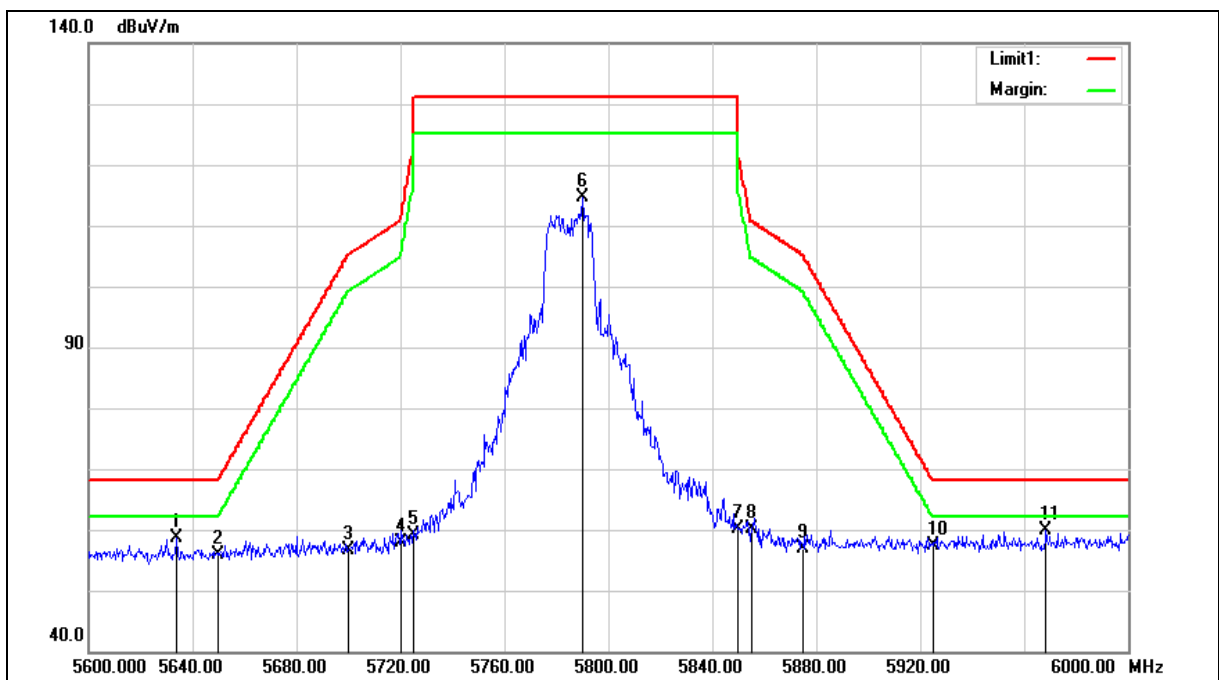




Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

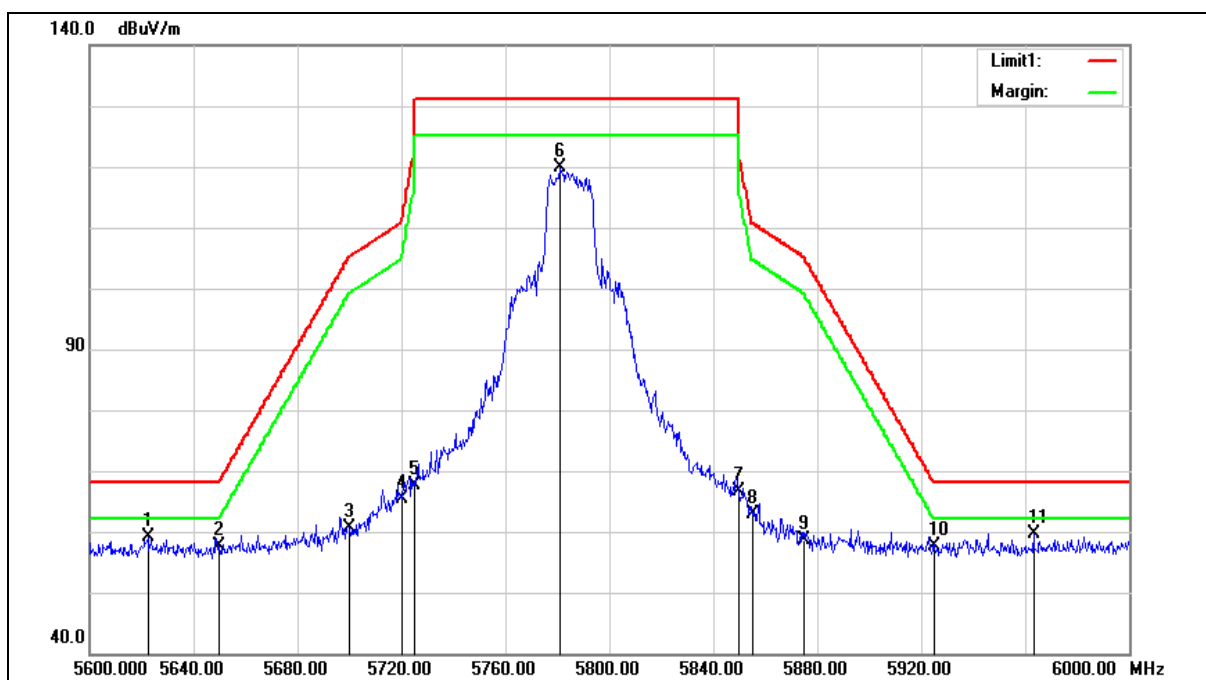
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5634.000	50.48	8.20	58.68	68.20	-9.52	peak
2	5650.000	47.52	8.24	55.76	68.20	-12.44	peak
3	5700.000	48.29	8.34	56.63	105.20	-48.57	peak
4	5720.000	49.54	8.38	57.92	110.80	-52.88	peak
5	5725.000	50.70	8.39	59.09	122.20	-63.11	peak
6	5790.000	106.19	8.51	114.70	---	---	peak
7	5850.000	51.62	8.63	60.25	122.20	-61.95	peak
8	5855.000	51.50	8.64	60.14	110.80	-50.66	peak
9	5875.000	48.30	8.69	56.99	105.20	-48.21	peak
10	5925.000	48.53	8.79	57.32	68.20	-10.88	peak
11	5968.400	50.88	8.88	59.76	68.20	-8.44	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:	AC 120 V/60 Hz
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:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

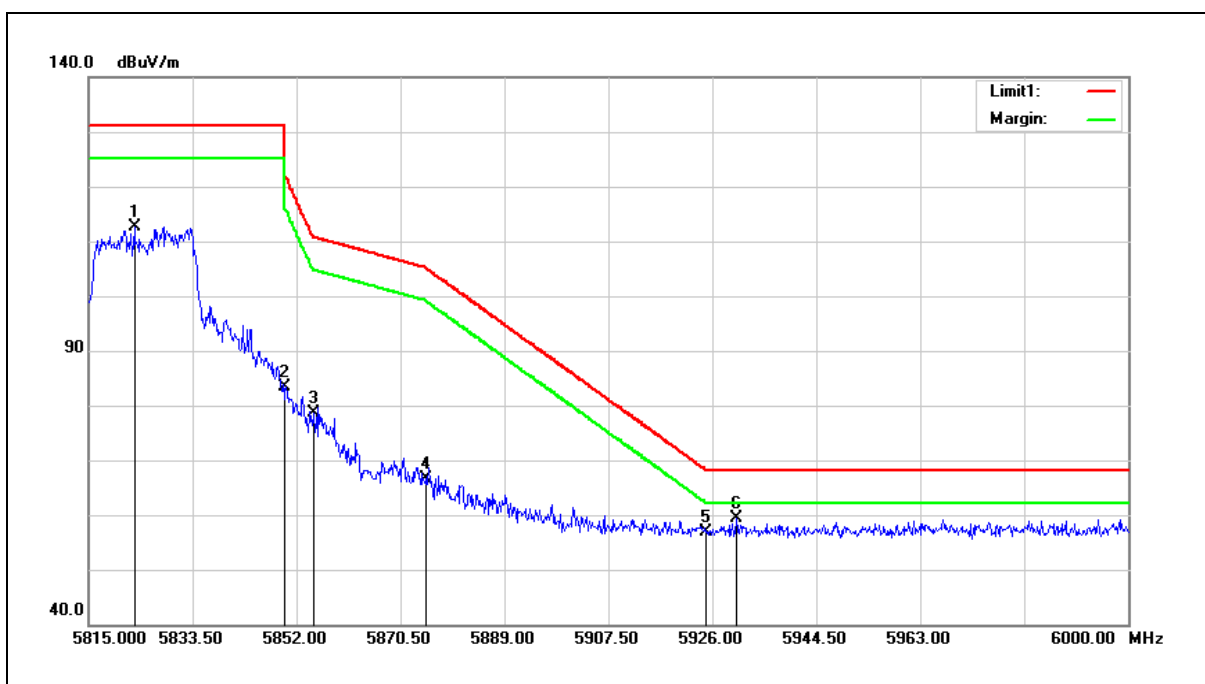
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.400	51.05	8.17	59.22	68.20	-8.98	peak
2	5650.000	49.50	8.24	57.74	68.20	-10.46	peak
3	5700.000	52.36	8.34	60.70	105.20	-44.50	peak
4	5720.000	57.05	8.38	65.43	110.80	-45.37	peak
5	5725.000	59.21	8.39	67.60	122.20	-54.60	peak
6	5780.800	111.28	8.50	119.78	--	---	peak
7	5850.000	58.00	8.63	66.63	122.20	-55.57	peak
8	5855.000	54.33	8.64	62.97	110.80	-47.83	peak
9	5875.000	49.95	8.69	58.64	105.20	-46.56	peak
10	5925.000	48.90	8.79	57.69	68.20	-10.51	peak
11	5963.200	50.72	8.86	59.58	68.20	-8.62	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:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



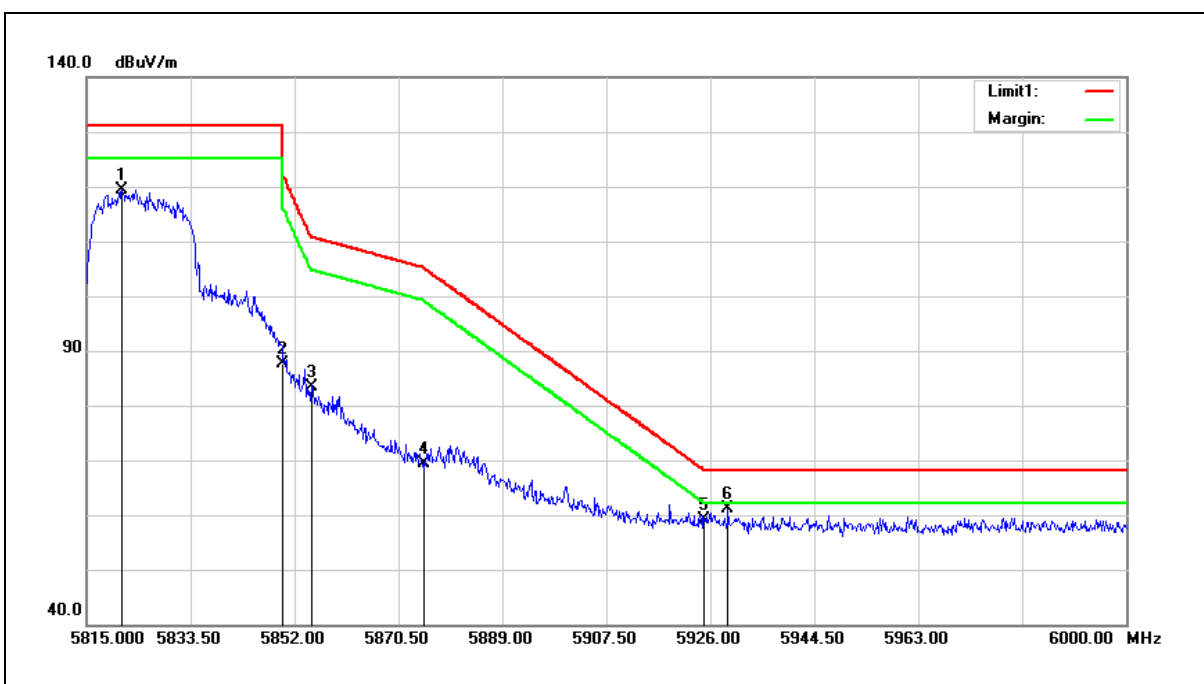
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.140	104.05	8.58	112.63	---	---	peak
2	5850.000	74.65	8.63	83.28	122.20	-38.92	peak
3	5855.000	69.88	8.64	78.52	110.80	-32.28	peak
4	5875.000	57.96	8.69	66.65	105.20	-38.55	peak
5	5925.000	48.06	8.79	56.85	68.20	-11.35	peak
6	5930.255	50.59	8.80	59.39	68.20	-8.81	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:	AC 120 V/60 Hz
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	5821.290	110.83	8.57	119.40	---	---	peak
2	5850.000	79.12	8.63	87.75	122.20	-34.45	peak
3	5855.000	74.86	8.64	83.50	110.80	-27.30	peak
4	5875.000	60.64	8.69	69.33	105.20	-35.87	peak
5	5925.000	50.34	8.79	59.13	68.20	-9.07	peak
6	5929.145	52.30	8.80	61.10	68.20	-7.10	peak

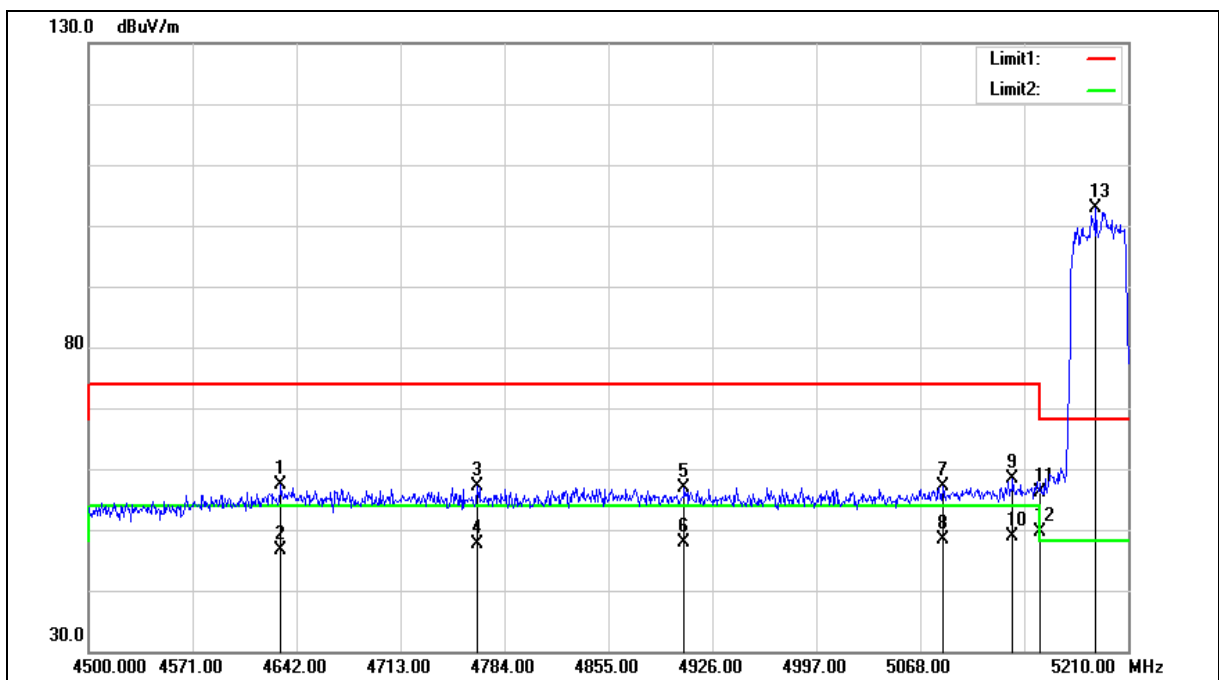
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5190 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:	AC 120 V/60 Hz
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	4631.350	51.88	5.38	57.26	74.00	-16.74	peak
2	4631.350	41.27	5.38	46.65	54.00	-7.35	AVG
3	4765.540	51.33	5.79	57.12	74.00	-16.88	peak
4	4765.540	41.81	5.79	47.60	54.00	-6.40	AVG
5	4906.830	50.68	6.23	56.91	74.00	-17.09	peak
6	4906.830	41.53	6.23	47.76	54.00	-6.24	AVG
7	5083.620	50.42	6.74	57.16	74.00	-16.84	peak
8	5083.620	41.63	6.74	48.37	54.00	-5.63	AVG
9	5131.190	51.55	6.89	58.44	74.00	-15.56	peak
10	5131.190	41.97	6.89	48.86	54.00	-5.14	AVG
11	5150.000	49.26	6.94	56.20	74.00	-17.80	peak
12	5150.000	42.72	6.94	49.66	54.00	-4.34	AVG
13	5187.990	95.72	7.05	102.77	--	--	peak

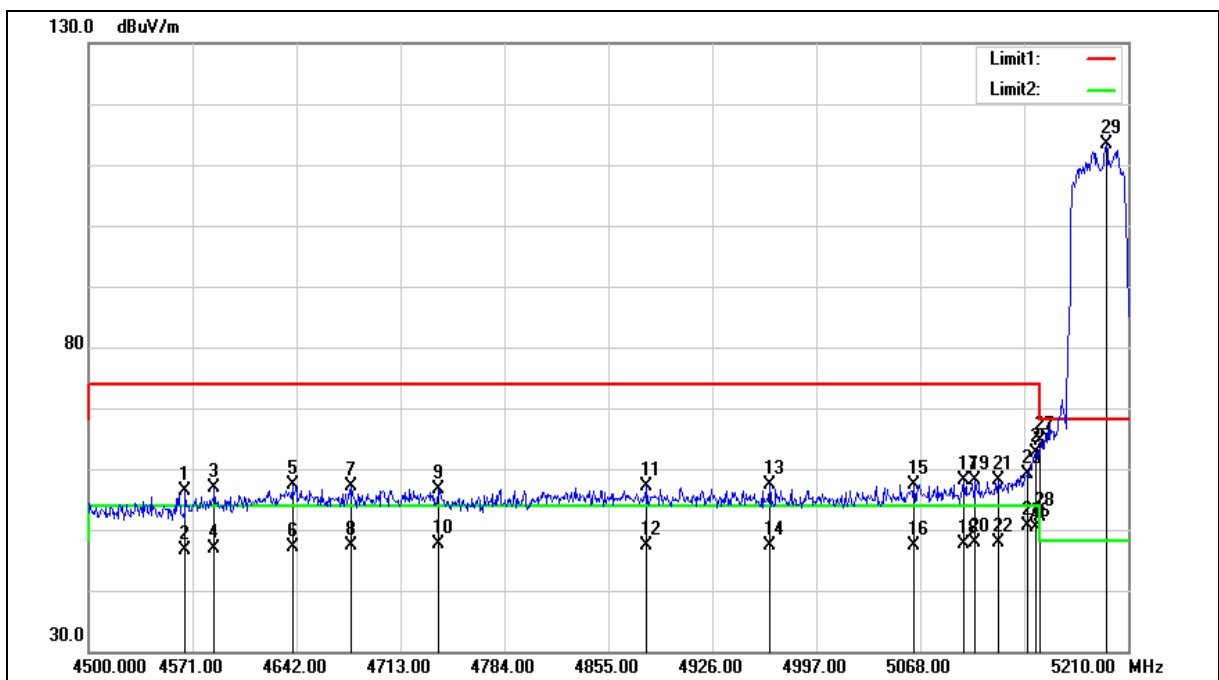
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5190 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:	AC 120 V/60 Hz
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	4566.030	51.21	5.19	56.40	74.00	-17.60	peak
2	4566.030	41.46	5.19	46.65	54.00	-7.35	AVG
3	4585.910	51.68	5.24	56.92	74.00	-17.08	peak
4	4585.910	41.59	5.24	46.83	54.00	-7.17	AVG
5	4639.160	52.01	5.41	57.42	74.00	-16.58	peak
6	4639.160	41.77	5.41	47.18	54.00	-6.82	AVG
7	4679.630	51.49	5.54	57.03	74.00	-16.97	peak
8	4679.630	41.83	5.54	47.37	54.00	-6.63	AVG
9	4739.270	50.92	5.72	56.64	74.00	-17.36	peak
10	4739.270	41.81	5.72	47.53	54.00	-6.47	AVG
11	4881.270	51.10	6.15	57.25	74.00	-16.75	peak
12	4881.270	41.16	6.15	47.31	54.00	-6.69	AVG
13	4965.050	50.90	6.40	57.30	74.00	-16.70	peak
14	4965.050	41.06	6.40	47.46	54.00	-6.54	AVG
15	5063.740	50.81	6.68	57.49	74.00	-16.51	peak
16	5063.740	40.75	6.68	47.43	54.00	-6.57	AVG
17	5097.820	51.23	6.79	58.02	74.00	-15.98	peak
18	5097.820	40.86	6.79	47.65	54.00	-6.35	AVG
19	5105.630	51.23	6.81	58.04	74.00	-15.96	peak
20	5105.630	41.18	6.81	47.99	54.00	-6.01	AVG
21	5121.250	51.34	6.85	58.19	74.00	-15.81	peak
22	5121.250	41.06	6.85	47.91	54.00	-6.09	AVG
23	5141.130	52.24	6.91	59.15	74.00	-14.85	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:	AC 120 V/60 Hz
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
24	5141.130	43.84	6.91	50.75	54.00	-3.25	AVG
25	5146.810	55.74	6.93	62.67	74.00	-11.33	peak
26	5146.810	43.36	6.93	50.29	54.00	-3.71	AVG
27	5150.000	57.60	6.94	64.54	74.00	-9.46	peak
28	5150.000	45.15	6.94	52.09	54.00	-1.91	AVG
29	5195.090	106.34	7.07	113.41	--	--	peak

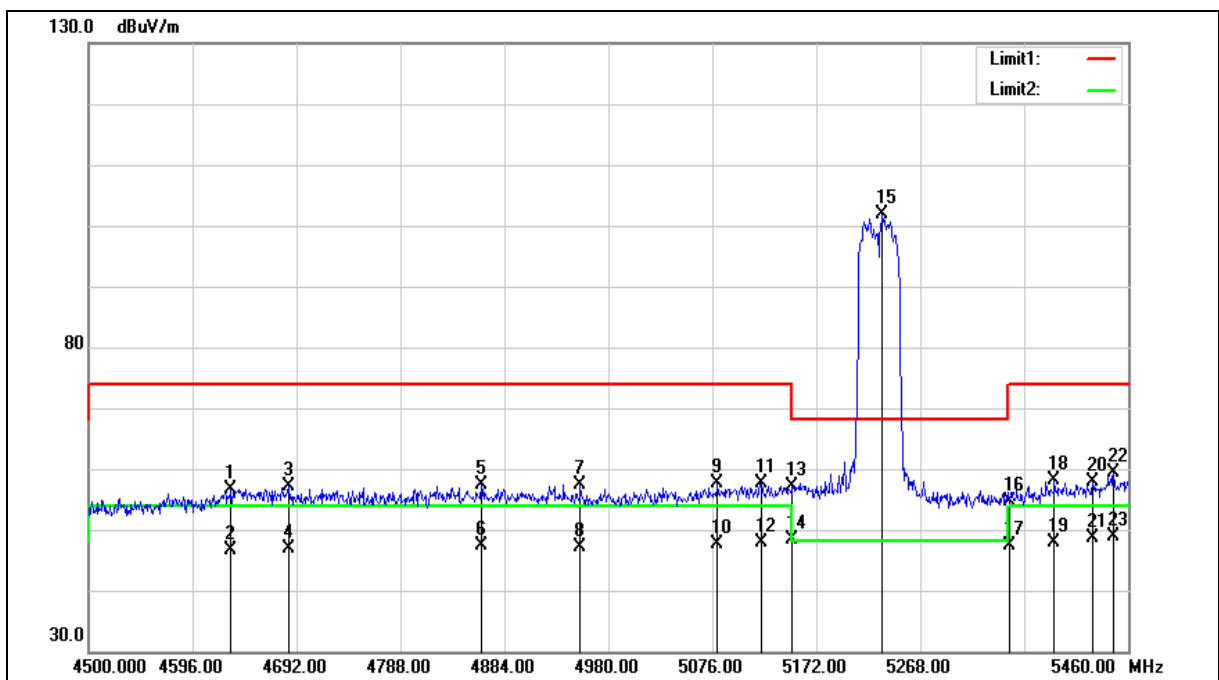
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5230 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:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

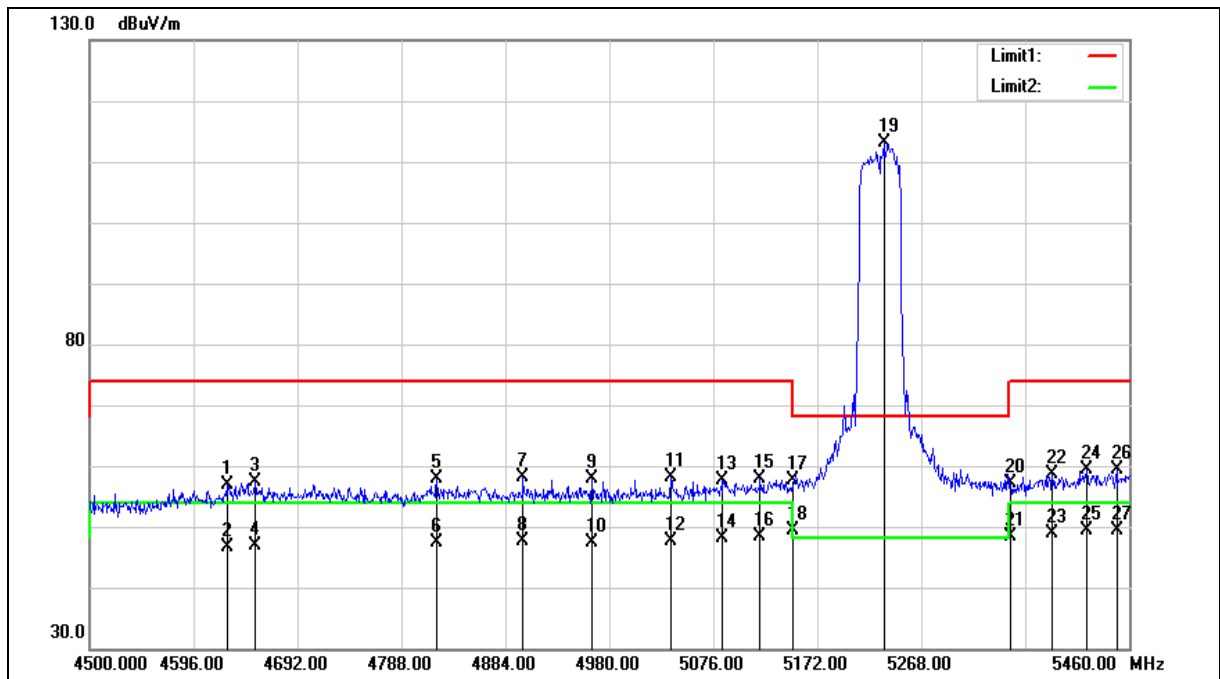
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4631.520	51.17	5.38	56.55	74.00	-17.45	peak
2	4631.520	41.21	5.38	46.59	54.00	-7.41	AVG
3	4684.320	51.65	5.55	57.20	74.00	-16.80	peak
4	4684.320	41.43	5.55	46.98	54.00	-7.02	AVG
5	4862.880	51.17	6.09	57.26	74.00	-16.74	peak
6	4862.880	41.30	6.09	47.39	54.00	-6.61	AVG
7	4954.080	50.92	6.37	57.29	74.00	-16.71	peak
8	4954.080	40.83	6.37	47.20	54.00	-6.80	AVG
9	5080.800	50.95	6.74	57.69	74.00	-16.31	peak
10	5080.800	40.84	6.74	47.58	54.00	-6.42	AVG
11	5121.120	50.79	6.85	57.64	74.00	-16.36	peak
12	5121.120	41.11	6.85	47.96	54.00	-6.04	AVG
13	5150.000	50.16	6.94	57.10	74.00	-16.90	peak
14	5150.000	41.54	6.94	48.48	54.00	-5.52	AVG
15	5232.480	94.72	7.17	101.89	--	--	peak
16	5350.000	47.17	7.50	54.67	74.00	-19.33	peak
17	5350.000	39.92	7.50	47.42	54.00	-6.58	AVG
18	5391.840	50.38	7.63	58.01	74.00	-15.99	peak
19	5391.840	40.26	7.63	47.89	54.00	-6.11	AVG
20	5427.360	50.21	7.73	57.94	74.00	-16.06	peak
21	5427.360	40.98	7.73	48.71	54.00	-5.29	AVG
22	5446.560	51.62	7.78	59.40	74.00	-14.60	peak
23	5446.560	41.15	7.78	48.93	54.00	-5.07	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:	AC 120 V/60 Hz
Frequency:	5230 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:	AC 120 V/60 Hz
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	4626.720	51.47	5.37	56.84	74.00	-17.16	peak
2	4626.720	41.25	5.37	46.62	54.00	-7.38	AVG
3	4652.640	51.98	5.45	57.43	74.00	-16.57	peak
4	4652.640	41.42	5.45	46.87	54.00	-7.13	AVG
5	4820.640	52.00	5.96	57.96	74.00	-16.04	peak
6	4820.640	41.50	5.96	47.46	54.00	-6.54	AVG
7	4900.320	51.91	6.20	58.11	74.00	-15.89	peak
8	4900.320	41.46	6.20	47.66	54.00	-6.34	AVG
9	4963.680	51.46	6.39	57.85	74.00	-16.15	peak
10	4963.680	40.87	6.39	47.26	54.00	-6.74	AVG
11	5036.640	51.55	6.62	58.17	74.00	-15.83	peak
12	5036.640	41.01	6.62	47.63	54.00	-6.37	AVG
13	5084.640	50.80	6.74	57.54	74.00	-16.46	peak
14	5084.640	41.40	6.74	48.14	54.00	-5.86	AVG
15	5119.200	51.02	6.84	57.86	74.00	-16.14	peak
16	5119.200	41.57	6.84	48.41	54.00	-5.59	AVG
17	5150.000	50.75	6.94	57.69	74.00	-16.31	peak
18	5150.000	42.36	6.94	49.30	54.00	-4.70	AVG
19	5233.440	105.85	7.17	113.02	--	--	peak
20	5350.000	49.58	7.50	57.08	74.00	-16.92	peak
21	5350.000	40.83	7.50	48.33	54.00	-5.67	AVG
22	5388.960	50.93	7.62	58.55	74.00	-15.45	peak
23	5388.960	41.36	7.62	48.98	54.00	-5.02	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:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

