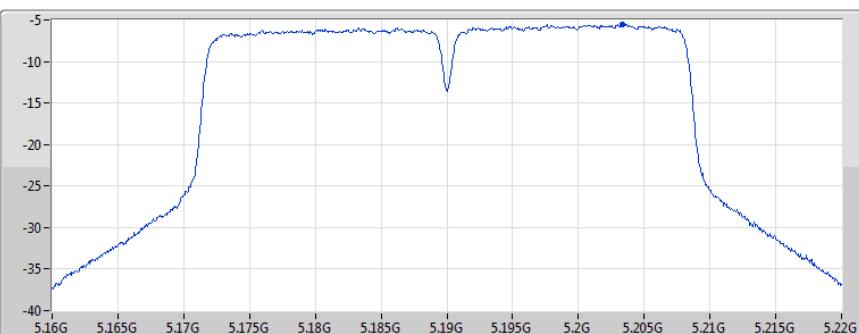
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	4.87

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



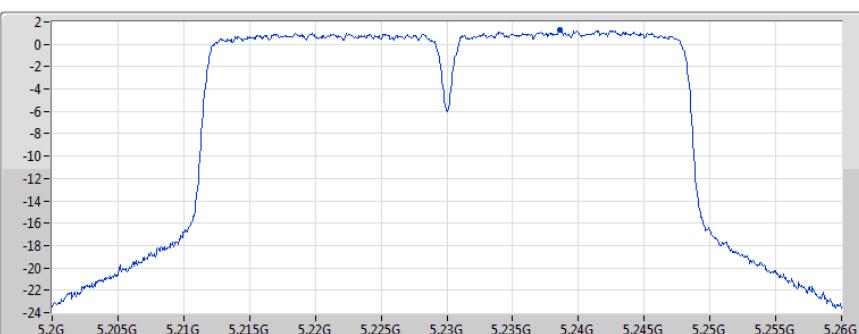
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.48	-5.48	-5.48

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	1.24

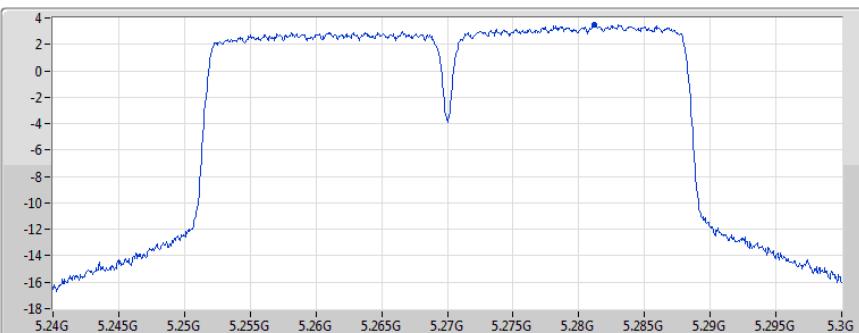


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	3.50

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

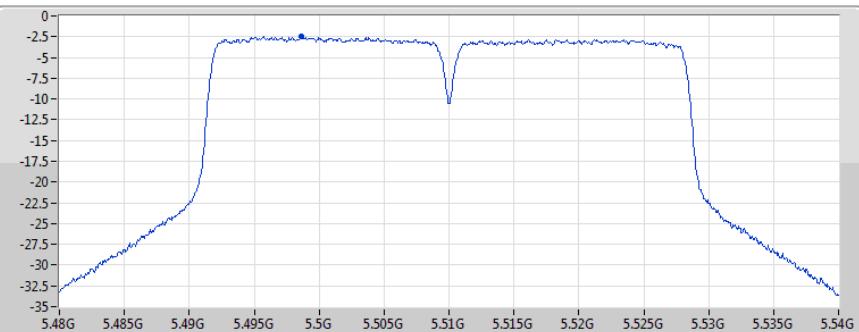
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.13	-5.13	-5.13

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.44	-2.44	-2.44

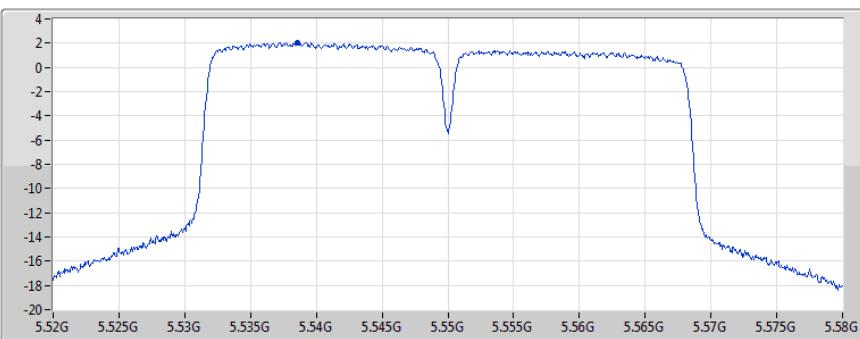


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.06	2.06	2.06

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



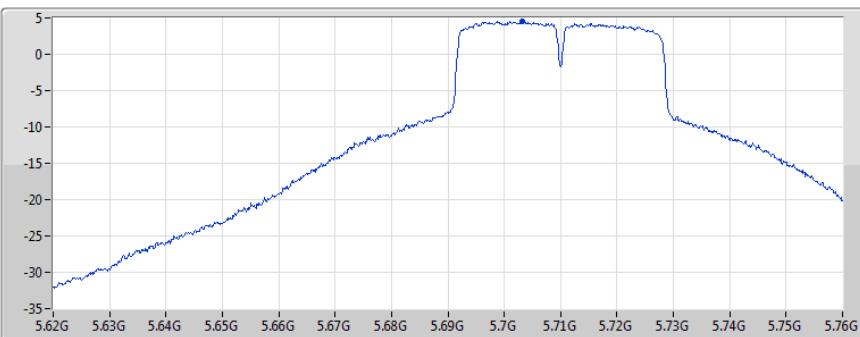
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.51	1.51	1.51

802.11ac VHT40_Nss1,(MCS0)_1TX

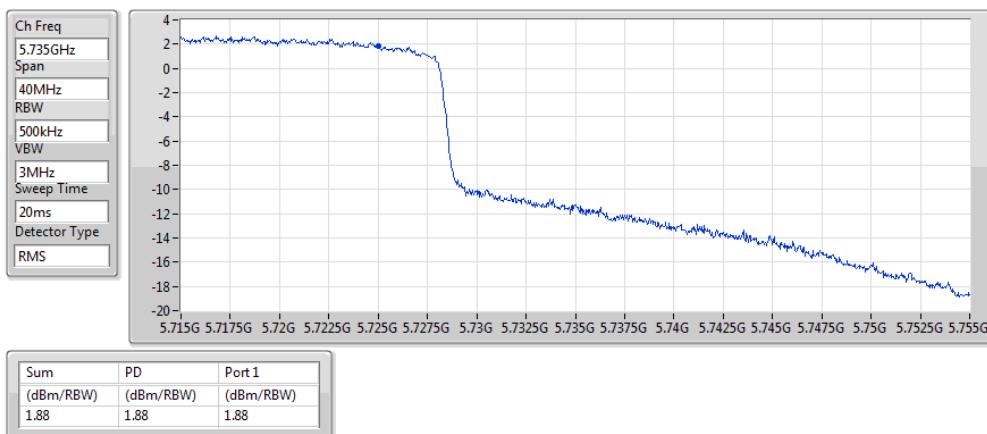
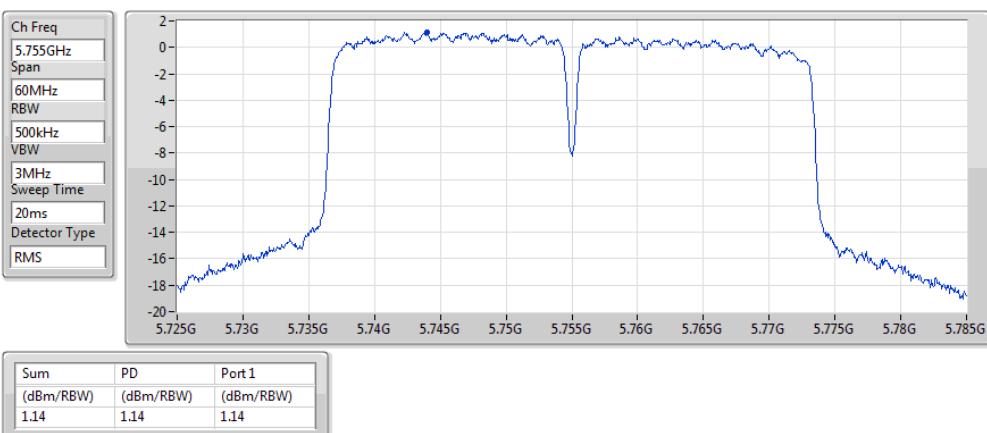
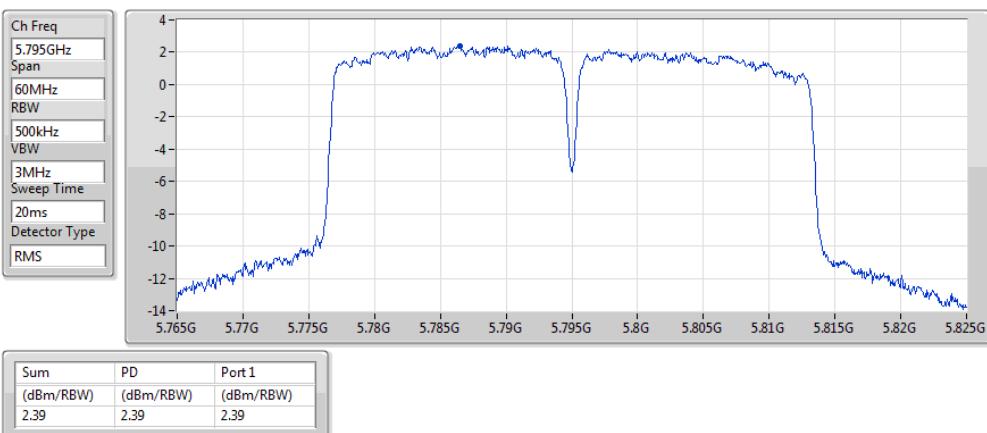
PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	4.54

**802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_1TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_1TX
5795MHz****PSD**

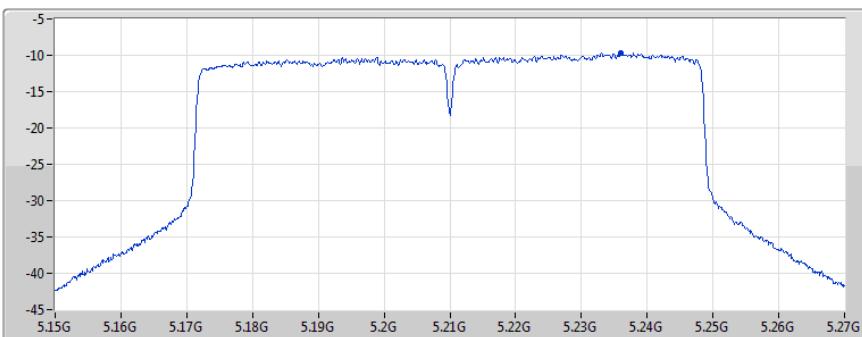


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



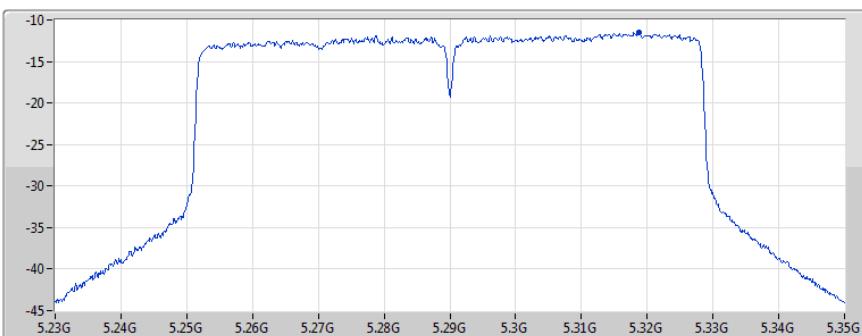
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.70	-9.70	-9.70

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



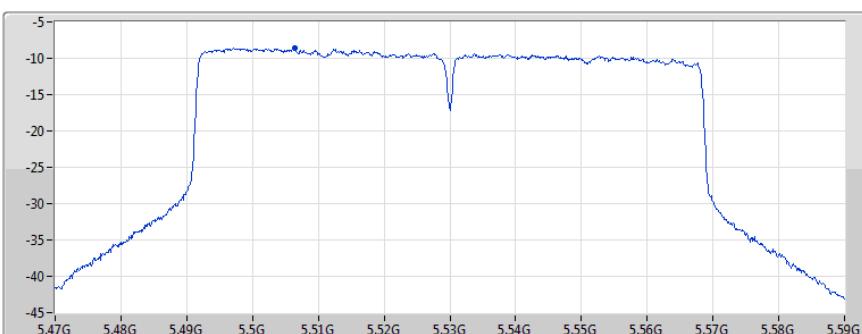
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.49	-11.49	-11.49

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.65	-8.65	-8.65

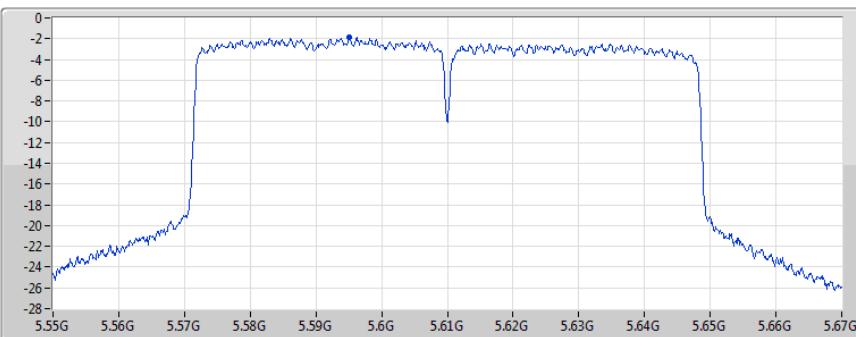


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



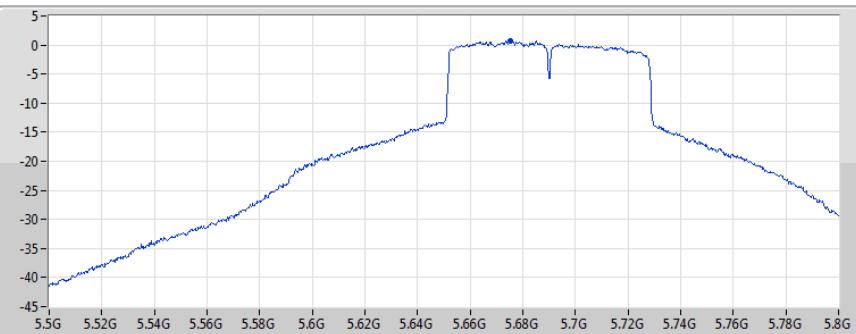
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-1.83

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



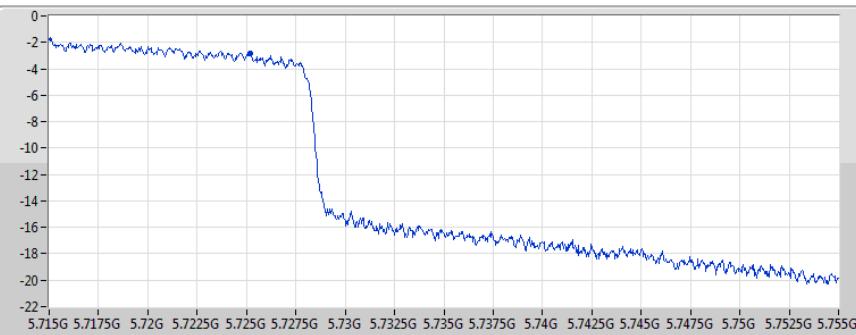
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.79	0.79	0.79

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.86	-2.86	-2.86

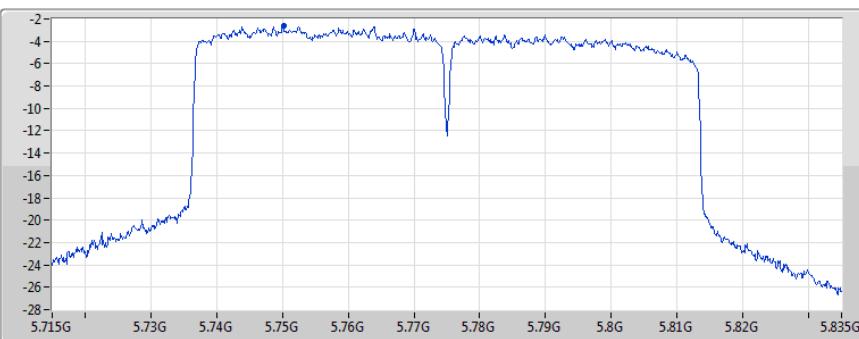


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.63	-2.63	-2.63



For Set 4 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	7.55
5.25-5.35GHz	8.46
5.47-5.725GHz	7.54
5.725-5.85GHz	5.82
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	7.39
5.25-5.35GHz	8.11
5.47-5.725GHz	7.40
5.725-5.85GHz	5.72
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.24
5.25-5.35GHz	4.32
5.47-5.725GHz	4.54
5.725-5.85GHz	2.39
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-5.94
5.25-5.35GHz	-7.69
5.47-5.725GHz	1.79
5.725-5.85GHz	-1.92

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.23	4.54	4.54	11.00
5200MHz	Pass	5.23	7.55	7.55	11.00
5240MHz	Pass	5.23	4.58	4.58	11.00
5260MHz	Pass	5.23	8.22	8.22	11.00
5300MHz	Pass	5.23	8.46	8.46	11.00
5320MHz	Pass	5.23	4.96	4.96	11.00
5500MHz	Pass	5.23	4.09	4.09	11.00
5580MHz	Pass	5.23	7.18	7.18	11.00
5700MHz	Pass	5.23	2.32	2.32	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.23	7.54	7.54	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.23	5.74	5.74	30.00
5745MHz	Pass	5.23	5.82	5.82	30.00
5785MHz	Pass	5.23	5.46	5.46	30.00
5825MHz	Pass	5.23	4.92	4.92	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.23	4.32	4.32	11.00
5200MHz	Pass	5.23	7.39	7.39	11.00
5240MHz	Pass	5.23	4.46	4.46	11.00
5260MHz	Pass	5.23	8.11	8.11	11.00
5300MHz	Pass	5.23	7.85	7.85	11.00
5320MHz	Pass	5.23	4.80	4.80	11.00
5500MHz	Pass	5.23	3.89	3.89	11.00
5580MHz	Pass	5.23	7.08	7.08	11.00
5700MHz	Pass	5.23	2.16	2.16	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.23	7.40	7.40	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.23	5.57	5.57	30.00
5745MHz	Pass	5.23	5.72	5.72	30.00
5785MHz	Pass	5.23	5.18	5.18	30.00
5825MHz	Pass	5.23	4.87	4.87	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.23	-3.67	-3.67	11.00
5230MHz	Pass	5.23	1.24	1.24	11.00
5270MHz	Pass	5.23	4.32	4.32	11.00
5310MHz	Pass	5.23	-2.81	-2.81	11.00
5510MHz	Pass	5.23	-2.44	-2.44	11.00
5550MHz	Pass	5.23	3.28	3.28	11.00
5670MHz	Pass	5.23	1.51	1.51	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.23	4.54	4.54	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.23	1.88	1.88	30.00
5755MHz	Pass	5.23	1.14	1.14	30.00
5795MHz	Pass	5.23	2.39	2.39	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.23	-5.94	-5.94	11.00
5290MHz	Pass	5.23	-7.69	-7.69	11.00
5530MHz	Pass	5.23	-5.98	-5.98	11.00
5610MHz	Pass	5.23	-0.41	-0.41	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.23	1.79	1.79	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.23	-1.92	-1.92	30.00
5775MHz	Pass	5.23	-2.63	-2.63	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

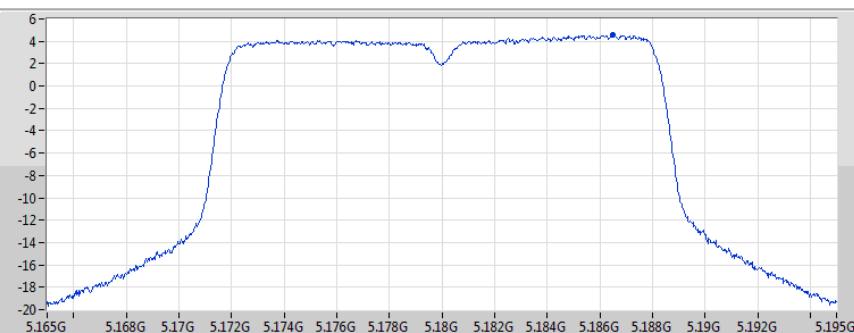


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

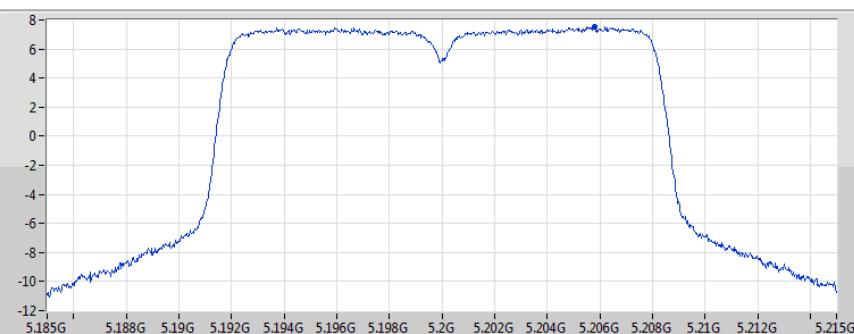
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	4.54

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

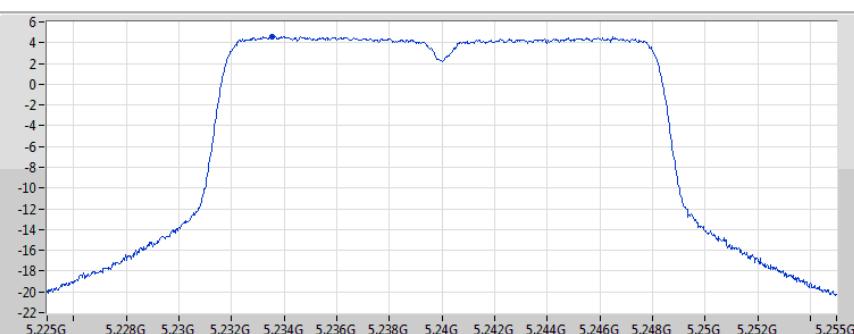
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	7.55

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

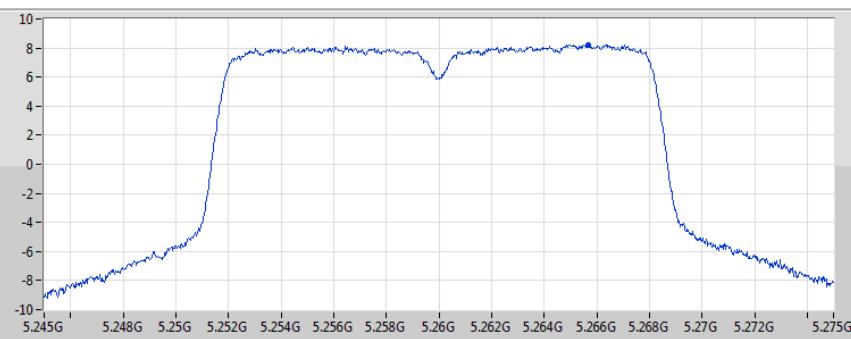


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



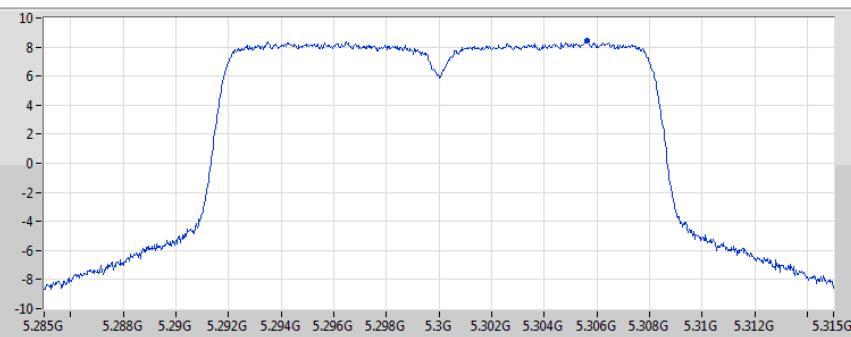
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	8.22

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



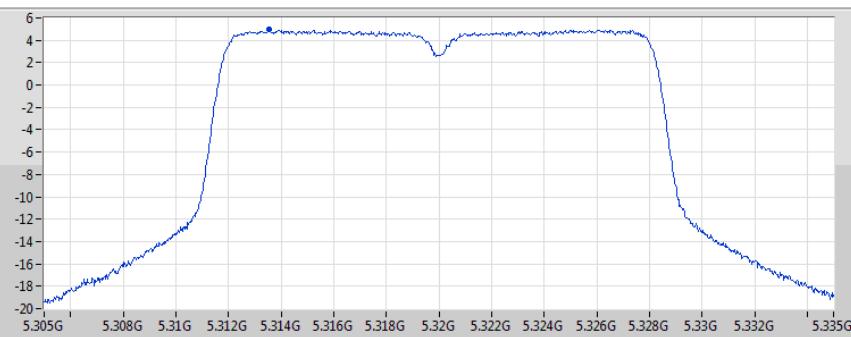
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	8.46

802.11a_(6Mbps)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	4.96

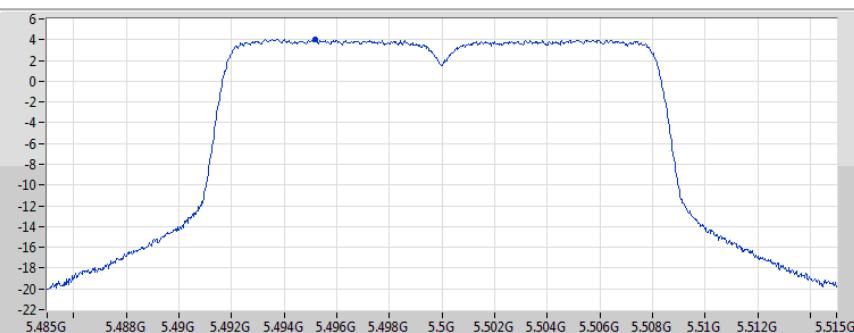


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



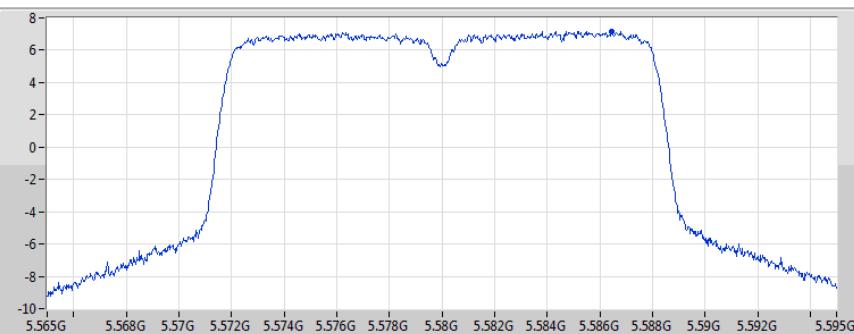
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	4.09

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



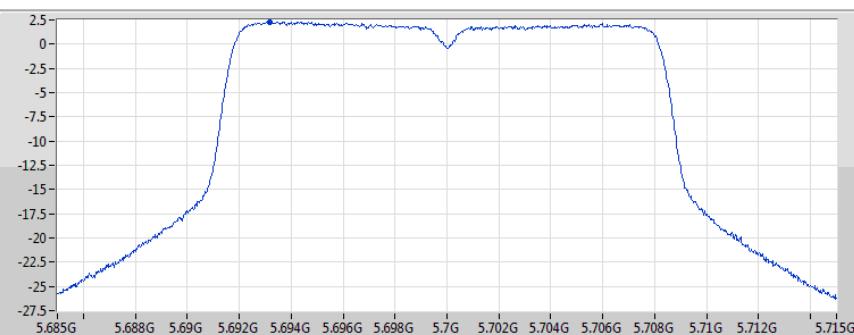
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	7.18

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.32	2.32	2.32

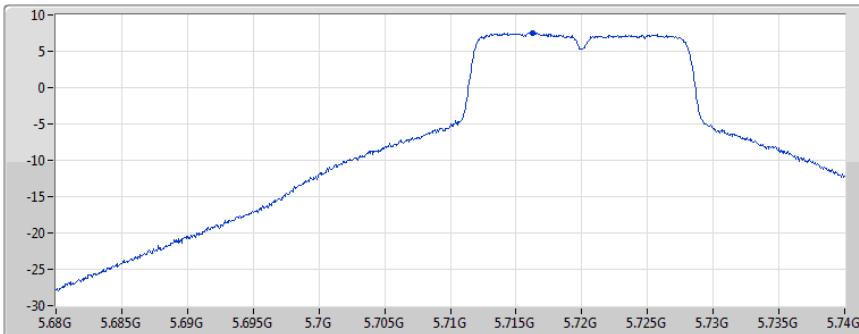


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

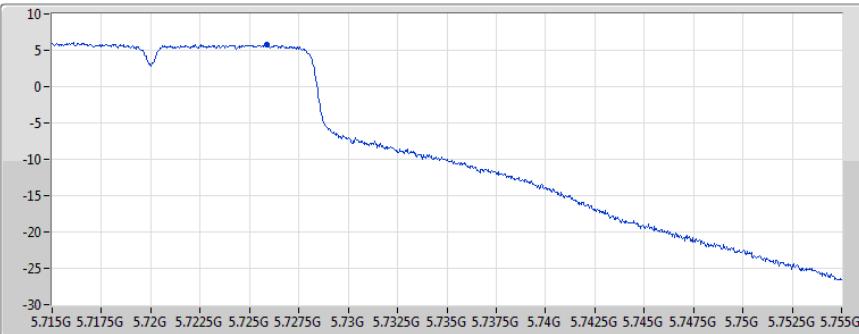
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	7.54

802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

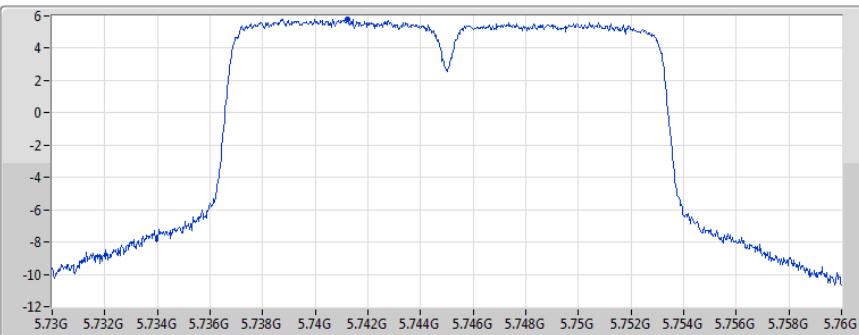
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

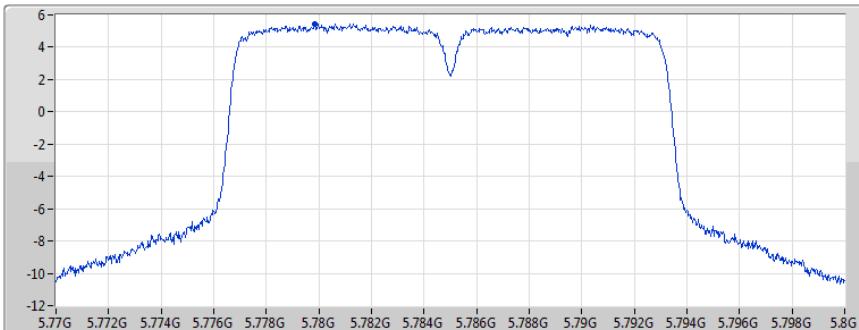


Sum PD Port 1

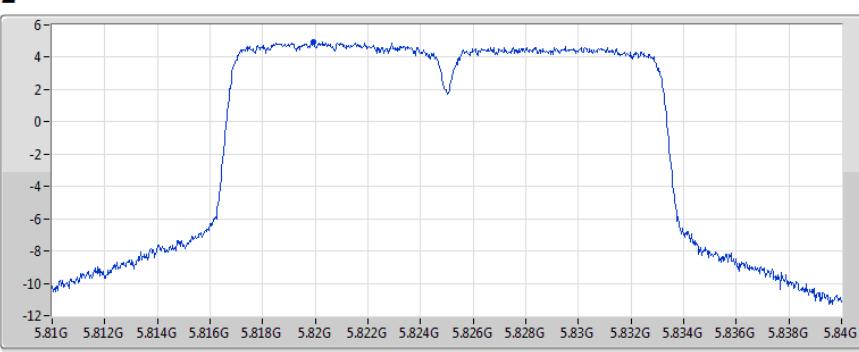
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	5.82

