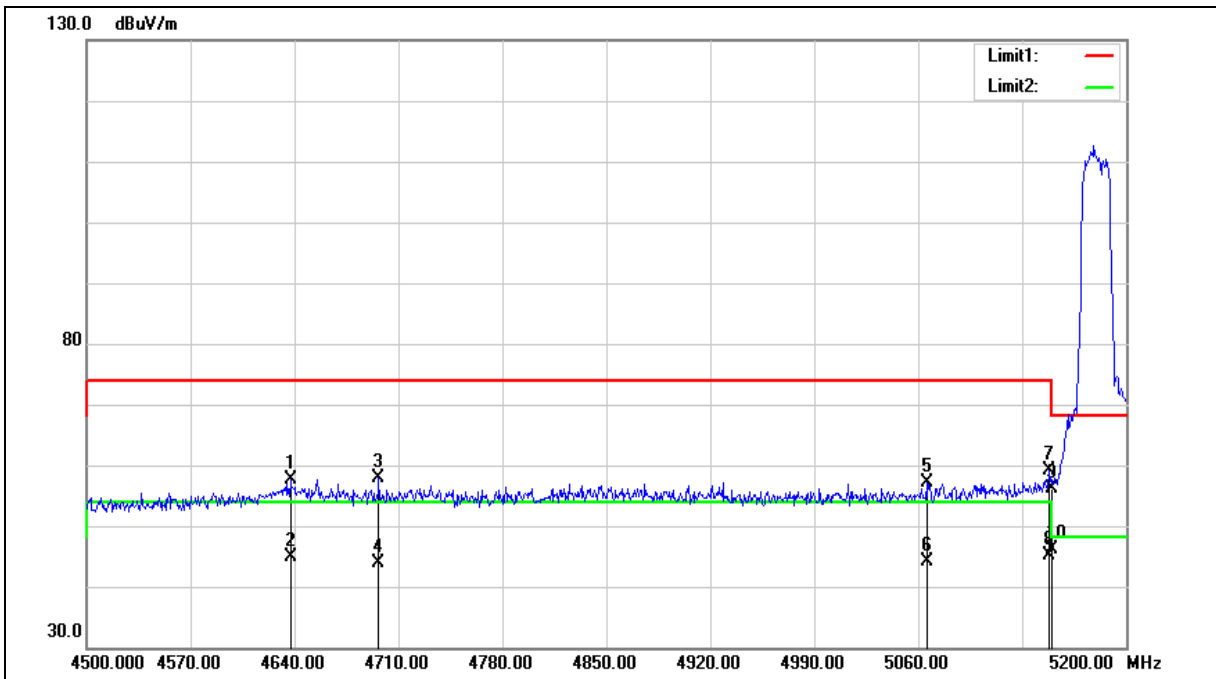




Beamforming on

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 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:	5180 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	4637.200	52.36	5.22	57.58	74.00	-16.42	peak
2	4637.200	39.60	5.22	44.82	54.00	-9.18	AVG
3	4696.700	52.58	5.32	57.90	74.00	-16.10	peak
4	4696.700	38.48	5.32	43.80	54.00	-10.20	AVG
5	5065.600	51.05	6.07	57.12	74.00	-16.88	peak
6	5065.600	37.94	6.07	44.01	54.00	-9.99	AVG
7	5148.200	52.97	6.26	59.23	74.00	-14.77	peak
8	5148.200	38.91	6.26	45.17	54.00	-8.83	AVG
9	5150.000	49.97	6.27	56.24	74.00	-17.76	peak
10	5150.000	39.92	6.27	46.19	54.00	-7.81	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).

