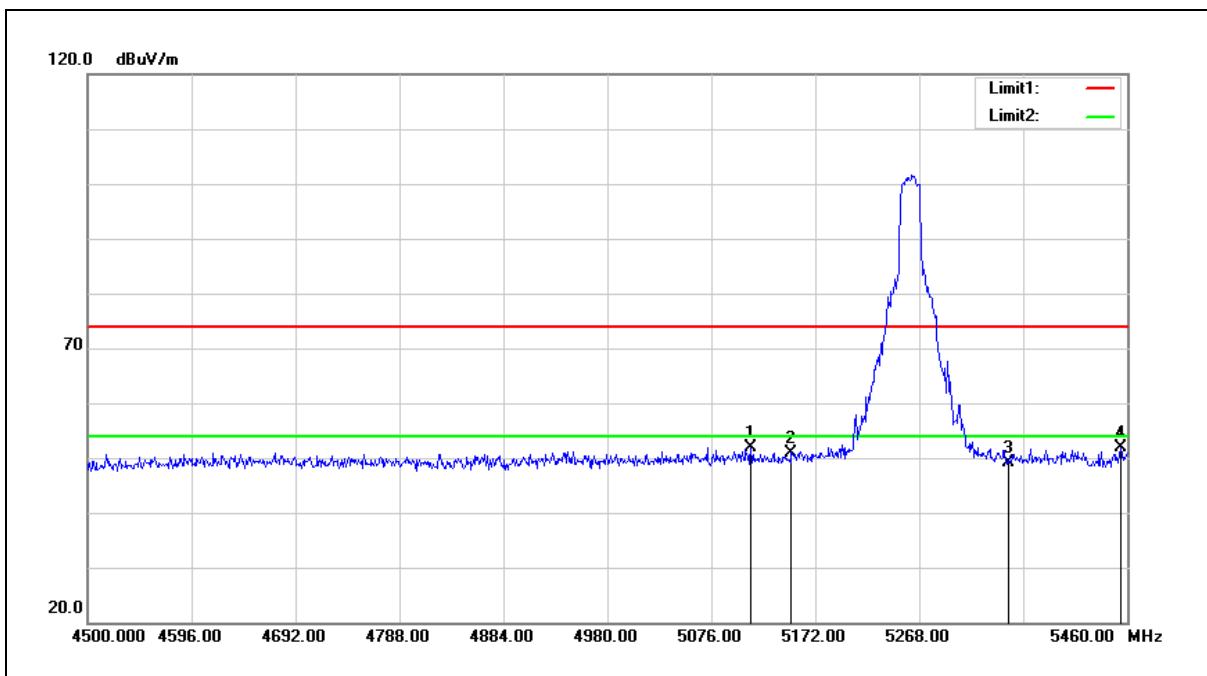


Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



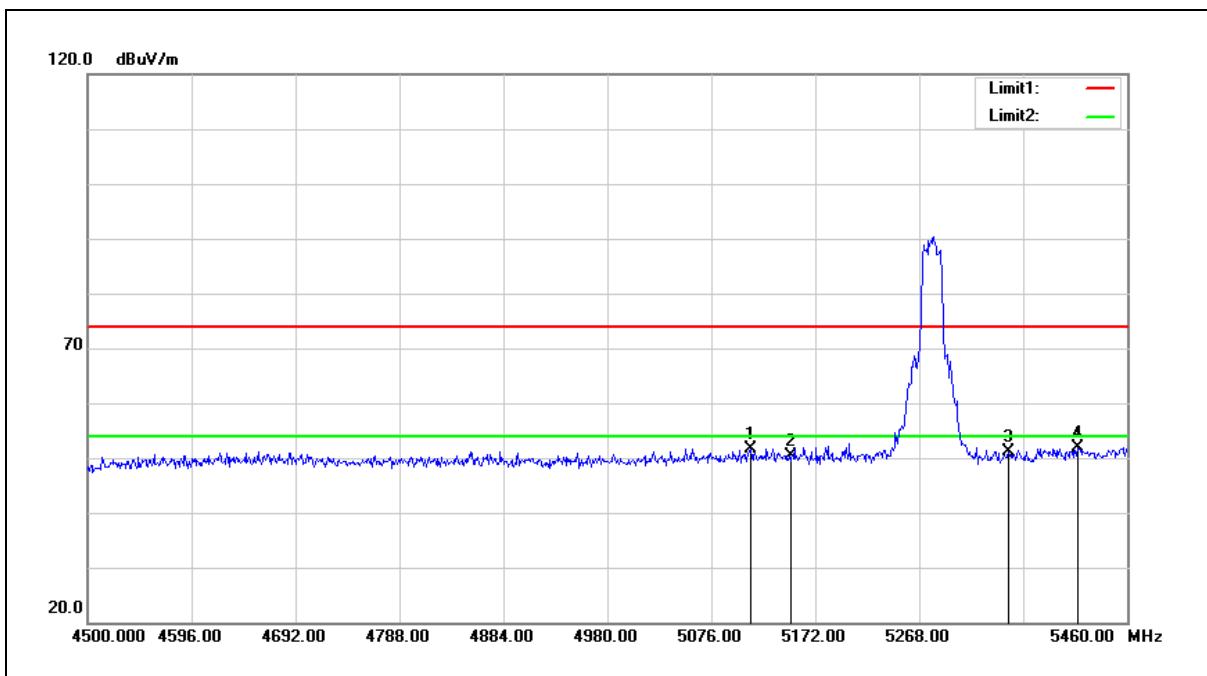
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.480	57.00	-5.01	51.99	74.00	-22.01	peak
2	5150.000	55.87	-4.95	50.92	74.00	-23.08	peak
3	5350.000	53.65	-4.47	49.18	74.00	-24.82	peak
4	5454.240	56.10	-4.28	51.82	74.00	-22.18	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



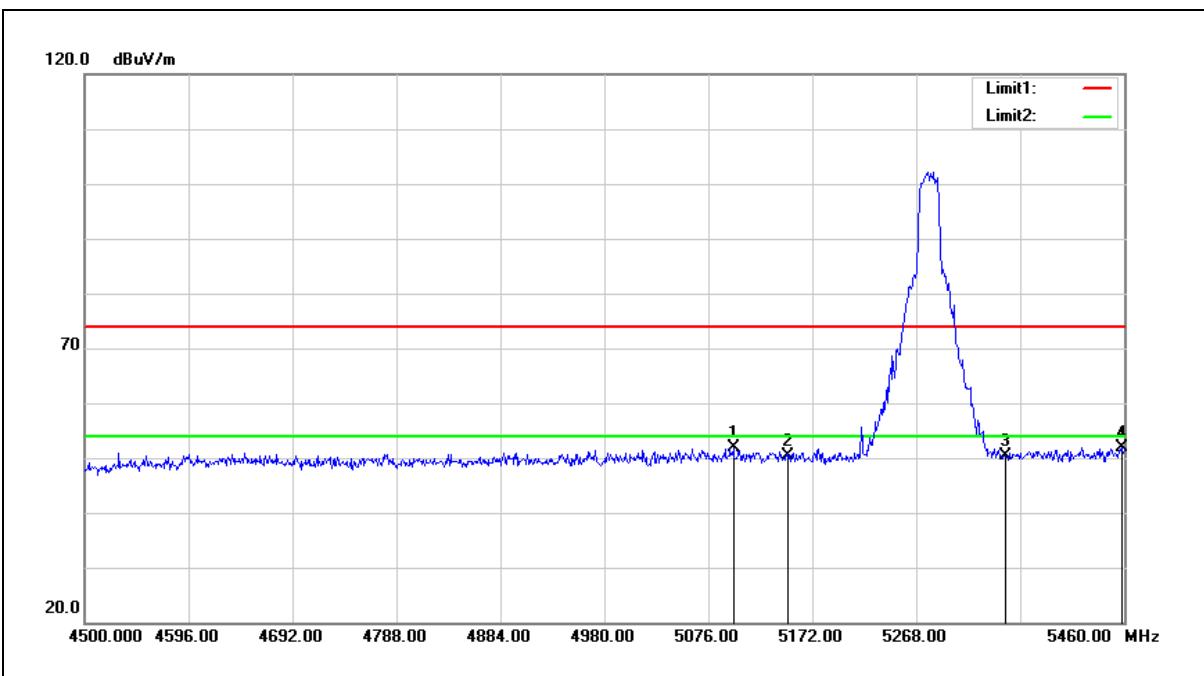
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.480	56.70	-5.01	51.69	74.00	-22.31	peak
2	5150.000	55.34	-4.95	50.39	74.00	-23.61	peak
3	5350.000	55.49	-4.47	51.02	74.00	-22.98	peak
4	5413.920	56.14	-4.32	51.82	74.00	-22.18	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



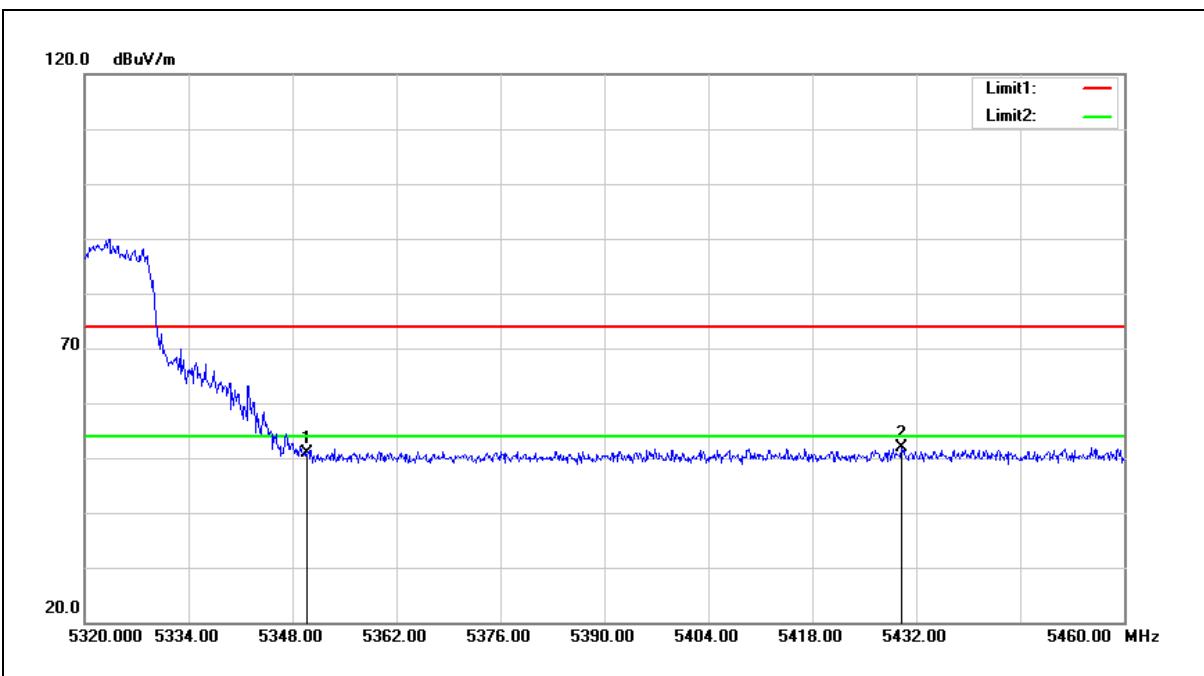
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5099.040	56.80	-5.03	51.77	74.00	-22.23	peak
2	5150.000	55.24	-4.95	50.29	74.00	-23.71	peak
3	5350.000	54.93	-4.47	50.46	74.00	-23.54	peak
4	5458.080	56.20	-4.28	51.92	74.00	-22.08	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



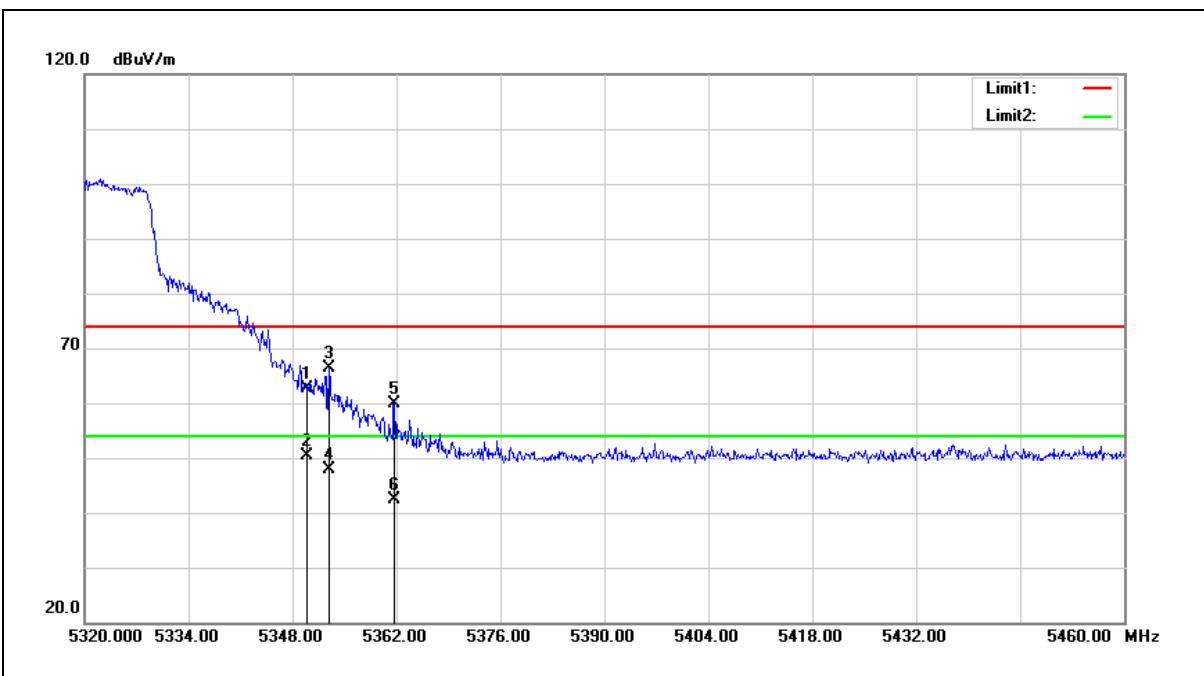
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	55.28	-4.47	50.81	74.00	-23.19	peak
2	5430.040	56.17	-4.30	51.87	74.00	-22.13	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



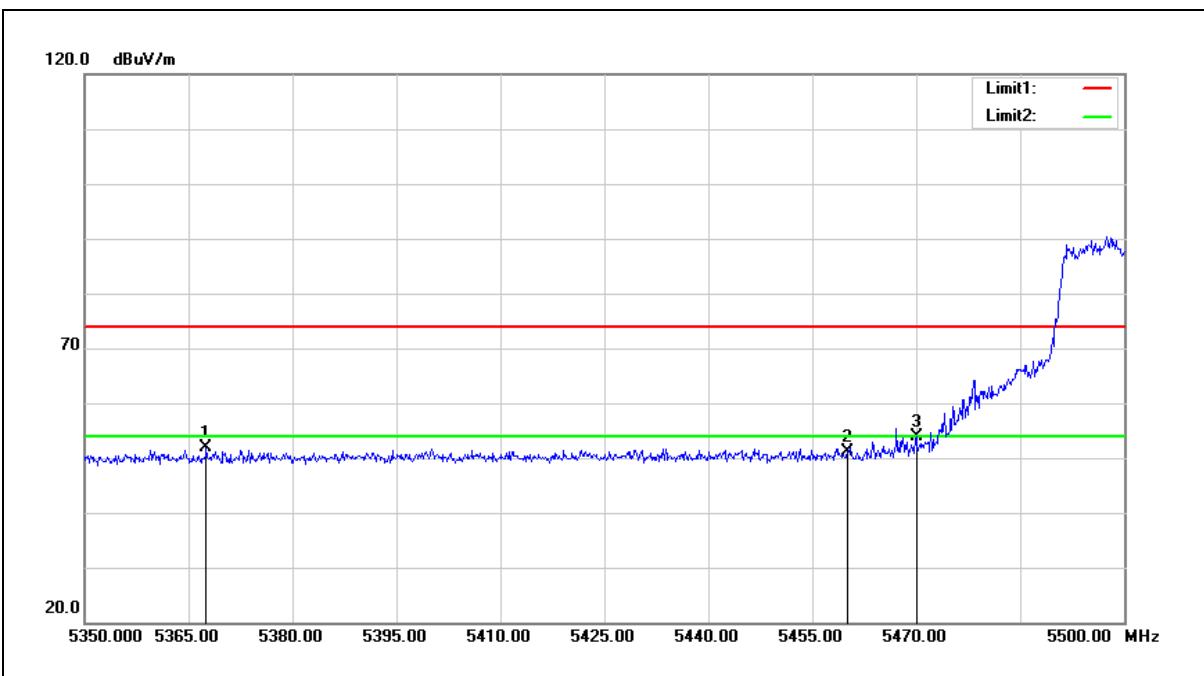
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	67.08	-4.47	62.61	74.00	-11.39	peak
2	5350.000	54.89	-4.47	50.42	54.00	-3.58	Avg
3	5352.900	70.93	-4.46	66.47	74.00	-7.53	peak
4	5352.900	52.39	-4.46	47.93	54.00	-6.07	Avg
5	5361.720	64.43	-4.44	59.99	74.00	-14.01	peak
6	5361.720	46.75	-4.44	42.31	54.00	-11.69	Avg

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



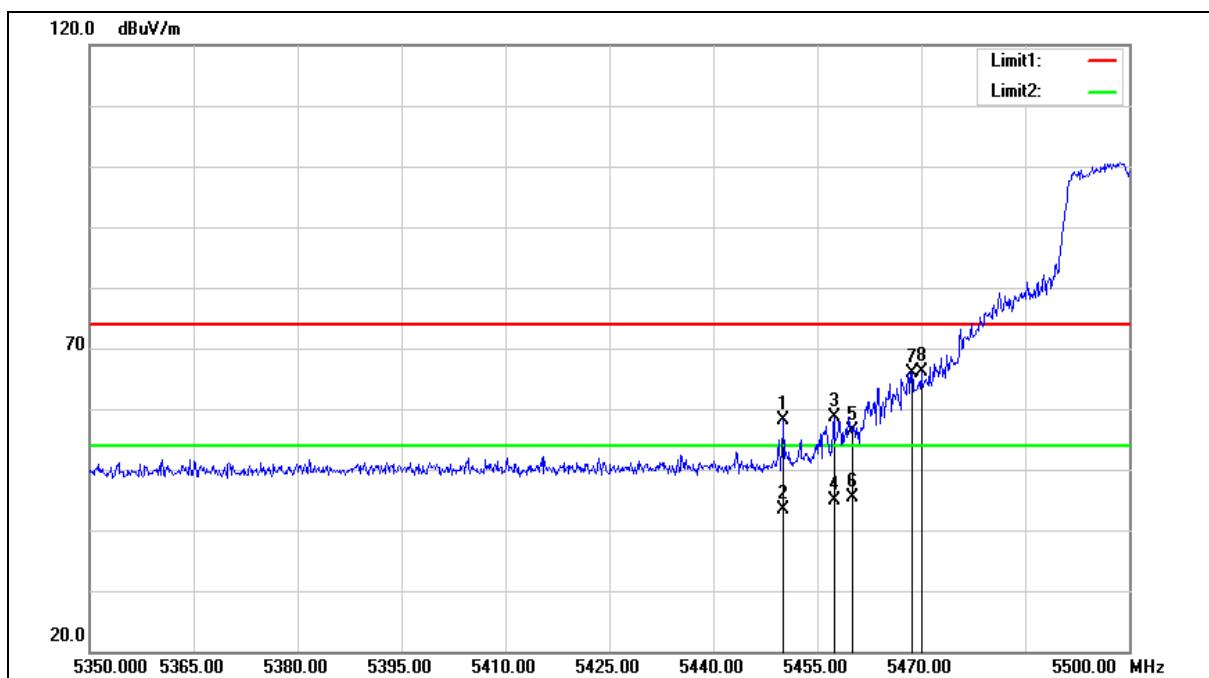
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5367.550	56.36	-4.42	51.94	74.00	-22.06	peak
2	5460.000	55.50	-4.26	51.24	74.00	-22.76	peak
3	5470.000	58.14	-4.26	53.88	68.20	-14.32	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

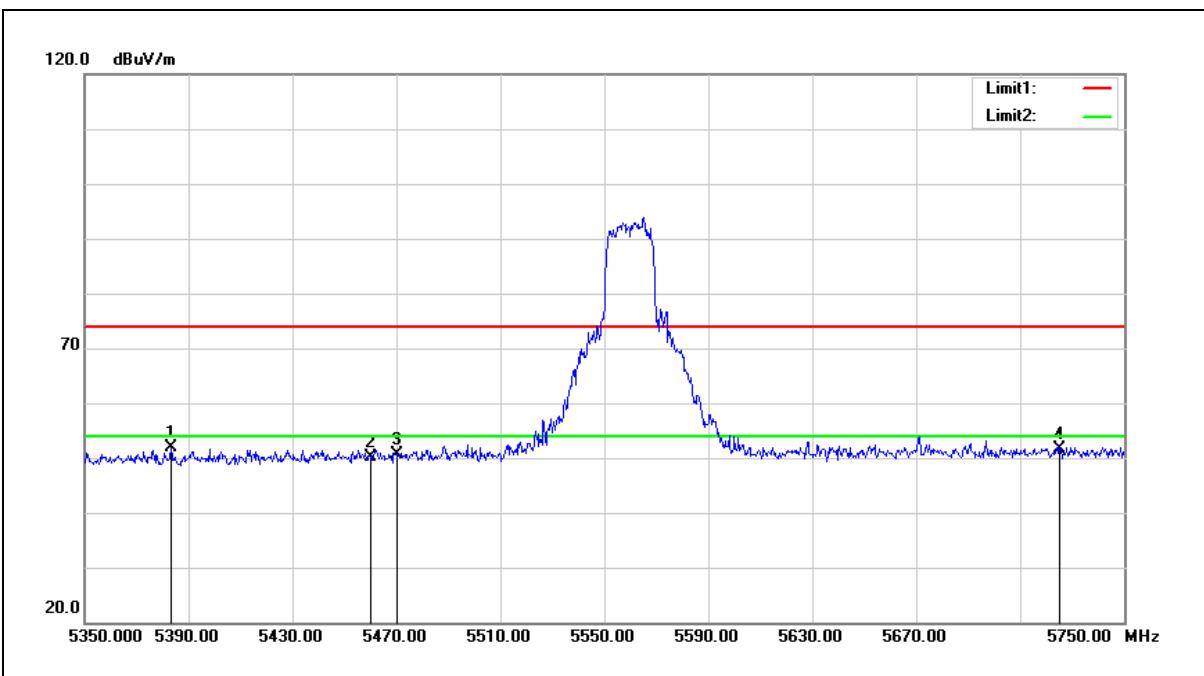
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.050	62.34	-4.28	58.06	74.00	-15.94	peak
2	5450.050	47.54	-4.28	43.26	54.00	-10.74	AVG
3	5457.400	62.82	-4.28	58.54	74.00	-15.46	peak
4	5457.400	49.23	-4.28	44.95	54.00	-9.05	AVG
5	5460.000	60.55	-4.26	56.29	74.00	-17.71	peak
6	5460.000	49.63	-4.26	45.37	54.00	-8.63	AVG
7	5468.650	70.21	-4.26	65.95	68.20	-2.25	peak
8	5470.000	70.28	-4.26	66.02	68.20	-2.18	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



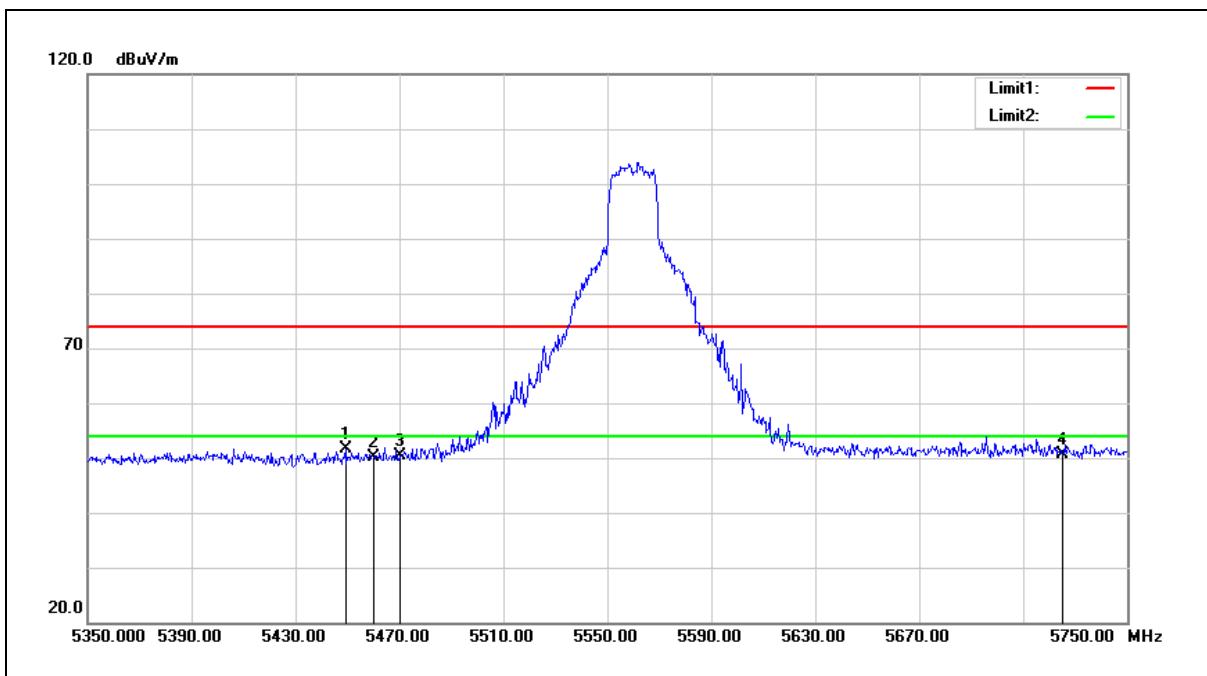
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5383.200	56.32	-4.38	51.94	74.00	-22.06	peak
2	5460.000	54.30	-4.26	50.04	74.00	-23.96	peak
3	5470.000	54.88	-4.26	50.62	68.20	-17.58	peak
4	5725.000	55.30	-3.68	51.62	68.20	-16.58	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



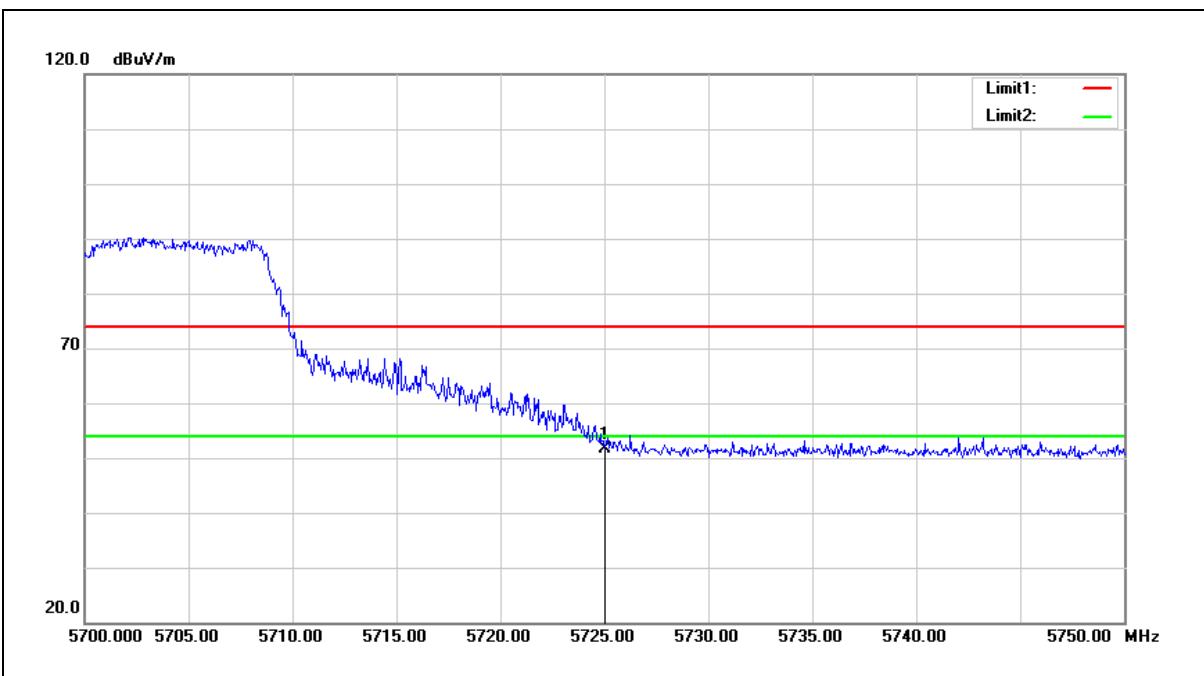
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.200	55.83	-4.28	51.55	74.00	-22.45	peak
2	5460.000	54.31	-4.26	50.05	74.00	-23.95	peak
3	5470.000	54.60	-4.26	50.34	68.20	-17.86	peak
4	5725.000	54.42	-3.68	50.74	68.20	-17.46	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



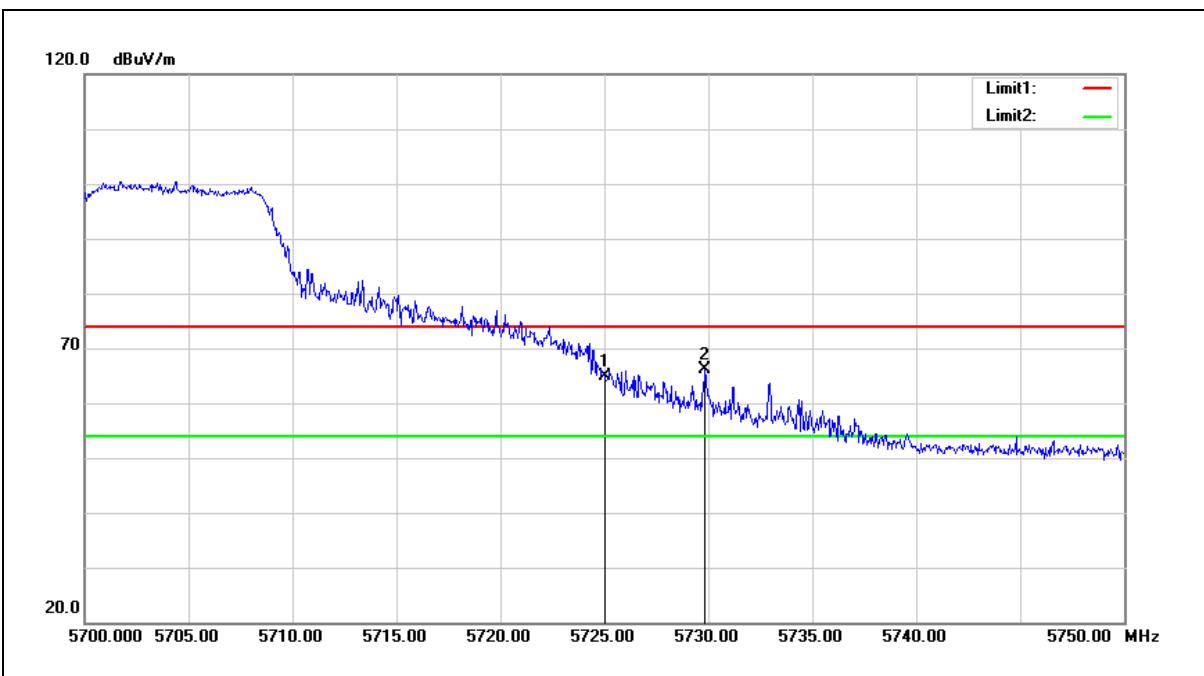
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	55.40	-3.68	51.72	68.20	-16.48	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



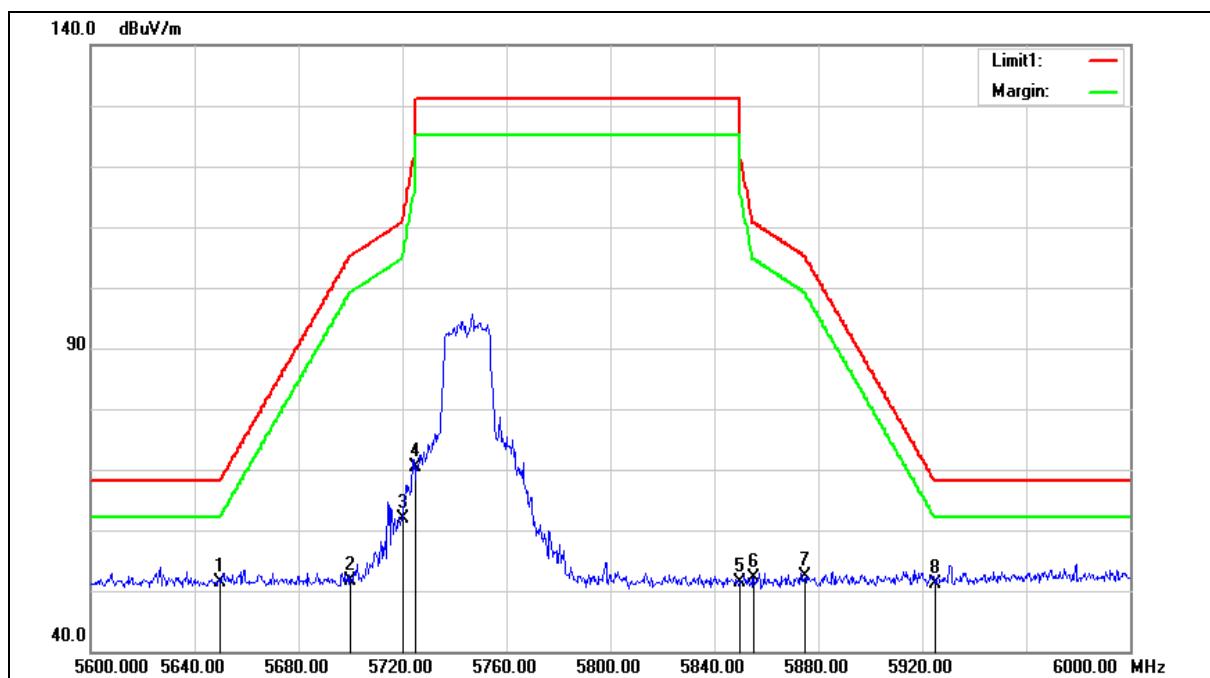
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	68.62	-3.68	64.94	68.20	-3.26	peak
2	5729.850	69.80	-3.67	66.13	68.20	-2.07	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