**802.11a_(6Mbps)_1TX****PSD****5785MHz**

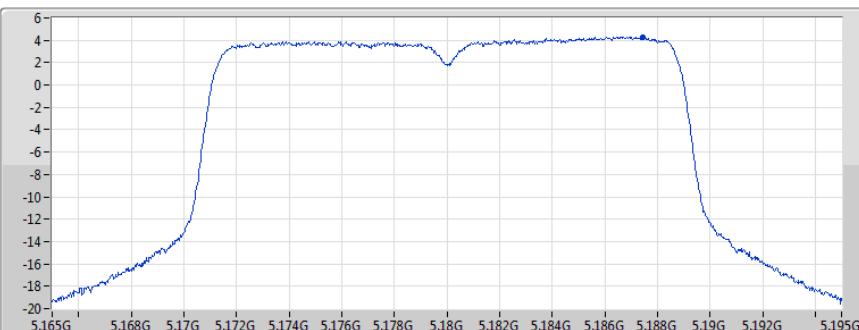
Ch Freq	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5825MHz**

Ch Freq	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5180MHz**

Ch Freq	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



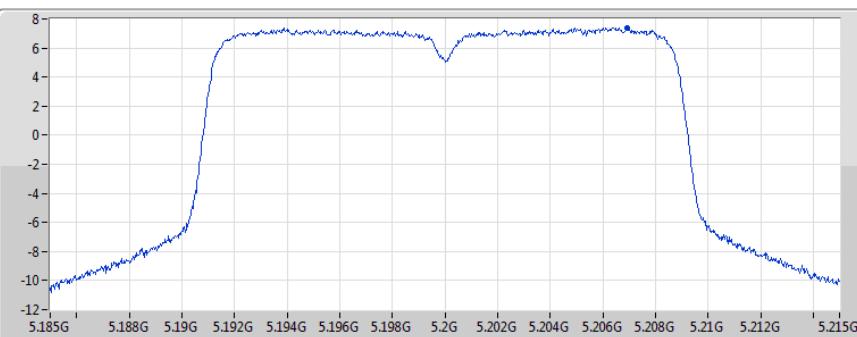


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



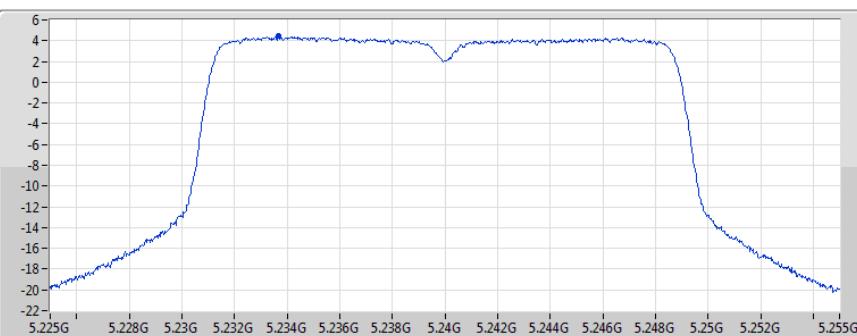
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	7.39

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



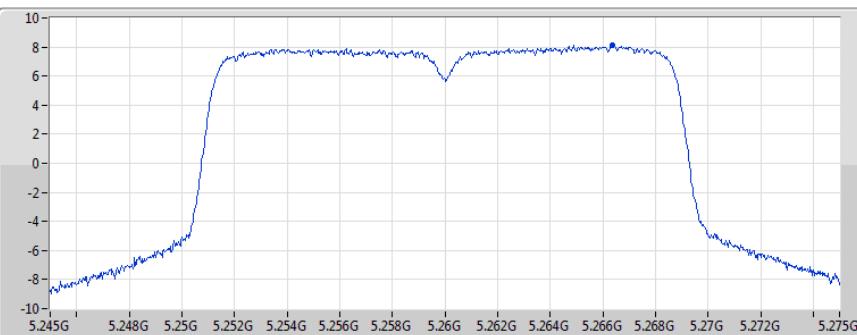
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	4.46

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	8.11

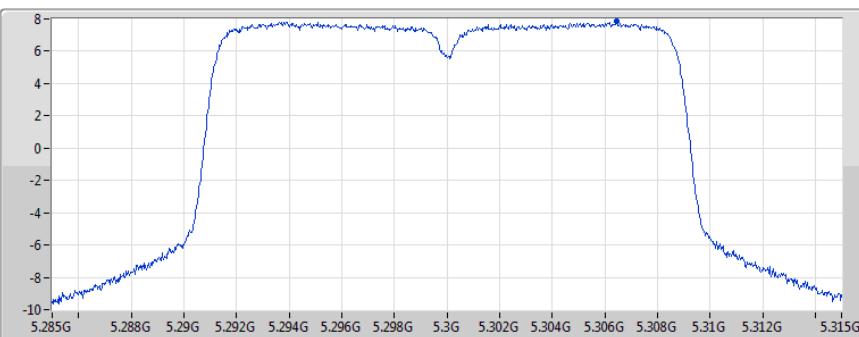


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



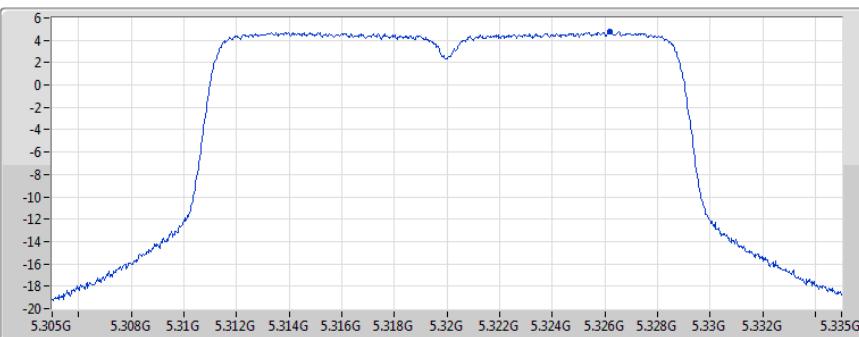
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



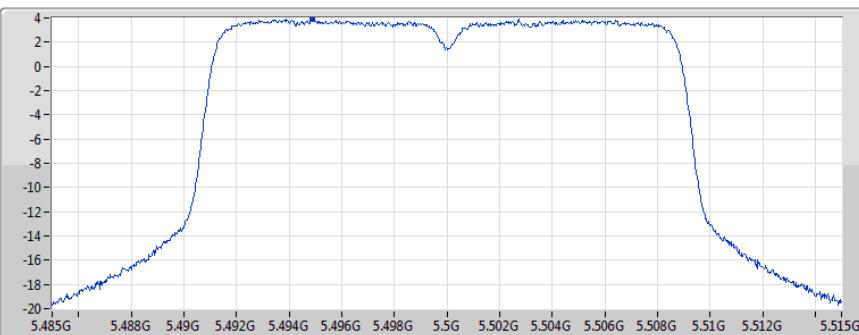
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	4.80

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	3.89

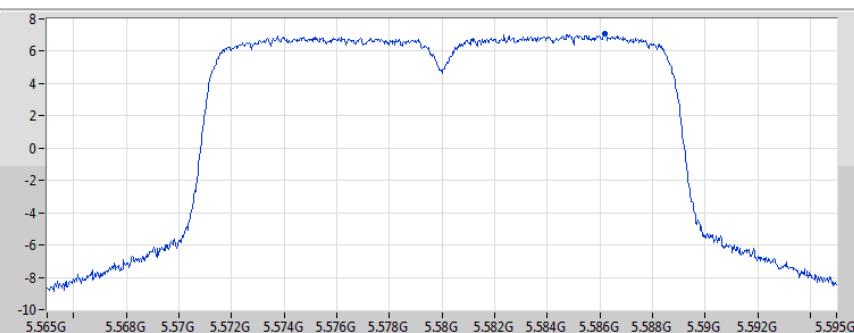


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



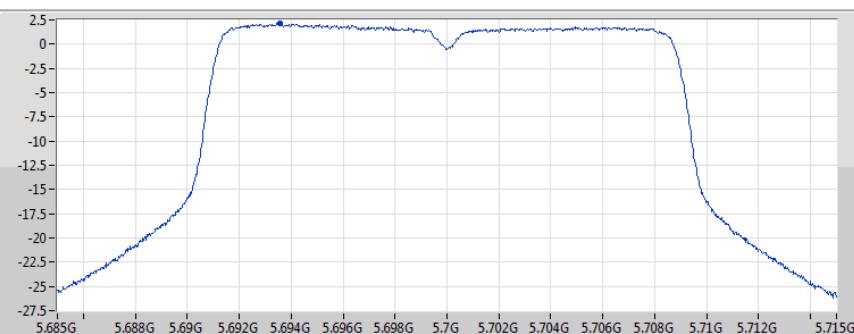
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	7.08

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



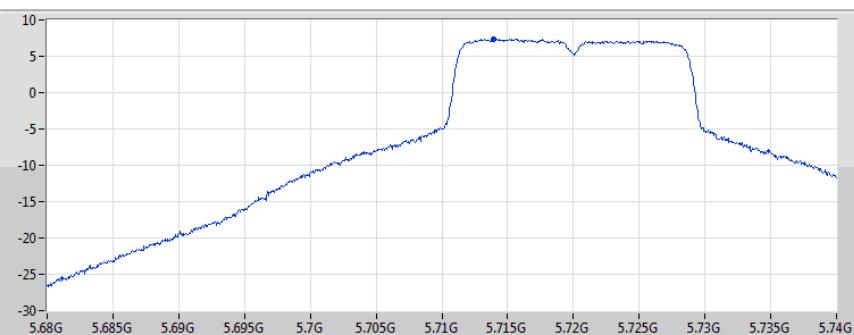
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.16	2.16	2.16

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

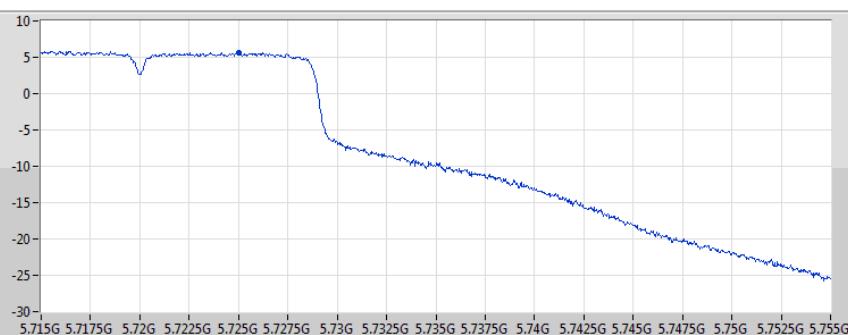
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	7.40

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

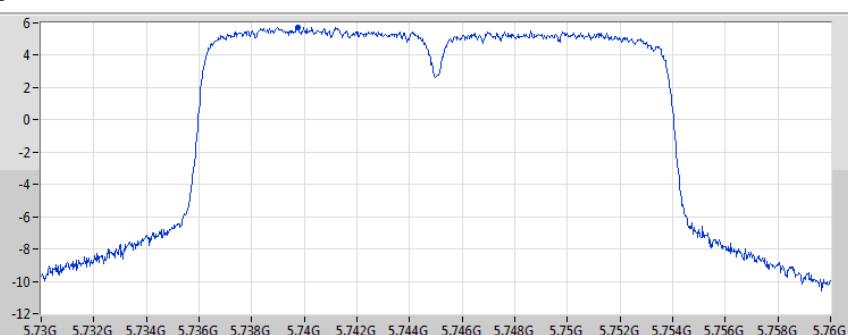


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

5.57 5.57 5.57

**802.11ac VHT20_Nss1,(MCS0)_1TX
5745MHz****PSD**

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

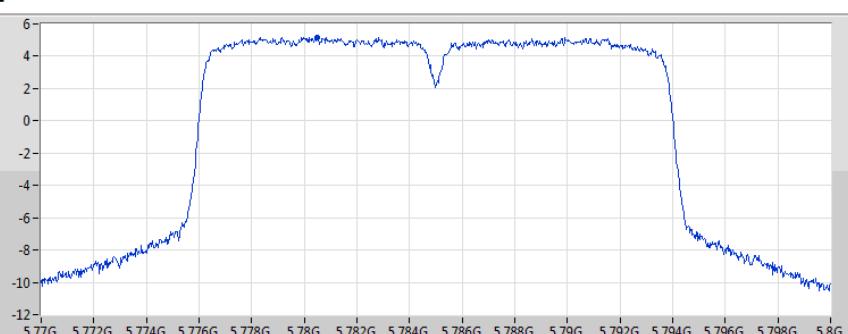


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

5.72 5.72 5.72

**802.11ac VHT20_Nss1,(MCS0)_1TX
5785MHz****PSD**

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

5.18 5.18 5.18

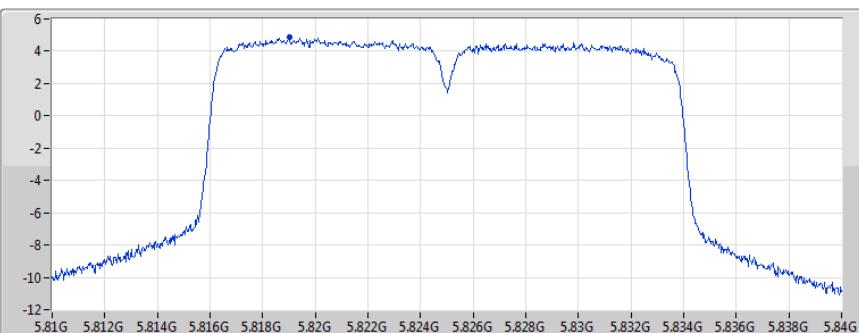


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



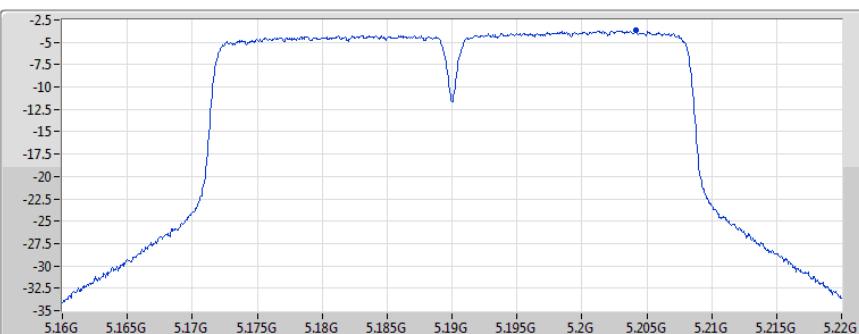
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	4.87

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



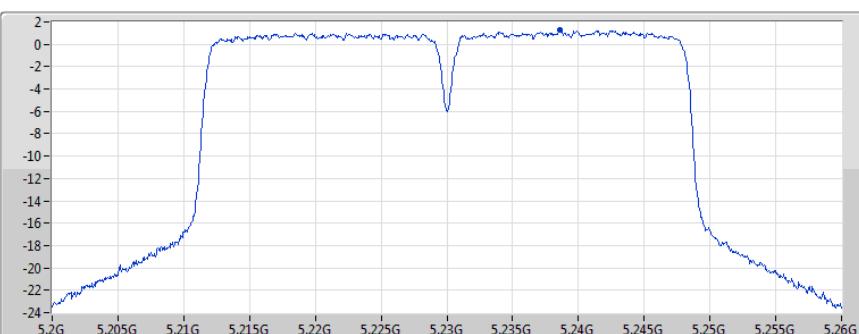
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.67	-3.67	-3.67

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	1.24

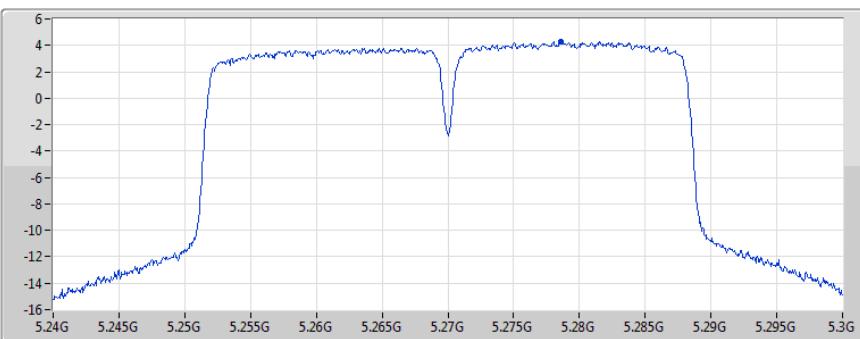


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



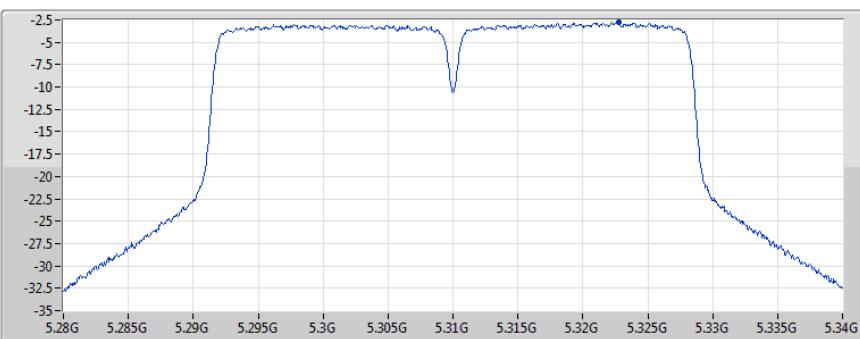
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.32	4.32	4.32

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.81	-2.81	-2.81

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.44	-2.44	-2.44



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	3.28

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



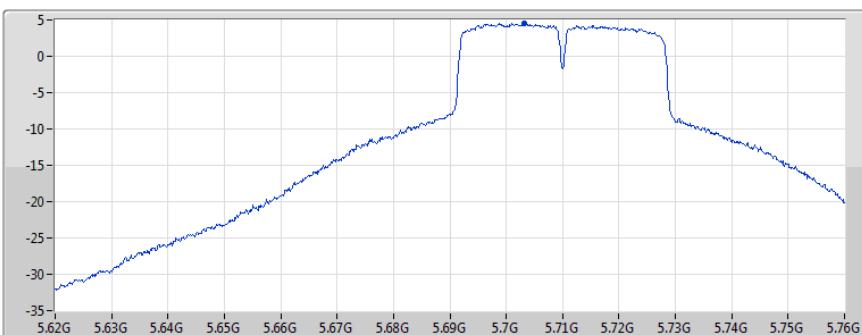
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.51	1.51	1.51

802.11ac VHT40_Nss1,(MCS0)_1TX

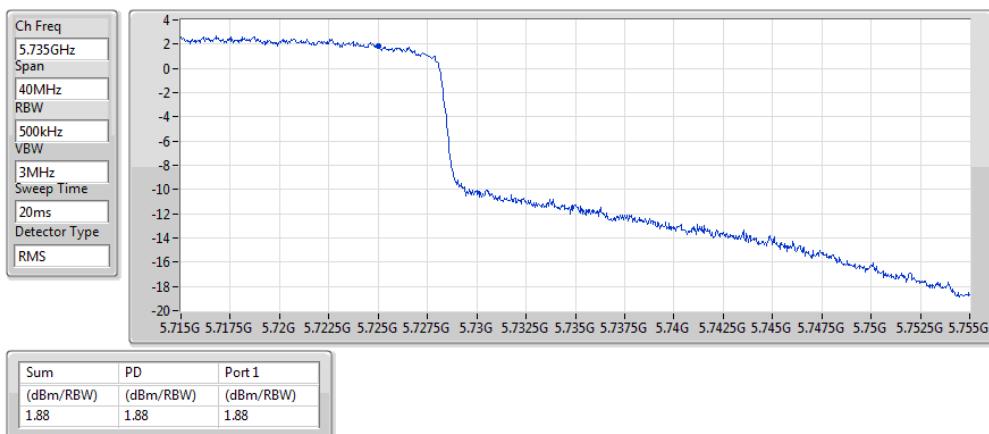
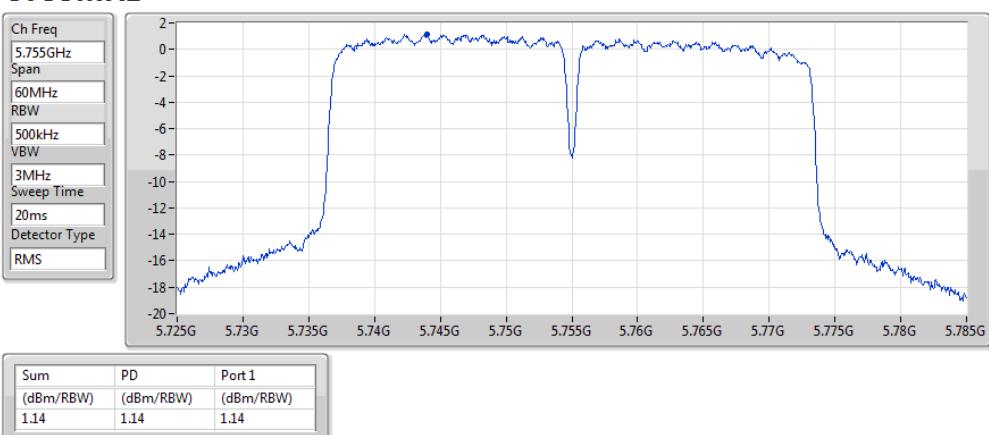
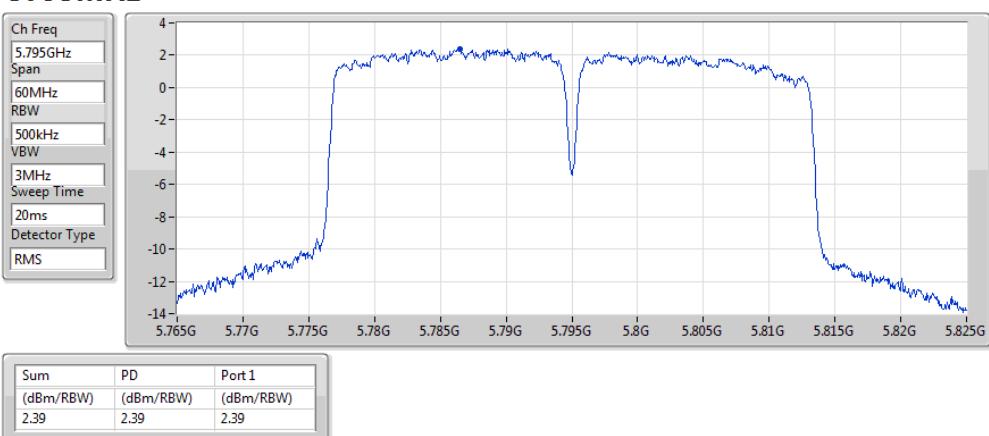
PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	4.54

**802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_1TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_1TX
5795MHz****PSD**

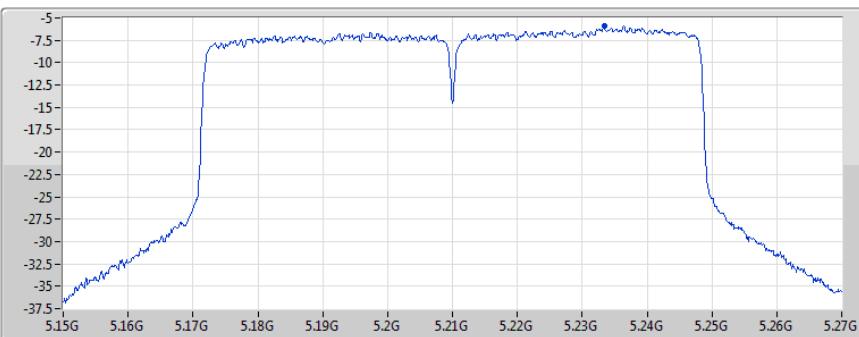


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

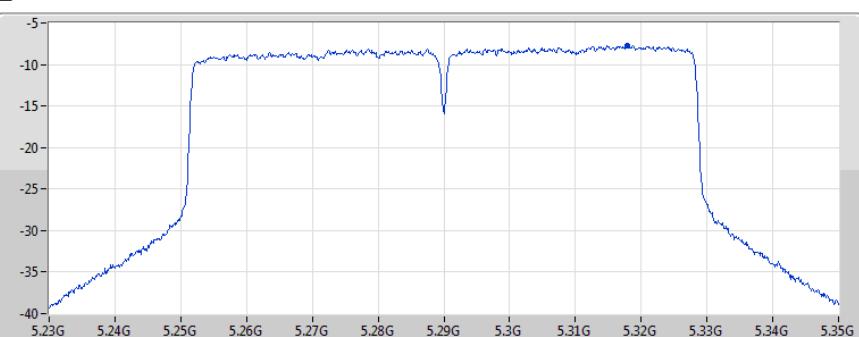


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS





802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



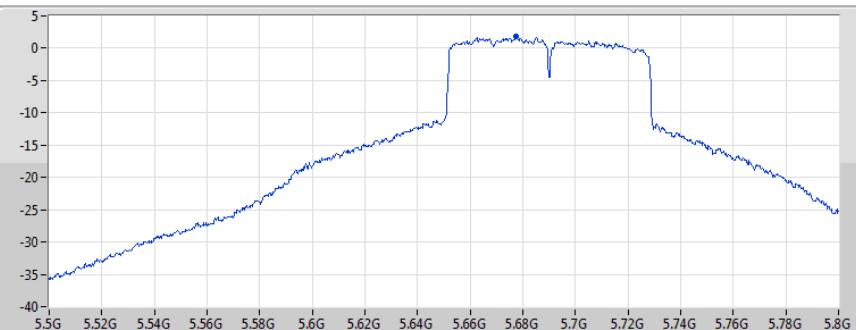
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.41	-0.41	-0.41

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



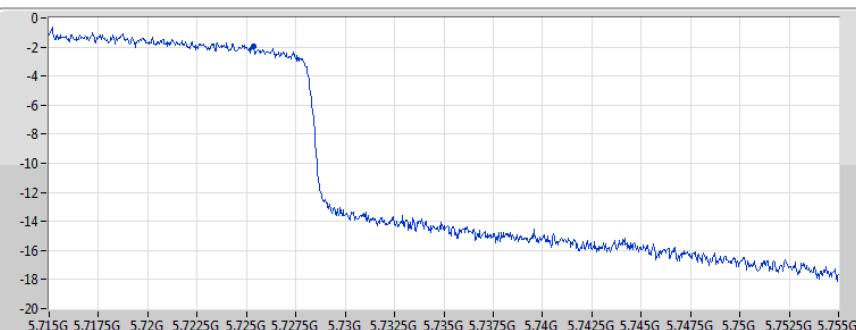
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	1.79

802.11ac VHT80_Nss1,(MCS0)_1TX

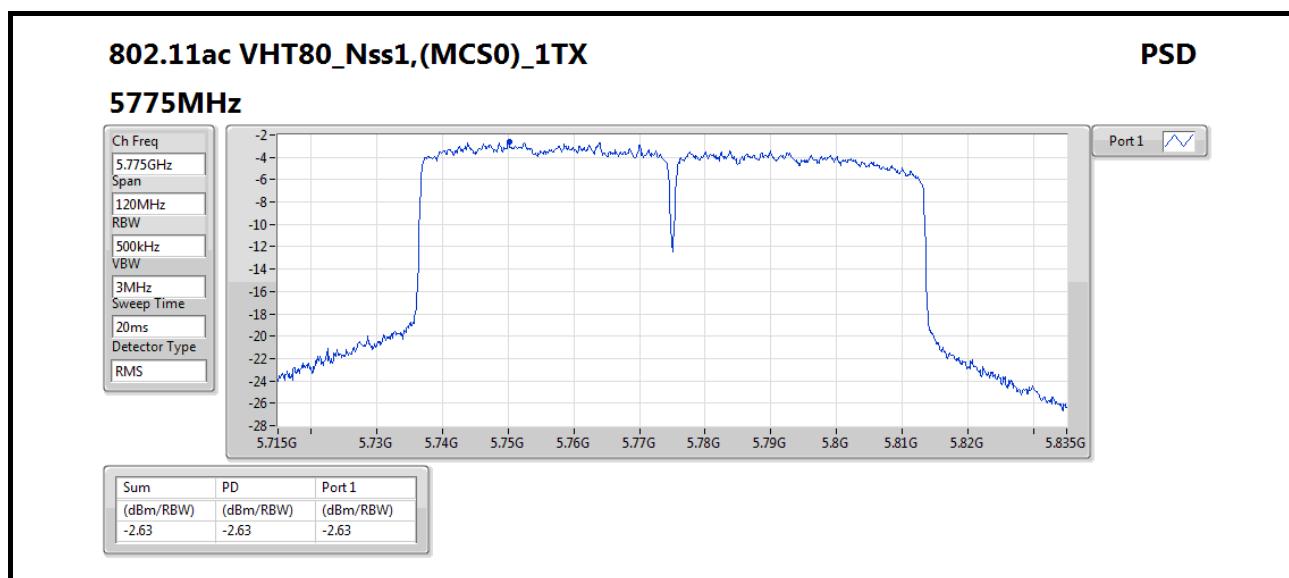
PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-1.92





For Set 5 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	8.07
5.25-5.35GHz	9.41
5.47-5.725GHz	8.89
5.725-5.85GHz	7.15
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	7.75
5.25-5.35GHz	9.06
5.47-5.725GHz	8.43
5.725-5.85GHz	6.53
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.64
5.25-5.35GHz	4.34
5.47-5.725GHz	5.68
5.725-5.85GHz	3.51
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-8.17
5.25-5.35GHz	-7.65
5.47-5.725GHz	3.16
5.725-5.85GHz	-0.87

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.70	4.45	4.45	11.00
5200MHz	Pass	3.70	8.07	8.07	11.00
5240MHz	Pass	3.70	4.91	4.91	11.00
5260MHz	Pass	3.70	9.41	9.41	11.00
5300MHz	Pass	3.70	8.75	8.75	11.00
5320MHz	Pass	3.70	5.01	5.01	11.00
5500MHz	Pass	3.70	4.42	4.42	11.00
5580MHz	Pass	3.70	8.21	8.21	11.00
5700MHz	Pass	3.70	3.58	3.58	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	8.89	8.89	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	7.15	7.15	30.00
5745MHz	Pass	3.70	5.63	5.63	30.00
5785MHz	Pass	3.70	6.73	6.73	30.00
5825MHz	Pass	3.70	6.19	6.19	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.70	4.17	4.17	11.00
5200MHz	Pass	3.70	7.75	7.75	11.00
5240MHz	Pass	3.70	4.82	4.82	11.00
5260MHz	Pass	3.70	9.06	9.06	11.00
5300MHz	Pass	3.70	8.83	8.83	11.00
5320MHz	Pass	3.70	4.96	4.96	11.00
5500MHz	Pass	3.70	4.55	4.55	11.00
5580MHz	Pass	3.70	7.99	7.99	11.00
5700MHz	Pass	3.70	5.92	5.92	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	8.43	8.43	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	6.53	6.53	30.00
5745MHz	Pass	3.70	5.24	5.24	30.00
5785MHz	Pass	3.70	6.31	6.31	30.00
5825MHz	Pass	3.70	5.94	5.94	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.70	-3.68	-3.68	11.00
5230MHz	Pass	3.70	1.64	1.64	11.00
5270MHz	Pass	3.70	4.34	4.34	11.00
5310MHz	Pass	3.70	-2.46	-2.46	11.00
5510MHz	Pass	3.70	-1.75	-1.75	11.00
5550MHz	Pass	3.70	3.03	3.03	11.00
5670MHz	Pass	3.70	3.45	3.45	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	5.68	5.68	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	3.15	3.15	30.00
5755MHz	Pass	3.70	2.38	2.38	30.00
5795MHz	Pass	3.70	3.51	3.51	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	3.70	-8.17	-8.17	11.00
5290MHz	Pass	3.70	-7.65	-7.65	11.00
5530MHz	Pass	3.70	-8.00	-8.00	11.00
5610MHz	Pass	3.70	-0.46	-0.46	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	3.16	3.16	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	-0.87	-0.87	30.00
5775MHz	Pass	3.70	-2.06	-2.06	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

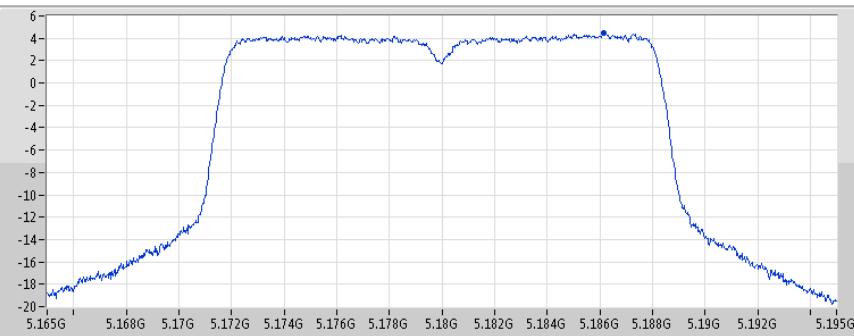


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



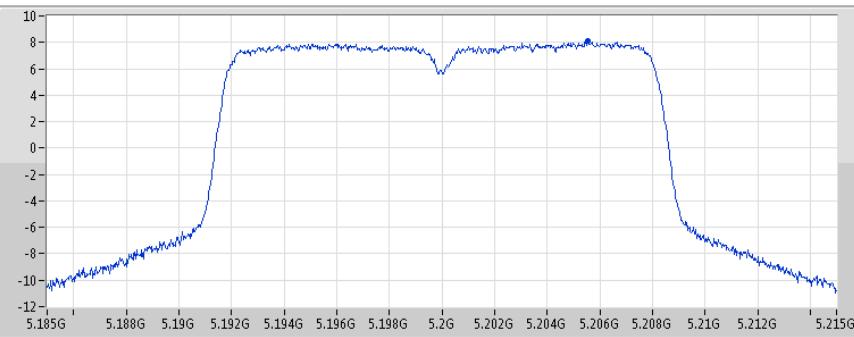
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.45	4.45	4.45

