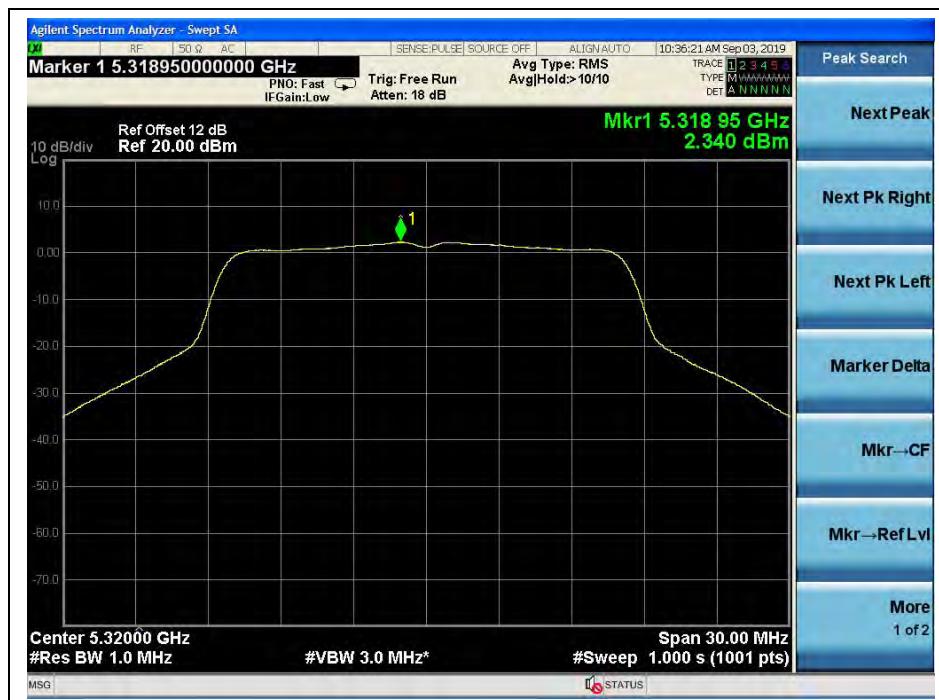
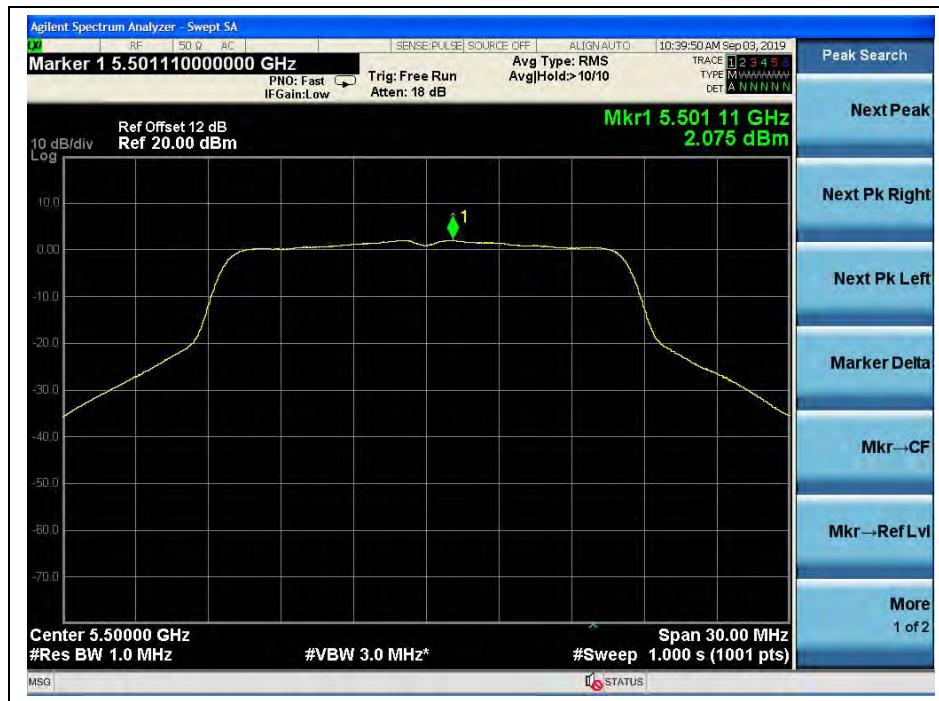




REPORT No.: SZ19070119W04



(Channel 64, 5320MHz, 802.11a, ANT 0)



(Channel 100, 5500MHz, 802.11a, ANT 0)

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REPORT No.: SZ19070119W04



(Channel 120, 5600 MHz, 802.11a, ANT 0)



(Channel 144, 5720MHz, 802.11a, ANT 0)



REPORT No.: SZ19070119W04



(Channel 144, 5720MHz, 802.11a, ANT 0)



(Channel 149, 5745MHz, 802.11a, ANT 0)

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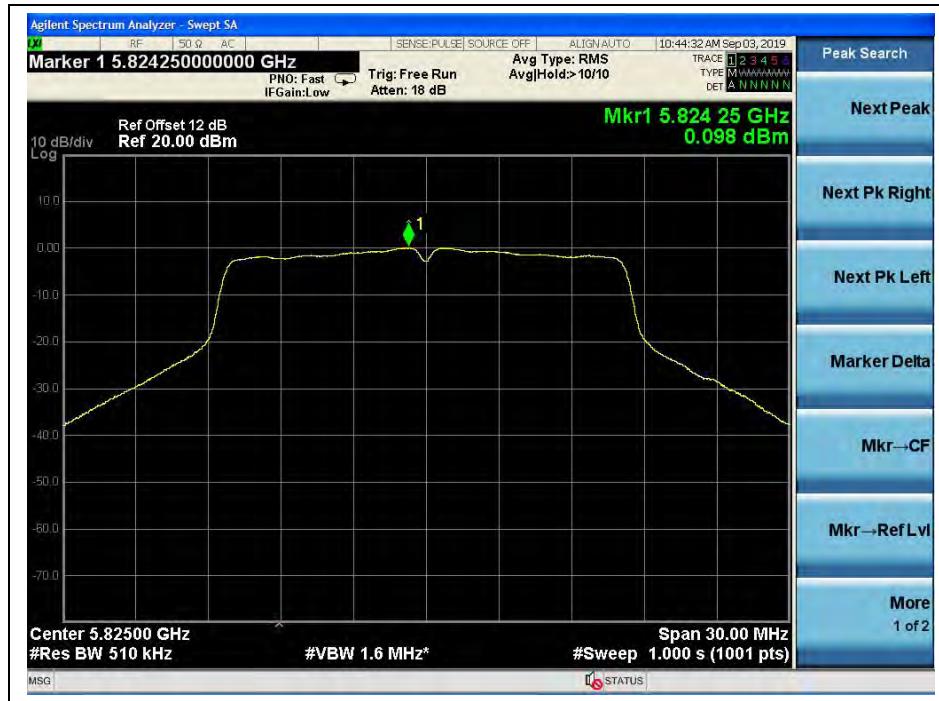
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REPORT No.: SZ19070119W04



(Channel 157, 5785MHz, 802.11a, ANT 0)



(Channel 165, 5825MHz, 802.11a, ANT 0)

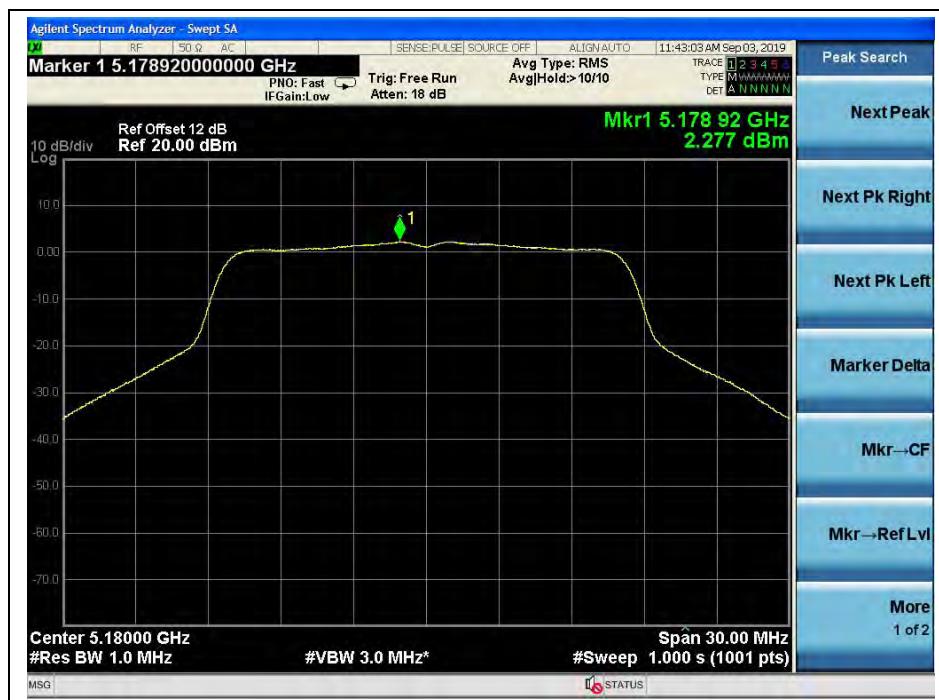
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REPORT No.: SZ19070119W04



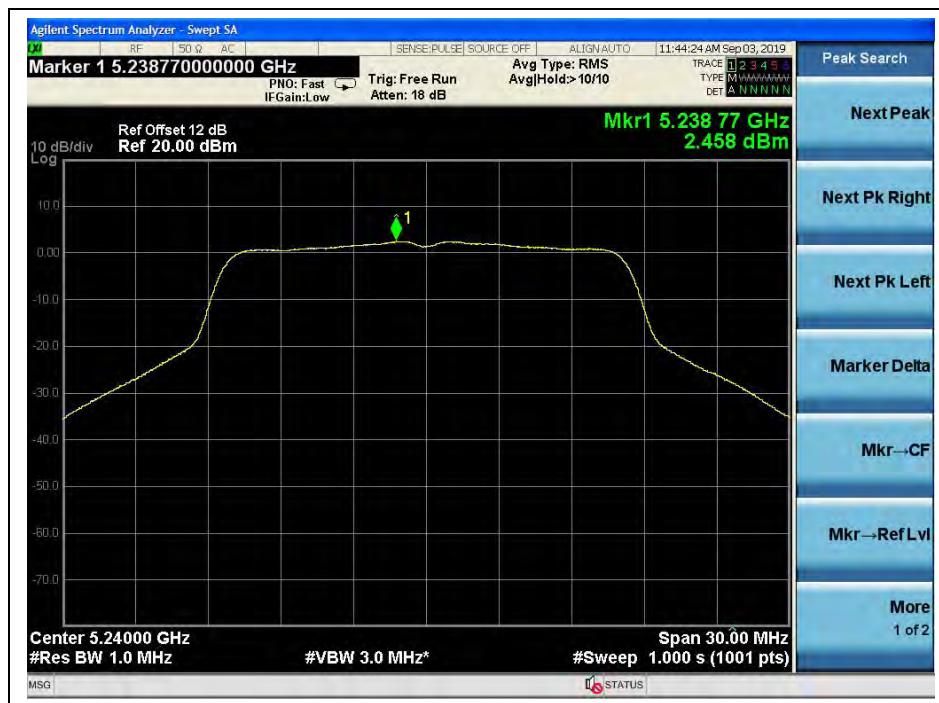
(Channel 36, 5180MHz, 802.11a, ANT 1)