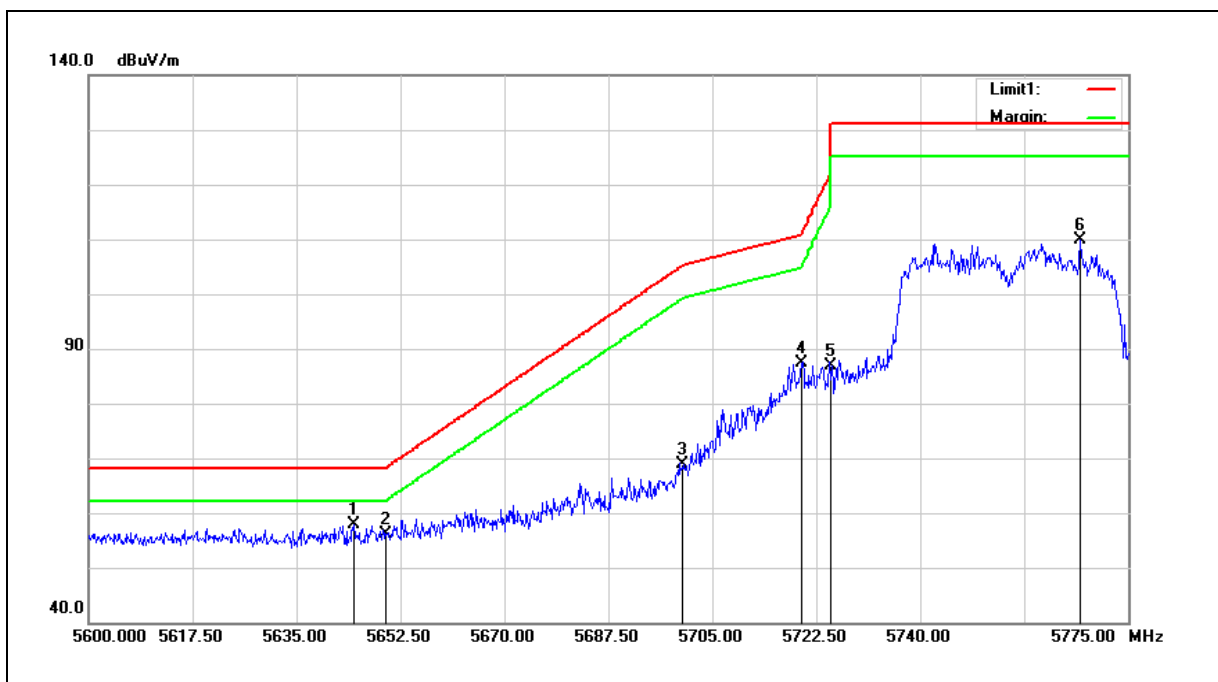
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	5420.640	51.67	7.71	59.38	74.00	-14.62	peak
25	5420.640	41.69	7.71	49.40	54.00	-4.60	AVG
26	5448.480	51.57	7.79	59.36	74.00	-14.64	peak
27	5448.480	41.48	7.79	49.27	54.00	-4.73	AVG

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:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



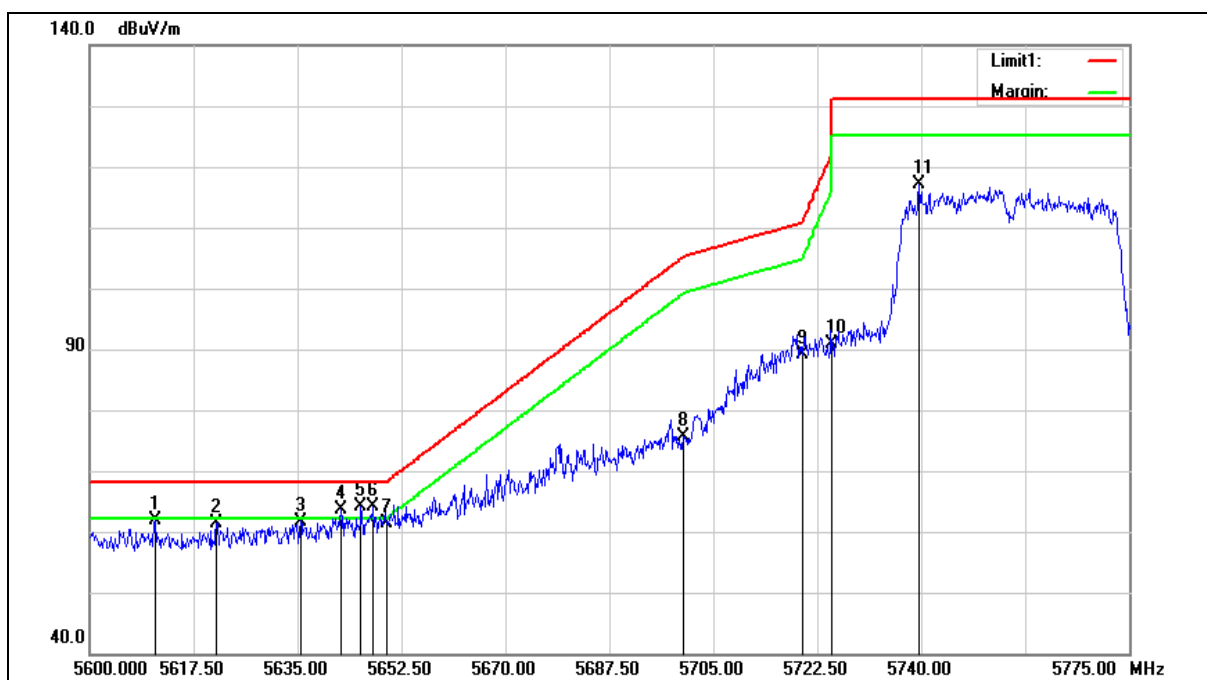
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.625	49.66	8.22	57.88	68.20	-10.32	peak
2	5650.000	47.79	8.24	56.03	68.20	-12.17	peak
3	5700.000	60.56	8.34	68.90	105.20	-36.30	peak
4	5720.000	78.88	8.38	87.26	110.80	-23.54	peak
5	5725.000	78.49	8.39	86.88	122.20	-35.32	peak
6	5766.950	101.43	8.47	109.90	--	--	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:	AC 120 V/60 Hz
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:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

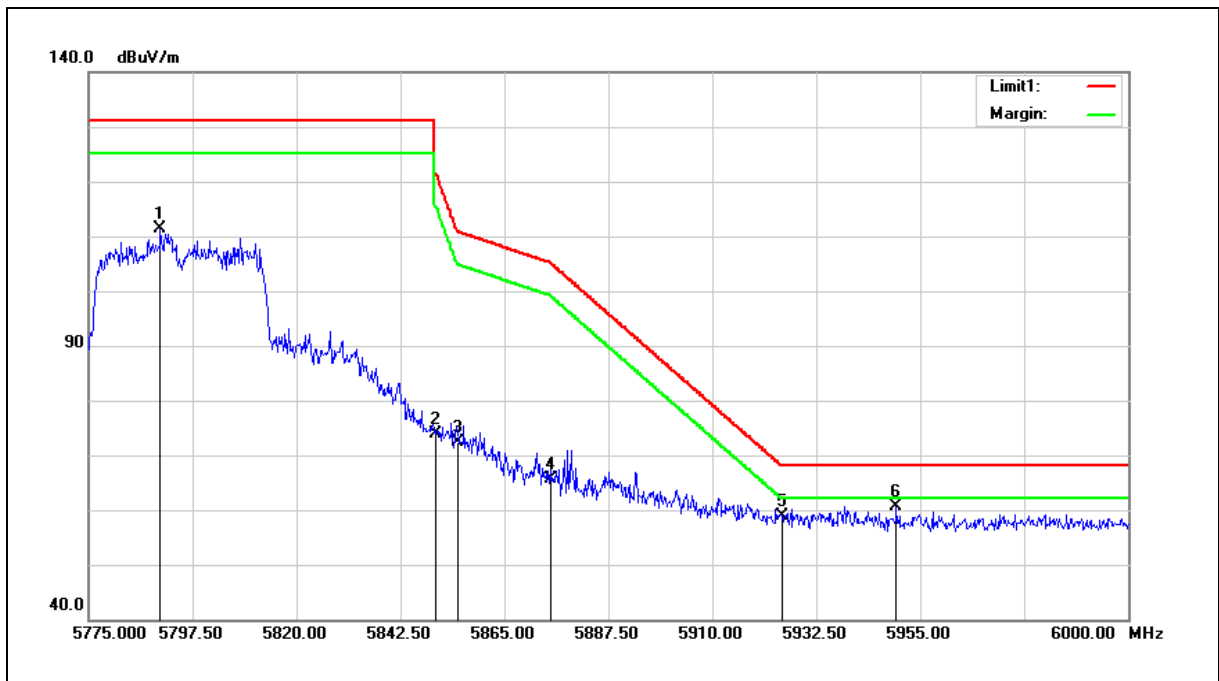
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5611.025	53.71	8.15	61.86	68.20	-6.34	peak
2	5621.350	53.30	8.17	61.47	68.20	-6.73	peak
3	5635.525	53.54	8.21	61.75	68.20	-6.45	peak
4	5642.350	55.30	8.22	63.52	68.20	-4.68	peak
5	5645.675	55.89	8.23	64.12	68.20	-4.08	peak
6	5647.600	55.81	8.23	64.04	68.20	-4.16	peak
7	5650.000	53.07	8.24	61.31	68.20	-6.89	peak
8	5700.000	67.39	8.34	75.73	105.20	-29.47	peak
9	5720.000	80.79	8.38	89.17	110.80	-21.63	peak
10	5725.000	82.43	8.39	90.82	122.20	-31.38	peak
11	5739.650	108.76	8.41	117.17	--	--	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:	AC 120 V/60 Hz
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	5790.525	102.78	8.51	111.29	--	--	peak
2	5850.000	65.17	8.63	73.80	122.20	-48.40	peak
3	5855.000	63.74	8.64	72.38	110.80	-38.42	peak
4	5875.000	56.89	8.69	65.58	105.20	-39.62	peak
5	5925.000	50.08	8.79	58.87	68.20	-9.33	peak
6	5949.825	51.83	8.84	60.67	68.20	-7.53	peak

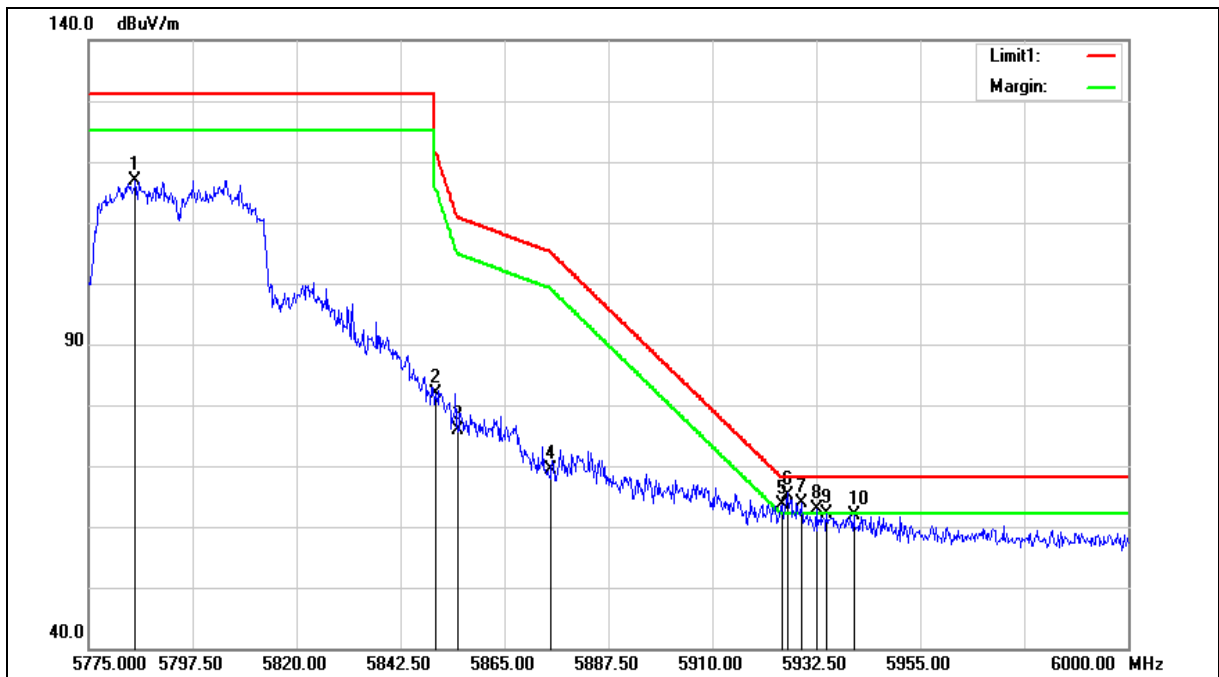
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
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:	AC 120 V/60 Hz
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	5785.125	108.46	8.51	116.97	--	--	peak
2	5850.000	73.29	8.63	81.92	122.20	-40.28	peak
3	5855.000	67.35	8.64	75.99	110.80	-34.81	peak
4	5875.000	60.71	8.69	69.40	105.20	-35.80	peak
5	5925.000	54.76	8.79	63.55	68.20	-4.65	peak
6	5926.425	56.40	8.80	65.20	68.20	-3.00	peak
7	5929.350	55.20	8.80	64.00	68.20	-4.20	peak
8	5932.500	54.15	8.80	62.95	68.20	-5.25	peak
9	5934.750	53.28	8.81	62.09	68.20	-6.11	peak
10	5940.600	53.05	8.82	61.87	68.20	-6.33	peak

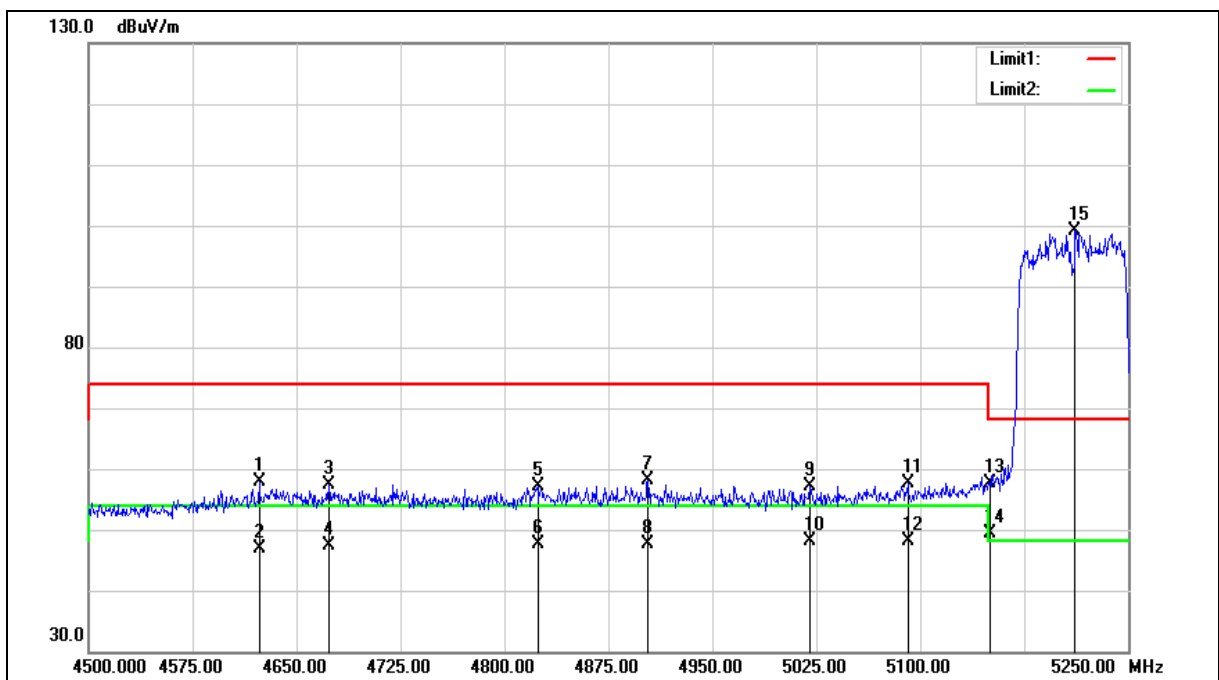
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4623.000	52.54	5.36	57.90	74.00	-16.10	peak
2	4623.000	41.59	5.36	46.95	54.00	-7.05	AVG
3	4673.250	51.95	5.51	57.46	74.00	-16.54	peak
4	4673.250	41.95	5.51	47.46	54.00	-6.54	AVG
5	4824.000	51.12	5.97	57.09	74.00	-16.91	peak
6	4824.000	41.55	5.97	47.52	54.00	-6.48	AVG
7	4903.500	51.95	6.21	58.16	74.00	-15.84	peak
8	4903.500	41.44	6.21	47.65	54.00	-6.35	AVG
9	5020.500	50.64	6.57	57.21	74.00	-16.79	peak
10	5020.500	41.48	6.57	48.05	54.00	-5.95	AVG
11	5091.000	50.83	6.76	57.59	74.00	-16.41	peak
12	5091.000	41.48	6.76	48.24	54.00	-5.76	AVG
13	5150.000	50.75	6.94	57.69	74.00	-16.31	peak
14	5150.000	42.49	6.94	49.43	54.00	-4.57	AVG
15	5211.750	91.91	7.11	99.02	--	--	peak

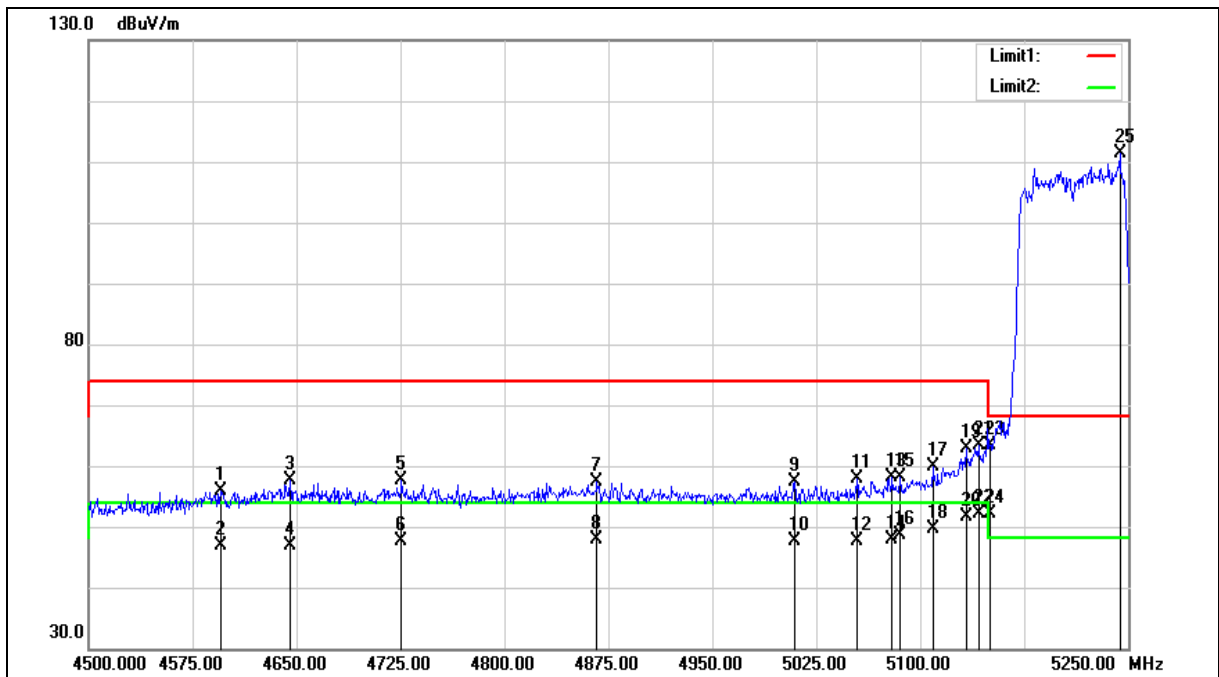
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4595.250	50.61	5.28	55.89	74.00	-18.11	peak
2	4595.250	41.62	5.28	46.90	54.00	-7.10	AVG
3	4645.500	52.13	5.42	57.55	74.00	-16.45	peak
4	4645.500	41.40	5.42	46.82	54.00	-7.18	AVG
5	4725.750	51.86	5.68	57.54	74.00	-16.46	peak
6	4725.750	41.96	5.68	47.64	54.00	-6.36	AVG
7	4866.750	51.27	6.11	57.38	74.00	-16.62	peak
8	4866.750	41.69	6.11	47.80	54.00	-6.20	AVG
9	5009.250	50.73	6.54	57.27	74.00	-16.73	peak
10	5009.250	41.12	6.54	47.66	54.00	-6.34	AVG
11	5054.250	51.11	6.66	57.77	74.00	-16.23	peak
12	5054.250	41.05	6.66	47.71	54.00	-6.29	AVG
13	5079.750	51.36	6.73	58.09	74.00	-15.91	peak
14	5079.750	41.12	6.73	47.85	54.00	-6.15	AVG
15	5085.750	51.36	6.75	58.11	74.00	-15.89	peak
16	5085.750	41.90	6.75	48.65	54.00	-5.35	AVG
17	5109.000	53.06	6.82	59.88	74.00	-14.12	peak
18	5109.000	42.91	6.82	49.73	54.00	-4.27	AVG
19	5133.000	55.99	6.89	62.88	74.00	-11.12	peak
20	5133.000	44.79	6.89	51.68	54.00	-2.32	AVG
21	5142.000	56.42	6.92	63.34	74.00	-10.66	peak
22	5142.000	45.11	6.92	52.03	54.00	-1.97	AVG
23	5150.000	56.46	6.94	63.40	74.00	-10.60	peak
24	5150.000	45.11	6.94	52.05	54.00	-1.95	AVG
25	5244.000	104.13	7.20	111.33	--	--	peak

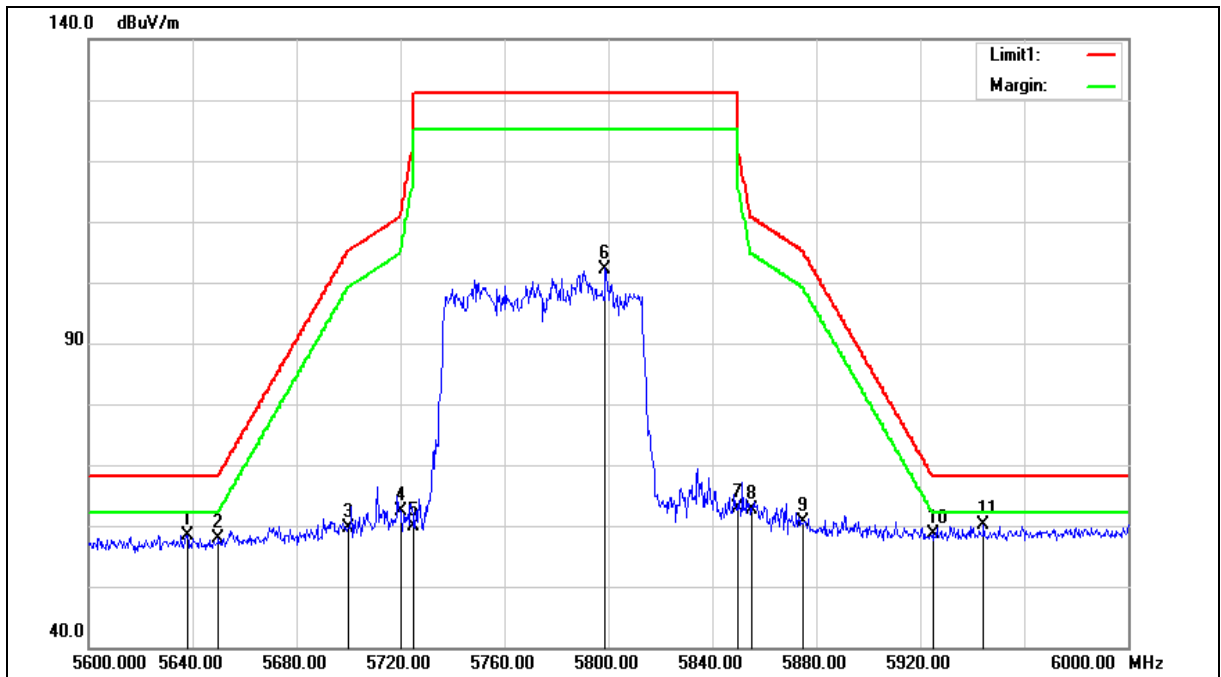
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.000	50.24	8.22	58.46	68.20	-9.74	peak
2	5650.000	49.56	8.24	57.80	68.20	-10.40	peak
3	5700.000	51.33	8.34	59.67	105.20	-45.53	peak
4	5720.000	54.08	8.38	62.46	110.80	-48.34	peak
5	5725.000	51.42	8.39	59.81	122.20	-62.39	peak
6	5798.800	93.72	8.53	102.25	--	--	peak
7	5850.000	54.19	8.63	62.82	122.20	-59.38	peak
8	5855.000	54.07	8.64	62.71	110.80	-48.09	peak
9	5875.000	51.83	8.69	60.52	105.20	-44.68	peak
10	5925.000	49.84	8.79	58.63	68.20	-9.57	peak
11	5944.400	51.26	8.83	60.09	68.20	-8.11	peak

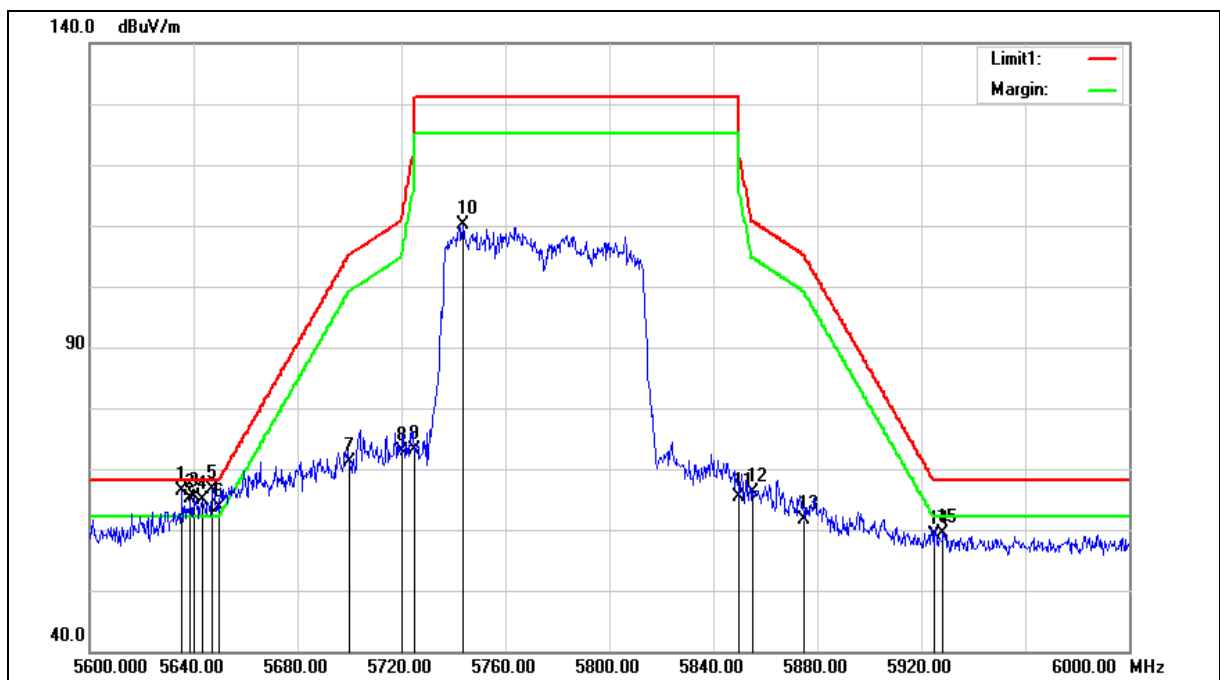
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5635.600	58.06	8.21	66.27	68.20	-1.93	peak
2	5638.800	57.01	8.22	65.23	68.20	-2.97	peak
3	5640.000	57.14	8.22	65.36	68.20	-2.84	peak
4	5643.600	56.67	8.22	64.89	68.20	-3.31	peak
5	5647.200	58.49	8.23	66.72	68.20	-1.48	peak
6	5650.000	55.30	8.24	63.54	68.20	-4.66	peak
7	5700.000	62.82	8.34	71.16	105.20	-34.04	peak
8	5720.000	64.38	8.38	72.76	110.80	-38.04	peak
9	5725.000	64.65	8.39	73.04	122.20	-49.16	peak
10	5743.600	101.81	8.42	110.23	--	--	peak
11	5850.000	56.85	8.63	65.48	122.20	-56.72	peak
12	5855.000	57.54	8.64	66.18	110.80	-44.62	peak
13	5875.000	53.04	8.69	61.73	105.20	-43.47	peak
14	5925.000	50.35	8.79	59.14	68.20	-9.06	peak
15	5928.400	50.68	8.80	59.48	68.20	-8.72	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.