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq	5.2GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.07	8.07	8.07

802.11a_(6Mbps)_1TX

PSD

5240MHz

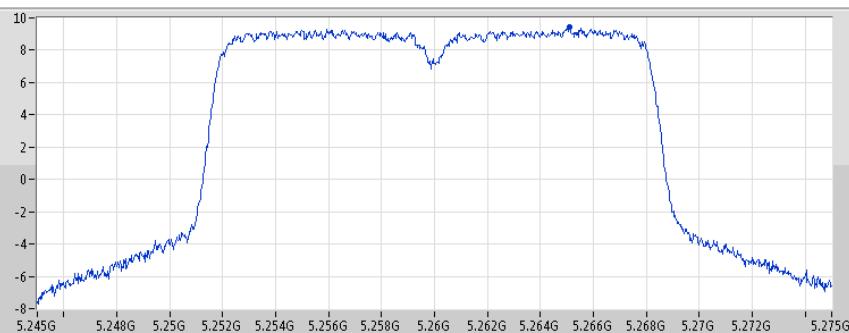
Ch Freq	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



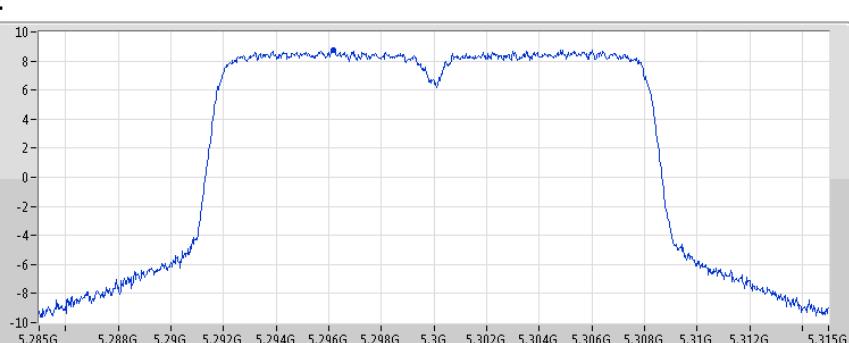
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	4.91

**802.11a_(6Mbps)_1TX****PSD****5260MHz**

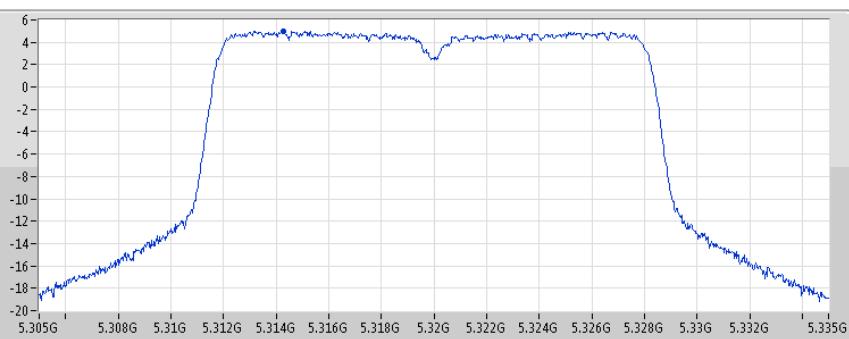
Ch Freq	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5300MHz**

Ch Freq	5.3GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5320MHz**

Ch Freq	5.32GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



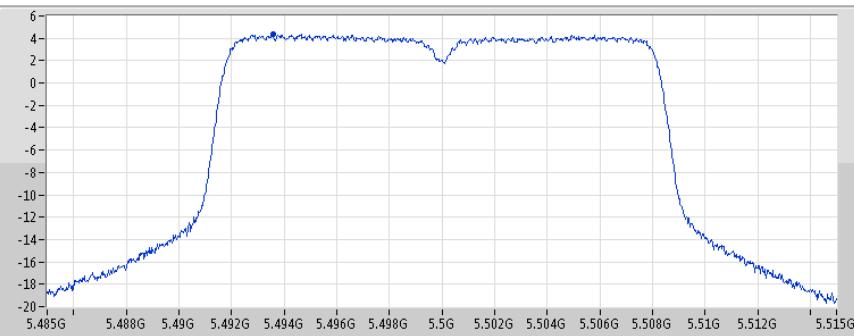


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



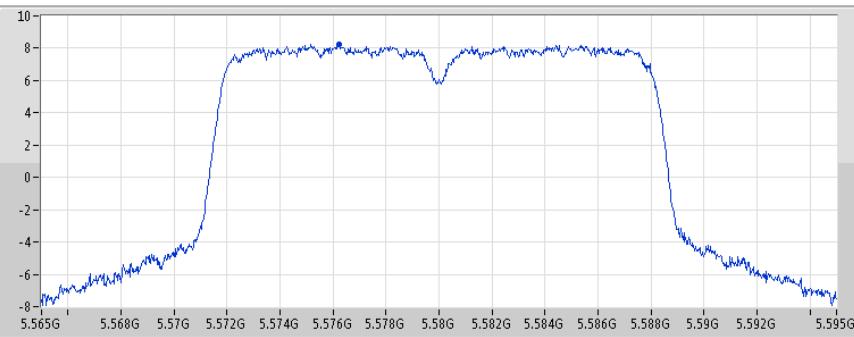
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	4.42

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



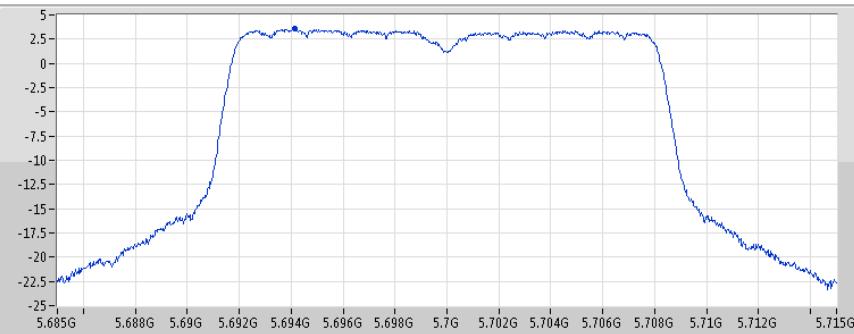
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	8.21

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	3.58

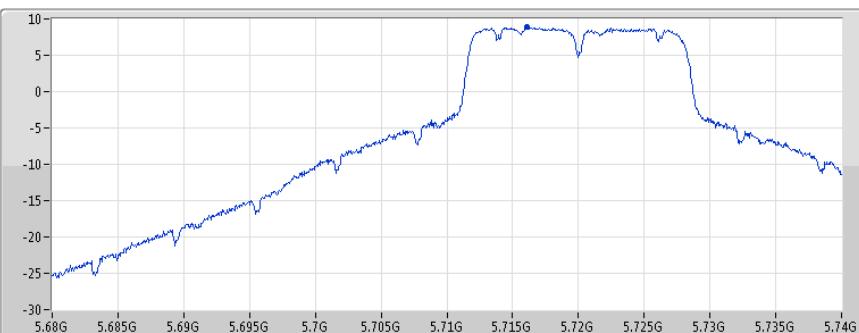


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



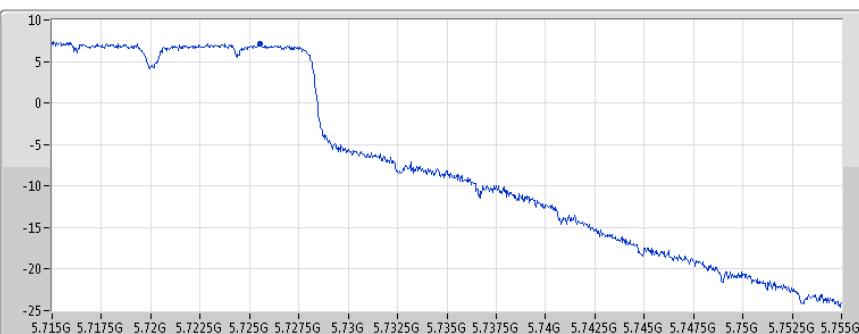
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	8.89

802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	7.15

802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	5.63

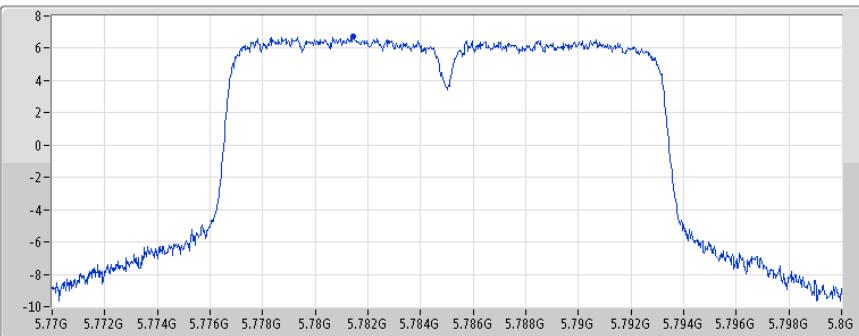


802.11a_(6Mbps)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



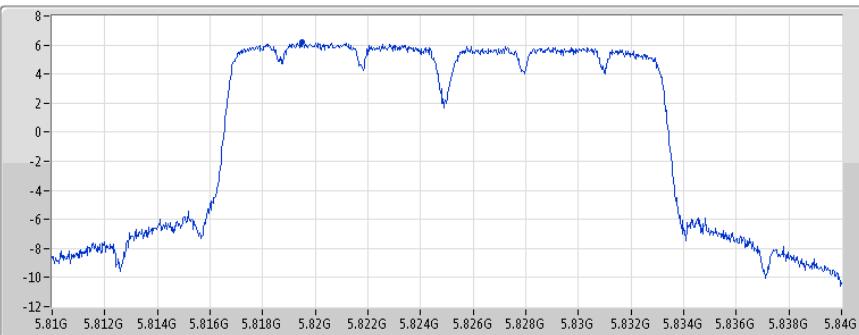
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.73	6.73	6.73

802.11a_(6Mbps)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



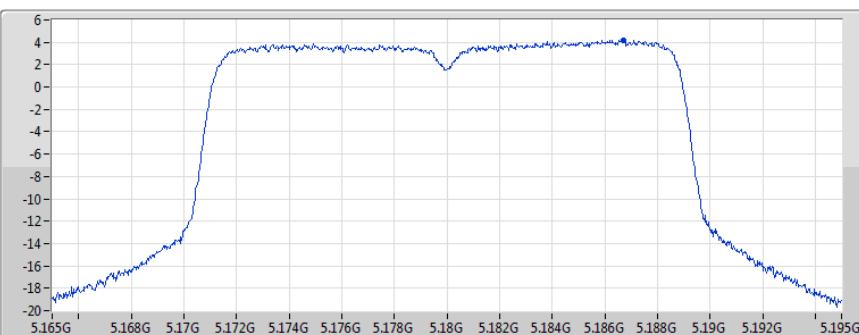
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	6.19

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	4.17

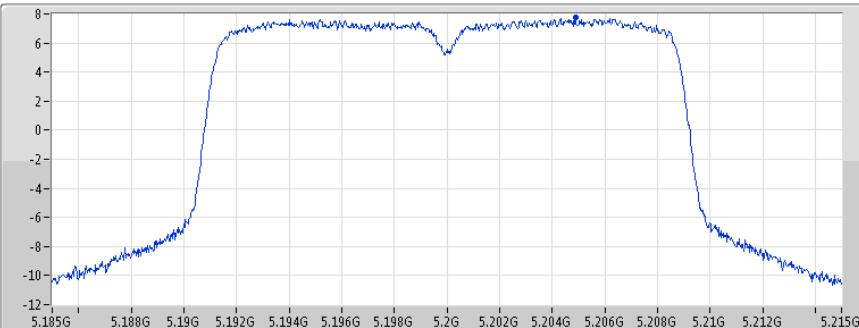


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



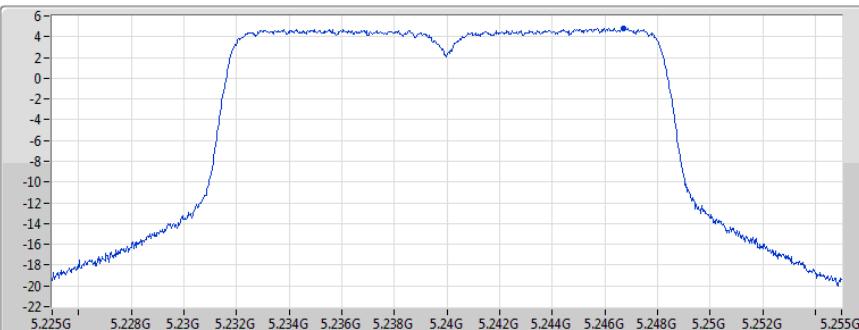
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



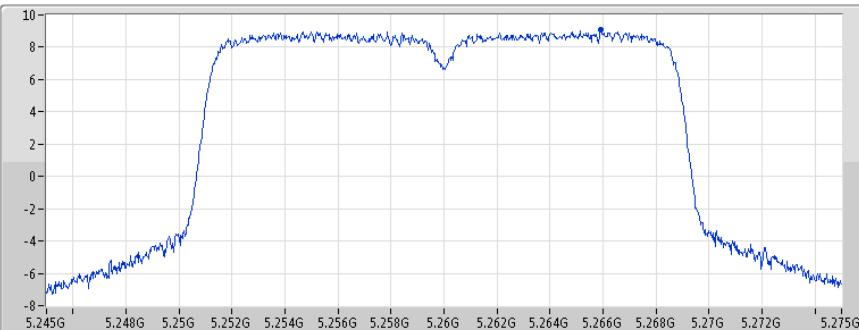
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	4.82

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.06	9.06	9.06

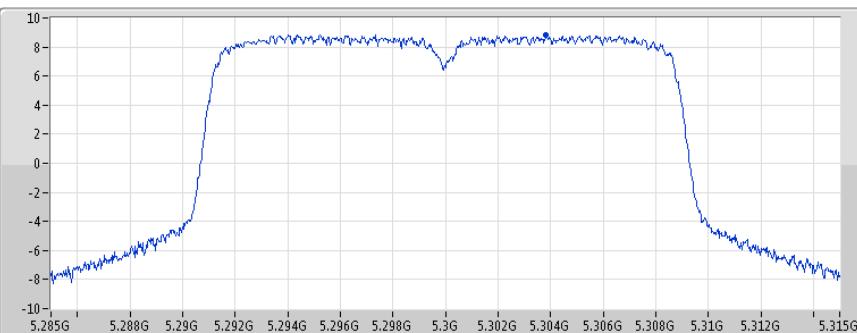


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



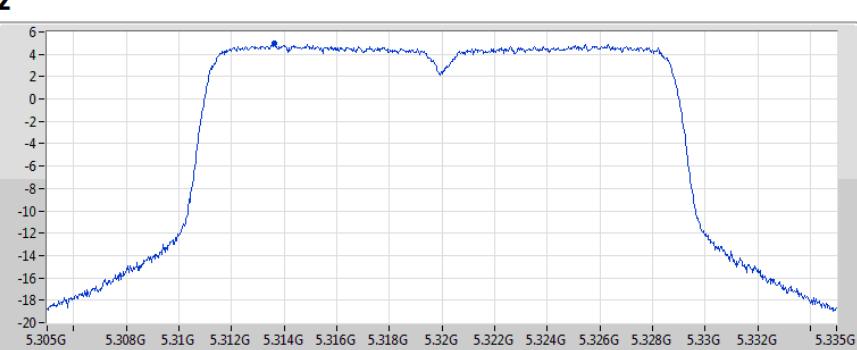
Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



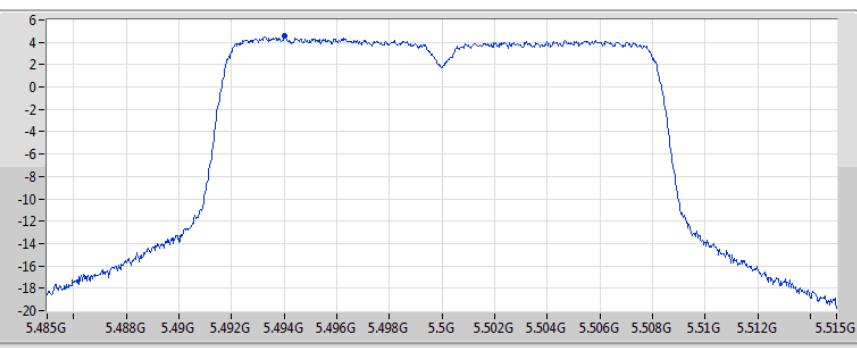
Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

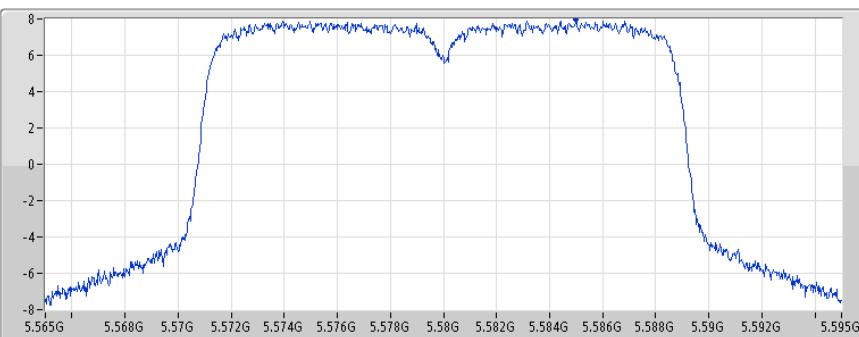


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

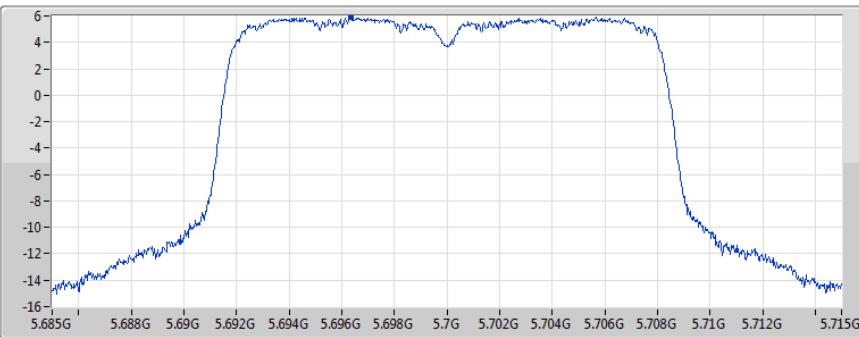
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	7.99

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

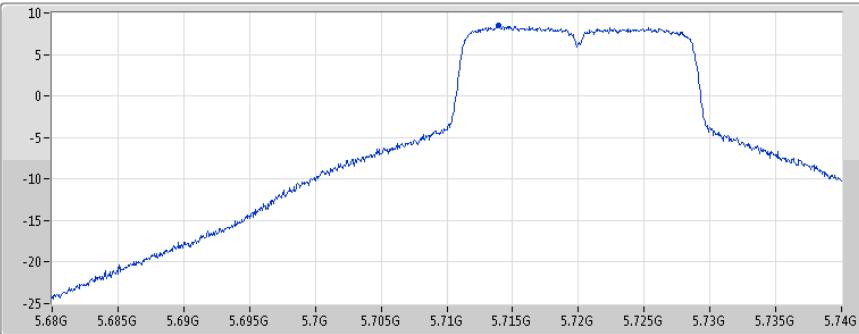
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	5.92

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	8.43

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

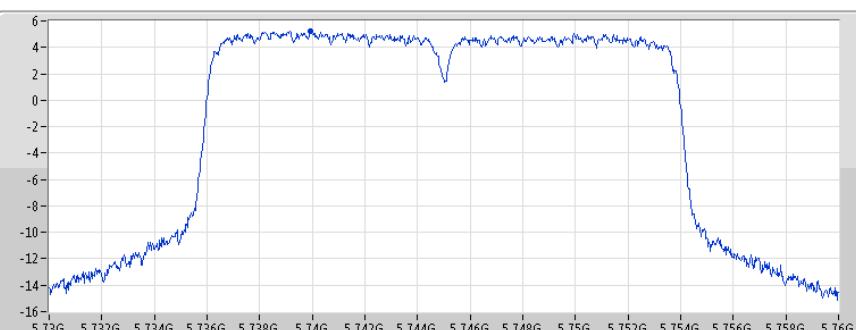
Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	6.53

**802.11ac VHT20_Nss1,(MCS0)_1TX
5745MHz****PSD**

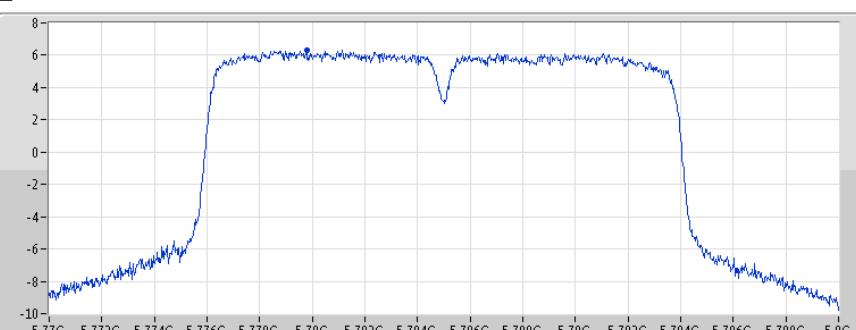
Ch Freq	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	5.24

**802.11ac VHT20_Nss1,(MCS0)_1TX
5785MHz****PSD**

Ch Freq	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	6.31

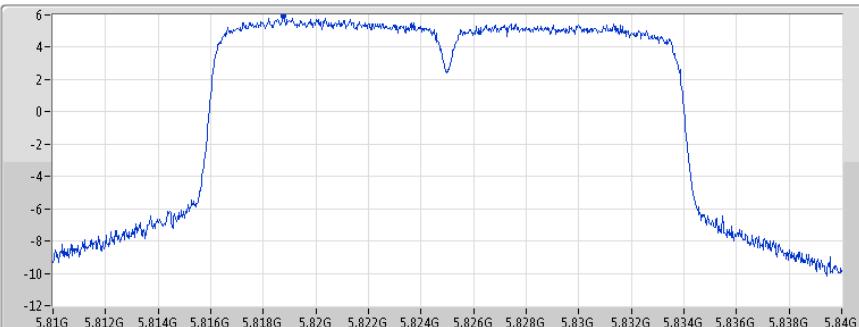


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



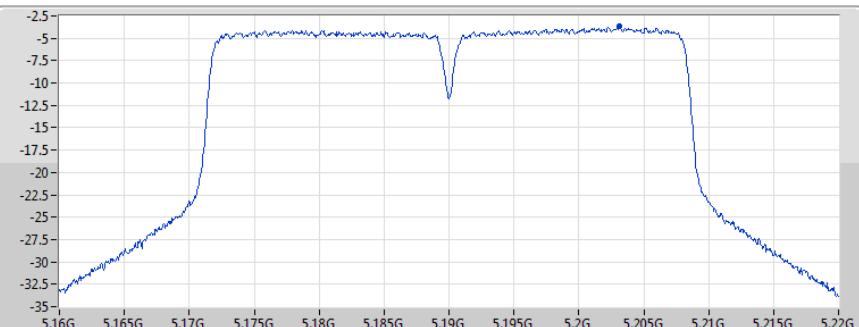
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	5.94

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

Ch Freq	5.19GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-3.68

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

Ch Freq	5.23GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.64	1.64	1.64

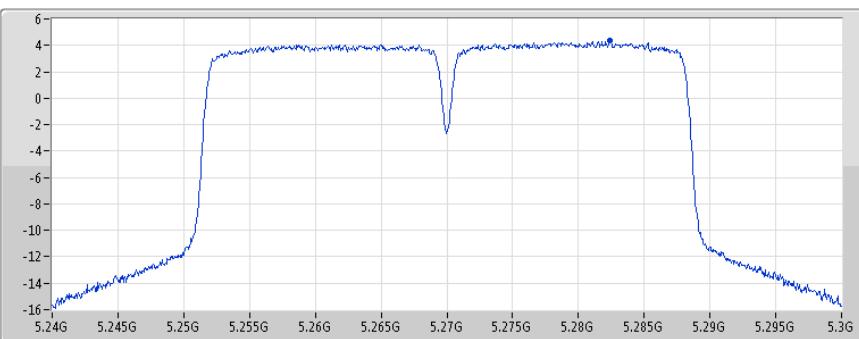


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq	5.27GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



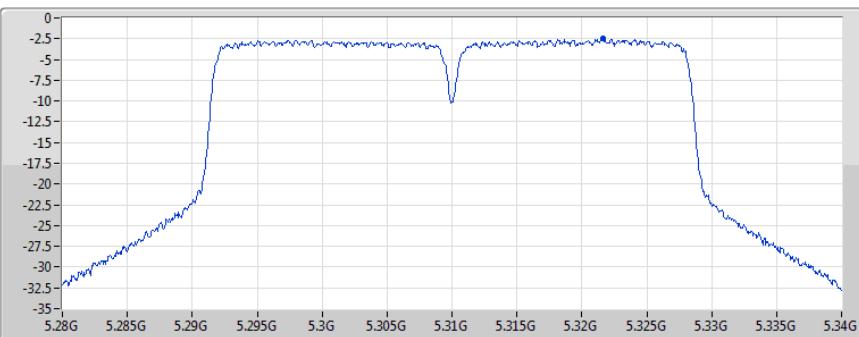
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	4.34

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq	5.31GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



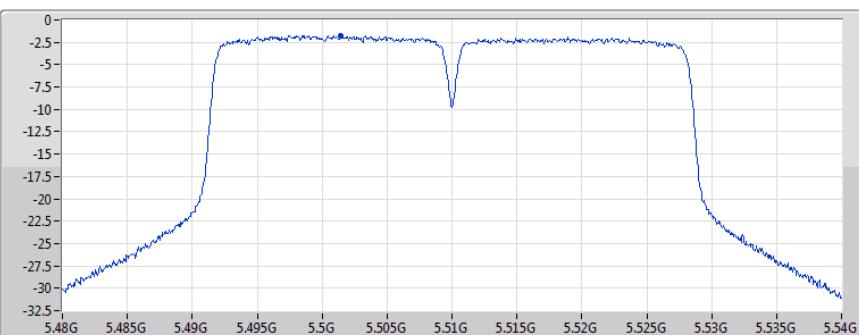
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.46	-2.46	-2.46

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq	5.51GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.75	-1.75	-1.75

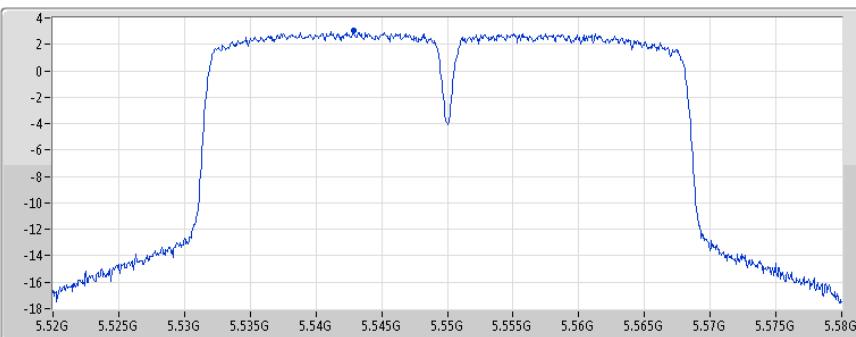


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

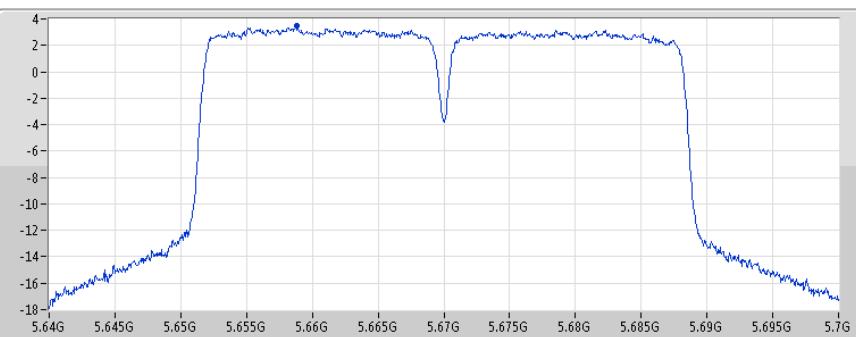
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.03	3.03	3.03

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

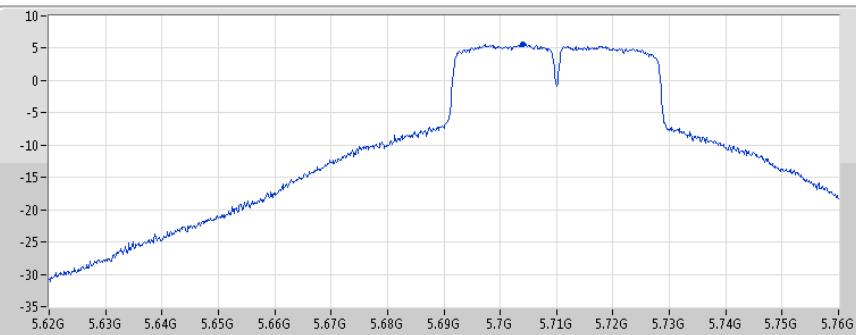
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.45	3.45	3.45

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	5.68



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



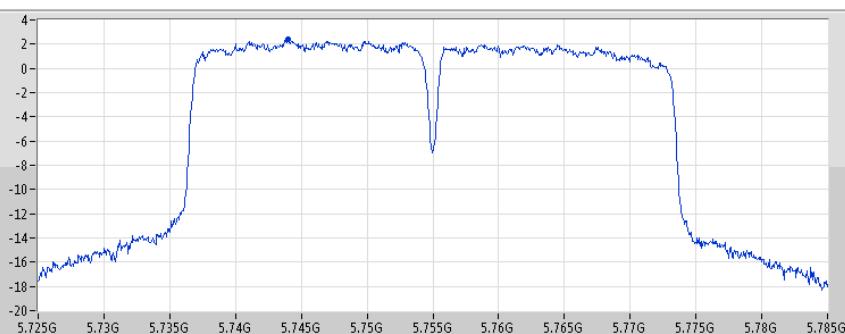
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	3.15

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	2.38

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	3.51

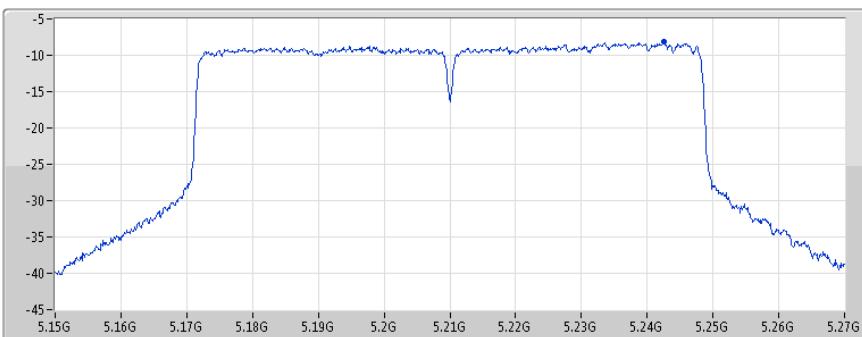


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



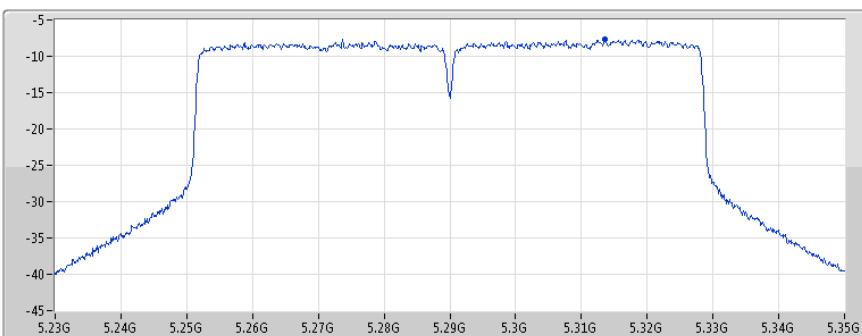
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.17	-8.17	-8.17