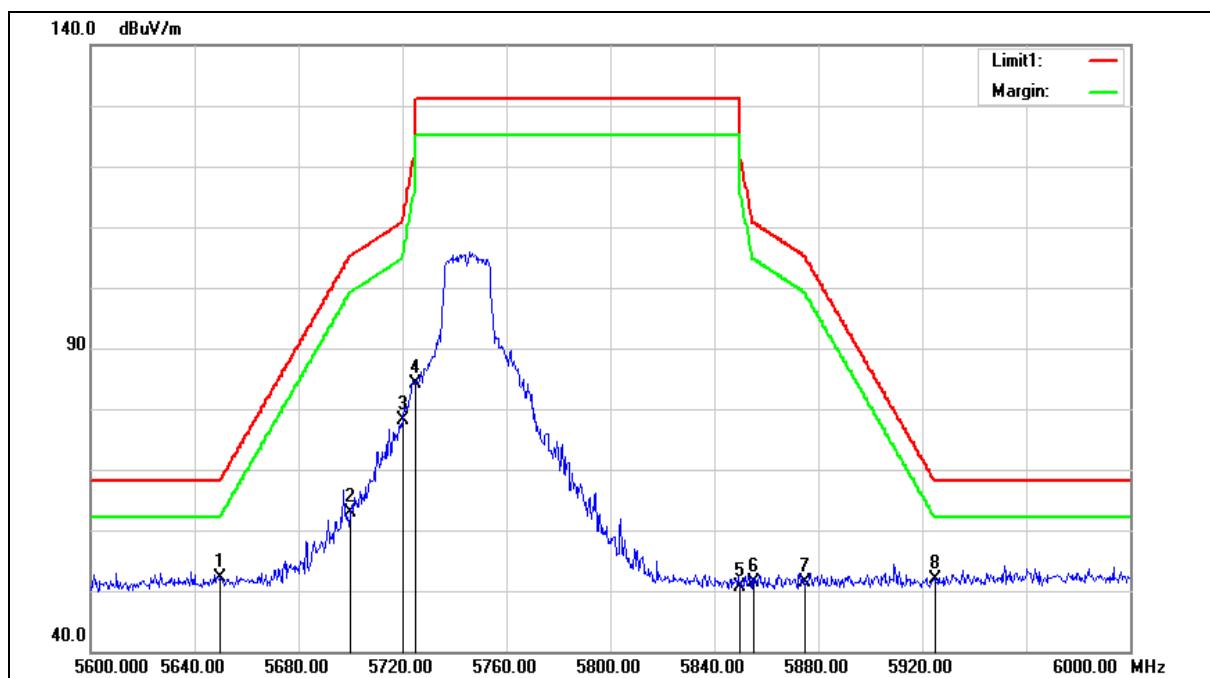
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.18	-3.87	51.31	68.20	-16.89	peak
2	5700.000	55.36	-3.74	51.62	105.20	-53.58	peak
3	5720.000	65.64	-3.70	61.94	110.80	-48.86	peak
4	5725.000	74.04	-3.68	70.36	122.20	-51.84	peak
5	5850.000	54.63	-3.35	51.28	122.20	-70.92	peak
6	5855.000	55.50	-3.34	52.16	110.80	-58.64	peak
7	5875.000	55.62	-3.28	52.34	105.20	-52.86	peak
8	5925.000	54.30	-3.15	51.15	68.20	-17.05	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

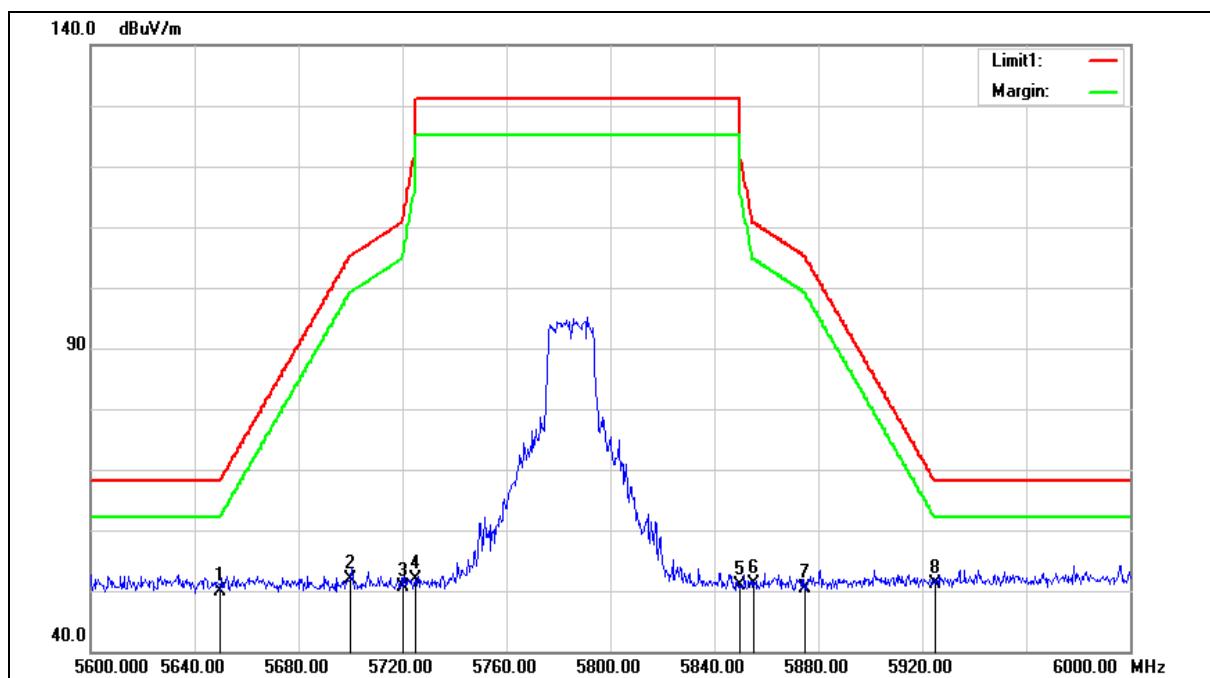
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.90	-3.87	52.03	68.20	-16.17	peak
2	5700.000	66.72	-3.74	62.98	105.20	-42.22	peak
3	5720.000	81.71	-3.70	78.01	110.80	-32.79	peak
4	5725.000	87.92	-3.68	84.24	122.20	-37.96	peak
5	5850.000	54.06	-3.35	50.71	122.20	-71.49	peak
6	5855.000	54.61	-3.34	51.27	110.80	-59.53	peak
7	5875.000	54.59	-3.28	51.31	105.20	-53.89	peak
8	5925.000	54.96	-3.15	51.81	68.20	-16.39	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

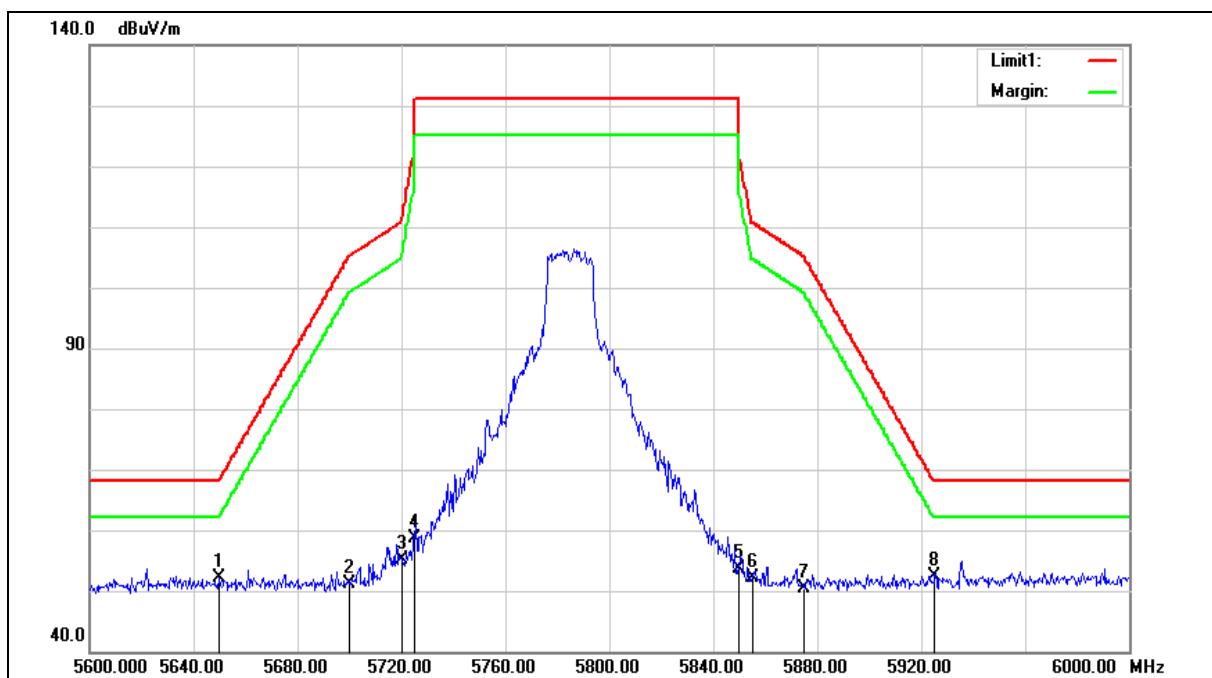
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	53.87	-3.87	50.00	68.20	-18.20	peak
2	5700.000	55.61	-3.74	51.87	105.20	-53.33	peak
3	5720.000	54.29	-3.70	50.59	110.80	-60.21	peak
4	5725.000	55.49	-3.68	51.81	122.20	-70.39	peak
5	5850.000	54.28	-3.35	50.93	122.20	-71.27	peak
6	5855.000	54.43	-3.34	51.09	110.80	-59.71	peak
7	5875.000	53.68	-3.28	50.40	105.20	-54.80	peak
8	5925.000	54.24	-3.15	51.09	68.20	-17.11	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

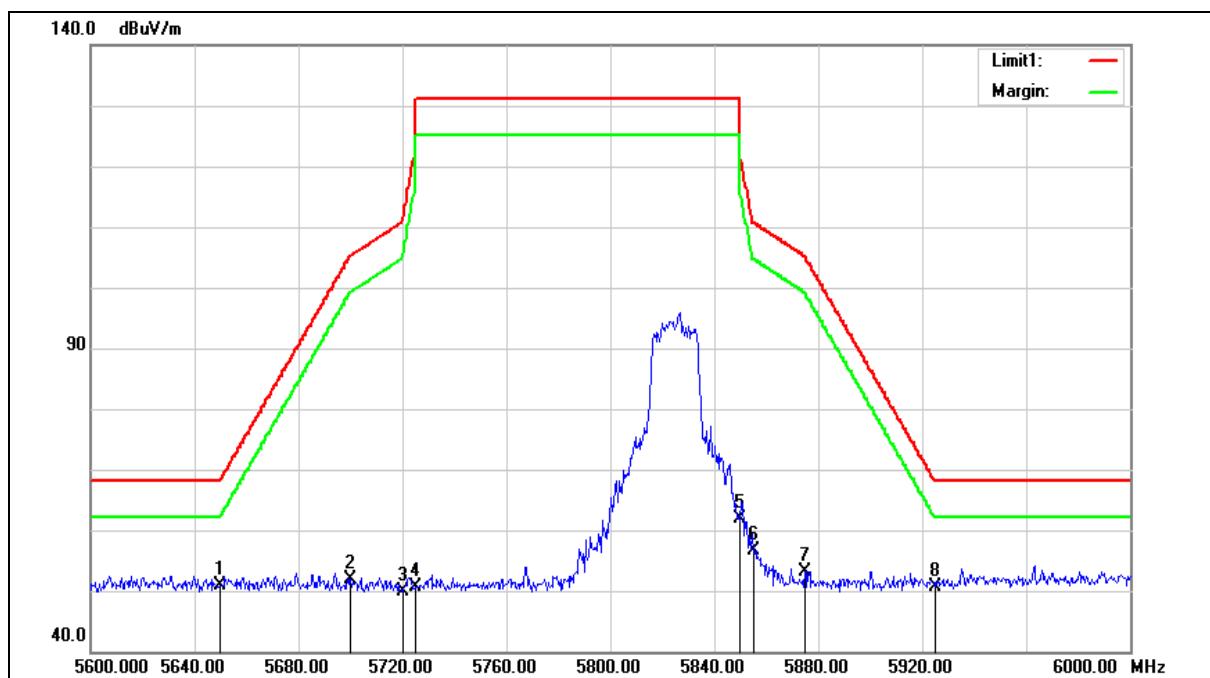
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.89	-3.87	52.02	68.20	-16.18	peak
2	5700.000	54.81	-3.74	51.07	105.20	-54.13	peak
3	5720.000	58.82	-3.70	55.12	110.80	-55.68	peak
4	5725.000	62.21	-3.68	58.53	122.20	-63.67	peak
5	5850.000	57.00	-3.35	53.65	122.20	-68.55	peak
6	5855.000	55.53	-3.34	52.19	110.80	-58.61	peak
7	5875.000	53.76	-3.28	50.48	105.20	-54.72	peak
8	5925.000	55.58	-3.15	52.43	68.20	-15.77	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

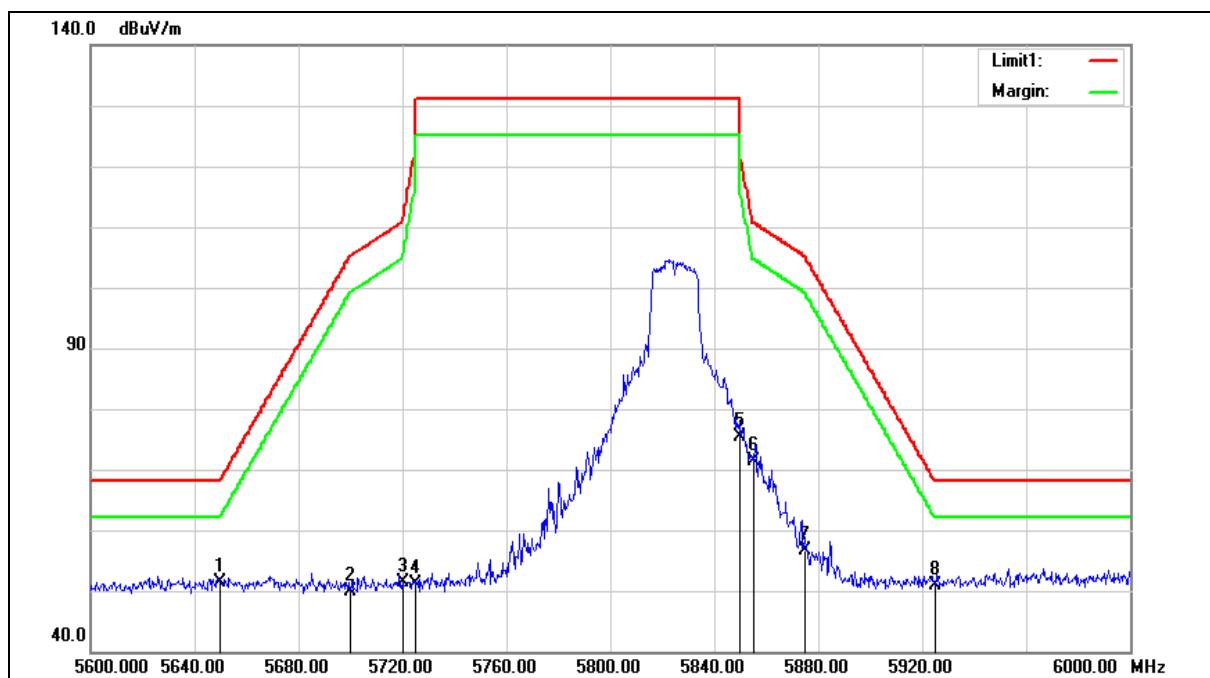
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.65	-3.87	50.78	68.20	-17.42	peak
2	5700.000	55.62	-3.74	51.88	105.20	-53.32	peak
3	5720.000	53.56	-3.70	49.86	110.80	-60.94	peak
4	5725.000	54.30	-3.68	50.62	122.20	-71.58	peak
5	5850.000	65.15	-3.35	61.80	122.20	-60.40	peak
6	5855.000	60.03	-3.34	56.69	110.80	-54.11	peak
7	5875.000	56.35	-3.28	53.07	105.20	-52.13	peak
8	5925.000	53.87	-3.15	50.72	68.20	-17.48	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

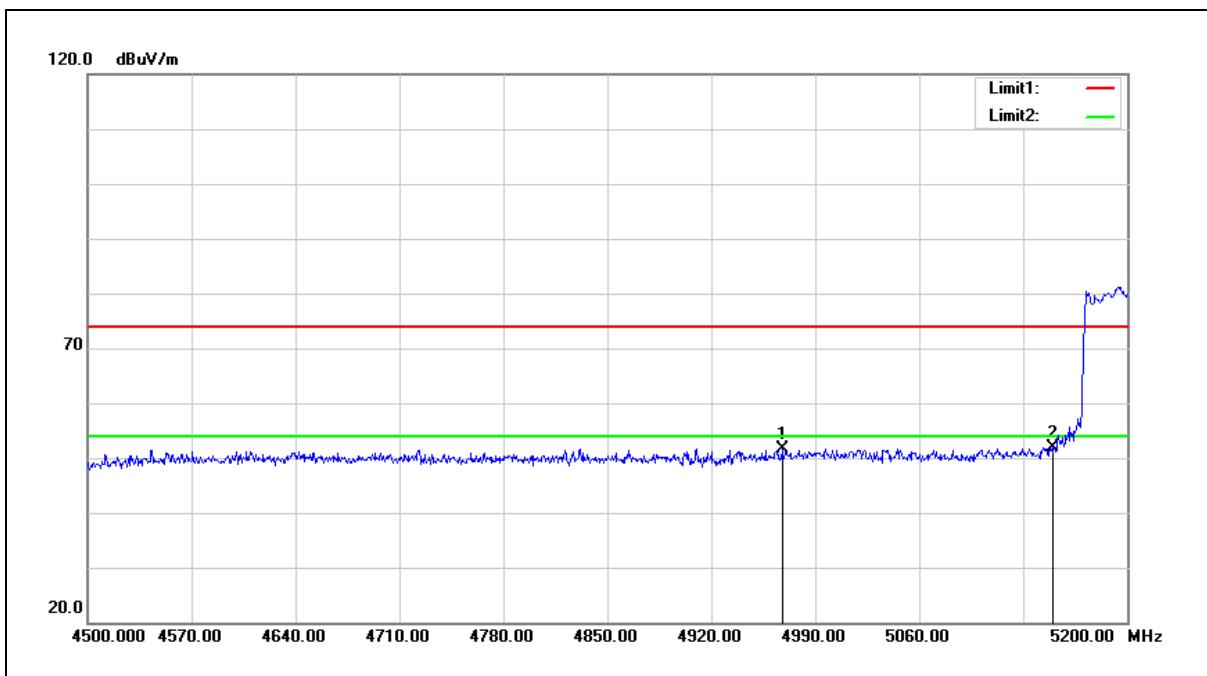
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.17	-3.87	51.30	68.20	-16.90	peak
2	5700.000	53.69	-3.74	49.95	105.20	-55.25	peak
3	5720.000	55.05	-3.70	51.35	110.80	-59.45	peak
4	5725.000	54.76	-3.68	51.08	122.20	-71.12	peak
5	5850.000	78.70	-3.35	75.35	122.20	-46.85	peak
6	5855.000	74.75	-3.34	71.41	110.80	-39.39	peak
7	5875.000	59.95	-3.28	56.67	105.20	-48.53	peak
8	5925.000	54.10	-3.15	50.95	68.20	-17.25	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



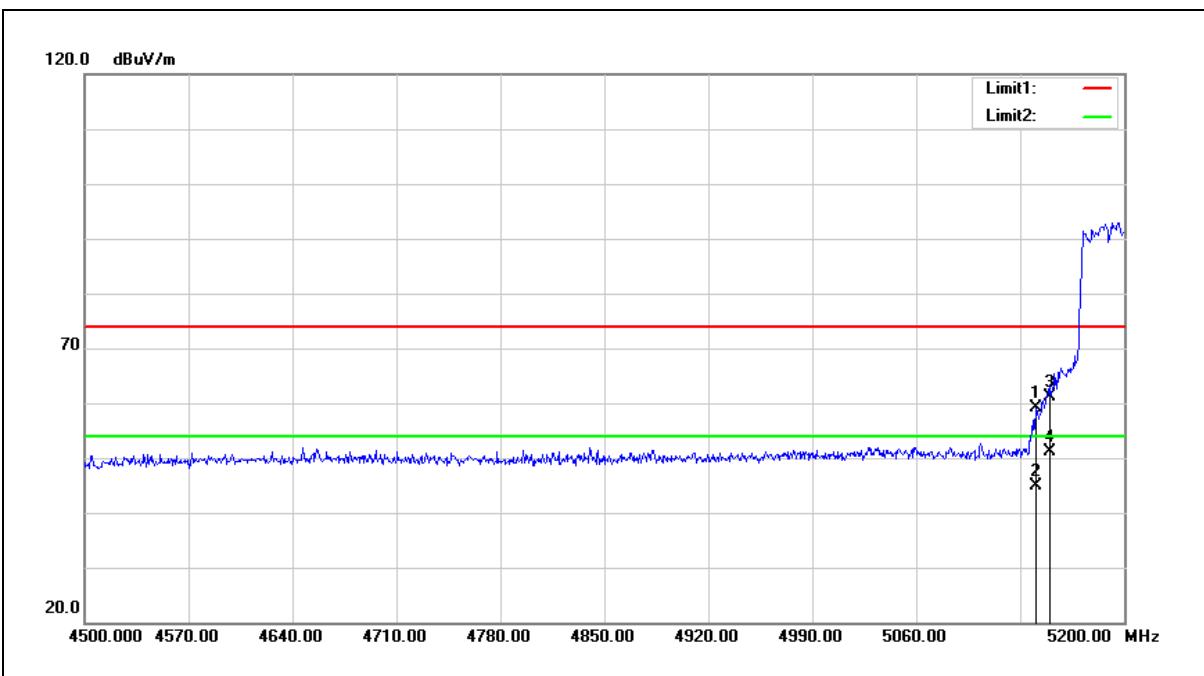
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4967.600	56.92	-5.17	51.75	74.00	-22.25	peak
2	5150.000	56.95	-4.95	52.00	74.00	-22.00	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



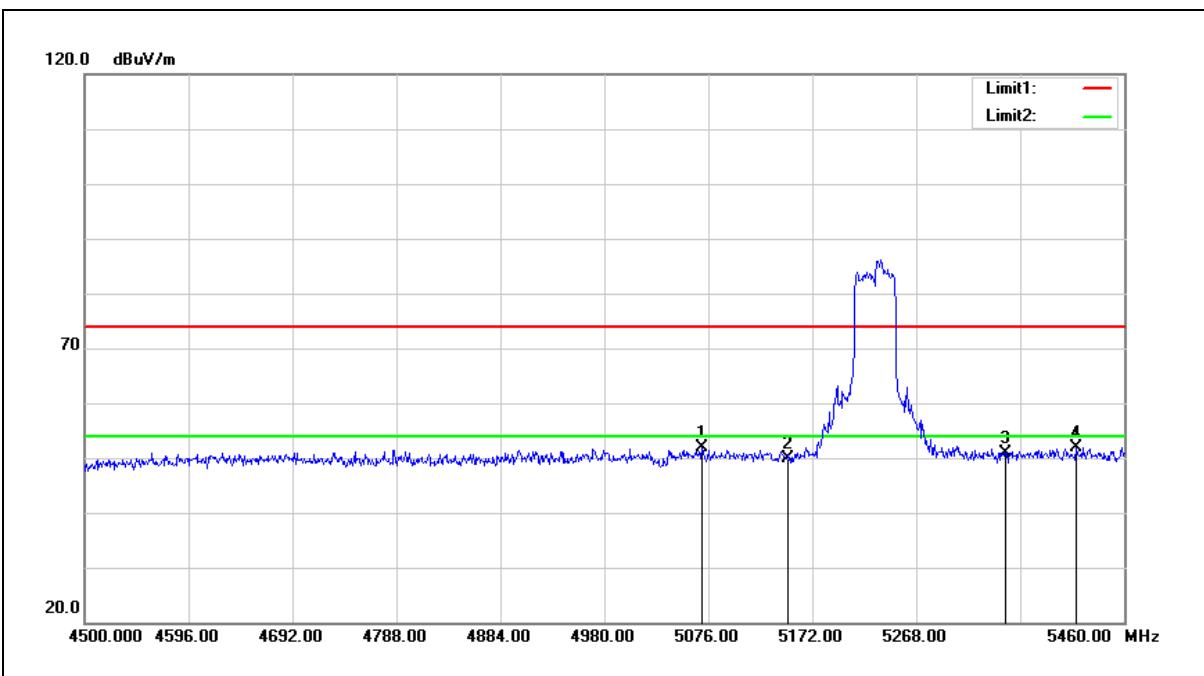
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.500	64.10	-4.97	59.13	74.00	-14.87	peak
2	5140.500	49.95	-4.97	44.98	54.00	-9.02	Avg
3	5150.000	66.12	-4.95	61.17	74.00	-12.83	peak
4	5150.000	55.98	-4.95	51.03	54.00	-2.97	Avg

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



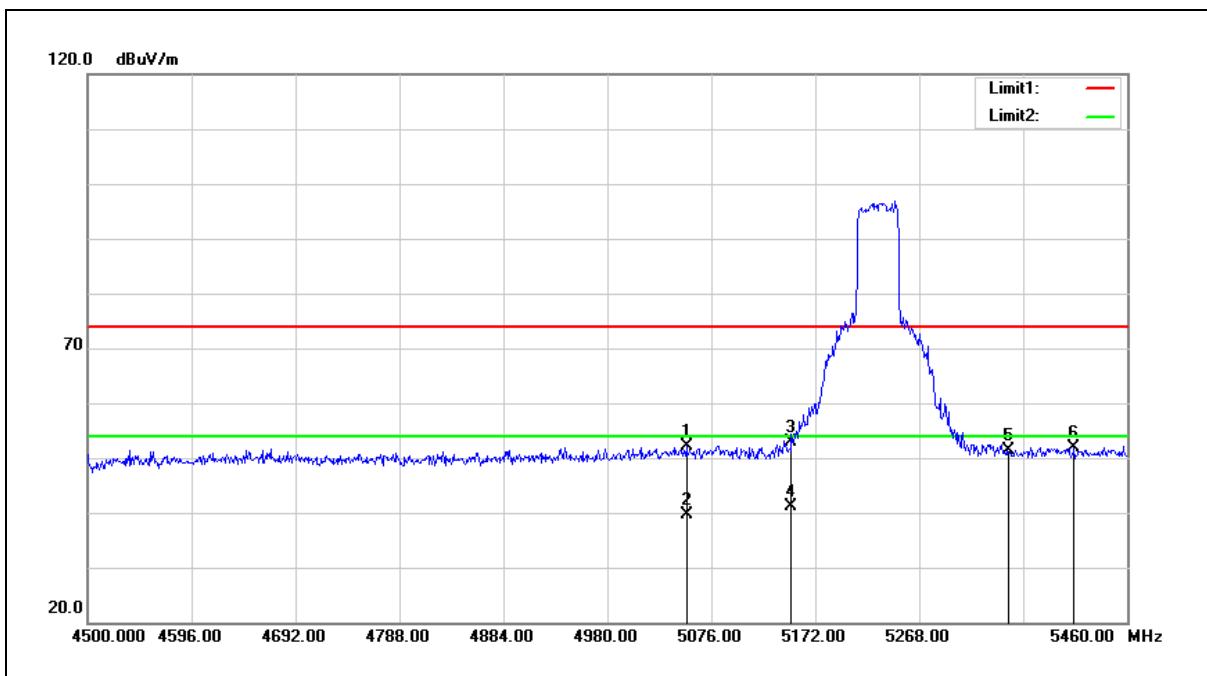
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5070.240	56.85	-5.08	51.77	74.00	-22.23	peak
2	5150.000	54.82	-4.95	49.87	74.00	-24.13	peak
3	5350.000	55.36	-4.47	50.89	74.00	-23.11	peak
4	5415.840	56.23	-4.32	51.91	74.00	-22.09	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



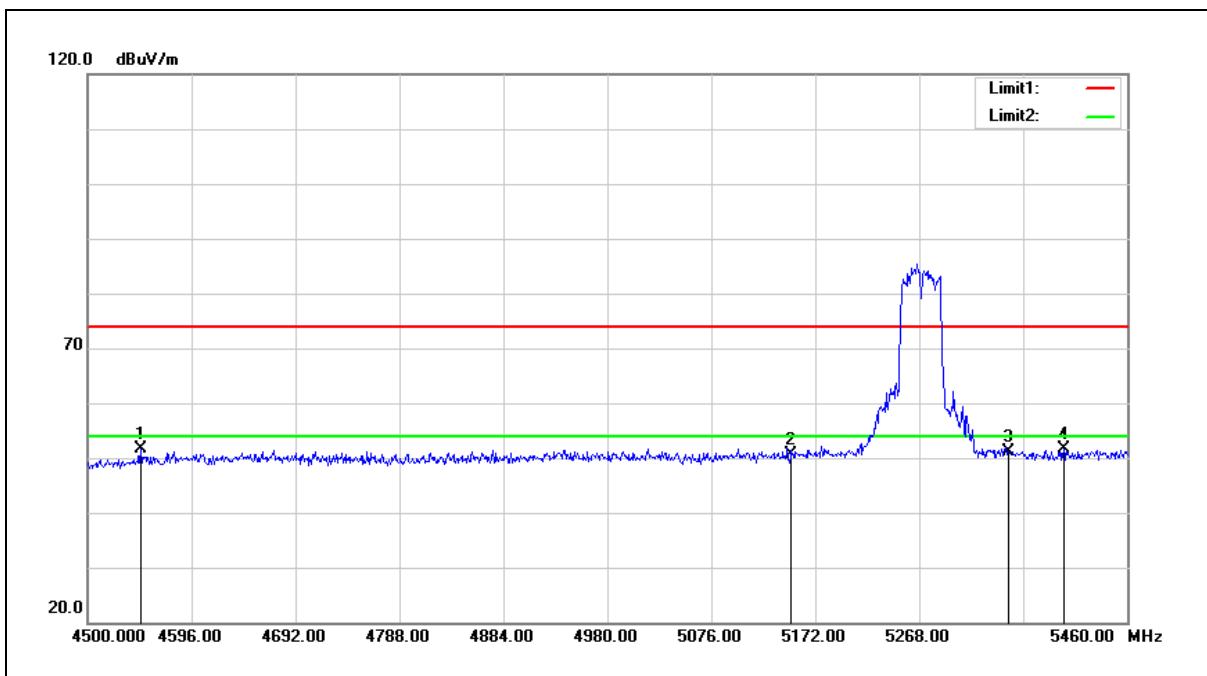
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5052.960	57.25	-5.11	52.14	74.00	-21.86	peak
2	5052.960	44.79	-5.11	39.68	54.00	-14.32	Avg
3	5150.000	57.93	-4.95	52.98	74.00	-21.02	peak
4	5150.000	46.05	-4.95	41.10	54.00	-12.90	Avg
5	5350.000	55.84	-4.47	51.37	74.00	-22.63	peak
6	5411.040	56.12	-4.32	51.80	74.00	-22.20	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



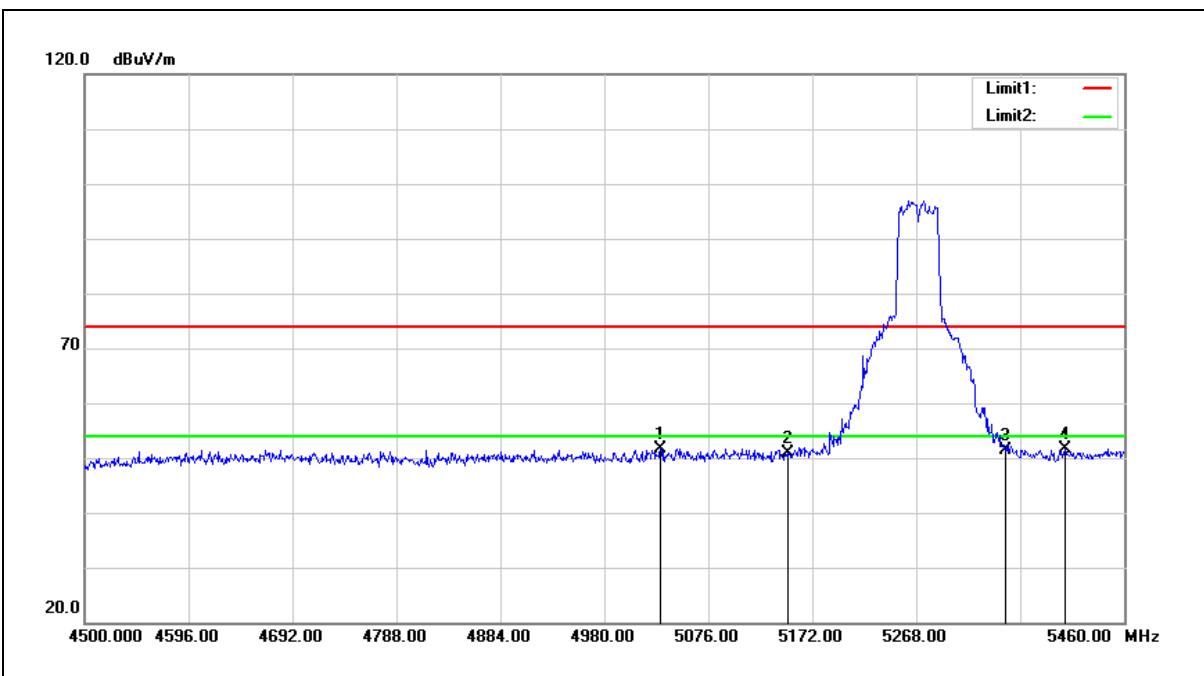
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4548.960	56.82	-5.14	51.68	74.00	-22.32	peak
2	5150.000	55.58	-4.95	50.63	74.00	-23.37	peak
3	5350.000	55.63	-4.47	51.16	74.00	-22.84	peak
4	5401.440	55.89	-4.34	51.55	74.00	-22.45	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



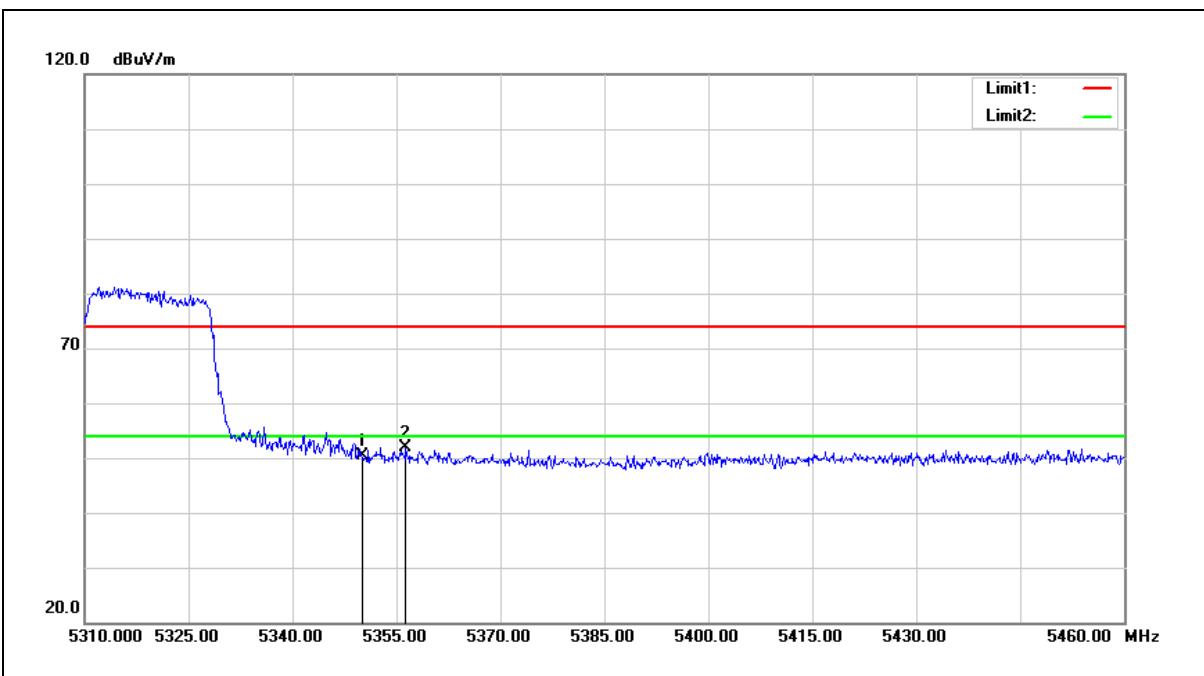
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5031.840	56.89	-5.14	51.75	74.00	-22.25	peak
2	5150.000	55.80	-4.95	50.85	74.00	-23.15	peak
3	5350.000	55.84	-4.47	51.37	74.00	-22.63	peak
4	5405.280	55.96	-4.34	51.62	74.00	-22.38	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