Annex C. Conducted Test Results

Maximum Conducted Output Power Measurement

Master				
Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	22.32	0.171	≤ 30.00
5200.0		24.48	0.281	≤ 30.00
5220.0		24.33	0.271	≤ 30.00
5240.0		24.25	0.266	≤ 30.00
5745.0		26.17	0.414	≤ 30.00
5765.0		26.11	0.408	≤ 30.00
5785.0		25.99	0.397	≤ 30.00
5805.0		25.87	0.386	≤ 30.00
5825.0		25.65	0.367	≤ 30.00
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	21.80	0.151	≤ 30.00
5200.0		24.17	0.261	≤ 30.00
5220.0		24.03	0.253	≤ 30.00
5240.0		23.80	0.240	≤ 30.00
5745.0		25.61	0.364	≤ 30.00
5765.0		25.59	0.362	≤ 30.00
5785.0		25.47	0.352	≤ 30.00
5805.0		25.42	0.348	≤ 30.00
5825.0		25.39	0.346	≤ 30.00
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	25.08	0.322	≤ 30.00
5200.0		27.34	0.542	≤ 30.00
5220.0		27.19	0.524	≤ 30.00
5240.0		27.04	0.506	≤ 30.00
5745.0		28.91	0.778	≤ 30.00
5765.0		28.87	0.771	≤ 30.00
5785.0		28.75	0.750	≤ 30.00
5805.0		28.66	0.735	≤ 30.00
5825.0		28.53	0.713	≤ 30.00

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

Test Mode		Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	22.18	0.165	≤ 28.37
5200.0		24.19	0.262	≤ 28.37
5220.0		24.12	0.258	≤ 28.37
5240.0		24.08	0.256	≤ 28.37
5745.0		25.04	0.319	≤ 28.40
5765.0		24.95	0.313	≤ 28.40
5785.0		24.81	0.303	≤ 28.40
5805.0		24.86	0.306	≤ 28.40
5825.0		24.76	0.299	≤ 28.40
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	21.55	0.143	≤ 28.37
5200.0		23.81	0.240	≤ 28.37
5220.0		23.76	0.238	≤ 28.37
5240.0		23.71	0.235	≤ 28.37
5745.0		24.50	0.282	≤ 28.40
5765.0		24.44	0.278	≤ 28.40
5785.0		24.41	0.276	≤ 28.40
5805.0		24.35	0.272	≤ 28.40
5825.0		24.27	0.267	≤ 28.40
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	24.89	0.308	≤ 28.37
5200.0		27.01	0.503	≤ 28.37
5220.0		26.95	0.496	≤ 28.37
5240.0		26.91	0.491	≤ 28.37
5745.0		27.79	0.601	≤ 28.40
5765.0		27.71	0.591	≤ 28.40
5785.0		27.62	0.579	≤ 28.40
5805.0		27.62	0.578	≤ 28.40
5825.0		27.53	0.567	≤ 28.40

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

Test Mode		Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	18.17	0.066	≤ 28.37
5230.0		23.92	0.247	≤ 28.37
5755.0		24.93	0.311	≤ 28.40
5795.0		24.60	0.288	≤ 28.40
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	17.51	0.056	≤ 28.37
5230.0		23.39	0.218	≤ 28.37
5755.0		24.51	0.282	≤ 28.40
5795.0		24.38	0.274	≤ 28.40
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	20.86	0.122	≤ 28.37
5230.0		26.67	0.465	≤ 28.37
5755.0		27.74	0.594	≤ 28.40
5795.0		27.50	0.563	≤ 28.40

Test Mode		Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	17.79	0.060	≤ 28.37
5775.0		21.08	0.128	≤ 28.40
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	17.43	0.055	≤ 28.37
5775.0		20.79	0.120	≤ 28.40
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	20.62	0.115	≤ 28.37
5775.0		23.95	0.248	≤ 28.40

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

Slave

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	17.94	0.062	≤ 24.00
5200.0		17.71	0.059	≤ 24.00
5220.0		17.69	0.059	≤ 24.00
5240.0		17.63	0.058	≤ 24.00
5745.0		26.17	0.414	≤ 30.00
5765.0		26.11	0.408	≤ 30.00
5785.0		25.99	0.397	≤ 30.00
5805.0		25.87	0.386	≤ 30.00
5825.0		25.65	0.367	≤ 30.00
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	17.30	0.054	≤ 24.00
5200.0		17.18	0.052	≤ 24.00
5220.0		17.06	0.051	≤ 24.00
5240.0		17.01	0.050	≤ 24.00
5745.0		25.61	0.364	≤ 30.00
5765.0		25.59	0.362	≤ 30.00
5785.0		25.47	0.352	≤ 30.00
5805.0		25.42	0.348	≤ 30.00
5825.0		25.39	0.346	≤ 30.00
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	20.64	0.116	≤ 24.00
5200.0		20.46	0.111	≤ 24.00
5220.0		20.40	0.110	≤ 24.00
5240.0		20.34	0.108	≤ 24.00
5745.0		28.91	0.778	≤ 30.00
5765.0		28.87	0.771	≤ 30.00
5785.0		28.75	0.750	≤ 30.00
5805.0		28.66	0.735	≤ 30.00
5825.0		28.53	0.713	≤ 30.00

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

Test Mode		Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	17.96	0.063	≤ 22.37
5200.0		17.80	0.060	≤ 22.37
5220.0		17.77	0.060	≤ 22.37
5240.0		17.68	0.059	≤ 22.37
5745.0		25.04	0.319	≤ 28.40
5765.0		24.95	0.313	≤ 28.40
5785.0		24.81	0.303	≤ 28.40
5805.0		24.86	0.306	≤ 28.40
5825.0		24.76	0.299	≤ 28.40
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	17.92	0.062	≤ 22.37
5200.0		17.78	0.060	≤ 22.37
5220.0		17.71	0.059	≤ 22.37
5240.0		17.65	0.058	≤ 22.37
5745.0		24.50	0.282	≤ 28.40
5765.0		24.44	0.278	≤ 28.40
5785.0		24.41	0.276	≤ 28.40
5805.0		24.35	0.272	≤ 28.40
5825.0		24.27	0.267	≤ 28.40
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	20.95	0.124	≤ 22.37
5200.0		20.80	0.120	≤ 22.37
5220.0		20.75	0.119	≤ 22.37
5240.0		20.68	0.117	≤ 22.37
5745.0		27.79	0.601	≤ 28.40
5765.0		27.71	0.591	≤ 28.40
5785.0		27.62	0.579	≤ 28.40
5805.0		27.62	0.578	≤ 28.40
5825.0		27.53	0.567	≤ 28.40

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

Test Mode		Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	18.17	0.066	≤ 22.37
5230.0		18.66	0.073	≤ 22.37
5755.0		24.93	0.311	≤ 28.40
5795.0		24.60	0.288	≤ 28.40
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	17.51	0.056	≤ 22.37
5230.0		18.47	0.070	≤ 22.37
5755.0		24.51	0.282	≤ 28.40
5795.0		24.38	0.274	≤ 28.40
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	20.86	0.122	≤ 22.37
5230.0		21.58	0.144	≤ 22.37
5755.0		27.74	0.594	≤ 28.40
5795.0		27.50	0.563	≤ 28.40

Test Mode		Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	17.79	0.060	≤ 22.37
5775.0		21.08	0.128	≤ 28.40
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	17.43	0.055	≤ 22.37
5775.0		20.79	0.120	≤ 28.40
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	20.62	0.115	≤ 22.37
5775.0		23.95	0.248	≤ 28.40

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



26 dB RF Bandwidth Measurement

Master		
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Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5180.0	19.702	19.687
5200.0	21.058	21.227
5240.0	20.931	20.376

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5180.0	20.370	20.746
5200.0	20.897	21.039
5240.0	20.751	21.296

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5190.0	40.094	40.412
5230.0	40.659	40.836

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5210.0	84.537	83.972

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

Slave

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5180.0	19.846	19.563
5200.0	19.197	19.312
5240.0	19.770	19.515

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5180.0	20.400	20.369
5200.0	20.062	20.818
5240.0	21.121	20.696

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5190.0	40.094	40.412
5230.0	40.834	40.047

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	
	ANT-0	ANT-1
5210.0	84.537	83.972

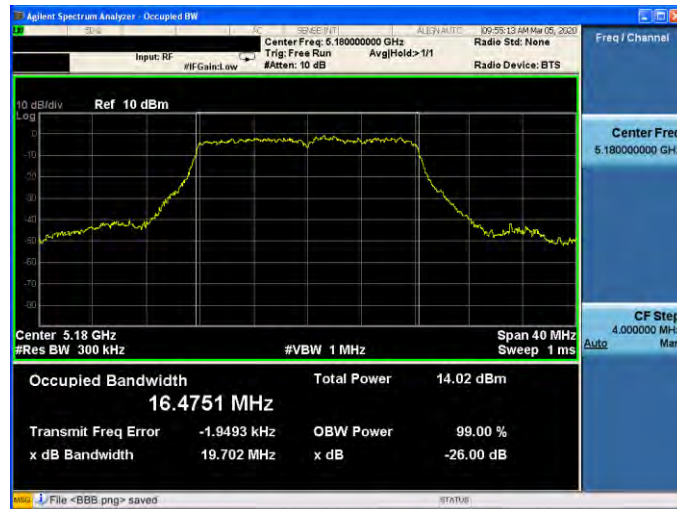
Note: The 99 % occupied bandwidth not crossed 5250 MHz.

■ Test Graphs

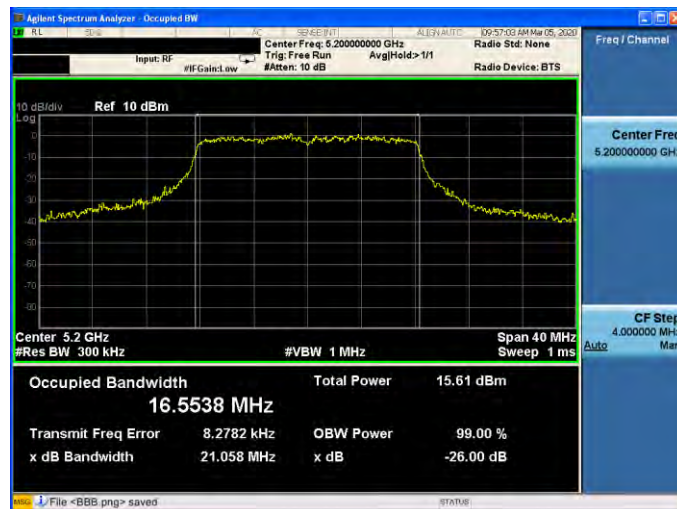
Master

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

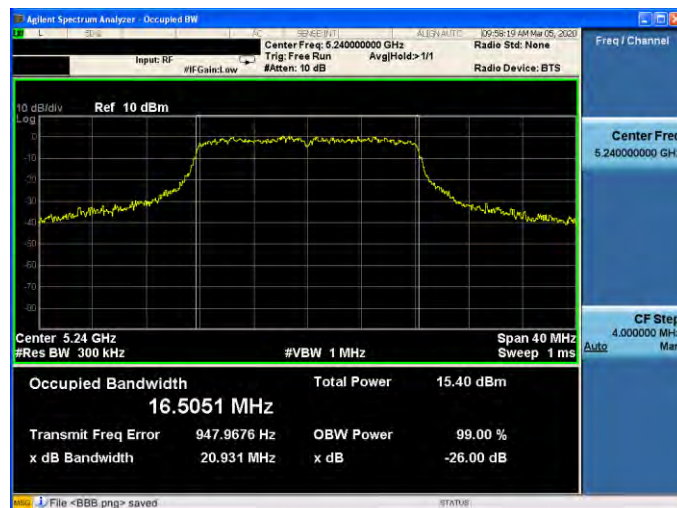
5180 MHz



5200 MHz



5240 MHz

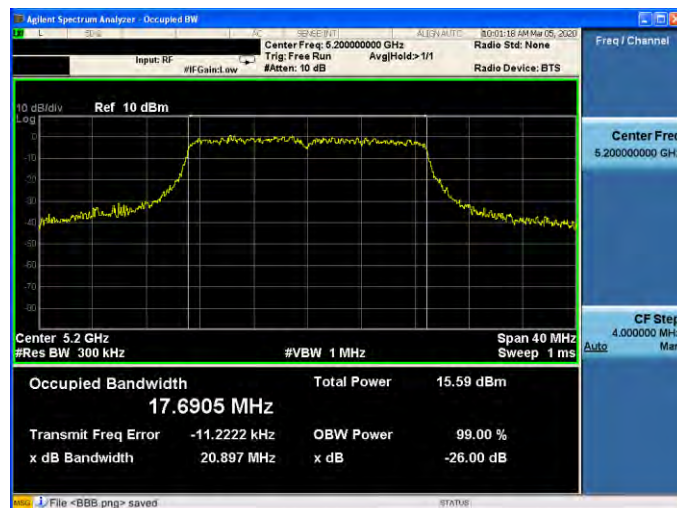


Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0

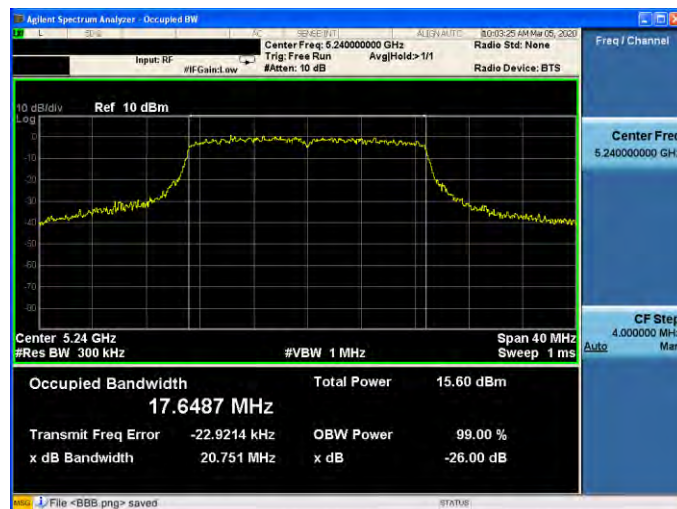
5180 MHz



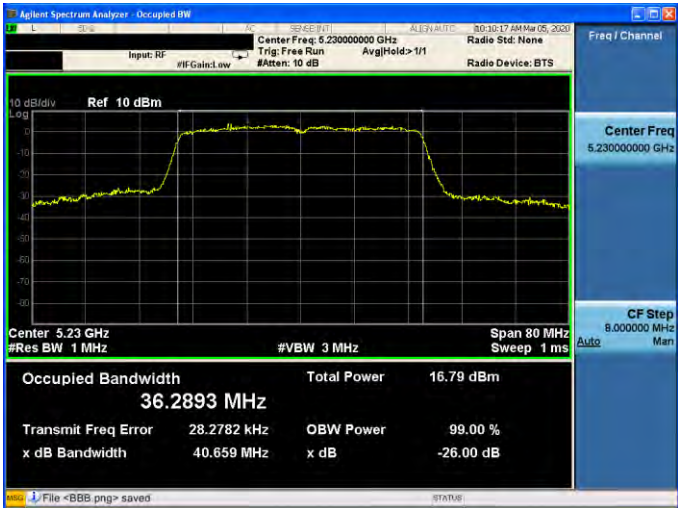
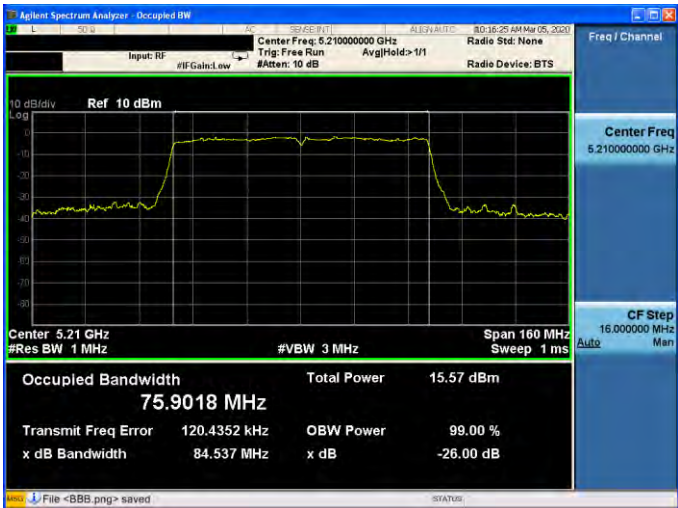
5200 MHz



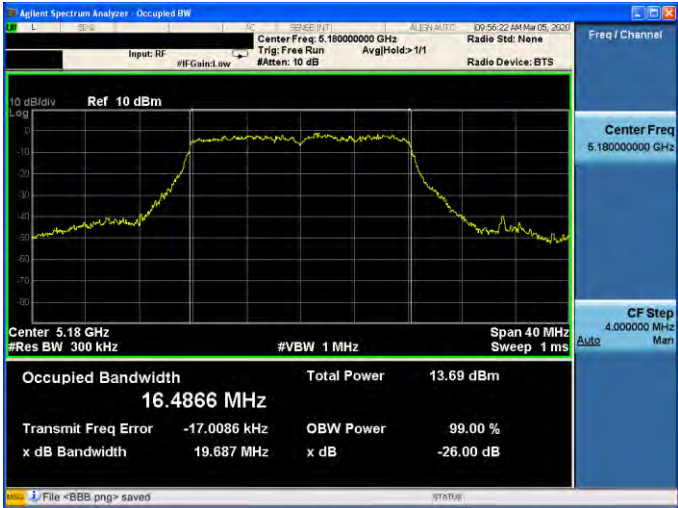
5240 MHz

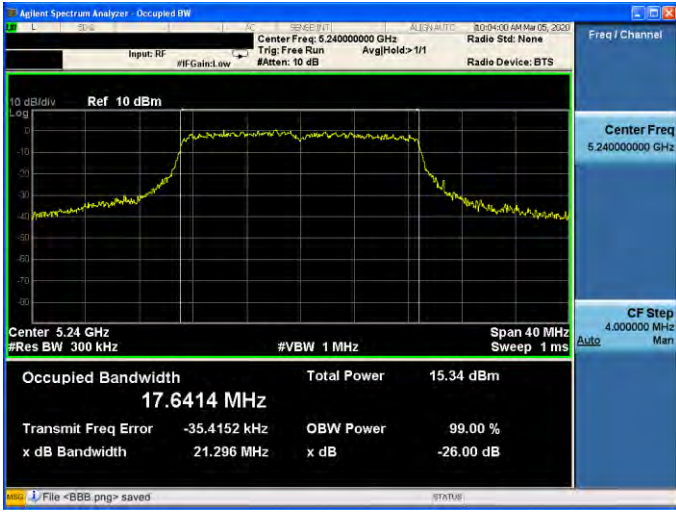




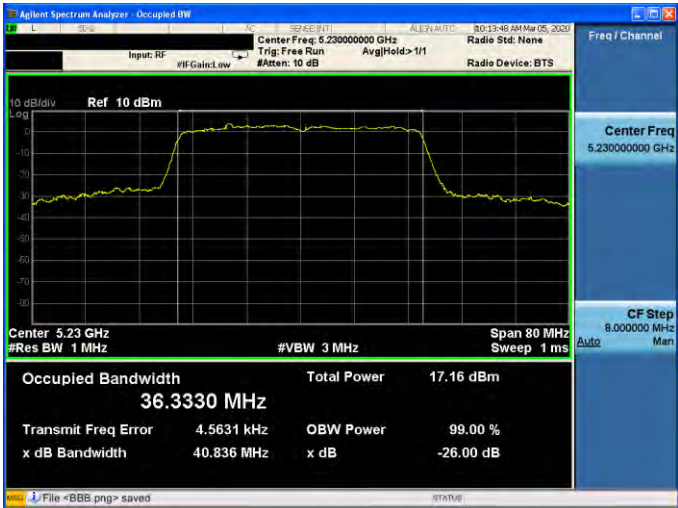
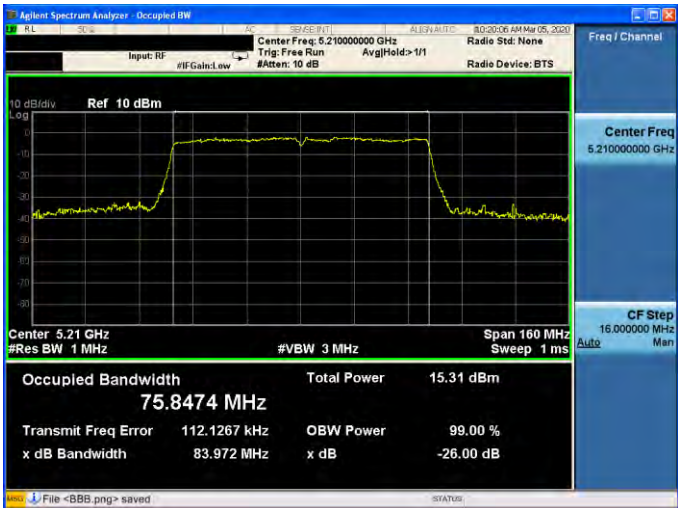
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0	
5210 MHz	



Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Res BW: 300 kHz Span: 40 MHz Occupied Bandwidth: 16.4866 MHz Total Power: 13.69 dBm Transmit Freq Error: -17.0086 kHz x dB Bandwidth: 19.687 MHz OBW Power: 99.00 % x dB: -26.00 dB
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Res BW: 300 kHz Span: 40 MHz Occupied Bandwidth: 16.6018 MHz Total Power: 16.16 dBm Transmit Freq Error: -1.9015 kHz x dB Bandwidth: 21.227 MHz OBW Power: 99.00 % x dB: -26.00 dB
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Res BW: 300 kHz Span: 40 MHz Occupied Bandwidth: 16.5230 MHz Total Power: 15.41 dBm Transmit Freq Error: 2.2352 kHz x dB Bandwidth: 20.376 MHz OBW Power: 99.00 % x dB: -26.00 dB

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Span 40 MHz Occupied Bandwidth: 17.6729 MHz Total Power: 12.99 dBm Transmit Freq Error: -12.2974 kHz OBW Power: 99.00 % x dB Bandwidth: 20.746 MHz x dB: -26.00 dB
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Span 40 MHz Occupied Bandwidth: 17.6946 MHz Total Power: 15.50 dBm Transmit Freq Error: -17.1943 kHz OBW Power: 99.00 % x dB Bandwidth: 21.039 MHz x dB: -26.00 dB
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Span 40 MHz Occupied Bandwidth: 17.6414 MHz Total Power: 15.34 dBm Transmit Freq Error: -35.4152 kHz OBW Power: 99.00 % x dB Bandwidth: 21.296 MHz x dB: -26.00 dB



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1	
5210 MHz	

Slave

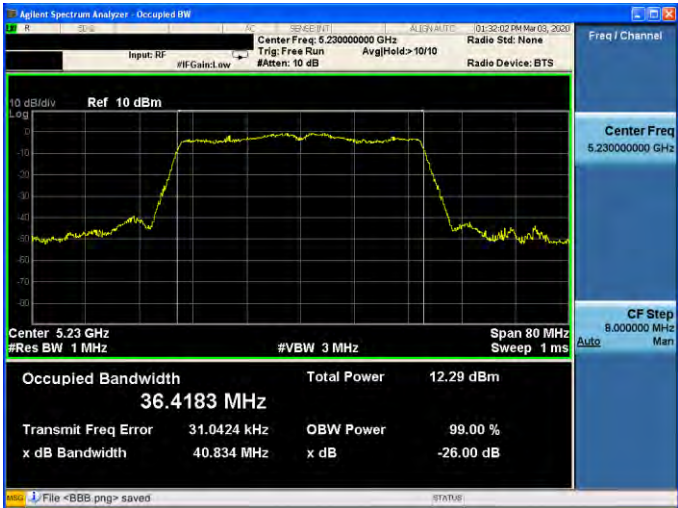
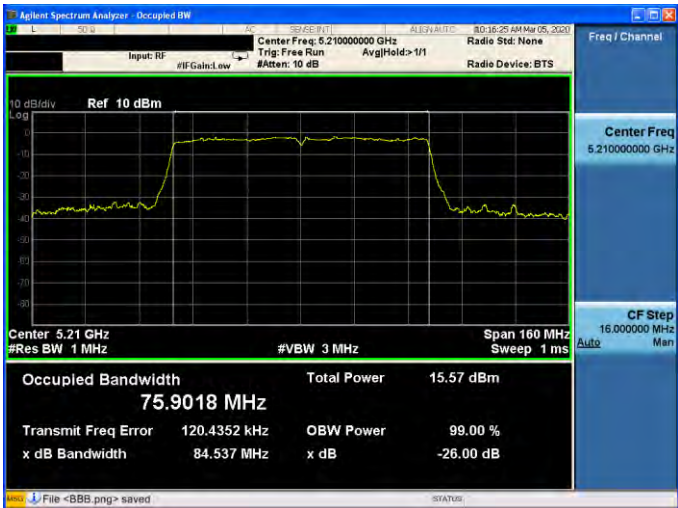
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0