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.65	-7.65	-7.65

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.00	-8.00	-8.00

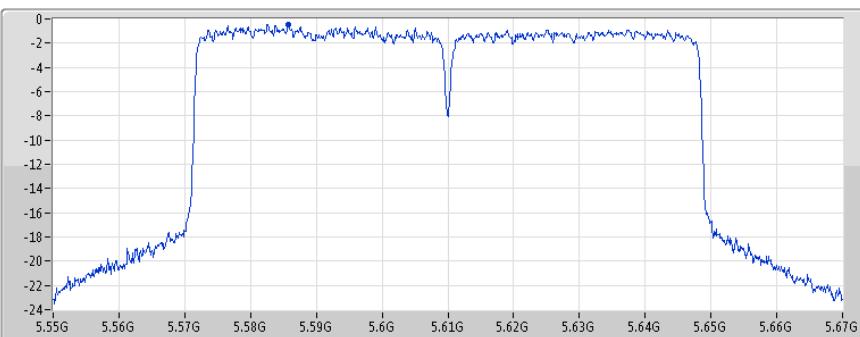


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



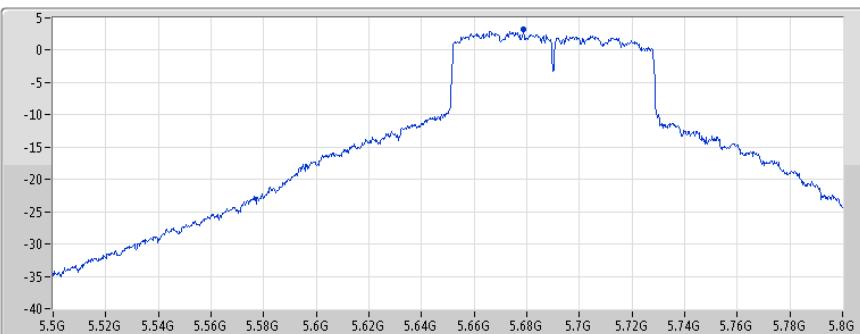
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.46	-0.46	-0.46

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



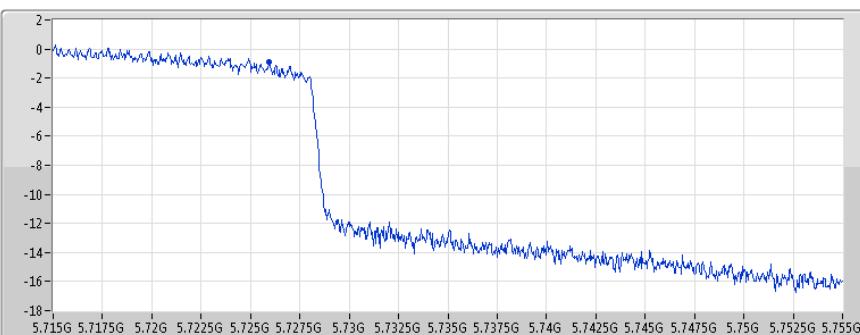
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	3.16

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.87	-0.87	-0.87

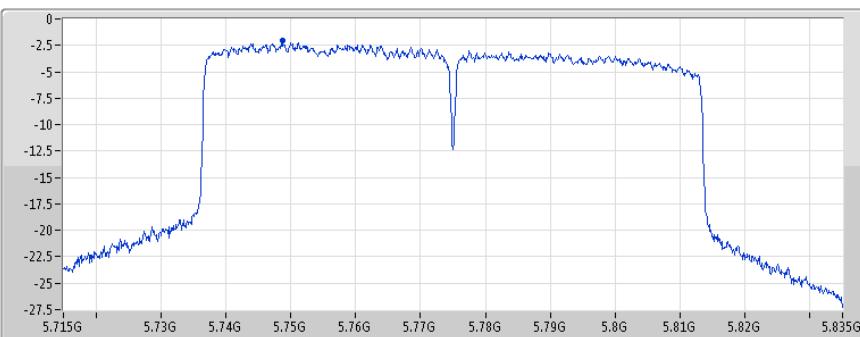


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.06	-2.06	-2.06



For Set 6 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	8.43
5.25-5.35GHz	8.65
5.47-5.725GHz	7.41
5.725-5.85GHz	5.75
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	8.23
5.25-5.35GHz	8.29
5.47-5.725GHz	7.28
5.725-5.85GHz	5.44
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.64
5.25-5.35GHz	4.69
5.47-5.725GHz	5.26
5.725-5.85GHz	3.12
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-6.72
5.25-5.35GHz	-7.08
5.47-5.725GHz	2.82
5.725-5.85GHz	-1.21

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.25	4.37	4.37	11.00
5200MHz	Pass	2.25	8.43	8.43	11.00
5240MHz	Pass	2.25	4.78	4.78	11.00
5260MHz	Pass	2.25	7.89	7.89	11.00
5300MHz	Pass	2.25	8.65	8.65	11.00
5320MHz	Pass	2.25	5.88	5.88	11.00
5500MHz	Pass	2.25	5.28	5.28	11.00
5580MHz	Pass	2.25	7.36	7.36	11.00
5700MHz	Pass	2.25	3.89	3.89	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.25	7.41	7.41	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.25	5.52	5.52	30.00
5745MHz	Pass	2.25	5.75	5.75	30.00
5785MHz	Pass	2.25	5.42	5.42	30.00
5825MHz	Pass	2.25	4.92	4.92	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.25	4.44	4.44	11.00
5200MHz	Pass	2.25	8.23	8.23	11.00
5240MHz	Pass	2.25	4.82	4.82	11.00
5260MHz	Pass	2.25	7.97	7.97	11.00
5300MHz	Pass	2.25	8.29	8.29	11.00
5320MHz	Pass	2.25	5.64	5.64	11.00
5500MHz	Pass	2.25	5.21	5.21	11.00
5580MHz	Pass	2.25	6.81	6.81	11.00
5700MHz	Pass	2.25	4.25	4.25	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.25	7.28	7.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.25	5.44	5.44	30.00
5745MHz	Pass	2.25	5.22	5.22	30.00
5785MHz	Pass	2.25	5.25	5.25	30.00
5825MHz	Pass	2.25	4.40	4.40	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.25	-2.79	-2.79	11.00
5230MHz	Pass	2.25	1.64	1.64	11.00
5270MHz	Pass	2.25	4.69	4.69	11.00
5310MHz	Pass	2.25	-2.27	-2.27	11.00
5510MHz	Pass	2.25	-1.24	-1.24	11.00
5550MHz	Pass	2.25	3.93	3.93	11.00
5670MHz	Pass	2.25	2.05	2.05	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.25	5.26	5.26	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.25	2.53	2.53	30.00
5755MHz	Pass	2.25	1.94	1.94	30.00
5795MHz	Pass	2.25	3.12	3.12	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	2.25	-6.72	-6.72	11.00
5290MHz	Pass	2.25	-7.08	-7.08	11.00
5530MHz	Pass	2.25	-6.34	-6.34	11.00
5610MHz	Pass	2.25	0.67	0.67	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.25	2.82	2.82	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.25	-1.21	-1.21	30.00
5775MHz	Pass	2.25	-1.94	-1.94	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

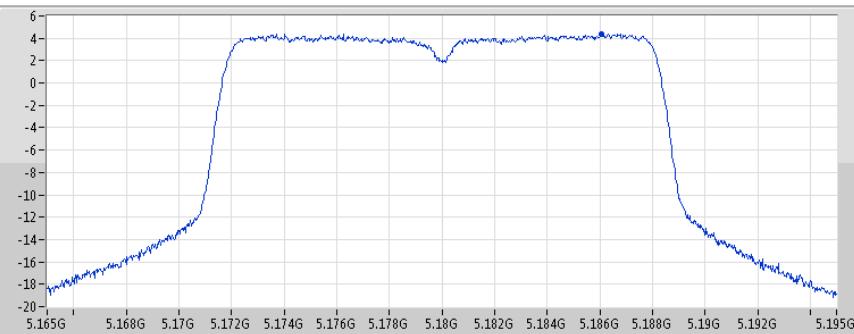


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



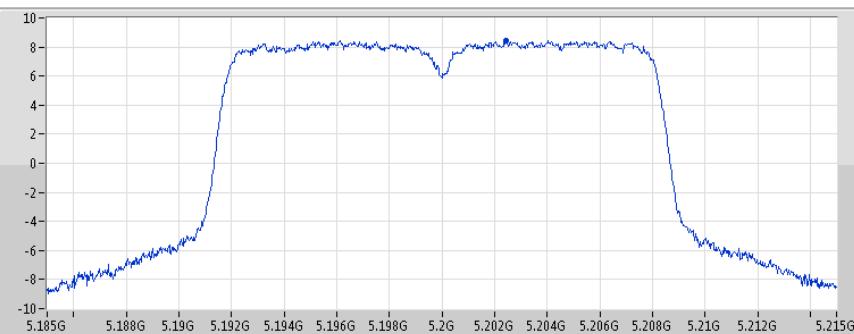
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	4.37

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq	5.2GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



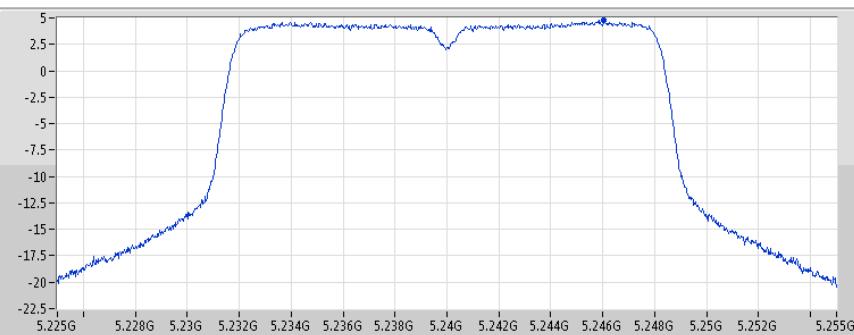
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	8.43

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	4.78

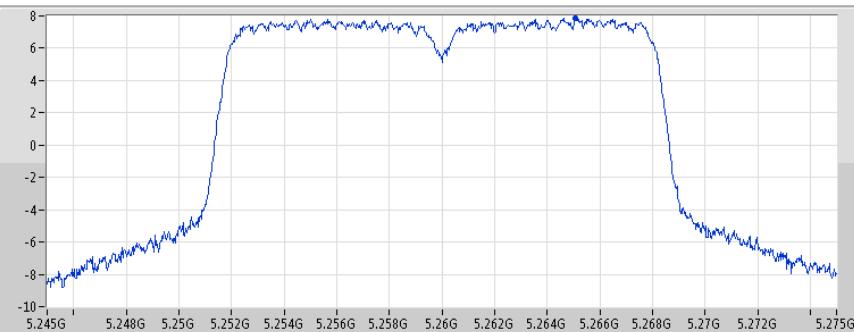


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	7.89

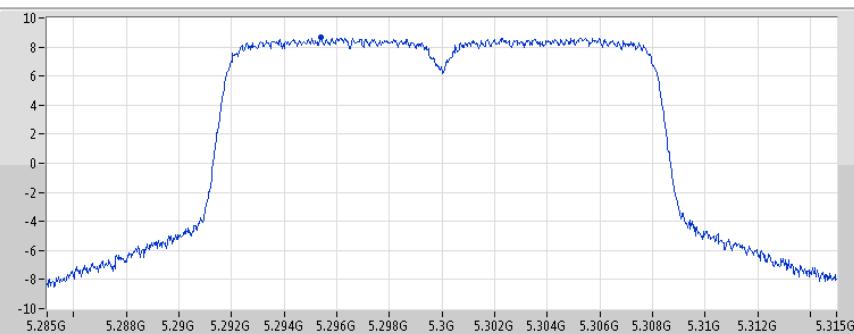
Port 1

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	8.65

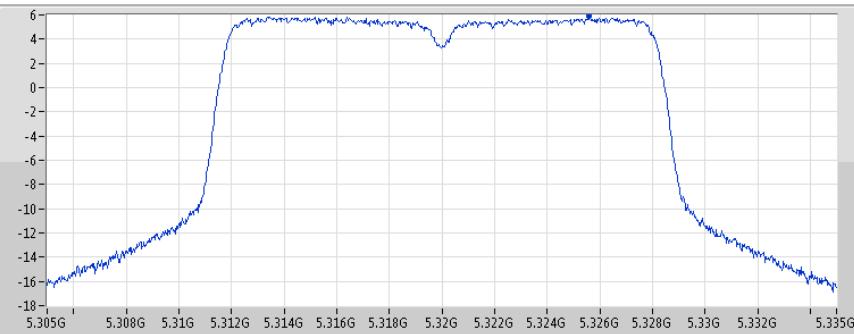
Port 1

802.11a_(6Mbps)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	5.88

Port 1

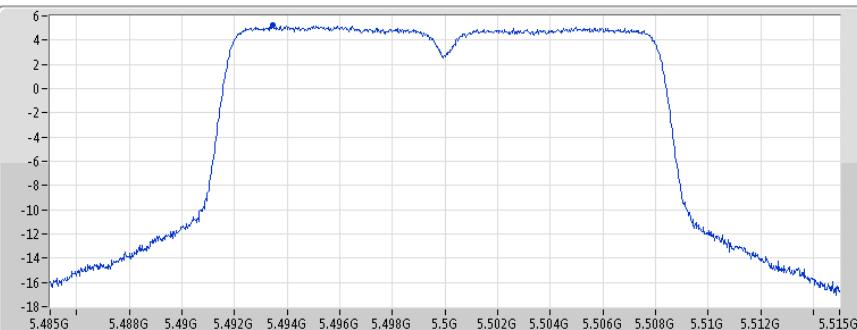


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



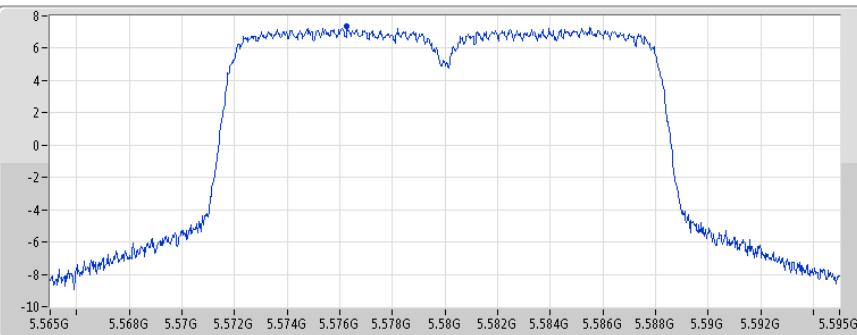
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.28	5.28	5.28

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



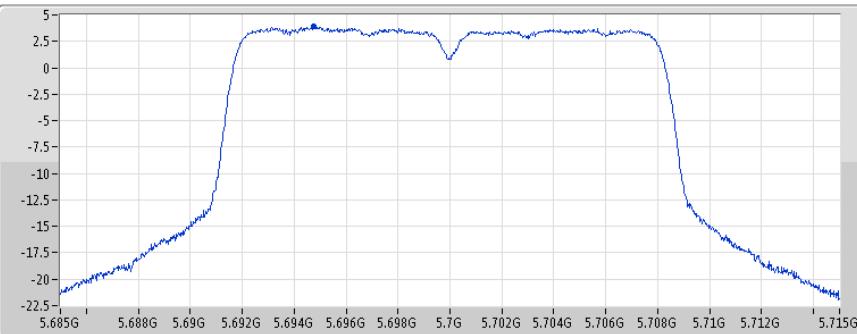
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.36	7.36	7.36

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	3.89

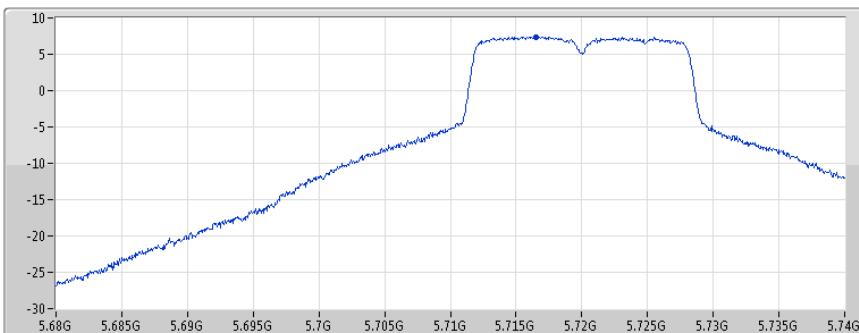


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



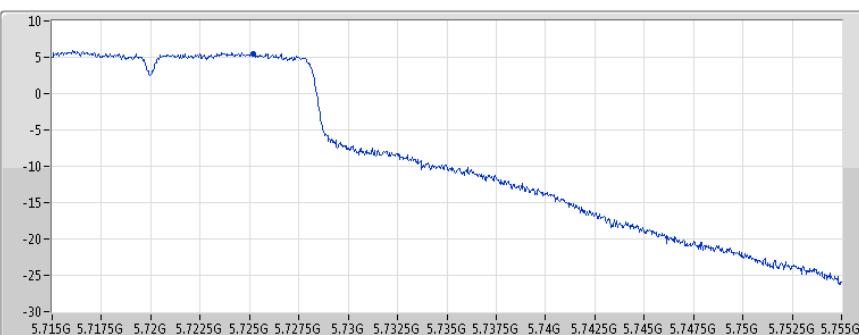
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	7.41

802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.52	5.52	5.52

802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	5.75

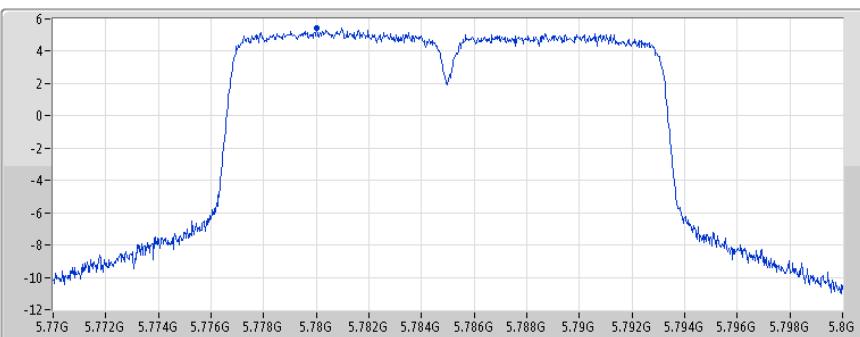


802.11a_(6Mbps)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

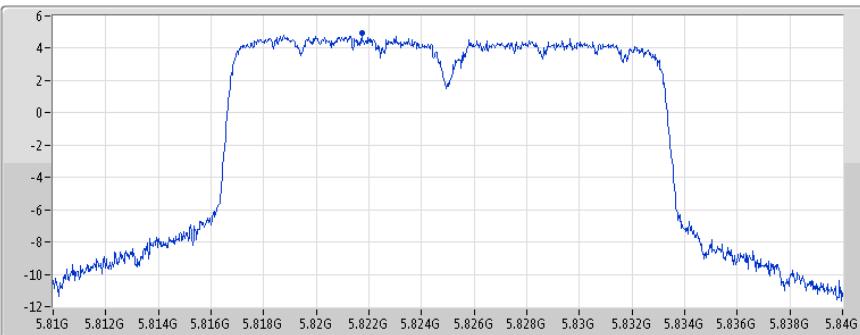
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	5.42

802.11a_(6Mbps)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

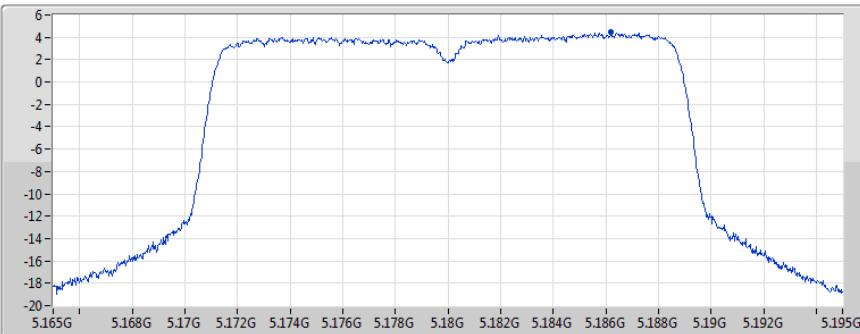
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	4.44

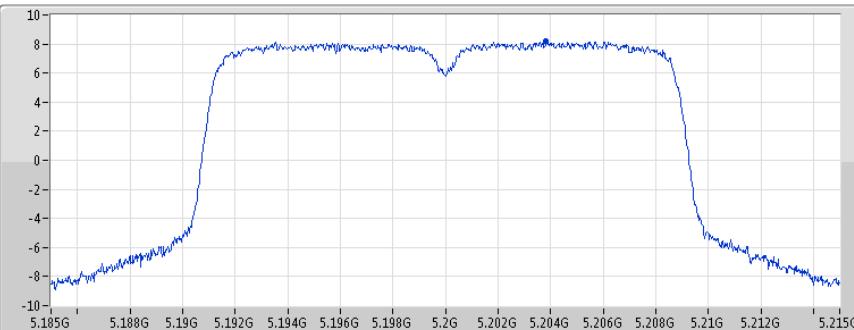


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



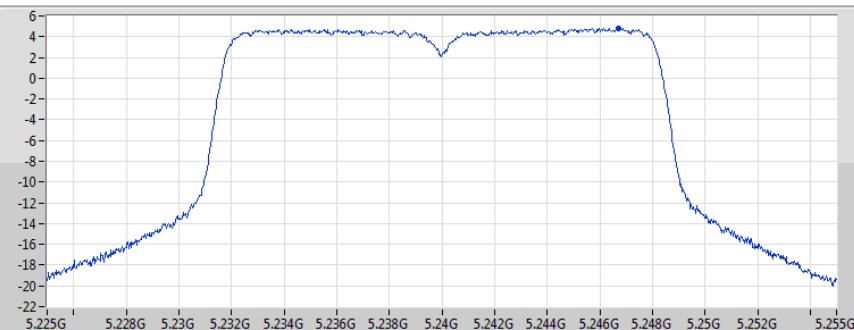
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.23	8.23	8.23

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



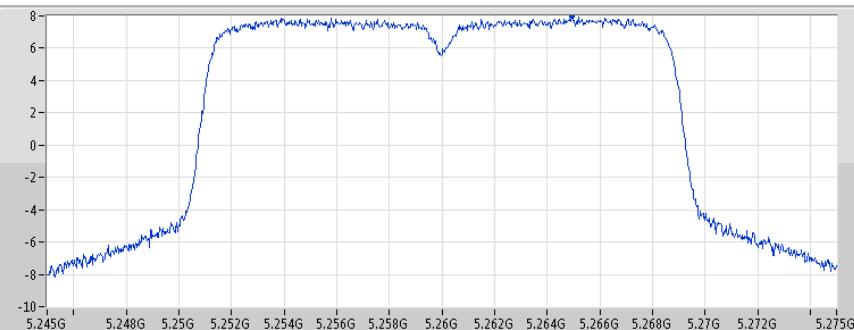
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	4.82

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	7.97

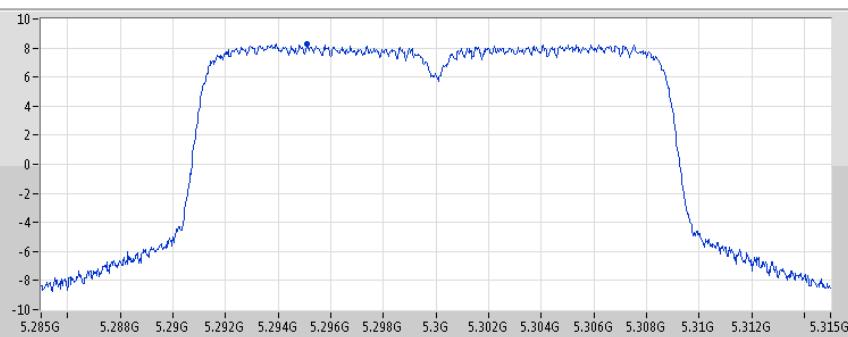


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



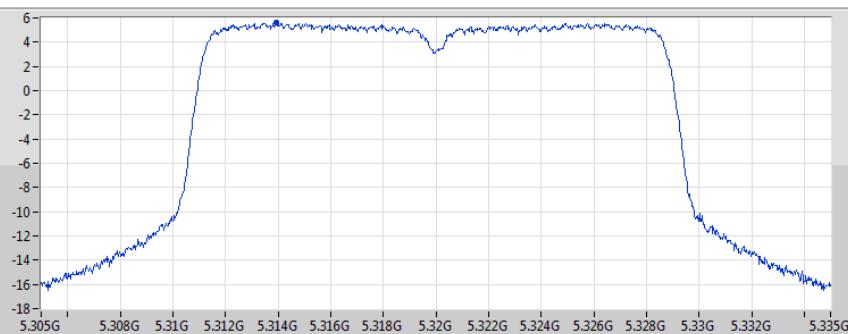
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	8.29

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



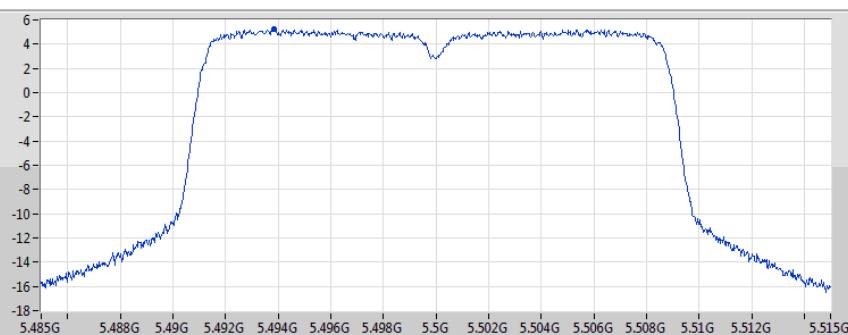
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	5.64

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.21	5.21	5.21

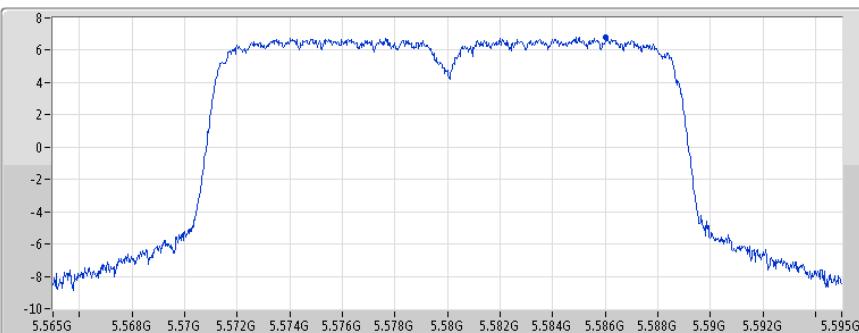


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

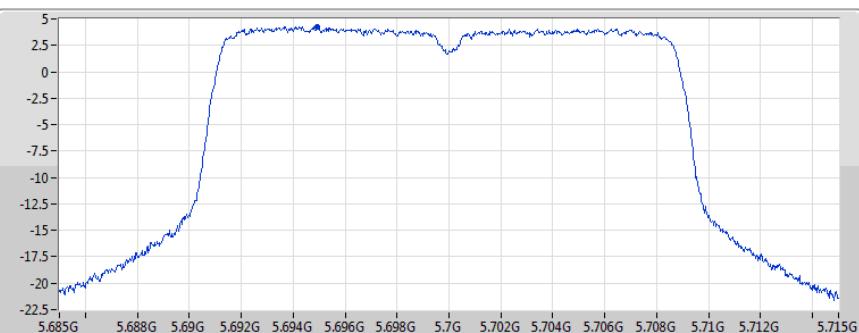
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	6.81

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

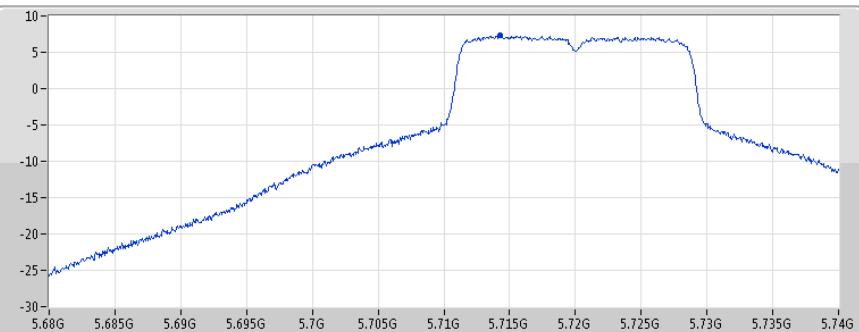
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	4.25

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

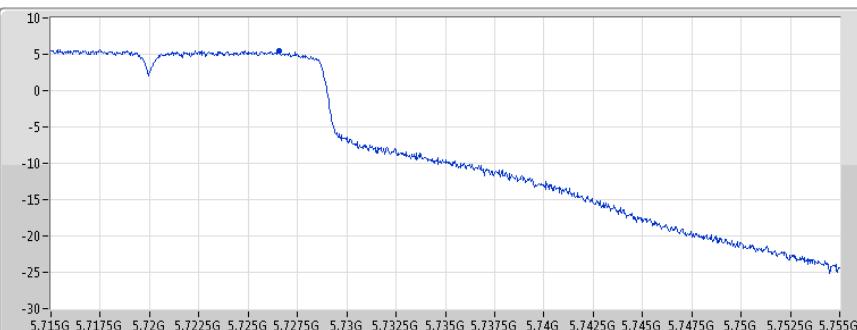


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	7.28

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.44	5.44	5.44

**802.11ac VHT20_Nss1,(MCS0)_1TX
5745MHz****PSD**

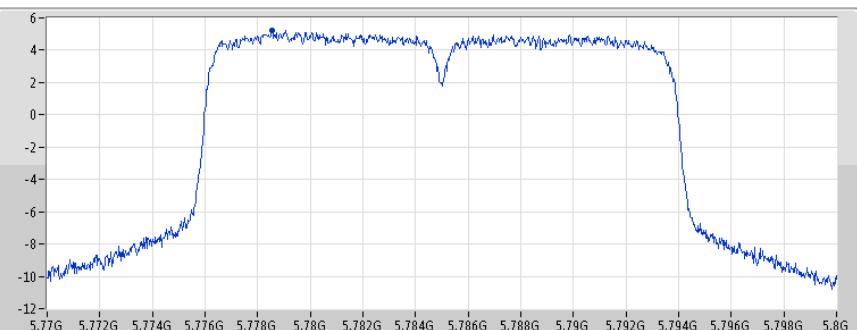
Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	5.22

**802.11ac VHT20_Nss1,(MCS0)_1TX
5785MHz****PSD**

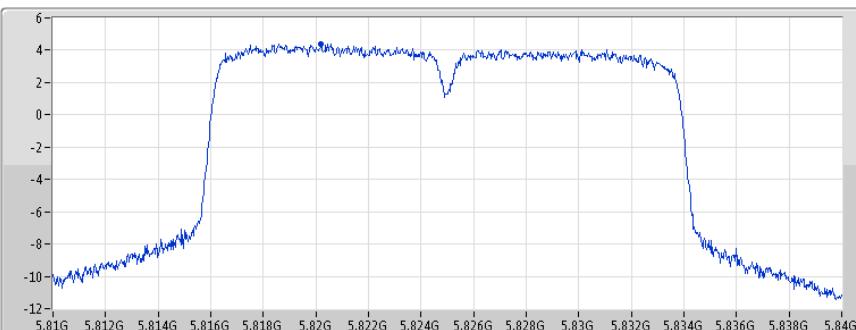
Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	5.25

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

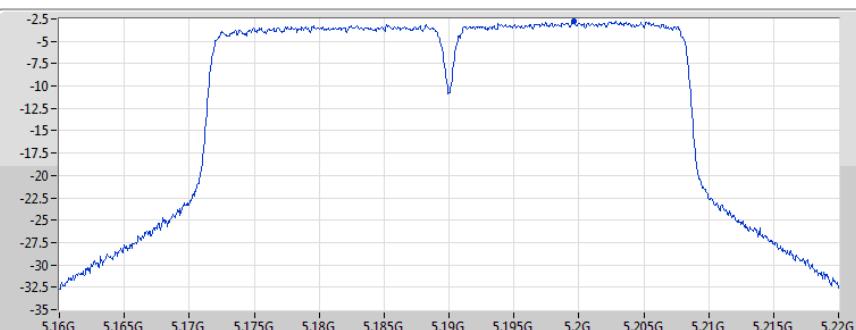
Ch Freq	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.40	4.40	4.40

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

Ch Freq	5.19GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.79	-2.79	-2.79

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

Ch Freq	5.23GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.64	1.64	1.64

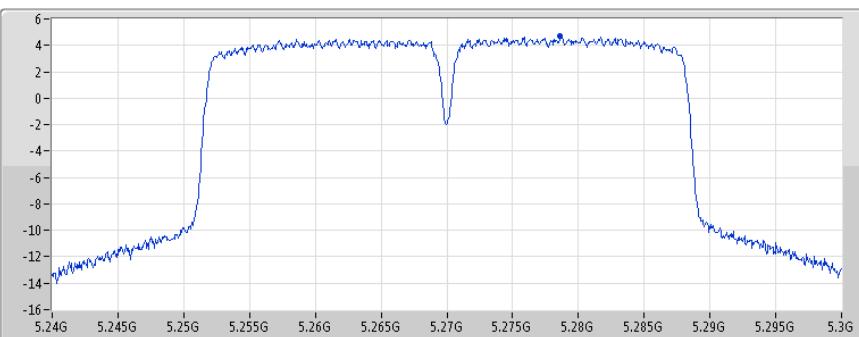


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



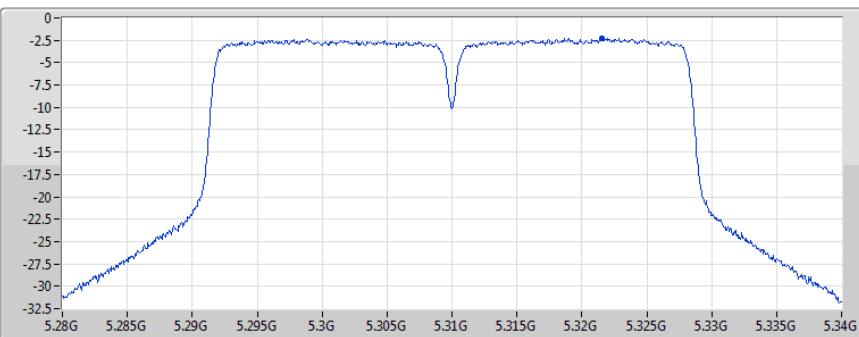
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	4.69