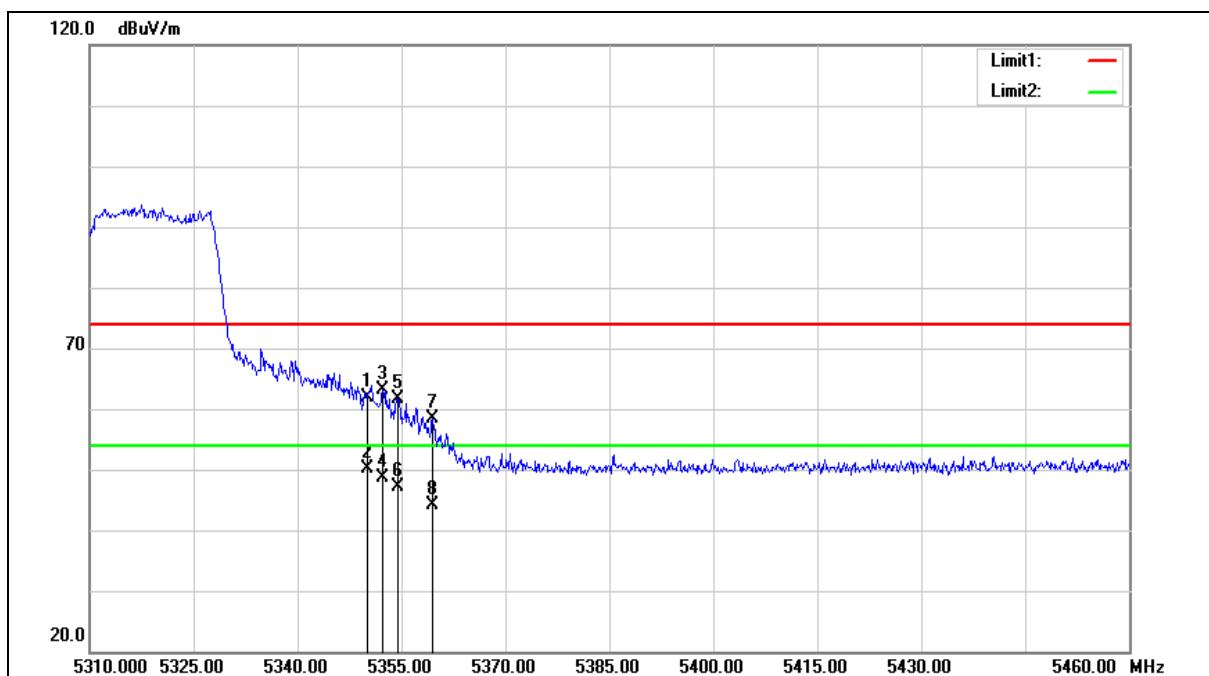
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	54.80	-4.47	50.33	74.00	-23.67	peak
2	5356.350	56.41	-4.46	51.95	74.00	-22.05	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

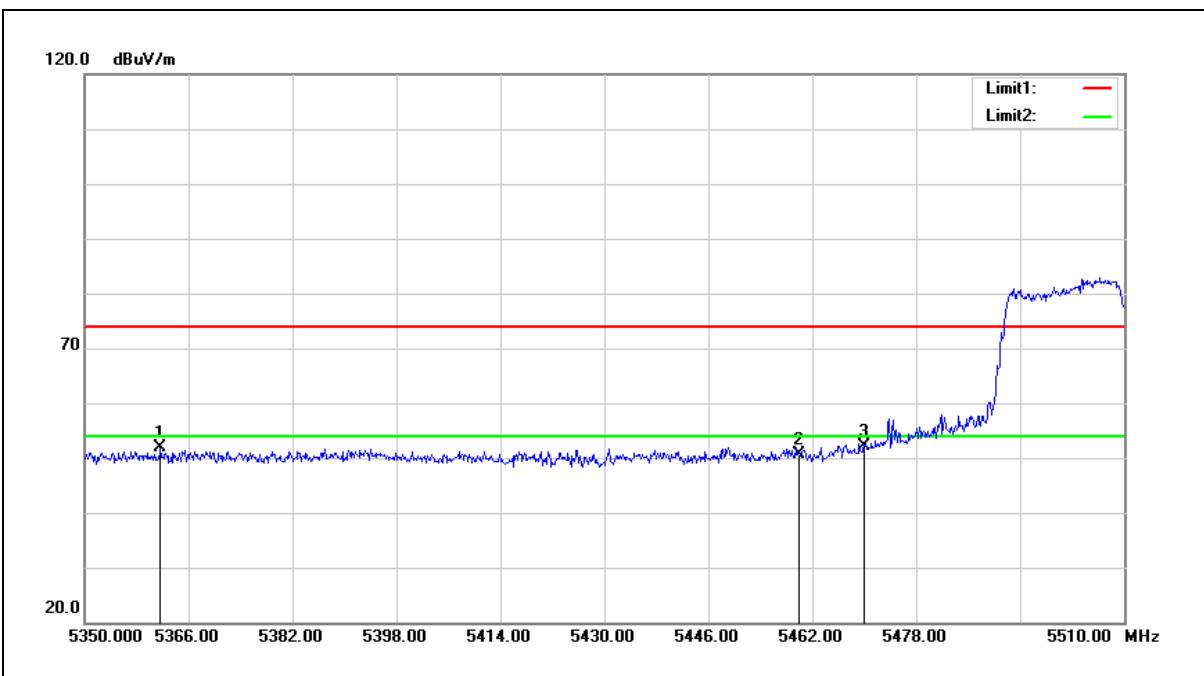
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	66.36	-4.47	61.89	74.00	-12.11	peak
2	5350.000	54.64	-4.47	50.17	54.00	-3.83	AVG
3	5352.300	67.62	-4.47	63.15	74.00	-10.85	peak
4	5352.300	53.20	-4.47	48.73	54.00	-5.27	AVG
5	5354.550	66.11	-4.46	61.65	74.00	-12.35	peak
6	5354.550	51.61	-4.46	47.15	54.00	-6.85	AVG
7	5359.500	62.85	-4.44	58.41	74.00	-15.59	peak
8	5359.500	48.64	-4.44	44.20	54.00	-9.80	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



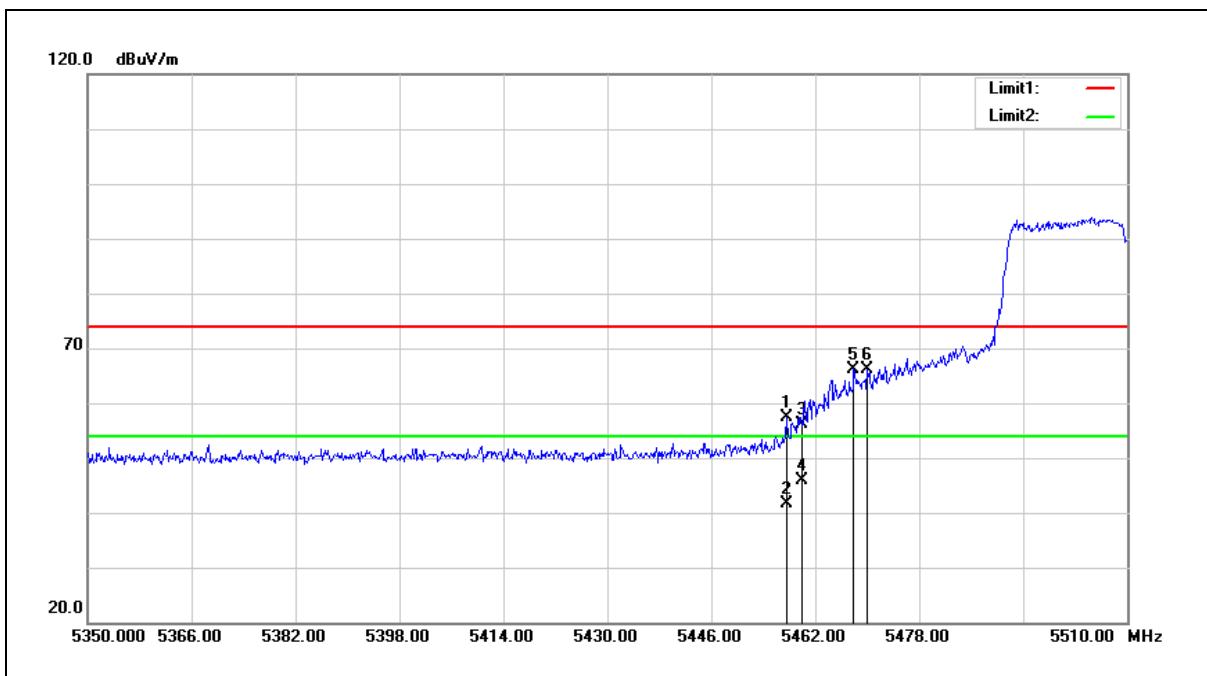
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5361.680	56.35	-4.44	51.91	74.00	-22.09	peak
2	5460.000	54.78	-4.26	50.52	74.00	-23.48	peak
3	5470.000	56.44	-4.26	52.18	68.20	-16.02	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



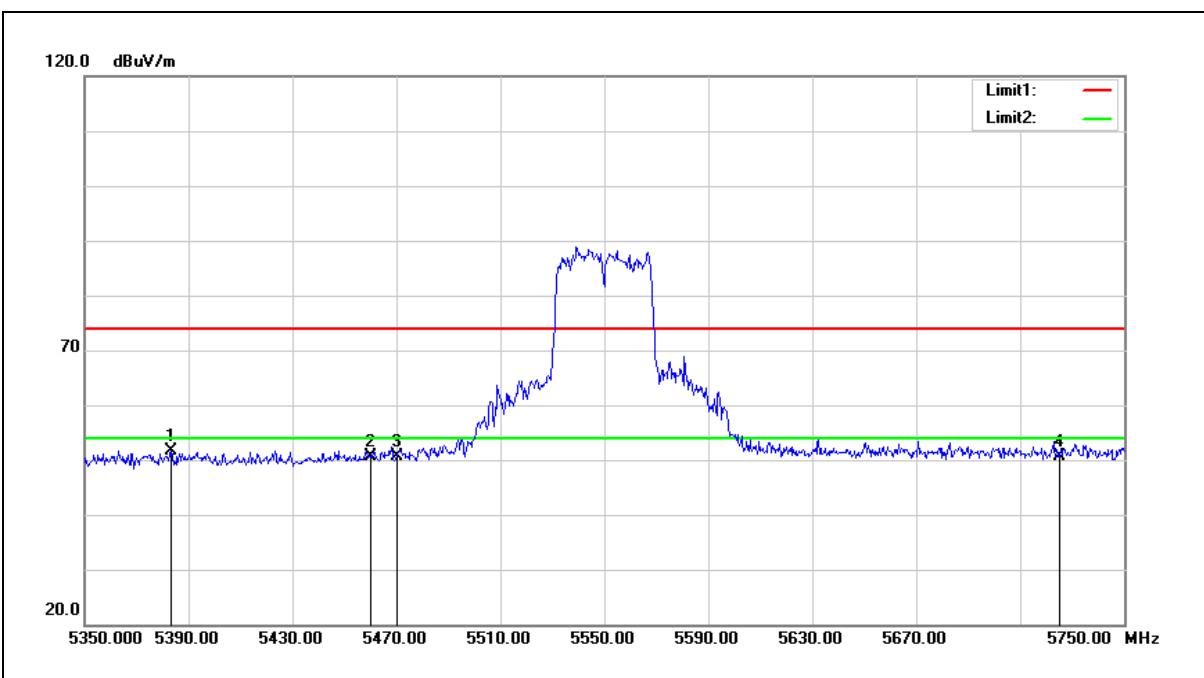
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.520	61.57	-4.28	57.29	74.00	-16.71	peak
2	5457.520	45.83	-4.28	41.55	54.00	-12.45	Avg
3	5460.000	60.35	-4.26	56.09	74.00	-17.91	peak
4	5460.000	50.13	-4.26	45.87	54.00	-8.13	Avg
5	5467.920	70.43	-4.26	66.17	68.20	-2.03	peak
6	5470.000	70.28	-4.26	66.02	68.20	-2.18	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



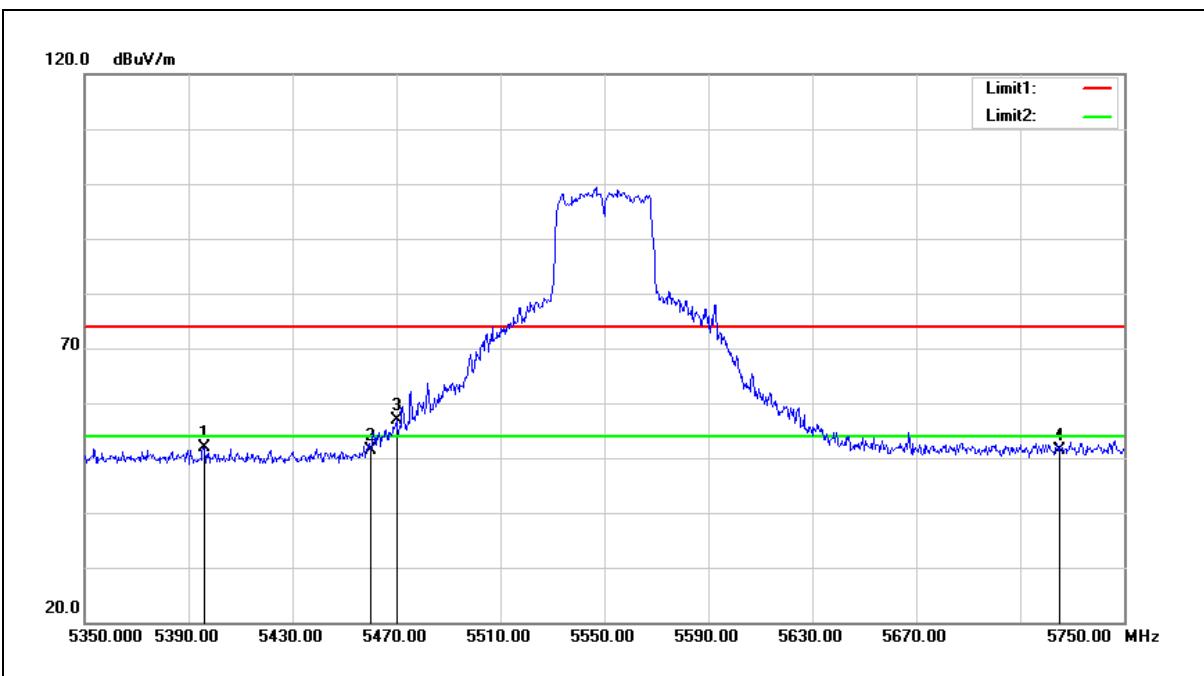
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5383.200	56.05	-4.38	51.67	74.00	-22.33	peak
2	5460.000	54.81	-4.26	50.55	74.00	-23.45	peak
3	5470.000	54.99	-4.26	50.73	68.20	-17.47	peak
4	5725.000	54.35	-3.68	50.67	68.20	-17.53	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



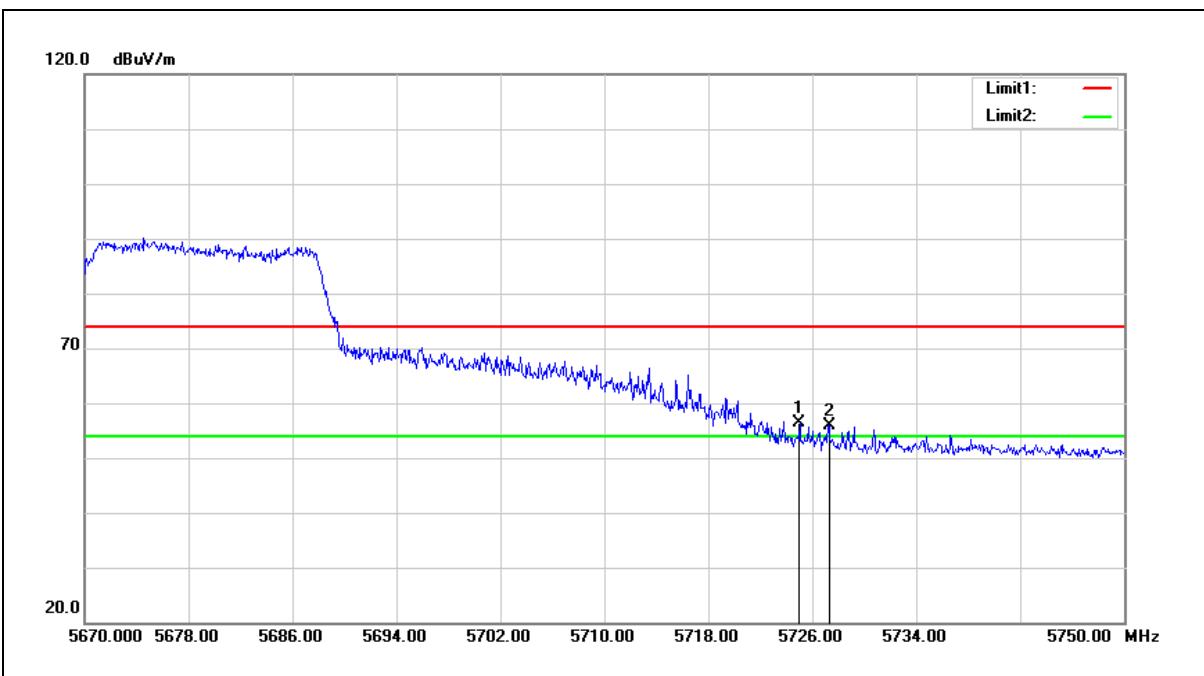
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5396.000	56.31	-4.35	51.96	74.00	-22.04	peak
2	5460.000	55.71	-4.26	51.45	74.00	-22.55	peak
3	5470.000	61.13	-4.26	56.87	68.20	-11.33	peak
4	5725.000	55.16	-3.68	51.48	68.20	-16.72	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



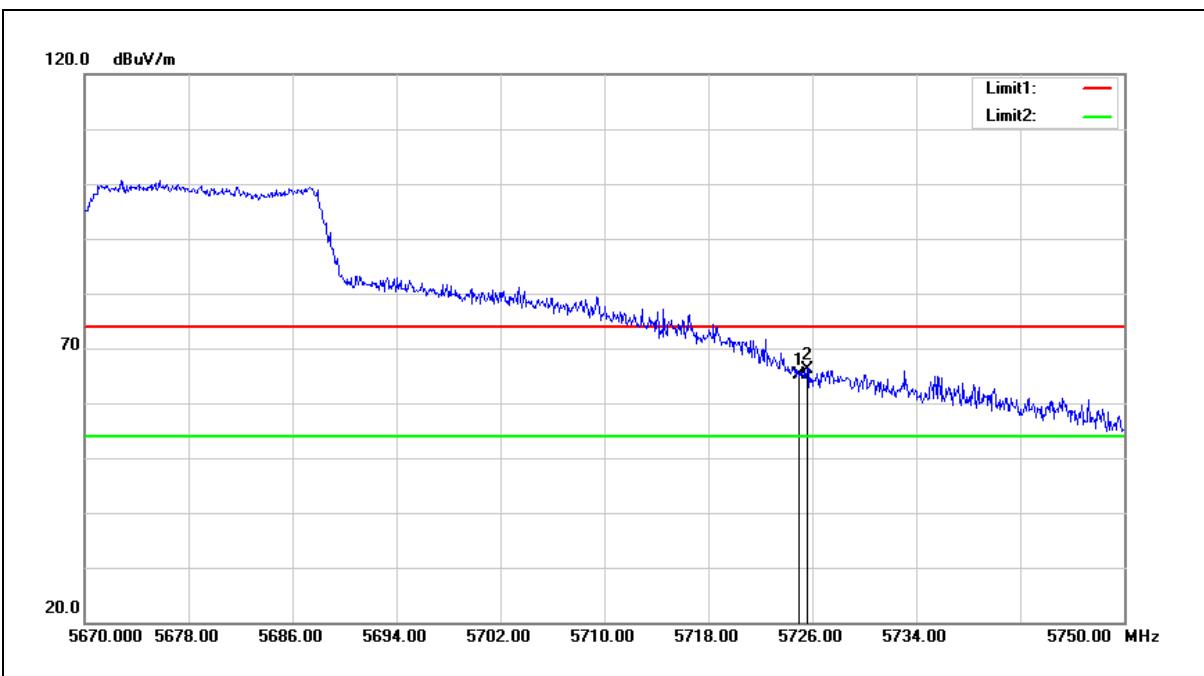
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	60.08	-3.68	56.40	68.20	-11.80	peak
2	5727.280	59.55	-3.68	55.87	68.20	-12.33	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



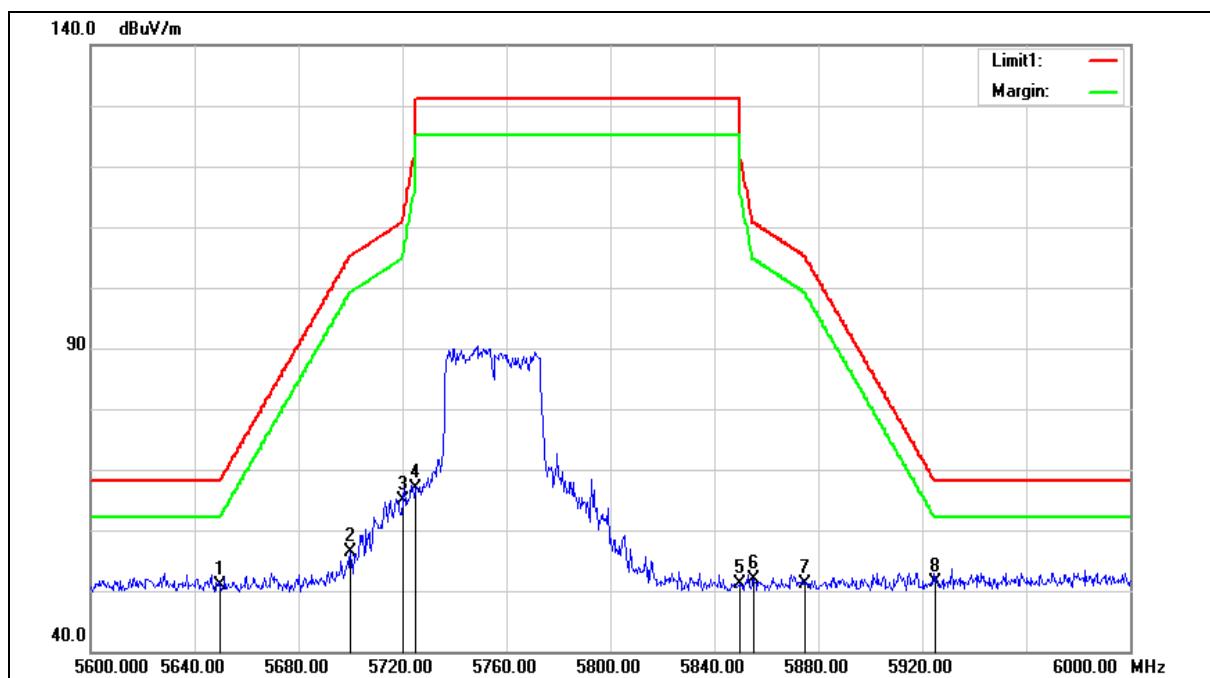
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5675.000	68.88	-3.68	65.20	68.20	-3.00	peak
2	5725.600	69.82	-3.68	66.14	68.20	-2.06	peak

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correct factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

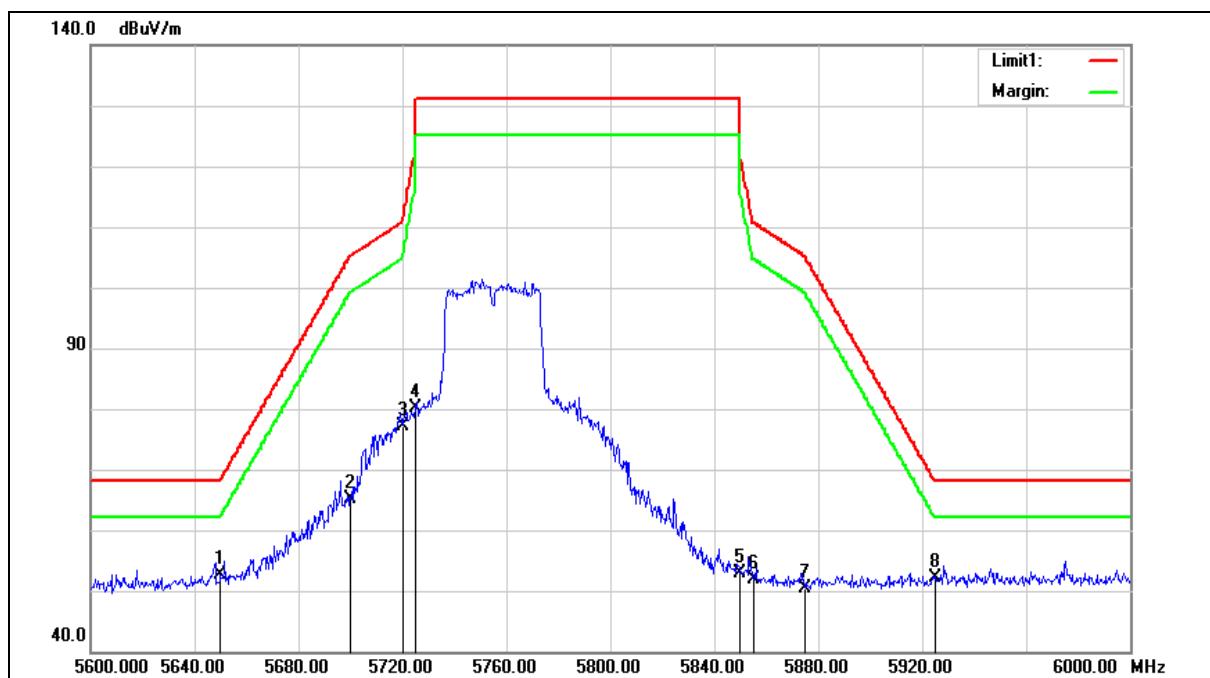
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.74	-3.87	50.87	68.20	-17.33	peak
2	5700.000	60.23	-3.74	56.49	105.20	-48.71	peak
3	5720.000	68.53	-3.70	64.83	110.80	-45.97	peak
4	5725.000	70.64	-3.68	66.96	122.20	-55.24	peak
5	5850.000	54.49	-3.35	51.14	122.20	-71.06	peak
6	5855.000	55.33	-3.34	51.99	110.80	-58.81	peak
7	5875.000	54.47	-3.28	51.19	105.20	-54.01	peak
8	5925.000	54.60	-3.15	51.45	68.20	-16.75	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

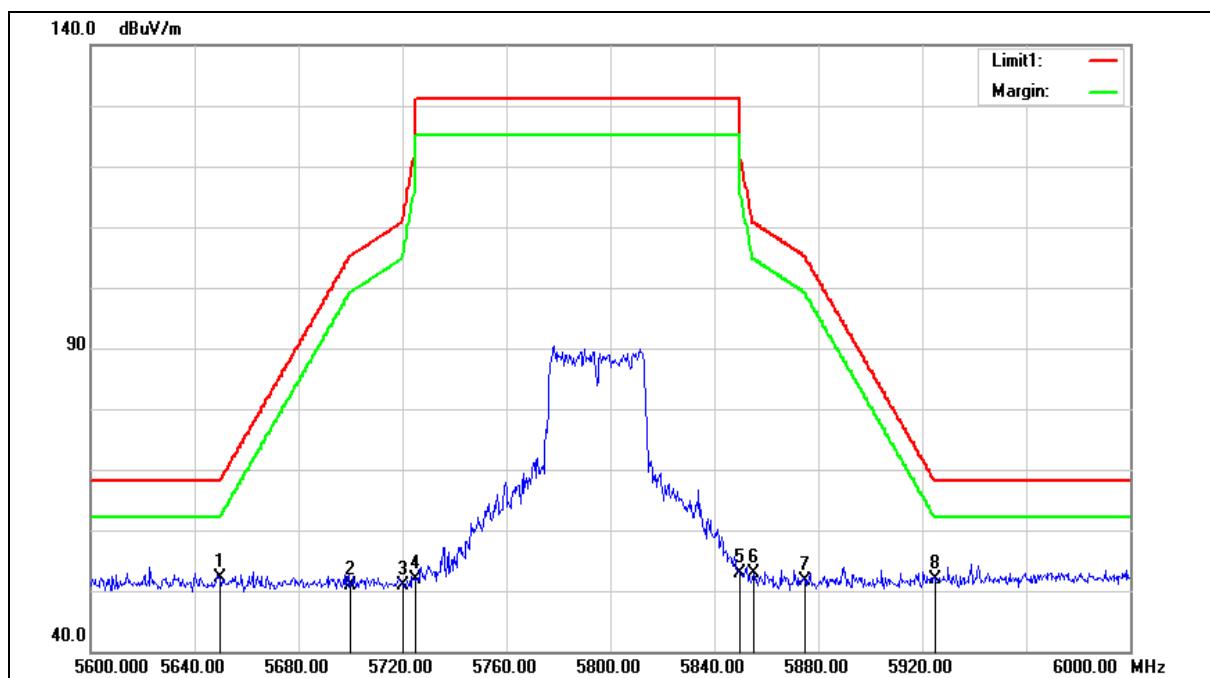
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	56.41	-3.87	52.54	68.20	-15.66	peak
2	5700.000	68.77	-3.74	65.03	105.20	-40.17	peak
3	5720.000	80.95	-3.70	77.25	110.80	-33.55	peak
4	5725.000	83.90	-3.68	80.22	122.20	-41.98	peak
5	5850.000	56.19	-3.35	52.84	122.20	-69.36	peak
6	5855.000	55.16	-3.34	51.82	110.80	-58.98	peak
7	5875.000	53.78	-3.28	50.50	105.20	-54.70	peak
8	5925.000	55.40	-3.15	52.25	68.20	-15.95	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

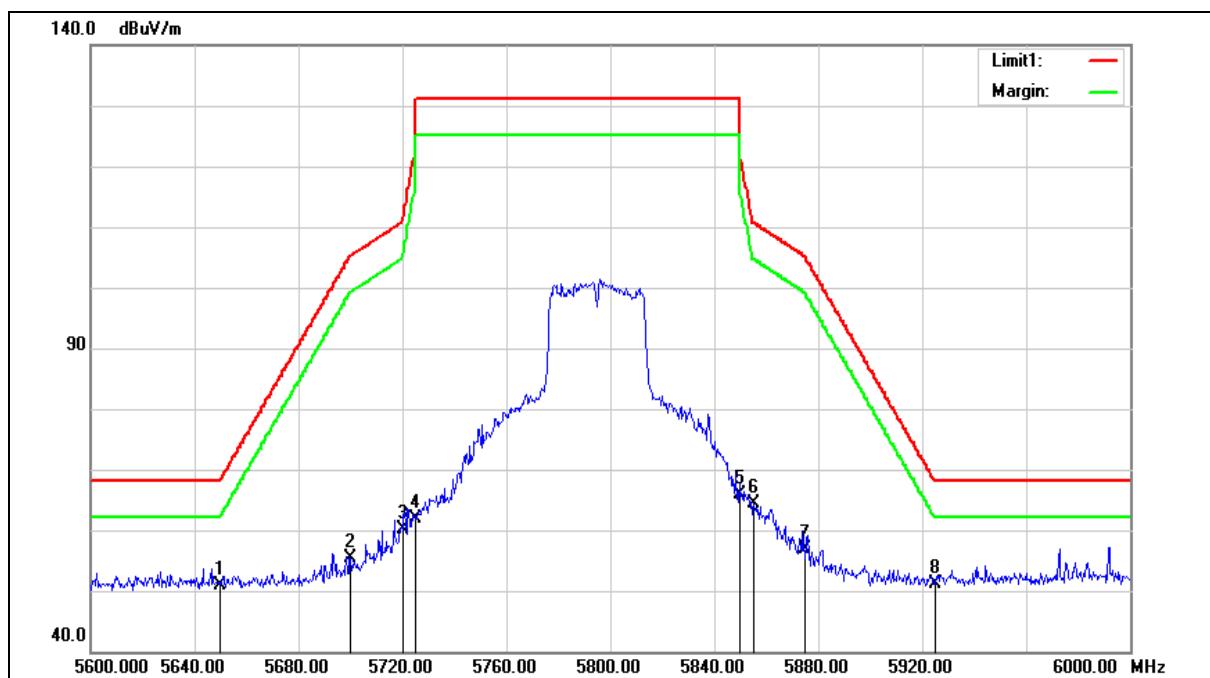
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	56.08	-3.87	52.21	68.20	-15.99	peak
2	5700.000	54.71	-3.74	50.97	105.20	-54.23	peak
3	5720.000	54.65	-3.70	50.95	110.80	-59.85	peak
4	5725.000	55.54	-3.68	51.86	122.20	-70.34	peak
5	5850.000	56.22	-3.35	52.87	122.20	-69.33	peak
6	5855.000	56.20	-3.34	52.86	110.80	-57.94	peak
7	5875.000	54.83	-3.28	51.55	105.20	-53.65	peak
8	5925.000	55.10	-3.15	51.95	68.20	-16.25	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	DC 3.3 V
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.87	-3.87	51.00	68.20	-17.20	peak
2	5700.000	59.14	-3.74	55.40	105.20	-49.80	peak
3	5720.000	63.72	-3.70	60.02	110.80	-50.78	peak
4	5725.000	65.51	-3.68	61.83	122.20	-60.37	peak
5	5850.000	69.35	-3.35	66.00	122.20	-56.20	peak
6	5855.000	67.79	-3.34	64.45	110.80	-46.35	peak
7	5875.000	60.08	-3.28	56.80	105.20	-48.40	peak
8	5925.000	54.39	-3.15	51.24	68.20	-16.96	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Annex B. Conducted Test Results

Power setting 1_Antenna Type: PCB Trace Antenna

Maximum Conducted Output Power Measurement

Test Mode	Date Rate	Channel	Frequency (MHz)	RF power setting in Test Software	Test Software Version
Mode 2	6 M	36	5180.0	15	FCC Test App
		40	5200.0	22	
		44	5220.0	22	
		48	5240.0	22	
		52	5260.0	22	
		56	5280.0	22	
		60	5300.0	22	
		64	5320.0	22	
		100	5500.0	16	
		104	5520.0	22	
		108	5540.0	22	
		112	5560.0	22	
		116	5580.0	22	
		132	5660.0	22	
		136	5680.0	22	
		140	5700.0	16	
		149	5745.0	22	
		153	5765.0	22	
		157	5785.0	22	
		161	5805.0	22	
		165	5825.0	22	
Mode 3	6.5 M	36	5180.0	14	
		40	5200.0	22	
		44	5220.0	22	
		48	5240.0	22	
		52	5260.0	22	
		56	5280.0	22	
		60	5300.0	22	
		64	5320.0	21	
		100	5500.0	14	
		104	5520.0	22	
		108	5540.0	22	
		112	5560.0	22	
		116	5580.0	22	
		132	5660.0	22	
		136	5680.0	22	
		140	5700.0	14	
		149	5745.0	22	
		153	5765.0	22	
		157	5785.0	22	
		161	5805.0	22	
		165	5825.0	22	

Test Mode	Date Rate	Channel	Frequency (MHz)	RF power setting in Test Software	Test Software Version
Mode 4	13.5 M	38	5190.0	9	FCC Test App
		46	5230.0	22	
		54	5270.0	22	
		62	5310.0	10	
		102	5510.0	10	
		110	5550.0	22	
		134	5670.0	22	
		151	5755.0	22	
		159	5795.0	22	

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	6 M	11.46	0.014	≤ 24
5200		11.83	0.015	
5220		11.63	0.015	
5240		11.55	0.014	
5260		11.63	0.015	
5280		11.36	0.014	
5300		11.08	0.013	
5320		10.82	0.012	
5500		12.42	0.017	
5520		12.84	0.019	
5540		13.19	0.021	
5560		13.48	0.022	
5580		13.60	0.023	
5660		14.16	0.026	
5680		14.24	0.027	
5700		13.41	0.022	
5745		14.34	0.027	≤ 30
5765		14.38	0.027	
5785		14.55	0.029	
5805		14.59	0.029	
5825		14.61	0.029	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	54 M	11.41	0.014	≤ 24
5200		11.81	0.015	
5220		11.59	0.014	
5240		11.50	0.014	
5260		11.60	0.014	
5280		11.31	0.014	
5300		11.05	0.013	
5320		10.76	0.012	
5500		12.38	0.017	
5520		12.81	0.019	
5540		13.15	0.021	
5560		13.42	0.022	
5580		13.55	0.023	
5660		14.12	0.026	≤ 30
5680		14.20	0.026	
5700		13.38	0.022	
5745		14.01	0.025	
5765		14.35	0.027	
5785		14.51	0.028	
5805		14.55	0.029	
5825		14.59	0.029	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	6.5 M	11.30	0.013	≤ 24
5200		12.00	0.016	
5220		11.87	0.015	
5240		11.75	0.015	
5260		12.16	0.016	
5280		12.75	0.019	
5300		11.89	0.015	
5320		11.10	0.013	
5500		10.89	0.012	
5520		13.10	0.020	
5540		13.48	0.022	
5560		13.86	0.024	
5580		13.83	0.024	
5660		14.34	0.027	
5680		14.38	0.027	
5700		13.63	0.023	≤ 30
5745		14.38	0.027	
5765		14.57	0.029	
5785		14.56	0.029	
5805		14.64	0.029	
5825		14.68	0.029	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	72.2 M	11.25	0.013	≤ 24
5200		11.98	0.016	
5220		11.85	0.015	
5240		11.70	0.015	
5260		12.12	0.016	
5280		12.71	0.019	
5300		11.84	0.015	
5320		11.05	0.013	
5500		10.86	0.012	
5520		13.07	0.020	
5540		13.45	0.022	
5560		13.83	0.024	
5580		13.80	0.024	
5660		14.31	0.027	
5680		14.35	0.027	
5700		13.60	0.023	≤ 30
5745		14.35	0.027	
5765		14.54	0.028	
5785		14.53	0.028	
5805		14.61	0.029	
5825		14.65	0.029	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5190	13.5 M	6.19	0.004	≤ 24
5230		9.88	0.010	
5270		9.40	0.009	
5310		5.36	0.003	
5510		7.57	0.006	
5550		11.67	0.015	
5670		12.54	0.018	
5755		12.50	0.018	≤ 30
5795		12.67	0.018	
5190	150 M	6.15	0.004	≤ 24
5230		9.85	0.010	
5270		9.37	0.009	
5310		5.32	0.003	
5510		7.54	0.006	
5550		11.64	0.015	
5670		12.51	0.018	
5755		12.46	0.018	≤ 30
5795		12.64	0.018	

Note: The relevant measured result has the offset with cable loss already.