5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Ref: 10 dBm Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.4923 MHz Total Power 11.54 dBm Transmit Freq Error -2.4851 kHz OBW Power 99.00 % x dB Bandwidth 19.846 MHz x dB -26.00 dB
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Ref: 10 dBm Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.4202 MHz Total Power 10.18 dBm Transmit Freq Error -9.0246 kHz OBW Power 99.00 % x dB Bandwidth 19.197 MHz x dB -26.00 dB
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Ref: 10 dBm Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.3515 MHz Total Power 10.95 dBm Transmit Freq Error -28.0346 kHz OBW Power 99.00 % x dB Bandwidth 19.770 MHz x dB -26.00 dB

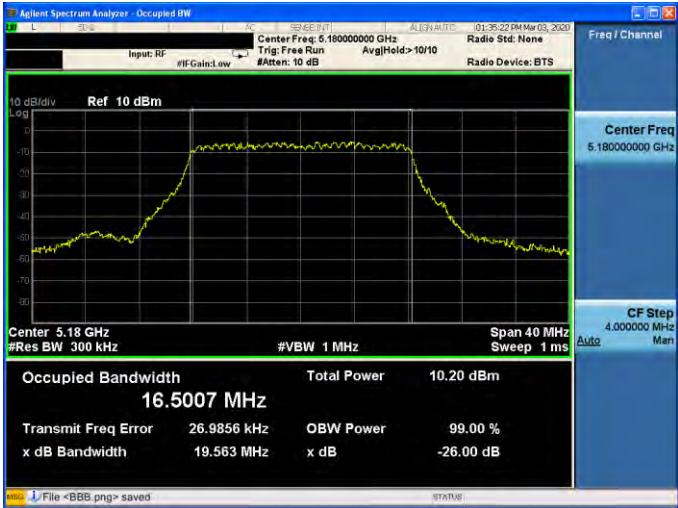
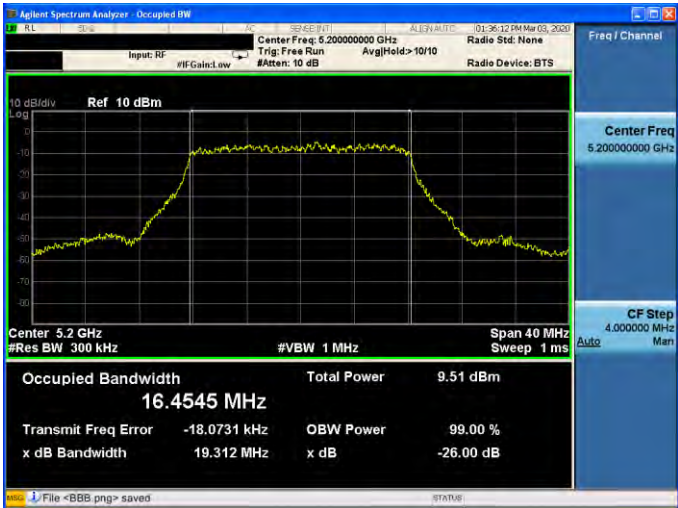
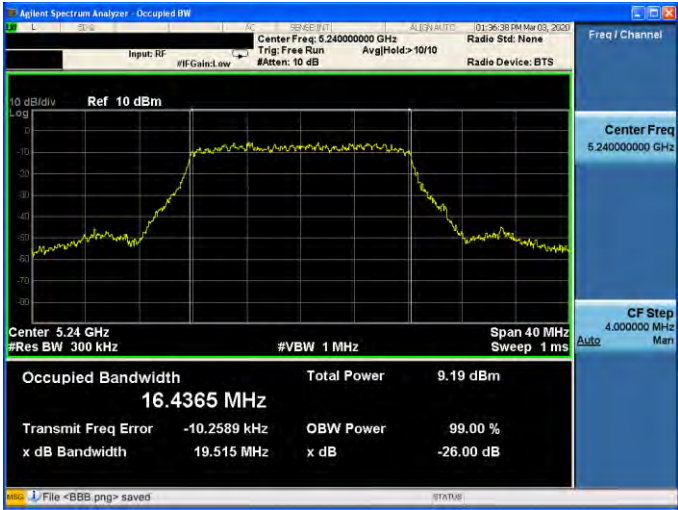


Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Input: RF Ref: 10 dBm Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.6916 MHz Total Power 10.30 dBm Transmit Freq Error 647.6731 Hz OBW Power 99.00 % x dB Bandwidth 20.400 MHz x dB -26.00 dB File <BBS.png> saved
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Input: RF Ref: 10 dBm Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.5162 MHz Total Power 10.45 dBm Transmit Freq Error -58.3290 kHz OBW Power 99.00 % x dB Bandwidth 20.062 MHz x dB -26.00 dB File <BBS.png> saved
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Input: RF Ref: 10 dBm Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.8309 MHz Total Power 9.11 dBm Transmit Freq Error -22.3470 kHz OBW Power 99.00 % x dB Bandwidth 21.121 MHz x dB -26.00 dB File <BBS.png> saved



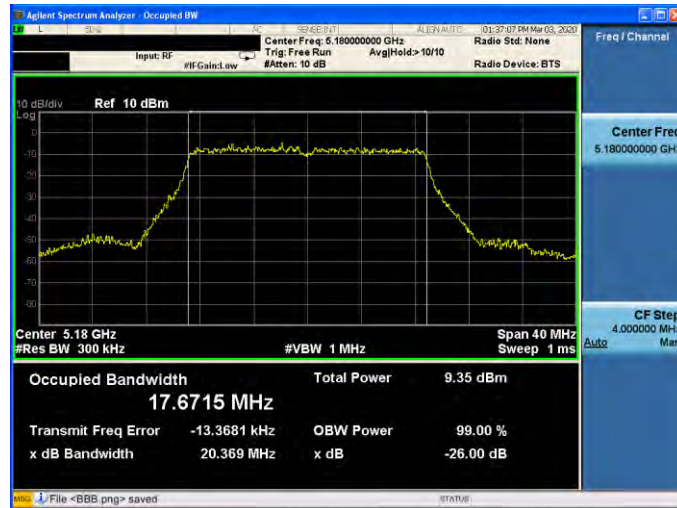
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0	
5210 MHz	



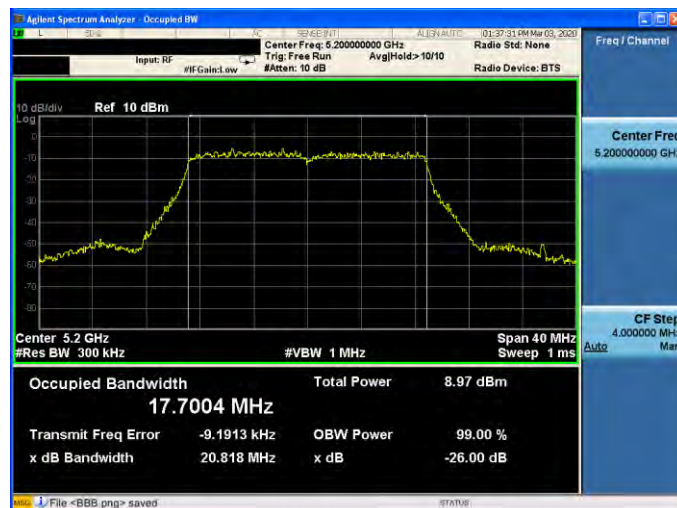
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.5007 MHz Total Power 10.20 dBm Transmit Freq Error 26.9856 kHz OBW Power 99.00 % x dB Bandwidth 19.563 MHz x dB -26.00 dB File <BBS.png> saved
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.4545 MHz Total Power 9.51 dBm Transmit Freq Error -18.0731 kHz OBW Power 99.00 % x dB Bandwidth 19.312 MHz x dB -26.00 dB File <BBS.png> saved
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.4365 MHz Total Power 9.19 dBm Transmit Freq Error -10.2589 kHz OBW Power 99.00 % x dB Bandwidth 19.515 MHz x dB -26.00 dB File <BBS.png> saved

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1

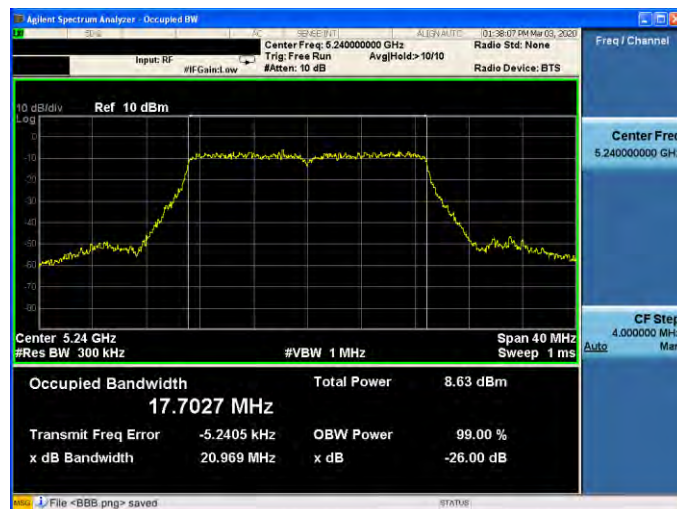
5180 MHz



5200 MHz



5240 MHz



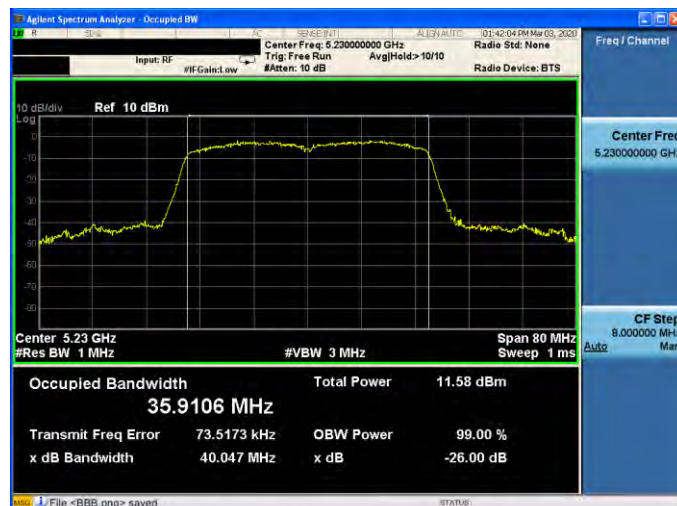


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1

5190 MHz

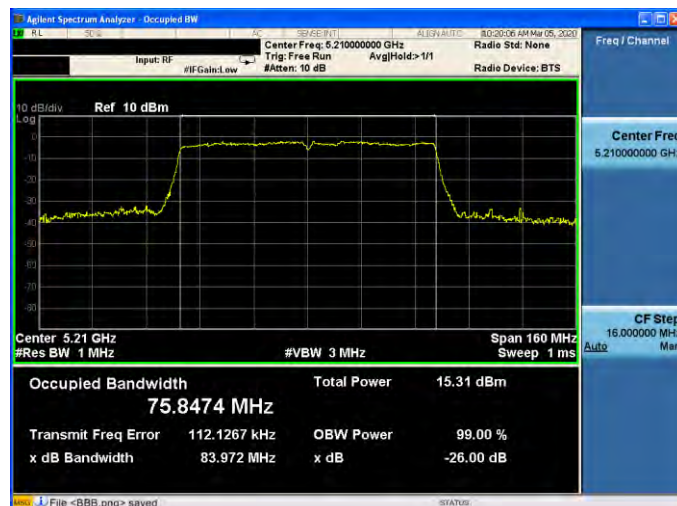


5230 MHz



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1

5210 MHz



6 dB RF Bandwidth Measurement

Master

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745.0	16349	≥ 500
5785.0	16352	≥ 500
5825.0	16406	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5745.0	16358	≥ 500
5785.0	16361	≥ 500
5825.0	16395	≥ 500

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745.0	17587	≥ 500
5785.0	17623	≥ 500
5825.0	17608	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5745.0	17215	≥ 500
5785.0	17611	≥ 500
5825.0	17632	≥ 500



Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5755.0	34696	≥ 500
5795.0	35161	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5755.0	35203	≥ 500
5795.0	35148	≥ 500

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5775.0	76014	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5775.0	76018	≥ 500

Slave

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745.0	16349	≥ 500
5785.0	16352	≥ 500
5825.0	16406	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5745.0	16358	≥ 500
5785.0	16361	≥ 500
5825.0	16395	≥ 500

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745.0	17587	≥ 500
5785.0	17623	≥ 500
5825.0	17608	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5745.0	17215	≥ 500
5785.0	17611	≥ 500
5825.0	17632	≥ 500

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5755.0	34696	≥ 500
5795.0	35161	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5755.0	35203	≥ 500
5795.0	35148	≥ 500

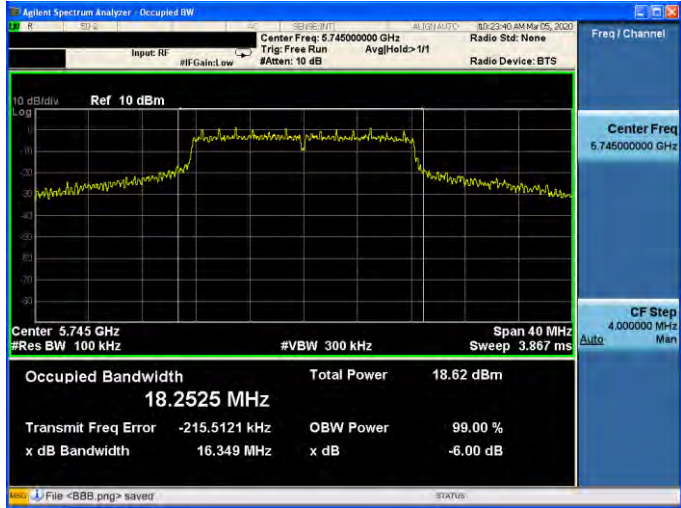
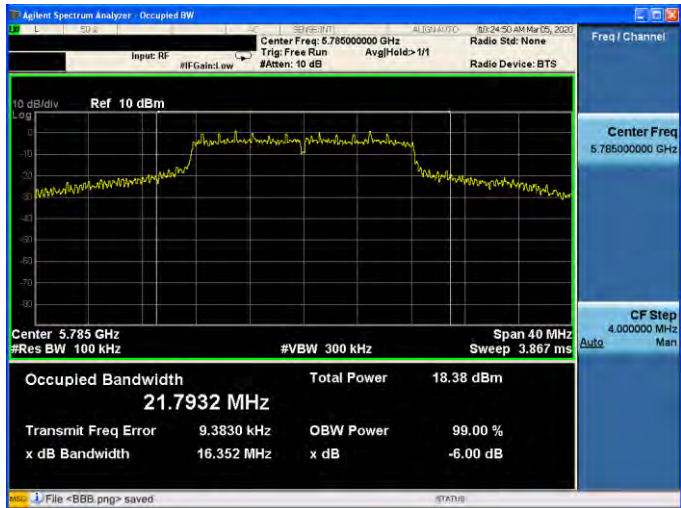
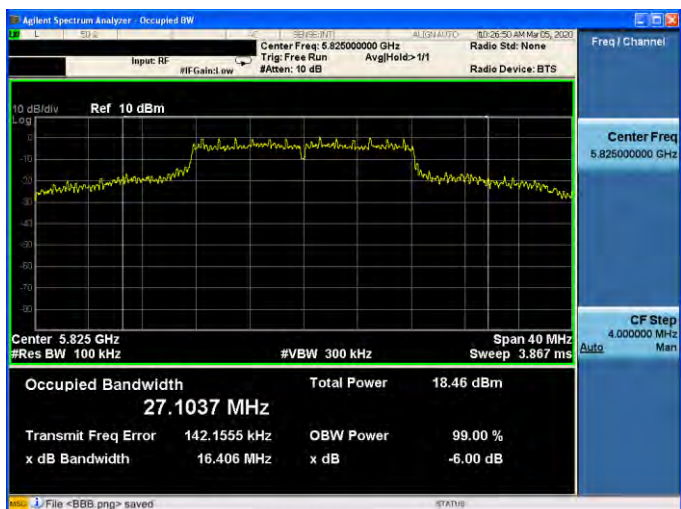
Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5775.0	76014	≥ 500
Frequency (MHz)	ANT-1	Limit (kHz)
5775.0	76018	≥ 500



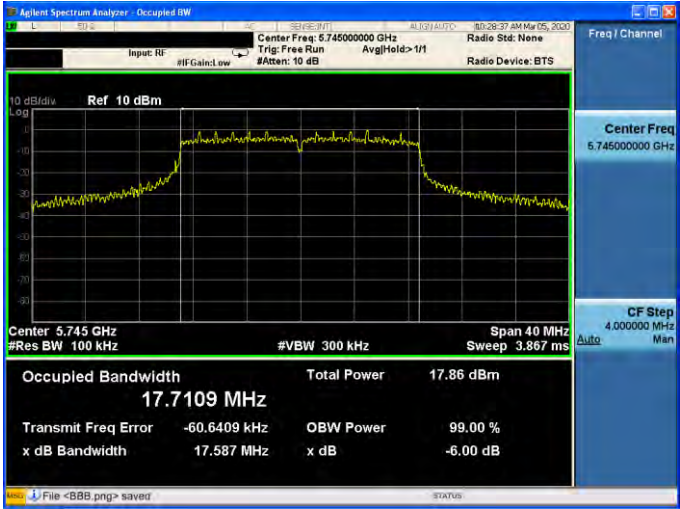
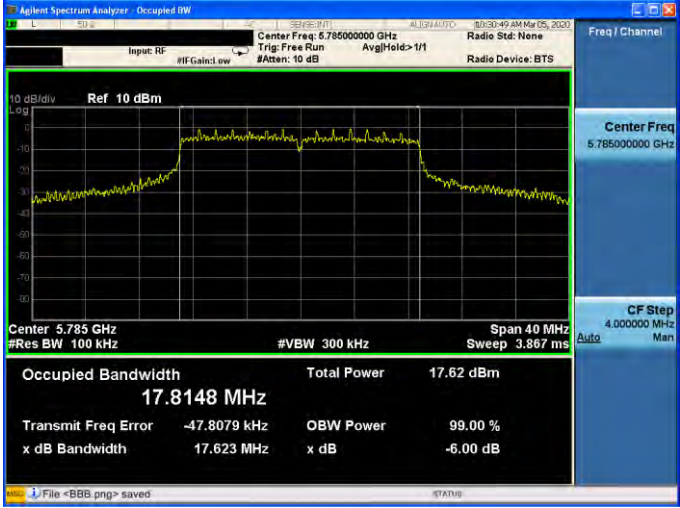
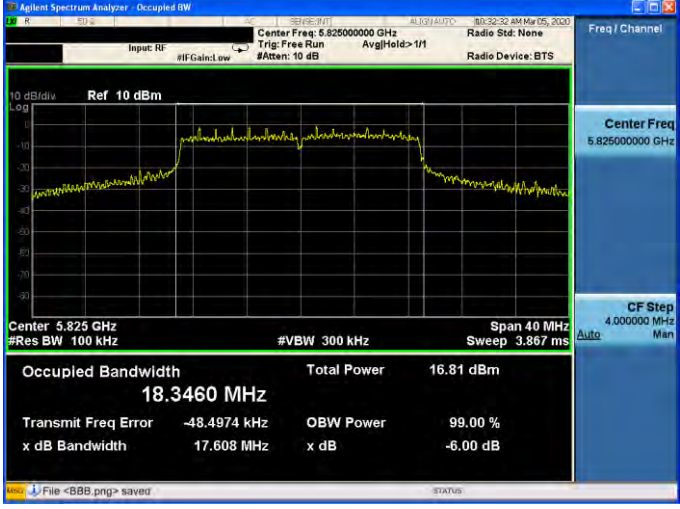
■ Test Graphs

Master

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0

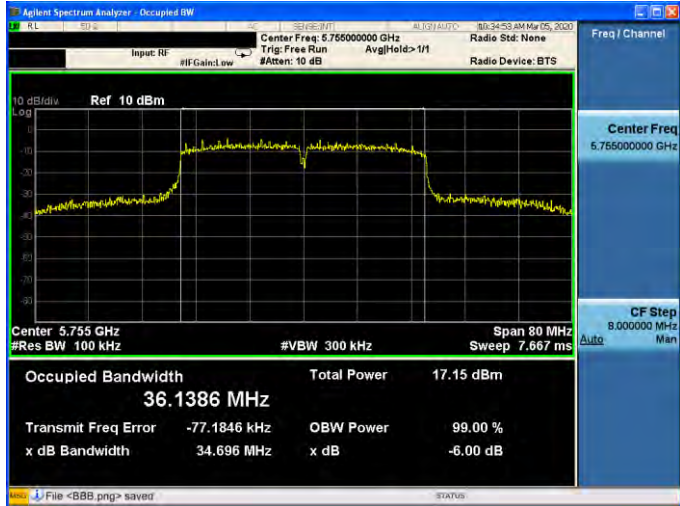
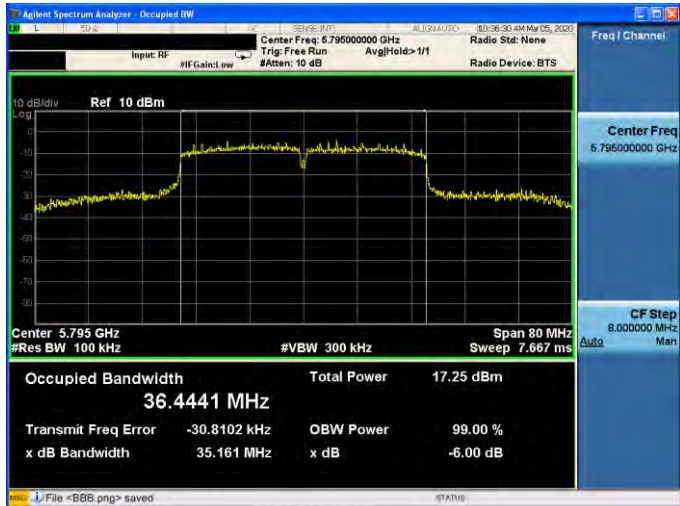
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Attenu: 10 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 18.2525 MHz Total Power 18.62 dBm Transmit Freq Error -215.5121 kHz OBW Power 99.00 % x dB Bandwidth 16.349 MHz x dB -6.00 dB File <BBB.png> saved
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Attenu: 10 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 21.7932 MHz Total Power 18.38 dBm Transmit Freq Error 9.3830 kHz OBW Power 99.00 % x dB Bandwidth 16.352 MHz x dB -6.00 dB File <BBB.png> saved
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Attenu: 10 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 27.1037 MHz Total Power 18.46 dBm Transmit Freq Error 142.1555 kHz OBW Power 99.00 % x dB Bandwidth 16.406 MHz x dB -6.00 dB File <BBB.png> saved



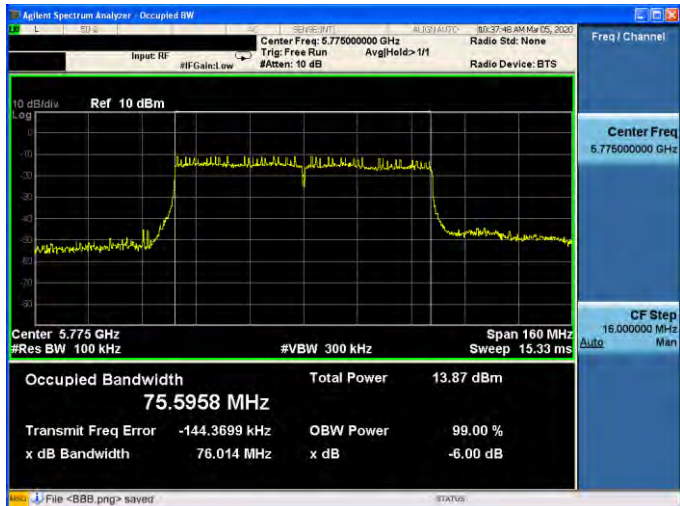
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Att: 10 dB Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.7109 MHz Total Power 17.86 dBm Transmit Freq Error -60.6409 kHz OBW Power 99.00 % x dB Bandwidth 17.587 MHz x dB -6.00 dB File <BBB.png> saved
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Att: 10 dB Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.8148 MHz Total Power 17.62 dBm Transmit Freq Error -47.8079 kHz OBW Power 99.00 % x dB Bandwidth 17.623 MHz x dB -6.00 dB File <BBB.png> saved
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Att: 10 dB Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 18.3460 MHz Total Power 16.81 dBm Transmit Freq Error -48.4974 kHz OBW Power 99.00 % x dB Bandwidth 17.608 MHz x dB -6.00 dB File <BBB.png> saved



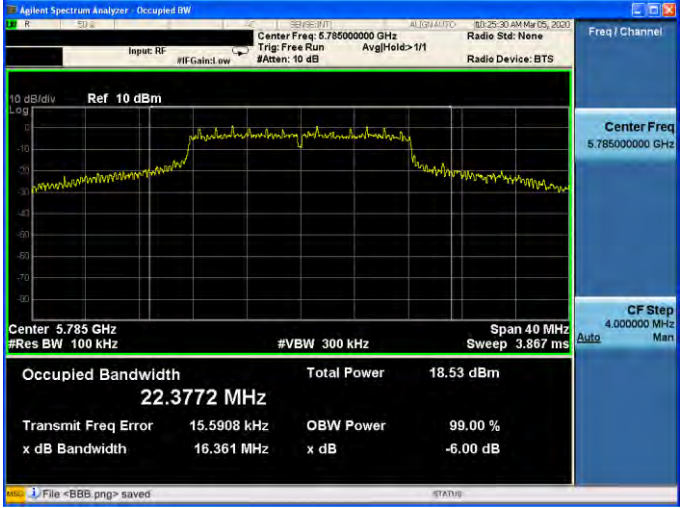
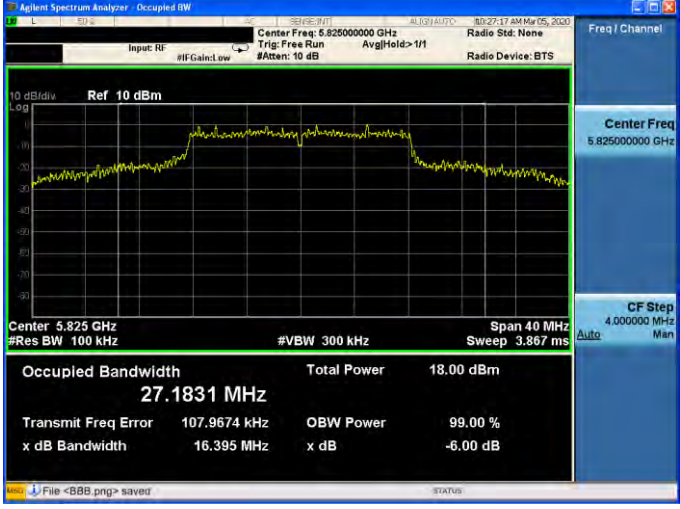
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0

5755 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.755000000 GHz Trig: Free Run Ave/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 36.1386 MHz Total Power 17.15 dBm Transmit Freq Error -77.1846 kHz OBW Power 99.00 % x dB Bandwidth 34.696 MHz x dB -6.00 dB File <BBB.png> saved
5795 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.795000000 GHz Trig: Free Run Ave/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 36.4441 MHz Total Power 17.25 dBm Transmit Freq Error -30.8102 kHz OBW Power 99.00 % x dB Bandwidth 35.161 MHz x dB -6.00 dB File <BBB.png> saved