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



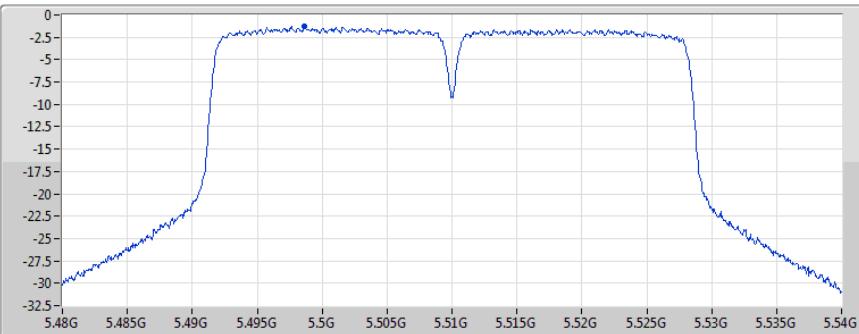
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.27	-2.27	-2.27

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.24	-1.24	-1.24

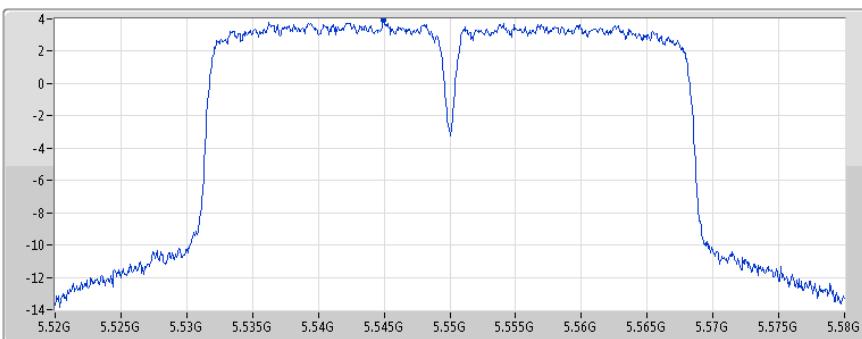


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



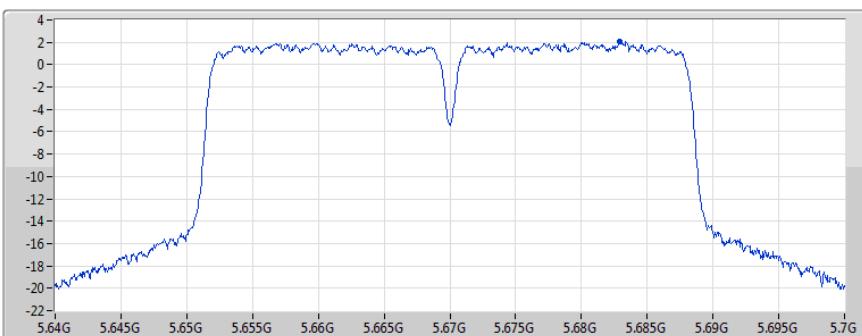
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	3.93

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



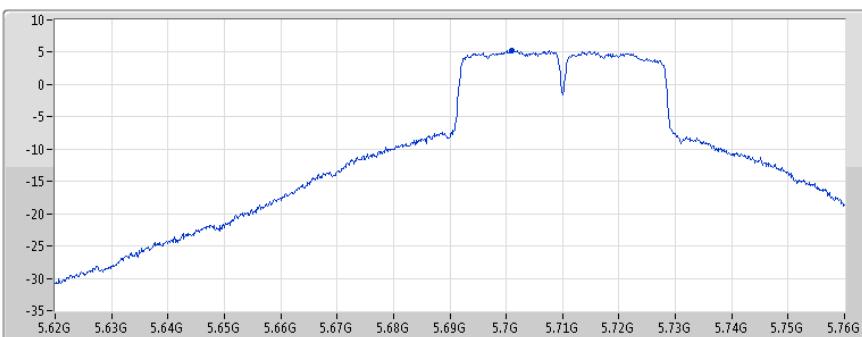
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.05	2.05	2.05

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	5.26

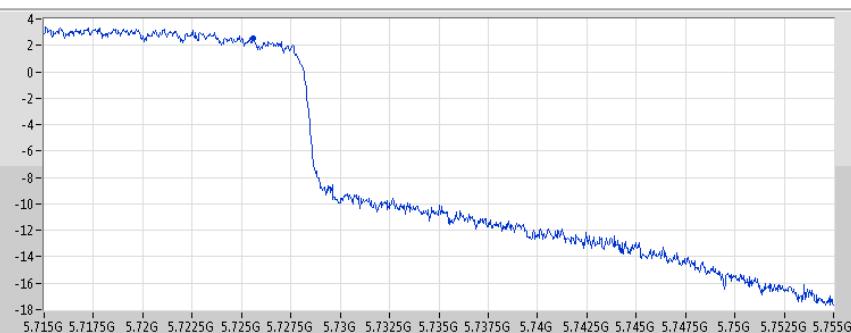


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	2.53

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.94	1.94	1.94

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.12	3.12	3.12

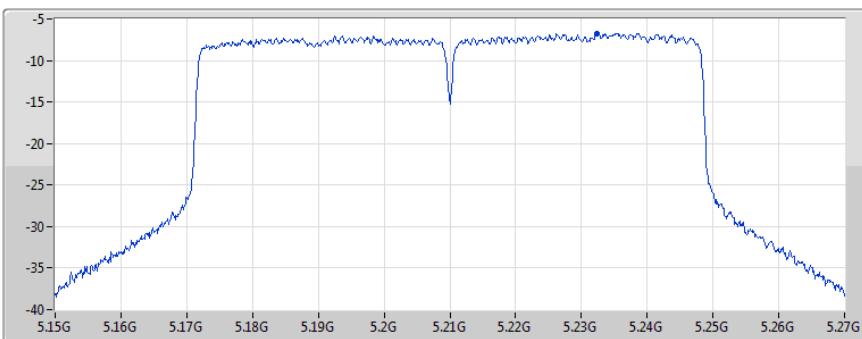


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



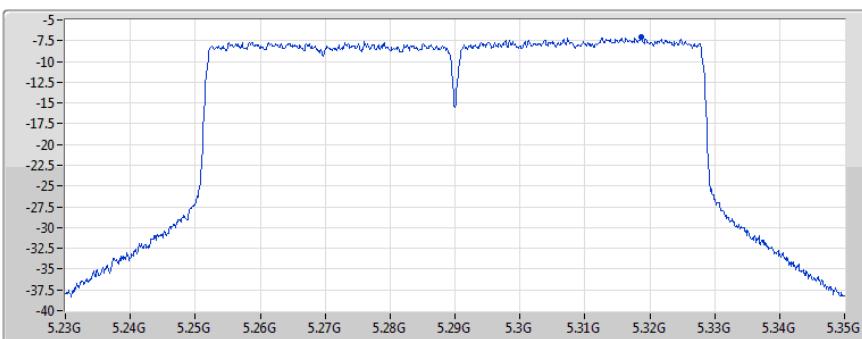
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.72	-6.72	-6.72

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.08	-7.08	-7.08

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

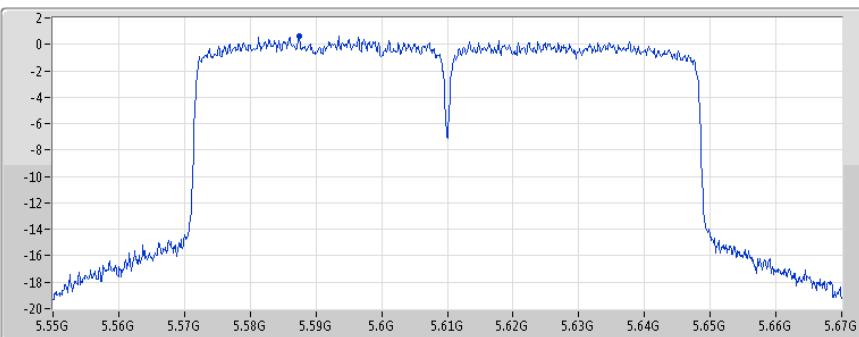
Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.34	-6.34	-6.34

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

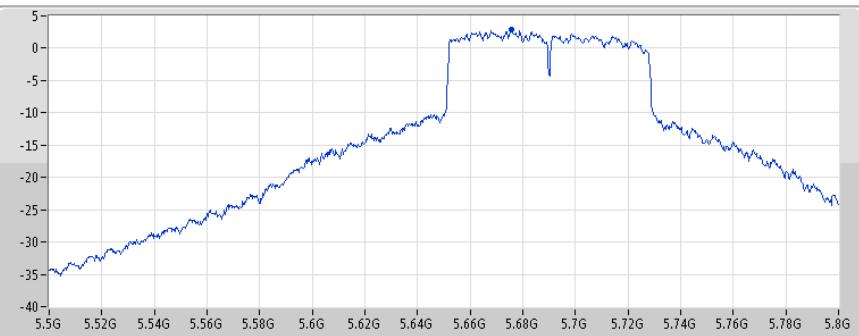
Ch Freq	5.61GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	0.67

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.47-5.725GHz**

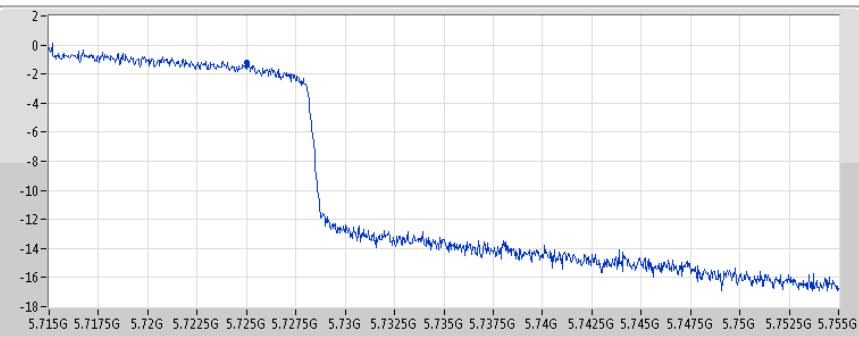
Ch Freq	5.65GHz
Span	300MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	2.82

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.725-5.85GHz**

Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.21	-1.21	-1.21

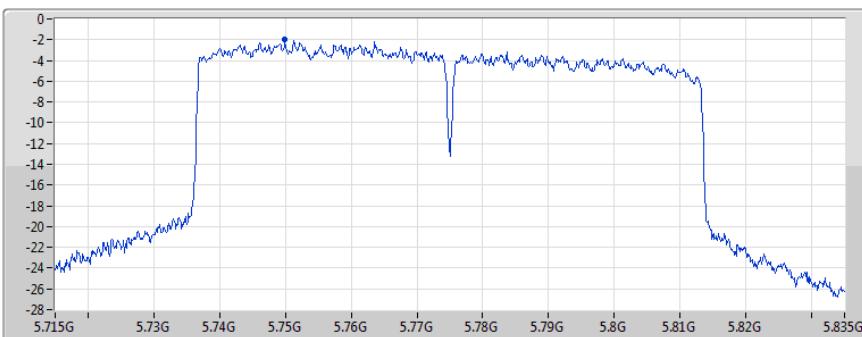


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.94	-1.94	-1.94



3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).



3.5.2 Measuring Instruments

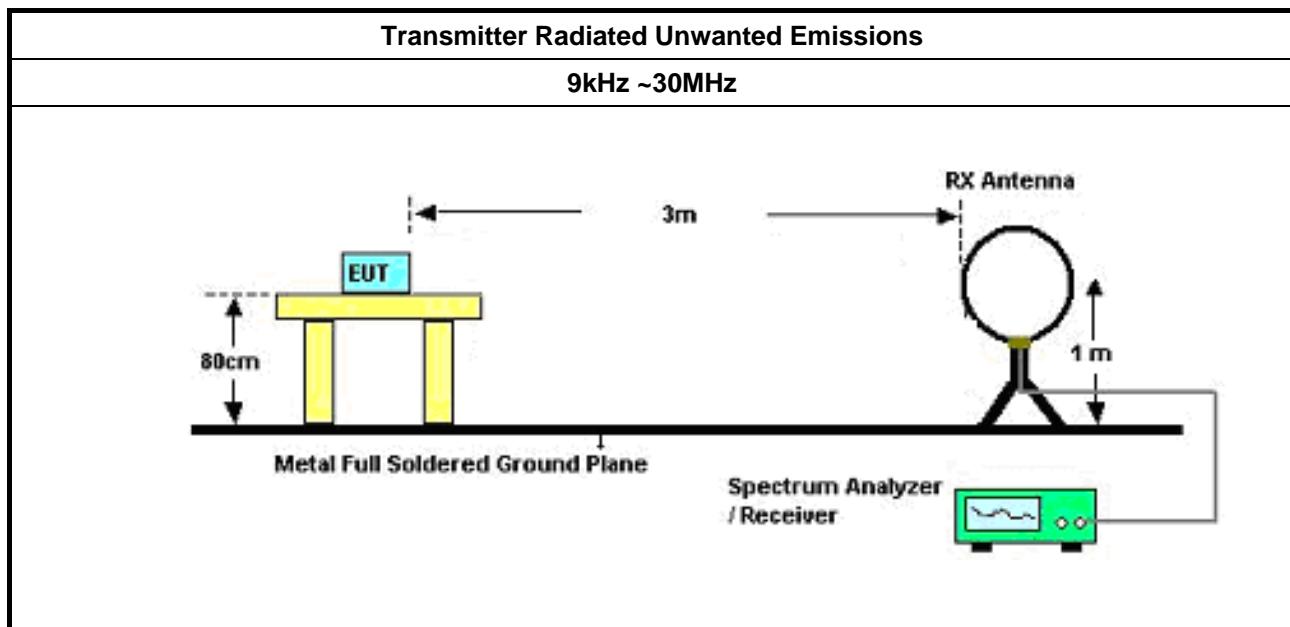
Refer a test equipment and calibration data table in this test report.

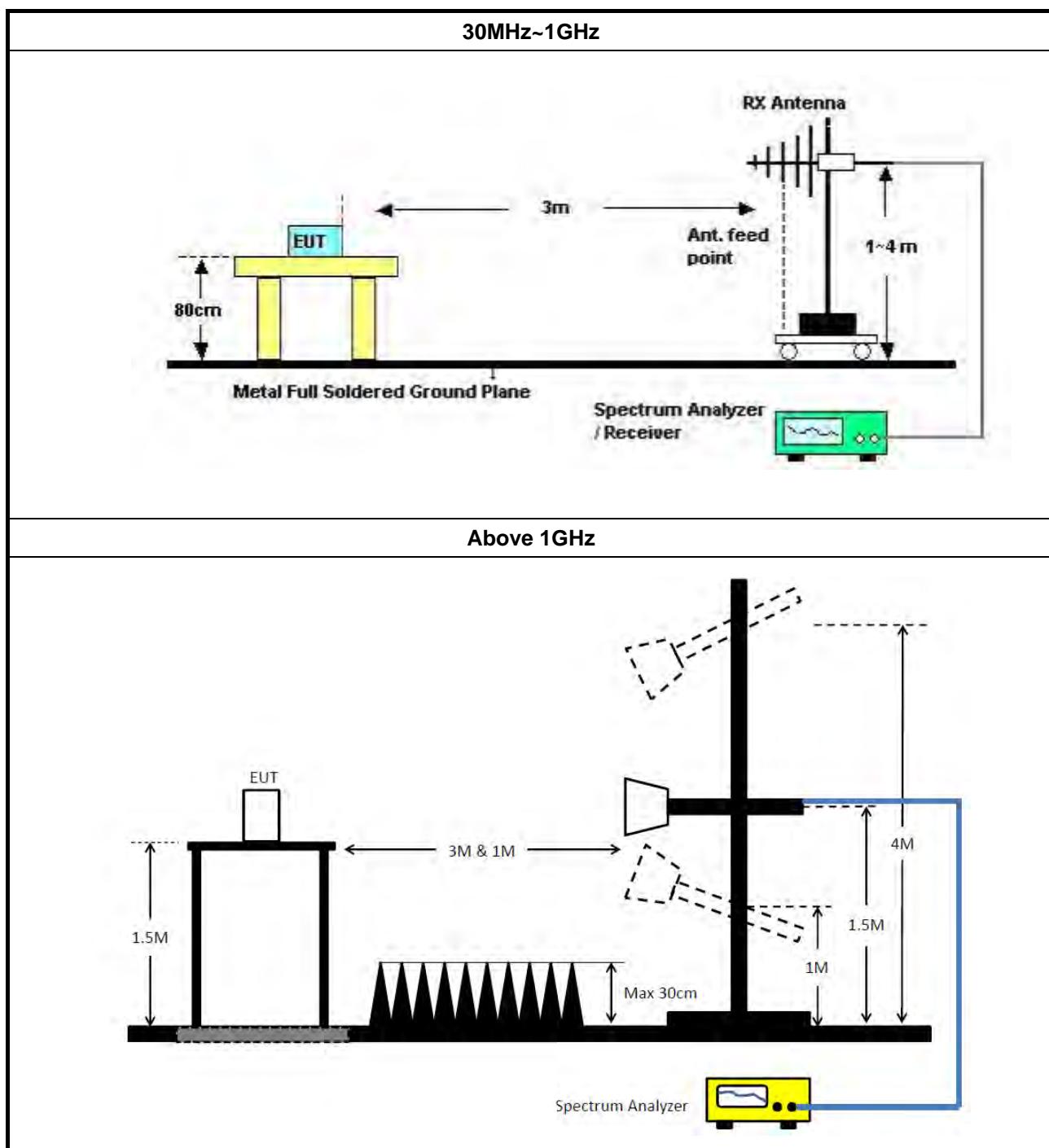
3.5.3 Test Procedures

Test Method	
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor].	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.
	<input type="checkbox"/> Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW \geq 1/T, where T is pulse time.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
▪ For radiated measurement.	
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.	
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033, clause H)3).	
	<ul style="list-style-type: none">▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log(N)$ if the measurements are made relative to the in-band emissions on the individual outputs.▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add $10 \log(N)$ dB▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.5.4 Test Setup



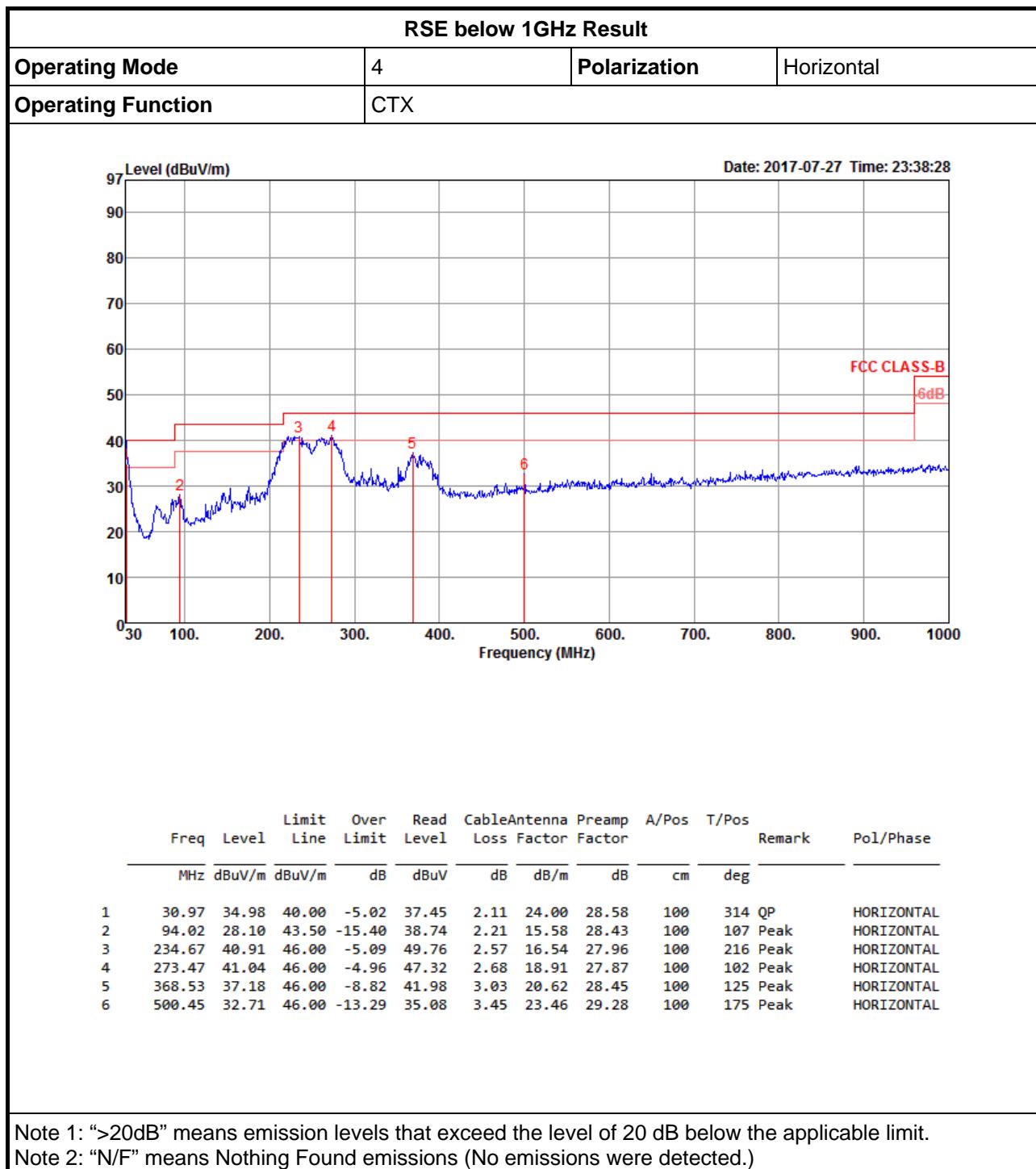


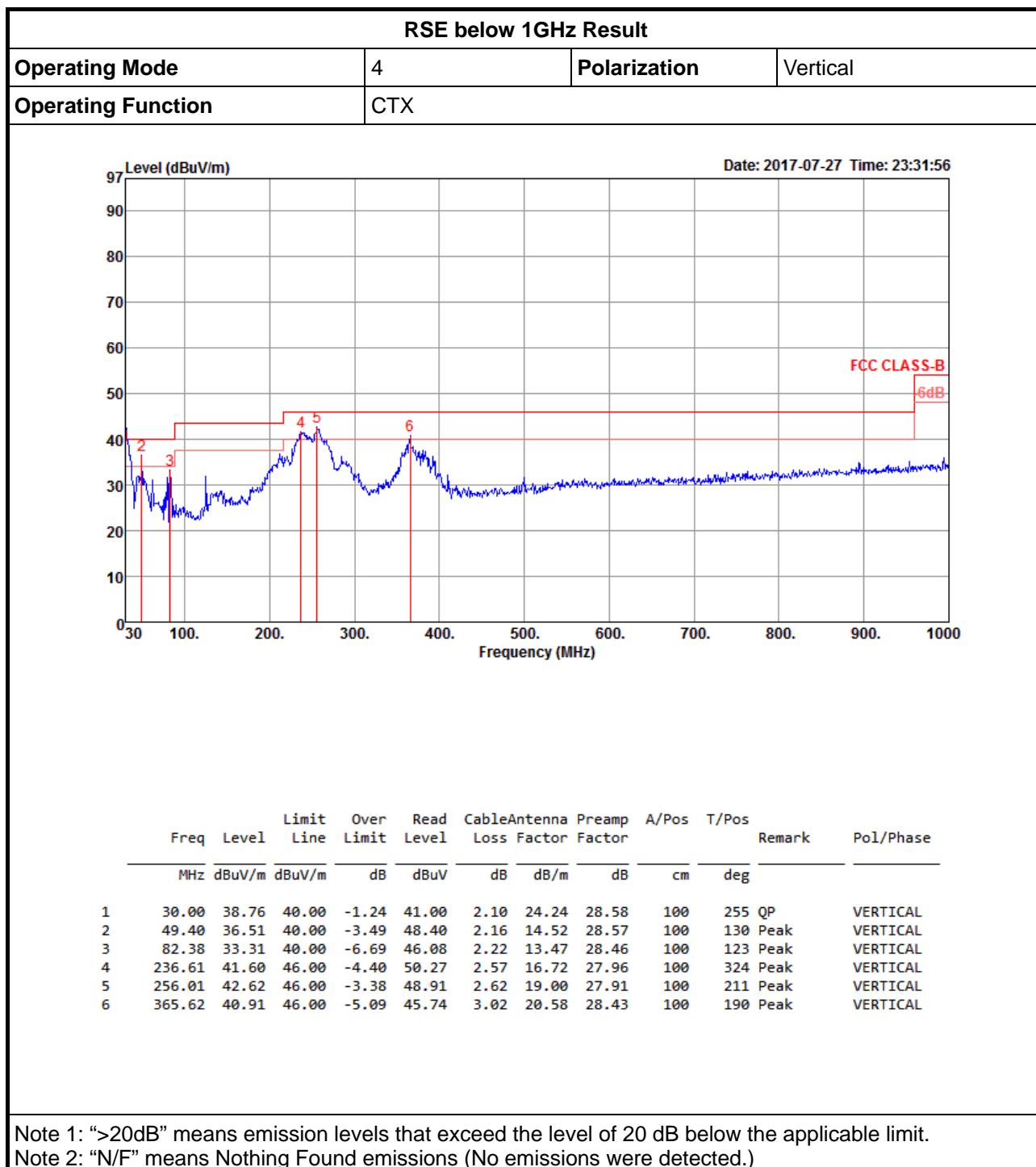
3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.



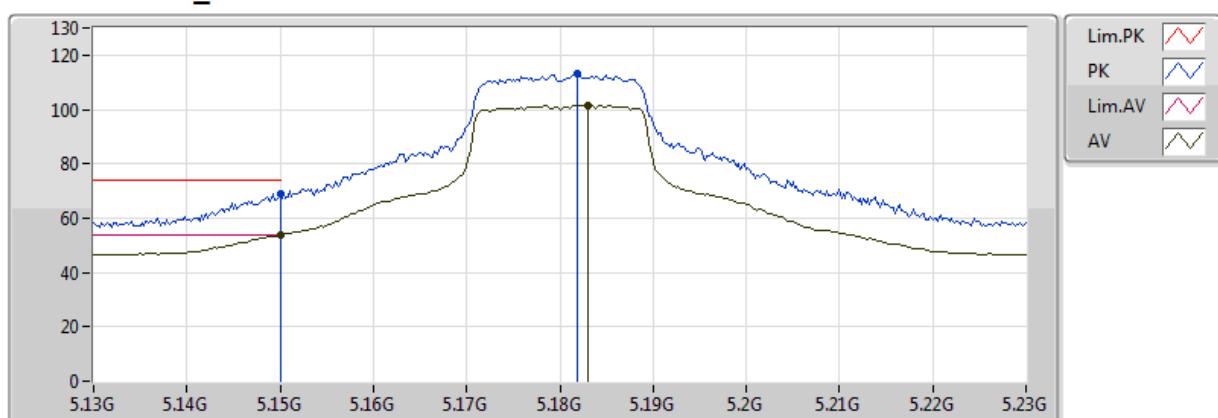
3.5.6 Test Result of Transmitter Unwanted Emissions





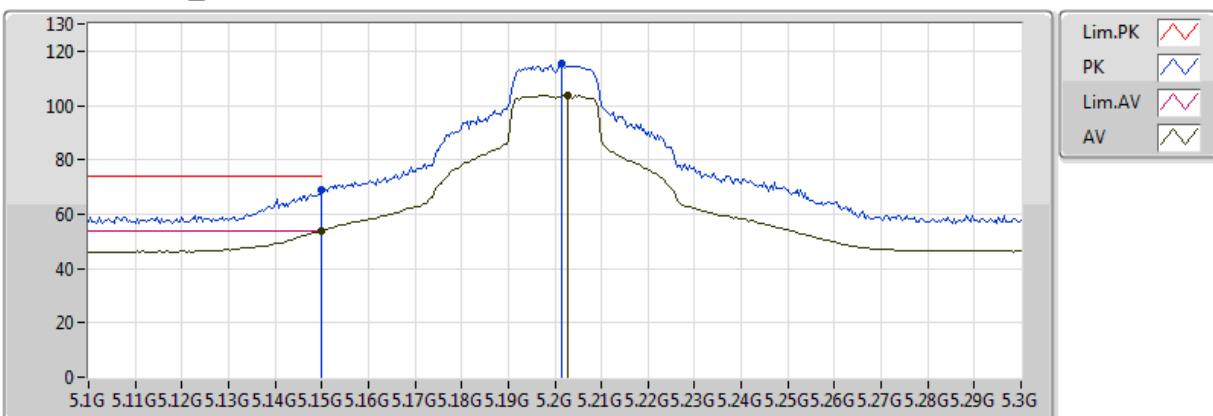
**RSE Above 1GHz Result****For Radio 2:****For Set 2 antennas / 1TX:****Band Edge Emission Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.98	54.00	-0.02	9.03	3	V	153	1.17	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5180MHz_TX**

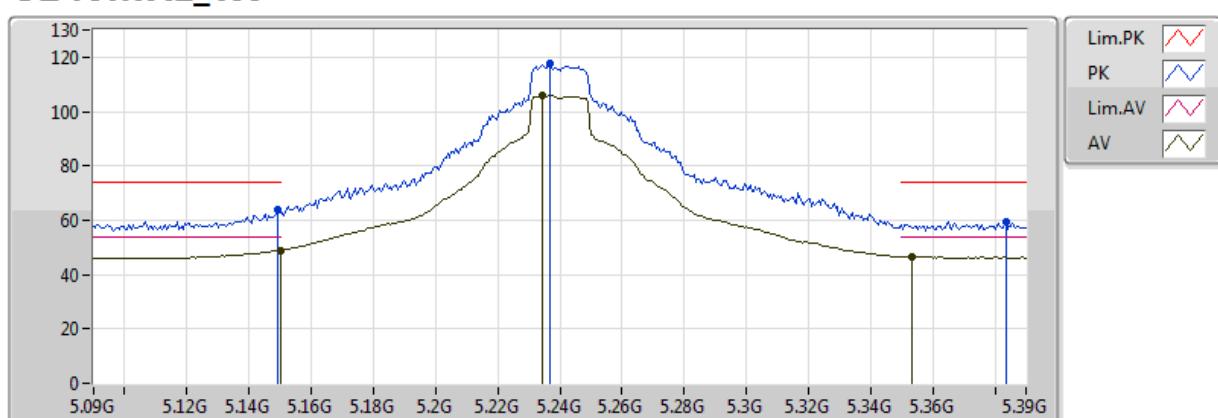
20170620
EUT X_1TX Dipole
Setting 22.5
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.73	54.00	-0.27	9.03	3	V	146	1.74	-
AV	5.183G	101.61	Inf	-Inf	9.12	3	V	146	1.74	-
PK	5.149995G	68.84	74.00	-5.16	9.03	3	V	146	1.74	-
PK	5.1818G	113.03	Inf	-Inf	9.11	3	V	146	1.74	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5200MHz_TX**

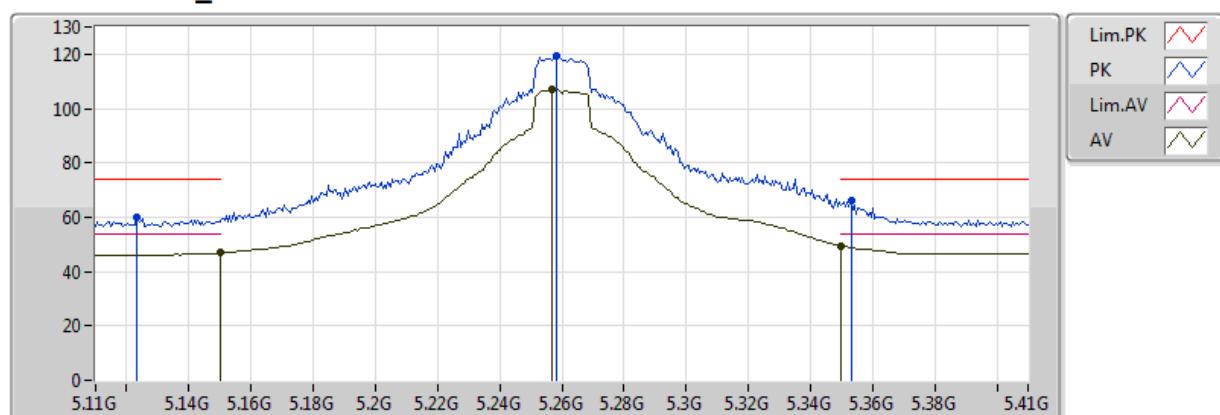
20170620
EUT X_1TX Dipole
Setting 25
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.98	54.00	-0.02	9.03	3	V	153	1.17	-
AV	5.2028G	103.88	Inf	-Inf	9.17	3	V	153	1.17	-
PK	5.149995G	69.01	74.00	-4.99	9.03	3	V	153	1.17	-
PK	5.2016G	115.25	Inf	-Inf	9.16	3	V	153	1.17	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5240MHz_TX**