26 dB RF Bandwidth Measurement

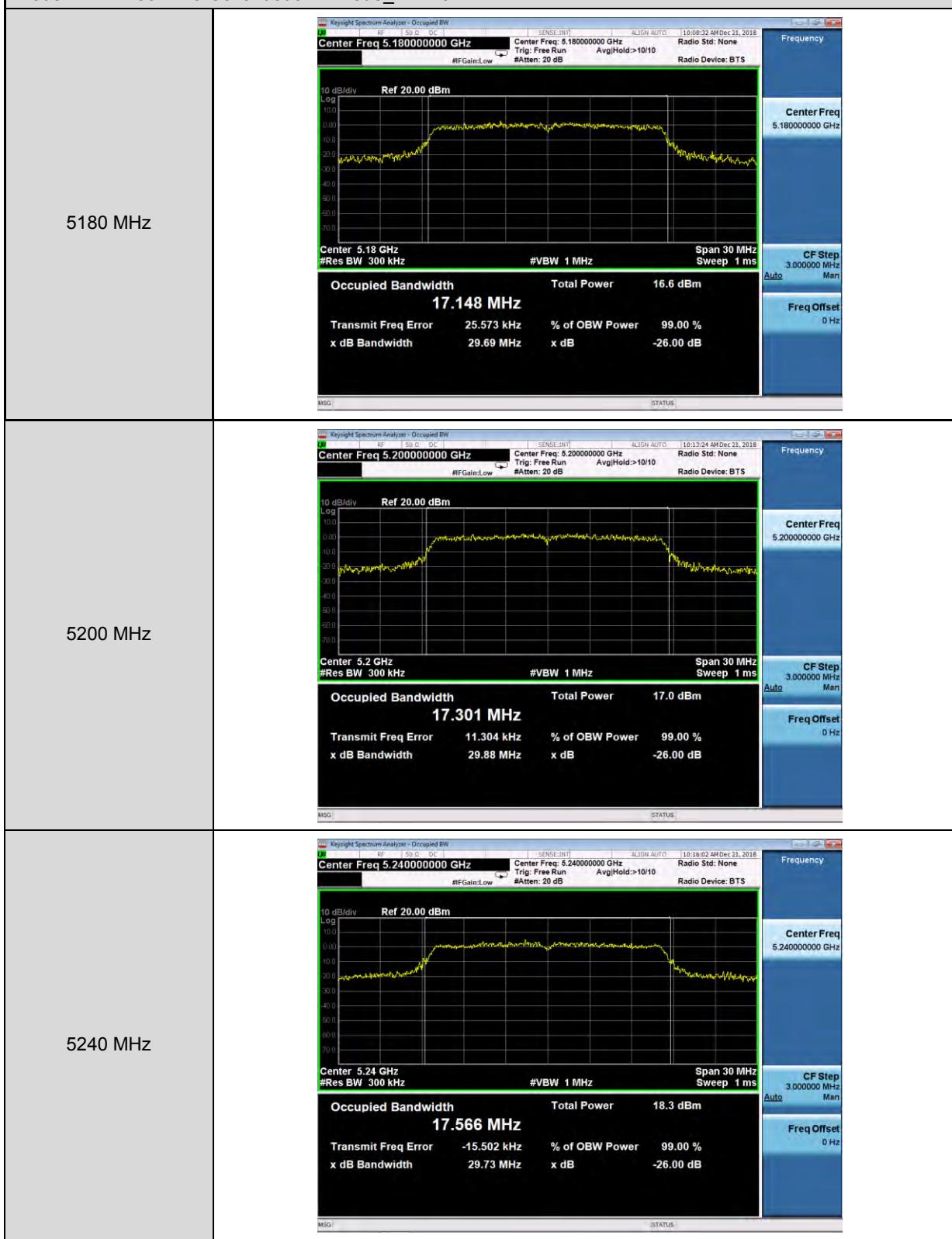
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode
Frequency (MHz)	ANT-0
5180	29.690
5200	29.880
5240	29.730
5260	29.690
5280	29.810
5320	29.200
5500	29.970
5560	29.970
5700	29.930

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Frequency (MHz)	ANT-0
5180	29.600
5200	29.970
5240	29.980
5260	29.940
5280	29.430
5320	29.810
5500	29.860
5560	29.970
5700	29.970

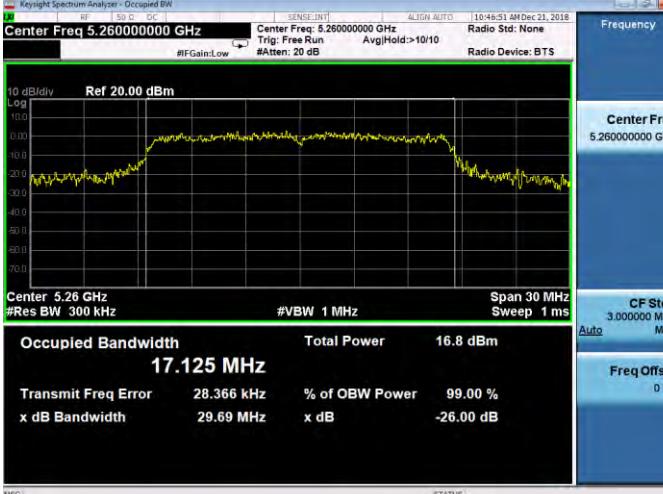
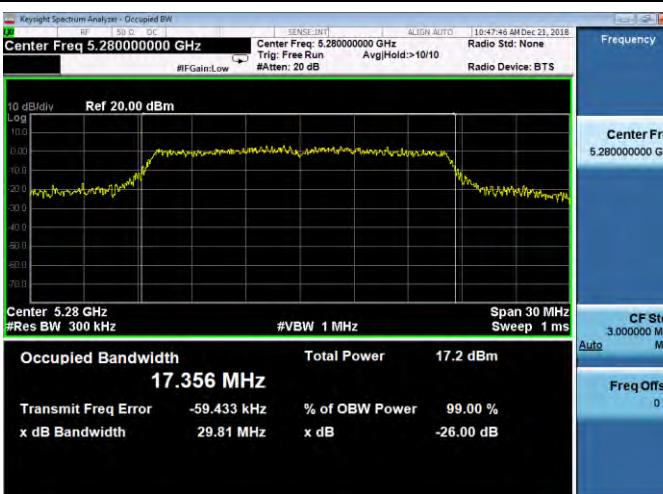
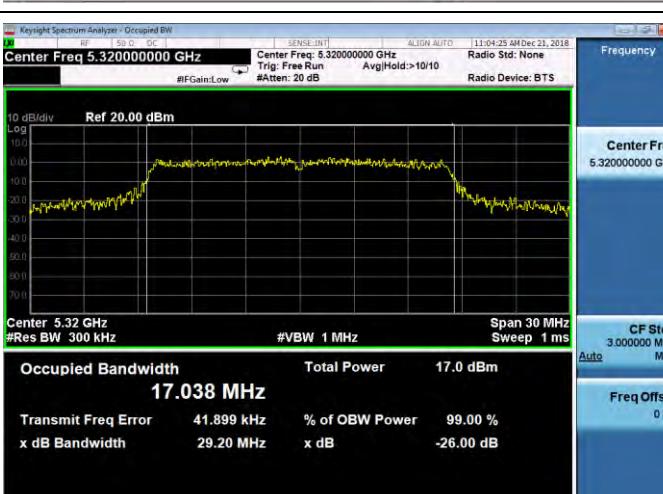
Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode
Frequency (MHz)	ANT-0
5190	47.850
5230	54.840
5270	54.250
5310	48.340
5510	53.390
5550	54.960
5670	54.870

■ Test Graphs

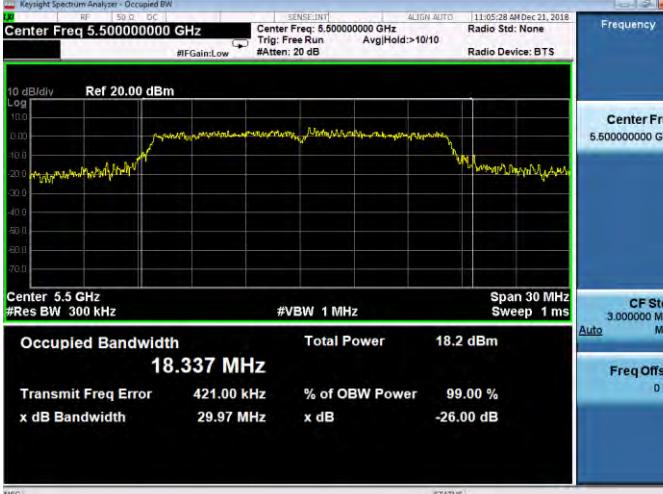
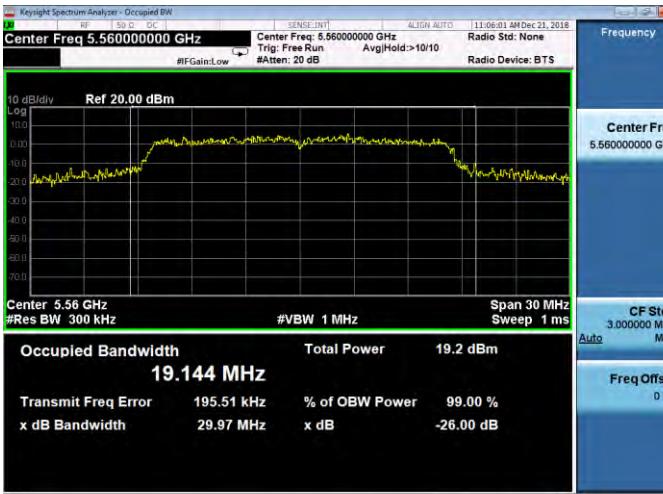
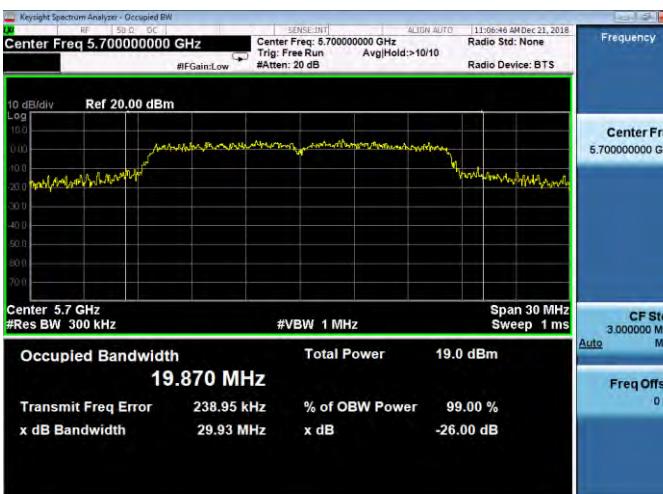
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



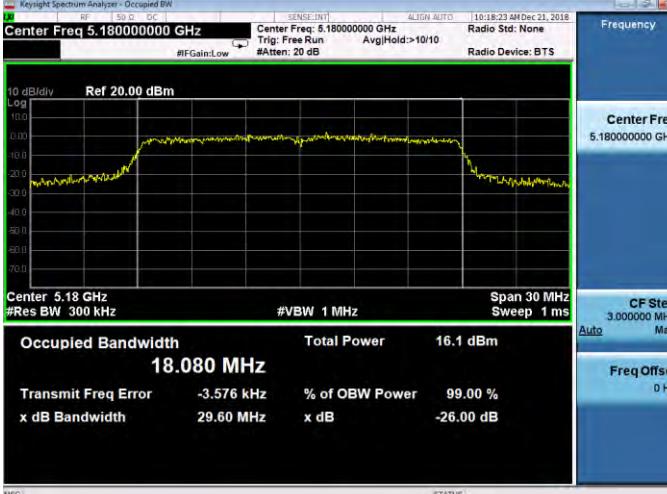
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0

5260 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.260000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.125 MHz</p> <p>Total Power 16.8 dBm</p> <p>Transmit Freq Error 28.366 kHz</p> <p>x dB Bandwidth 29.69 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5280 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.280000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.356 MHz</p> <p>Total Power 17.2 dBm</p> <p>Transmit Freq Error -59.433 kHz</p> <p>x dB Bandwidth 29.81 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5320 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.320000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.038 MHz</p> <p>Total Power 17.0 dBm</p> <p>Transmit Freq Error 41.899 kHz</p> <p>x dB Bandwidth 29.20 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

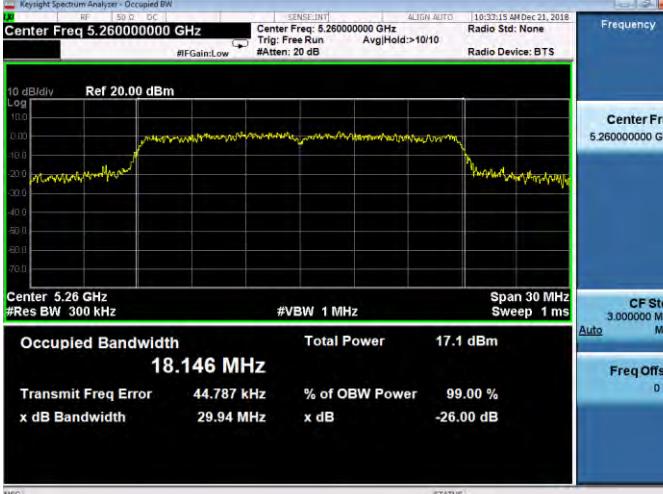
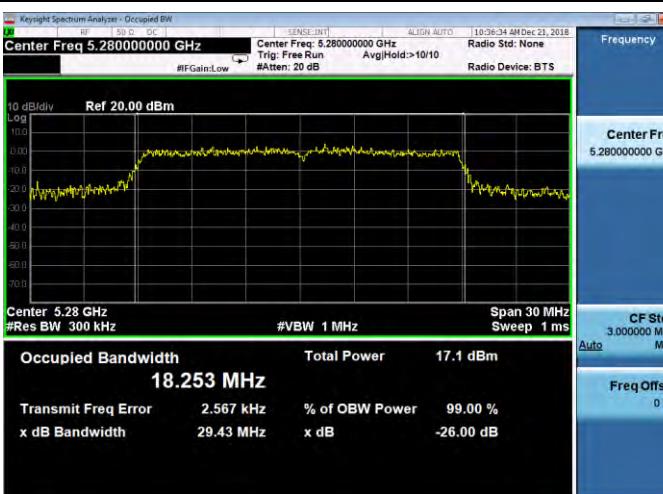
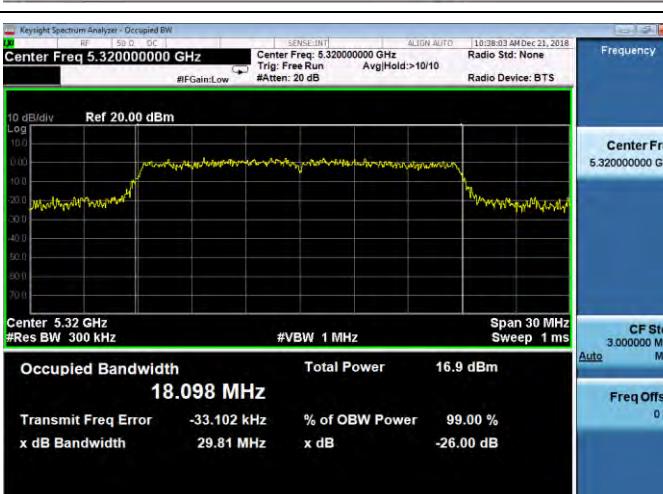
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0

5500 MHz	 <p>Occupied Bandwidth 18.337 MHz</p> <p>Total Power 18.2 dBm</p> <p>Transmit Freq Error 421.00 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.97 MHz x dB -26.00 dB</p>
5560 MHz	 <p>Occupied Bandwidth 19.144 MHz</p> <p>Total Power 19.2 dBm</p> <p>Transmit Freq Error 195.51 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.97 MHz x dB -26.00 dB</p>
5700 MHz	 <p>Occupied Bandwidth 19.870 MHz</p> <p>Total Power 19.0 dBm</p> <p>Transmit Freq Error 238.95 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.93 MHz x dB -26.00 dB</p>

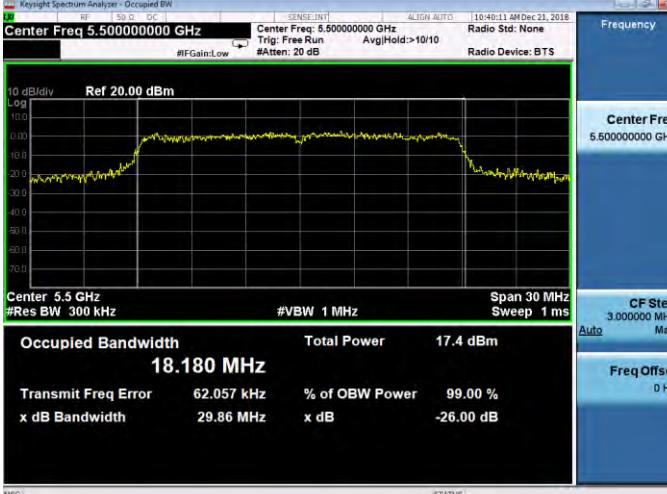
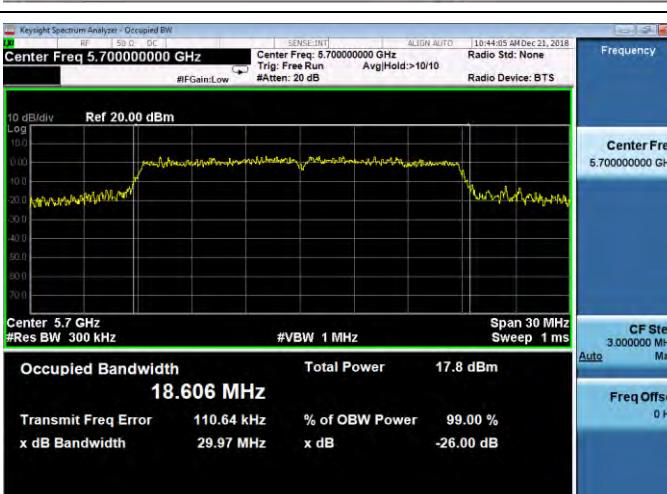
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ANT-0

5180 MHz	 <p>Occupied Bandwidth 18.080 MHz Total Power 16.1 dBm Transmit Freq Error -3.576 kHz % of OBW Power 99.00 % x dB Bandwidth 29.60 MHz x dB -26.00 dB</p>
5200 MHz	 <p>Occupied Bandwidth 18.254 MHz Total Power 17.1 dBm Transmit Freq Error 17.832 kHz % of OBW Power 99.00 % x dB Bandwidth 29.97 MHz x dB -26.00 dB</p>
5240 MHz	 <p>Occupied Bandwidth 18.193 MHz Total Power 17.1 dBm Transmit Freq Error -38.118 kHz % of OBW Power 99.00 % x dB Bandwidth 29.98 MHz x dB -26.00 dB</p>

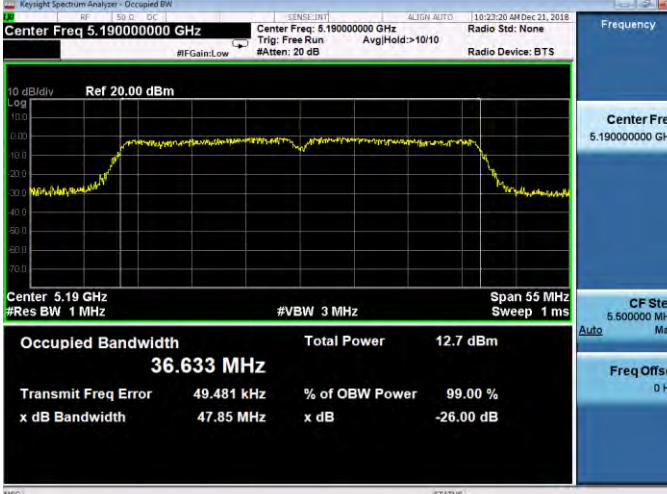
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ANT-0

5260 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.260000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.146 MHz</p> <p>Total Power 17.1 dBm</p> <p>Transmit Freq Error 44.787 kHz</p> <p>x dB Bandwidth 29.94 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB 26.00 dB</p>
5280 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.280000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.253 MHz</p> <p>Total Power 17.1 dBm</p> <p>Transmit Freq Error 2.567 kHz</p> <p>x dB Bandwidth 29.43 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB 26.00 dB</p>
5320 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.320000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.098 MHz</p> <p>Total Power 16.9 dBm</p> <p>Transmit Freq Error -33.102 kHz</p> <p>x dB Bandwidth 29.81 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB 26.00 dB</p>

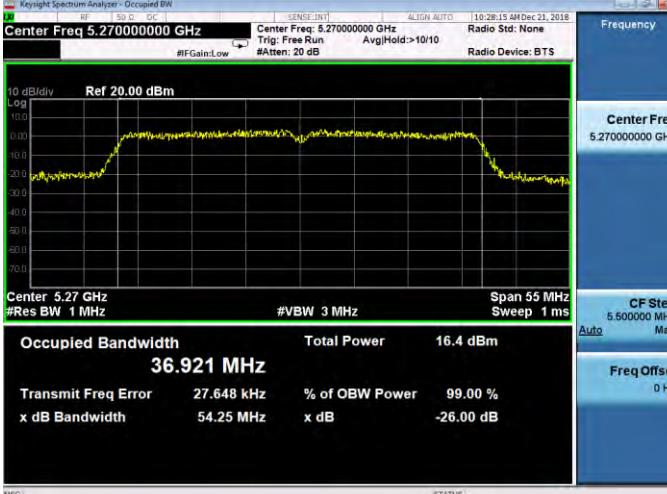
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ANT-0

5500 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.500000000 GHz SENSE INT ALIGN AUTO 10:46:11 AM Dec 23, 2018</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.180 MHz</p> <p>Total Power 17.4 dBm</p> <p>Transmit Freq Error 62.057 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.86 MHz x dB -26.00 dB</p>
5560 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.560000000 GHz SENSE INT ALIGN AUTO 10:42:59 AM Dec 23, 2018</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 19.413 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 452.25 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.97 MHz x dB -26.00 dB</p>
5700 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.700000000 GHz SENSE INT ALIGN AUTO 10:44:05 AM Dec 23, 2018</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.606 MHz</p> <p>Total Power 17.8 dBm</p> <p>Transmit Freq Error 110.64 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.97 MHz x dB -26.00 dB</p>

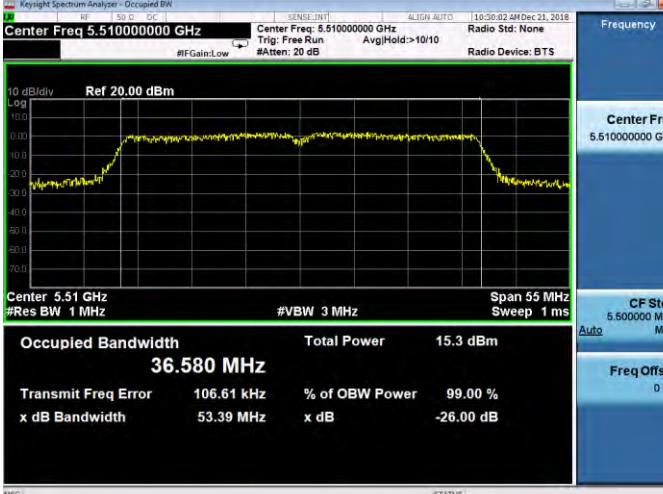
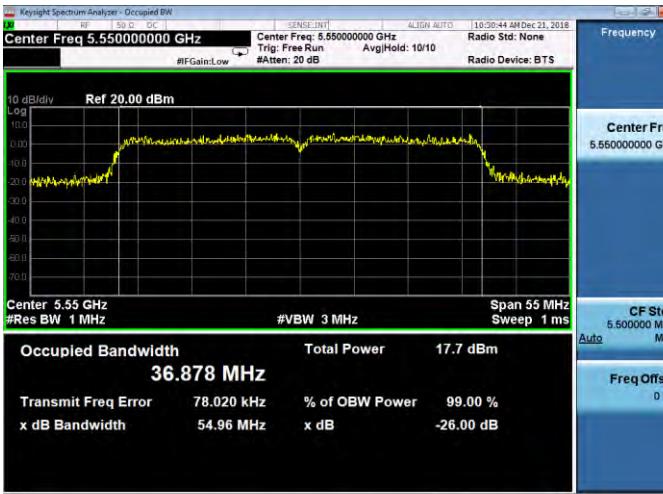
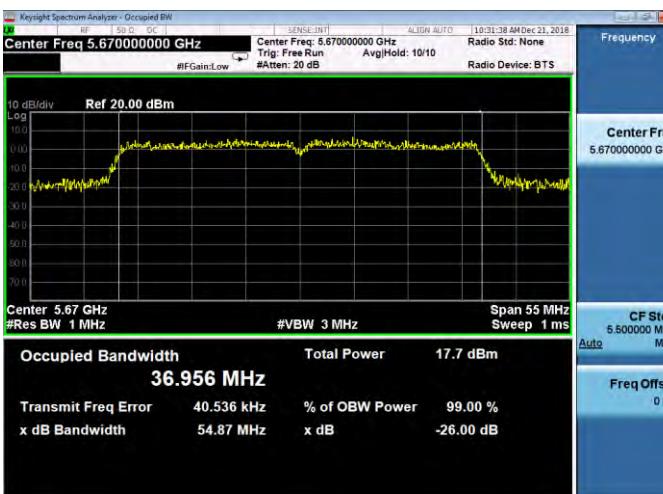
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode _ANT-0

5190 MHz	 <p>Occupied Bandwidth 36.633 MHz</p> <p>Transmit Freq Error 49.481 kHz % of OBW Power 99.00 % x dB Bandwidth 47.85 MHz x dB -26.00 dB</p>
5230 MHz	 <p>Occupied Bandwidth 36.786 MHz</p> <p>Transmit Freq Error 39.888 kHz % of OBW Power 99.00 % x dB Bandwidth 54.84 MHz x dB -26.00 dB</p>

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0

5270 MHz	 <p>Occupied Bandwidth Total Power 16.4 dBm</p> <p>36.921 MHz</p> <table border="1"> <tr> <td>Transmit Freq Error</td> <td>27.648 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>54.25 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Transmit Freq Error	27.648 kHz	% of OBW Power	99.00 %	x dB Bandwidth	54.25 MHz	x dB	-26.00 dB
Transmit Freq Error	27.648 kHz	% of OBW Power	99.00 %						
x dB Bandwidth	54.25 MHz	x dB	-26.00 dB						
5310 MHz	 <p>Occupied Bandwidth Total Power 13.2 dBm</p> <p>36.645 MHz</p> <table border="1"> <tr> <td>Transmit Freq Error</td> <td>15.153 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>48.34 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Transmit Freq Error	15.153 kHz	% of OBW Power	99.00 %	x dB Bandwidth	48.34 MHz	x dB	-26.00 dB
Transmit Freq Error	15.153 kHz	% of OBW Power	99.00 %						
x dB Bandwidth	48.34 MHz	x dB	-26.00 dB						

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode _ANT-0

5510 MHz	 <p>Occupied Bandwidth 36.580 MHz</p> <p>Transmit Freq Error 106.61 kHz % of OBW Power 99.00 % x dB Bandwidth 53.39 MHz x dB -26.00 dB</p>
5550 MHz	 <p>Occupied Bandwidth 36.878 MHz</p> <p>Transmit Freq Error 78.020 kHz % of OBW Power 99.00 % x dB Bandwidth 54.96 MHz x dB -26.00 dB</p>
5670 MHz	 <p>Occupied Bandwidth 36.956 MHz</p> <p>Transmit Freq Error 40.536 kHz % of OBW Power 99.00 % x dB Bandwidth 54.87 MHz x dB -26.00 dB</p>

6 dB RF Bandwidth Measurement

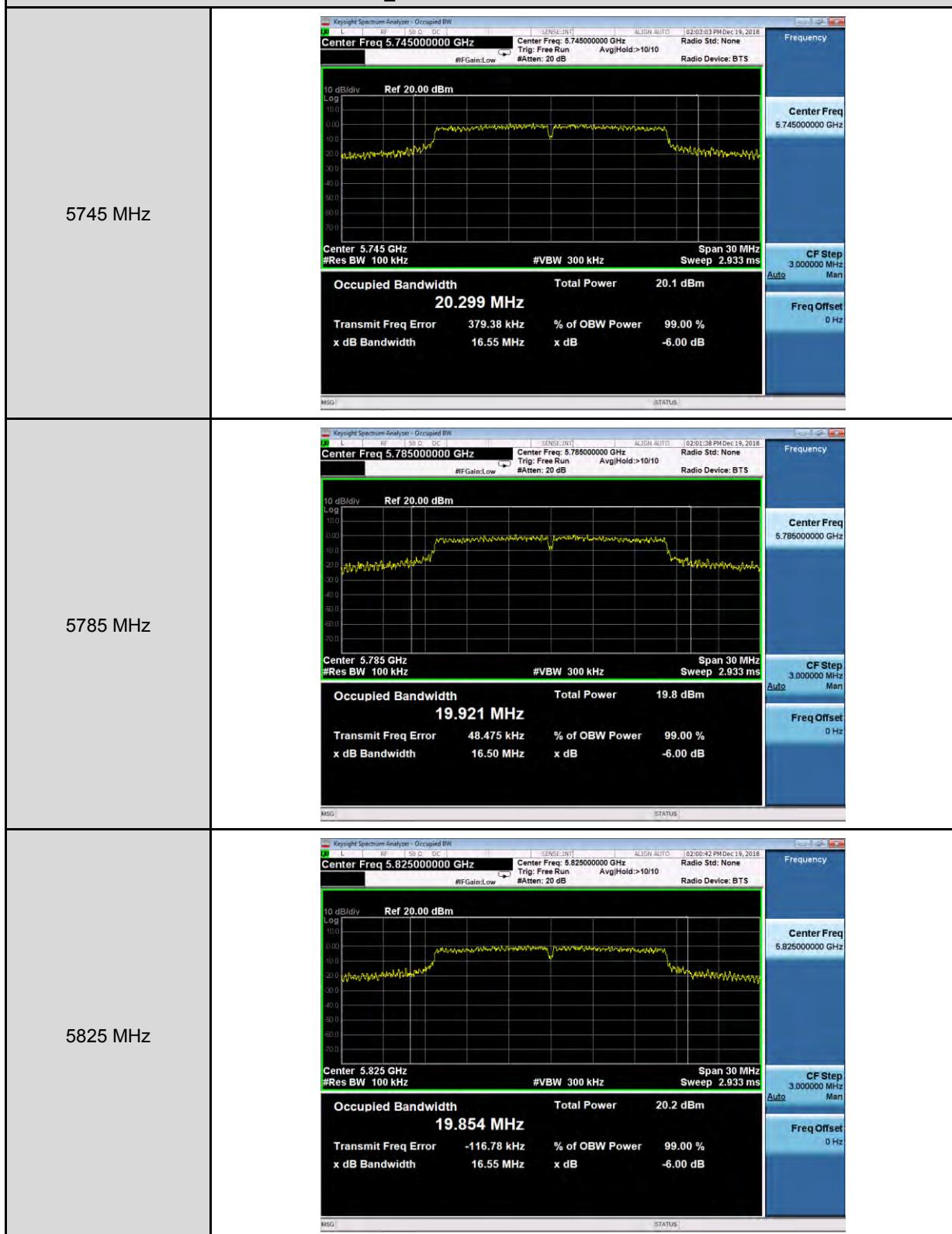
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745	16550	≥ 500
5785	16500	≥ 500
5825	16550	≥ 500

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745	17700	≥ 500
5785	17770	≥ 500
5825	17730	≥ 500

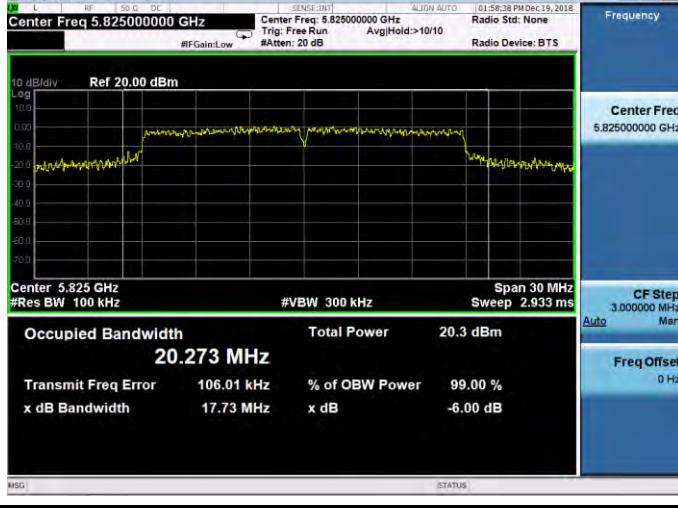
Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5755	36470	≥ 500
5795	36460	≥ 500