(Channel 44, 5220 MHz, 802.11a, ANT 1)



REPORT No.: SZ19070119W04



(Channel 48, 5240MHz, 802.11a, ANT 1)



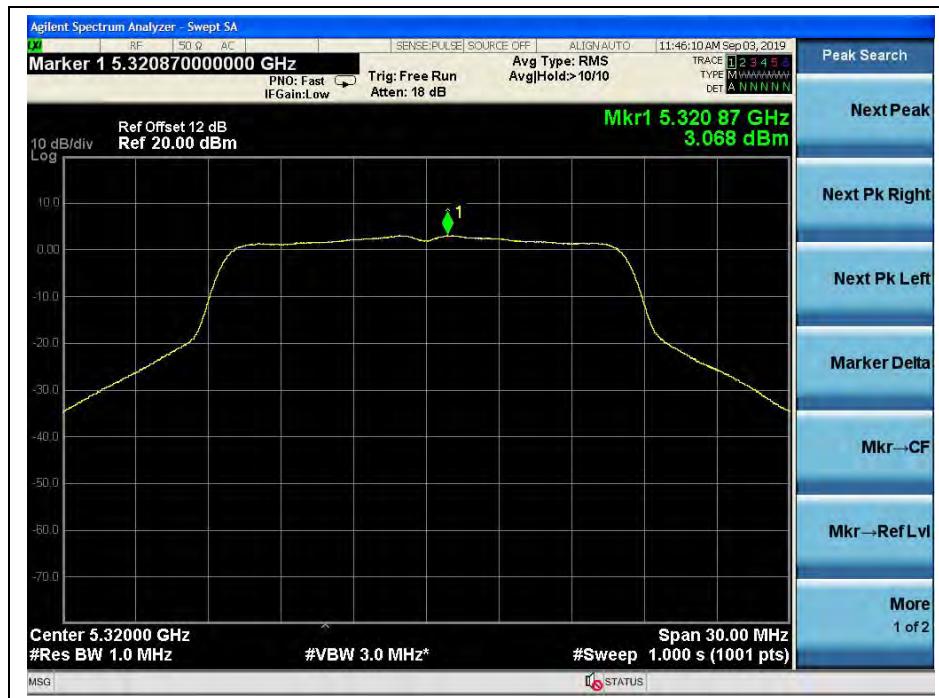
(Channel 52, 5260MHz, 802.11a, ANT 1)



REPORT No.: SZ19070119W04



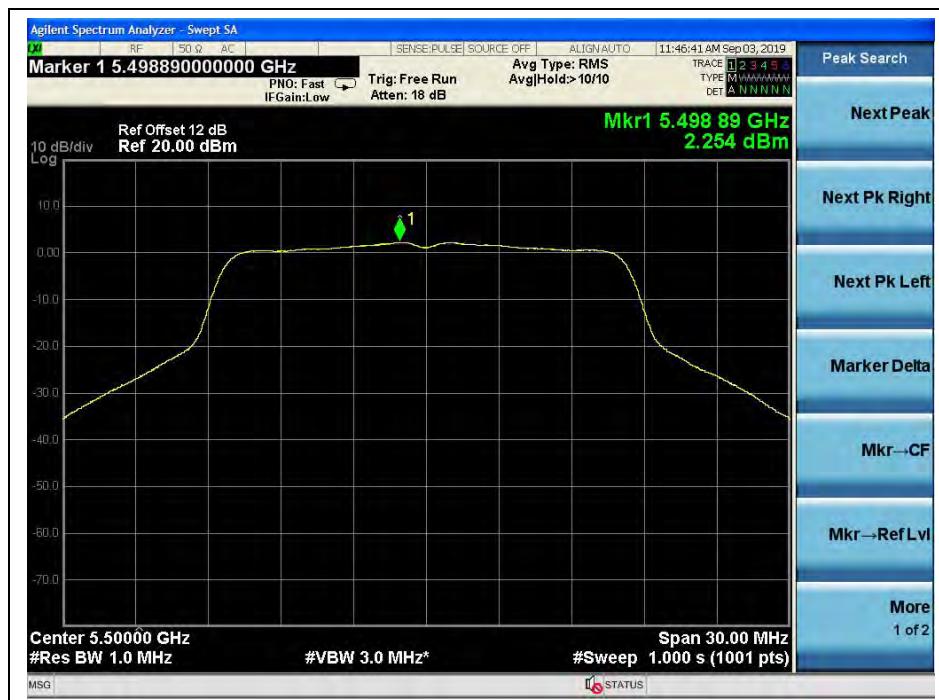
(Channel 60, 5300 MHz, 802.11a, ANT 1)



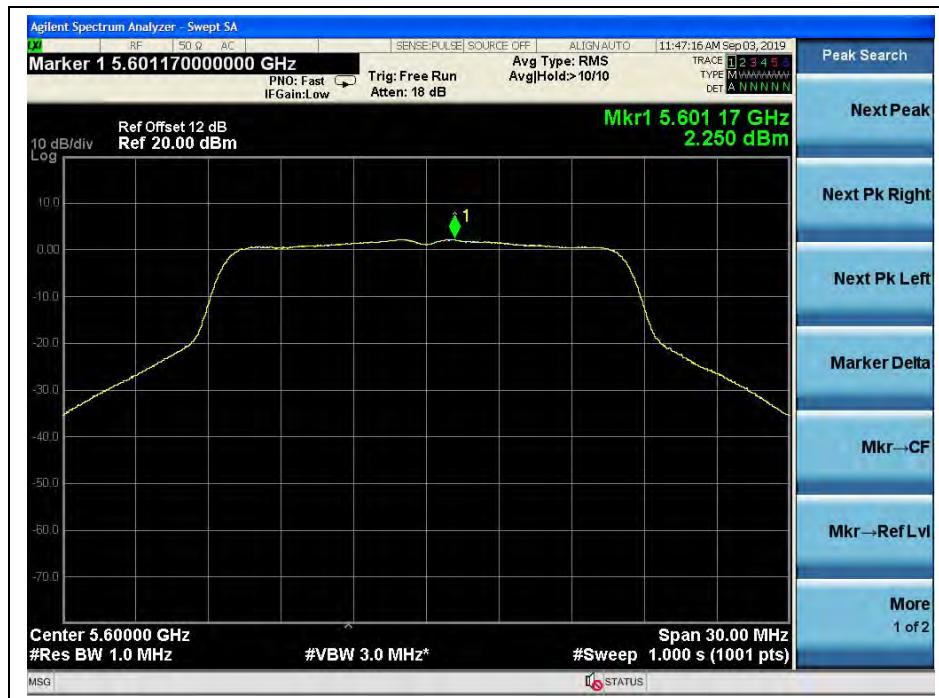
(Channel 64, 5320MHz, 802.11a, ANT 1)



REPORT No.: SZ19070119W04



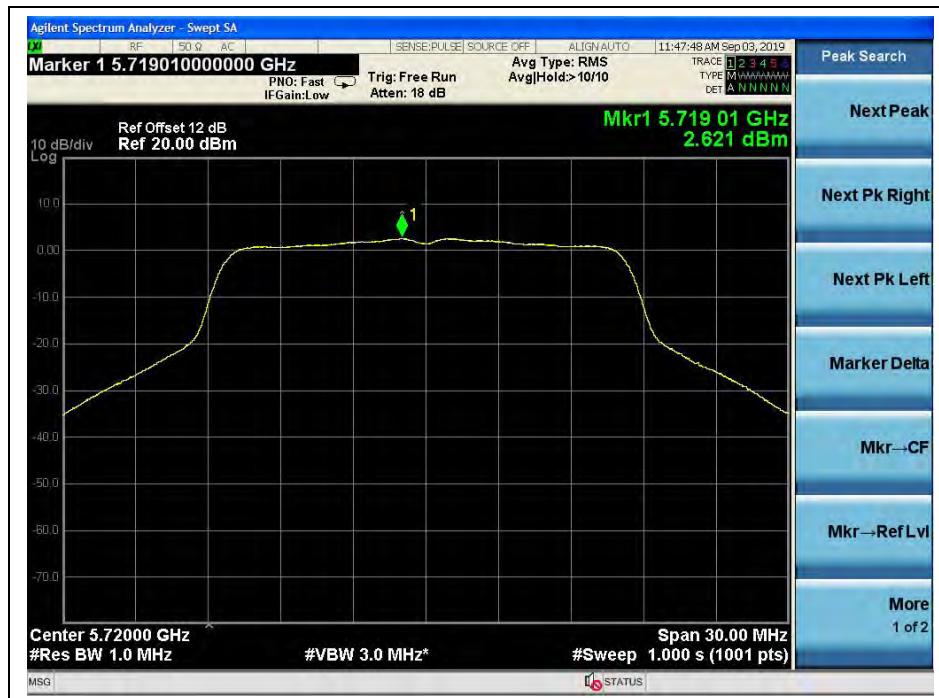
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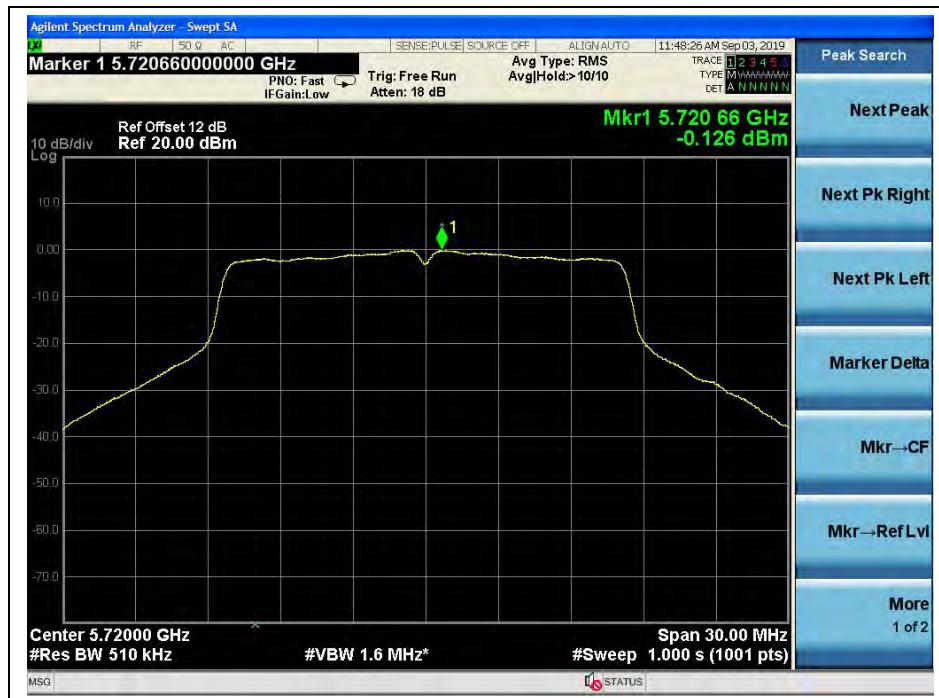
(Channel 120, 5600 MHz, 802.11a, ANT 1)