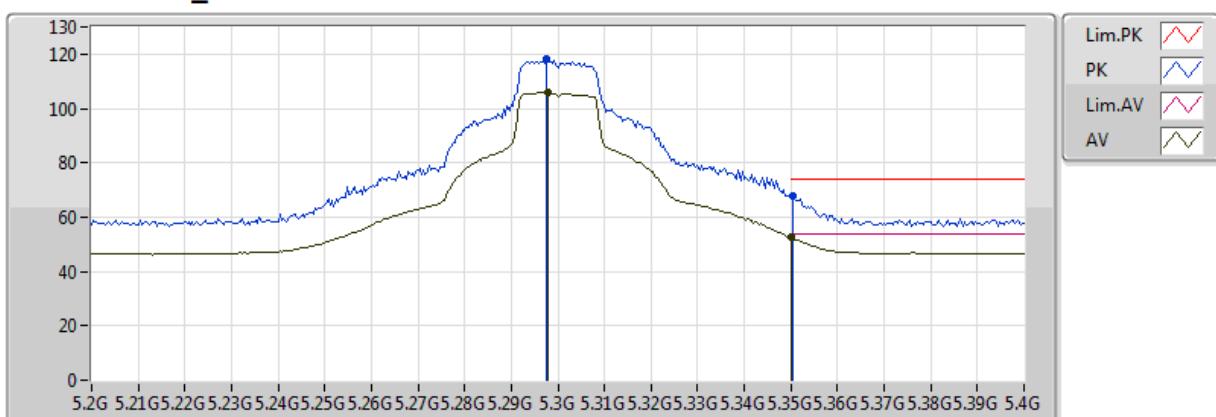
20170620
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14995G	48.79	54.00	-5.21	9.03	3	V	192	1.86	-
AV	5.2346G	105.72	Inf	-Inf	9.23	3	V	192	1.86	-
AV	5.3534G	46.51	54.00	-7.49	9.44	3	V	192	1.86	-
PK	5.1494G	63.97	74.00	-10.03	9.03	3	V	192	1.86	-
PK	5.237G	117.59	Inf	-Inf	9.23	3	V	192	1.86	-
PK	5.3834G	59.53	74.00	-14.47	9.49	3	V	192	1.86	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5260MHz_TX**

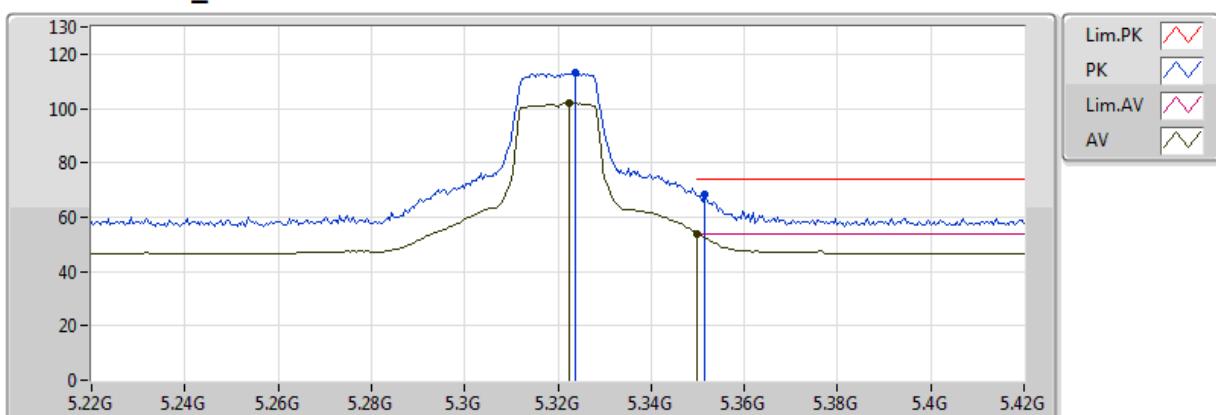
20170622
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	46.81	54.00	-7.19	9.03	3	V	278	1.98	-
AV	5.257G	106.90	Inf	-Inf	9.27	3	V	278	1.98	-
AV	5.350005G	49.50	54.00	-4.50	9.44	3	V	278	1.98	-
PK	5.1232G	60.20	74.00	-13.80	8.97	3	V	278	1.98	-
PK	5.2582G	119.21	Inf	-Inf	9.27	3	V	278	1.98	-
PK	5.353G	65.88	74.00	-8.12	9.44	3	V	278	1.98	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5300MHz_TX**

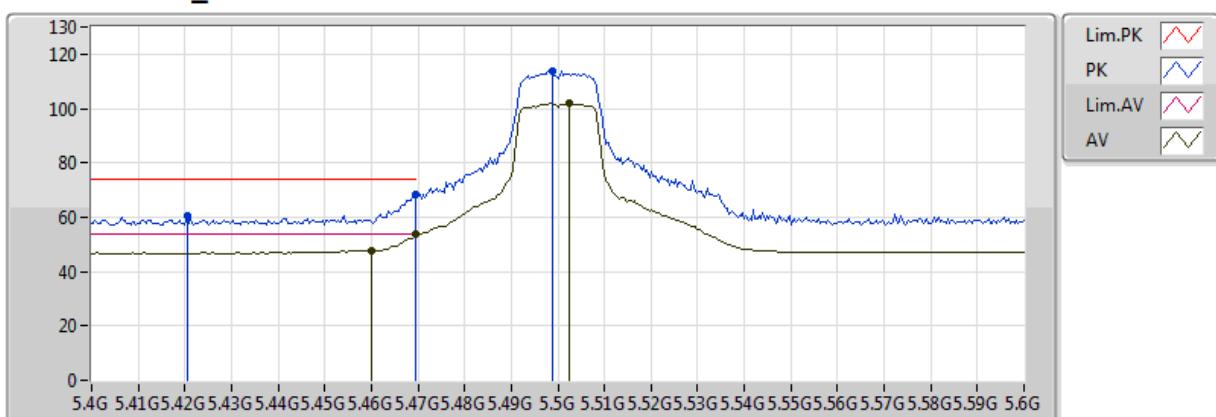
20170622
EUT X_1TX Dipole
Setting 25.5(± 0.5 OVER 2)
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.298G	105.88	Inf	-Inf	9.35	3	V	281	2.14	-
AV	5.350005G	52.55	54.00	-1.45	9.44	3	V	281	2.14	-
PK	5.2976G	118.19	Inf	-Inf	9.35	3	V	281	2.14	-
PK	5.3504G	67.64	74.00	-6.36	9.44	3	V	281	2.14	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5320MHz_TX**

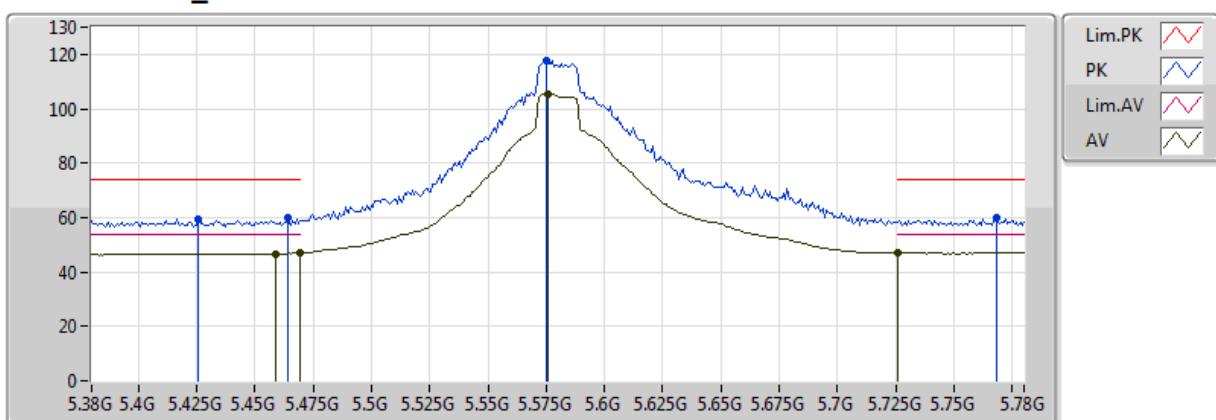
20170622
EUT X_1TX Dipole
Setting 22
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3224G	101.90	Inf	-Inf	9.39	3	V	282	2.01	-
AV	5.350005G	53.87	54.00	-0.13	9.44	3	V	282	2.01	-
PK	5.3236G	113.36	Inf	-Inf	9.39	3	V	282	2.01	-
PK	5.3516G	68.21	74.00	-5.79	9.44	3	V	282	2.01	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5500MHz_TX**

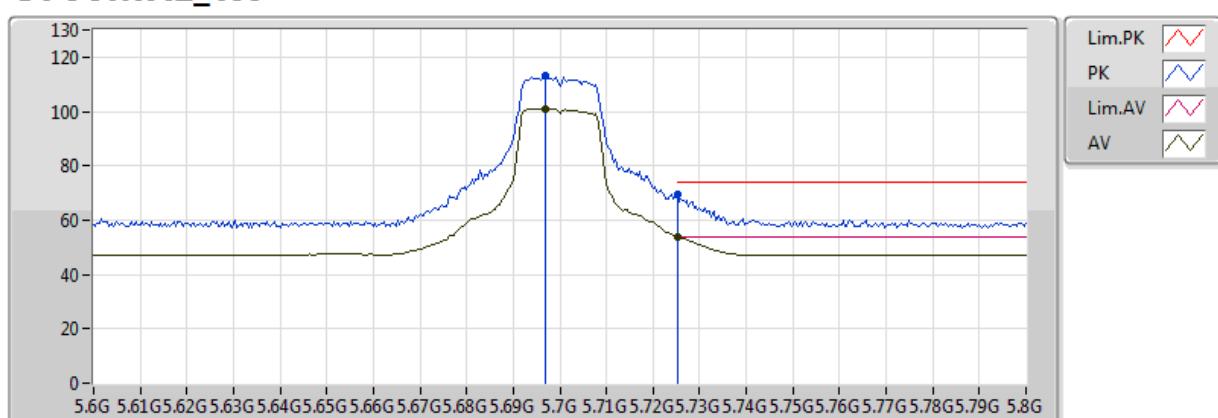
20170622
EUT X_1TX Dipole
Setting 22.5
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	47.69	54.00	-6.31	9.68	3	V	280	1.06	-
AV	5.4696G	53.77	54.00	-0.23	9.71	3	V	280	1.06	-
AV	5.5024G	101.90	Inf	-Inf	9.79	3	V	280	1.06	-
PK	5.4204G	60.29	74.00	-13.71	9.58	3	V	280	1.06	-
PK	5.4696G	68.49	74.00	-5.51	9.71	3	V	280	1.06	-
PK	5.4988G	113.89	Inf	-Inf	9.79	3	V	280	1.06	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5580MHz_TX**

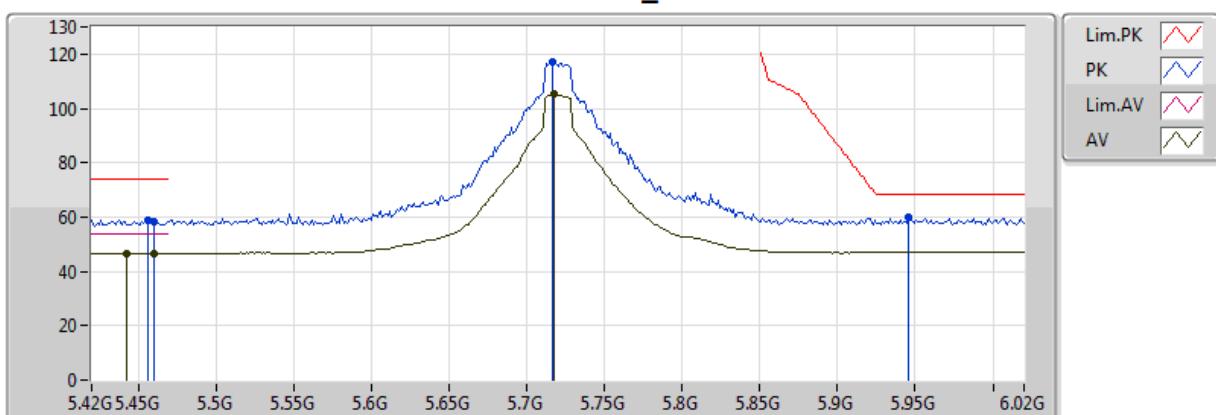
20170622
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4592G	46.70	54.00	-7.30	9.68	3	V	276	1.37	-
AV	5.4696G	46.97	54.00	-7.03	9.71	3	V	276	1.37	-
AV	5.576G	105.53	Inf	-Inf	9.86	3	V	276	1.37	-
AV	5.7256G	47.03	54.00	-6.97	9.91	3	V	276	1.37	-
PK	5.4256G	59.56	74.00	-14.44	9.59	3	V	276	1.37	-
PK	5.464G	59.69	74.00	-14.31	9.69	3	V	276	1.37	-
PK	5.5752G	117.75	Inf	-Inf	9.86	3	V	276	1.37	-
PK	5.768G	59.78	74.00	-14.22	9.91	3	V	276	1.37	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5700MHz_TX**

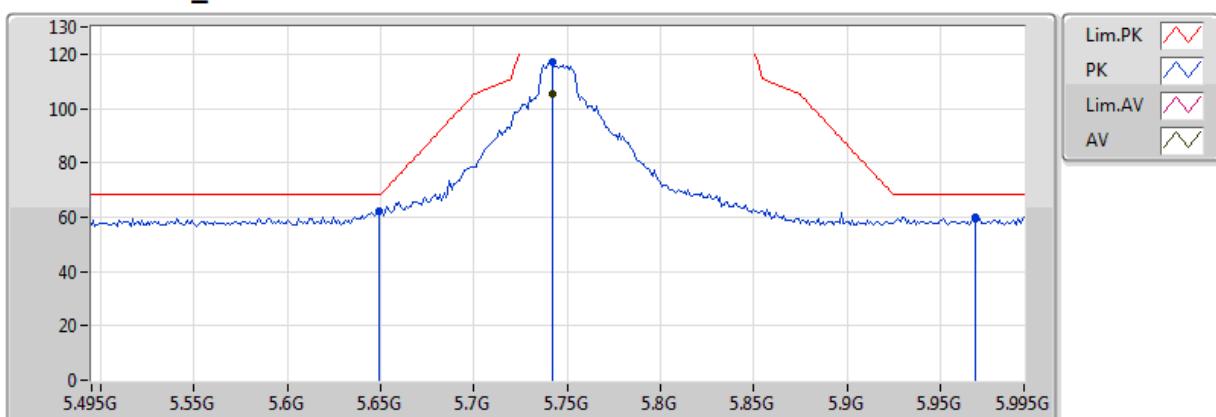
20170622
EUT X_1TX Dipole
Setting 21
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6968G	101.13	Inf	-Inf	9.90	3	V	288	1.40	-
AV	5.7252G	53.75	54.00	-0.25	9.91	3	V	288	1.40	-
PK	5.6968G	113.00	Inf	-Inf	9.90	3	V	288	1.40	-
PK	5.7252G	69.66	74.00	-4.34	9.91	3	V	288	1.40	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5720MHz Straddle 5.47-5.725GHz_TX**

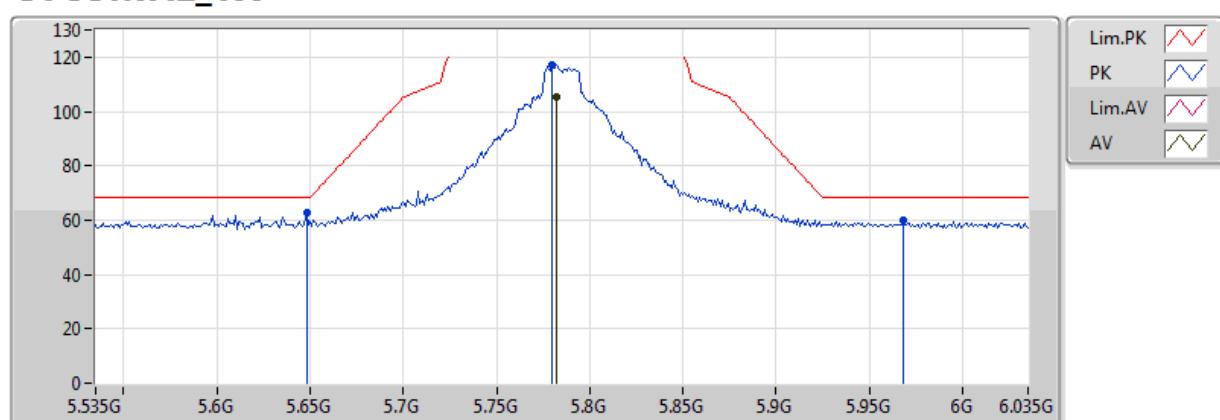
20170622
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4428G	46.51	54.00	-7.49	9.64	3	V	269	1.50	-
AV	5.460005G	46.42	54.00	-7.58	9.68	3	V	269	1.50	-
AV	5.7176G	105.20	Inf	-Inf	9.90	3	V	269	1.50	-
PK	5.456G	59.11	74.00	-14.89	9.67	3	V	269	1.50	-
PK	5.460005G	58.28	74.00	-15.72	9.68	3	V	269	1.50	-
PK	5.7164G	117.37	Inf	-Inf	9.90	3	V	269	1.50	-
PK	5.9456G	59.93	68.20	-8.27	10.12	3	V	269	1.50	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5745MHz_TX**

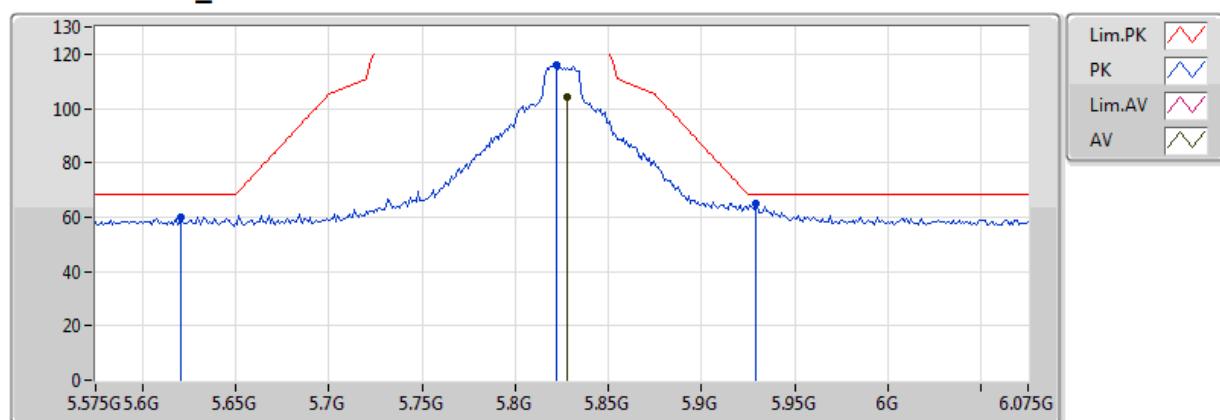
20170620
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.742G	105.24	Inf	-Inf	9.91	3	V	165	1.18	-
PK	5.649G	62.37	68.20	-5.83	9.89	3	V	165	1.18	-
PK	5.742G	116.87	Inf	-Inf	9.91	3	V	165	1.18	-
PK	5.969G	60.05	68.20	-8.15	10.16	3	V	165	1.18	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5785MHz_TX**

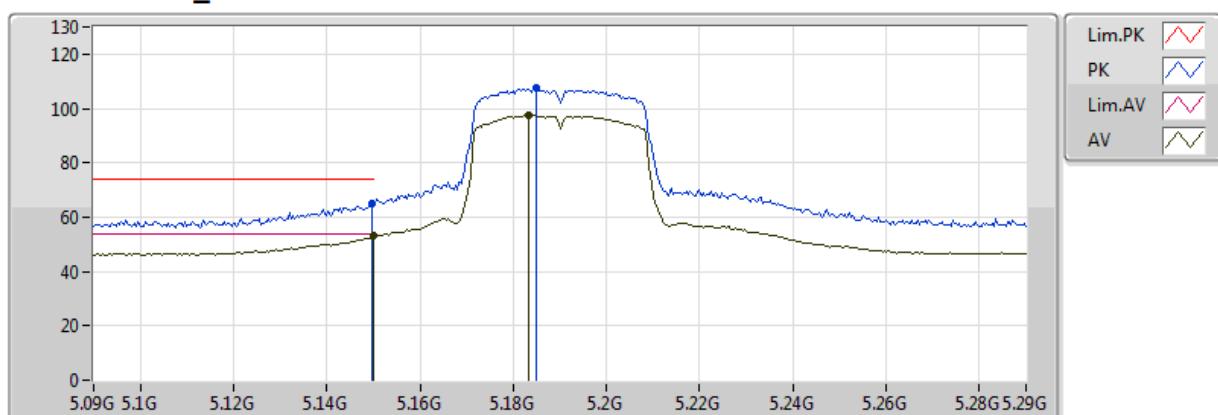
20170620
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.782G	105.36	Inf	-Inf	9.92	3	V	221	1.86	-
PK	5.648G	62.73	68.20	-5.47	9.89	3	V	221	1.86	-
PK	5.78G	117.13	Inf	-Inf	9.92	3	V	221	1.86	-
PK	5.968G	59.74	68.20	-8.46	10.16	3	V	221	1.86	-

**802.11ac VHT20_Nss1,(MCS0)_1TX****5825MHz_TX**

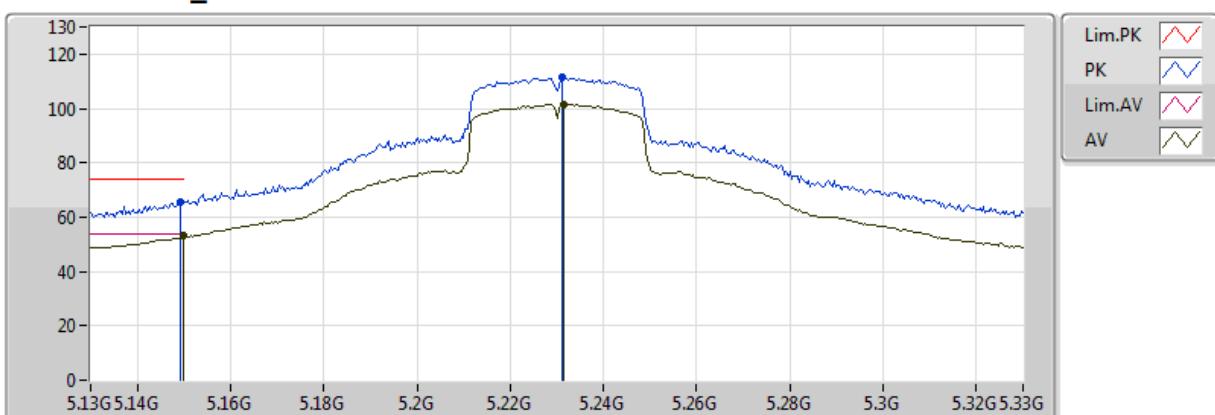
20170620
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.828G	104.04	Inf	-Inf	9.96	3	V	222	1.48	-
PK	5.621G	60.14	68.20	-8.06	9.88	3	V	222	1.48	-
PK	5.822G	115.80	Inf	-Inf	9.95	3	V	222	1.48	-
PK	5.929G	64.97	68.20	-3.23	10.10	3	V	222	1.48	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5190MHz_TX**

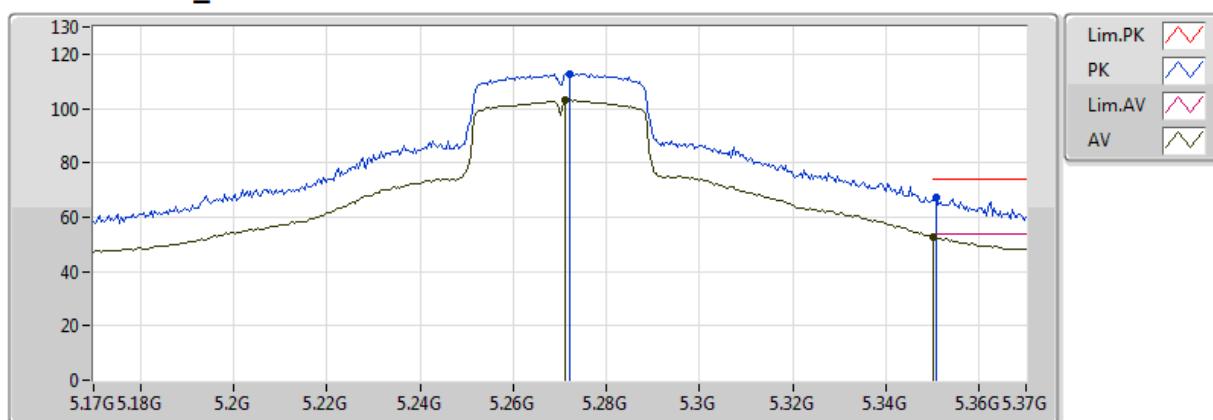
20170620
EUT X_1TX Dipole
Setting 19
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.22	54.00	-0.78	9.03	3	V	221	1.74	-
AV	5.1832G	97.47	Inf	-Inf	9.12	3	V	221	1.74	-
PK	5.1496G	64.86	74.00	-9.14	9.03	3	V	221	1.74	-
PK	5.1848G	107.34	Inf	-Inf	9.12	3	V	221	1.74	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5230MHz_TX**

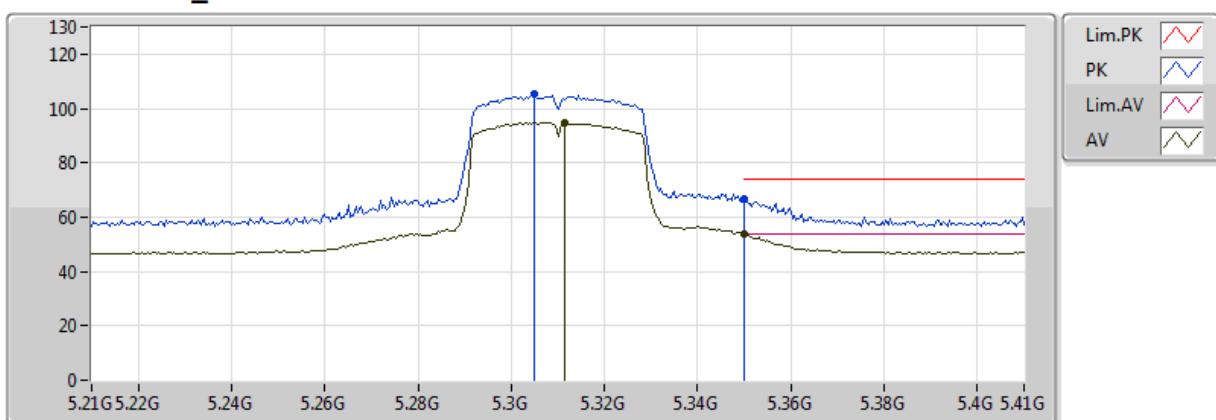
20170620
EUT X_1TX Dipole
Setting 23
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14995G	53.31	54.00	-0.69	9.03	3	V	191	1.84	-
AV	5.2316G	101.58	Inf	-Inf	9.22	3	V	191	1.84	-
PK	5.1492G	65.49	74.00	-8.51	9.03	3	V	191	1.84	-
PK	5.2312G	111.39	Inf	-Inf	9.22	3	V	191	1.84	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5270MHz_TX**

20170622
EUT X_1TX Dipole
Setting 22.5(± 0.5 OVER 1)
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2712G	103.03	Inf	-Inf	9.30	3	V	281	1.95	-
AV	5.350005G	52.88	54.00	-1.12	9.44	3	V	281	1.95	-
PK	5.272G	112.88	Inf	-Inf	9.30	3	V	281	1.95	-
PK	5.3508G	67.24	74.00	-6.76	9.44	3	V	281	1.95	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5310MHz_TX**

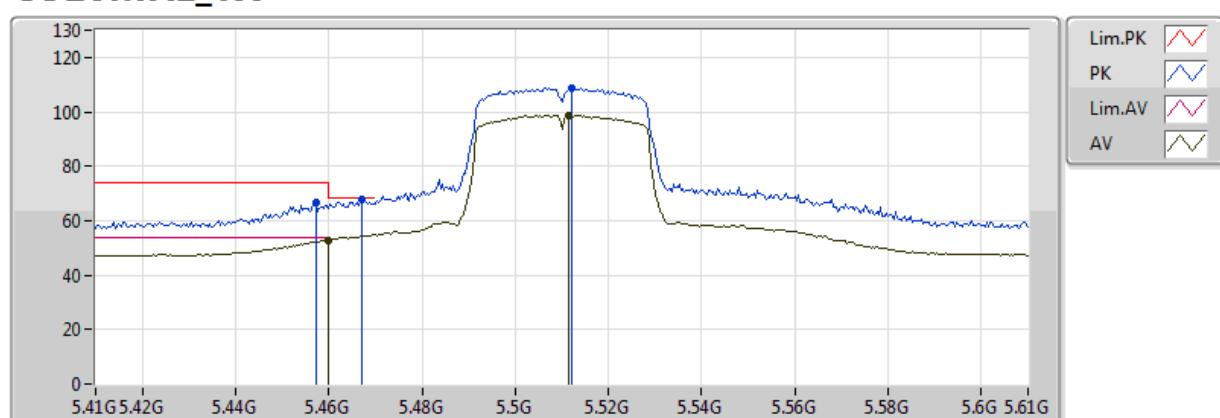
20170622
EUT X_1TX Dipole
Setting 16
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3116G	94.65	Inf	-Inf	9.37	3	V	226	1.92	-
AV	5.350005G	53.82	54.00	-0.18	9.44	3	V	226	1.92	-
PK	5.3048G	105.43	Inf	-Inf	9.36	3	V	226	1.92	-
PK	5.350005G	66.43	74.00	-7.57	9.44	3	V	226	1.92	-



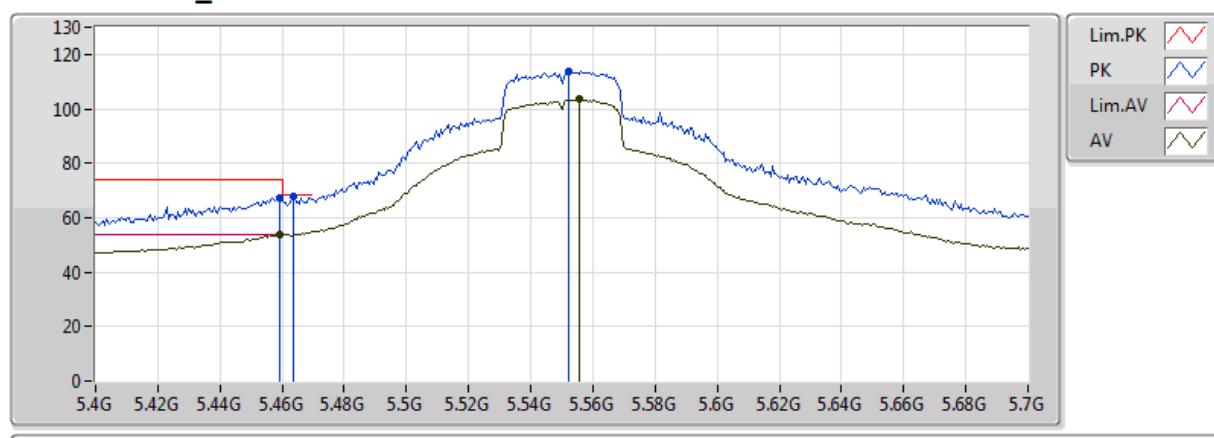
802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX



20170622
EUT X_1TX Dipole
Setting 20
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	52.85	54.00	-1.15	9.68	3	V	286	1.51	-
AV	5.5116G	98.88	Inf	-Inf	9.80	3	V	286	1.51	-
PK	5.4572G	66.81	74.00	-7.19	9.67	3	V	286	1.51	-
PK	5.4672G	67.87	68.20	-0.33	9.70	3	V	286	1.51	-
PK	5.512G	108.89	Inf	-Inf	9.80	3	V	286	1.51	-

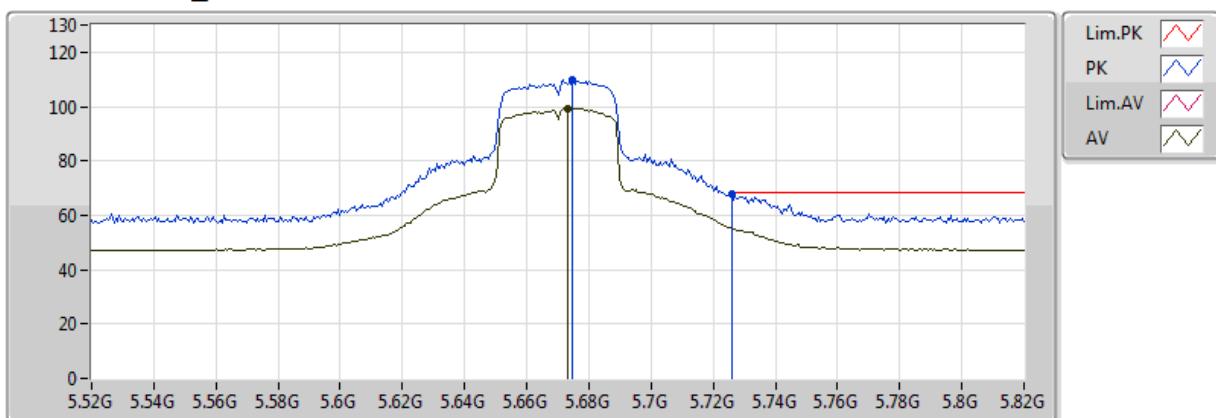
**802.11ac VHT40_Nss1,(MCS0)_1TX****5550MHz_TX**