■ Test Graphs

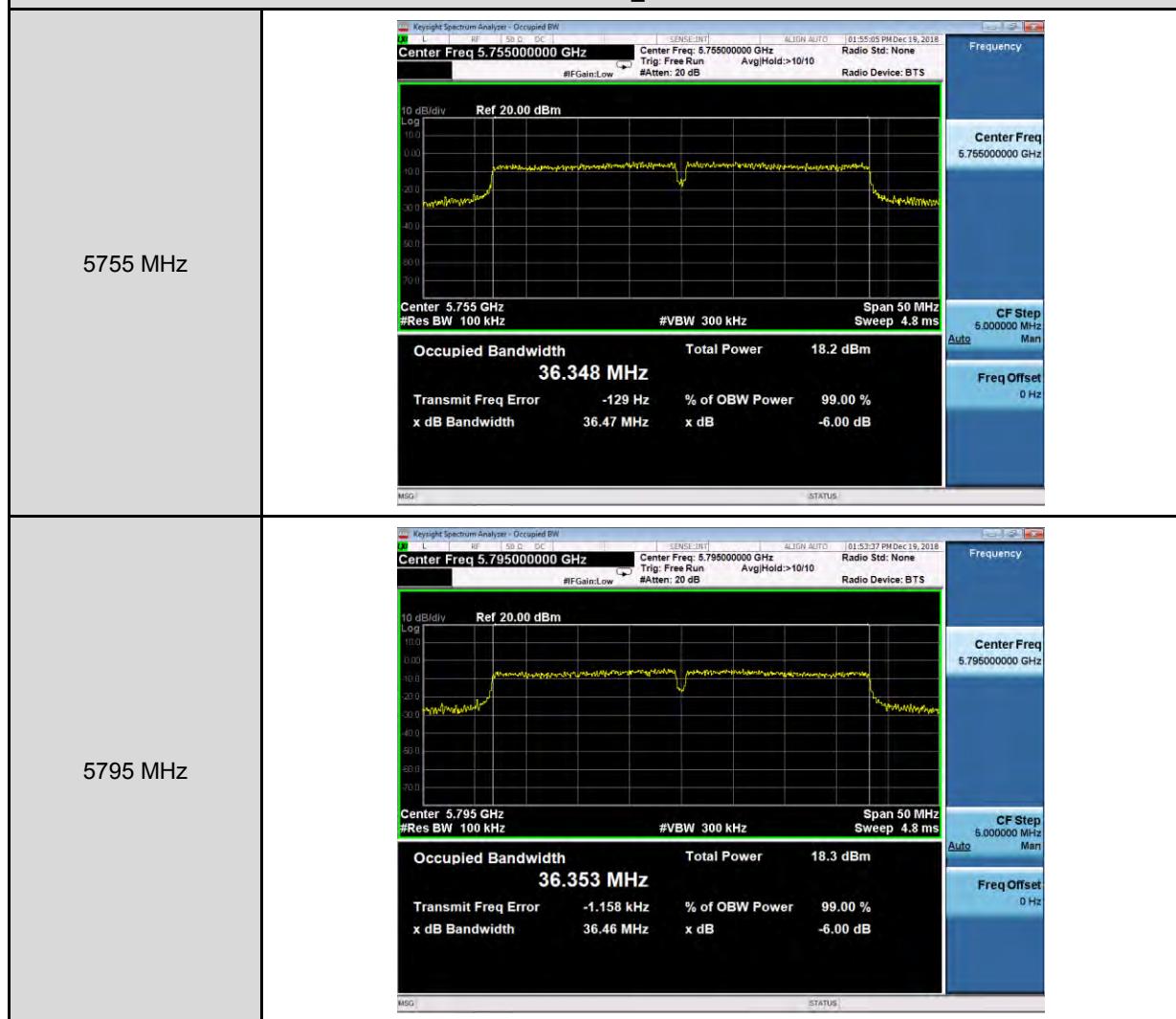
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0

5745 MHz	 <p>Occupied Bandwidth 20.922 MHz</p> <p>Transmit Freq Error 510.90 kHz % of OBW Power 99.00 % x dB Bandwidth 17.70 MHz x dB -6.00 dB</p>
5785 MHz	 <p>Occupied Bandwidth 20.828 MHz</p> <p>Transmit Freq Error 442.04 kHz % of OBW Power 99.00 % x dB Bandwidth 17.77 MHz x dB -6.00 dB</p>
5825 MHz	 <p>Occupied Bandwidth 20.273 MHz</p> <p>Transmit Freq Error 106.01 kHz % of OBW Power 99.00 % x dB Bandwidth 17.73 MHz x dB -6.00 dB</p>

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a link mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.088	0.000	0.088	≤ 11
5200	0.970	0.000	0.970	
5240	0.589	0.000	0.589	
5260	0.590	0.000	0.590	
5280	0.482	0.000	0.482	
5320	0.154	0.000	0.154	
5500	1.838	0.000	1.838	
5560	2.691	0.000	2.691	
5700	3.177	0.000	3.177	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 2: IEEE 802.11a link mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-5.66	0.000	1.33	≤ 30
5785	-5.65	0.000	1.34	
5825	-5.29	0.000	1.70	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = $10 \times \log(500 \text{ k}/100 \text{ k})$

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-0.794	0.000	-0.794	≤ 11
5200	0.959	0.000	0.959	
5240	0.455	0.000	0.455	
5260	0.562	0.000	0.562	
5280	0.246	0.000	0.246	
5320	0.142	0.000	0.142	
5500	-0.298	0.000	-0.298	
5560	3.091	0.000	3.091	
5700	2.242	0.000	2.242	

Note: Method SA-2, Power density = measured result + $10 \log(1/\text{duty cycle})$ + Conversion ratio = measured result + duty factor.

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-5.65	0.000	1.34	≤ 30
5785	-5.67	0.000	1.32	
5825	-5.30	0.000	1.69	

Note: Method SA-2, Power density = measured result + $10 \log(1/\text{duty cycle})$ + Conversion ratio = measured result + duty factor.

Conversion ratio = $10^{\ast} \log(500 \text{ k}/100 \text{ k})$

Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-8.682	0.000	-8.682	≤ 11
5230	-4.661	0.000	-4.661	
5270	-4.883	0.000	-4.883	
5310	-8.911	0.000	-8.911	
5510	-6.415	0.000	-6.415	
5550	-2.431	0.000	-2.431	
5670	-2.001	0.000	-2.001	

Note: Method SA-2, Power density = measured result + $10 \log(1/\text{duty cycle})$ + Conversion ratio = measured result + duty factor.

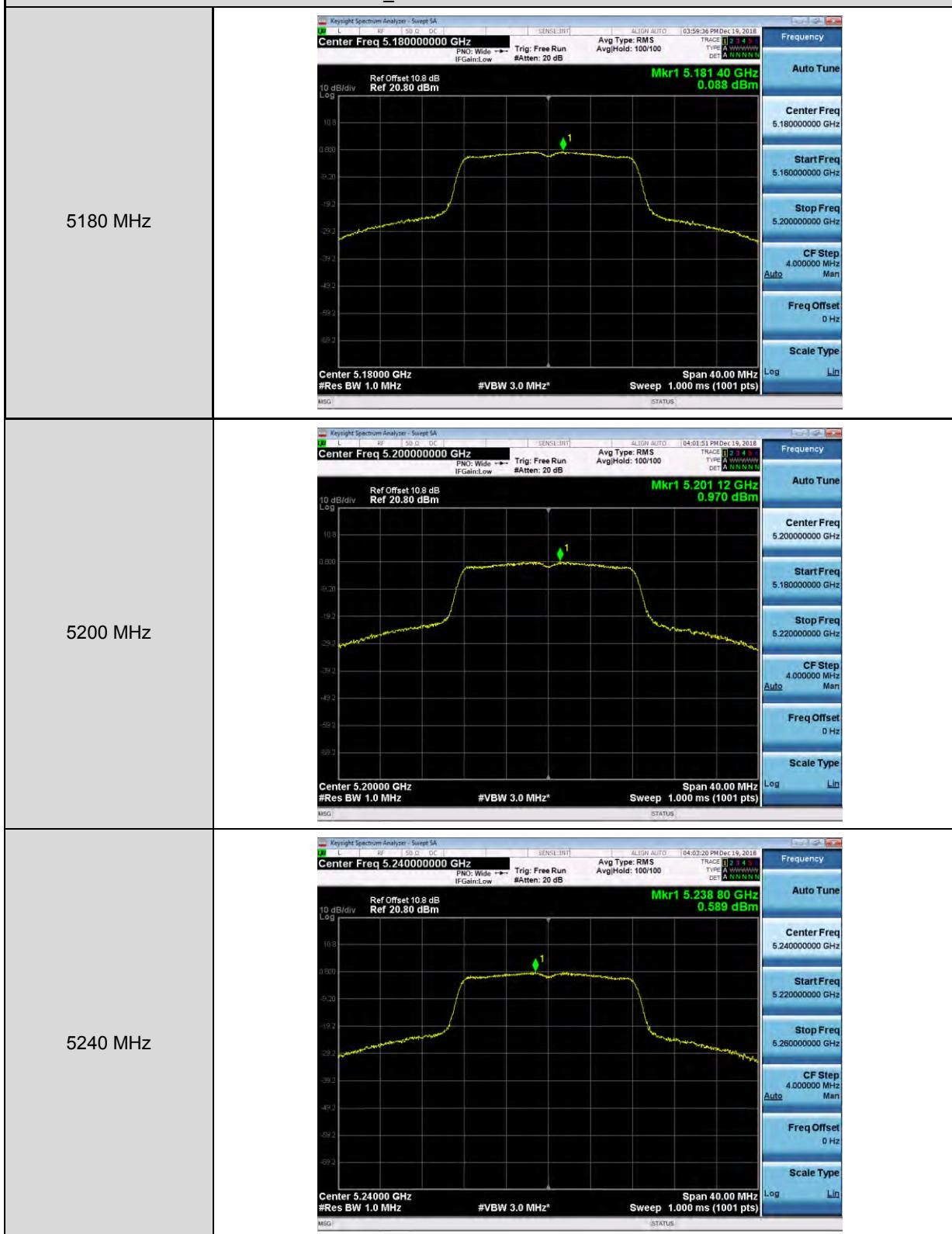
Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-10.95	0.000	-3.96	≤ 30
5795	-10.94	0.000	-3.95	

Note: Method SA-2, Power density = measured result + $10 \log(1/\text{duty cycle})$ + Conversion ratio = measured result + duty factor.

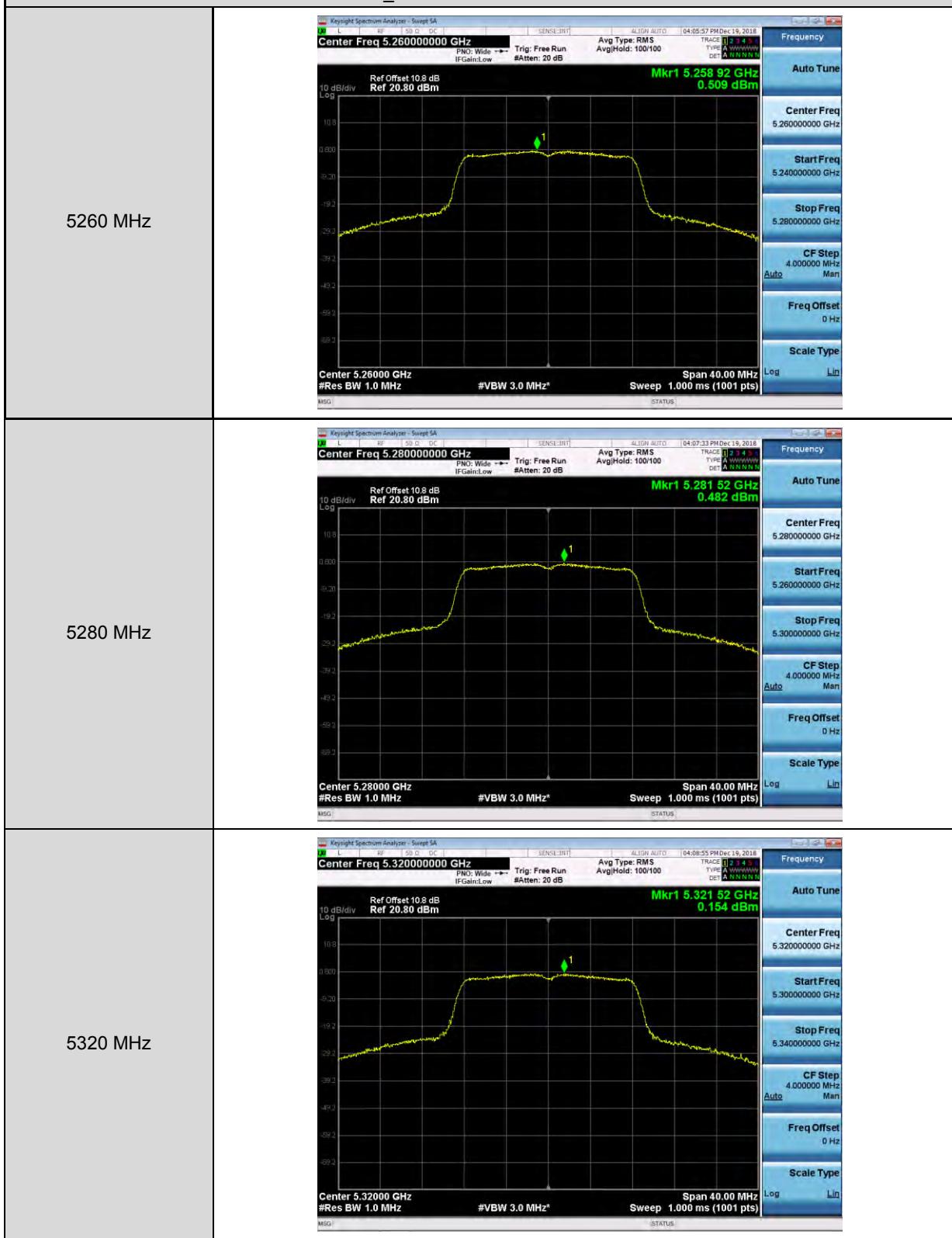
Conversion ratio = $10^{\star} \text{Log}(500 \text{ k}/100 \text{ k})$

■ Test Graphs

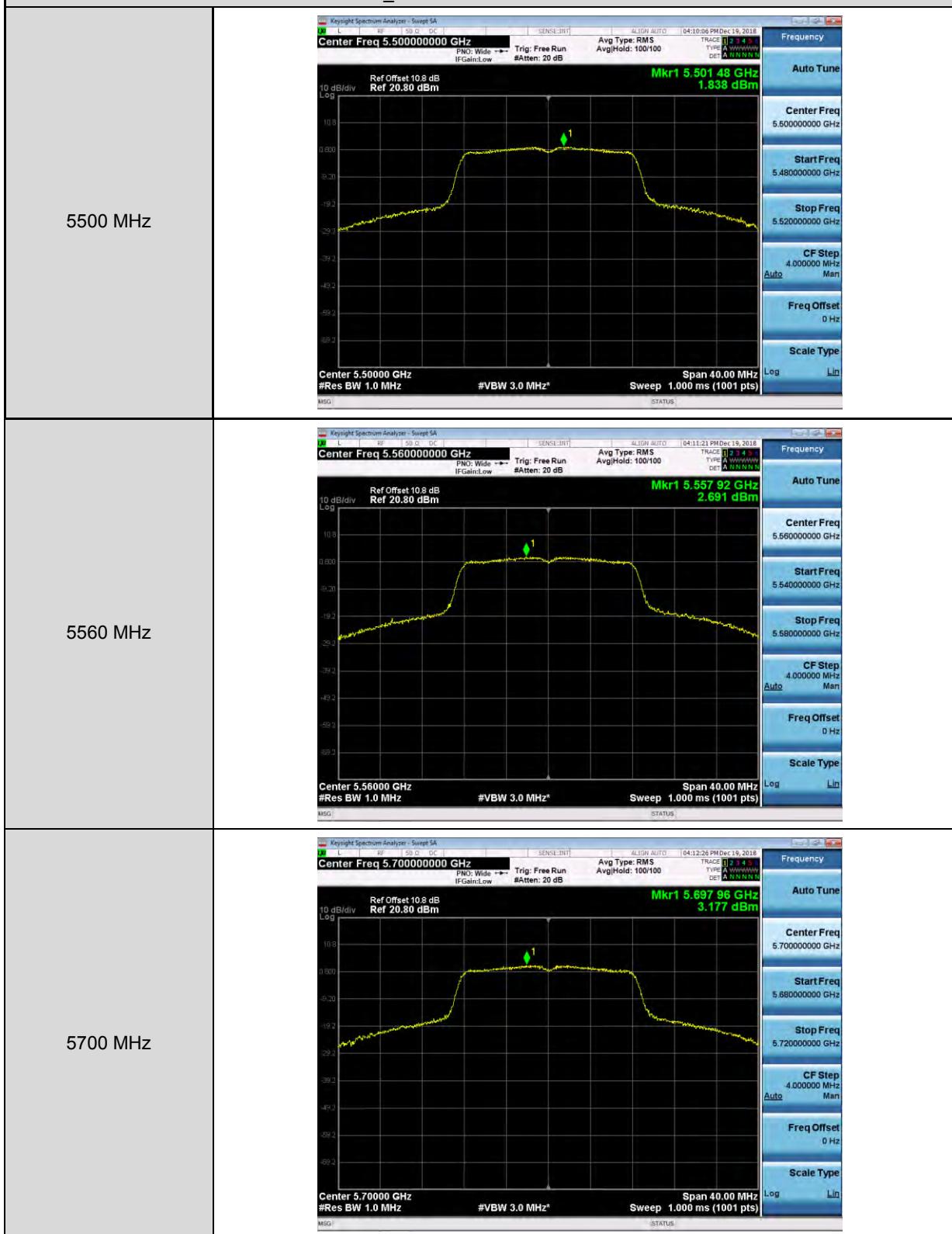
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



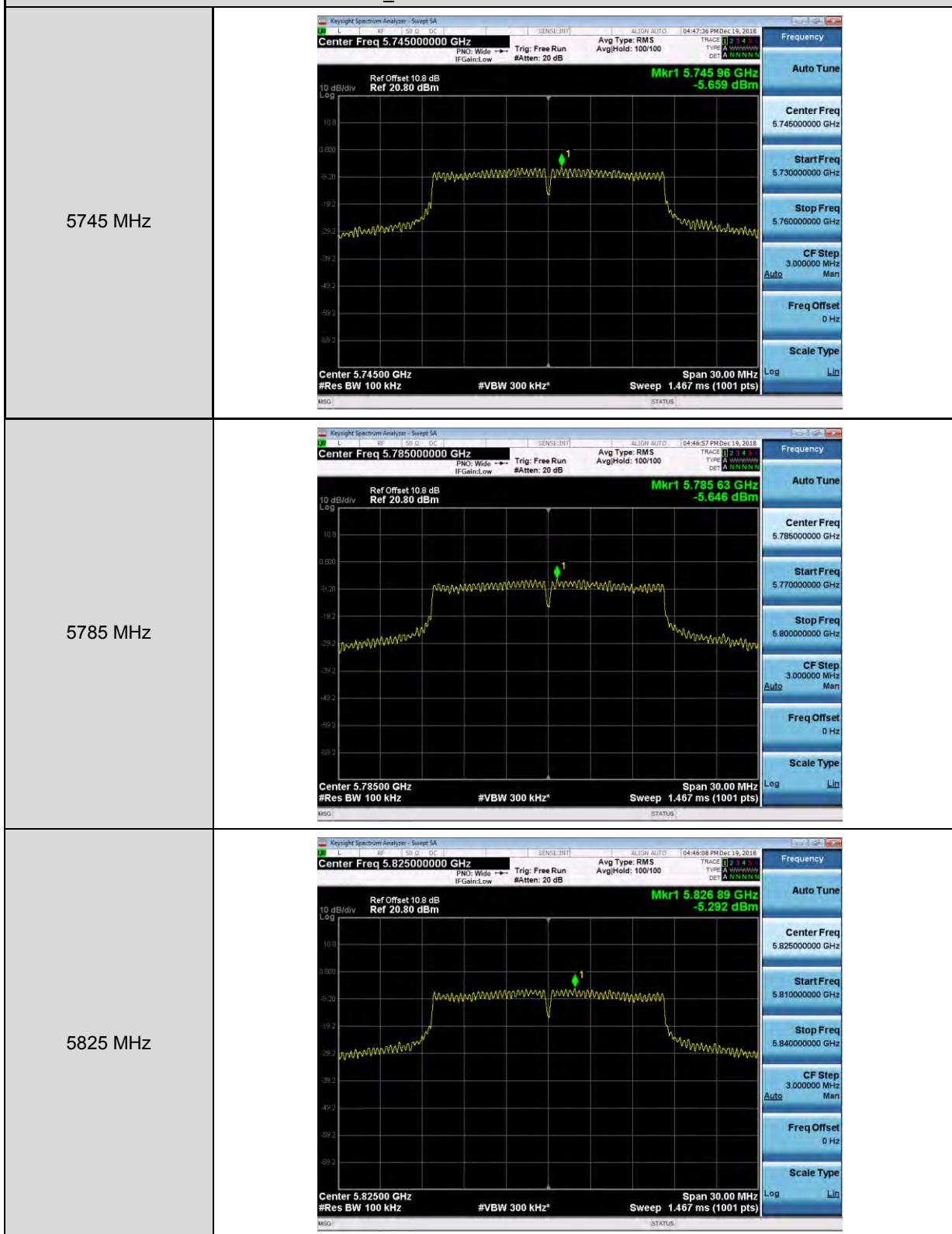
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



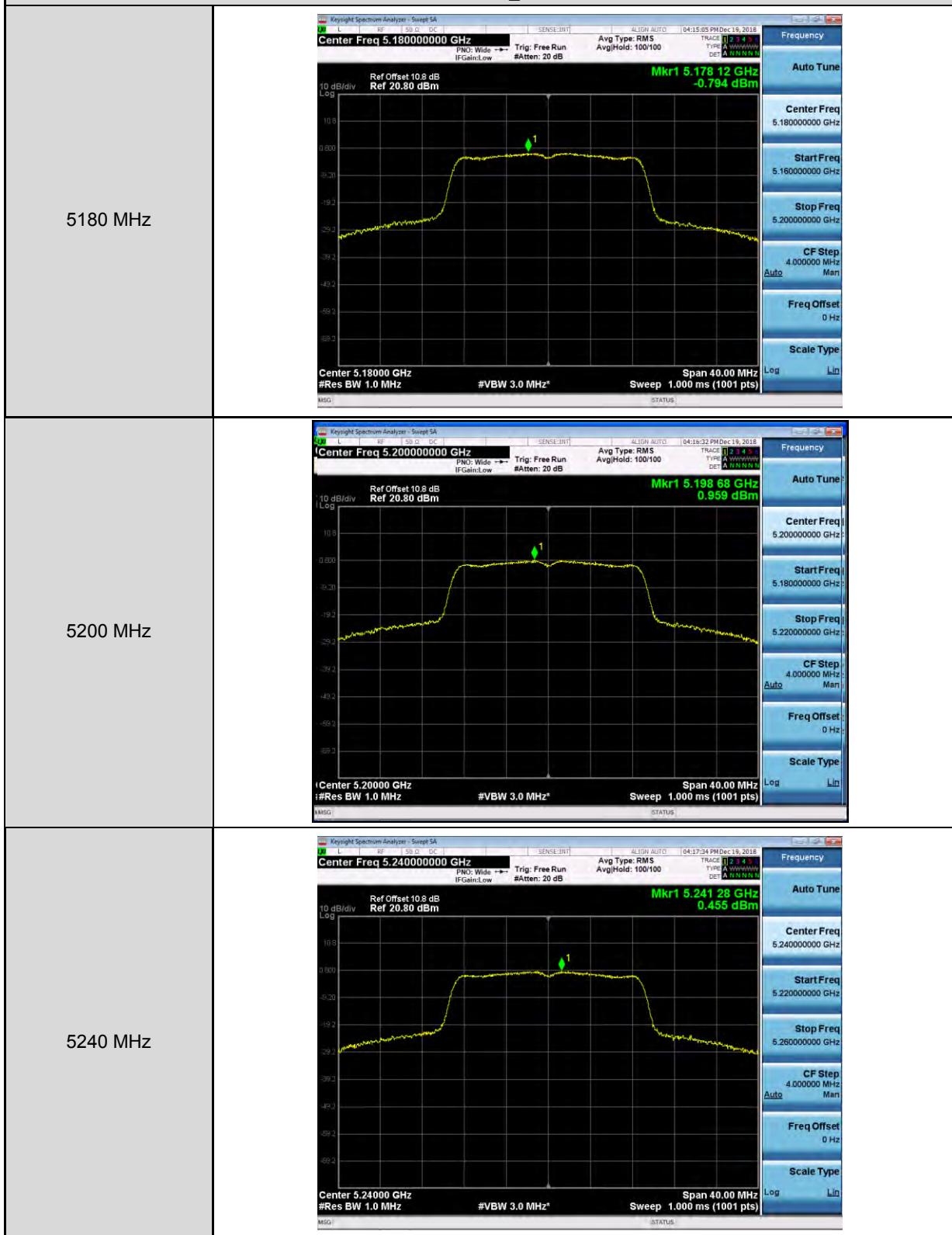
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



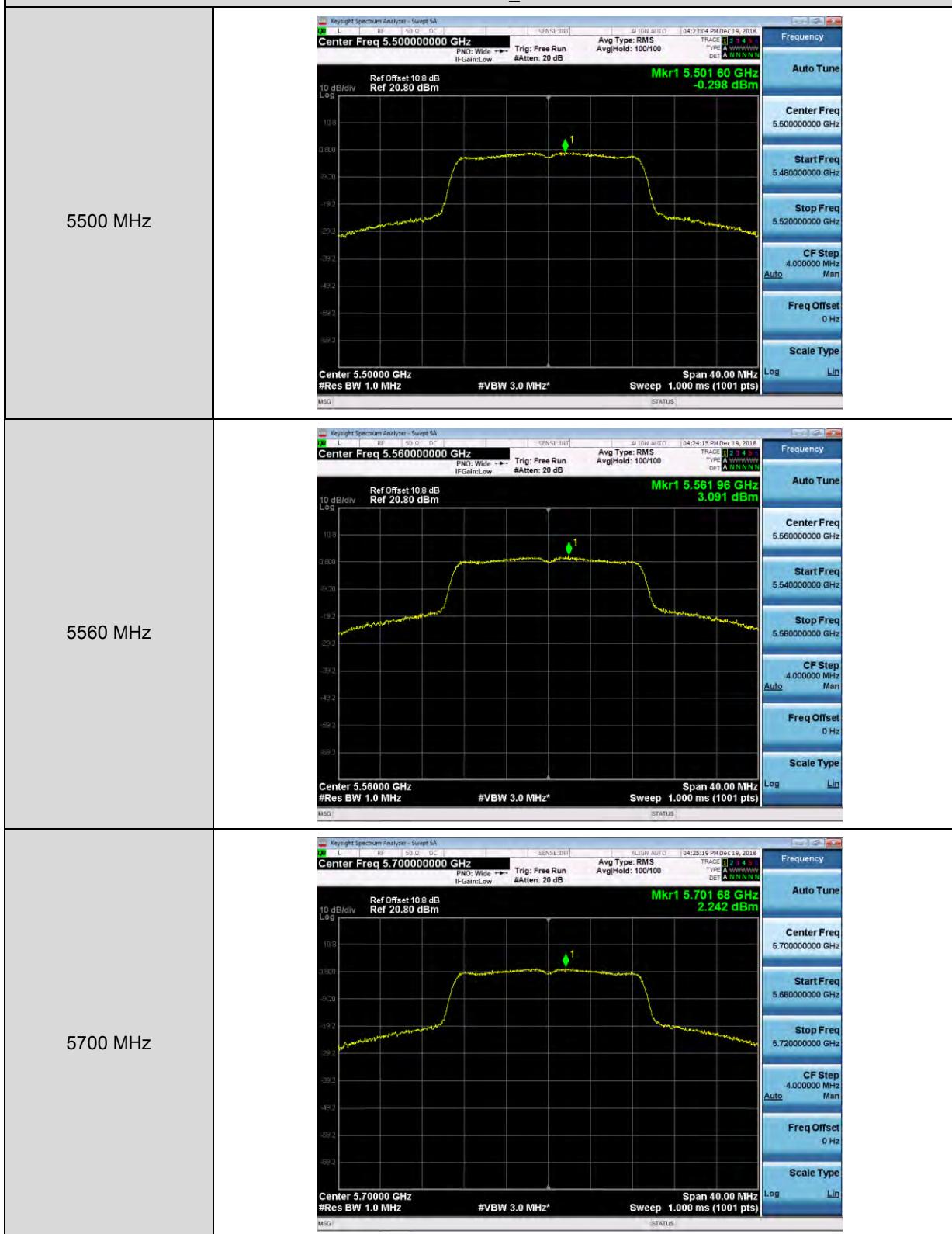
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0



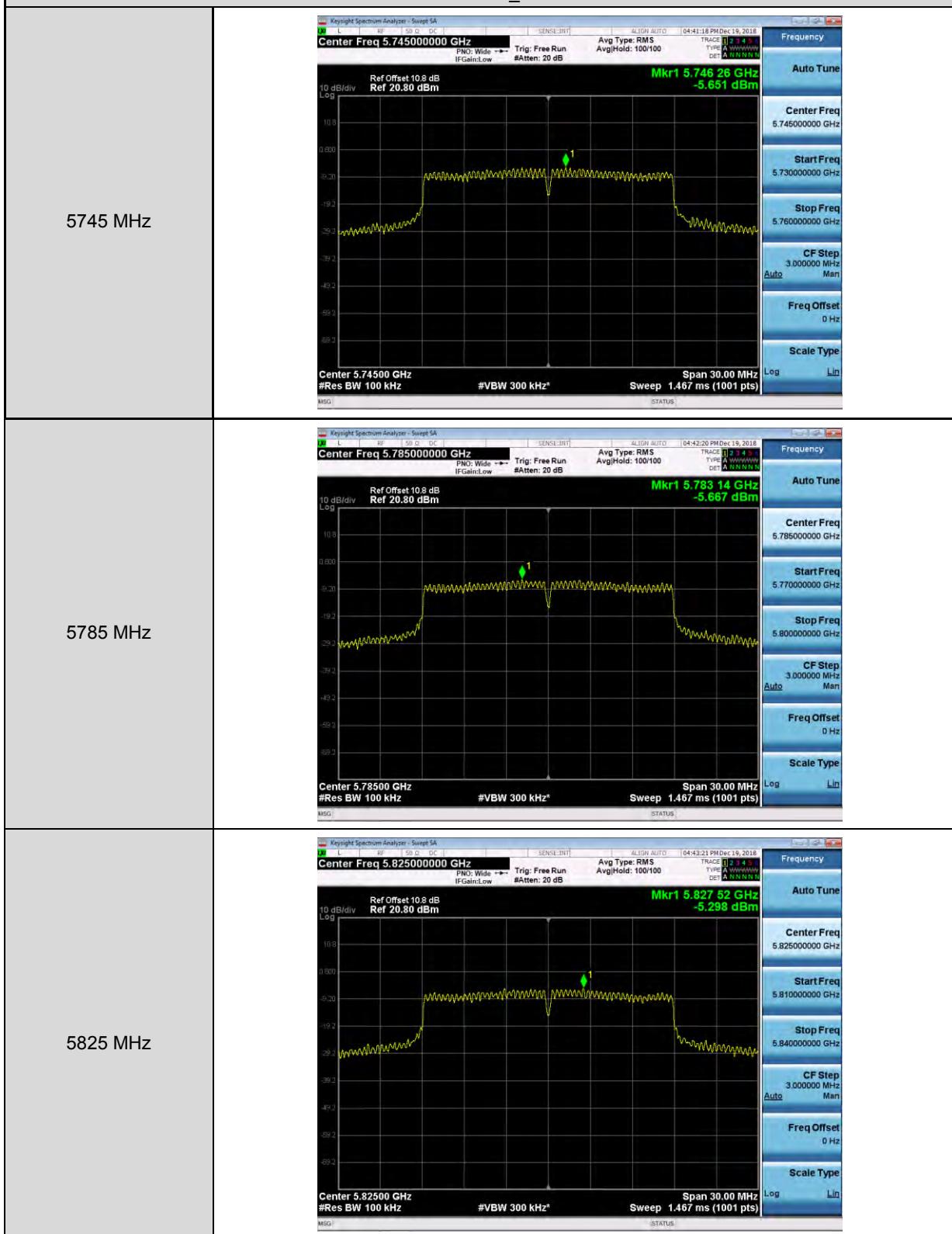
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0

5260 MHz	 <p>Keylight Spectrum Analyzer - Swept SA</p> <p>Center Freq 5.260000000 GHz</p> <p>Ref Offset 10.8 dB Ref 20.80 dBm</p> <p>10 dB/div Log</p> <p>10.8 8.0 -19.2 -39.2 -59.2 -79.2</p> <p>Center 5.26000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>Mkr1 5.258 32 GHz 0.562 dBm</p> <p>MSG STATUS</p> <p>Frequency Auto Tune Center Freq 5.260000000 GHz Start Freq 5.240000000 GHz Stop Freq 5.280000000 GHz CF Step 4.000000 MHz Man Freq Offset 0 Hz Scale Type Log Lin</p>
5280 MHz	 <p>Keylight Spectrum Analyzer - Swept SA</p> <p>Center Freq 5.280000000 GHz</p> <p>Ref Offset 10.8 dB Ref 20.80 dBm</p> <p>10 dB/div Log</p> <p>10.8 8.0 -19.2 -39.2 -59.2 -79.2</p> <p>Center 5.28000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>Mkr1 5.282 40 GHz 0.246 dBm</p> <p>MSG STATUS</p> <p>Frequency Auto Tune Center Freq 5.280000000 GHz Start Freq 5.260000000 GHz Stop Freq 5.300000000 GHz CF Step 4.000000 MHz Man Freq Offset 0 Hz Scale Type Log Lin</p>
5320 MHz	 <p>Keylight Spectrum Analyzer - Swept SA</p> <p>Center Freq 5.320000000 GHz</p> <p>Ref Offset 10.8 dB Ref 20.80 dBm</p> <p>10 dB/div Log</p> <p>10.8 8.0 -19.2 -39.2 -59.2 -79.2</p> <p>Center 5.32000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>Mkr1 5.321 52 GHz 0.142 dBm</p> <p>MSG STATUS</p> <p>Frequency Auto Tune Center Freq 5.320000000 GHz Start Freq 5.300000000 GHz Stop Freq 5.340000000 GHz CF Step 4.000000 MHz Man Freq Offset 0 Hz Scale Type Log Lin</p>