REPORT No.: SZ19070119W04



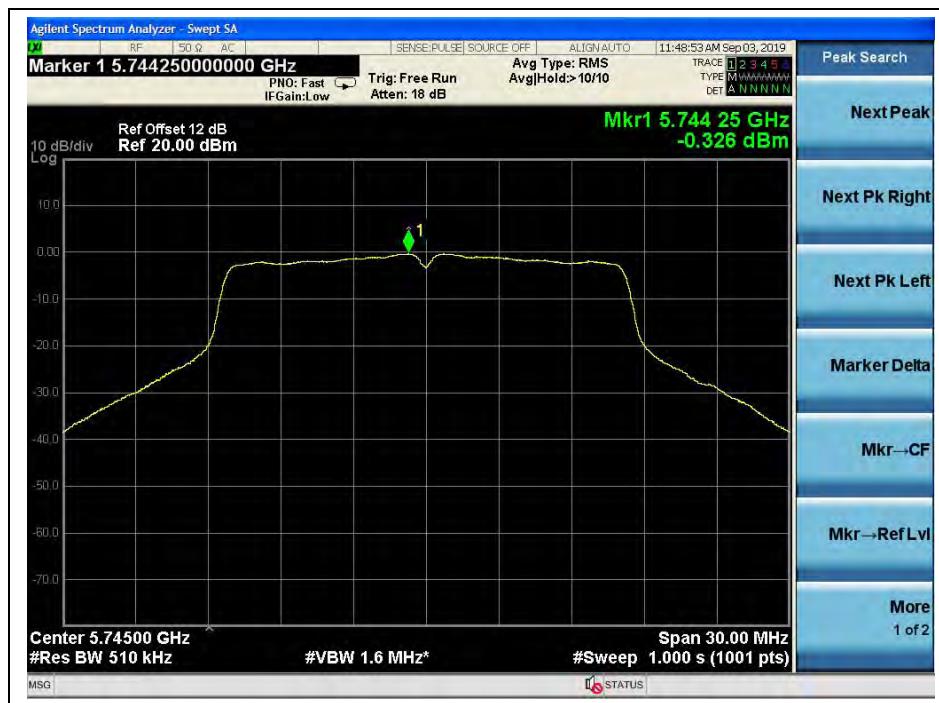
(Channel 144, 5720MHz, 802.11a, ANT 1)



(Channel 144, 5720MHz, 802.11a, ANT 1)



REPORT No.: SZ19070119W04



(Channel 149, 5745MHz, 802.11a, ANT 1)



(Channel 157, 5785MHz, 802.11a, ANT 1)



REPORT No.: SZ19070119W04



(Channel 165, 5825MHz, 802.11a, ANT 1)

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REPORT No.: SZ19070119W04

802.11n (HT20) Test mode**A. Test Verdict:**

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
		ANT 0	ANT 1			
36	5180	0.71	1.80	4.30	11	PASS
44	5220	1.14	2.13	4.67		
48	5240	0.90	2.04	4.52		
52	5260	1.13	2.18	4.70		
60	5300	1.34	2.49	4.96		
64	5320	1.43	2.55	5.04		
100	5500	1.20	1.72	4.48		
116	5600	1.57	1.74	4.67		
144	5720	2.25	1.99	5.13		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
		ANT 0	ANT 1			
144	5720	-0.48	-0.77	2.39	30	PASS
149	5745	-0.62	-0.97	2.22		
157	5785	-0.59	-0.90	2.27		
165	5825	-0.52	-1.11	2.21		

Note: Directional gain = $1.5\text{dBi} + 10\log(2) = 4.51\text{dBi} < 6\text{dBi}$, so the limit shall be 11 dBm/MHz for 5.18-5.24 GHz, 5.260-5.320 GHz, 5.500-5.720 GHz band and 30 dBm/500KHz for 5.745-5.825 GHz band.

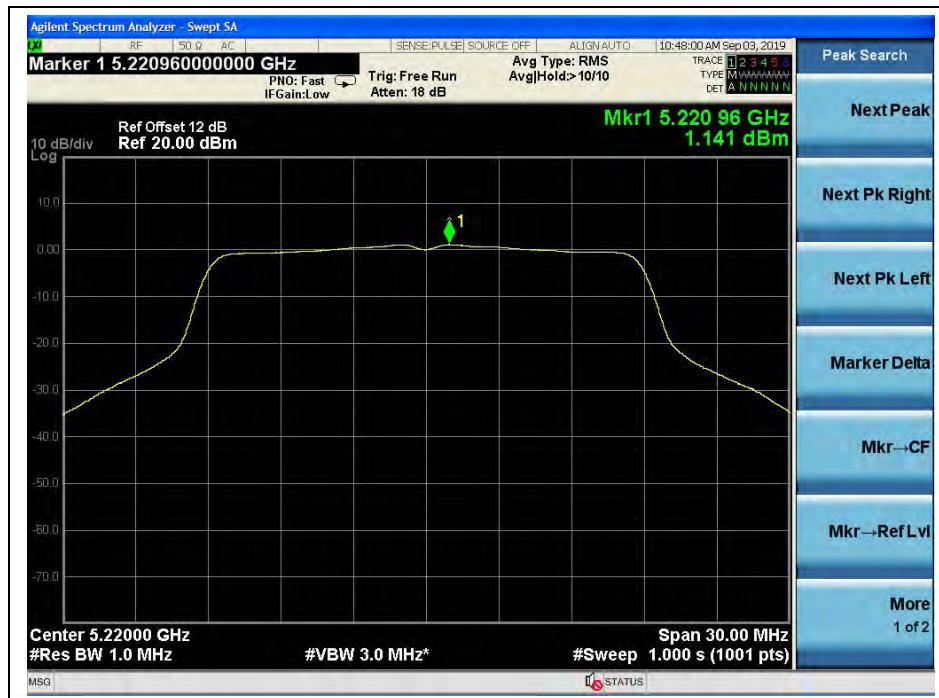


REPORT No.: SZ19070119W04

B. Test Plots



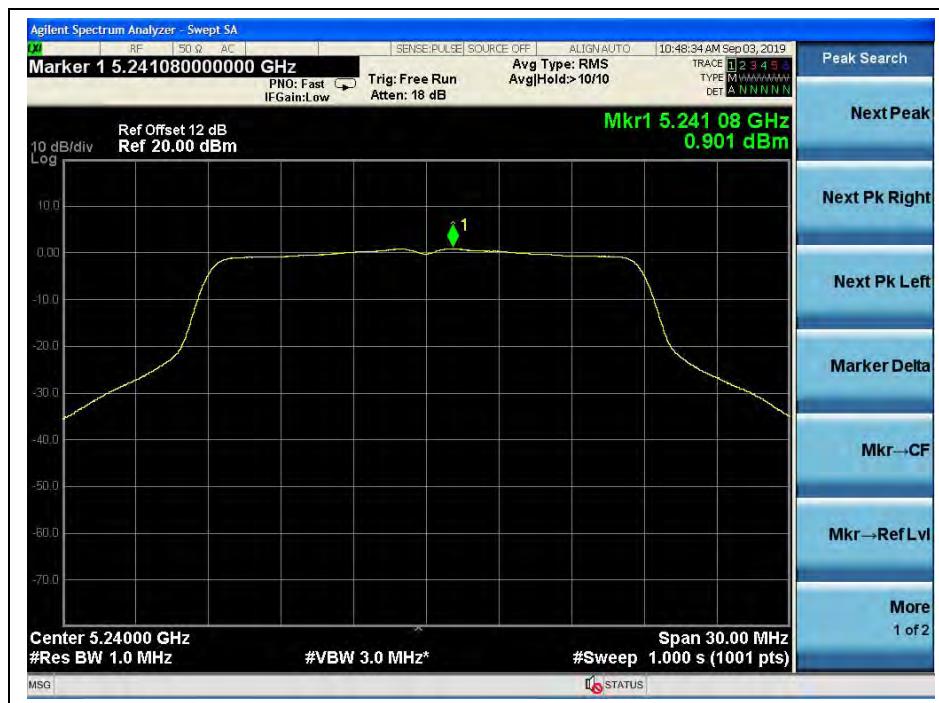
(Channel 36, 5180MHz, 802.11 n (HT20), ANT0)



(Channel 44, 5220 MHz, 802.11 n (HT20), ANT0)