20170622
EUT X_1TX Dipole
Setting 24
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4594G	53.69	54.00	-0.31	9.68	3	V	270	1.44	-
AV	5.5554G	103.48	Inf	-Inf	9.84	3	V	270	1.44	-
PK	5.4594G	67.07	74.00	-6.93	9.68	3	V	270	1.44	-
PK	5.4636G	68.06	68.20	-0.14	9.69	3	V	270	1.44	-
PK	5.5524G	113.62	Inf	-Inf	9.84	3	V	270	1.44	-

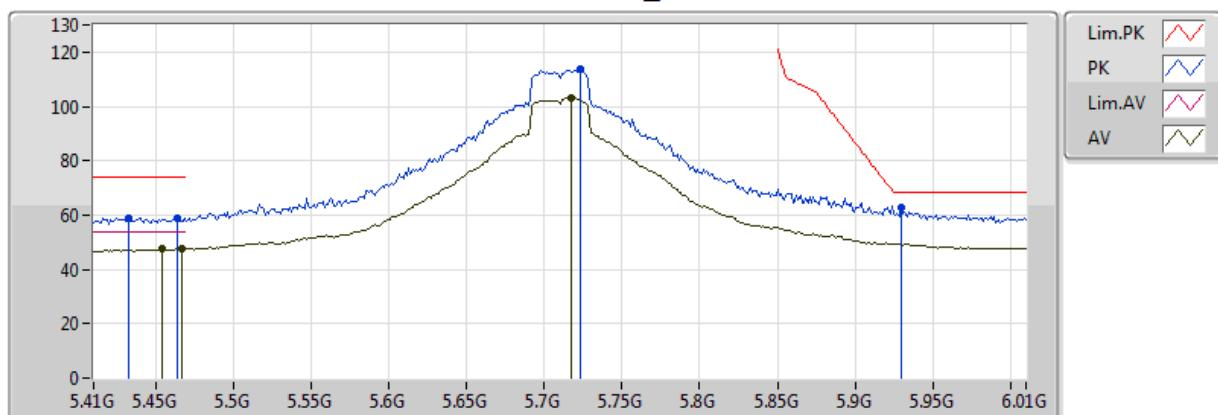


802.11ac VHT40_Nss1,(MCS0)_1TX 5670MHz_TX



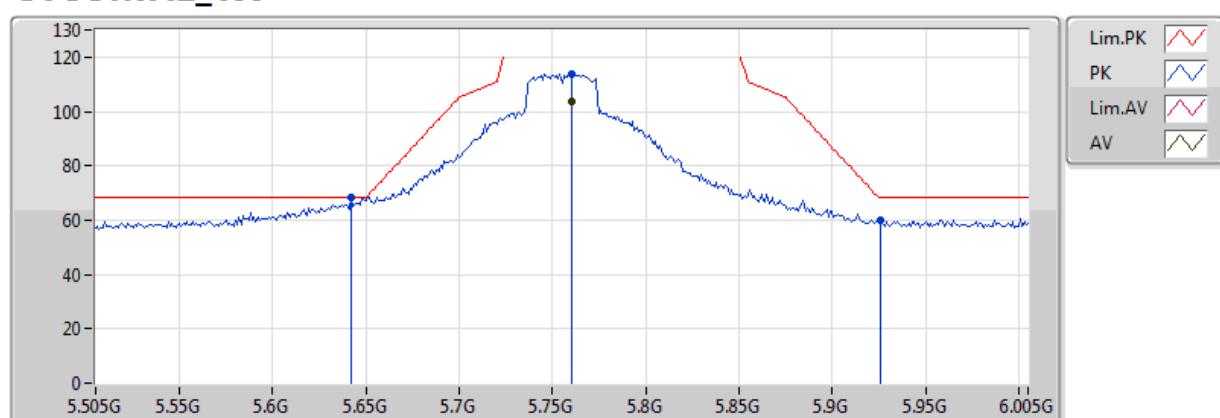
20170622
EUT X_1TX Dipole
Setting 20.5
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.673G	99.21	Inf	-Inf	9.89	3	V	273	1.41	-
PK	5.6748G	109.73	Inf	-Inf	9.89	3	V	273	1.41	-
PK	5.7258G	67.97	68.20	-0.23	9.91	3	V	273	1.41	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5710MHz Straddle 5.47-5.725GHz_TX**

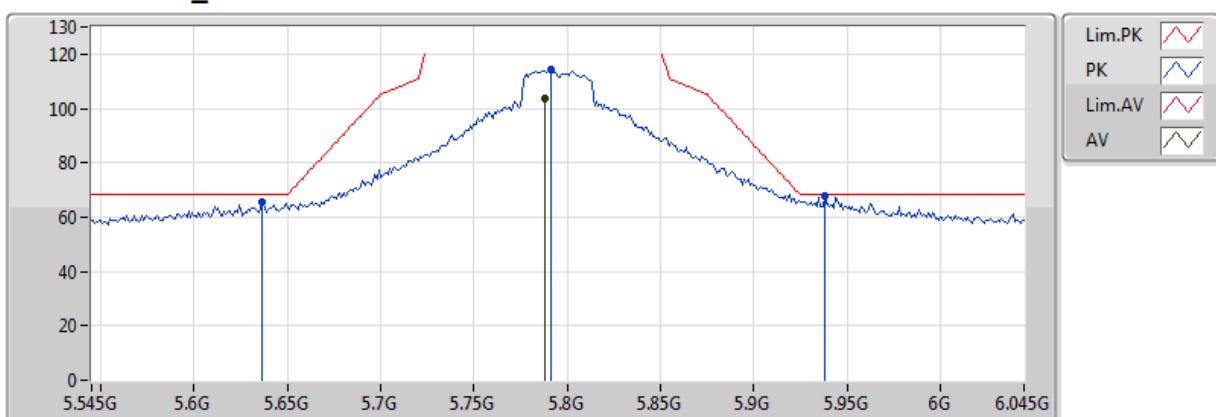
20170622
EUT X_1TX Dipole
Setting 30
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4544G	47.41	54.00	-6.59	9.67	3	V	271	1.48	-
AV	5.4664G	47.46	54.00	-6.54	9.70	3	V	271	1.48	-
AV	5.7172G	103.29	Inf	-Inf	9.90	3	V	271	1.48	-
PK	5.4328G	58.92	74.00	-15.08	9.61	3	V	271	1.48	-
PK	5.464G	59.05	74.00	-14.95	9.69	3	V	271	1.48	-
PK	5.7232G	113.66	Inf	-Inf	9.90	3	V	271	1.48	-
PK	5.9296G	62.89	68.20	-5.31	10.10	3	V	271	1.48	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5755MHz_TX**

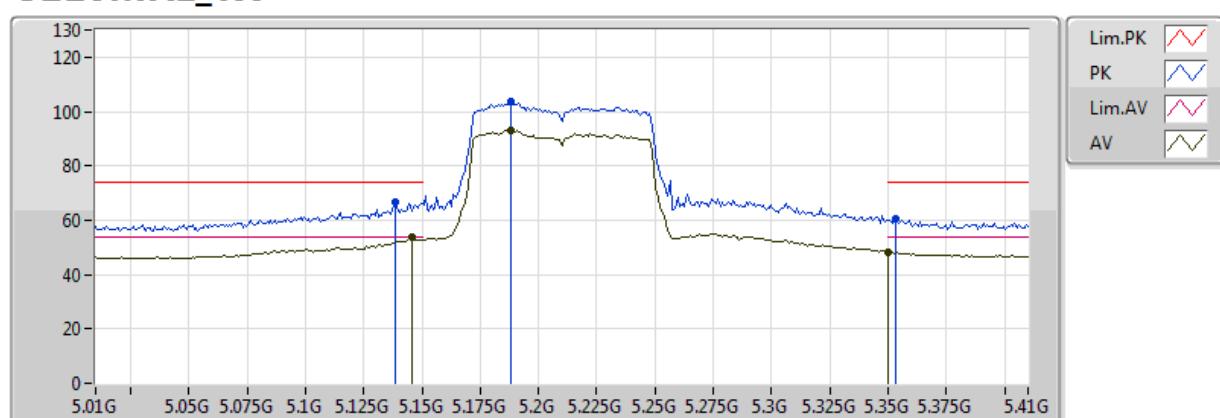
20170620
EUT X_1TX Dipole
Setting 24
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.76G	103.81	Inf	-Inf	9.91	3	V	221	1.80	-
PK	5.642G	68.15	68.20	-0.05	9.89	3	V	221	1.80	-
PK	5.76G	113.93	Inf	-Inf	9.91	3	V	221	1.80	-
PK	5.926G	59.94	68.20	-8.26	10.10	3	V	221	1.80	-

**802.11ac VHT40_Nss1,(MCS0)_1TX****5795MHz_TX**

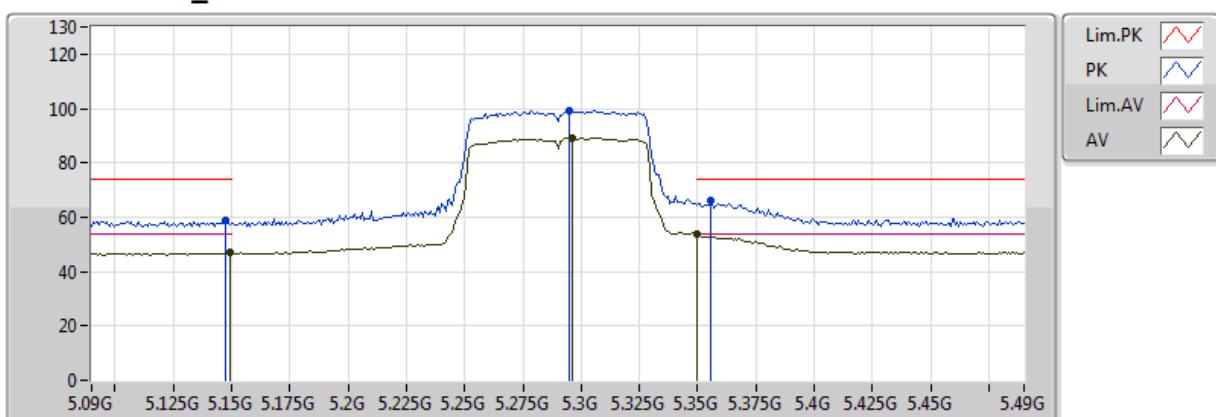
20170620
EUT X_1TX Dipole
Setting 24
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.788G	103.85	Inf	-Inf	9.92	3	V	223	1.94	-
PK	5.636G	65.62	68.20	-2.58	9.89	3	V	223	1.94	-
PK	5.791G	114.21	Inf	-Inf	9.92	3	V	223	1.94	-
PK	5.938G	67.61	68.20	-0.59	10.11	3	V	223	1.94	-

**802.11ac VHT80_Nss1,(MCS0)_1TX****5210MHz_TX**

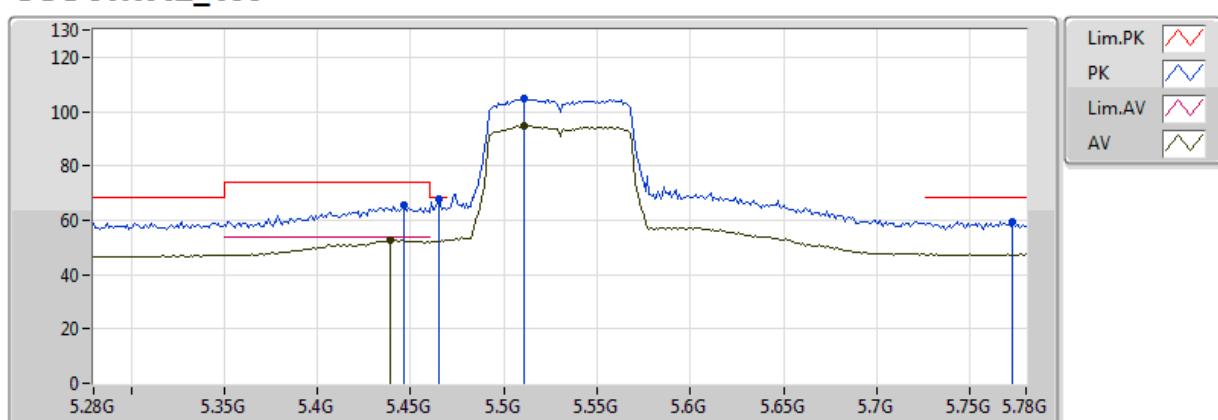
20170620
EUT X_1TX Dipole
Setting 19.5
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.146G	53.67	54.00	-0.33	9.02	3	V	154	1.23	-
AV	5.1884G	93.23	Inf	-Inf	9.13	3	V	154	1.23	-
AV	5.350005G	48.15	54.00	-5.85	9.44	3	V	154	1.23	-
PK	5.1388G	66.79	74.00	-7.21	9.01	3	V	154	1.23	-
PK	5.1884G	103.44	Inf	-Inf	9.13	3	V	154	1.23	-
PK	5.3532G	60.51	74.00	-13.49	9.44	3	V	154	1.23	-

**802.11ac VHT80_Nss1,(MCS0)_1TX****5290MHz_TX**

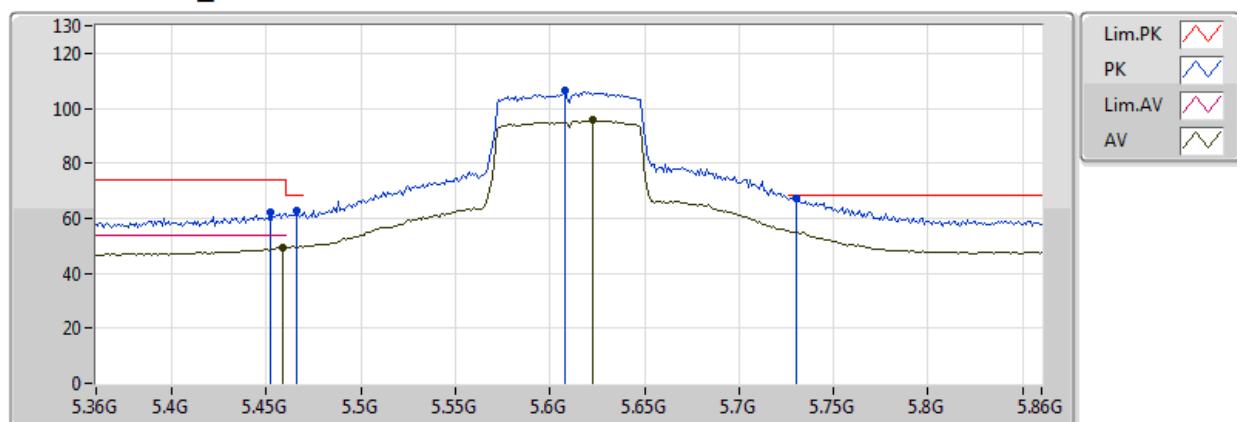
20170622
EUT X_1TX Dipole
Setting 13.5
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	46.87	54.00	-7.13	9.03	3	V	288	2.03	-
AV	5.2964G	89.25	Inf	-Inf	9.34	3	V	288	2.03	-
AV	5.350005G	53.66	54.00	-0.34	9.44	3	V	288	2.03	-
PK	5.1476G	58.93	74.00	-15.07	9.03	3	V	288	2.03	-
PK	5.2948G	99.22	Inf	-Inf	9.34	3	V	288	2.03	-
PK	5.3556G	66.35	74.00	-7.65	9.44	3	V	288	2.03	-

**802.11ac VHT80_Nss1,(MCS0)_1TX****5530MHz_TX**

20170622
EUT X_1TX Dipole
Setting 20
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	52.76	54.00	-1.24	9.63	3	V	271	1.50	-
AV	5.511G	94.61	Inf	-Inf	9.80	3	V	271	1.50	-
PK	5.446G	65.38	74.00	-8.62	9.64	3	V	271	1.50	-
PK	5.465G	67.94	68.20	-0.26	9.70	3	V	271	1.50	-
PK	5.511G	104.86	Inf	-Inf	9.80	3	V	271	1.50	-
PK	5.773G	59.62	68.20	-8.58	9.91	3	V	271	1.50	-

**802.11ac VHT80_Nss1,(MCS0)_1TX****5610MHz_TX**

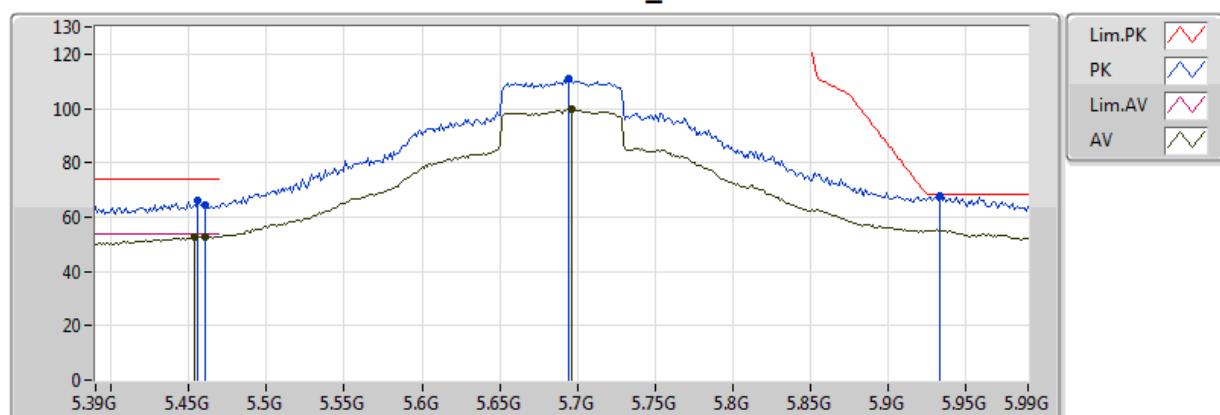
20170622
EUT X_1TX Dipole
Setting 21
02-R-1-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459G	49.49	54.00	-4.51	9.68	3	V	285	1.49	-
AV	5.623G	95.72	Inf	-Inf	9.88	3	V	285	1.49	-
PK	5.452G	62.26	74.00	-11.74	9.66	3	V	285	1.49	-
PK	5.466G	62.70	68.20	-5.50	9.70	3	V	285	1.49	-
PK	5.608G	106.22	Inf	-Inf	9.88	3	V	285	1.49	-
PK	5.73G	67.44	68.20	-0.76	9.91	3	V	285	1.49	-



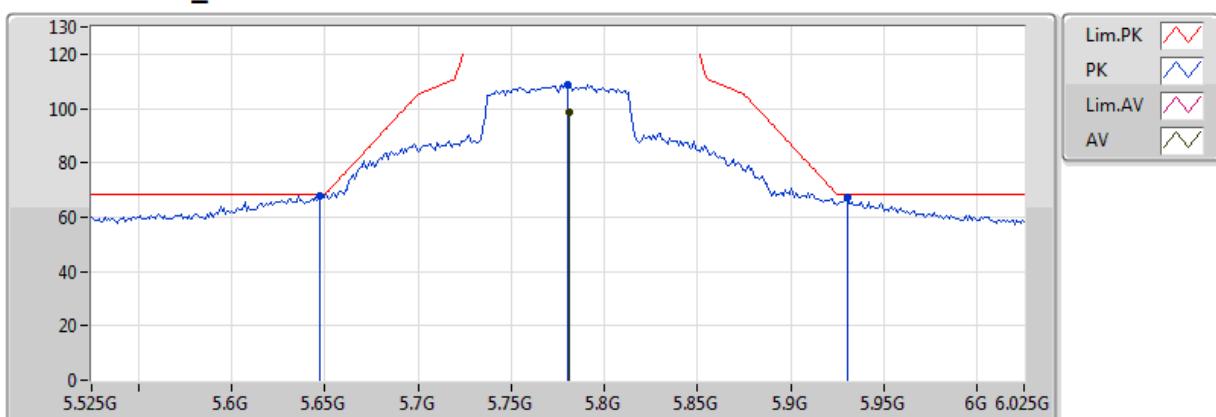
802.11ac VHT80_Nss1,(MCS0)_1TX

5690MHz Straddle 5.47-5.725GHz_TX



20170622
EUT X_1TX Dipole
Setting 25
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4536G	52.87	54.00	-1.13	9.66	3	V	251	1.52	-
AV	5.4608G	52.74	54.00	-1.26	9.68	3	V	251	1.52	-
AV	5.696G	99.69	Inf	-Inf	9.90	3	V	251	1.52	-
PK	5.456G	66.37	74.00	-7.63	9.67	3	V	251	1.52	-
PK	5.460005G	64.70	74.00	-9.30	9.68	3	V	251	1.52	-
PK	5.6948G	111.06	Inf	-Inf	9.90	3	V	251	1.52	-
PK	5.9336G	67.61	68.20	-0.59	10.11	3	V	251	1.52	-

**802.11ac VHT80_Nss1,(MCS0)_1TX****5775MHz_TX**

Lim.PK	
PK	
Lim.AV	
AV	

20170620
EUT X_1TX Dipole
Setting 23
02-J-6-10
FSU
(ANT 0)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.781G	98.61	Inf	-Inf	9.92	3	V	223	2.96	-
PK	5.647G	67.84	68.20	-0.36	9.89	3	V	223	2.96	-
PK	5.78G	108.82	Inf	-Inf	9.92	3	V	223	2.96	-
PK	5.93G	67.44	68.20	-0.76	10.10	3	V	223	2.96	-



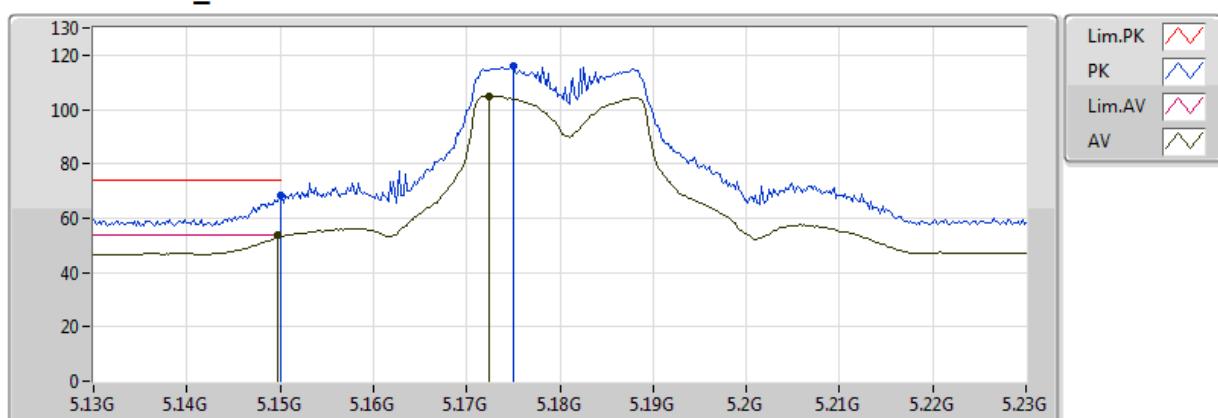
**For Set 2 antennas / 2TX:
<For Non-Beamforming Mode>
Band Edge Emission Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.47-5.725GHz	Pass	PK	5.4672G	68.18	68.20	-0.02	9.70	3	V	271	1.49	-



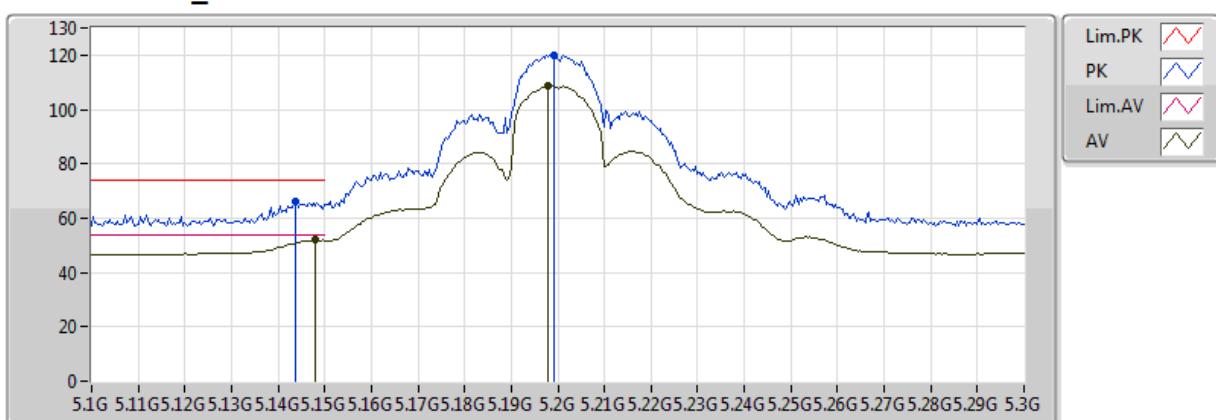
802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX



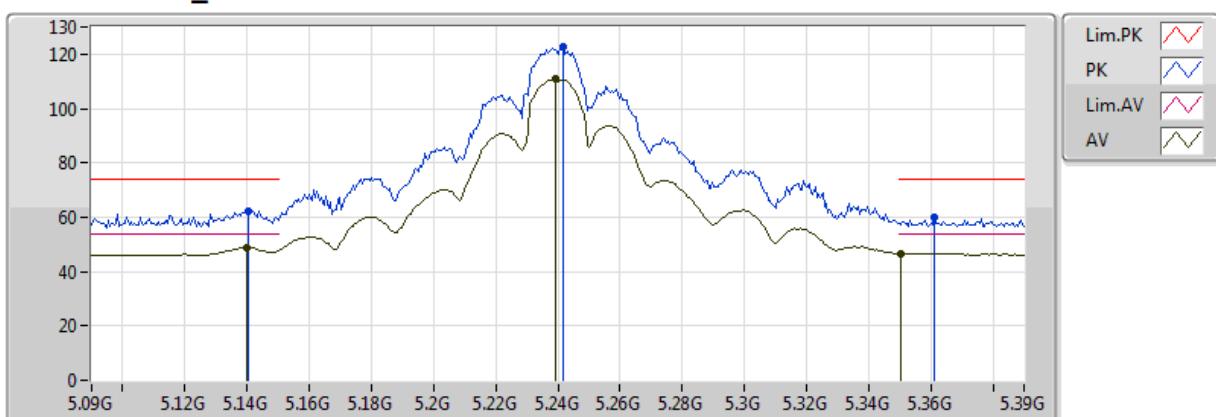
20170620
EUT Z_2TX
Setting 21.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	53.65	54.00	-0.35	9.03	3	V	244	2.09	-
AV	5.1724G	104.93	Inf	-Inf	9.09	3	V	244	2.09	-
PK	5.149995G	68.16	74.00	-5.84	9.03	3	V	244	2.09	-
PK	5.175G	115.77	Inf	-Inf	9.10	3	V	244	2.09	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5200MHz_TX**

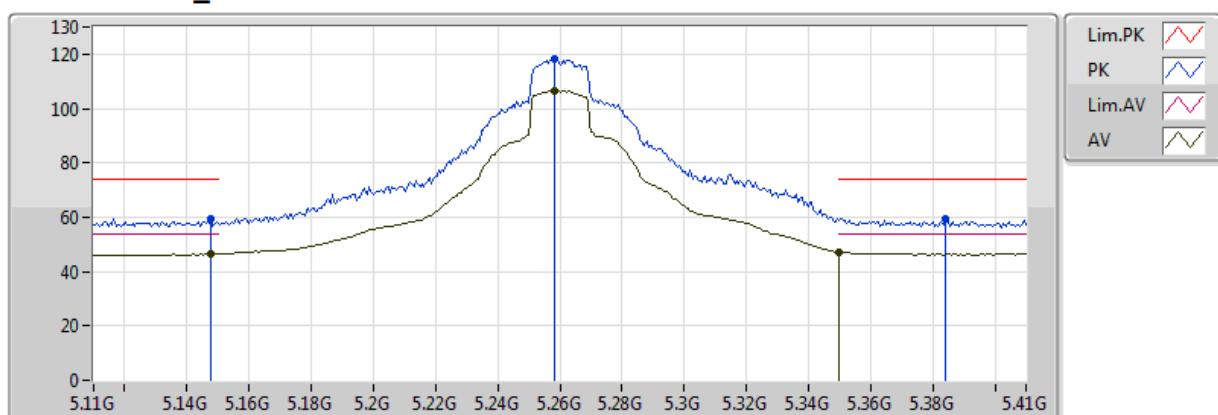
20170620
EUT Z_2TX
Setting 25(±0.5OVER)
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	51.89	54.00	-2.11	9.03	3	V	242	1.81	-
AV	5.198G	108.80	Inf	-Inf	9.15	3	V	242	1.81	-
PK	5.1436G	66.34	74.00	-7.66	9.02	3	V	242	1.81	-
PK	5.1992G	120.00	Inf	-Inf	9.16	3	V	242	1.81	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5240MHz_TX**

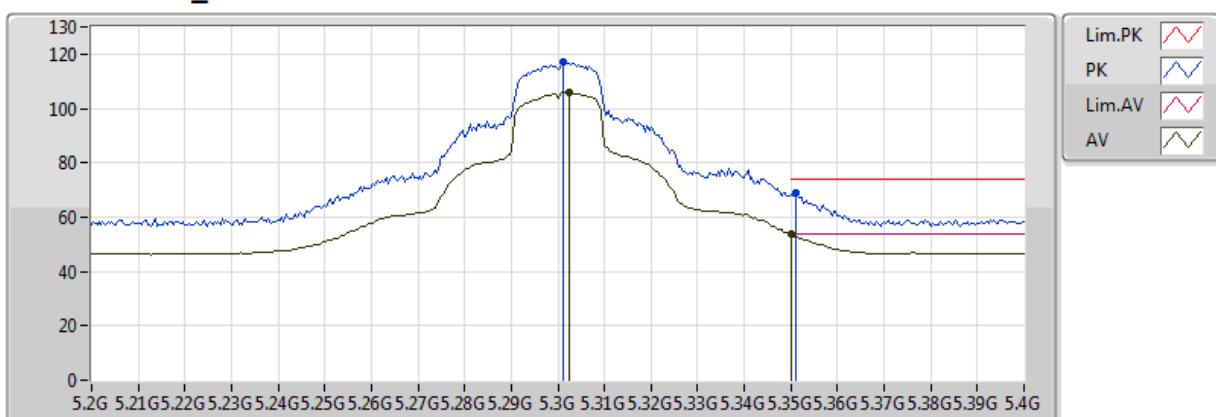
20170620
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1398G	48.83	54.00	-5.17	9.01	3	V	242	1.97	-
AV	5.2394G	110.70	Inf	-Inf	9.23	3	V	242	1.97	-
AV	5.3504G	46.63	54.00	-7.37	9.44	3	V	242	1.97	-
PK	5.1404G	62.25	74.00	-11.75	9.01	3	V	242	1.97	-
PK	5.2418G	122.59	Inf	-Inf	9.24	3	V	242	1.97	-
PK	5.3612G	59.68	74.00	-14.32	9.45	3	V	242	1.97	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5260MHz_TX**

20170622
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1478G	46.48	54.00	-7.52	9.03	3	V	278	2.35	-
AV	5.2582G	106.66	Inf	-Inf	9.27	3	V	278	2.35	-
AV	5.350005G	47.09	54.00	-6.91	9.44	3	V	278	2.35	-
PK	5.1478G	59.46	74.00	-14.54	9.03	3	V	278	2.35	-
PK	5.2582G	118.14	Inf	-Inf	9.27	3	V	278	2.35	-
PK	5.3842G	59.50	74.00	-14.50	9.49	3	V	278	2.35	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5300MHz_TX**

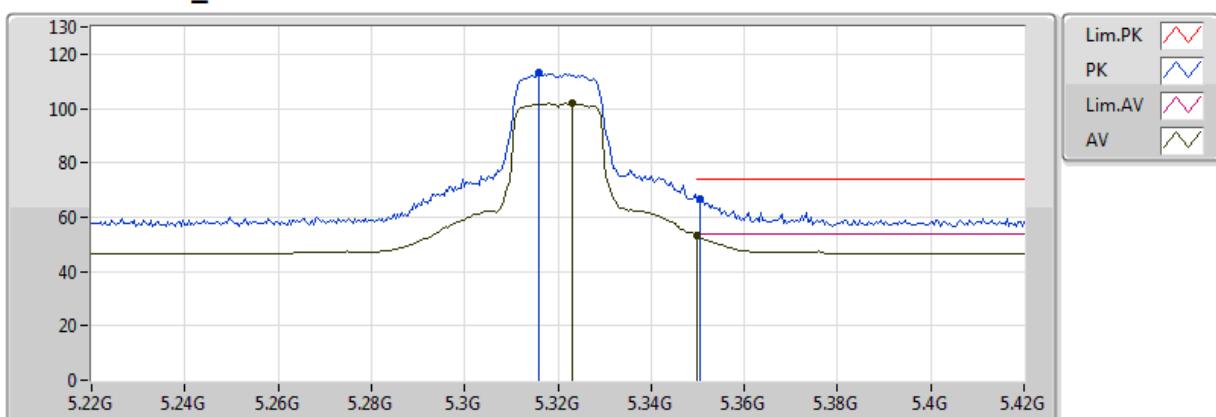
20170622
EUT Z_2TX
Setting 25.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3024G	105.93	Inf	-Inf	9.35	3	V	229	1.15	-
AV	5.350005G	53.64	54.00	-0.36	9.44	3	V	229	1.15	-
PK	5.3012G	116.84	Inf	-Inf	9.35	3	V	229	1.15	-
PK	5.3512G	68.74	74.00	-5.26	9.44	3	V	229	1.15	-