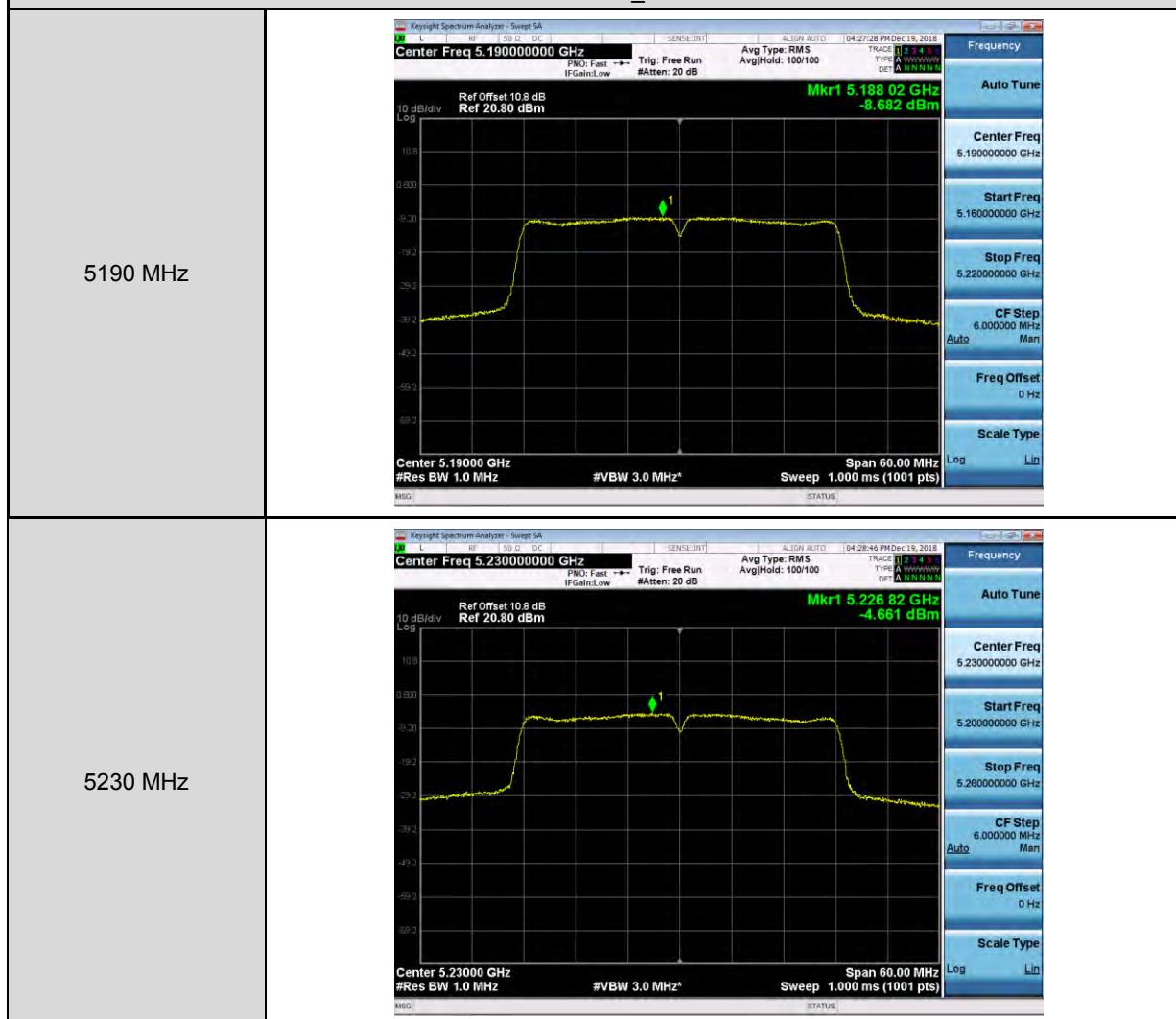
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0



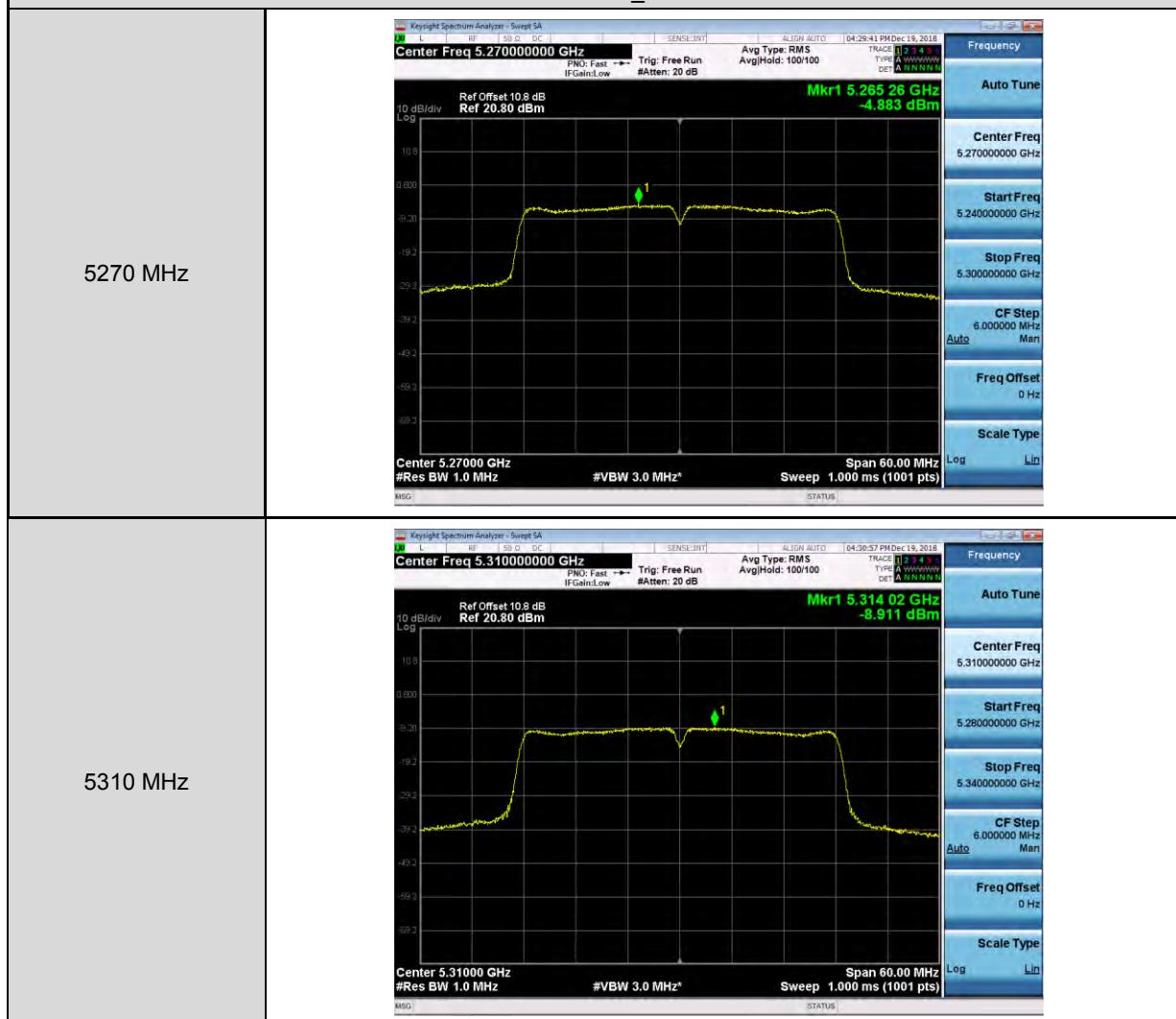
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0



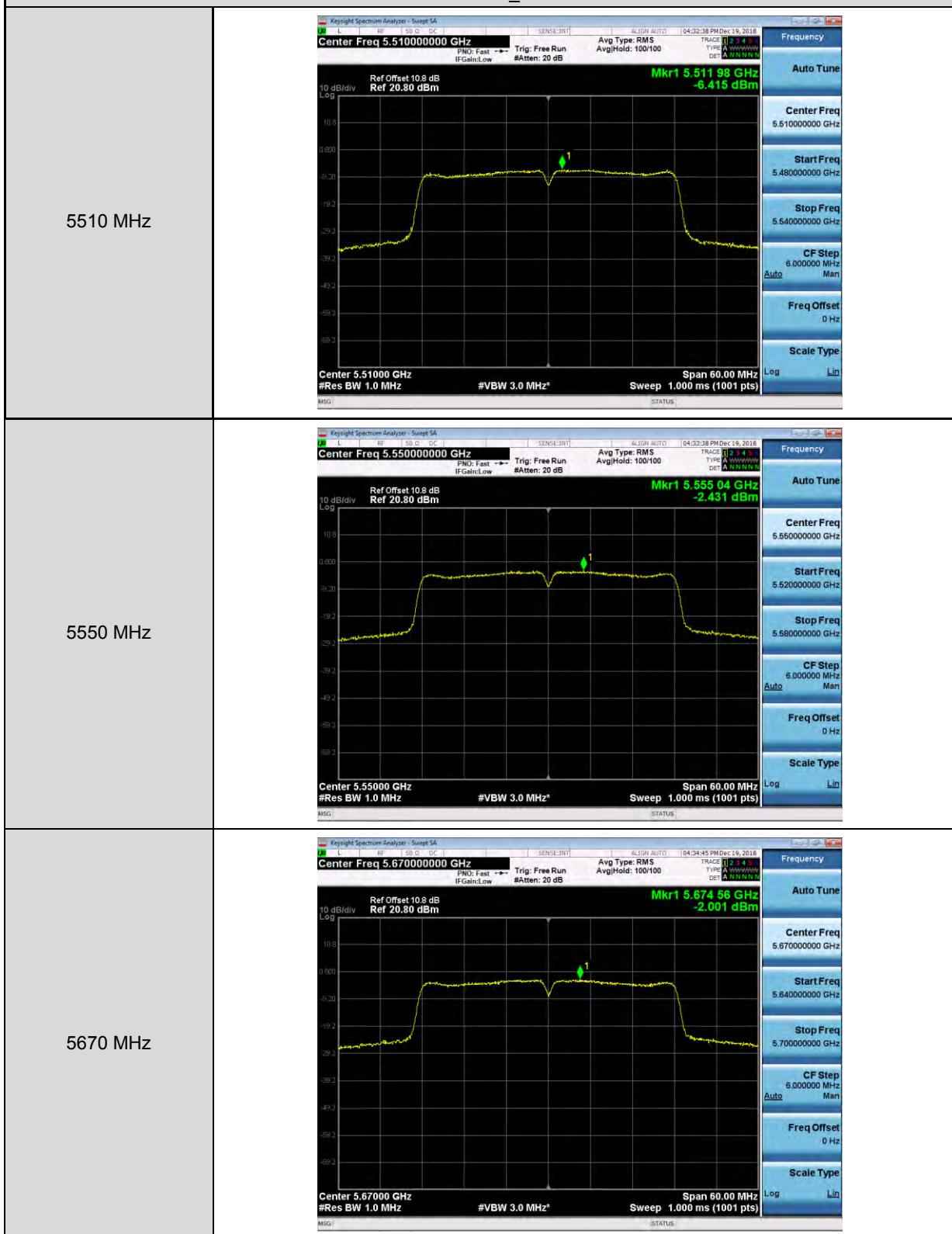
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



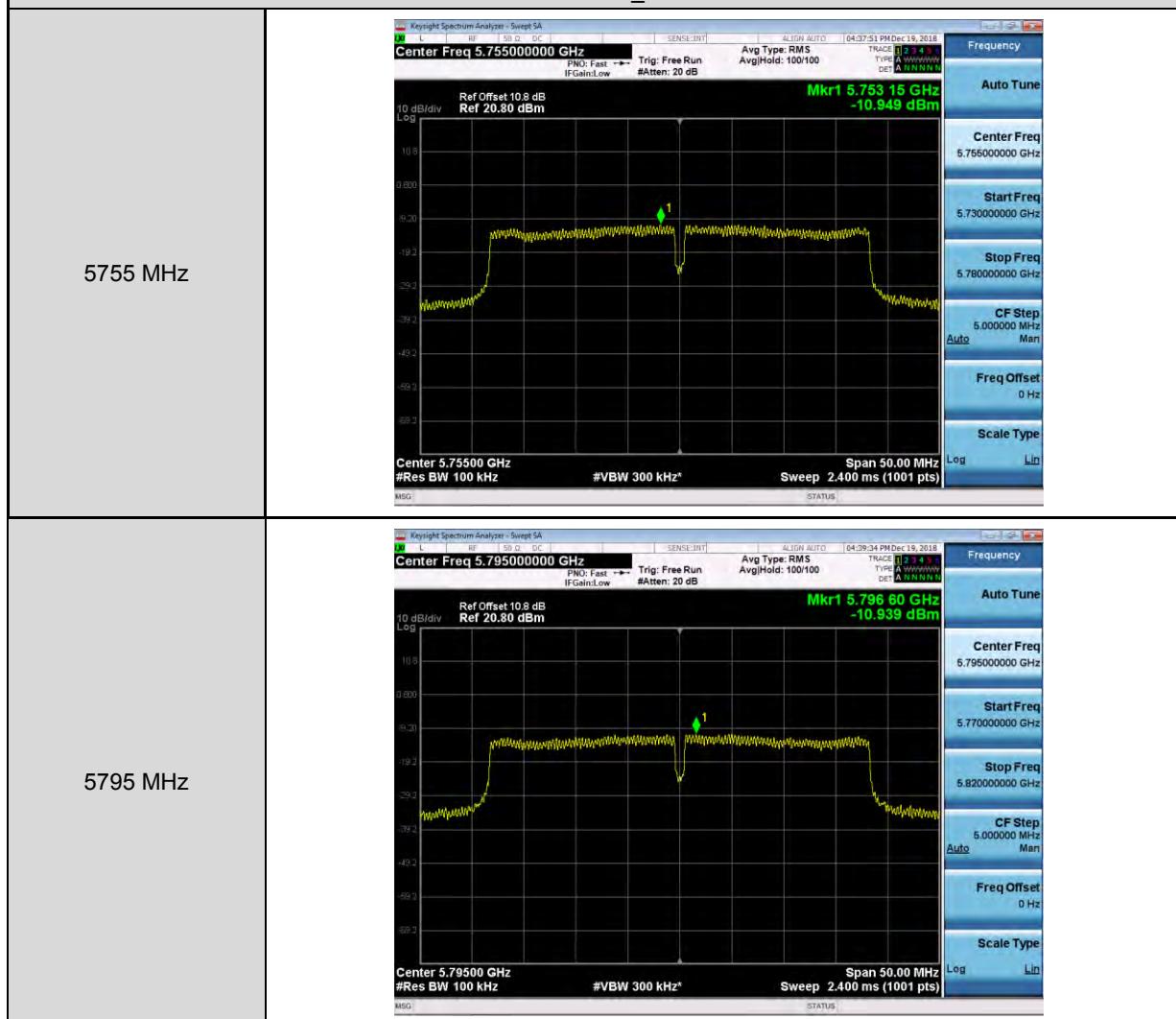
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



Frequency Stability Measurement

Temperature Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	-40	120	5199.9968	-3200	-0.615	Pass
	-30		5199.9967	-3300	-0.635	Pass
	-20		5199.9969	-3100	-0.596	Pass
	-10		5199.9991	-900	-0.173	Pass
	0		5200.0036	3600	0.692	Pass
	10		5199.9931	-6900	-1.327	Pass
	20		5199.9951	-4900	-0.942	Pass
	30		5200.0050	5000	0.962	Pass
	40		5200.0098	9800	1.885	Pass
	50		5199.9955	-4500	-0.865	Pass
	60		5199.9956	-4400	-0.846	Pass
	70		5200.0048	4800	0.923	Pass
	80		5200.0039	3900	0.750	Pass
	85		5199.9983	-1700	-0.327	Pass
5280 MHz	-40	120	5279.9949	-5100	-0.966	Pass
	-30		5279.9951	-4900	-0.928	Pass
	-20		5280.0080	8000	1.515	Pass
	-10		5279.9990	-1000	-0.189	Pass
	0		5280.0050	5000	0.947	Pass
	10		5280.0064	6400	1.212	Pass
	20		5279.9948	-5200	-0.985	Pass
	30		5279.9919	-8100	-1.534	Pass
	40		5279.9986	-1400	-0.265	Pass
	50		5280.0069	6900	1.307	Pass
	60		5280.0043	4300	0.814	Pass
	70		5280.0056	5600	1.061	Pass
	80		5280.0084	8400	1.591	Pass
	85		5280.0740	74000	14.015	Pass

Note: The manufacturer's frequency stability specification is better than 20 ppm.

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5560 MHz	-40	120	5559.9962	-3800	-0.683	Pass
	-30		5559.9919	-8100	-1.457	Pass
	-20		5559.9938	-6200	-1.115	Pass
	-10		5559.9960	-4000	-0.719	Pass
	0		5559.9953	-4700	-0.845	Pass
	10		5560.0004	400	0.072	Pass
	20		5559.9917	-8300	-1.493	Pass
	30		5559.9908	-9200	-1.655	Pass
	40		5559.9923	-7700	-1.385	Pass
	50		5559.9956	-4400	-0.791	Pass
	60		5559.9984	-1600	-0.288	Pass
	70		5560.0043	4300	0.773	Pass
	80		5560.0038	3800	0.683	Pass
	85		5560.0054	5400	0.971	Pass
5785 MHz	-40	120	5785.0052	5200	0.899	Pass
	-30		5785.0026	2600	0.449	Pass
	-20		5785.0000	0	0.000	Pass
	-10		5784.9937	-6300	-1.089	Pass
	0		5785.0061	6100	1.054	Pass
	10		5784.9993	-700	-0.121	Pass
	20		5784.9954	-4600	-0.795	Pass
	30		5785.0068	6800	1.175	Pass
	40		5784.9979	-2100	-0.363	Pass
	50		5784.9928	-7200	-1.245	Pass
	60		5785.0046	4600	0.795	Pass
	70		5784.9992	-800	-0.138	Pass
	80		5785.0037	3700	0.640	Pass
	85		5785.008	8000	1.383	Pass

Note: The manufacturer's frequency stability specification is better than 20 ppm.

Voltage Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	20	138.00	5199.9992	-800	-0.154	Pass
		120.00	5200.0091	9100	1.750	Pass
		102.00	5200.0025	2500	0.481	Pass
5280 MHz	20	138.00	5279.9988	-1200	-0.227	Pass
		120.00	5279.9977	-2300	-0.436	Pass
		102.00	5279.9995	-500	-0.095	Pass
5560 MHz	20	138.00	5559.9993	-700	-0.126	Pass
		120.00	5559.9968	-3200	-0.576	Pass
		102.00	5560.0094	9400	1.691	Pass
5785 MHz	20	138.00	5785.0054	5400	0.933	Pass
		120.00	5784.9971	-2900	-0.501	Pass
		102.00	5785.0088	8800	1.521	Pass

Note: The manufacturer's frequency stability specification is better than 20 ppm.

Power setting 2_Antenna Type: Dipole Antenna
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Maximum Conducted Output Power Measurement

Test Mode	Date Rate	Channel	Frequency (MHz)	RF power setting in Test Software	Test Software Version
Mode 2	6 M	36	5180.0	15	FCC Test App
		40	5200.0	22	
		44	5220.0	22	
		48	5240.0	22	
		52	5260.0	22	
		56	5280.0	22	
		60	5300.0	22	
		64	5320.0	22	
		100	5500.0	15	
		104	5520.0	22	
		108	5540.0	22	
		112	5560.0	22	
		116	5580.0	22	
		132	5660.0	22	
		136	5680.0	22	
		140	5700.0	9	
		149	5745.0	22	
		153	5765.0	22	
		157	5785.0	22	
		161	5805.0	22	
		165	5825.0	22	
Mode 3	6.5 M	36	5180.0	14	
		40	5200.0	22	
		44	5220.0	22	
		48	5240.0	22	
		52	5260.0	22	
		56	5280.0	22	
		60	5300.0	22	
		64	5320.0	21	
		100	5500.0	14	
		104	5520.0	22	
		108	5540.0	22	
		112	5560.0	22	
		116	5580.0	22	
		132	5660.0	22	
		136	5680.0	22	
		140	5700.0	8	
		149	5745.0	22	
		153	5765.0	22	
		157	5785.0	22	
		161	5805.0	22	
		165	5825.0	22	

Test Mode	Date Rate	Channel	Frequency (MHz)	RF power setting in Test Software	Test Software Version
Mode 4	13.5 M	38	5190.0	9	FCC Test App
		46	5230.0	22	
		54	5270.0	22	
		62	5310.0	10	
		102	5510.0	9	
		110	5550.0	22	
		134	5670.0	17	
		151	5755.0	22	
		159	5795.0	22	

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	6 M	11.37	0.014	≤ 24
5200		12.05	0.016	
5220		12.00	0.016	
5240		11.95	0.016	
5260		12.11	0.016	
5280		12.08	0.016	
5300		12.00	0.016	
5320		12.12	0.016	
5500		12.05	0.016	
5520		12.91	0.020	
5540		12.82	0.019	≤ 30
5560		12.85	0.019	
5580		12.96	0.020	
5660		13.31	0.021	
5680		13.33	0.022	
5700		13.26	0.021	
5745		13.65	0.023	
5765		13.41	0.022	
5785		13.40	0.022	
5805		13.55	0.023	
5825		13.54	0.023	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	54 M	11.33	0.014	≤ 24
5200		12.03	0.016	
5220		11.98	0.016	
5240		11.93	0.016	
5260		12.08	0.016	
5280		11.97	0.016	
5300		12.09	0.016	
5320		12.10	0.016	
5500		12.01	0.016	
5520		12.89	0.019	
5540		12.80	0.019	
5560		12.81	0.019	
5580		12.93	0.020	
5660		13.30	0.021	
5680		13.31	0.021	
5700		13.23	0.021	≤ 30
5745		13.63	0.023	
5765		13.38	0.022	
5785		13.37	0.022	
5805		13.52	0.022	
5825		13.51	0.022	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	6.5 M	11.15	0.013	≤ 24
5200		11.81	0.015	
5220		11.73	0.015	
5240		11.80	0.015	
5260		12.08	0.016	
5280		12.38	0.017	
5300		12.28	0.017	
5320		12.19	0.017	
5500		11.18	0.013	
5520		13.18	0.021	
5540		13.12	0.021	
5560		13.72	0.024	
5580		13.64	0.023	
5660		13.50	0.022	
5680		13.48	0.022	
5700		8.87	0.008	≤ 30
5745		13.29	0.021	
5765		13.33	0.022	
5785		13.37	0.022	
5805		13.48	0.022	
5825		13.45	0.022	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5180	72.2 M	11.12	0.013	≤ 24
5200		11.79	0.015	
5220		11.70	0.015	
5240		11.77	0.015	
5260		12.05	0.016	
5280		12.35	0.017	
5300		12.25	0.017	
5320		12.16	0.016	
5500		11.15	0.013	
5520		13.15	0.021	
5540		13.10	0.020	
5560		13.70	0.023	
5580		13.61	0.023	
5660		13.47	0.022	≤ 30
5680		13.45	0.022	
5700		8.84	0.008	
5745		13.26	0.021	
5765		13.30	0.021	
5785		13.34	0.022	
5805		13.45	0.022	
5825		13.41	0.022	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		FCC Limit (dBm)
		(dBm)	(W)	
5190	13.5 M	5.64	0.004	≤ 24
5230		9.52	0.009	
5270		9.72	0.009	
5310		6.60	0.005	
5510		7.19	0.005	
5550		11.20	0.013	
5670		11.14	0.013	
5755		11.33	0.014	≤ 30
5795		11.52	0.014	
5190	150 M	5.61	0.004	≤ 24
5230		9.50	0.009	
5270		9.69	0.009	
5310		6.57	0.005	
5510		7.16	0.005	
5550		11.18	0.013	
5670		11.11	0.013	
5755		11.30	0.013	≤ 30
5795		11.50	0.014	

Note: The relevant measured result has the offset with cable loss already.

26 dB RF Bandwidth Measurement

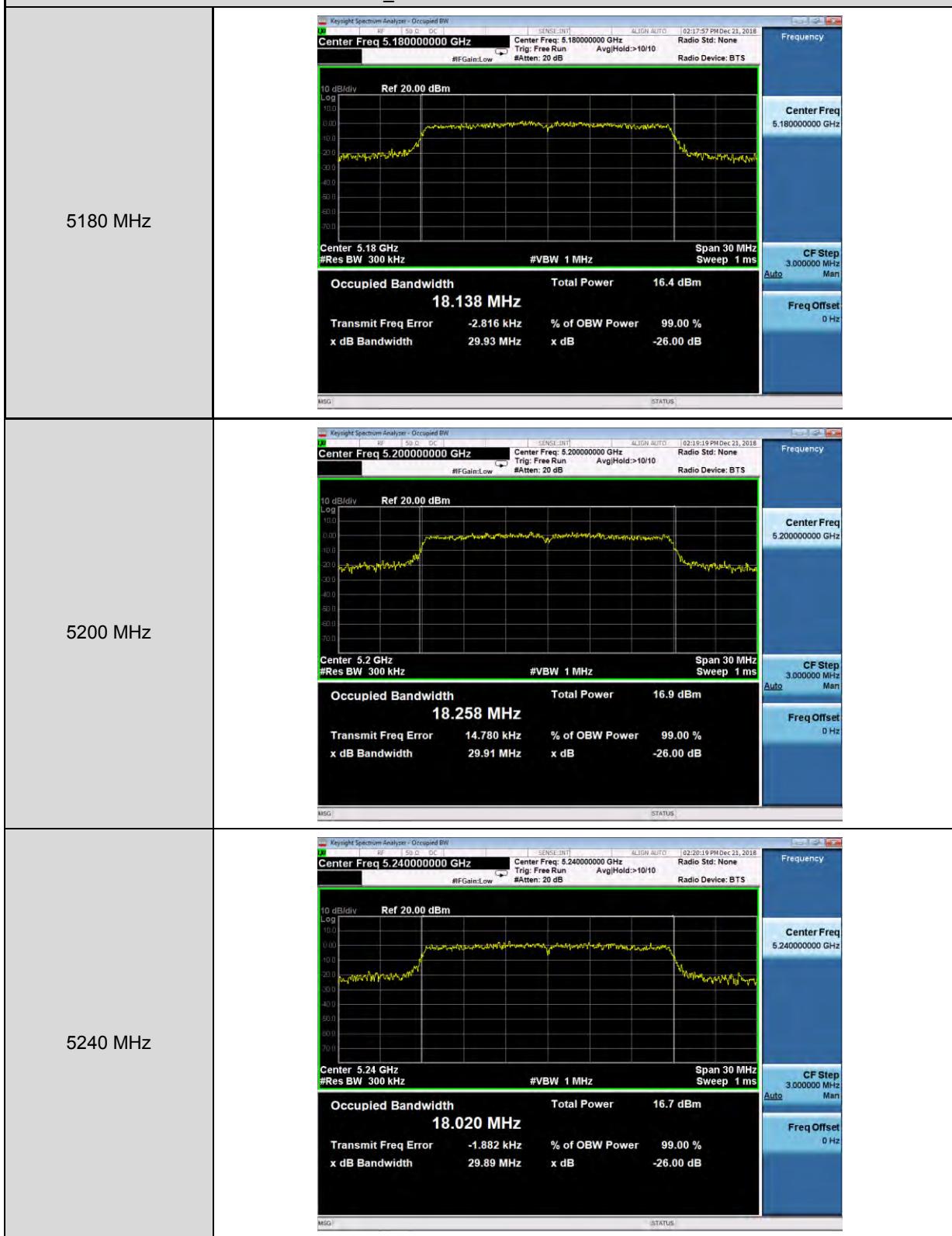
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode
Frequency (MHz)	ANT-0
5180	29.930
5200	29.910
5240	29.890
5260	29.950
5280	29.830
5320	29.890
5500	29.860
5560	29.980
5700	28.580

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Frequency (MHz)	ANT-0
5180	29.430
5200	29.970
5240	29.780
5260	29.660
5280	29.940
5320	29.900
5500	29.880
5560	29.840
5700	28.510

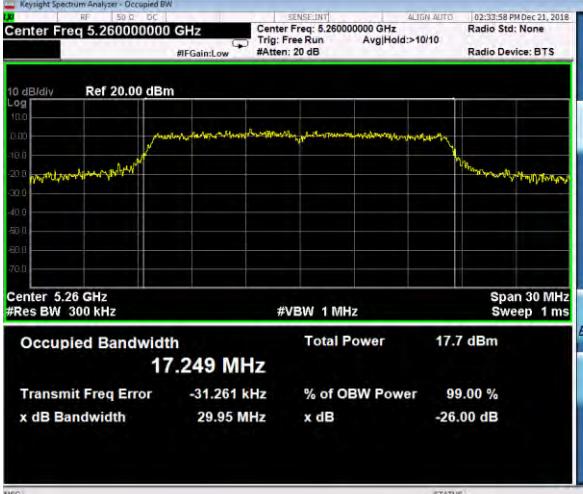
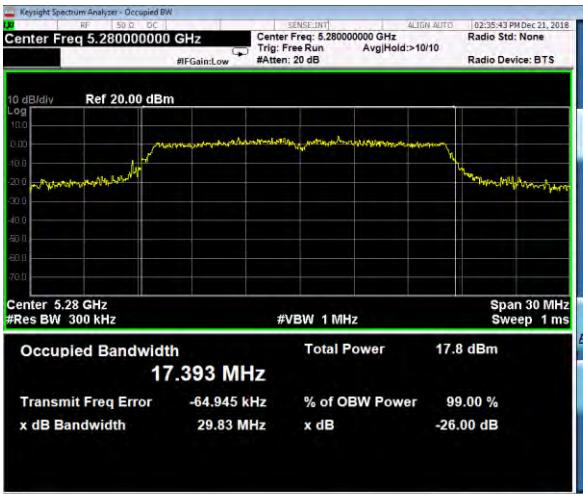
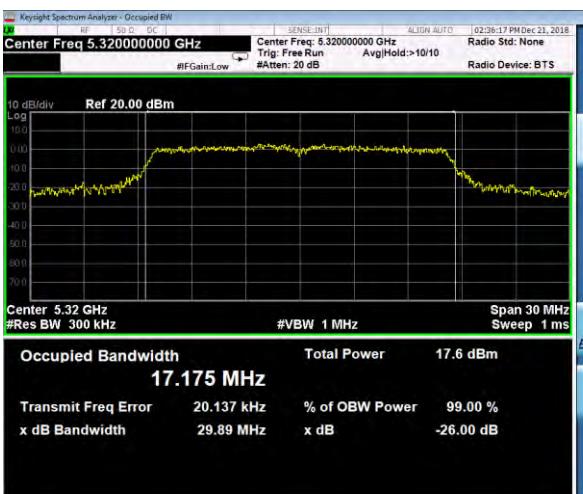
Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode
Frequency (MHz)	ANT-0
5190	44.690
5230	54.000
5270	54.500
5310	43.620
5510	49.560
5550	54.670
5670	54.870

■ Test Graphs

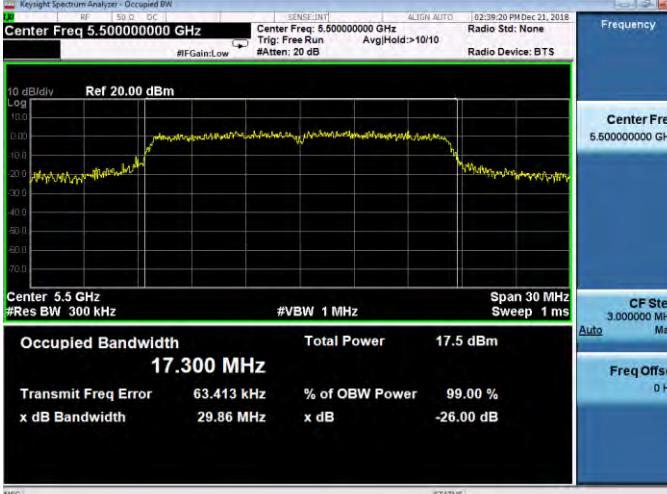
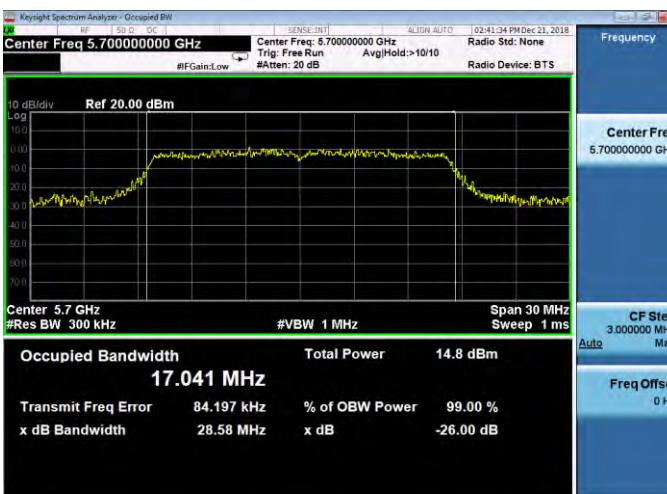
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



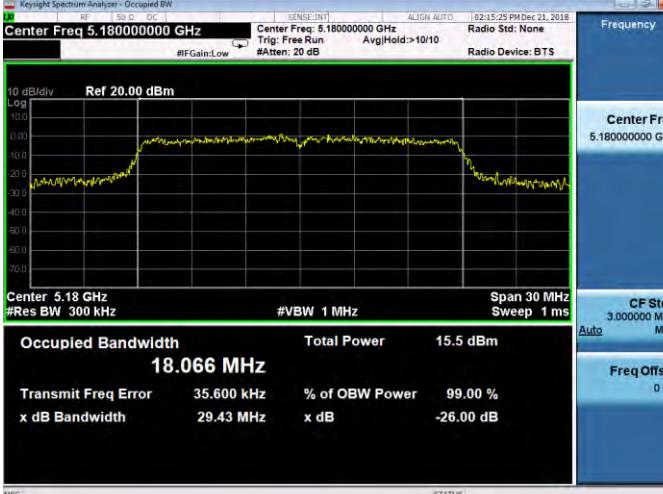
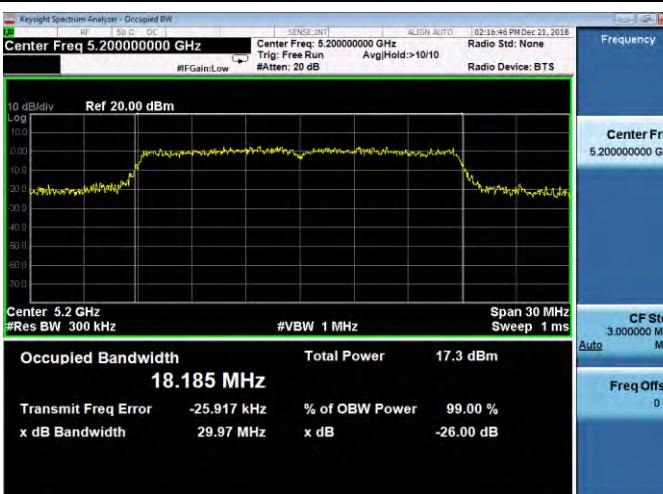
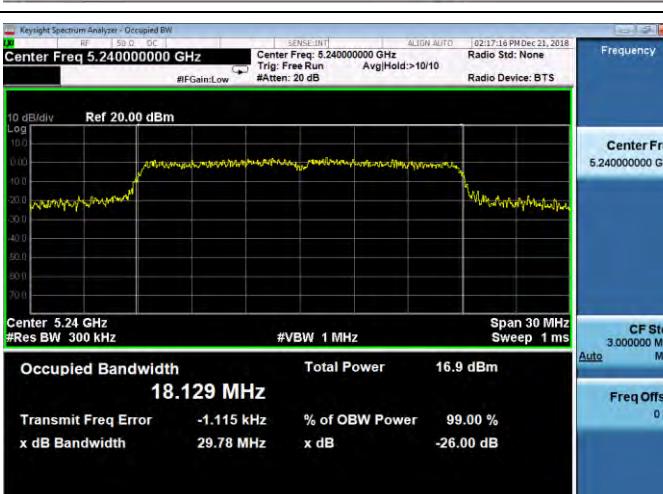
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0

5260 MHz	 <p>Keylight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.260000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.249 MHz</p> <p>Total Power 17.7 dBm</p> <p>Transmit Freq Error -31.261 kHz</p> <p>x dB Bandwidth 29.95 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>Frequency</p> <p>Center Freq 5.260000000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>
5280 MHz	 <p>Keylight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.280000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.393 MHz</p> <p>Total Power 17.8 dBm</p> <p>Transmit Freq Error -64.945 kHz</p> <p>x dB Bandwidth 29.83 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>Frequency</p> <p>Center Freq 5.280000000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>
5320 MHz	 <p>Keylight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.320000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.175 MHz</p> <p>Total Power 17.6 dBm</p> <p>Transmit Freq Error 20.137 kHz</p> <p>x dB Bandwidth 29.89 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>Frequency</p> <p>Center Freq 5.320000000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>