REPORT No.: SZ19070119W04



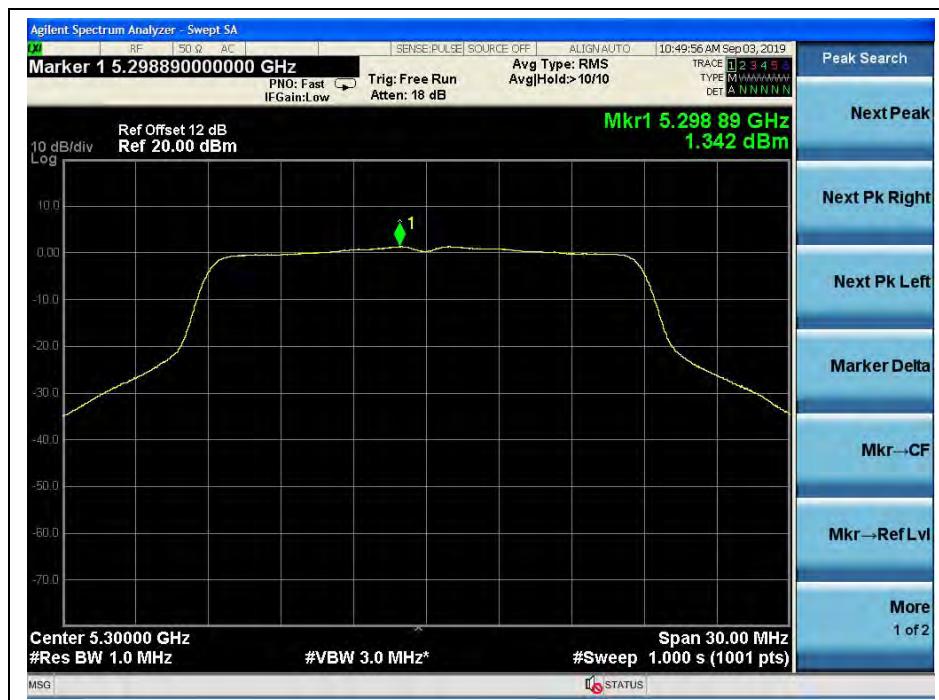
(Channel 48, 5240MHz, 802.11 n (HT20), ANT0)



(Channel 52, 5260MHz, 802.11 n (HT20) , ANT0)



REPORT No.: SZ19070119W04



(Channel 60, 5300 MHz, 802.11 n (HT20) , ANTO)



(Channel 64, 5320MHz, 802.11 n (HT20) , ANTO)

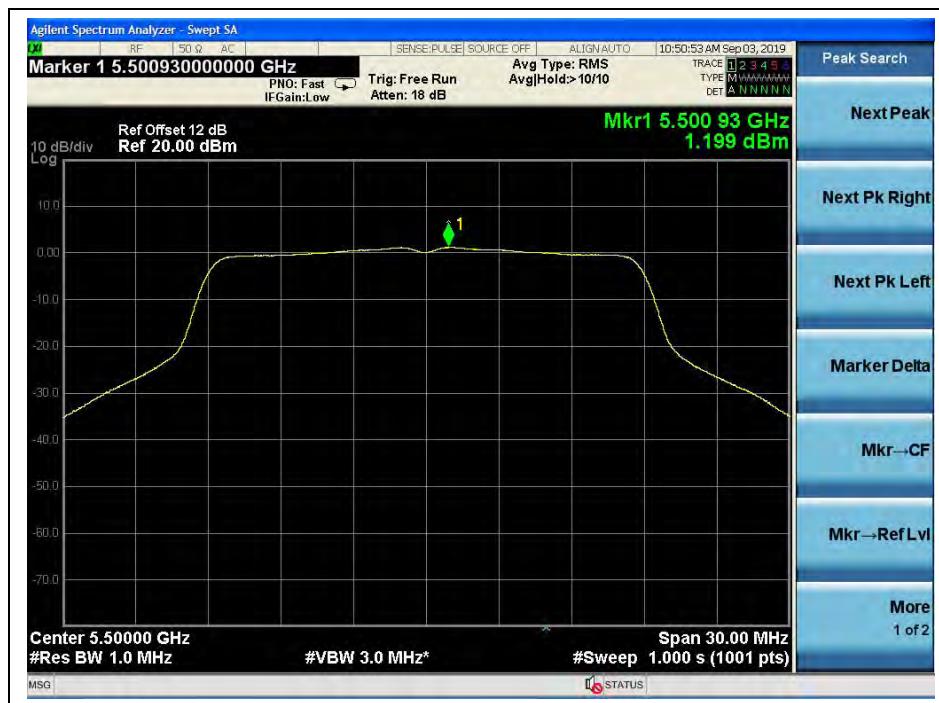
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REPORT No.: SZ19070119W04



(Channel 100, 5500MHz, 802.11 n (HT20) , ANTO)



(Channel 120, 5600 MHz, 802.11 n (HT20) , ANTO)

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REPORT No.: SZ19070119W04



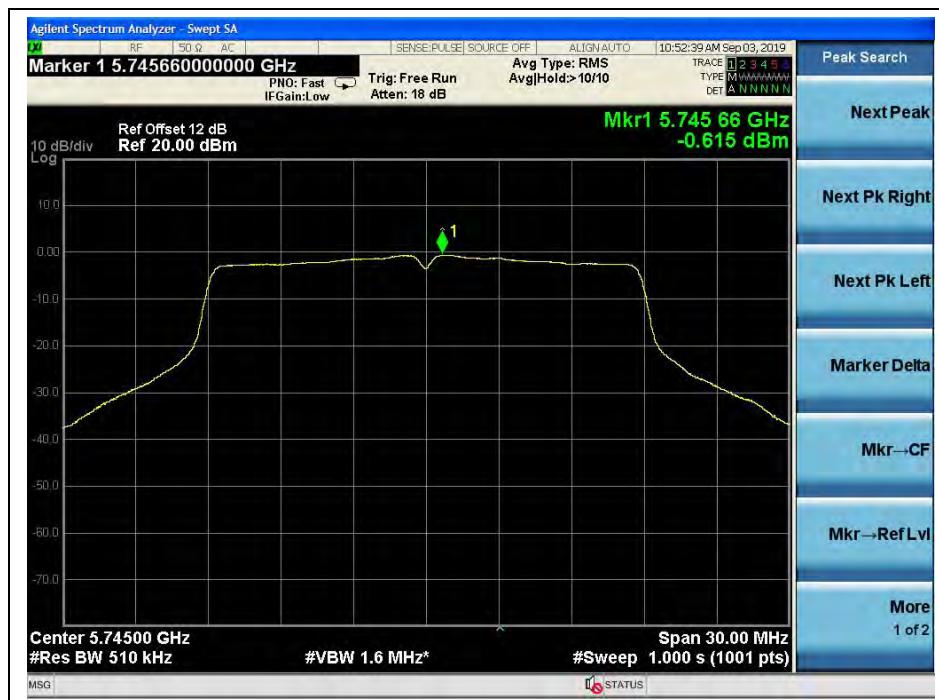
(Channel 144, 5720MHz, 802.11 n (HT20) , ANT0)



(Channel 144, 5720MHz, 802.11 n (HT20) , ANT0)



REPORT No.: SZ19070119W04



(Channel 149, 5745MHz, 802.11 n (HT20), ANT0)



(Channel 157, 5785MHz, 802.11 n (HT20), ANT0)

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REPORT No.: SZ19070119W04



(Channel 165, 5825MHz, 802.11 n (HT20), ANT0)



(Channel 36, 5180MHz, 802.11 n (HT20), ANT1)

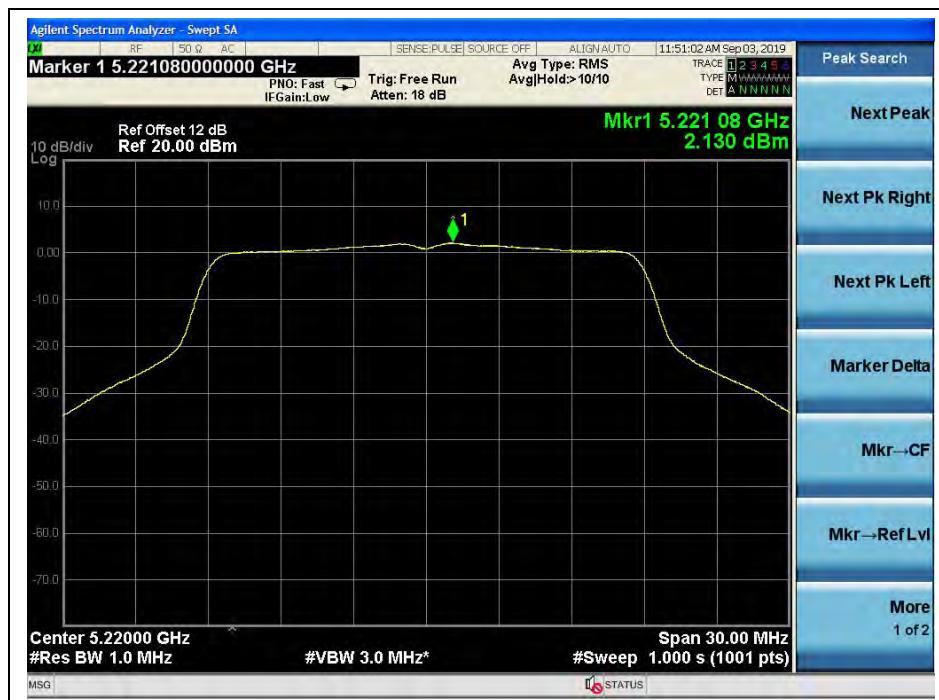
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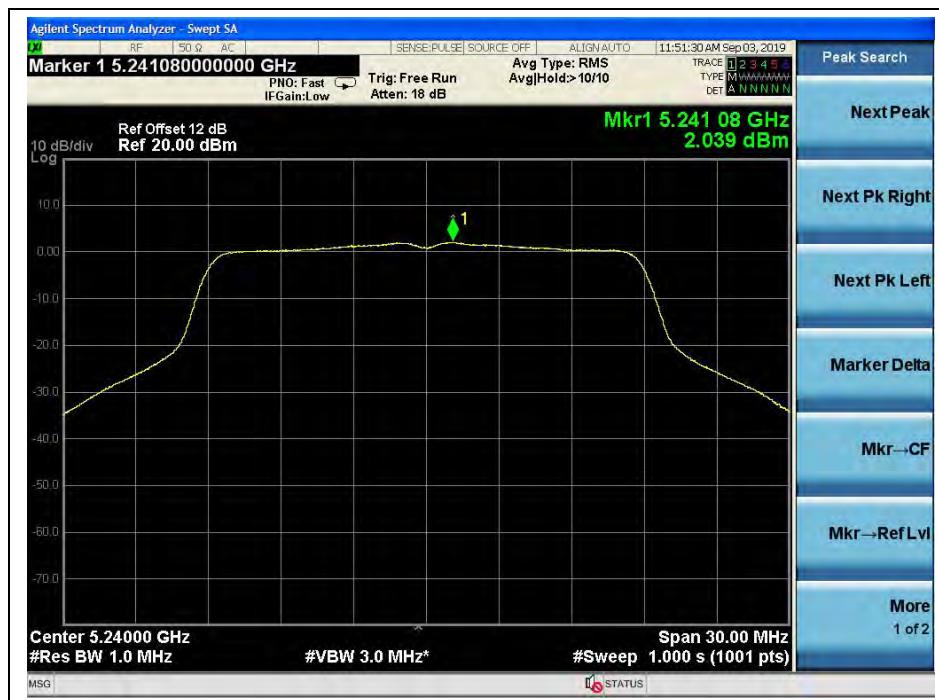
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REPORT No.: SZ19070119W04