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0

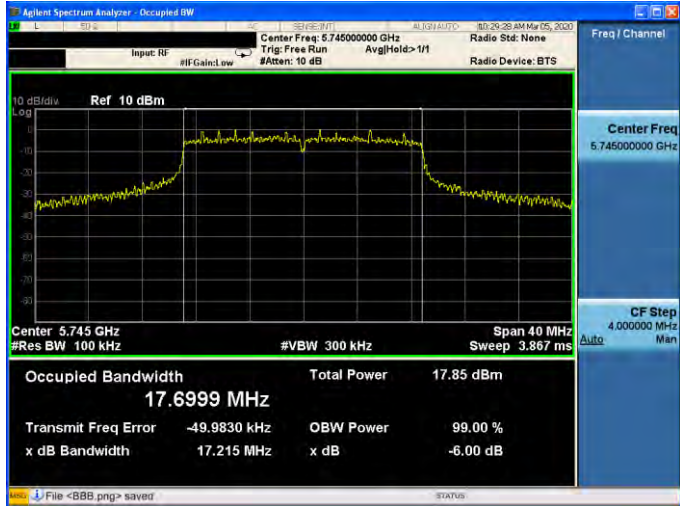
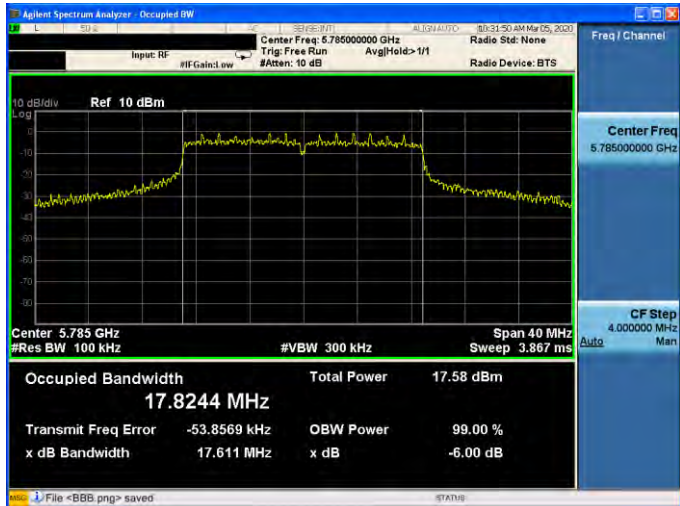
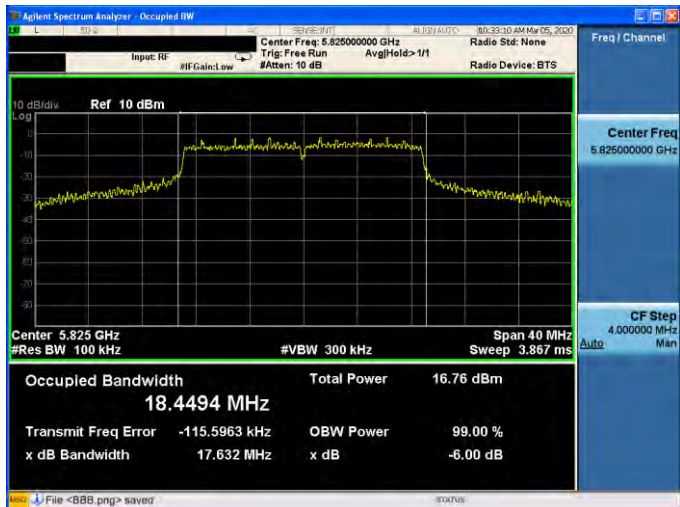
5775 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.775000000 GHz Trig: Free Run Ave/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.775 GHz #Res BW 100 kHz #VBW 300 kHz Span 160 MHz Sweep 15.33 ms Occupied Bandwidth 75.5958 MHz Total Power 13.87 dBm Transmit Freq Error -144.3699 kHz OBW Power 99.00 % x dB Bandwidth 76.014 MHz x dB -6.00 dB File <BBB.png> saved
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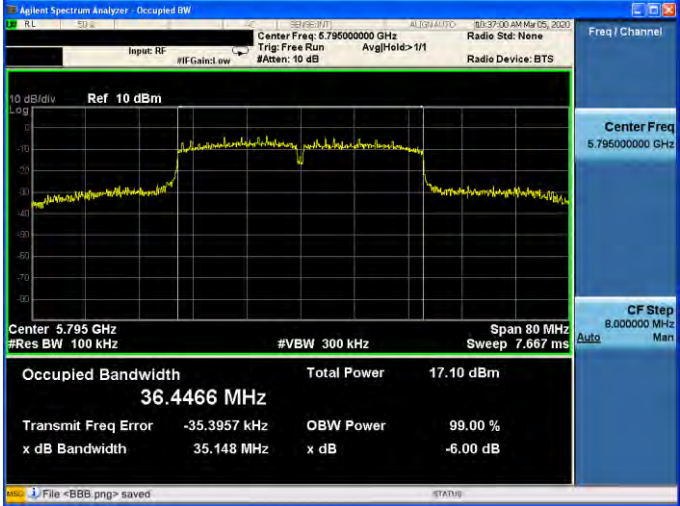
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 19.2110 MHz Total Power 18.89 dBm Transmit Freq Error -233.1489 kHz OBW Power 99.00 % x dB Bandwidth 16.358 MHz x dB -6.00 dB File <BBB.png> saved STATUS
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 22.3772 MHz Total Power 18.53 dBm Transmit Freq Error 15.5908 kHz OBW Power 99.00 % x dB Bandwidth 16.361 MHz x dB -6.00 dB File <BBB.png> saved STATUS
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 27.1831 MHz Total Power 18.00 dBm Transmit Freq Error 107.9674 kHz OBW Power 99.00 % x dB Bandwidth 16.395 MHz x dB -6.00 dB File <BBB.png> saved STATUS



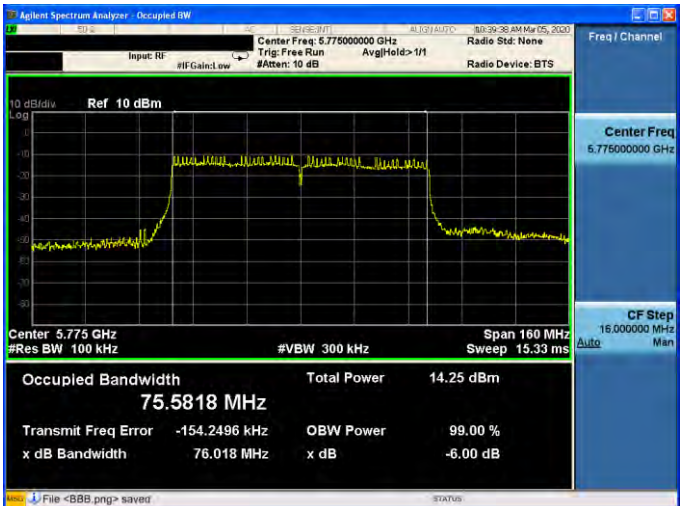
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1

5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.6999 MHz Total Power 17.85 dBm Transmit Freq Error -49.9830 kHz OBW Power 99.00 % x dB Bandwidth 17.215 MHz x dB -6.00 dB File <BBB.png> saved STATUS
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.8244 MHz Total Power 17.58 dBm Transmit Freq Error -53.8569 kHz OBW Power 99.00 % x dB Bandwidth 17.611 MHz x dB -6.00 dB File <BBB.png> saved STATUS
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 18.4494 MHz Total Power 16.76 dBm Transmit Freq Error -115.5963 kHz OBW Power 99.00 % x dB Bandwidth 17.632 MHz x dB -6.00 dB File <BBB.png> saved STATUS

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1

5755 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.755000000 GHz Trig: Free Run Ave/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 36.1955 MHz Total Power 17.68 dBm Transmit Freq Error -70.1531 kHz OBW Power 99.00 % x dB Bandwidth 35.203 MHz x dB -6.00 dB File <BBB.png> saved
5795 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.795000000 GHz Trig: Free Run Ave/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 36.4466 MHz Total Power 17.10 dBm Transmit Freq Error -35.3957 kHz OBW Power 99.00 % x dB Bandwidth 35.148 MHz x dB -6.00 dB File <BBB.png> saved

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1

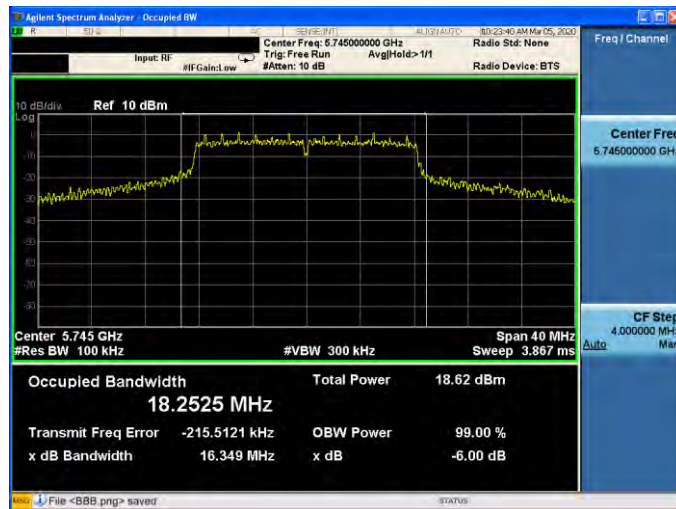
5775 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.775000000 GHz Trig: Free Run Ave/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.775 GHz #Res BW 100 kHz #VBW 300 kHz Span 160 MHz Sweep 15.33 ms Occupied Bandwidth 75.5818 MHz Total Power 14.25 dBm Transmit Freq Error -154.2496 kHz OBW Power 99.00 % x dB Bandwidth 76.018 MHz x dB -6.00 dB File <BBB.png> saved
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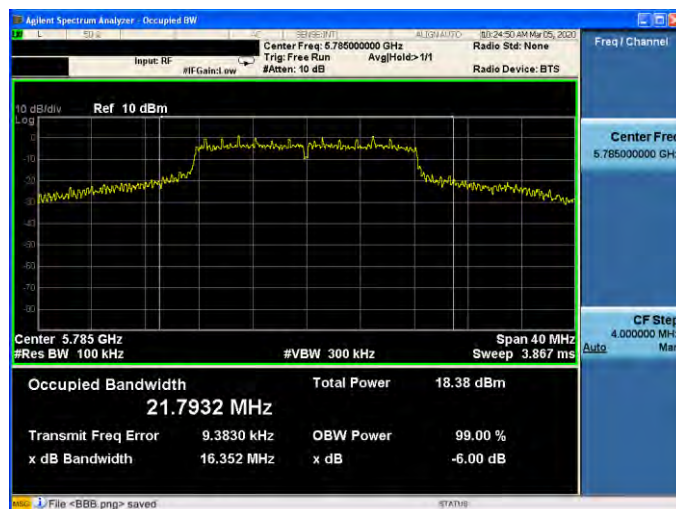
Slave

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0

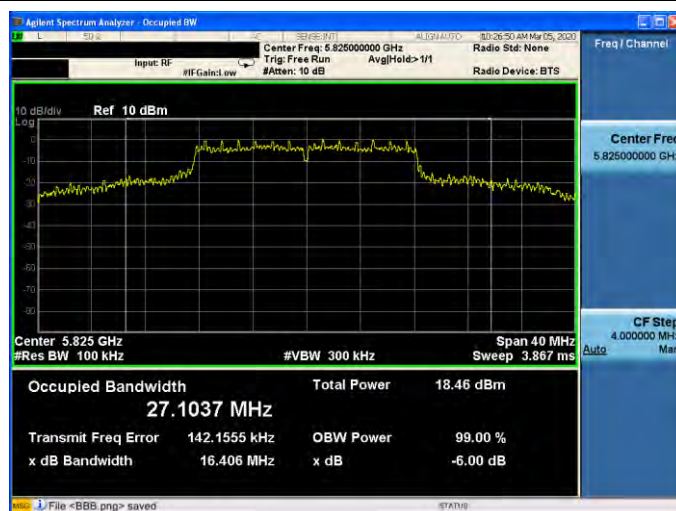
5745 MHz



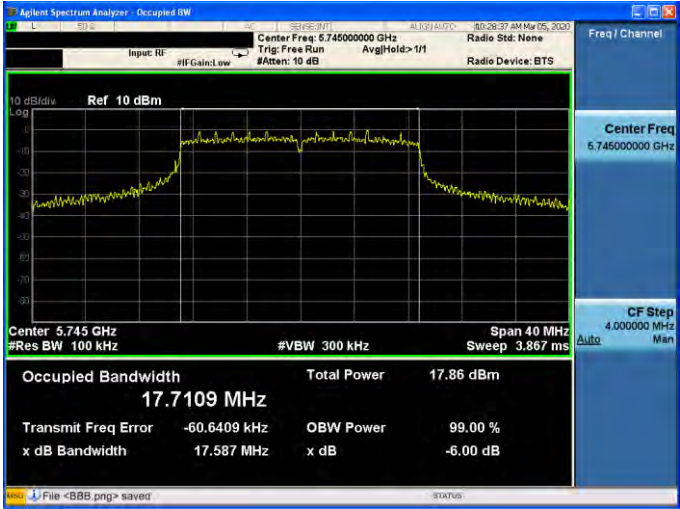
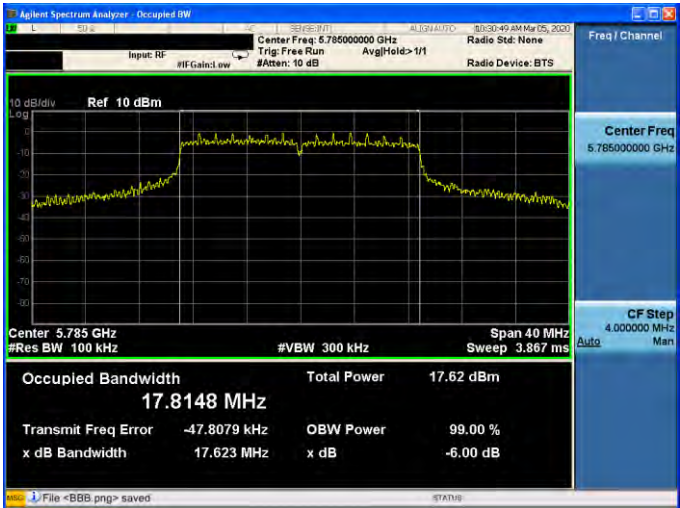
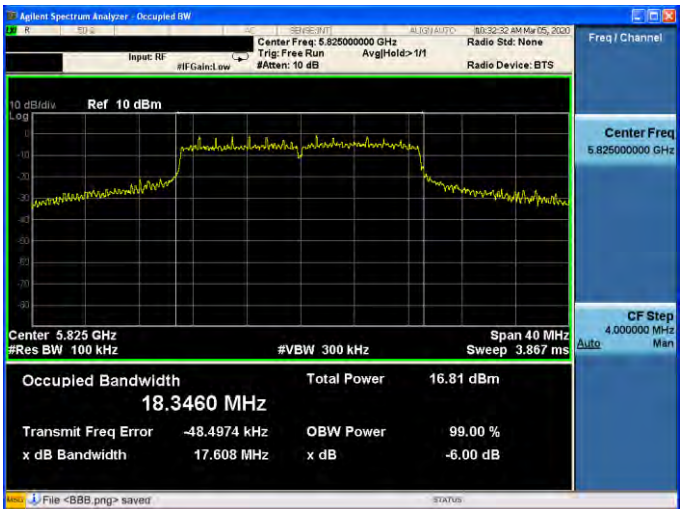
5785 MHz



5825 MHz

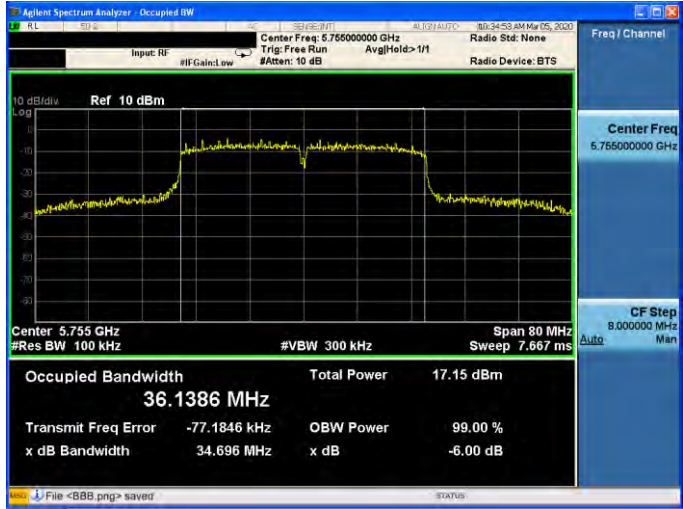
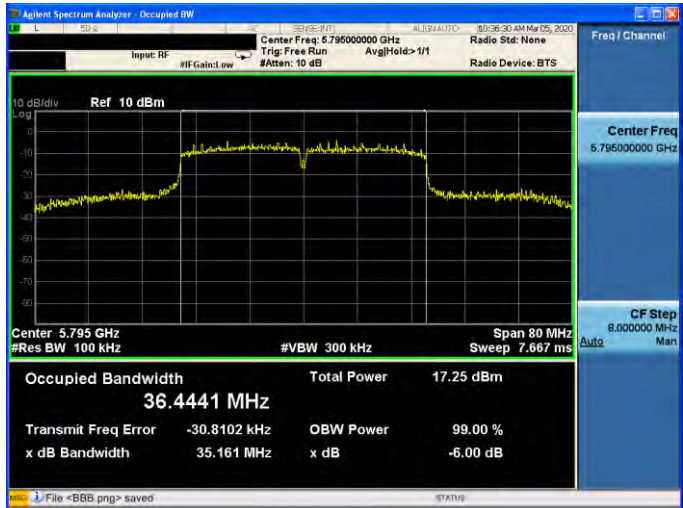




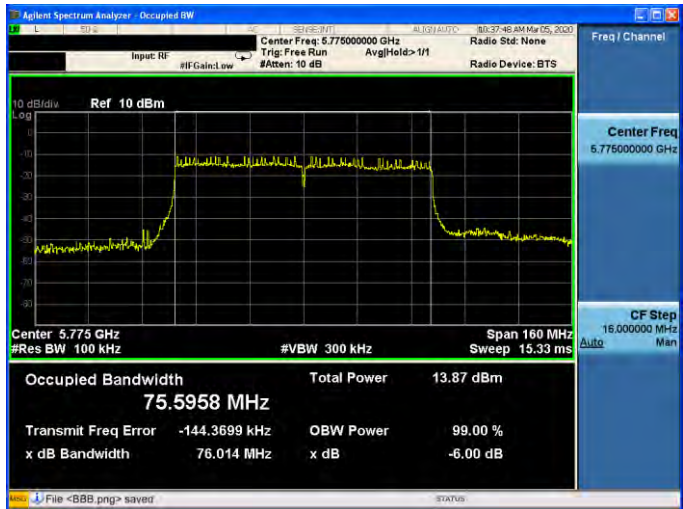
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz #Res BW: 100 kHz #VBW: 300 kHz Sweep: 3.867 ms Occupied Bandwidth: 17.7109 MHz Total Power: 17.86 dBm Transmit Freq Error: -60.6409 kHz OBW Power: 99.00 % x dB Bandwidth: 17.587 MHz x dB: -6.00 dB
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz #Res BW: 100 kHz #VBW: 300 kHz Sweep: 3.867 ms Occupied Bandwidth: 17.8148 MHz Total Power: 17.62 dBm Transmit Freq Error: -47.8079 kHz OBW Power: 99.00 % x dB Bandwidth: 17.623 MHz x dB: -6.00 dB
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz #Res BW: 100 kHz #VBW: 300 kHz Sweep: 3.867 ms Occupied Bandwidth: 18.3460 MHz Total Power: 16.81 dBm Transmit Freq Error: -48.4974 kHz OBW Power: 99.00 % x dB Bandwidth: 17.608 MHz x dB: -6.00 dB



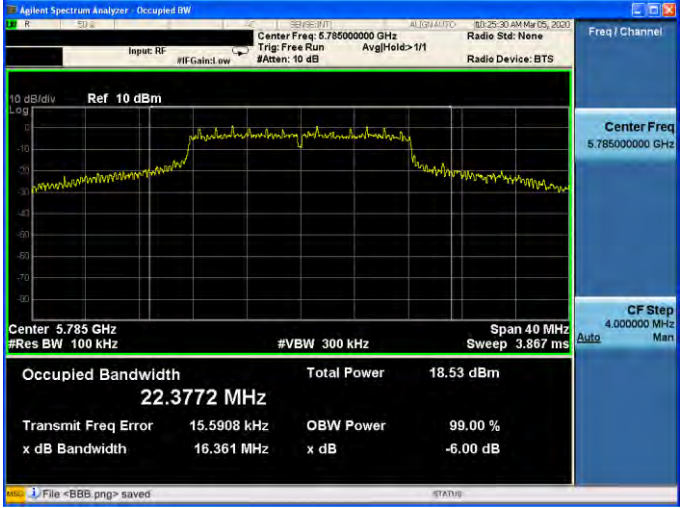
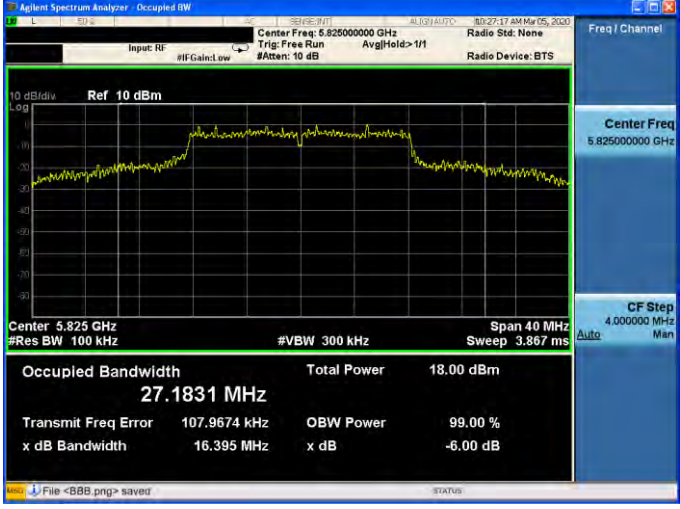
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0

5755 MHz	
5795 MHz	

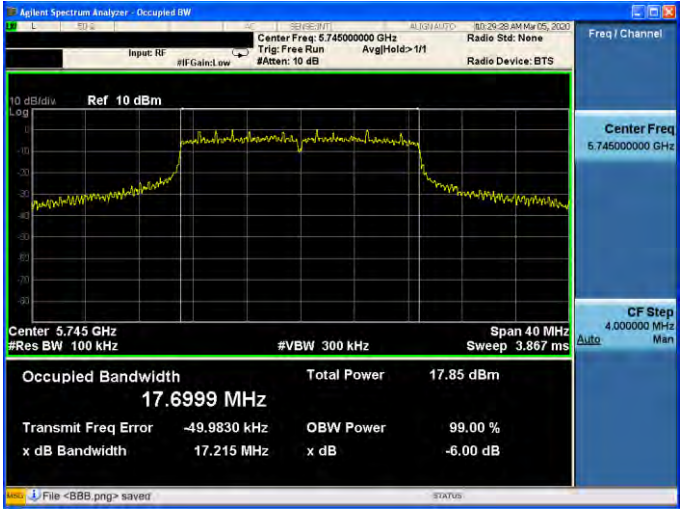
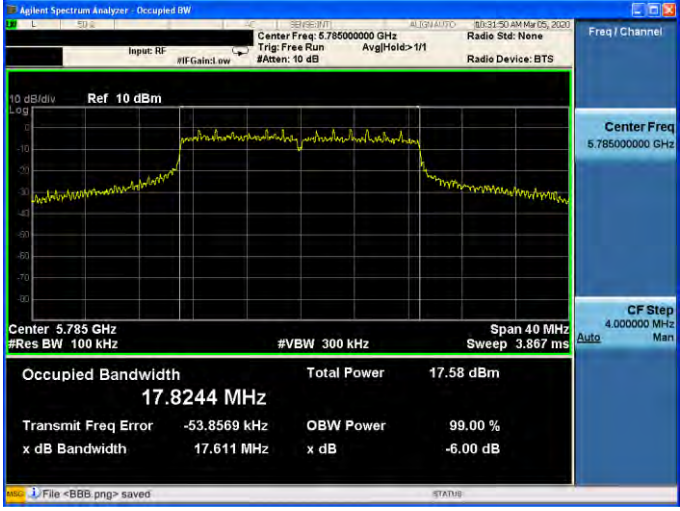
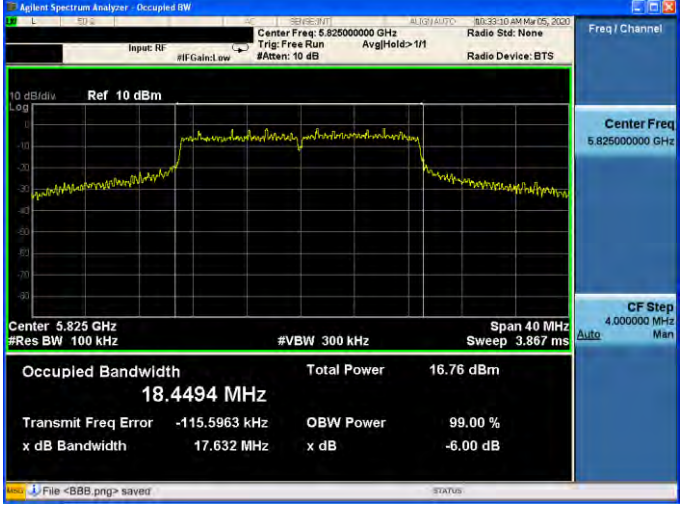
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0

5775 MHz	
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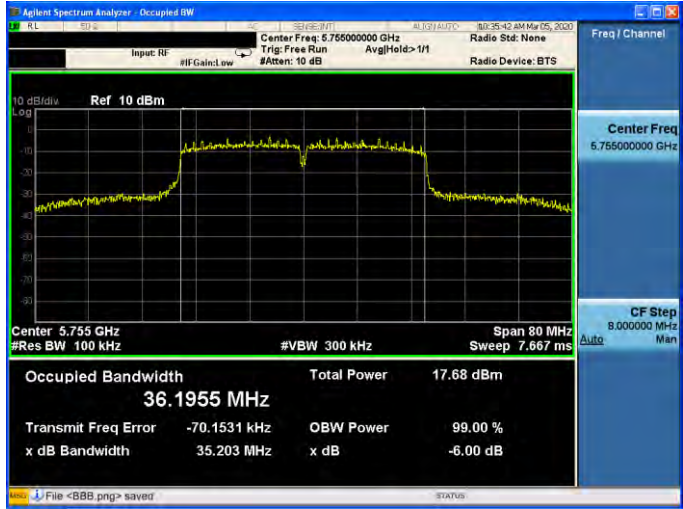
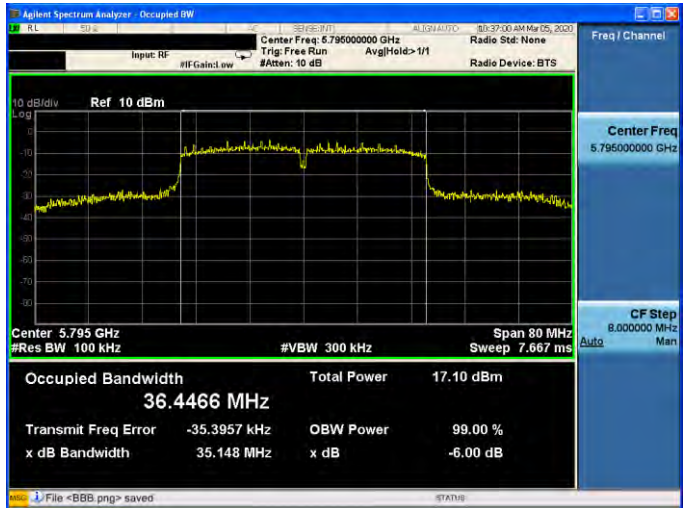
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 19.2110 MHz Total Power 18.89 dBm Transmit Freq Error -233.1489 kHz OBW Power 99.00 % x dB Bandwidth 16.358 MHz x dB -6.00 dB File <BBB.png> saved STATUS
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 22.3772 MHz Total Power 18.53 dBm Transmit Freq Error 15.5908 kHz OBW Power 99.00 % x dB Bandwidth 16.361 MHz x dB -6.00 dB File <BBB.png> saved STATUS
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Input: RF Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref 10 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 27.1831 MHz Total Power 18.00 dBm Transmit Freq Error 107.9674 kHz OBW Power 99.00 % x dB Bandwidth 16.395 MHz x dB -6.00 dB File <BBB.png> saved STATUS