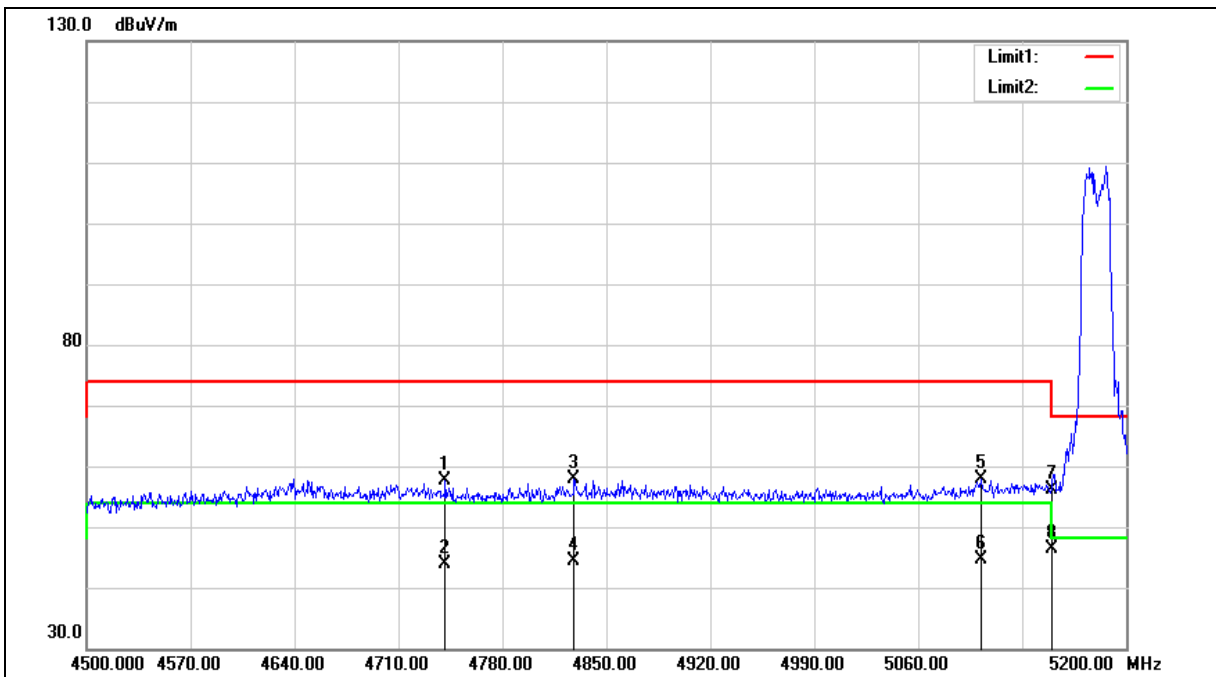
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 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:	5180 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	4741.500	52.18	5.41	57.59	74.00	-16.41	peak
2	4741.500	38.36	5.41	43.77	54.00	-10.23	AVG
3	4828.300	52.31	5.58	57.89	74.00	-16.11	peak
4	4828.300	38.70	5.58	44.28	54.00	-9.72	AVG
5	5102.700	51.62	6.16	57.78	74.00	-16.22	peak
6	5102.700	38.36	6.16	44.52	54.00	-9.48	AVG
7	5150.000	49.87	6.27	56.14	74.00	-17.86	peak
8	5150.000	40.09	6.27	46.36	54.00	-7.64	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).

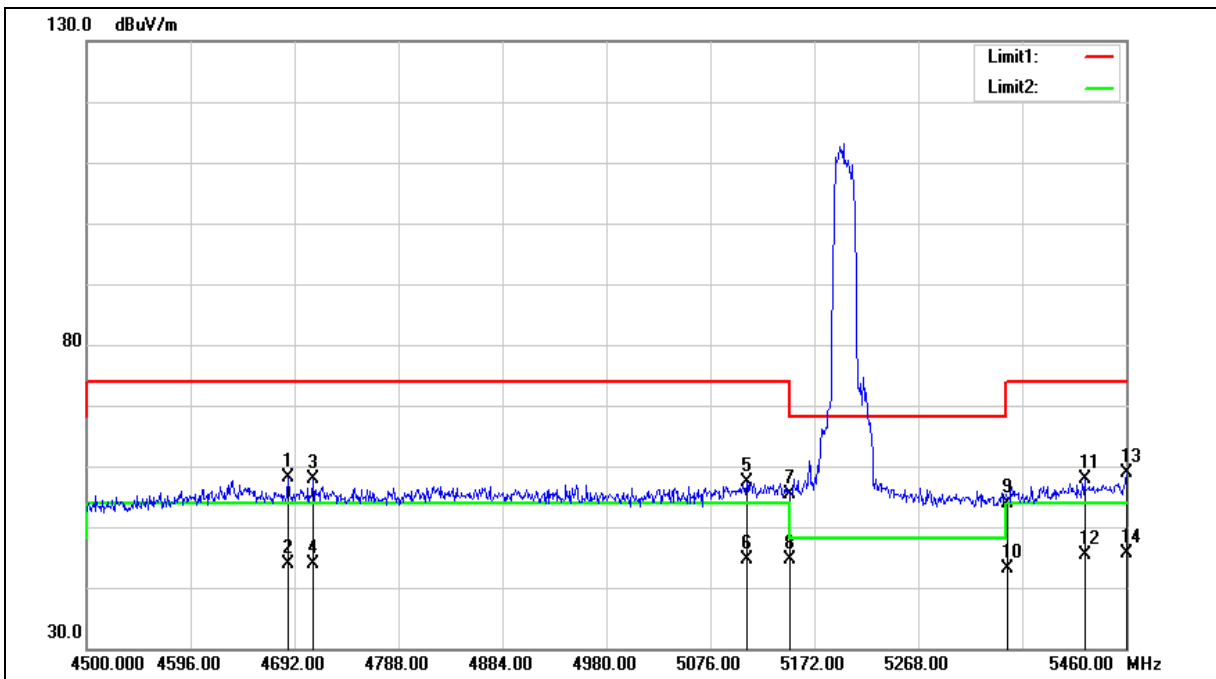
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 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:	5200 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	4686.240	52.81	5.31	58.12	74.00	-15.88	peak
2	4686.240	38.49	5.31	43.80	54.00	-10.20	AVG
3	4709.280	52.44	5.36	57.80	74.00	-16.20	peak
4	4709.280	38.53	5.36	43.89	54.00	-10.11	AVG
5	5109.600	51.16	6.17	57.33	74.00	-16.67	peak
6	5109.600	38.39	6.17	44.56	54.00	-9.44	AVG
7	5150.000	49.14	6.27	55.41	74.00	-18.59	peak
8	5150.000	38.29	6.27	44.56	54.00	-9.44	AVG
9	5350.000	47.15	6.74	53.89	74.00	-20.11	peak
10	5350.000	36.27	6.74	43.01	54.00	-10.99	AVG
11	5421.600	50.90	6.92	57.82	74.00	-16.18	peak
12	5421.600	38.58	6.92	45.50	54.00	-8.50	AVG
13	5460.000	51.80	7.00	58.80	74.00	-15.20	peak
14	5460.000	38.52	7.00	45.52	54.00	-8.48	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).