(Channel 44, 5220 MHz, 802.11 n (HT20), ANT1)



(Channel 48, 5240MHz, 802.11 n (HT20), ANT1)

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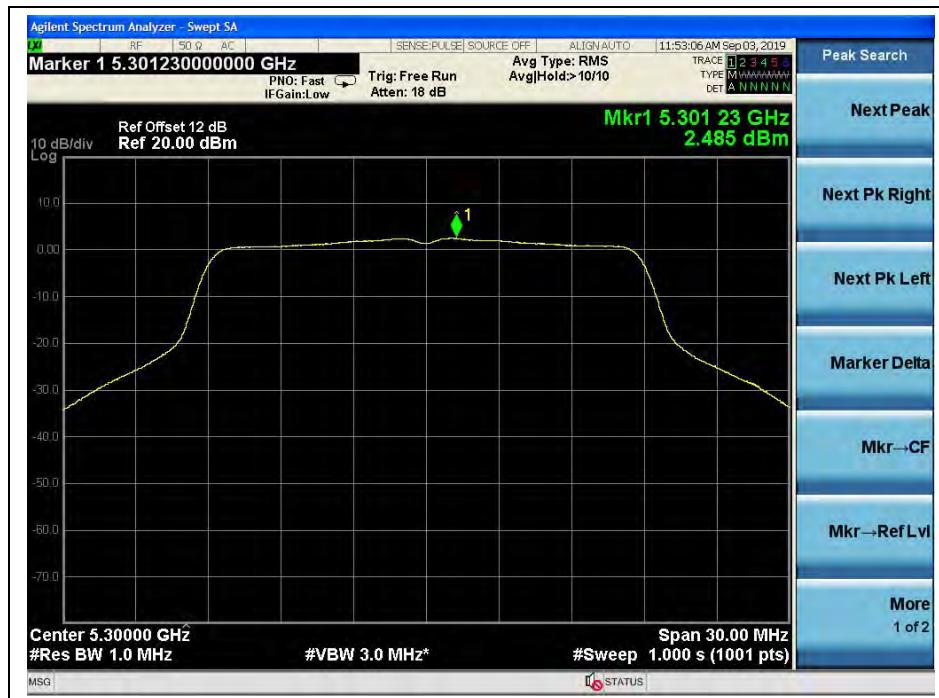
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REPORT No.: SZ19070119W04



(Channel 52, 5260MHz, 802.11 n (HT20) , ANT1)



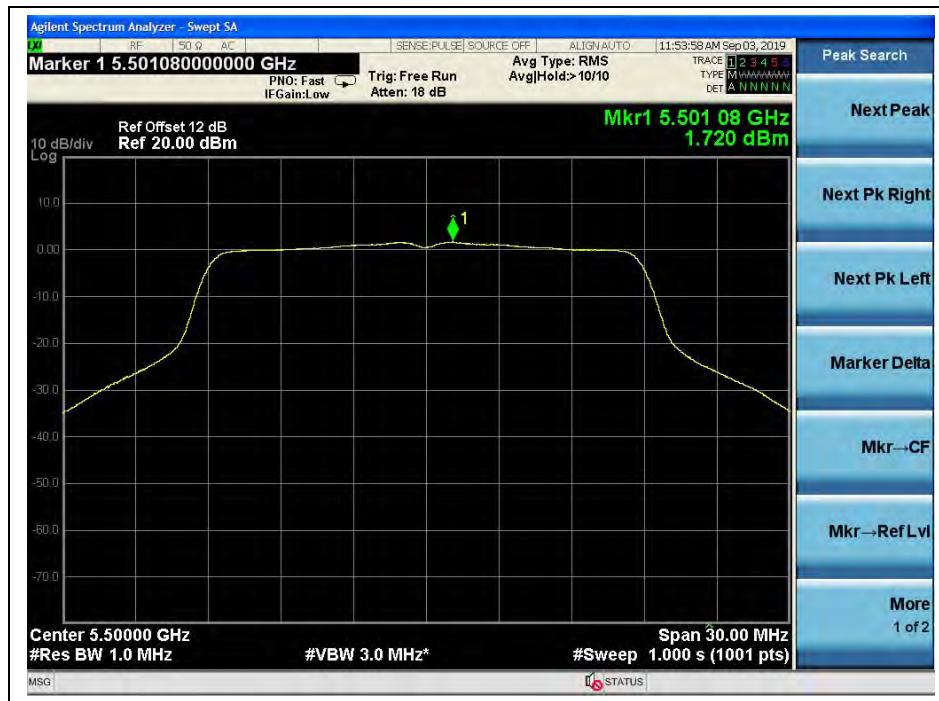
(Channel 60, 5300 MHz, 802.11 n (HT20) , ANT1)



REPORT No.: SZ19070119W04



(Channel 64, 5320MHz, 802.11 n (HT20) , ANT1)



(Channel 100, 5500MHz, 802.11 n (HT20) , ANT1)

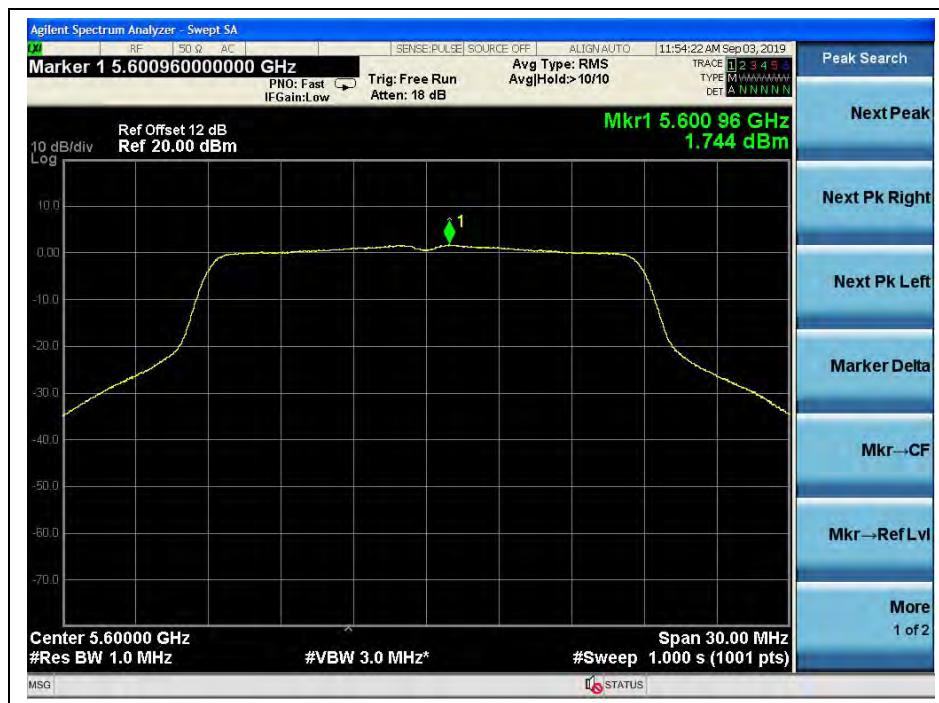
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REPORT No.: SZ19070119W04



(Channel 120, 5600 MHz, 802.11 n (HT20) , ANT1)



(Channel 144, 5720MHz, 802.11 n (HT20) , ANT1)

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(Channel 144, 5720MHz, 802.11 n (HT20) , ANT1)



(Channel 149, 5745MHz, 802.11 n (HT20), ANT1)

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REPORT No.: SZ19070119W04



(Channel 157, 5785MHz, 802.11 n (HT20), ANT1)



(Channel 165, 5825MHz, 802.11 n (HT20), ANT1)

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**802.11n (HT40) Test mode****A. Test Verdict:**

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
		ANT 0	ANT 1			
38	5190	-1.70	-0.78	1.79	11	PASS
46	5230	-1.29	-0.81	1.97		
54	5270	-1.13	-0.63	2.14		
62	5310	-0.88	-0.09	2.54		
102	5510	-0.89	-0.98	2.08		
126	5630	-0.69	-0.91	2.21		
142	5710	-0.08	-0.89	2.54		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
		ANT 0	ANT 1			
142	5710	-2.93	-3.67	-0.27	30	PASS
151	5755	-3.07	-3.70	-0.36		
159	5795	-3.03	-3.55	-0.27		

Note: Directional gain = $1.5\text{dBi} + 10\log(2) = 4.51\text{dBi} < 6\text{dBi}$, so the limit shall be 11 dBm/MHz for 5.18-5.24 GHz, 5.260-5.320 GHz, 5.500-5.720 GHz band and 30 dBm/500KHz for 5.745-5.825 GHz band.

B. Test Plots

(Channel 38, 5190MHz, 802.11n (HT40), ANT0)



REPORT No.: SZ19070119W04



(Channel 46, 5230 MHz, 802.11n (HT40), ANTO)



(Channel 54, 5270MHz, 802.11n (HT40), ANTO)

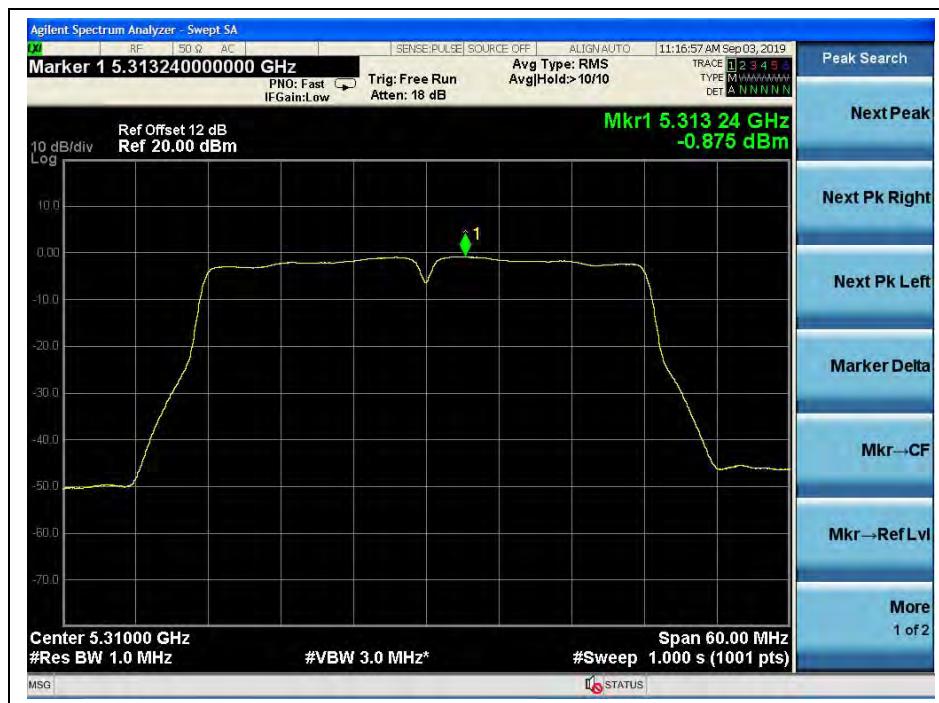
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REPORT No.: SZ19070119W04