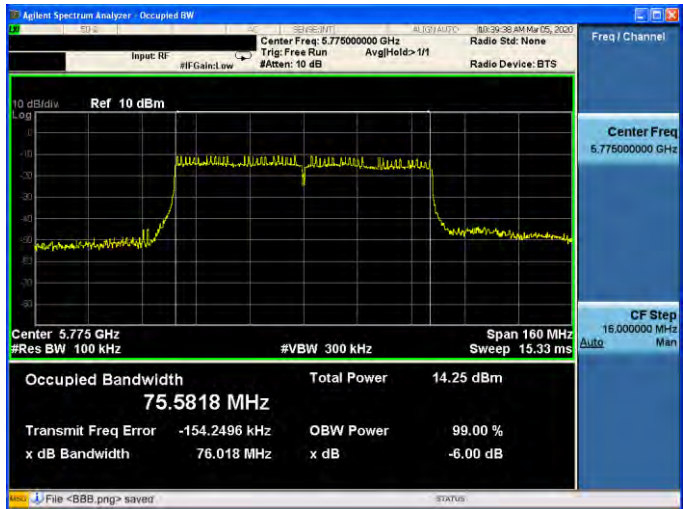
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz #Res BW: 100 kHz #VBW: 300 kHz Sweep: 3.867 ms Occupied Bandwidth: 17.6999 MHz Total Power: 17.85 dBm Transmit Freq Error: -49.9830 kHz OBW Power: 99.00 % x dB Bandwidth: 17.215 MHz x dB: -6.00 dB
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz #Res BW: 100 kHz #VBW: 300 kHz Sweep: 3.867 ms Occupied Bandwidth: 17.8244 MHz Total Power: 17.58 dBm Transmit Freq Error: -53.8569 kHz OBW Power: 99.00 % x dB Bandwidth: 17.611 MHz x dB: -6.00 dB
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz #Res BW: 100 kHz #VBW: 300 kHz Sweep: 3.867 ms Occupied Bandwidth: 18.4494 MHz Total Power: 16.76 dBm Transmit Freq Error: -115.5963 kHz OBW Power: 99.00 % x dB Bandwidth: 17.632 MHz x dB: -6.00 dB



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1

5755 MHz	
5795 MHz	

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1

5775 MHz	
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Maximum Power Spectral Density Measurement

Master				
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	9.909	0.084	9.993	≤ 15.37
5200	12.106	0.084	12.190	
5240	11.985	0.084	12.069	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	9.530	0.084	9.614	≤ 15.37
5200	11.487	0.084	11.571	
5240	11.297	0.084	11.381	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	12.817			≤ 15.37
5200.0	14.901			
5240.0	14.748			

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 Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	5.286	0.084	12.359	≤ 28.40
5785	5.211	0.084	12.284	
5825	5.536	0.084	12.609	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	6.353	0.084	13.426	≤ 28.40
5785	6.331	0.084	13.404	
5825	6.325	0.084	13.398	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	15.936			≤ 28.40
5785	15.891			
5825	16.032			

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

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	9.809	0.026	9.835	≤ 15.37
5200	11.857	0.026	11.883	
5240	11.858	0.026	11.884	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	9.028	0.026	9.054	≤ 15.37
5200	11.608	0.026	11.634	
5240	11.104	0.026	11.130	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	12.472			≤ 15.37
5200.0	14.771			
5240.0	14.534			

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

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	3.822	0.026	10.838	≤ 28.40
5785	3.784	0.026	10.800	
5825	4.231	0.026	11.247	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	4.874	0.026	11.890	≤ 28.40
5785	4.737	0.026	11.753	
5825	5.270	0.026	12.286	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	14.406			≤ 28.40
5785	14.313			
5825	14.808			

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

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.821	0.088	2.909	≤ 15.37
5230	8.458	0.088	8.546	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.168	0.088	2.256	≤ 15.37
5230	8.493	0.088	8.581	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190.0	5.605			≤ 15.37
5230.0	11.574			

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

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	1.270	0.088	8.348	≤ 28.40
5795	1.121	0.088	8.199	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	2.078	0.088	9.156	≤ 28.40
5795	2.324	0.088	9.402	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5755	11.781			≤ 28.40
5795	11.852			

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

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.400	0.186	-1.214	≤ 15.37
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.582	0.186	-1.396	≤ 15.37
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210.0	1.706			≤ 15.37

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

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-6.324	0.186	0.851	≤ 28.40
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	5.364	0.186	12.539	≤ 28.40
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	12.824			≤ 28.40

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

Conversion ratio = 10*Log(500 k/100 k)

Slave

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.701	0.084	5.785	≤ 9.37
5200	5.552	0.084	5.636	
5240	5.638	0.084	5.722	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.507	0.084	5.591	≤ 9.37
5200	5.397	0.084	5.481	
5240	5.084	0.084	5.168	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	8.699			≤ 9.37
5200.0	8.569			
5240.0	8.464			

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 Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	5.286	0.084	12.359	≤ 28.40
5785	5.211	0.084	12.284	
5825	5.536	0.084	12.609	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	6.353	0.084	13.426	≤ 28.40
5785	6.331	0.084	13.404	
5825	6.325	0.084	13.398	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	15.936			≤ 28.40
5785	15.891			
5825	16.032			

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

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.086	0.026	5.112	≤ 9.37
5200	5.197	0.026	5.223	
5240	5.080	0.026	5.106	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.137	0.026	5.163	≤ 9.37
5200	5.195	0.026	5.221	
5240	5.044	0.026	5.070	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	8.148			≤ 9.37
5200.0	8.232			
5240.0	8.098			

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

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	3.822	0.026	10.838	≤ 28.40
5785	3.784	0.026	10.800	
5825	4.231	0.026	11.247	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	4.874	0.026	11.890	≤ 28.40
5785	4.737	0.026	11.753	
5825	5.270	0.026	12.286	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	14.406			≤ 28.40
5785	14.313			
5825	14.808			

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

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.821	0.088	2.909	≤ 9.37
5230	3.002	0.088	3.090	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.168	0.088	2.256	≤ 9.37
5230	2.675	0.088	2.763	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190.0	5.605			≤ 9.37
5230.0	5.940			

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

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	1.270	0.088	8.348	≤ 28.40
5795	1.121	0.088	8.199	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	2.078	0.088	9.156	≤ 28.40
5795	2.324	0.088	9.402	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5755	11.781			≤ 28.40
5795	11.852			

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

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.400	0.186	-1.214	≤ 9.37
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.582	0.186	-1.396	≤ 9.37
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210.0	1.706			≤ 9.37

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

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-6.324	0.186	0.851	≤ 28.40
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	5.364	0.186	12.539	≤ 28.40
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	12.824			≤ 28.40

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

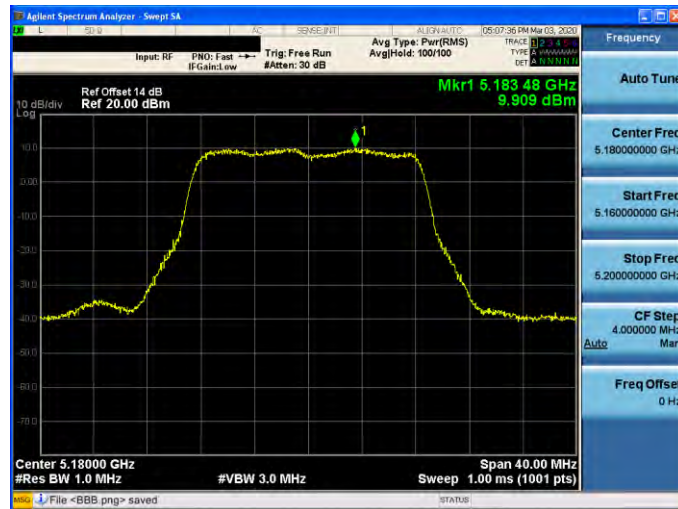
Conversion ratio = 10*Log(500 k/100 k)

■ Test Graphs

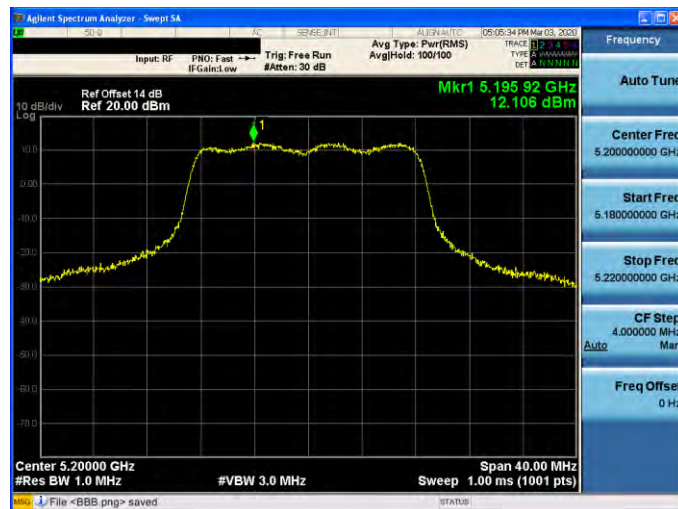
Master

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

5180 MHz



5200 MHz



5240 MHz

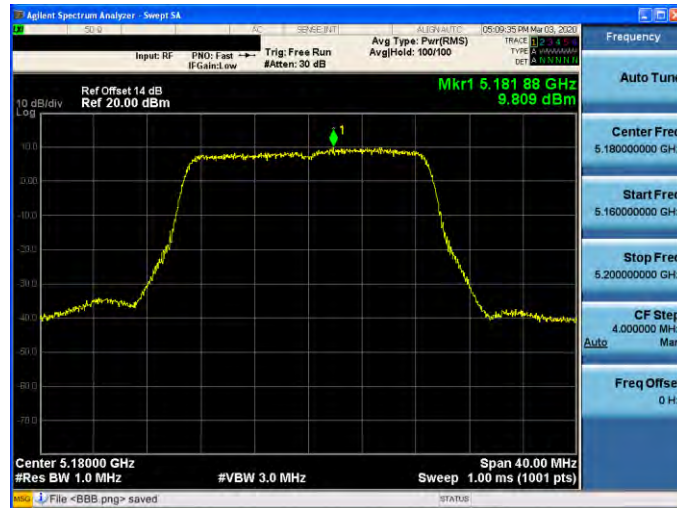




Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0

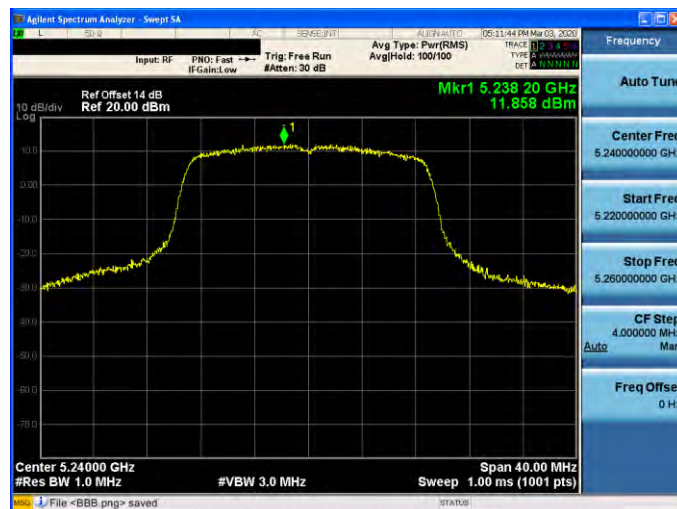
5180 MHz

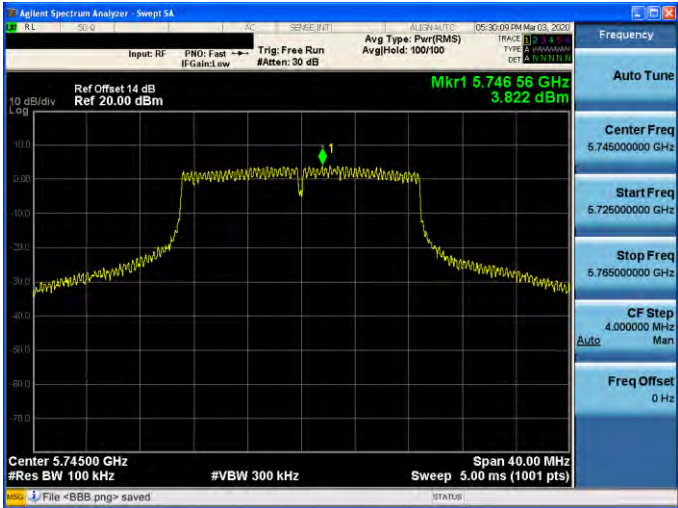
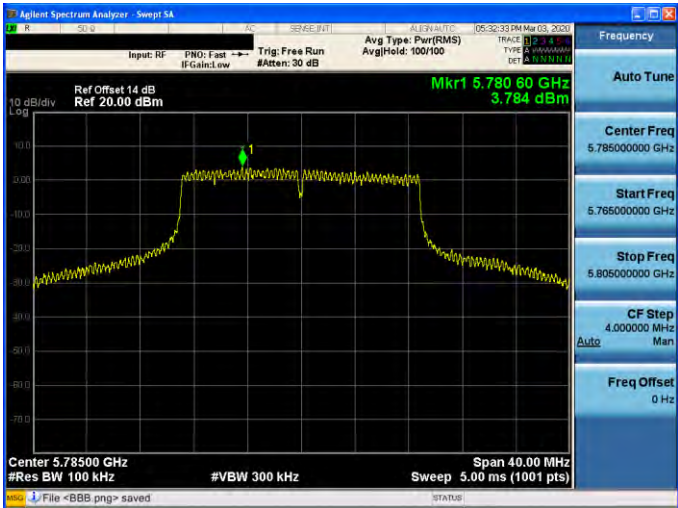
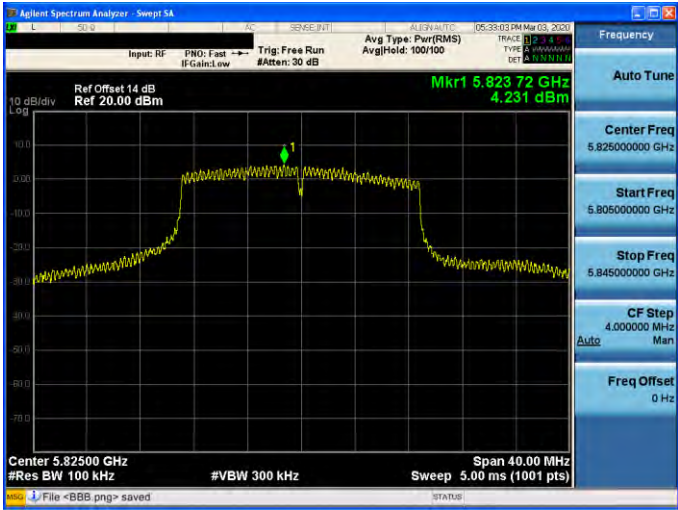


5200 MHz



5240 MHz



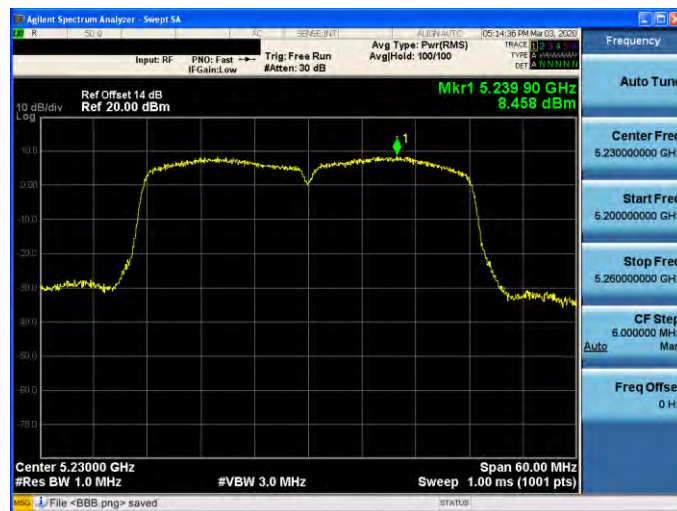
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.746 56 GHz 3.822 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.745000000 GHz Start Freq 5.725000000 GHz Stop Freq 5.765000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.780 60 GHz 3.784 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.785000000 GHz Start Freq 5.765000000 GHz Stop Freq 5.805000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.823 72 GHz 4.231 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.825000000 GHz Start Freq 5.805000000 GHz Stop Freq 5.845000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0

5190 MHz

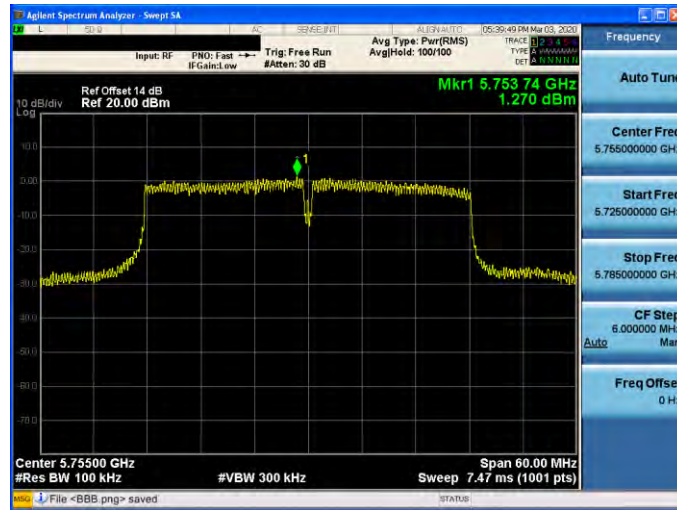


5230 MHz

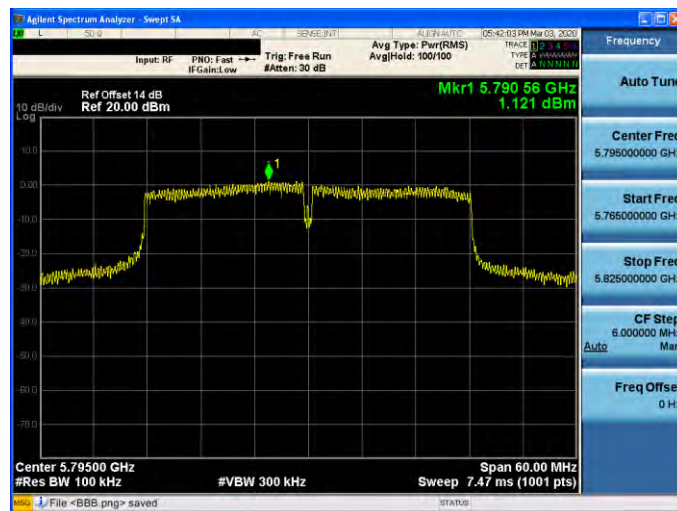


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0

5755 MHz



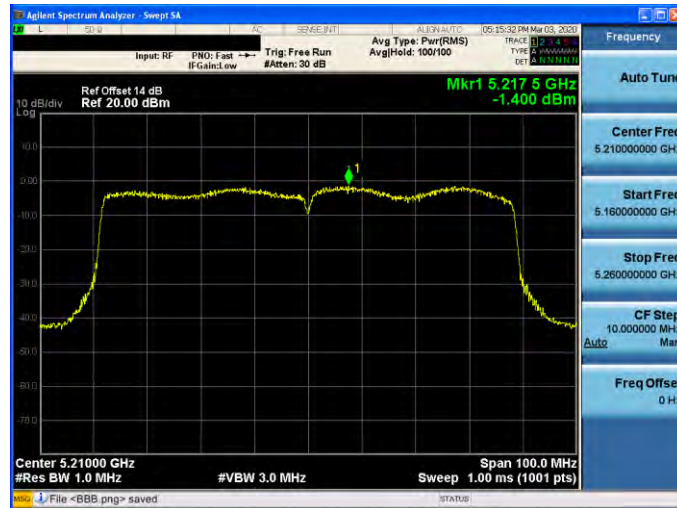
5795 MHz





Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0

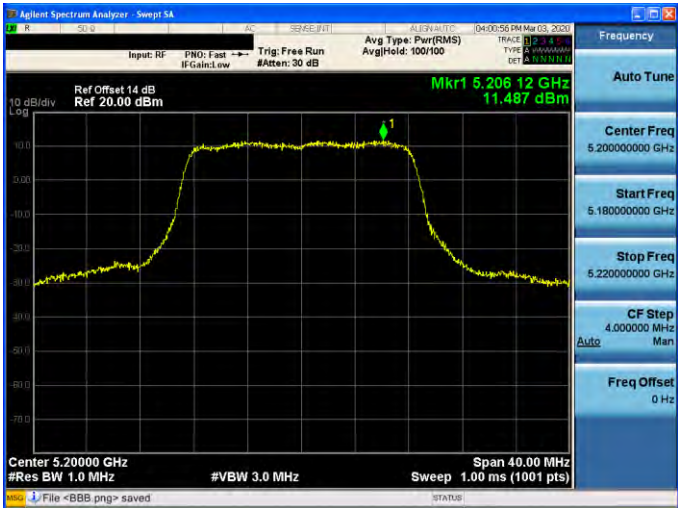
5210 MHz

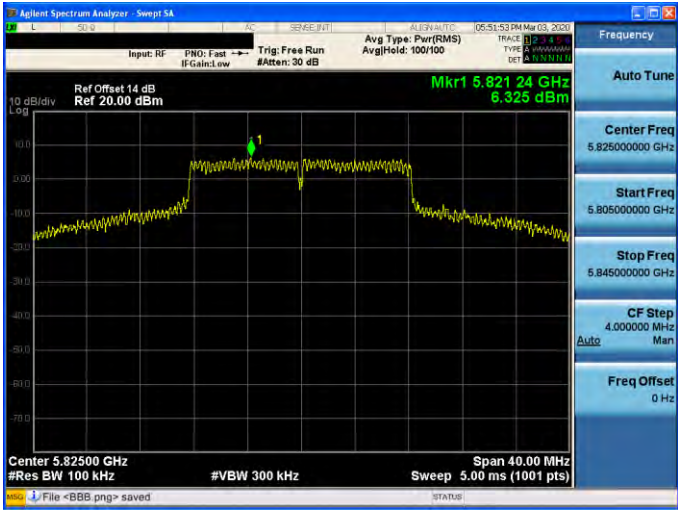


Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0

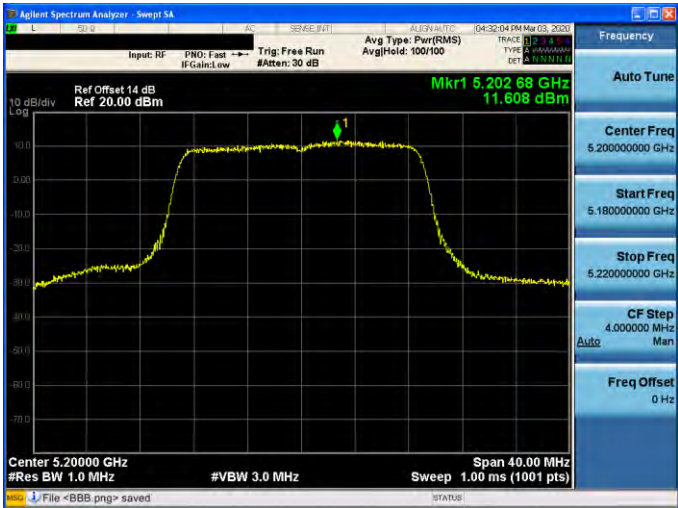
5775 MHz

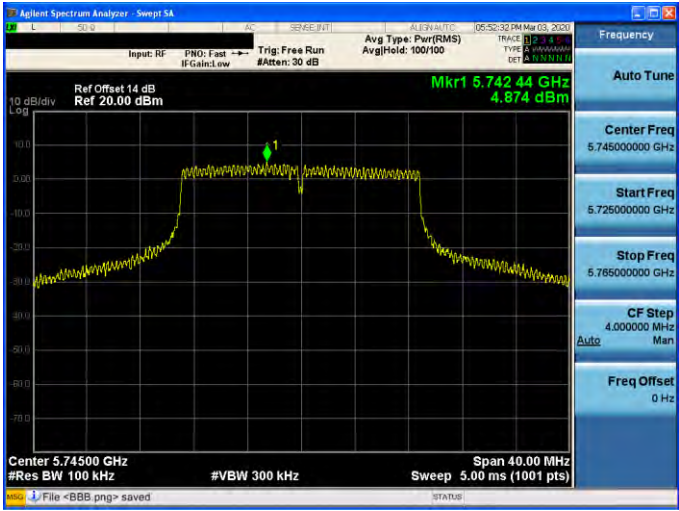
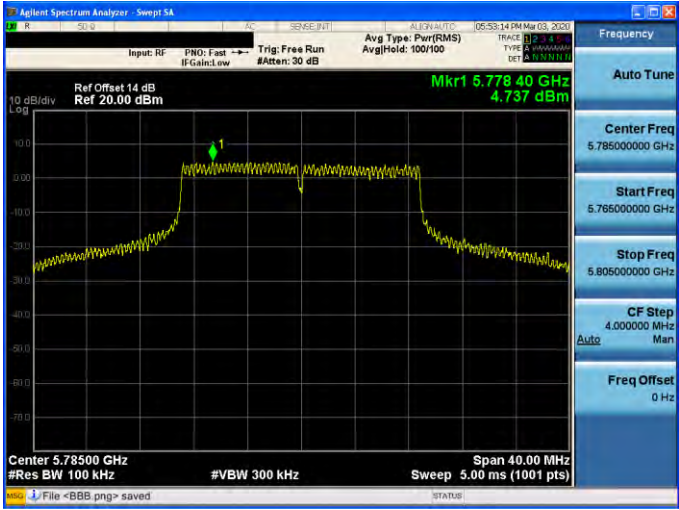
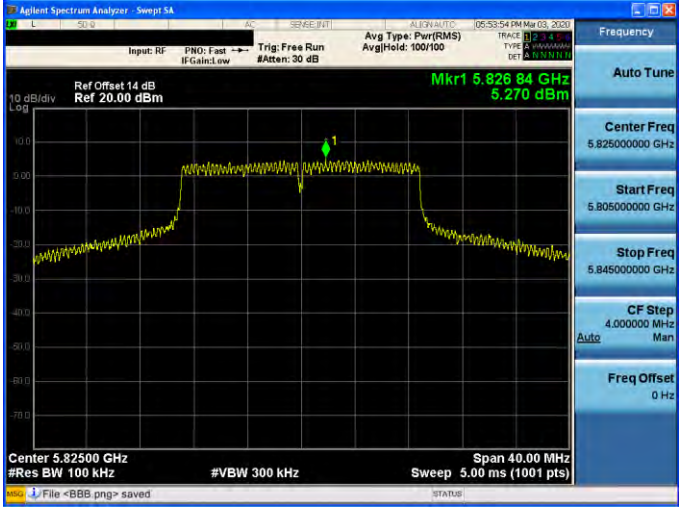