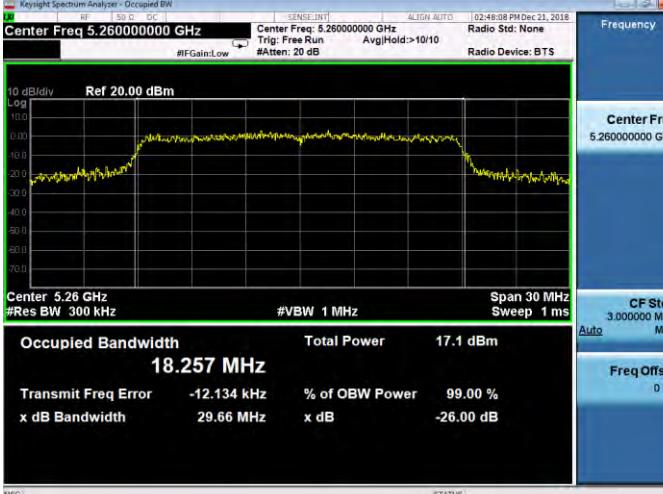
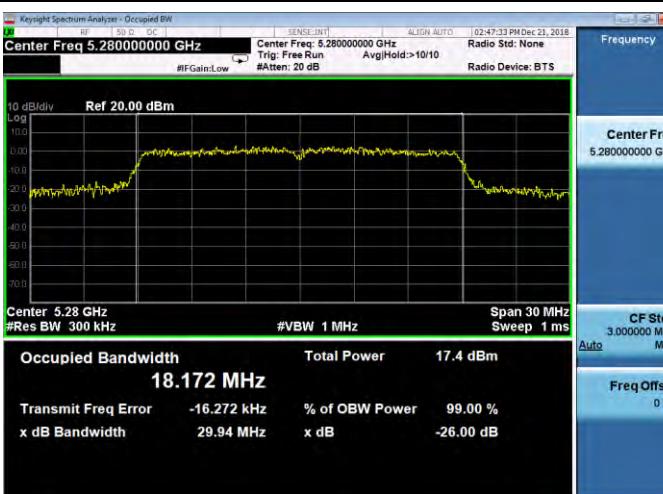
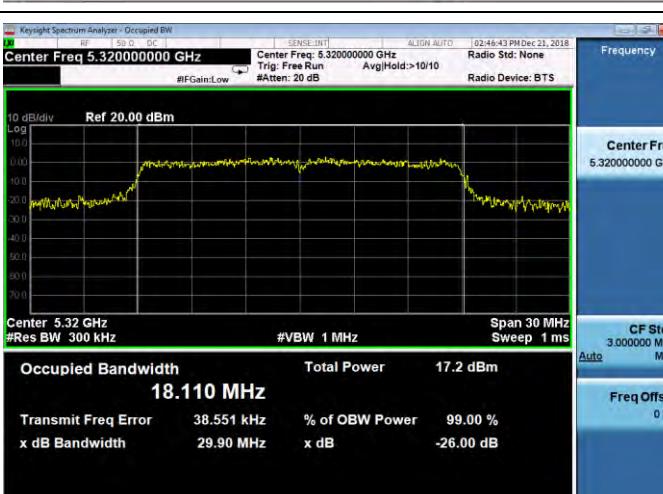
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0

5500 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.500000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.300 MHz</p> <p>Total Power 17.5 dBm</p> <p>Transmit Freq Error 63.413 kHz</p> <p>x dB Bandwidth 29.86 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5560 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.560000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.999 MHz</p> <p>Total Power 18.5 dBm</p> <p>Transmit Freq Error 176.04 kHz</p> <p>x dB Bandwidth 29.98 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5700 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.700000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.041 MHz</p> <p>Total Power 14.8 dBm</p> <p>Transmit Freq Error 84.197 kHz</p> <p>x dB Bandwidth 28.58 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

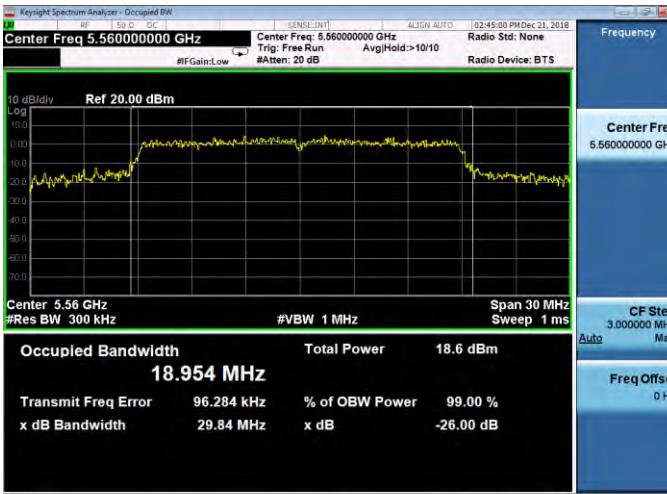
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ANT-0

5180 MHz	 <p>Occupied Bandwidth Total Power 18.066 MHz 15.5 dBm</p> <p>Transmit Freq Error 35.600 kHz % of OBW Power 99.00 % x dB Bandwidth 29.43 MHz x dB -26.00 dB</p>
5200 MHz	 <p>Occupied Bandwidth Total Power 18.185 MHz 17.3 dBm</p> <p>Transmit Freq Error -25.917 kHz % of OBW Power 99.00 % x dB Bandwidth 29.97 MHz x dB -26.00 dB</p>
5240 MHz	 <p>Occupied Bandwidth Total Power 18.129 MHz 16.9 dBm</p> <p>Transmit Freq Error -1.115 kHz % of OBW Power 99.00 % x dB Bandwidth 29.78 MHz x dB -26.00 dB</p>

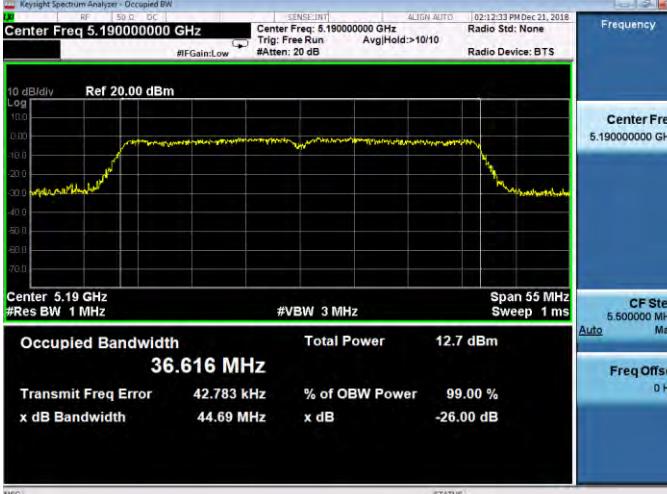
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ANT-0

5260 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.260000000 GHz SENSE INT ALIGN AUTO 02:48:08 PM Dec 23, 2018</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.257 MHz</p> <p>Total Power 17.1 dBm</p> <p>Transmit Freq Error -12.134 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.66 MHz x dB -26.00 dB</p>
5280 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.280000000 GHz SENSE INT ALIGN AUTO 02:47:33 PM Dec 23, 2018</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.172 MHz</p> <p>Total Power 17.4 dBm</p> <p>Transmit Freq Error -16.272 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.94 MHz x dB -26.00 dB</p>
5320 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.320000000 GHz SENSE INT ALIGN AUTO 02:48:43 PM Dec 23, 2018</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.110 MHz</p> <p>Total Power 17.2 dBm</p> <p>Transmit Freq Error 38.551 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.90 MHz x dB -26.00 dB</p>

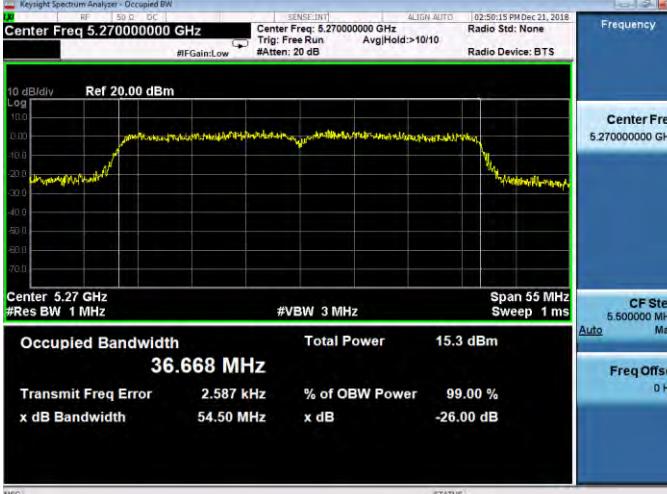
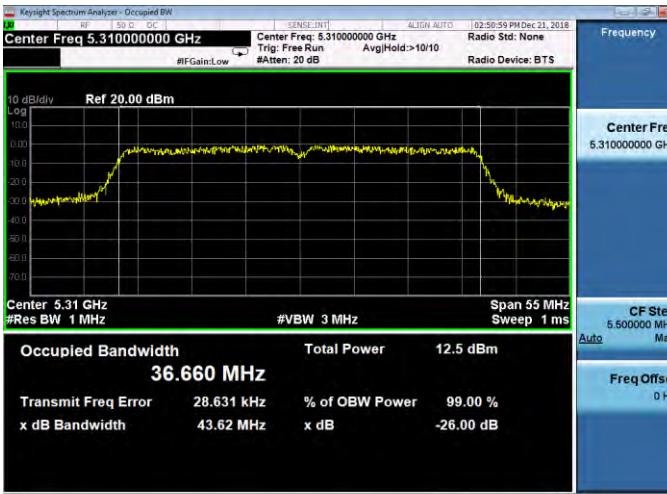
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ANT-0

5500 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.500000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.012 MHz</p> <p>Total Power 16.6 dBm</p> <p>Transmit Freq Error 24.152 kHz</p> <p>x dB Bandwidth 29.88 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5560 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.560000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 18.954 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 96.284 kHz</p> <p>x dB Bandwidth 29.84 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5700 MHz	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.700000000 GHz</p> <p>Ref 20.00 dBm</p> <p>Occupied Bandwidth 17.908 MHz</p> <p>Total Power 14.7 dBm</p> <p>Transmit Freq Error 49.293 kHz</p> <p>x dB Bandwidth 28.51 MHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

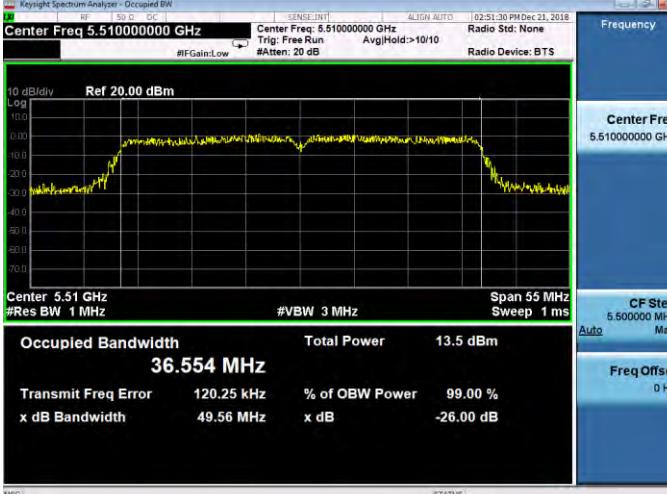
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode _ANT-0

5190 MHz	 <p>Occupied Bandwidth 36.616 MHz</p> <p>Transmit Freq Error 42.783 kHz % of OBW Power 99.00 % x dB Bandwidth 44.69 MHz x dB -26.00 dB</p>
5230 MHz	 <p>Occupied Bandwidth 36.699 MHz</p> <p>Transmit Freq Error -6.203 kHz % of OBW Power 99.00 % x dB Bandwidth 54.00 MHz x dB -26.00 dB</p>

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode _ANT-0

5270 MHz	 <p>Occupied Bandwidth 36.668 MHz Total Power 15.3 dBm</p>
5310 MHz	 <p>Occupied Bandwidth 36.660 MHz Total Power 12.5 dBm</p>

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode _ANT-0

5510 MHz	 <p>Occupied Bandwidth Total Power 36.554 MHz 13.5 dBm</p> <p>Transmit Freq Error 120.25 kHz % of OBW Power 99.00 % x dB Bandwidth 49.56 MHz x dB -26.00 dB</p>
5550 MHz	 <p>Occupied Bandwidth Total Power 36.918 MHz 17.9 dBm</p> <p>Transmit Freq Error 86.984 kHz % of OBW Power 99.00 % x dB Bandwidth 54.67 MHz x dB -26.00 dB</p>
5670 MHz	 <p>Occupied Bandwidth Total Power 36.887 MHz 17.4 dBm</p> <p>Transmit Freq Error 17.510 kHz % of OBW Power 99.00 % x dB Bandwidth 54.87 MHz x dB -26.00 dB</p>

6 dB RF Bandwidth Measurement

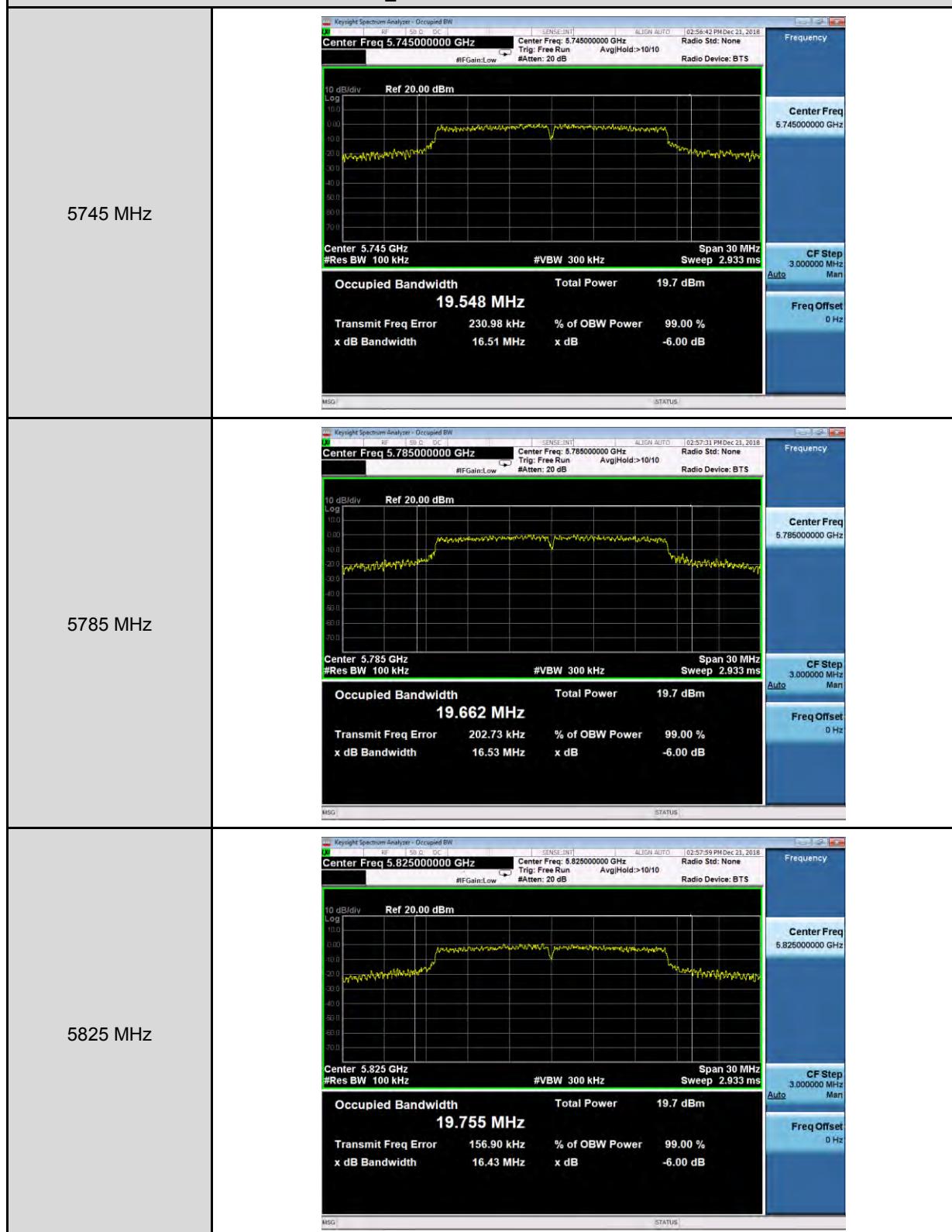
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745	16510	≥ 500
5785	16530	≥ 500
5825	16430	≥ 500

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745	17740	≥ 500
5785	17790	≥ 500
5825	17830	≥ 500

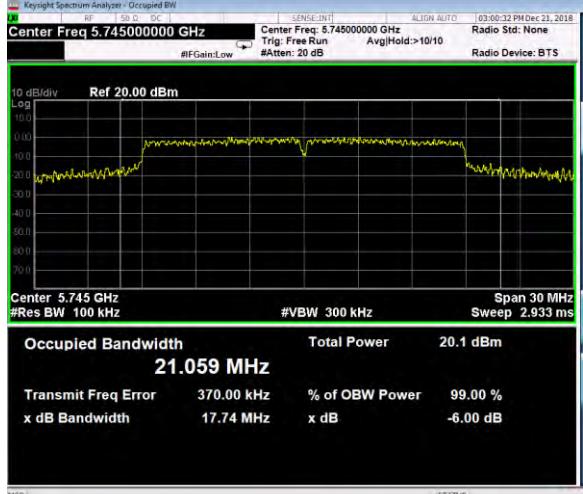
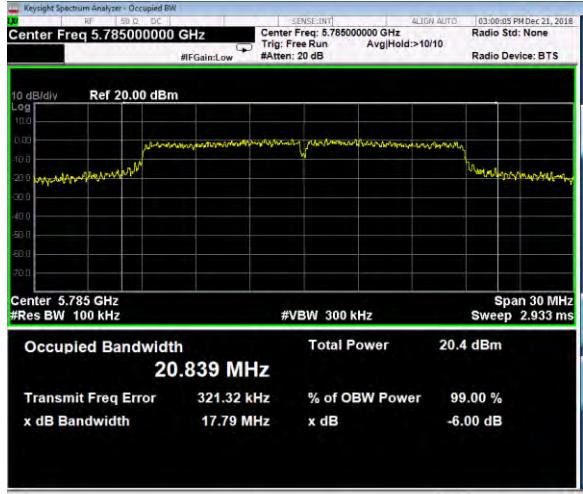
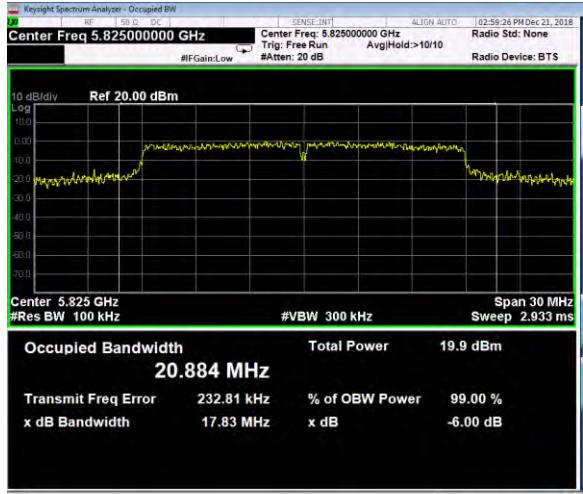
Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5755	36440	≥ 500
5795	36450	≥ 500

■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0

5745 MHz	 <p>Occupied Bandwidth Total Power 21.059 MHz 20.1 dBm</p> <p>Transmit Freq Error 370.00 kHz % of OBW Power 99.00 % x dB Bandwidth 17.74 MHz x dB -6.00 dB</p>	Frequency Center Freq 5.745000000 GHz CF Step 3.000000 MHz Auto Freq Offset 0 Hz
5785 MHz	 <p>Occupied Bandwidth Total Power 20.839 MHz 20.4 dBm</p> <p>Transmit Freq Error 321.32 kHz % of OBW Power 99.00 % x dB Bandwidth 17.79 MHz x dB -6.00 dB</p>	Frequency Center Freq 5.785000000 GHz CF Step 3.000000 MHz Auto Freq Offset 0 Hz
5825 MHz	 <p>Occupied Bandwidth Total Power 20.884 MHz 19.9 dBm</p> <p>Transmit Freq Error 232.81 kHz % of OBW Power 99.00 % x dB Bandwidth 17.83 MHz x dB -6.00 dB</p>	Frequency Center Freq 5.825000000 GHz CF Step 3.000000 MHz Auto Freq Offset 0 Hz

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0

5755 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz Trig: Free Run Avg Hold:>10/10 Radio Std: None Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 36.333 MHz</p> <p>Total Power 17.8 dBm</p> <p>Transmit Freq Error 9.871 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 36.44 MHz x dB -6.00 dB</p> <p>CF Step 5.000000 MHz Freq Offset 0 Hz</p>
5795 MHz	 <p>Keystream Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz Trig: Free Run Avg Hold:>10/10 Radio Std: None Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 36.345 MHz</p> <p>Total Power 17.9 dBm</p> <p>Transmit Freq Error 9.076 kHz % of OBW Power 99.00 %</p> <p>x dB Bandwidth 36.45 MHz x dB -6.00 dB</p> <p>CF Step 5.000000 MHz Freq Offset 0 Hz</p>

Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a link mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.490	0.000	0.490	≤ 11
5200	1.280	0.000	1.280	
5240	0.794	0.000	0.794	
5260	1.234	0.000	1.234	
5280	1.133	0.000	1.133	
5320	1.142	0.000	1.142	
5500	2.012	0.000	2.012	
5560	3.382	0.000	3.382	
5700	-1.059	0.000	-1.059	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 2: IEEE 802.11a link mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-6.55	0.000	0.44	≤ 30
5785	-5.79	0.000	1.20	
5825	-5.80	0.000	1.19	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = $10 \times \log(500 \text{ k}/100 \text{ k})$

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-0.551	0.000	-0.551	≤ 11
5200	0.847	0.000	0.847	
5240	0.913	0.000	0.913	
5260	1.071	0.000	1.071	
5280	1.083	0.000	1.083	
5320	1.021	0.000	1.021	
5500	0.899	0.000	0.899	
5560	3.249	0.000	3.249	
5700	-1.861	0.000	-1.861	

Note: Method SA-2, Power density = measured result + $10 \log(1/\text{duty cycle})$ + Conversion ratio = measured result + duty factor.

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-6.05	0.000	0.94	≤ 30
5785	-6.12	0.000	0.87	
5825	-5.97	0.000	1.02	

Note: Method SA-2, Power density = measured result + $10 \log(1/\text{duty cycle})$ + Conversion ratio = measured result + duty factor.

Conversion ratio = $10^{\ast} \log(500 \text{ k}/100 \text{ k})$

Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-8.565	0.000	-8.565	≤ 11
5230	-4.610	0.000	-4.610	
5270	-4.632	0.000	-4.632	
5310	-7.779	0.000	-7.779	
5510	-6.611	0.000	-6.611	
5550	-2.017	0.000	-2.017	
5670	-1.912	0.000	-1.912	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

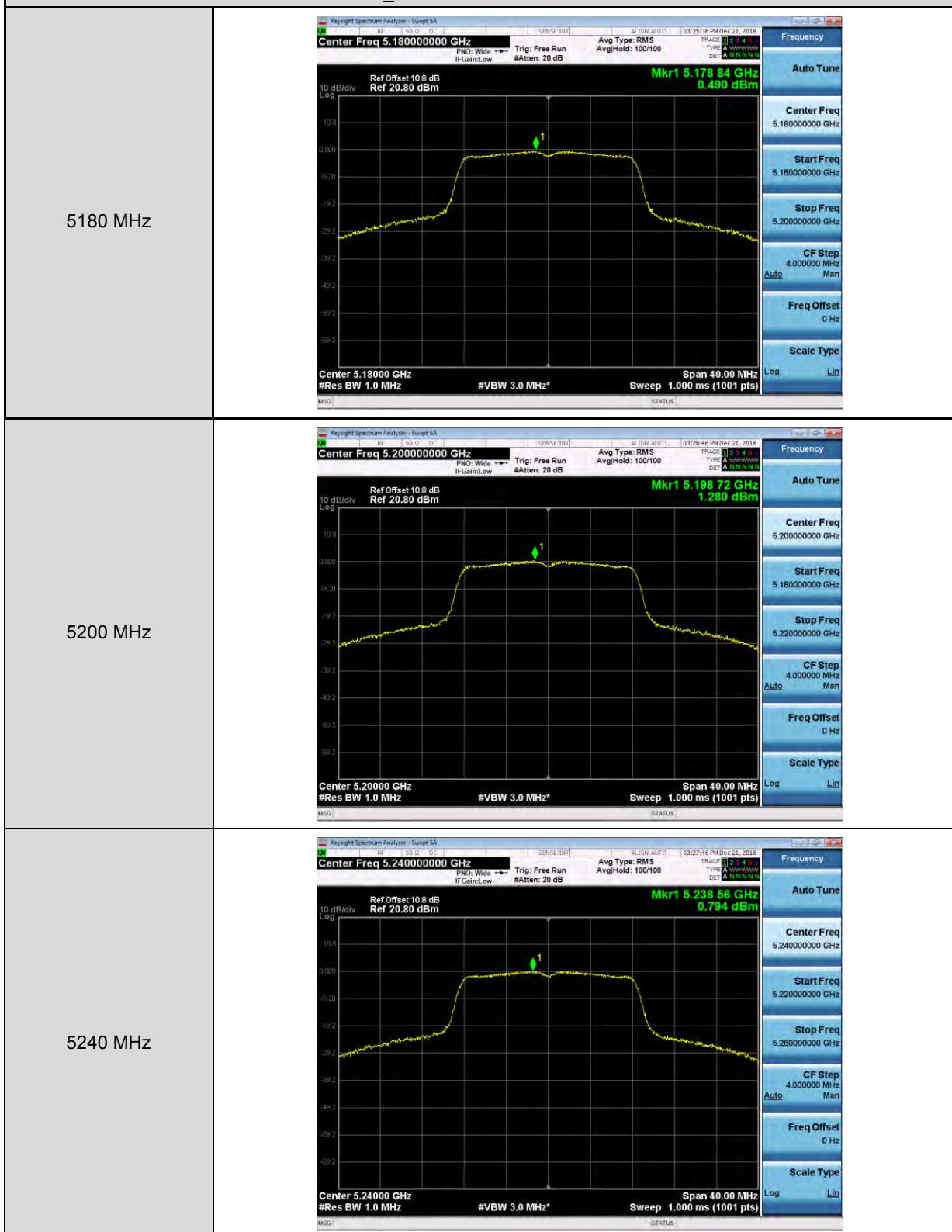
Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-10.99	0.000	-4.00	≤ 30
5795	-11.38	0.000	-4.39	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

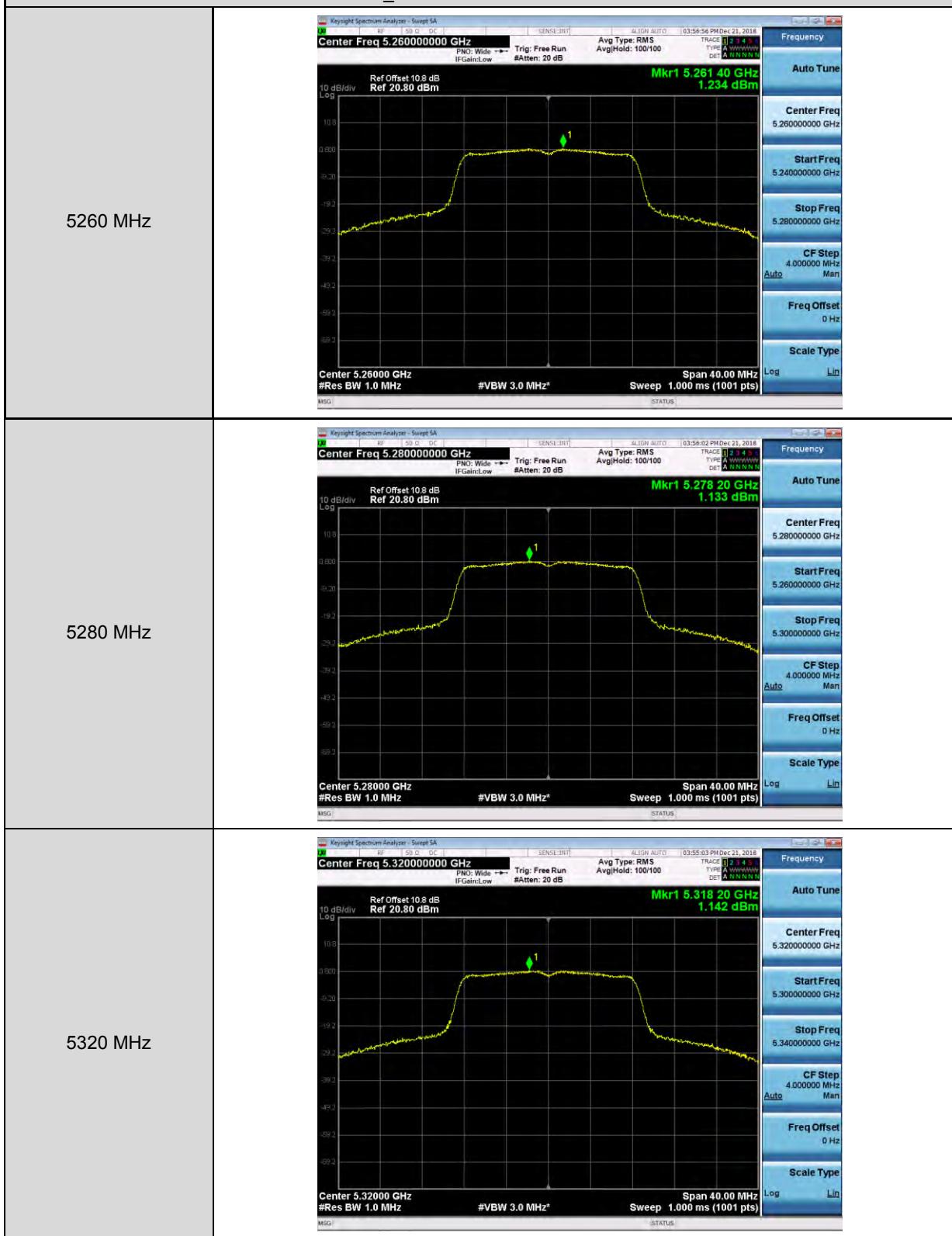
Conversion ratio = $10 \cdot \log(500 \text{ k}/100 \text{ k})$

■ Test Graphs

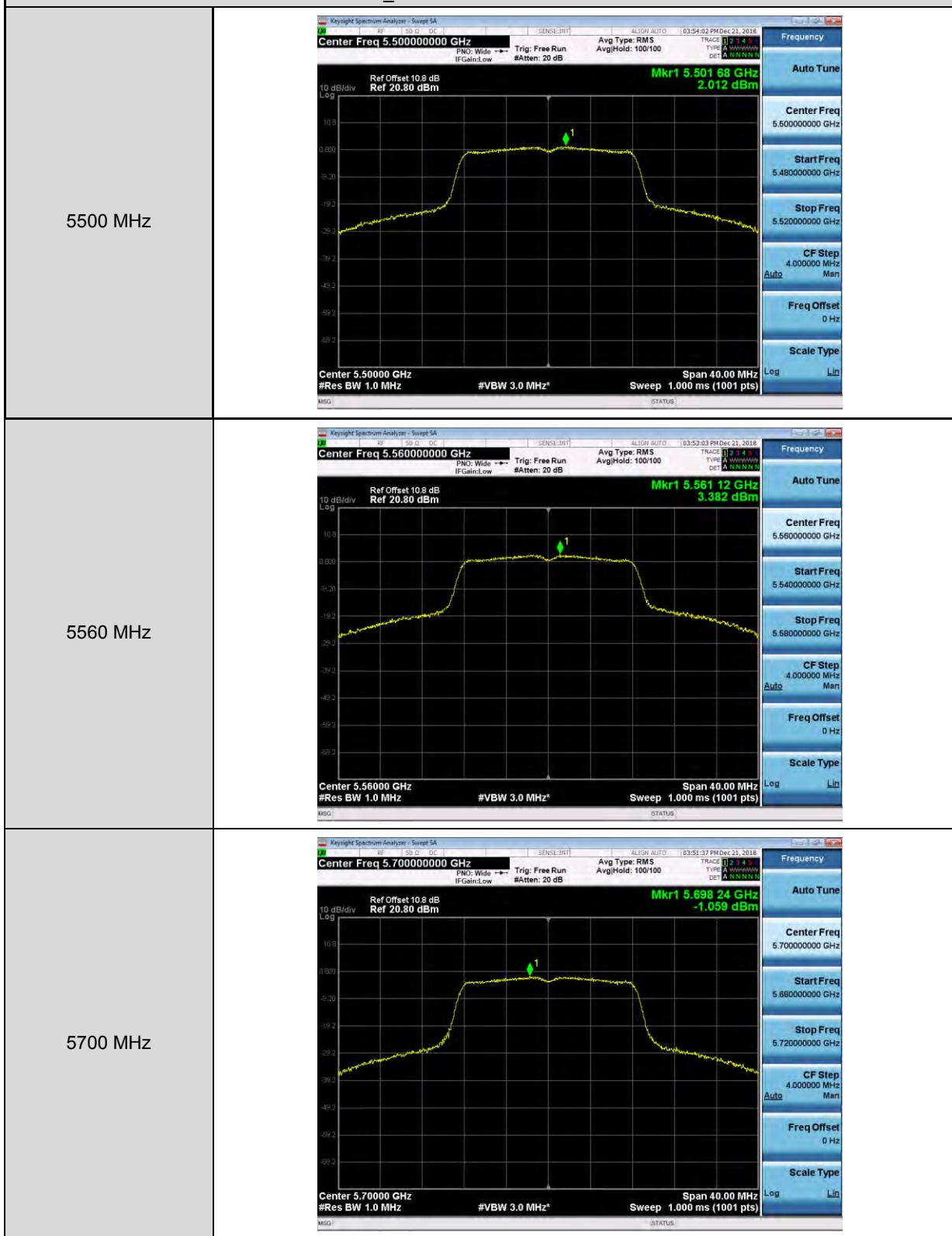
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