(Channel 62, 5310 MHz, 802.11n (HT40), ANT0)



(Channel 102, 5510MHz, 802.11n (HT40), ANT0)

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REPORT No.: SZ19070119W04



(Channel 126, 5630 MHz, 802.11n (HT40), ANT0)



(Channel 142, 5710MHz, 802.11n (HT40), ANT0)

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REPORT No.: SZ19070119W04



(Channel 142, 5710MHz, 802.11n (HT40), ANT0)



(Channel 151, 5755 MHz, 802.11n (HT40), ANT0)

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REPORT No.: SZ19070119W04



(Channel 159, 5795MHz, 802.11n (HT40), ANT0)



(Channel 38, 5190MHz, 802.11n (HT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 46, 5230 MHz, 802.11n (HT40), ANT1)



(Channel 54, 5270MHz, 802.11n (HT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 62, 5310 MHz, 802.11n (HT40), ANT1)



(Channel 102, 5510MHz, 802.11n (HT40), ANT1)



REPORT No.: SZ19070119W04



(Channel 126, 5630 MHz, 802.11n (HT40), ANT1)



(Channel 142, 5710MHz, 802.11n (HT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 142, 5710MHz, 802.11n (HT40), ANT1)



(Channel 151, 5755 MHz, 802.11n (HT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 159, 5795MHz, 802.11n (HT40), ANT1)

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REPORT No.: SZ19070119W04

802.11 ac (VHT20) Test mode**A. Test Verdict:**

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
		ANT 0	ANT 1			
36	5180	0.58	1.81	4.25	11	PASS
44	5220	1.21	2.07	4.67		
48	5240	0.99	2.08	4.58		
52	5260	1.24	2.28	4.80		
60	5300	1.54	2.59	5.11		
64	5320	1.64	2.65	5.18		
100	5500	1.49	1.65	4.58		
120	5600	1.78	2.37	5.10		
144	5720	2.52	2.27	5.41		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
		ANT 0	ANT 1			
144	5720	-0.19	-0.38	2.73	30	PASS
149	5745	-0.37	-0.63	2.51		
157	5785	-0.41	-0.54	2.54		
165	5825	-0.40	-0.82	2.41		

Note: Directional gain = $1.5\text{dBi} + 10\log(2) = 4.51\text{dBi} < 6\text{dBi}$, so the limit shall be 11 dBm/MHz for 5.18-5.24 GHz, 5.260-5.320 GHz, 5.500-5.720 GHz band and 30 dBm/500KHz for 5.745-5.825 GHz band.

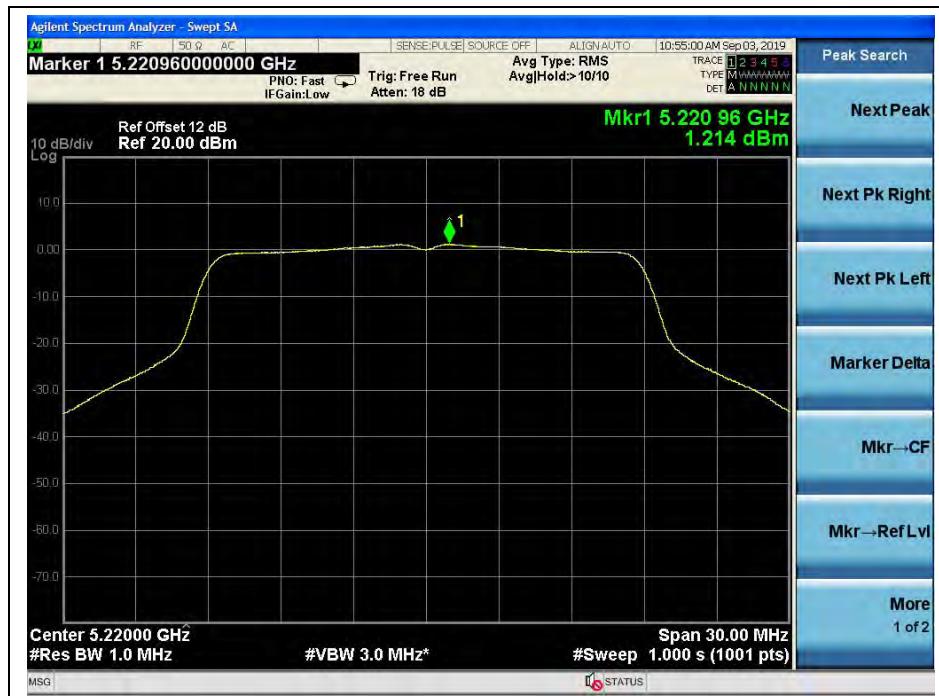


REPORT No.: SZ19070119W04

B. Test Plots



(Channel 36, 5180MHz, 802.11 ac (VHT20), ANTO)



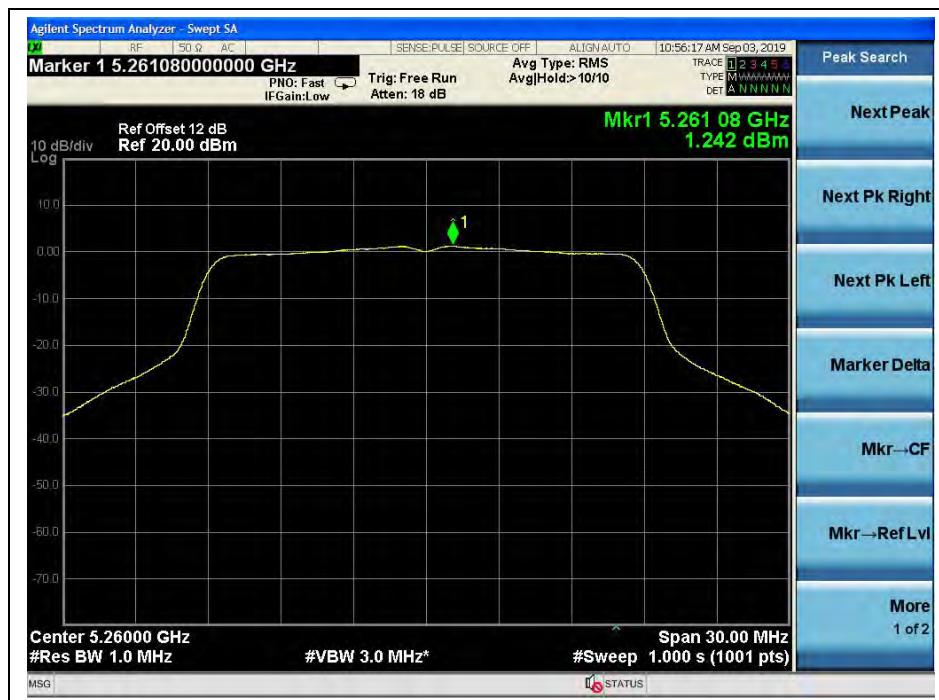
(Channel 44, 5220 MHz, 802.11 ac (VHT20), ANTO)



REPORT No.: SZ19070119W04



(Channel 48, 5240MHz, 802.11 ac (VHT20), ANT0)



(Channel 52, 5260MHz, 802.11 ac (VHT20), ANT0)



REPORT No.: SZ19070119W04



(Channel 60, 5300 MHz, 802.11 ac (VHT20), ANTO)



(Channel 64, 5320MHz, 802.11 ac (VHT20), ANTO)

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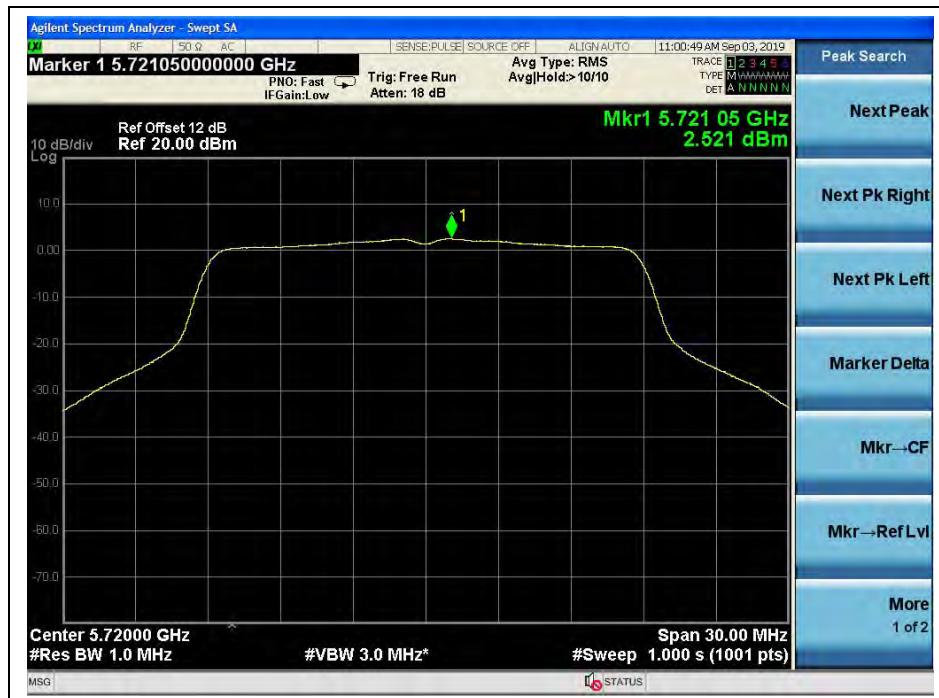
(Channel 100, 5500MHz, 802.11 ac (VHT20), ANT0)