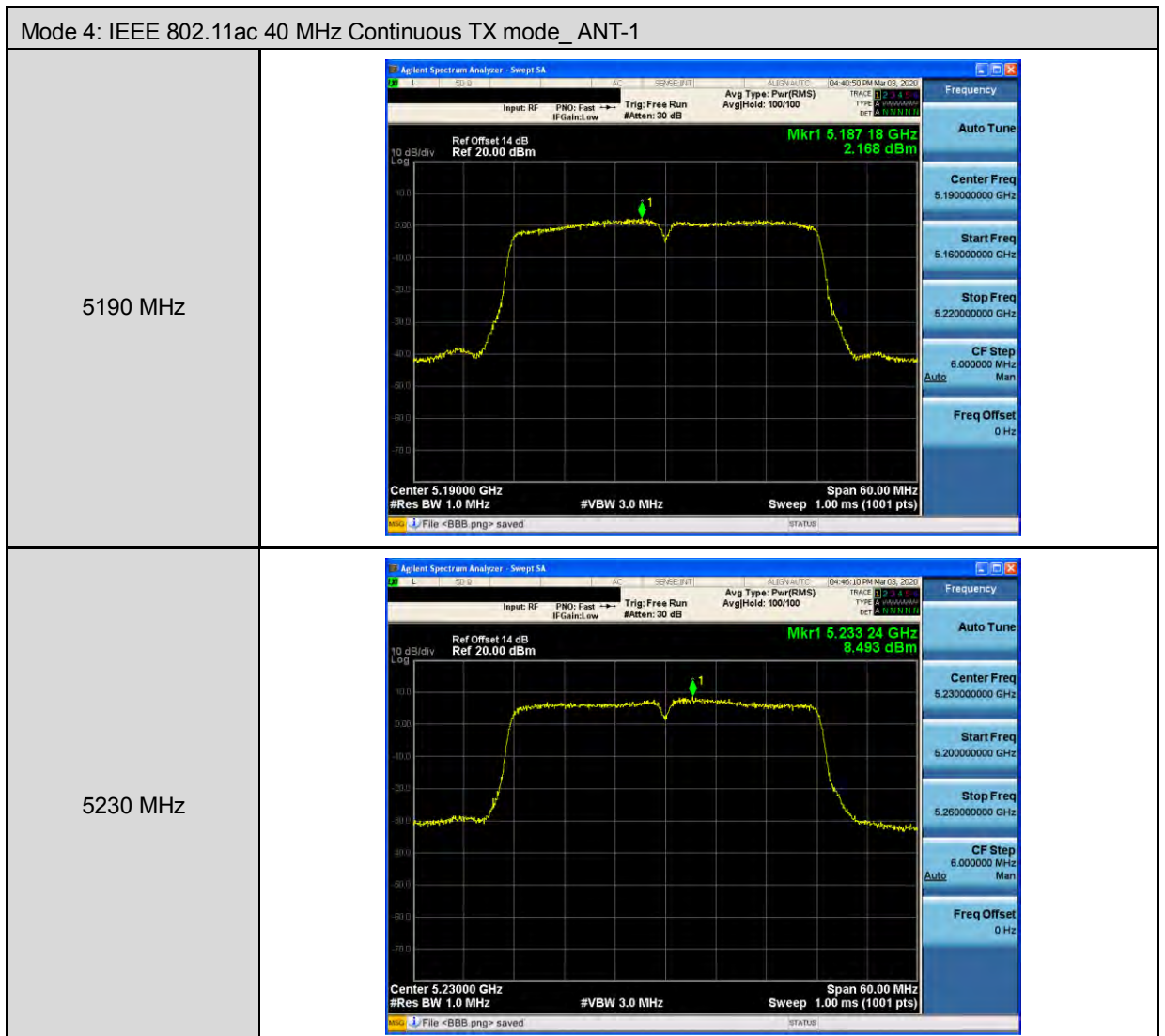
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

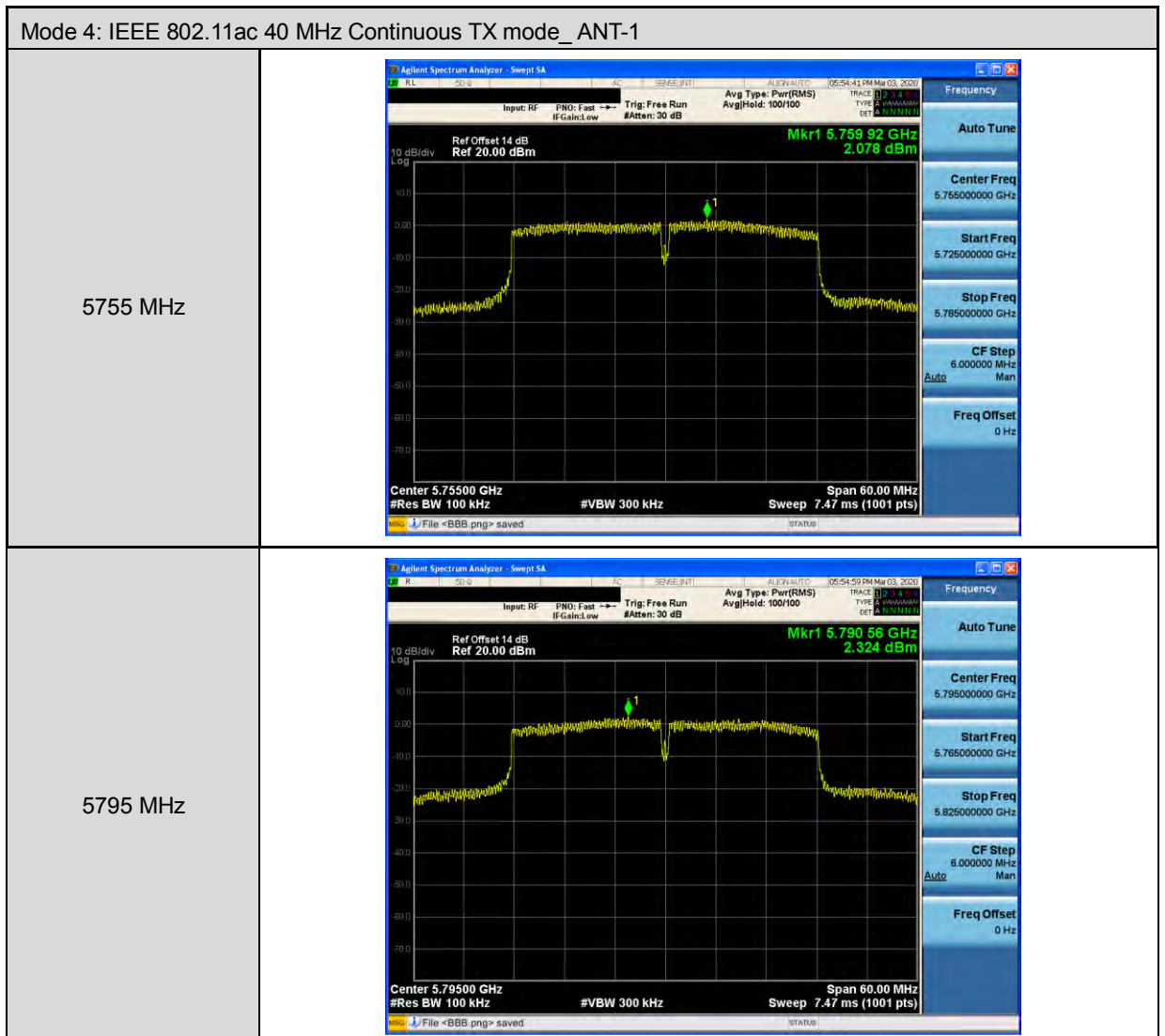
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.742 44 GHz 4.874 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.745000000 GHz Start Freq 5.725000000 GHz Stop Freq 5.765000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.778 40 GHz 4.737 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.785000000 GHz Start Freq 5.765000000 GHz Stop Freq 5.805000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.826 84 GHz 5.270 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.825000000 GHz Start Freq 5.805000000 GHz Stop Freq 5.845000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz





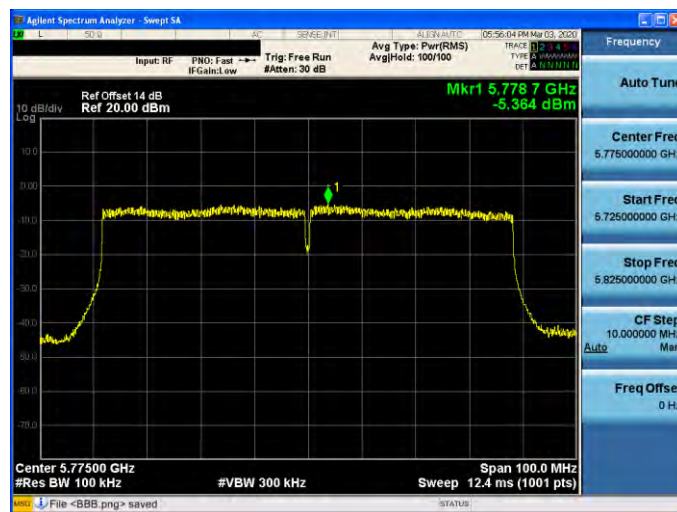
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1

5210 MHz



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1

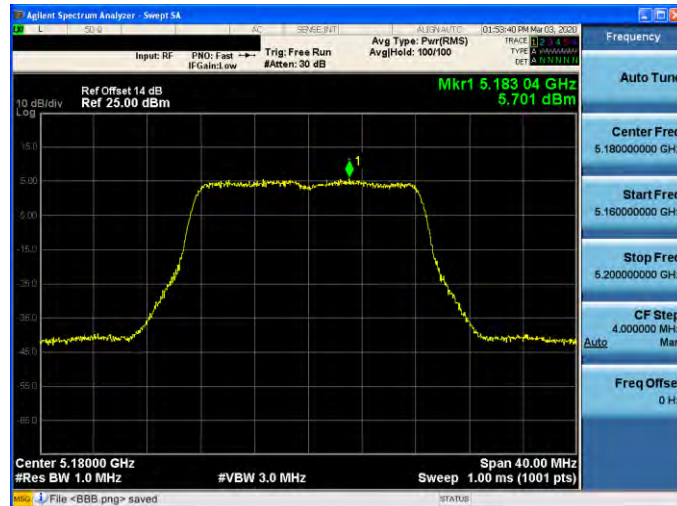
5775 MHz



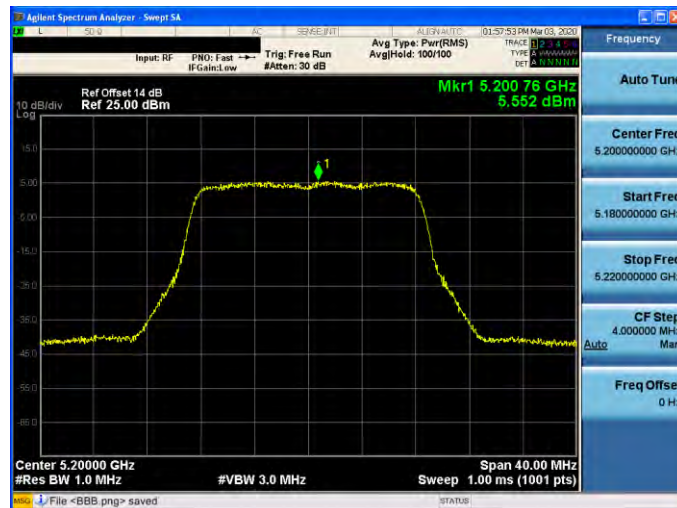
Slave

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

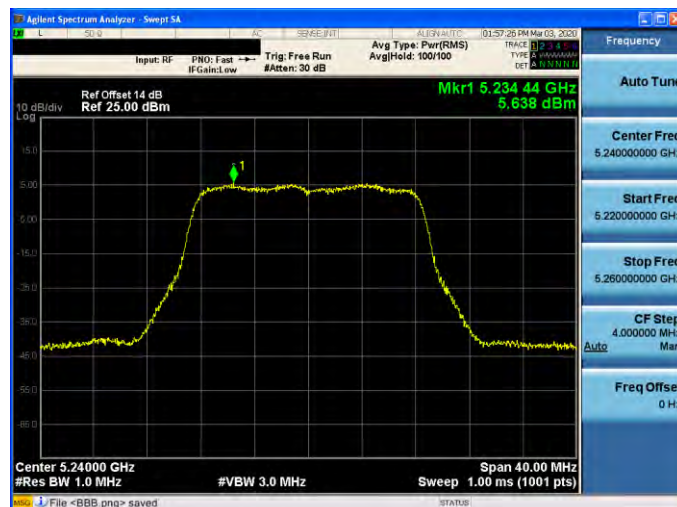
5180 MHz

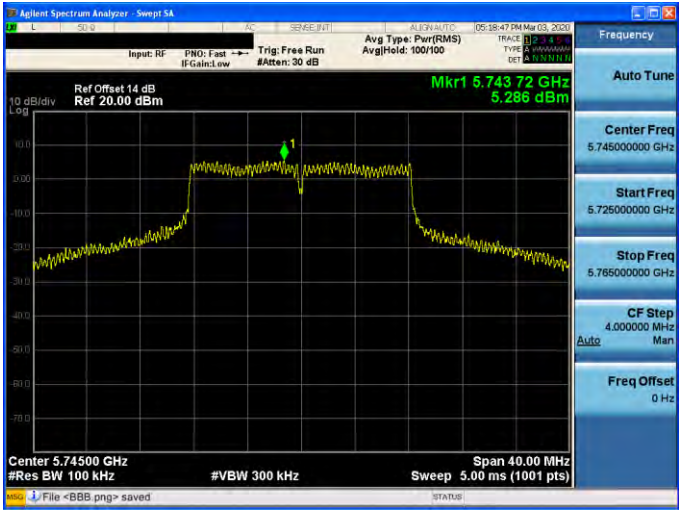


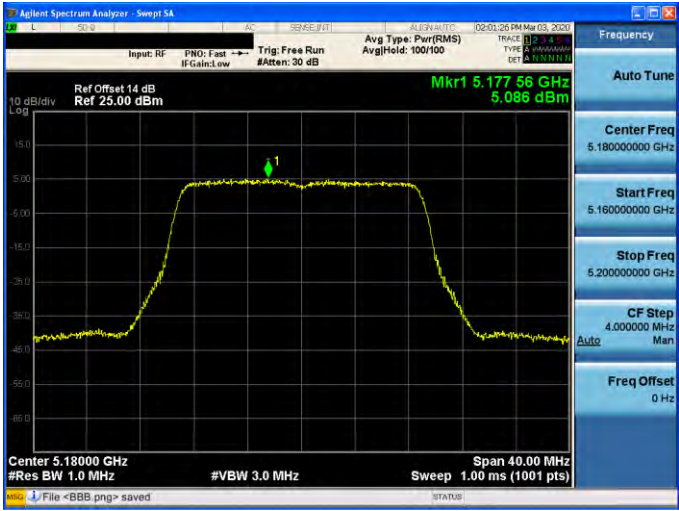
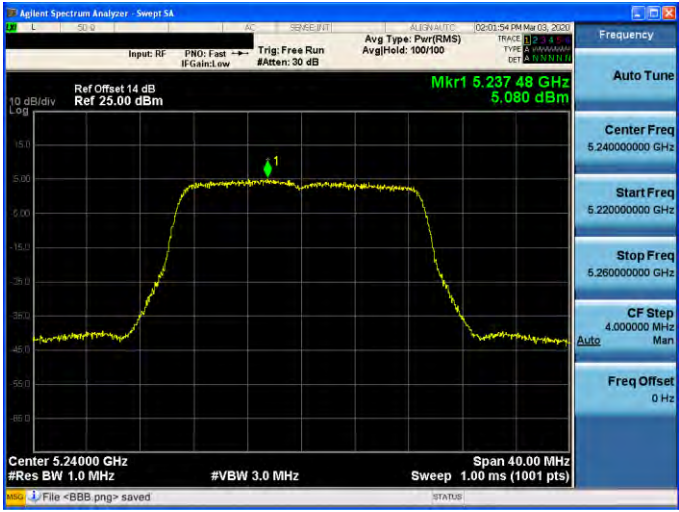
5200 MHz

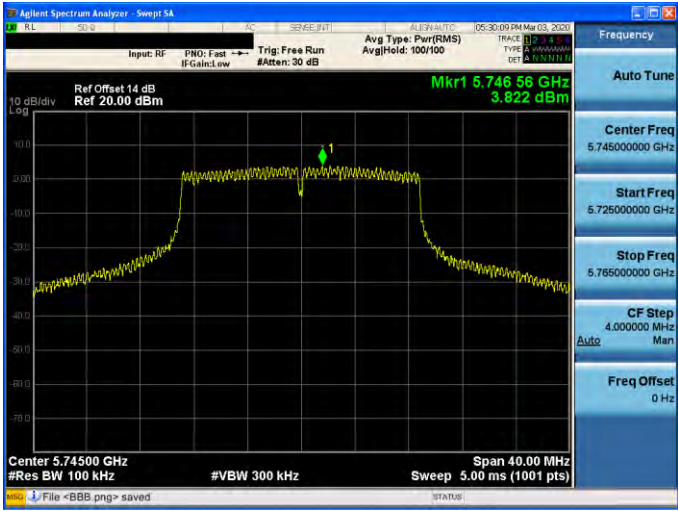
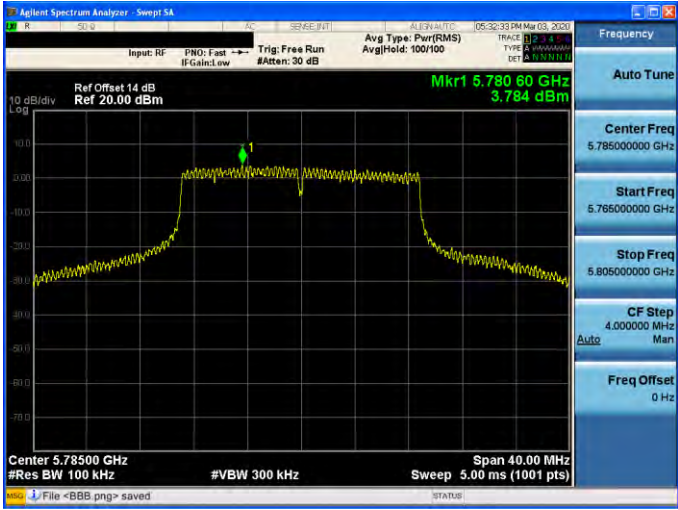
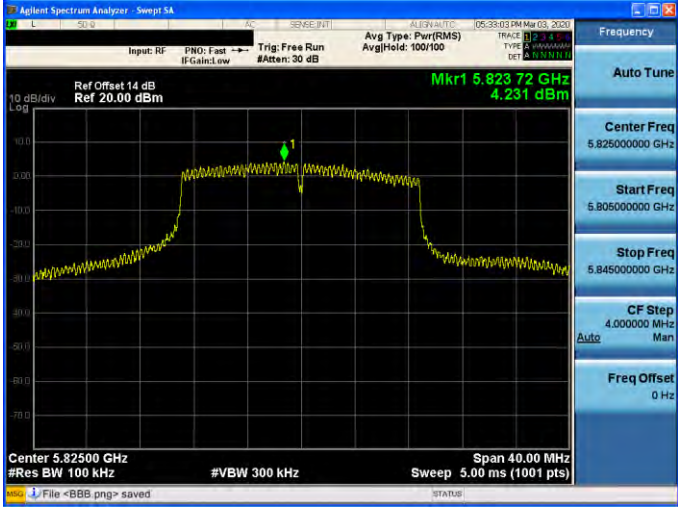


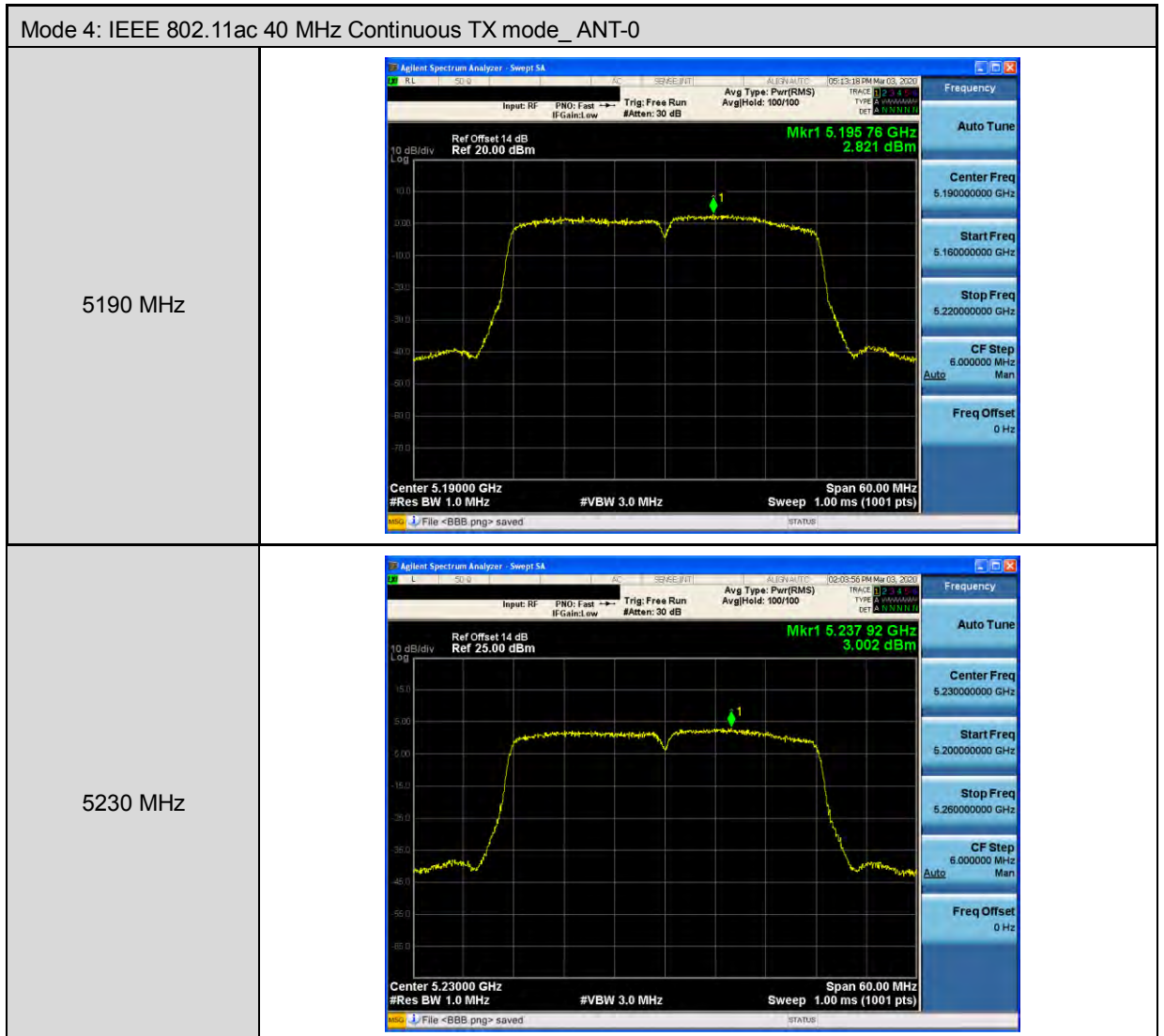
5240 MHz

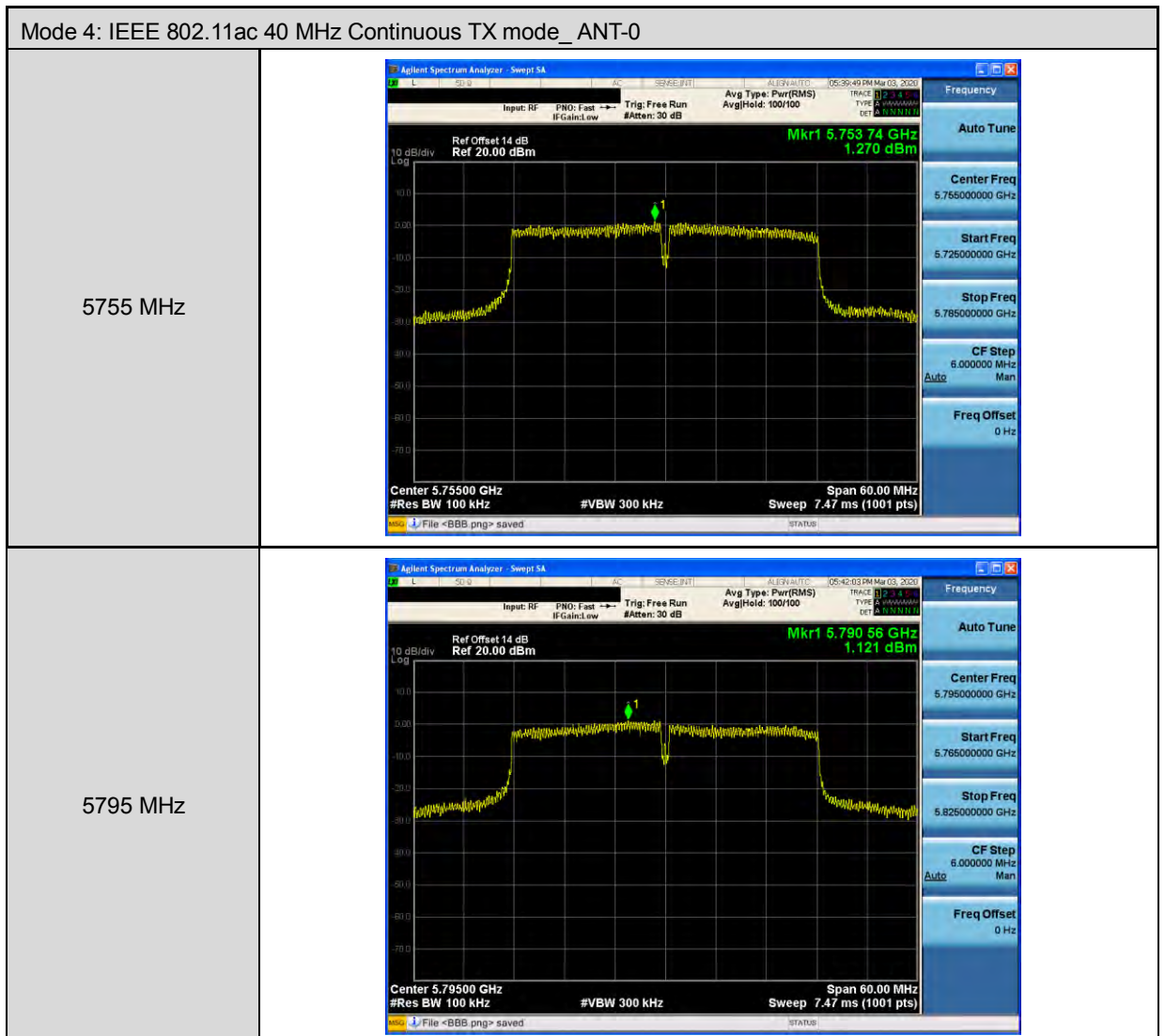


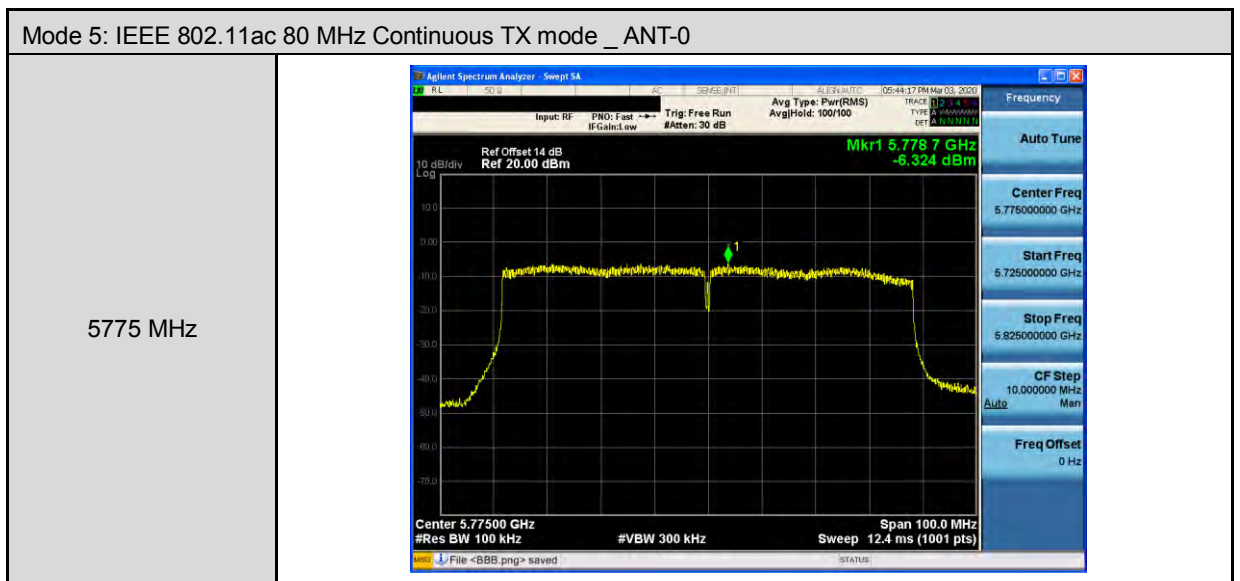
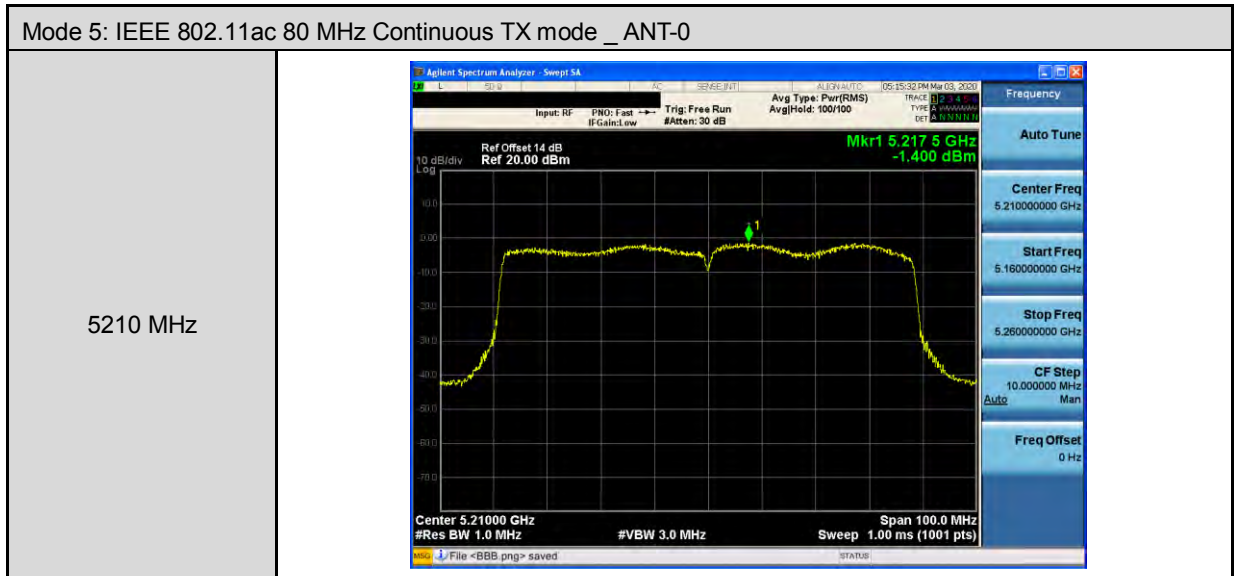
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