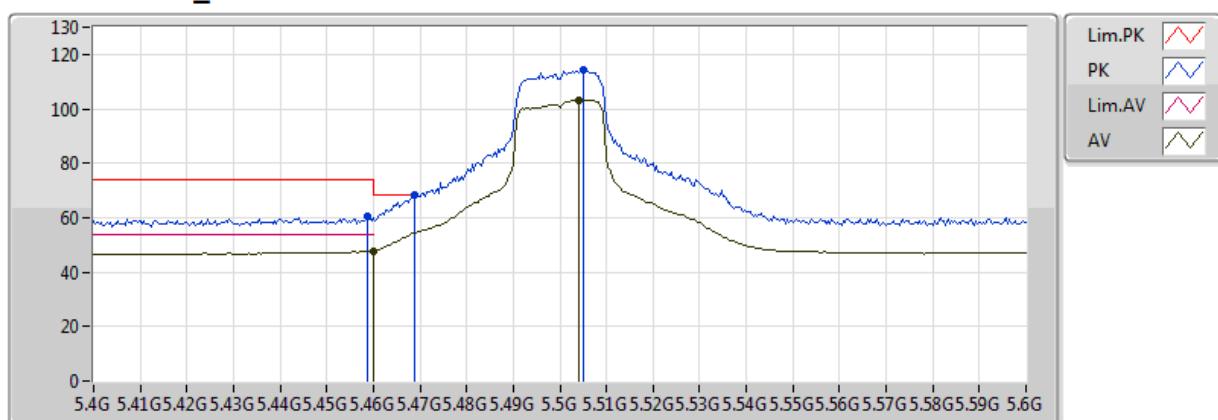
802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX



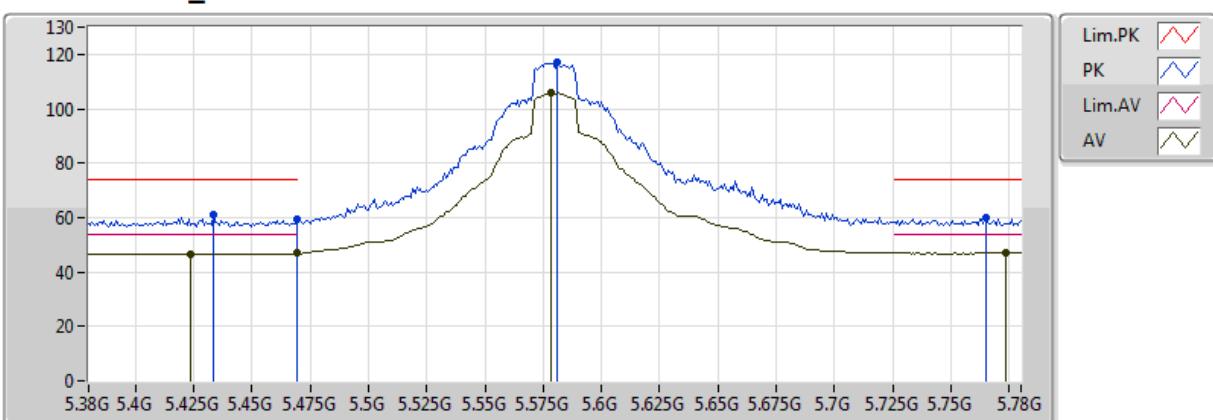
20170622
EUT Z_2TX
Setting 22(±0.5 OVER 1)
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3232G	101.85	Inf	-Inf	9.39	3	V	281	1.91	-
AV	5.350005G	52.99	54.00	-1.01	9.44	3	V	281	1.91	-
PK	5.316G	113.35	Inf	-Inf	9.38	3	V	281	1.91	-
PK	5.3504G	66.84	74.00	-7.16	9.44	3	V	281	1.91	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5500MHz_TX**

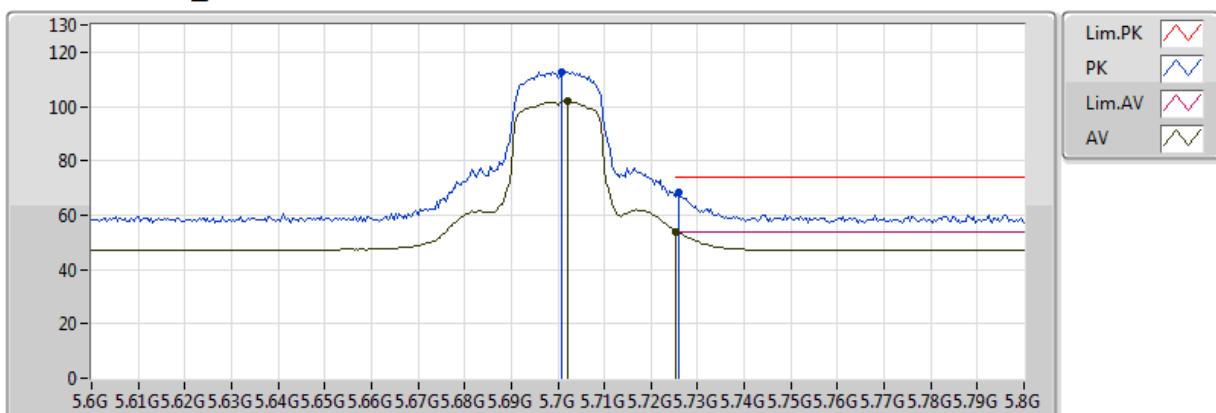
20170622
EUT Z_2TX
Setting 23
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	47.89	54.00	-6.11	9.68	3	V	270	1.50	-
AV	5.504G	103.27	Inf	-Inf	9.79	3	V	270	1.50	-
PK	5.4588G	60.26	74.00	-13.74	9.68	3	V	270	1.50	-
PK	5.4688G	68.12	68.20	-0.08	9.71	3	V	270	1.50	-
PK	5.5052G	114.37	Inf	-Inf	9.79	3	V	270	1.50	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5580MHz_TX**

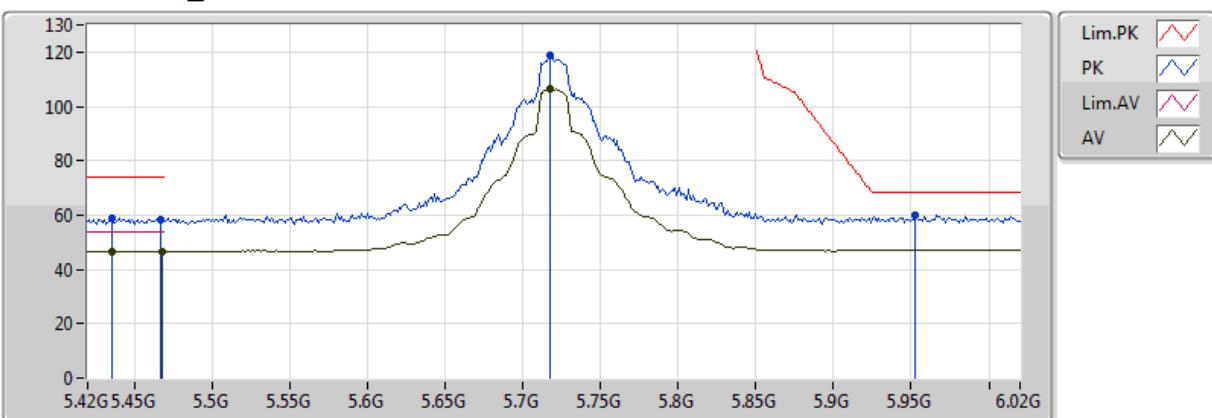
20170622
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.424G	46.63	54.00	-7.37	9.58	3	V	278	1.50	-
AV	5.4696G	46.80	54.00	-7.20	9.71	3	V	278	1.50	-
AV	5.5784G	105.78	Inf	-Inf	9.86	3	V	278	1.50	-
AV	5.7736G	46.99	54.00	-7.01	9.91	3	V	278	1.50	-
PK	5.4336G	61.06	74.00	-12.94	9.61	3	V	278	1.50	-
PK	5.4696G	59.25	74.00	-14.75	9.71	3	V	278	1.50	-
PK	5.5808G	116.98	Inf	-Inf	9.86	3	V	278	1.50	-
PK	5.7648G	59.74	74.00	-14.26	9.91	3	V	278	1.50	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5700MHz_TX**

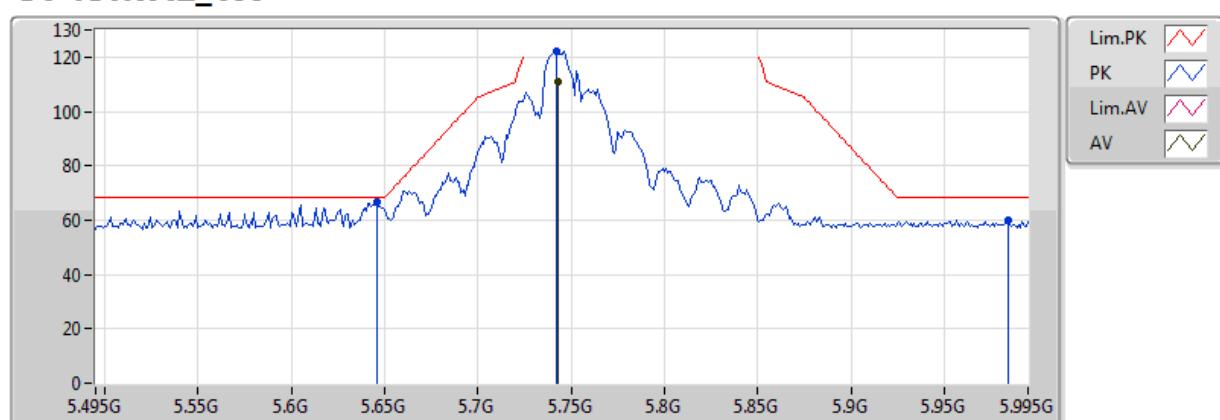
20170622
EUT Z_2TX
Setting 21
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.702G	101.89	Inf	-Inf	9.90	3	V	293	1.86	-
AV	5.7252G	53.94	54.00	-0.06	9.91	3	V	293	1.86	-
PK	5.7008G	112.89	Inf	-Inf	9.90	3	V	293	1.86	-
PK	5.726G	68.63	74.00	-5.37	9.91	3	V	293	1.86	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5720MHz_TX**

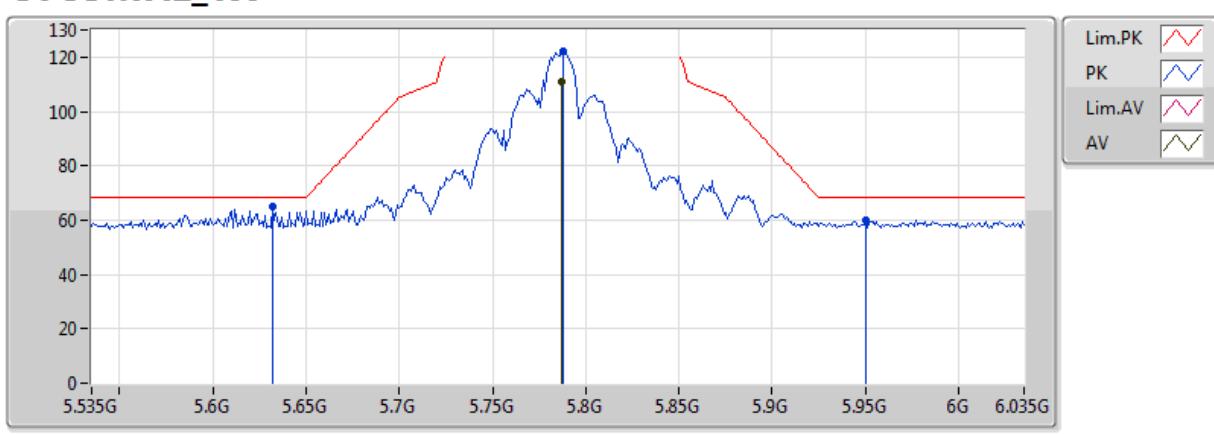
20170622
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4356G	46.51	54.00	-7.49	9.62	3	V	295	1.48	-
AV	5.468G	46.45	54.00	-7.55	9.70	3	V	295	1.48	-
AV	5.7176G	106.57	Inf	-Inf	9.90	3	V	295	1.48	-
PK	5.4356G	58.65	74.00	-15.35	9.62	3	V	295	1.48	-
PK	5.4668G	58.42	74.00	-15.58	9.70	3	V	295	1.48	-
PK	5.7176G	118.73	Inf	-Inf	9.90	3	V	295	1.48	-
PK	5.9528G	60.08	68.20	-8.12	10.13	3	V	295	1.48	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5745MHz_TX**

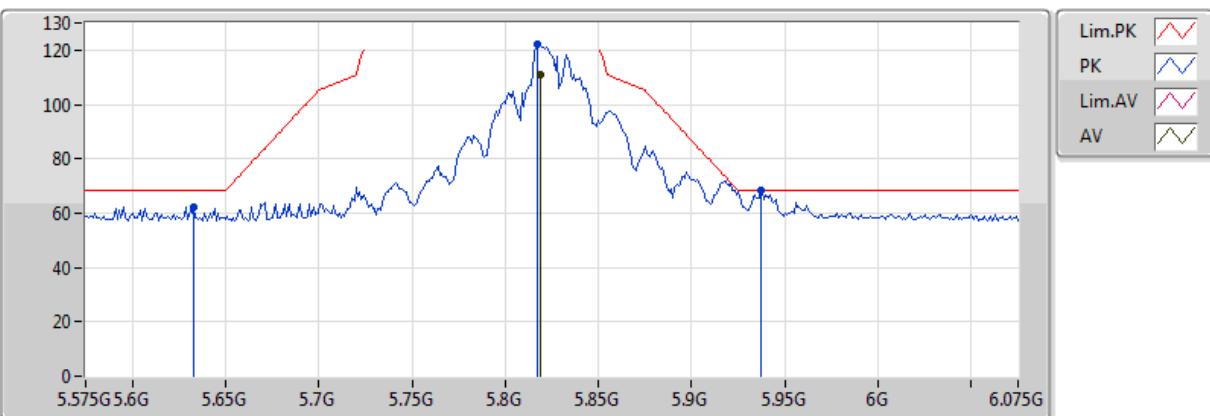
20170620
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.743G	110.89	Inf	-Inf	9.91	3	V	225	1.89	-
PK	5.646G	66.42	68.20	-1.78	9.89	3	V	225	1.89	-
PK	5.742G	122.39	Inf	-Inf	9.91	3	V	225	1.89	-
PK	5.984G	59.97	68.20	-8.23	10.18	3	V	225	1.89	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5785MHz_TX**

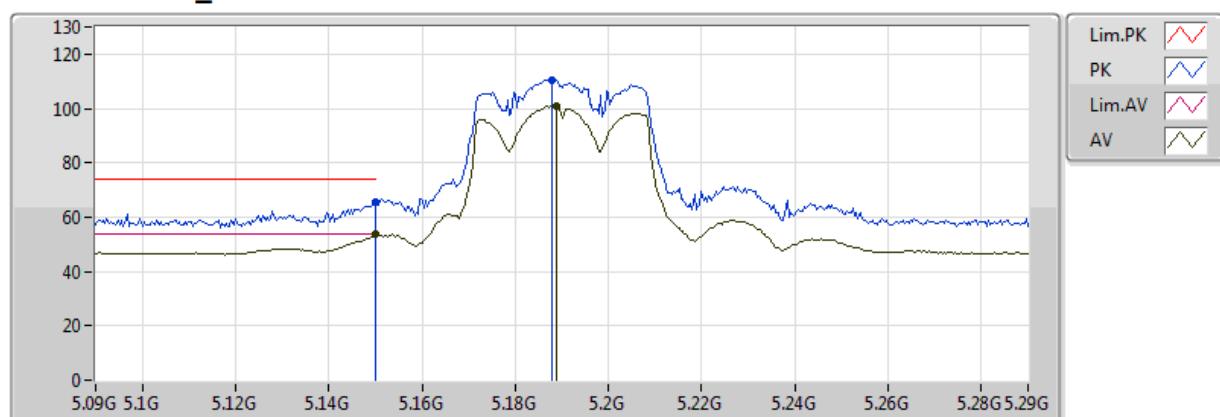
20170620
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	110.98	Inf	-Inf	9.92	3	V	222	1.97	-
PK	5.632G	65.17	68.20	-3.03	9.89	3	V	222	1.97	-
PK	5.788G	122.33	Inf	-Inf	9.92	3	V	222	1.97	-
PK	5.95G	60.15	68.20	-8.05	10.13	3	V	222	1.97	-

**802.11ac VHT20_Nss1,(MCS0)_2TX****5825MHz_TX**

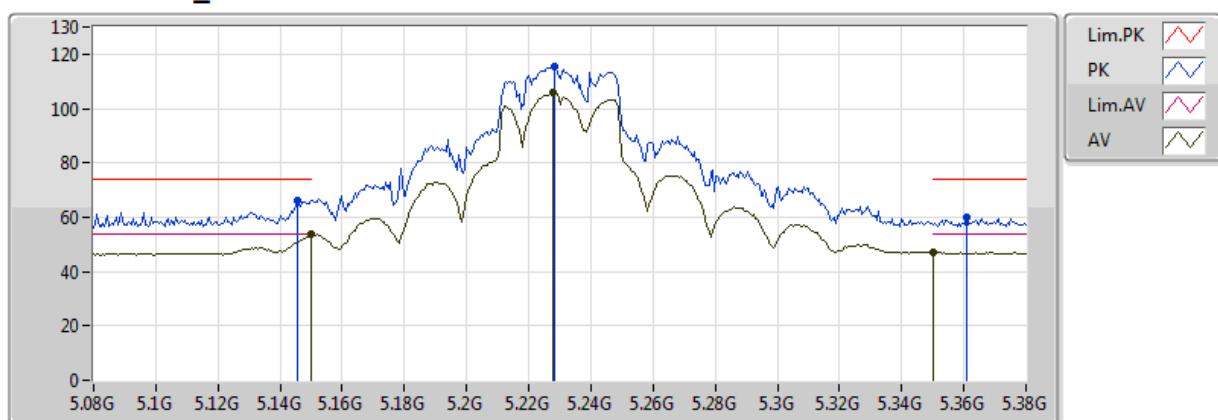
20170620
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.819G	110.76	Inf	-Inf	9.95	3	V	227	1.84	-
PK	5.633G	62.25	68.20	-5.95	9.89	3	V	227	1.84	-
PK	5.817G	121.88	Inf	-Inf	9.94	3	V	227	1.84	-
PK	5.937G	68.17	68.20	-0.03	10.11	3	V	227	1.84	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5190MHz_TX**

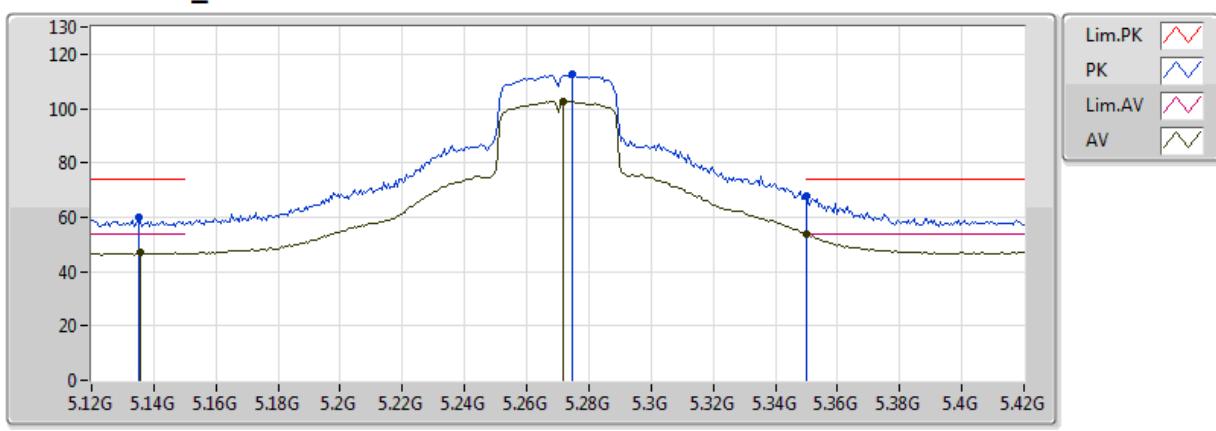
20170620
EUT Z_2TX
Setting 18.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.64	54.00	-0.36	9.03	3	V	255	1.46	-
AV	5.1888G	100.99	Inf	-Inf	9.13	3	V	255	1.46	-
PK	5.149995G	65.60	74.00	-8.40	9.03	3	V	255	1.46	-
PK	5.188G	110.52	Inf	-Inf	9.13	3	V	255	1.46	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5230MHz_TX**

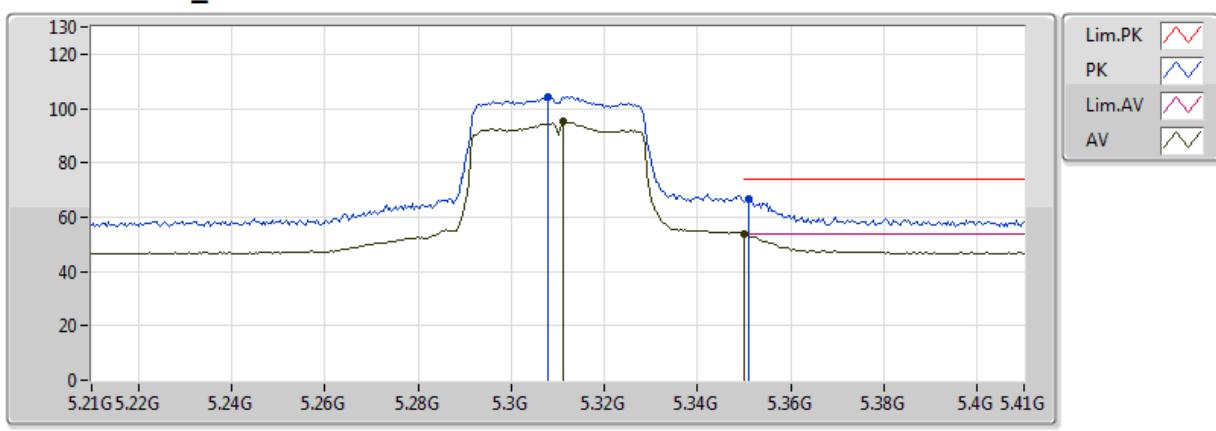
20170620
EUT Z_2TX
Setting 22.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.76	54.00	-0.24	9.03	3	V	242	1.98	-
AV	5.2276G	105.75	Inf	-Inf	9.21	3	V	242	1.98	-
AV	5.350005G	47.08	54.00	-6.92	9.44	3	V	242	1.98	-
PK	5.1454G	66.19	74.00	-7.81	9.02	3	V	242	1.98	-
PK	5.2282G	115.21	Inf	-Inf	9.21	3	V	242	1.98	-
PK	5.3608G	60.14	74.00	-13.86	9.45	3	V	242	1.98	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5270MHz_TX**

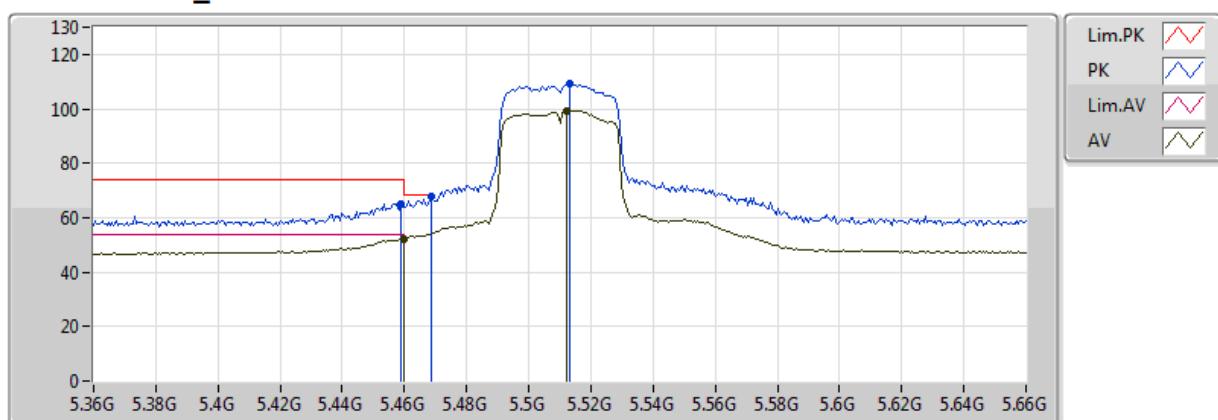
20170622
EUT Z_2TX
Setting 22.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1356G	46.87	54.00	-7.13	9.00	3	V	285	1.95	-
AV	5.2718G	102.65	Inf	-Inf	9.30	3	V	285	1.95	-
AV	5.350005G	53.78	54.00	-0.22	9.44	3	V	285	1.95	-
PK	5.135G	59.70	74.00	-14.30	9.00	3	V	285	1.95	-
PK	5.2748G	112.45	Inf	-Inf	9.30	3	V	285	1.95	-
PK	5.350005G	67.67	74.00	-6.33	9.44	3	V	285	1.95	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5310MHz_TX**

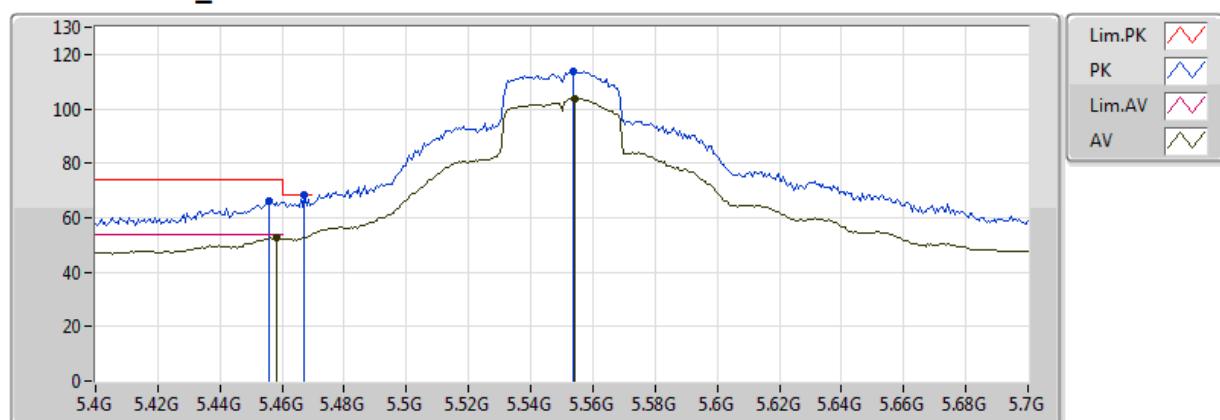
20170622
EUT Z_2TX
Setting 15.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3112G	95.13	Inf	-Inf	9.37	3	V	278	1.54	-
AV	5.350005G	53.74	54.00	-0.26	9.44	3	V	278	1.54	-
PK	5.308G	104.42	Inf	-Inf	9.36	3	V	278	1.54	-
PK	5.3508G	66.43	74.00	-7.57	9.44	3	V	278	1.54	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5510MHz_TX**

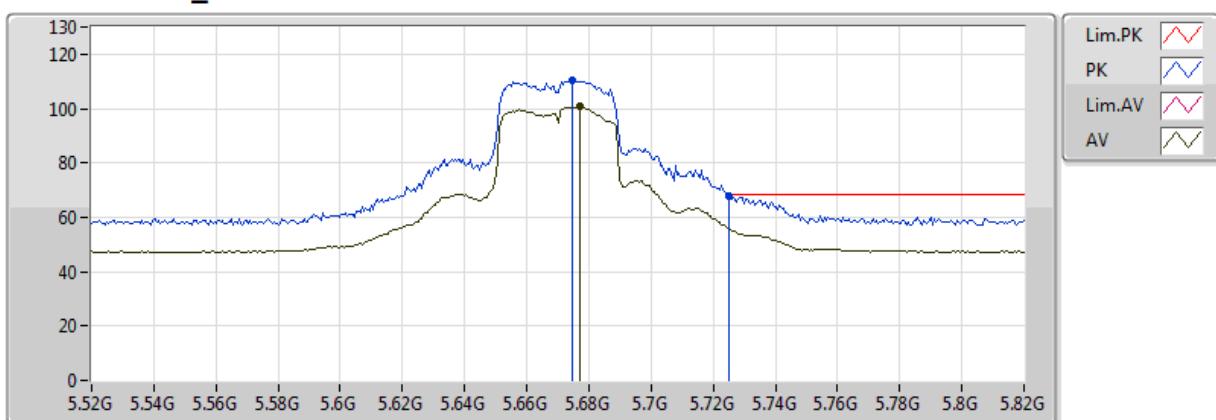
20170622
EUT Z_2TX
Setting 20
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4596G	52.21	54.00	-1.79	9.68	3	V	271	1.50	-
AV	5.5124G	99.45	Inf	-Inf	9.80	3	V	271	1.50	-
PK	5.459G	65.04	74.00	-8.96	9.68	3	V	271	1.50	-
PK	5.4686G	67.87	68.20	-0.33	9.71	3	V	271	1.50	-
PK	5.513G	109.30	Inf	-Inf	9.80	3	V	271	1.50	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5550MHz_TX**

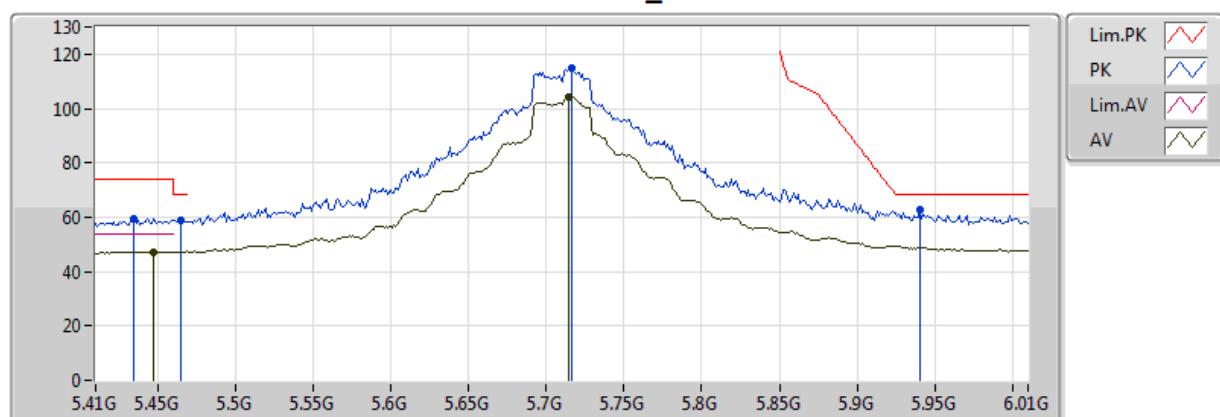
20170622
EUT Z_2TX
Setting 23.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4582G	52.62	54.00	-1.38	9.68	3	V	271	1.49	-
AV	5.5542G	103.76	Inf	-Inf	9.84	3	V	271	1.49	-
PK	5.4558G	66.25	74.00	-7.75	9.67	3	V	271	1.49	-
PK	5.4672G	68.18	68.20	-0.02	9.70	3	V	271	1.49	-
PK	5.5536G	113.69	Inf	-Inf	9.84	3	V	271	1.49	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5670MHz_TX**

20170622
EUT Z_2TX
Setting 20.5
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6772G	100.61	Inf	-Inf	9.90	3	V	290	1.75	-
PK	5.6748G	110.29	Inf	-Inf	9.89	3	V	290	1.75	-
PK	5.7252G	67.69	68.20	-0.51	9.91	3	V	290	1.75	-

**802.11ac VHT40_Nss1,(MCS0)_2TX****5710MHz Straddle 5.47-5.725GHz_TX**

20170622
EUT Z_2TX
Setting 30
02-J-6-10
FSU
(ANT0+ANT1)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4472G	47.25	54.00	-6.75	9.65	3	V	273	1.49	-
AV	5.7148G	104.23	Inf	-Inf	9.90	3	V	273	1.49	-
PK	5.434G	59.67	74.00	-14.33	9.61	3	V	273	1.49	-
PK	5.4652G	58.88	68.20	-9.32	9.70	3	V	273	1.49	-
PK	5.716G	114.67	Inf	-Inf	9.90	3	V	273	1.49	-
PK	5.9404G	62.57	68.20	-5.63	10.12	3	V	273	1.49	-