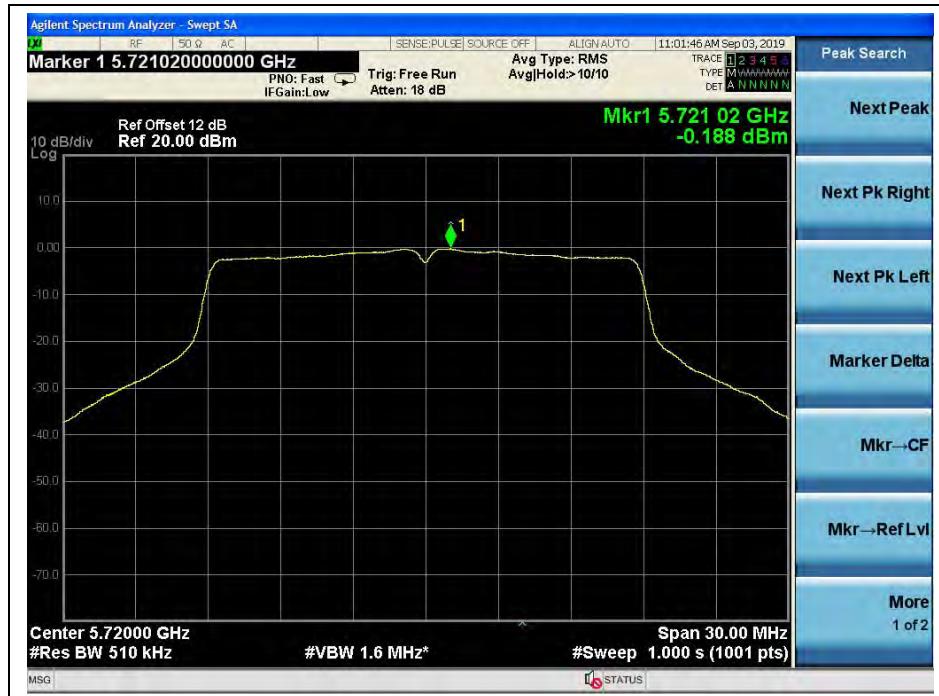
(Channel 120, 5600 MHz, 802.11 ac (VHT20), ANT0)



REPORT No.: SZ19070119W04



(Channel 144, 5720MHz, 802.11 ac (VHT20), ANT0)



(Channel 144, 5720MHz, 802.11 ac (VHT20), ANT0)

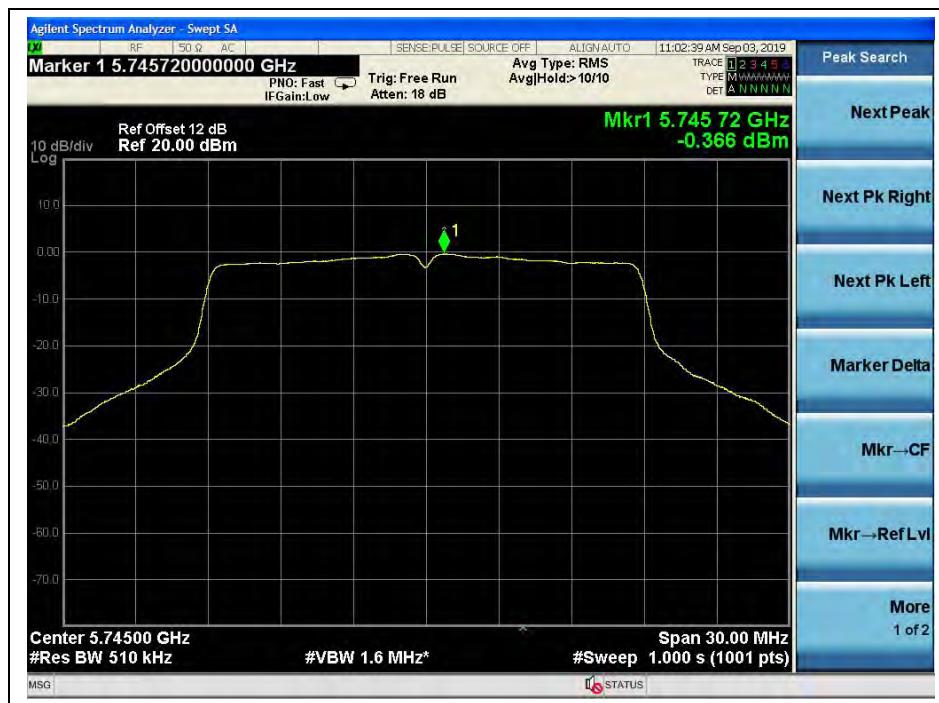
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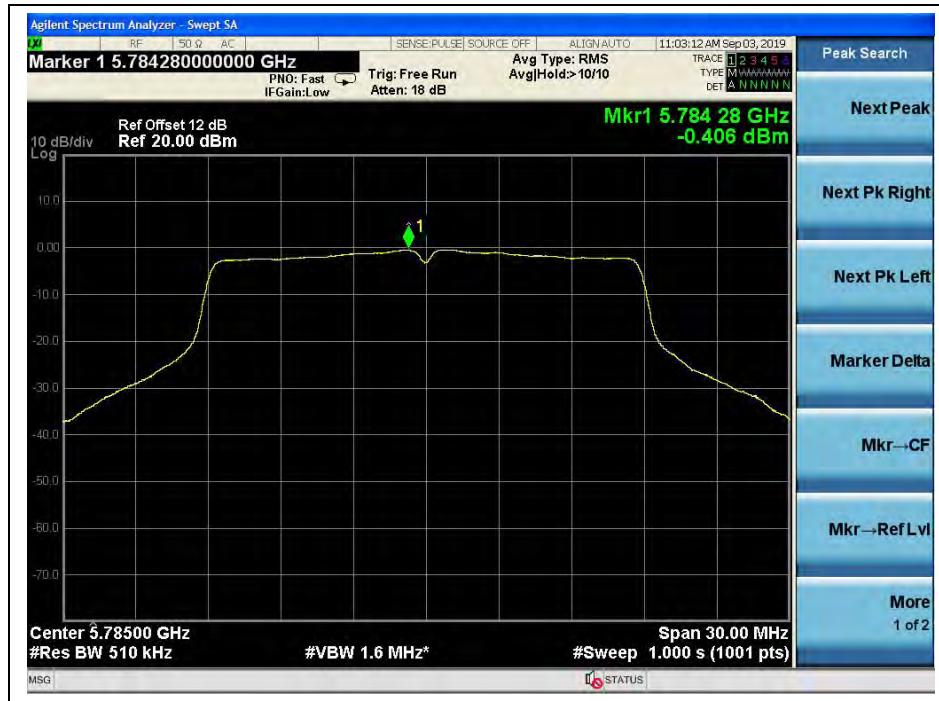
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(Channel 149, 5745MHz, 802.11 ac (VHT20), ANT0)



(Channel 157, 5785MHz, 802.11 ac (VHT20), ANT0)

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(Channel 165, 5825MHz, 802.11 ac (VHT20), ANT0)



(Channel 36, 5180MHz, 802.11 ac (VHT20), ANT1)

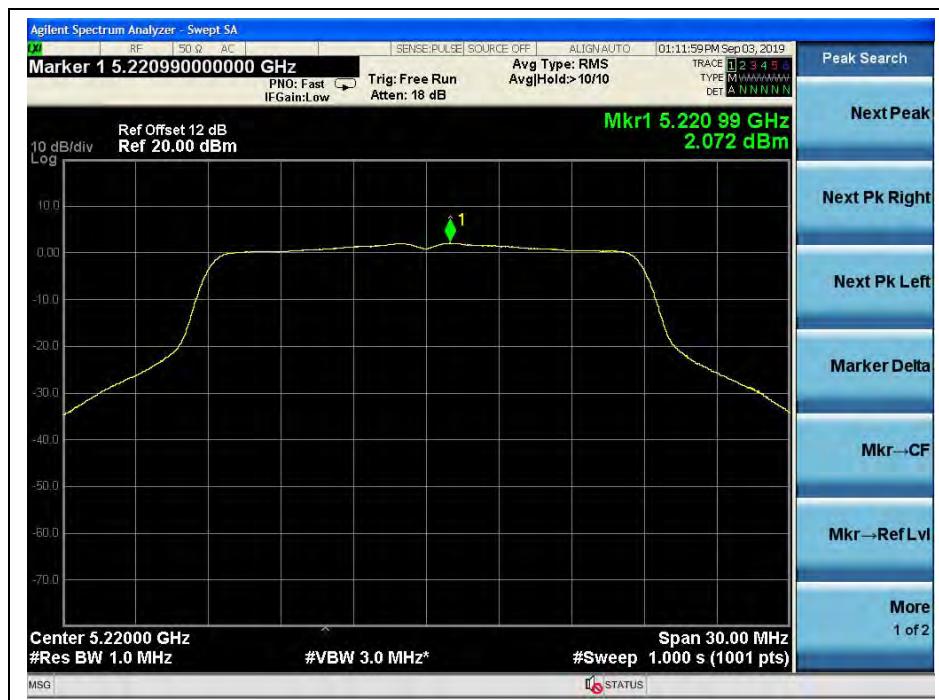
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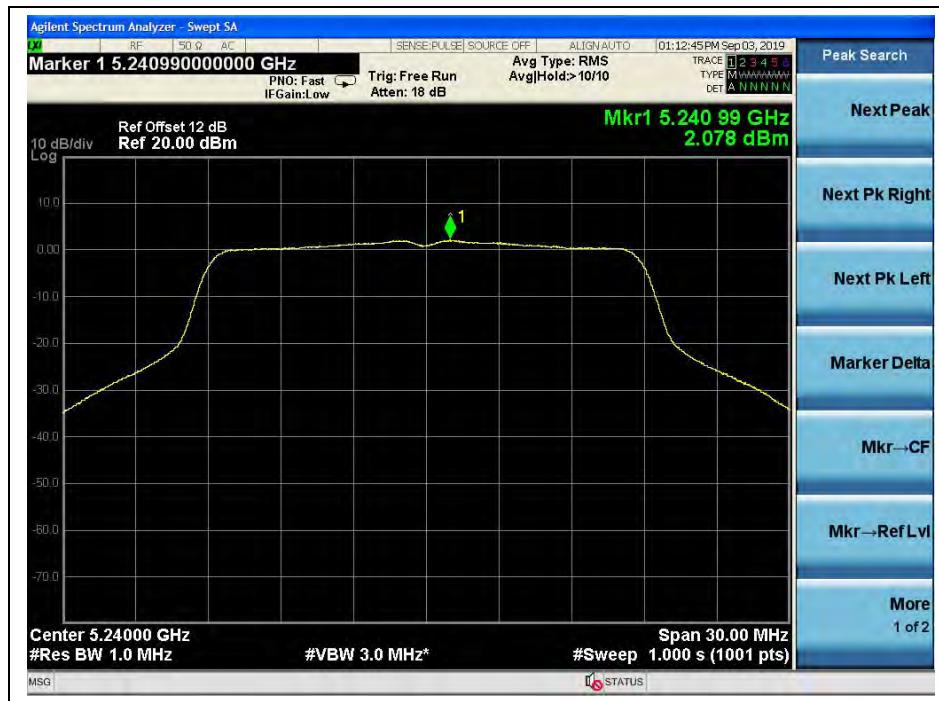
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(Channel 44, 5220 MHz, 802.11 ac (VHT20), ANT1)