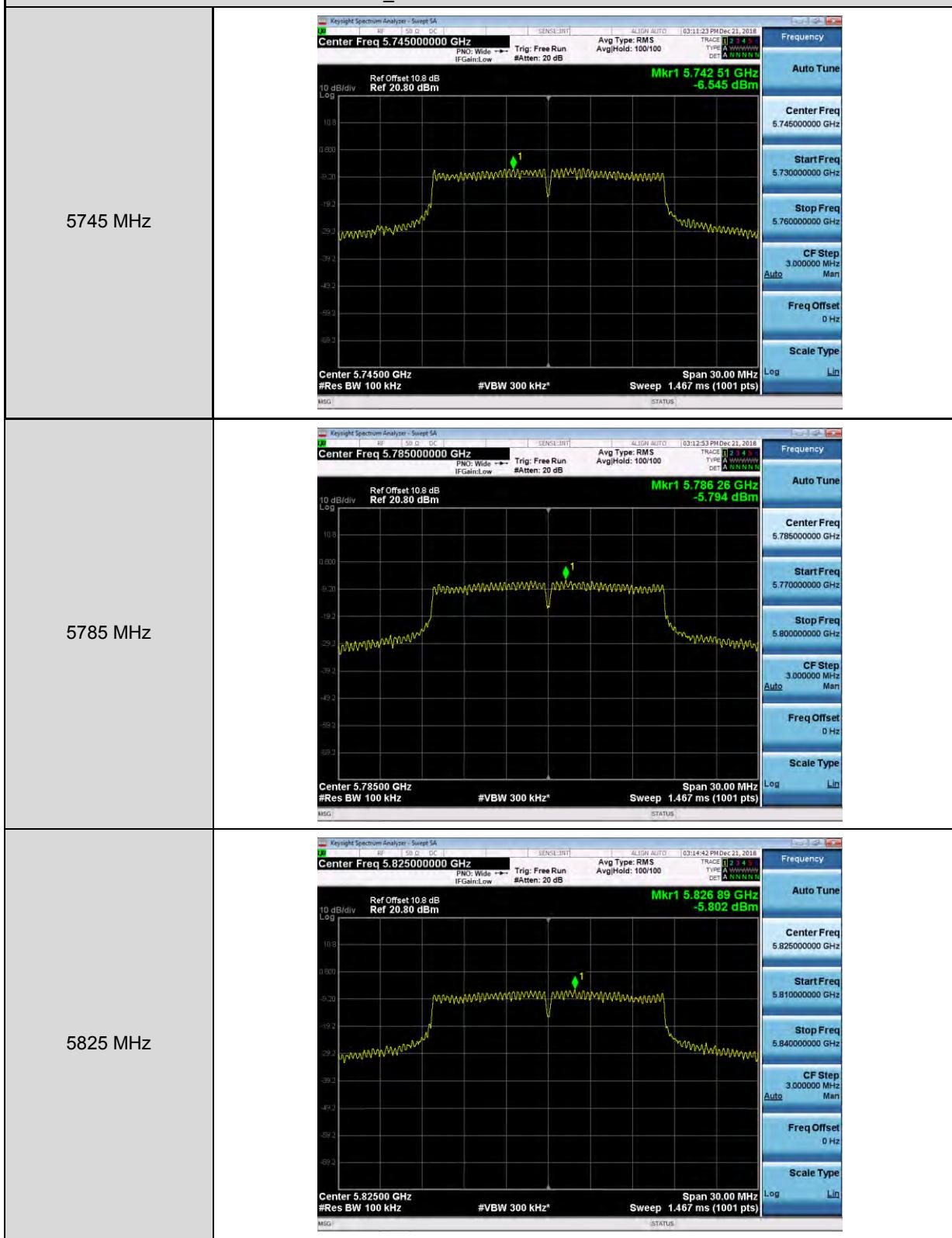
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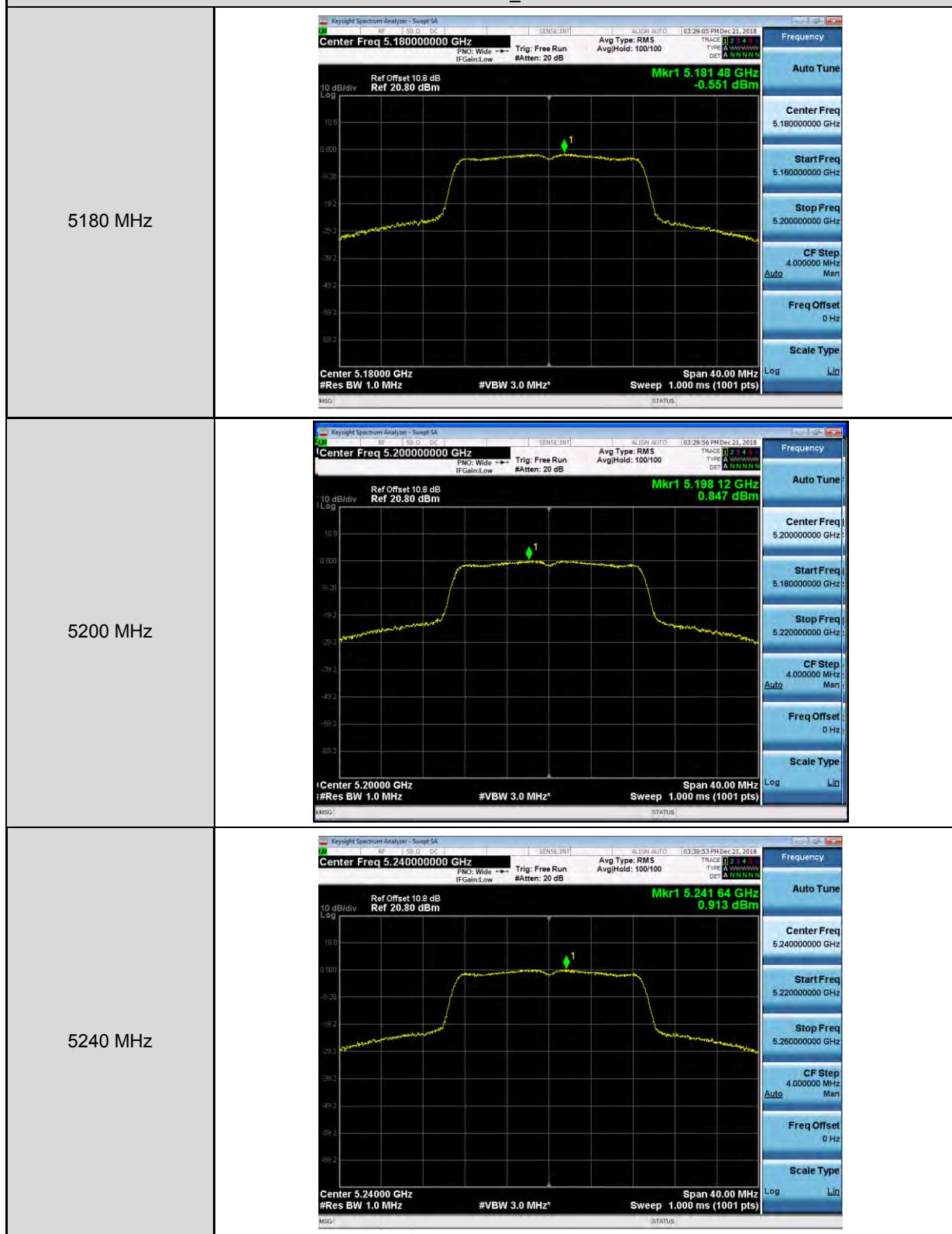
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



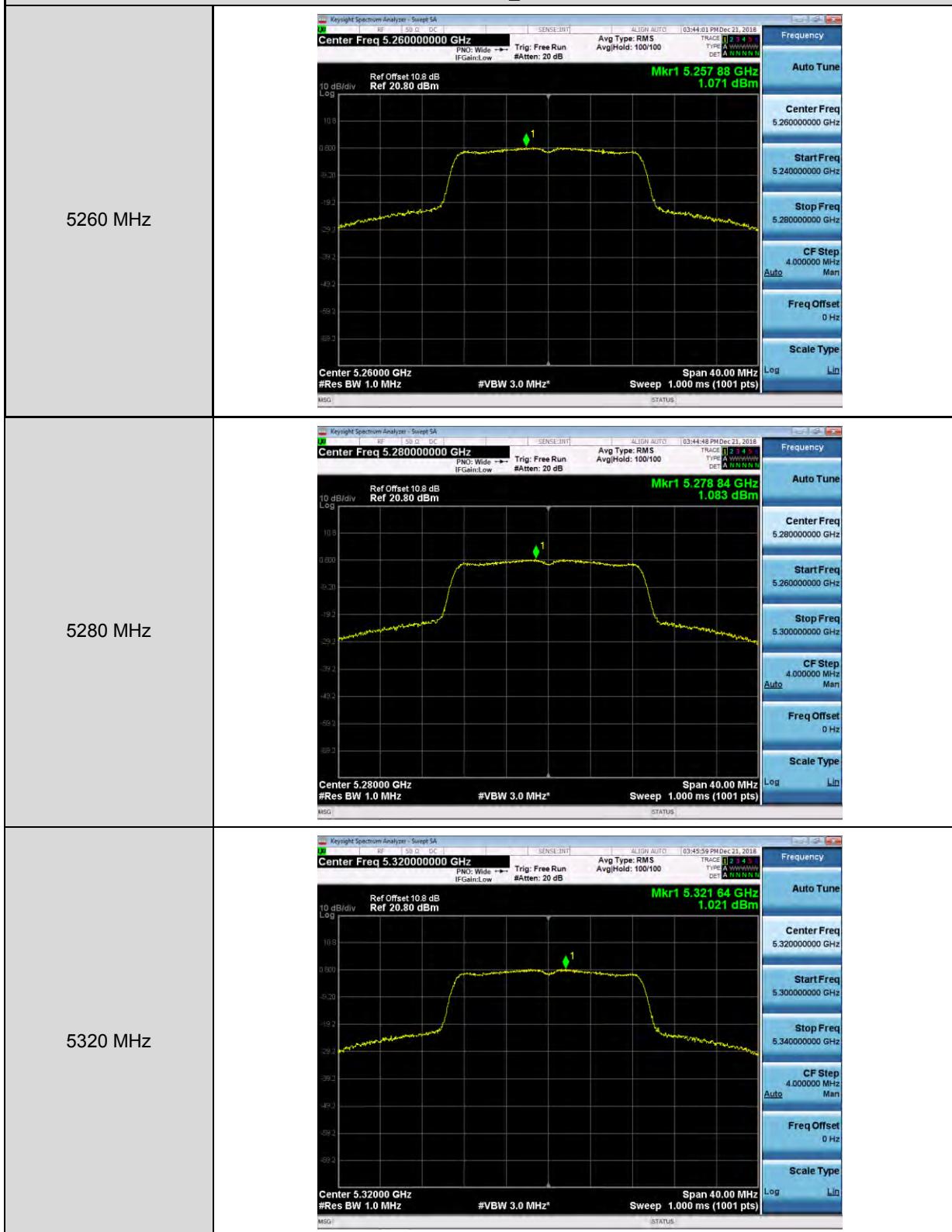
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0



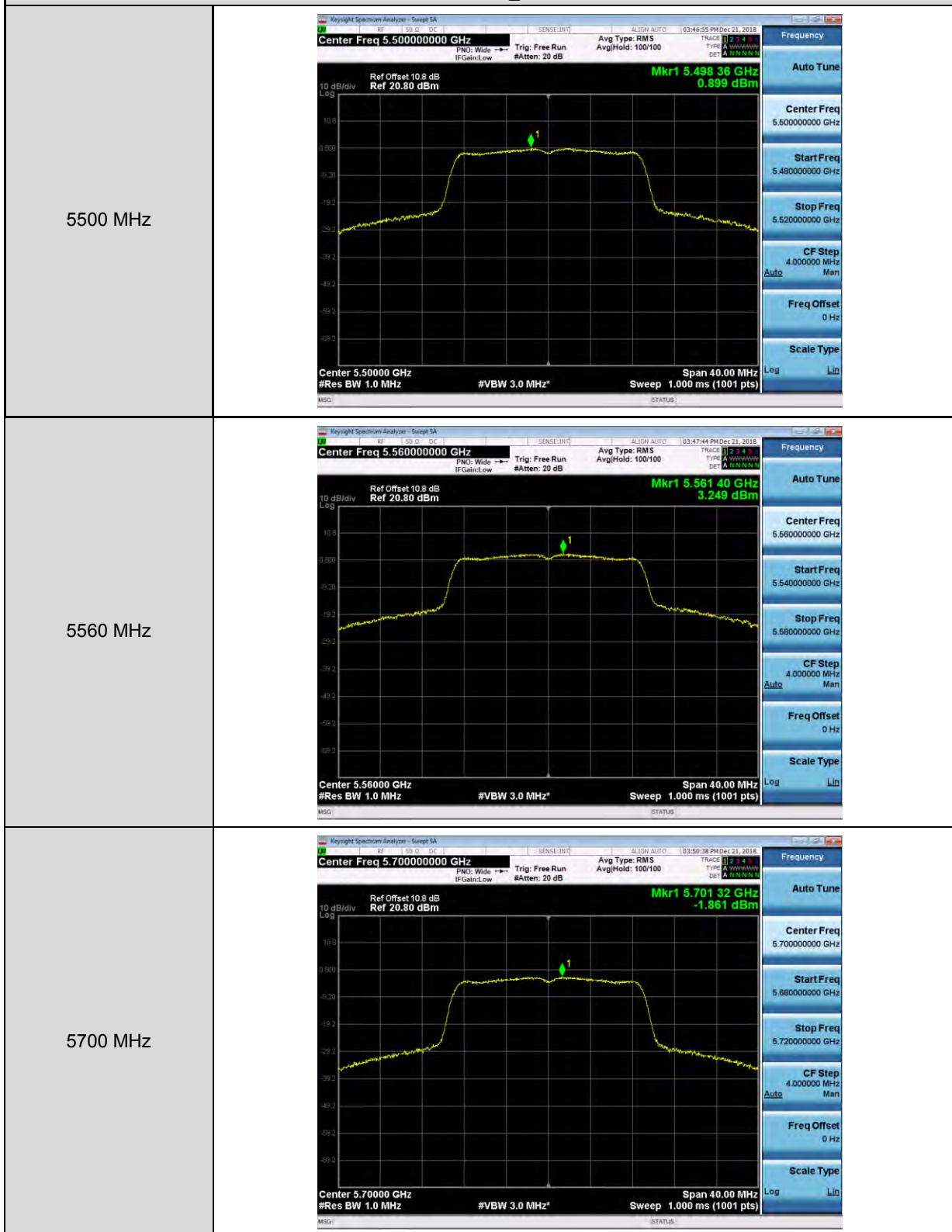
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-0



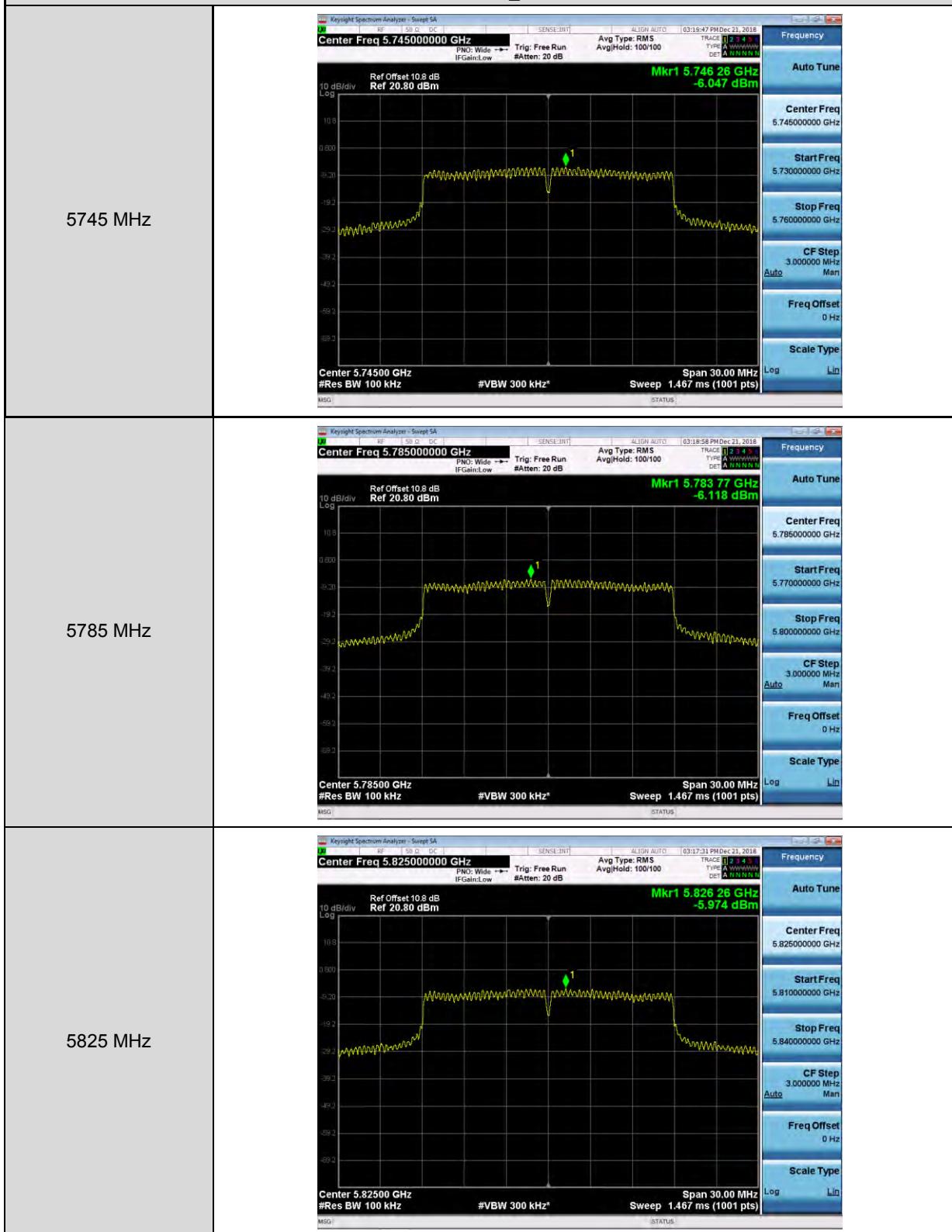
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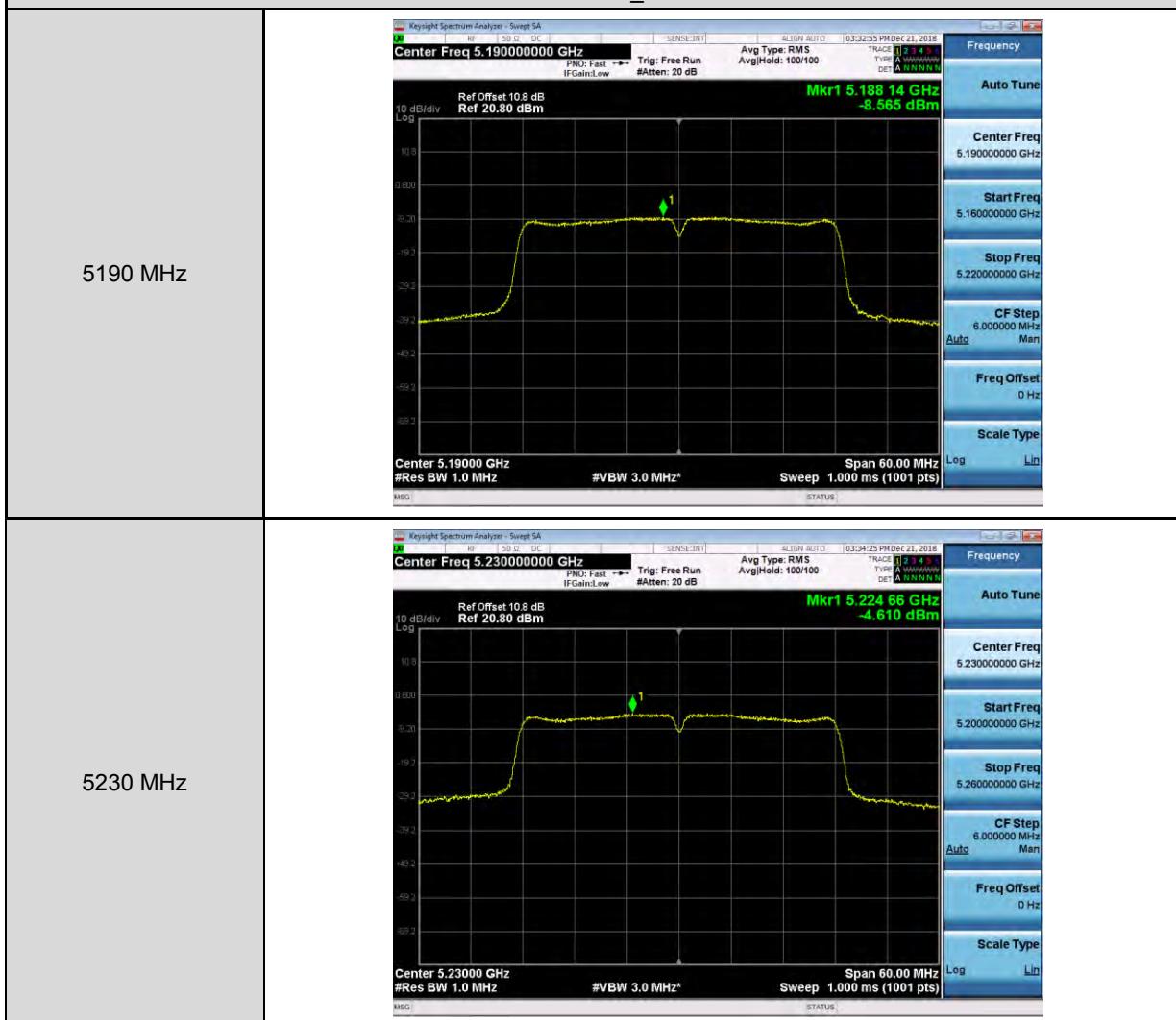
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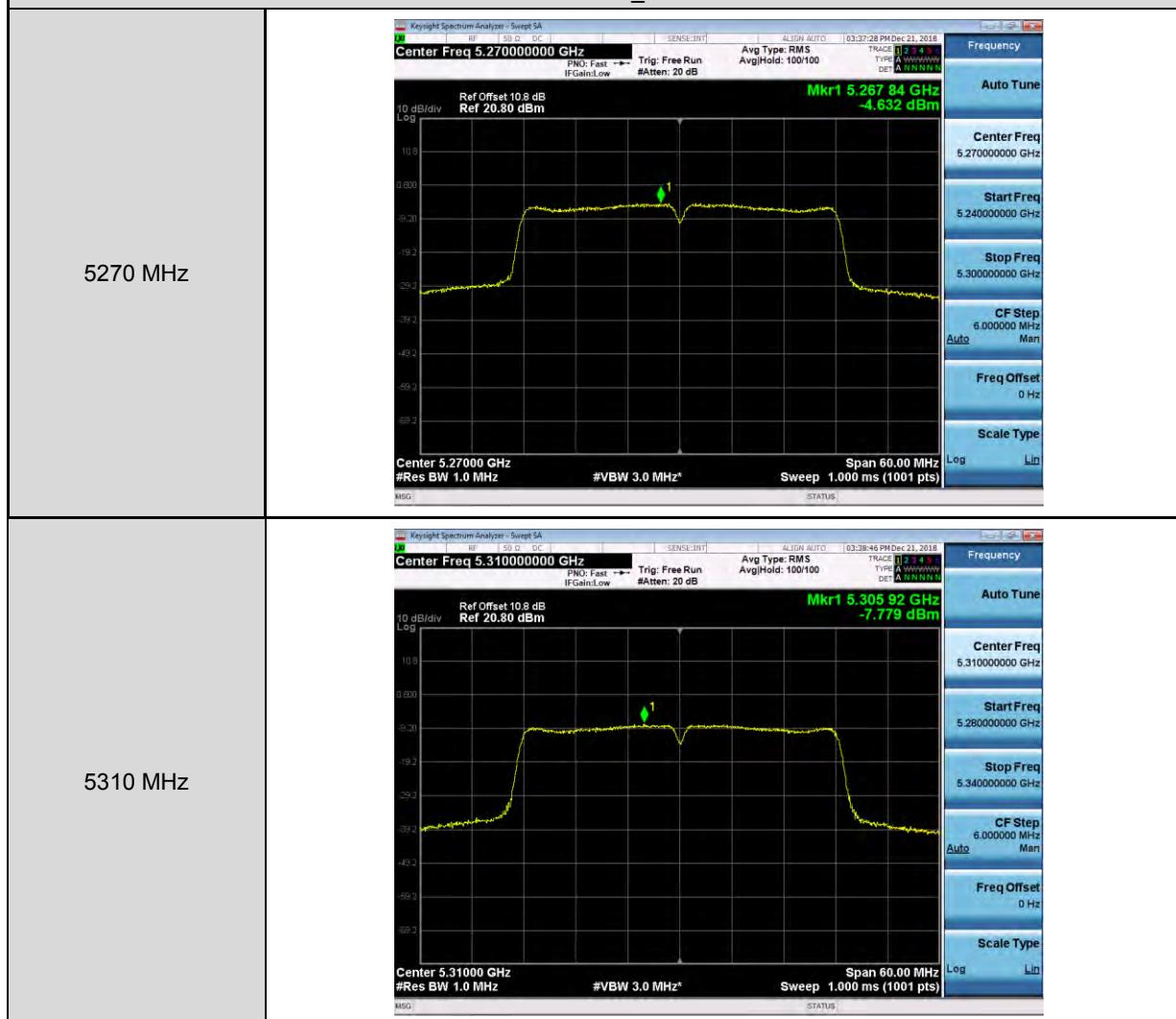
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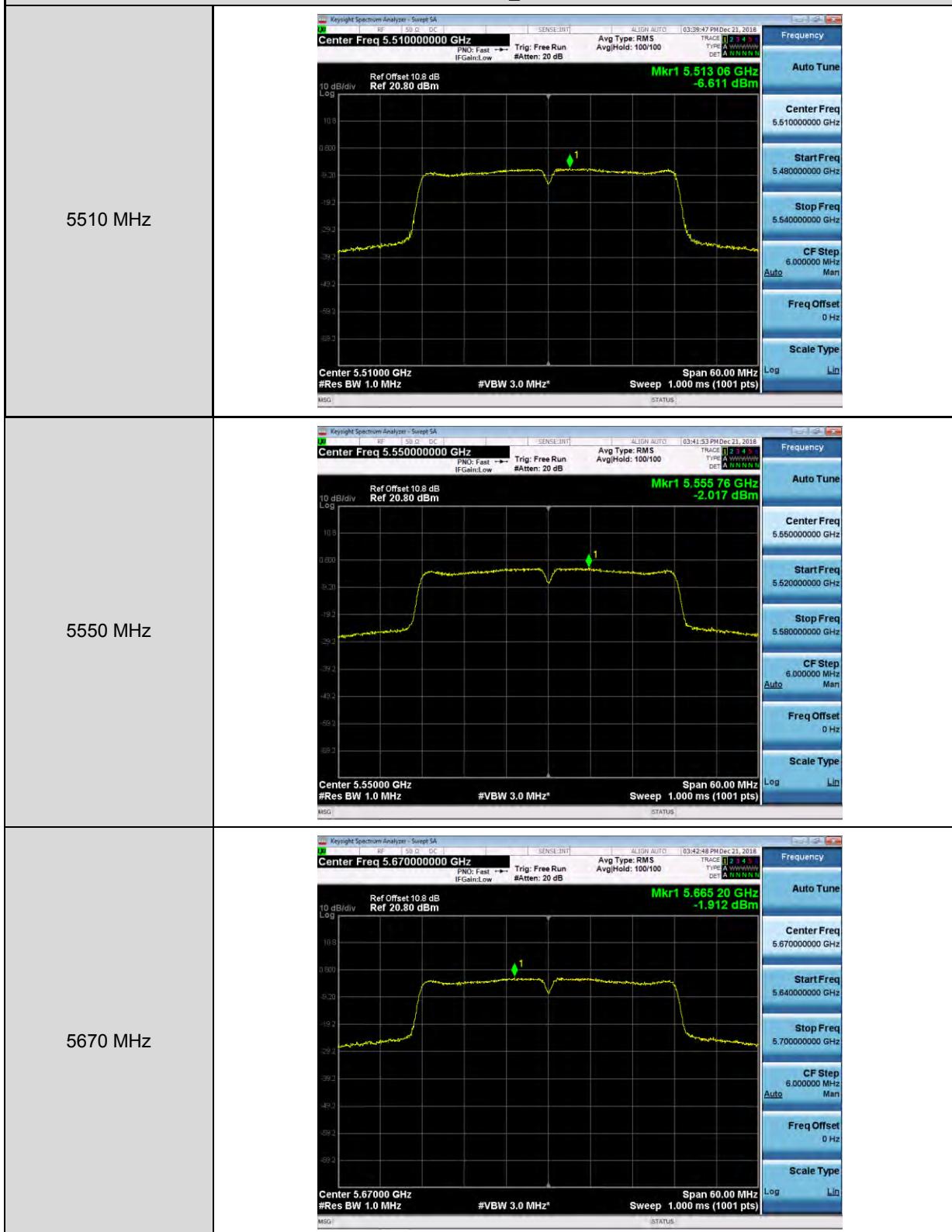
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



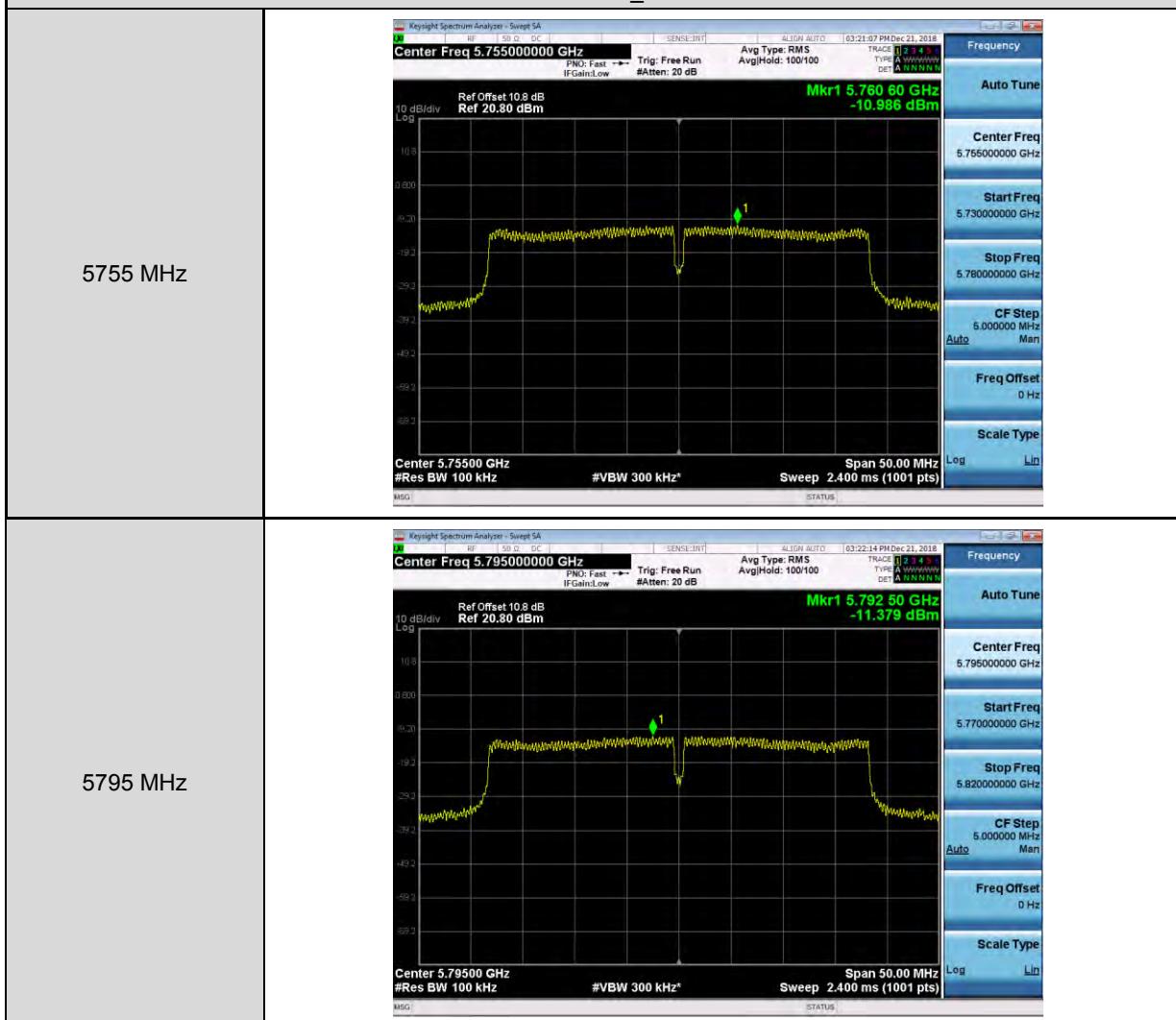
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode _ANT-0



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-0



Frequency Stability Measurement

Temperature Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	-40	120	5199.9968	-3200	-0.615	Pass
	-30		5199.9967	-3300	-0.635	Pass
	-20		5199.9969	-3100	-0.596	Pass
	-10		5199.9991	-900	-0.173	Pass
	0		5200.0036	3600	0.692	Pass
	10		5199.9931	-6900	-1.327	Pass
	20		5199.9951	-4900	-0.942	Pass
	30		5200.0050	5000	0.962	Pass
	40		5200.0098	9800	1.885	Pass
	50		5199.9955	-4500	-0.865	Pass
	60		5199.9956	-4400	-0.846	Pass
	70		5200.0048	4800	0.923	Pass
	80		5200.0039	3900	0.750	Pass
	85		5199.9983	-1700	-0.327	Pass
5280 MHz	-40	120	5279.9949	-5100	-0.966	Pass
	-30		5279.9951	-4900	-0.928	Pass
	-20		5280.0080	8000	1.515	Pass
	-10		5279.9990	-1000	-0.189	Pass
	0		5280.0050	5000	0.947	Pass
	10		5280.0064	6400	1.212	Pass
	20		5279.9948	-5200	-0.985	Pass
	30		5279.9919	-8100	-1.534	Pass
	40		5279.9986	-1400	-0.265	Pass
	50		5280.0069	6900	1.307	Pass
	60		5280.0043	4300	0.814	Pass
	70		5280.0056	5600	1.061	Pass
	80		5280.0084	8400	1.591	Pass
	85		5280.0740	74000	14.015	Pass

Note: The manufacturer's frequency stability specification is better than 20 ppm.

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5560 MHz	-40	120	5559.9962	-3800	-0.683	Pass
	-30		5559.9919	-8100	-1.457	Pass
	-20		5559.9938	-6200	-1.115	Pass
	-10		5559.9960	-4000	-0.719	Pass
	0		5559.9953	-4700	-0.845	Pass
	10		5560.0004	400	0.072	Pass
	20		5559.9917	-8300	-1.493	Pass
	30		5559.9908	-9200	-1.655	Pass
	40		5559.9923	-7700	-1.385	Pass
	50		5559.9956	-4400	-0.791	Pass
	60		5559.9984	-1600	-0.288	Pass
	70		5560.0043	4300	0.773	Pass
	80		5560.0038	3800	0.683	Pass
	85		5560.0054	5400	0.971	Pass
5785 MHz	-40	120	5785.0052	5200	0.899	Pass
	-30		5785.0026	2600	0.449	Pass
	-20		5785.0000	0	0.000	Pass
	-10		5784.9937	-6300	-1.089	Pass
	0		5785.0061	6100	1.054	Pass
	10		5784.9993	-700	-0.121	Pass
	20		5784.9954	-4600	-0.795	Pass
	30		5785.0068	6800	1.175	Pass
	40		5784.9979	-2100	-0.363	Pass
	50		5784.9928	-7200	-1.245	Pass
	60		5785.0046	4600	0.795	Pass
	70		5784.9992	-800	-0.138	Pass
	80		5785.0037	3700	0.640	Pass
	85		5785.008	8000	1.383	Pass

Note: The manufacturer's frequency stability specification is better than 20 ppm.

Voltage Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	20	138.00	5199.9992	-800	-0.154	Pass
		120.00	5200.0091	9100	1.750	Pass
		102.00	5200.0025	2500	0.481	Pass
5280 MHz	20	138.00	5279.9988	-1200	-0.227	Pass
		120.00	5279.9977	-2300	-0.436	Pass
		102.00	5279.9995	-500	-0.095	Pass
5560 MHz	20	138.00	5559.9993	-700	-0.126	Pass
		120.00	5559.9968	-3200	-0.576	Pass
		102.00	5560.0094	9400	1.691	Pass
5785 MHz	20	138.00	5785.0054	5400	0.933	Pass
		120.00	5784.9971	-2900	-0.501	Pass
		102.00	5785.0088	8800	1.521	Pass

Note: The manufacturer's frequency stability specification is better than 20 ppm.