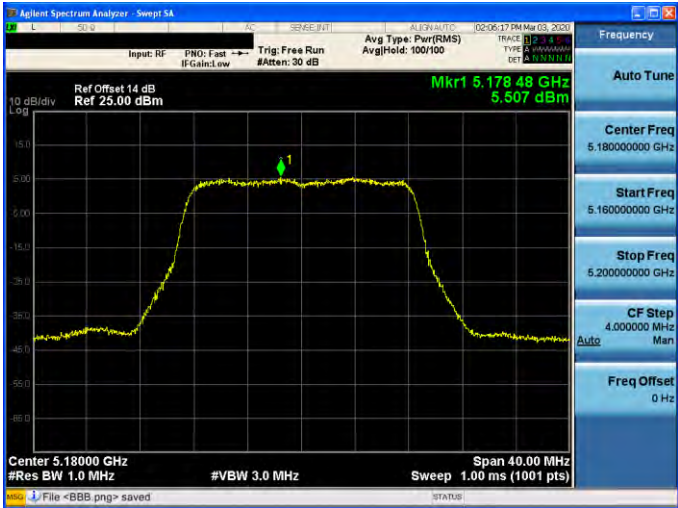
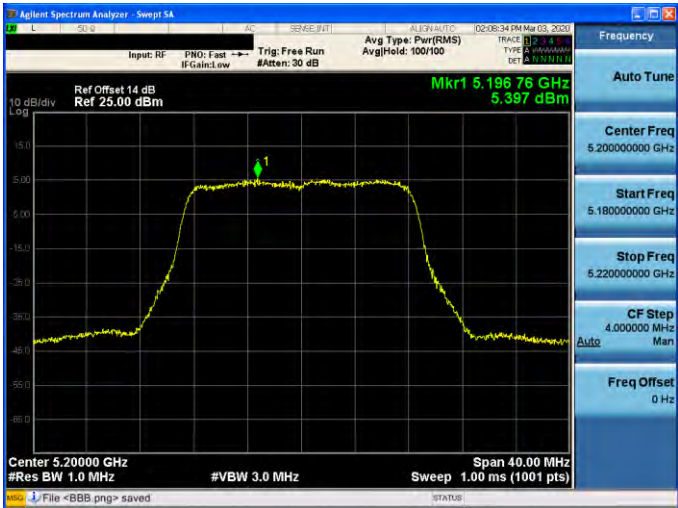
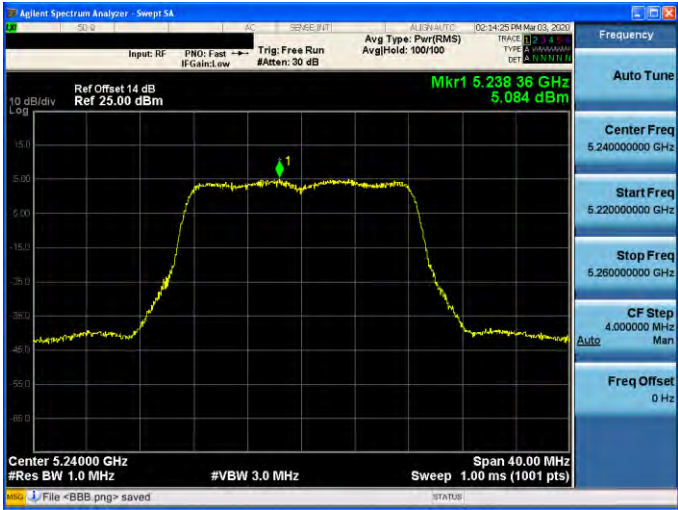
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.746 56 GHz 3.822 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.745000000 GHz Start Freq 5.725000000 GHz Stop Freq 5.765000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.780 60 GHz 3.784 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.785000000 GHz Start Freq 5.765000000 GHz Stop Freq 5.805000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 20.00 dBm Mkr1 5.823 72 GHz 4.231 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.00 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.825000000 GHz Start Freq 5.805000000 GHz Stop Freq 5.845000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

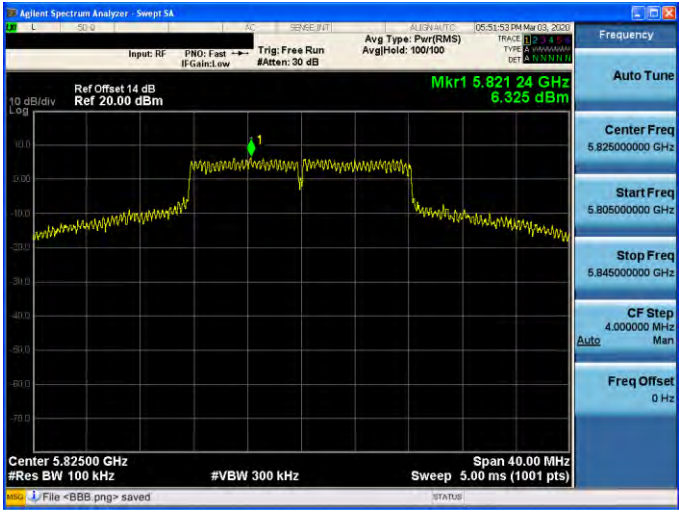


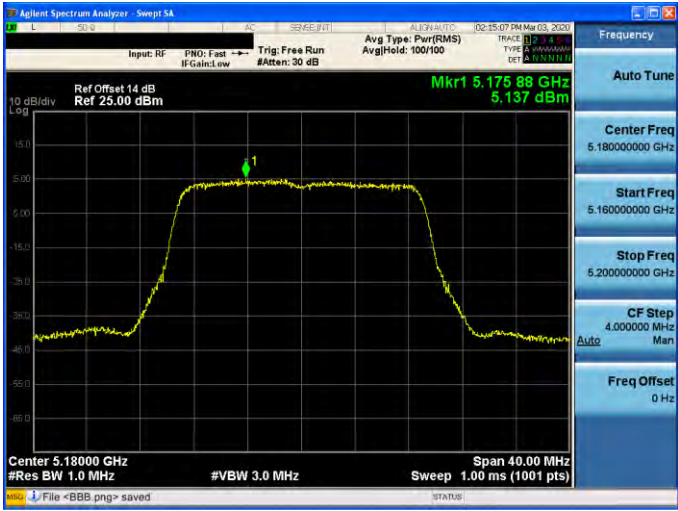
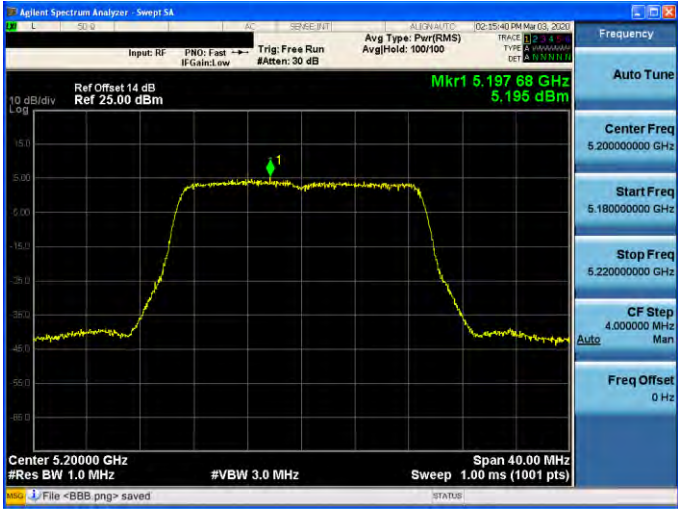
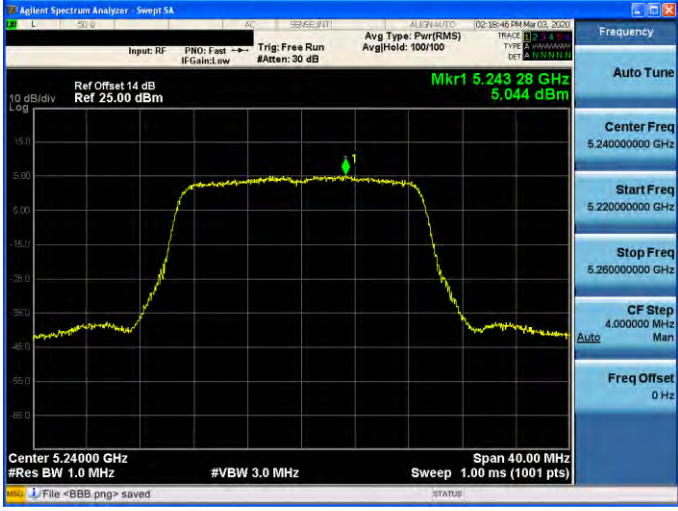




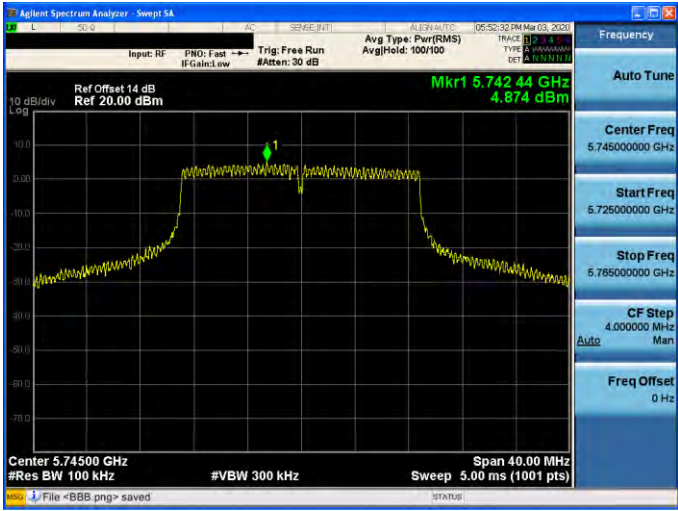
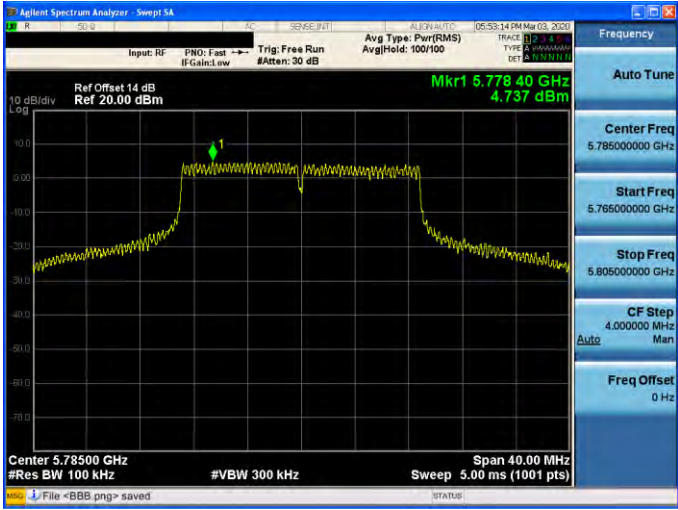
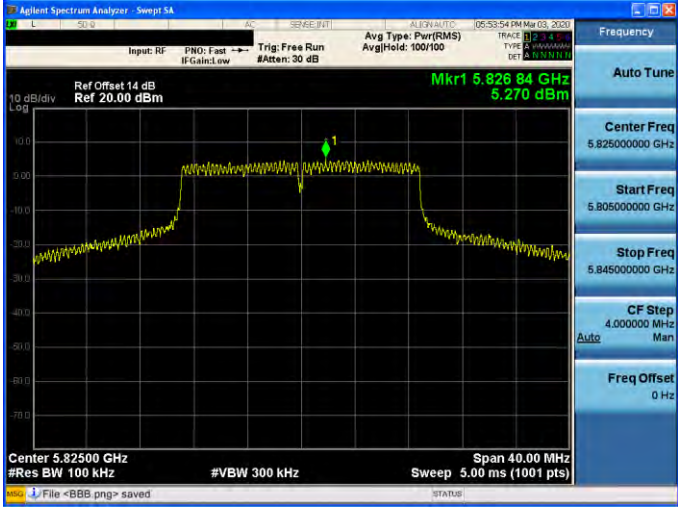


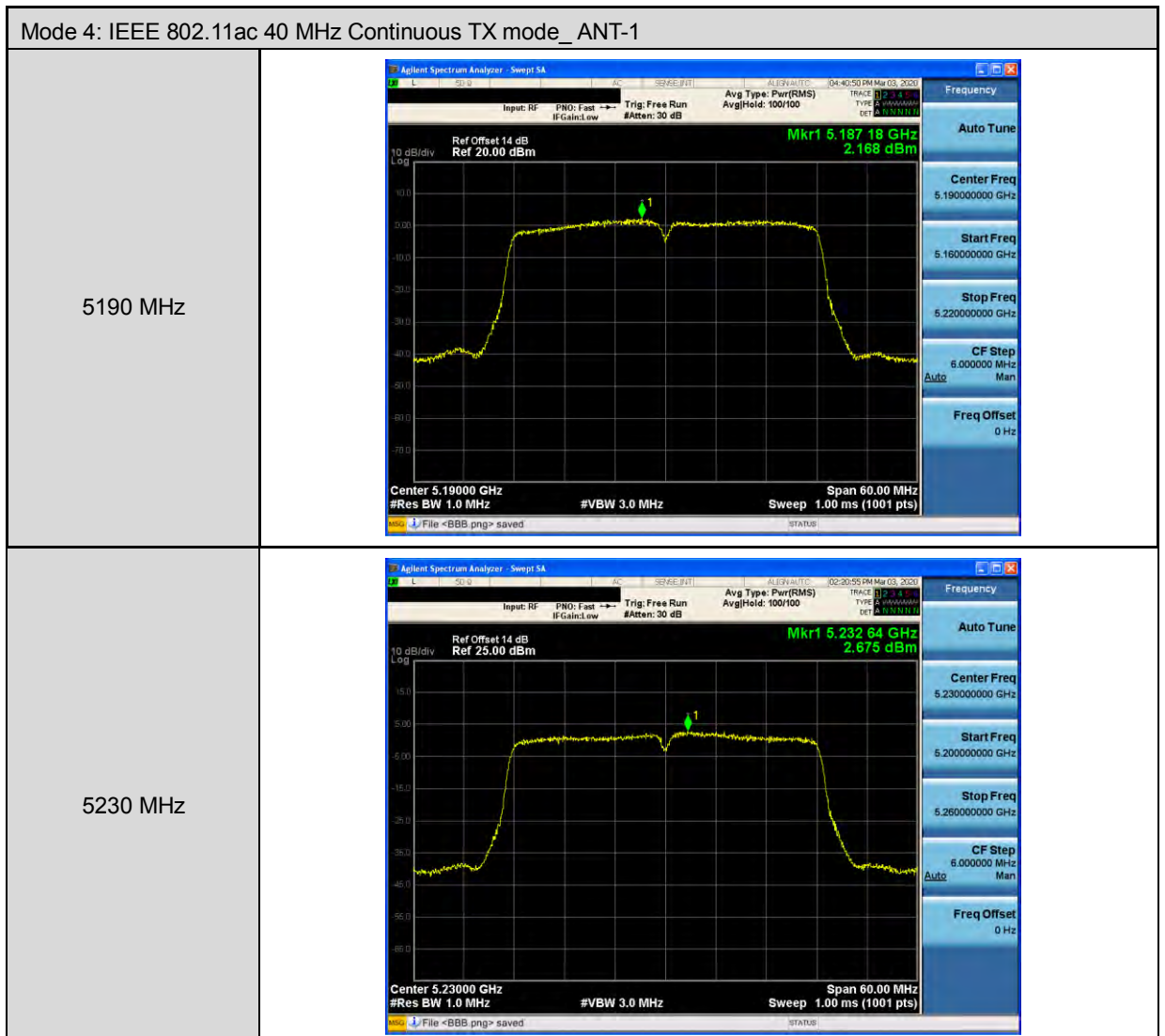
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

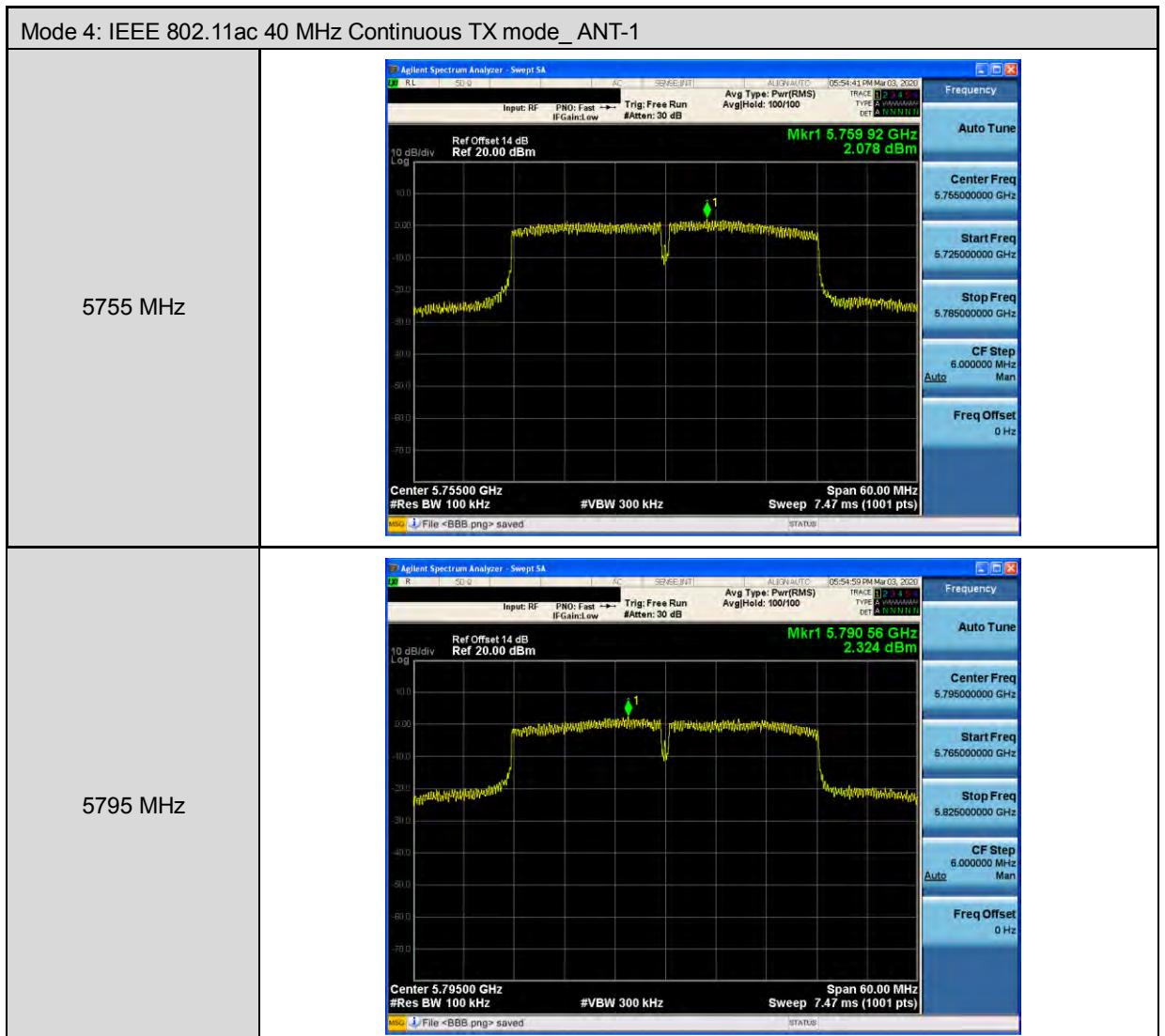
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

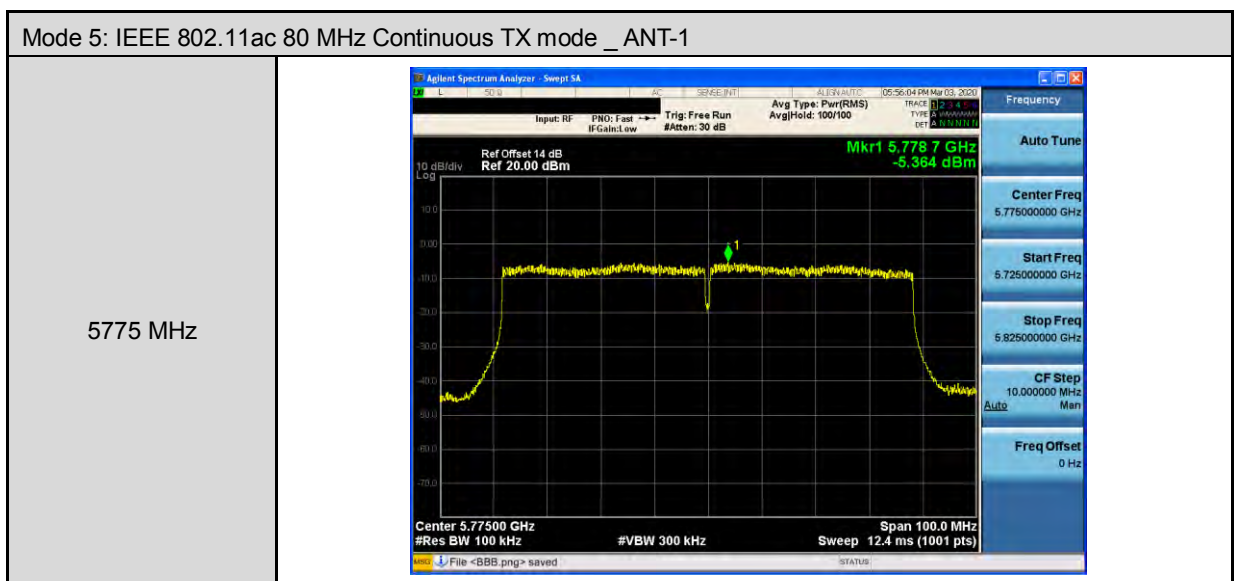
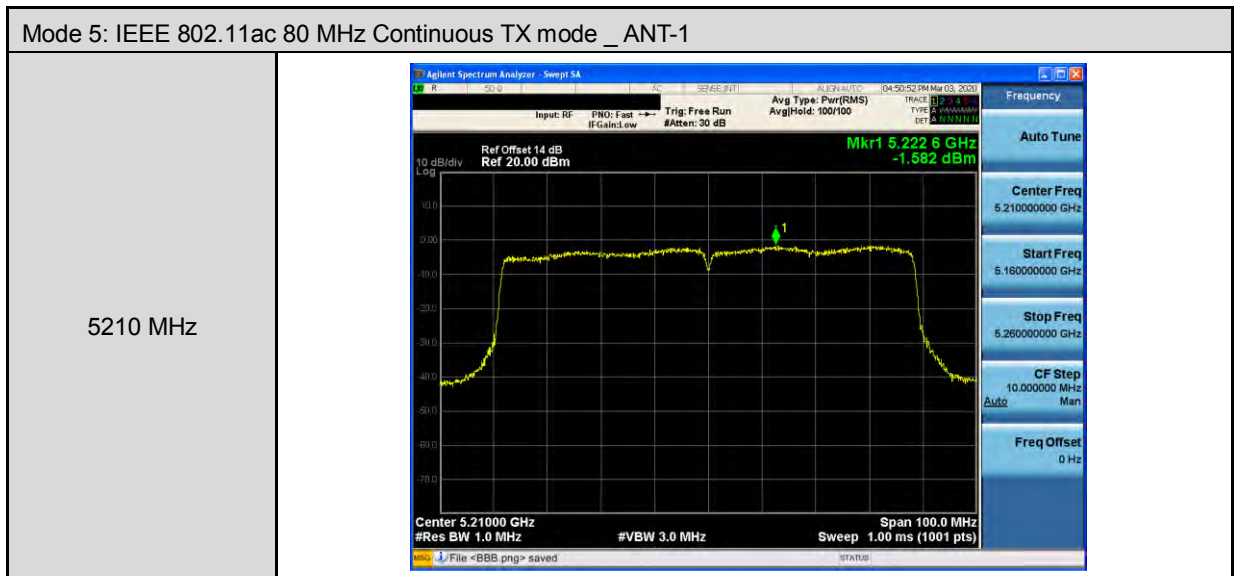
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 25.00 dBm Mkr1 5.175 88 GHz 5.137 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.00 ms (1001 pts) File <BBB.png> saved
5200 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 25.00 dBm Mkr1 5.197 68 GHz 5.196 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.00 ms (1001 pts) File <BBB.png> saved
5240 MHz	 Agilent Spectrum Analyzer - Swept SA Input: RF PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) AvgHold: 100/100 Ref Offset 14 dB Ref 25.00 dBm Mkr1 5.243 28 GHz 5.044 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.00 ms (1001 pts) File <BBB.png> saved



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	







---END---