(Channel 48, 5240MHz, 802.11 ac (VHT20), ANT1)

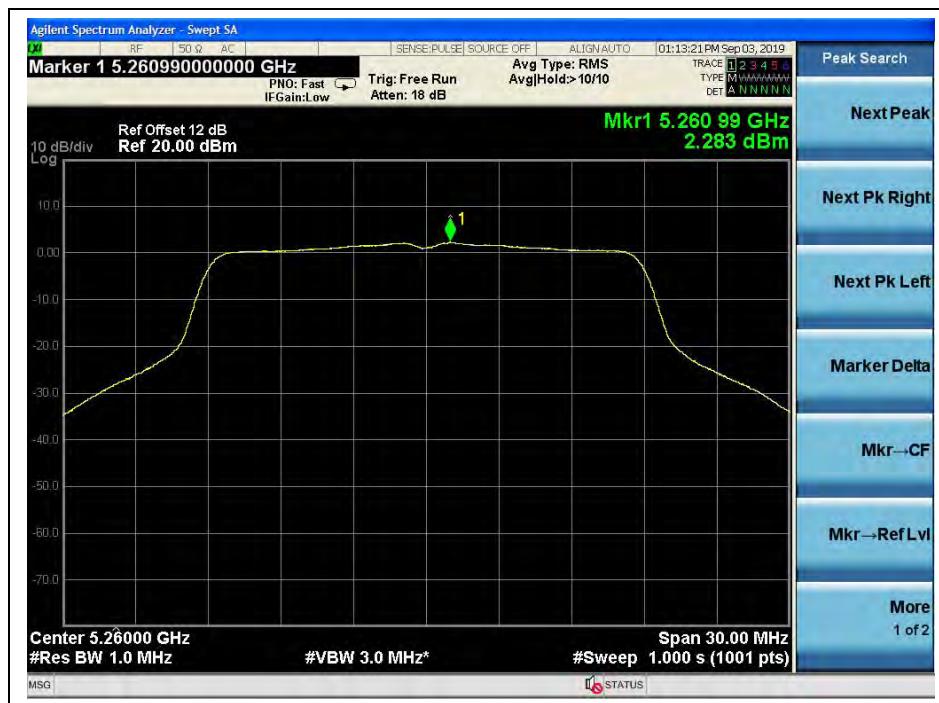
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REPORT No.: SZ19070119W04



(Channel 52, 5260MHz, 802.11 ac (VHT20), ANT1)



(Channel 60, 5300 MHz, 802.11 ac (VHT20), ANT1)

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REPORT No.: SZ19070119W04



(Channel 64, 5320MHz, 802.11 ac (VHT20), ANT1)



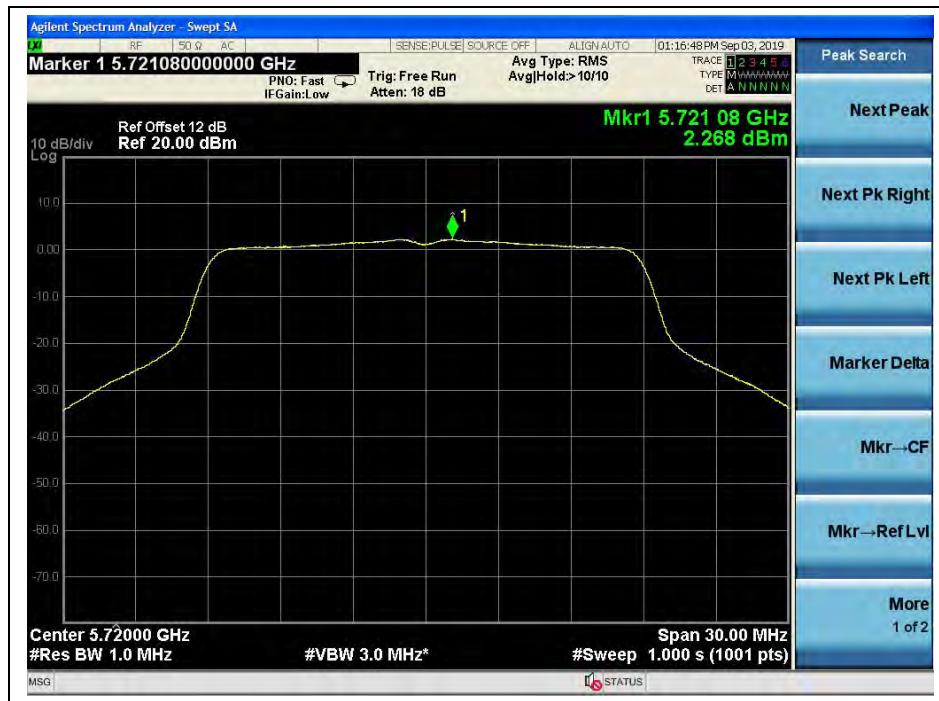
(Channel 100, 5500MHz, 802.11 ac (VHT20), ANT1)



REPORT No.: SZ19070119W04



(Channel 120, 5600 MHz, 802.11 ac (VHT20), ANT1)



(Channel 144, 5720MHz, 802.11 ac (VHT20), ANT1)

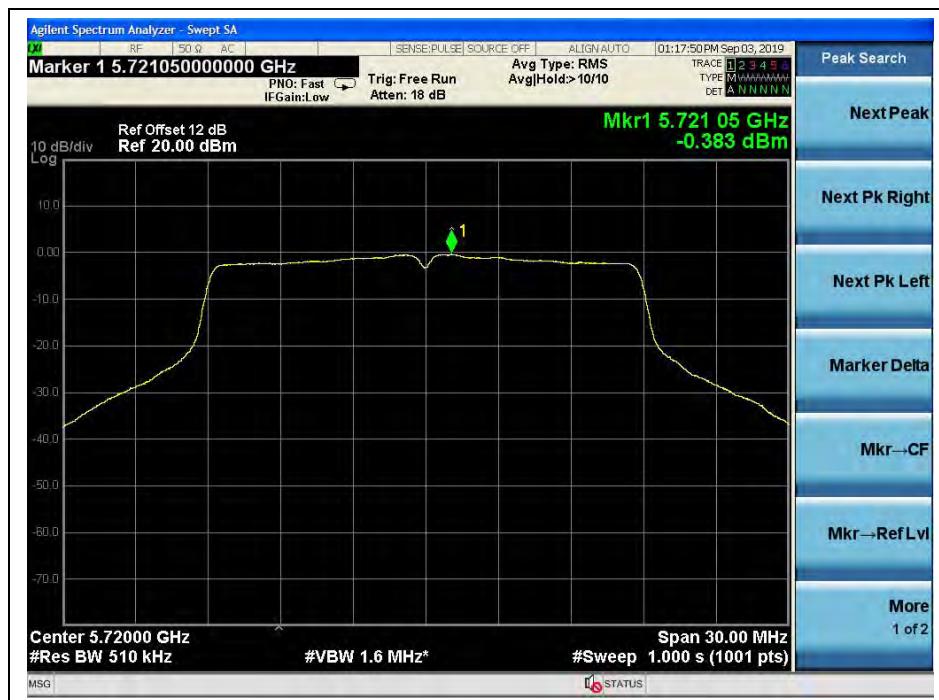
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(Channel 144, 5720MHz, 802.11 ac (VHT20), ANT1)



(Channel 149, 5745MHz, 802.11 ac (VHT20), ANT1)

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REPORT No.: SZ19070119W04



(Channel 157, 5785MHz, 802.11 ac (VHT20), ANT1)



(Channel 165, 5825MHz, 802.11 ac (VHT20), ANT1)

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**802.11 ac (VHT40) Test mode****A. Test Verdict:**

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
		ANT 0	ANT 1			
38	5190	-1.75	-0.56	1.90	11	PASS
46	5230	-1.38	-0.54	2.07		
54	5270	-1.24	-0.26	2.29		
62	5310	-0.96	0.21	2.67		
102	5510	-0.95	-0.53	2.28		
126	5630	-0.84	-0.53	2.33		
142	5710	-0.19	-0.35	2.74		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
		ANT 0	ANT 1			
142	5710	-3.06	-3.25	-0.14	30	PASS
151	5755	-3.17	-3.44	-0.29		
159	5795	-3.00	-3.36	-0.17		

Note: Directional gain = $1.5\text{dBi} + 10\log(2) = 4.51\text{dBi} < 6\text{dBi}$, so the limit shall be 11 dBm/MHz for 5.18-5.24 GHz, 5.260-5.320 GHz, 5.500-5.720 GHz band and 30 dBm/500KHz for 5.745-5.825 GHz band.

B. Test Plots

(Channel 38, 5190MHz, 802.11 ac (VHT40), ANT0)



REPORT No.: SZ19070119W04



(Channel 46, 5230 MHz, 802.11 ac (VHT40), ANTO)



(Channel 54, 5270MHz, 802.11 ac (VHT40), ANTO)



REPORT No.: SZ19070119W04



(Channel 62, 5310MHz, 802.11 ac (VHT40), ANT0)



(Channel 102, 5510 MHz, 802.11 ac (VHT40), ANT0)

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REPORT No.: SZ19070119W04



(Channel 126, 5630MHz, 802.11 ac (VHT40), ANT0)



(Channel 142, 5710MHz, 802.11 ac (VHT40), ANT0)

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REPORT No.: SZ19070119W04



(Channel 142, 5710 MHz, 802.11 ac (VHT40), ANT0)



(Channel 151, 5755 MHz, 802.11 ac (VHT40), ANT0)

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REPORT No.: SZ19070119W04



(Channel 159, 5795MHz, 802.11 ac (VHT40), ANT0)



(Channel 38, 5190MHz, 802.11 ac (VHT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 46, 5230 MHz, 802.11 ac (VHT40), ANT1)



(Channel 54, 5270MHz, 802.11 ac (VHT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 62, 5310MHz, 802.11 ac (VHT40), ANT1)



(Channel 102, 5510 MHz, 802.11 ac (VHT40), ANT1)



REPORT No.: SZ19070119W04



(Channel 126, 5630MHz, 802.11 ac (VHT40), ANT1)



(Channel 142, 5710MHz, 802.11 ac (VHT40), ANT1)

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REPORT No.: SZ19070119W04



(Channel 142, 5710 MHz, 802.11 ac (VHT40), ANT1)



(Channel 151, 5755 MHz, 802.11 ac (VHT40), ANT1)