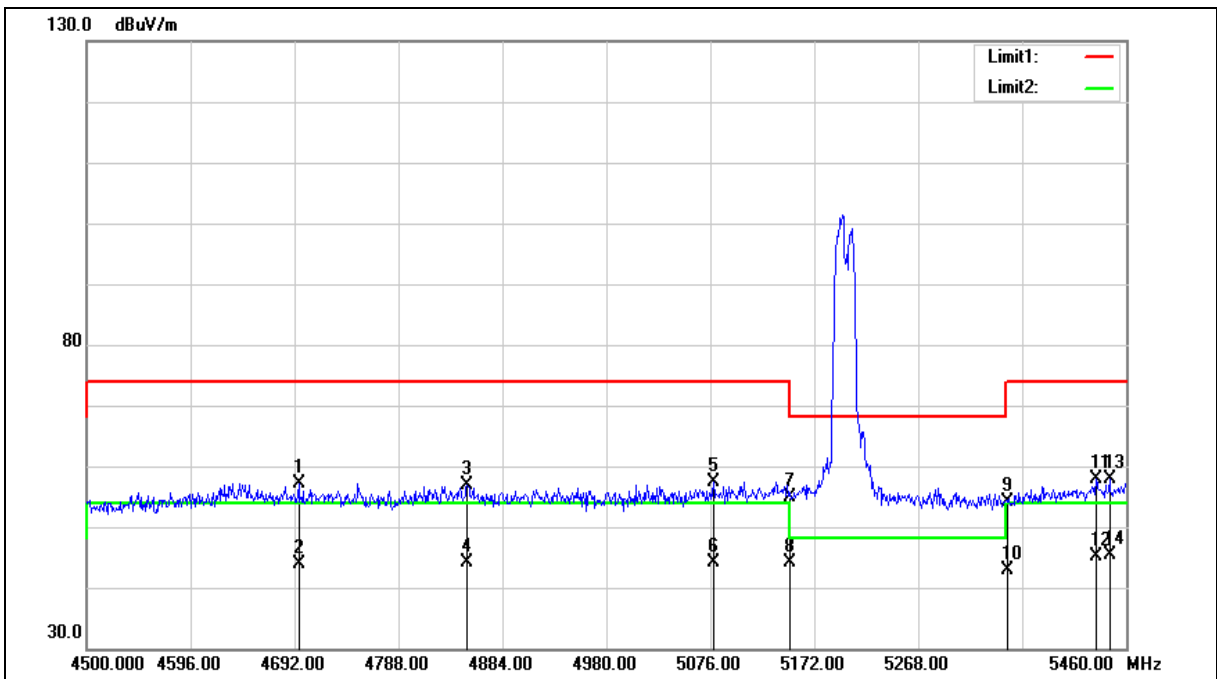
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 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:	5200 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	4695.840	51.81	5.32	57.13	74.00	-16.87	peak
2	4695.840	38.55	5.32	43.87	54.00	-10.13	AVG
3	4851.360	51.15	5.63	56.78	74.00	-17.22	peak
4	4851.360	38.52	5.63	44.15	54.00	-9.85	AVG
5	5078.880	51.36	6.09	57.45	74.00	-16.55	peak
6	5078.880	38.09	6.09	44.18	54.00	-9.82	AVG
7	5150.000	48.71	6.27	54.98	74.00	-19.02	peak
8	5150.000	37.94	6.27	44.21	54.00	-9.79	AVG
9	5350.000	47.28	6.74	54.02	74.00	-19.98	peak
10	5350.000	36.22	6.74	42.96	54.00	-11.04	AVG
11	5432.160	50.90	6.94	57.84	74.00	-16.16	peak
12	5432.160	38.30	6.94	45.24	54.00	-8.76	AVG
13	5444.640	50.96	6.97	57.93	74.00	-16.07	peak
14	5444.640	38.40	6.97	45.37	54.00	-8.63	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).

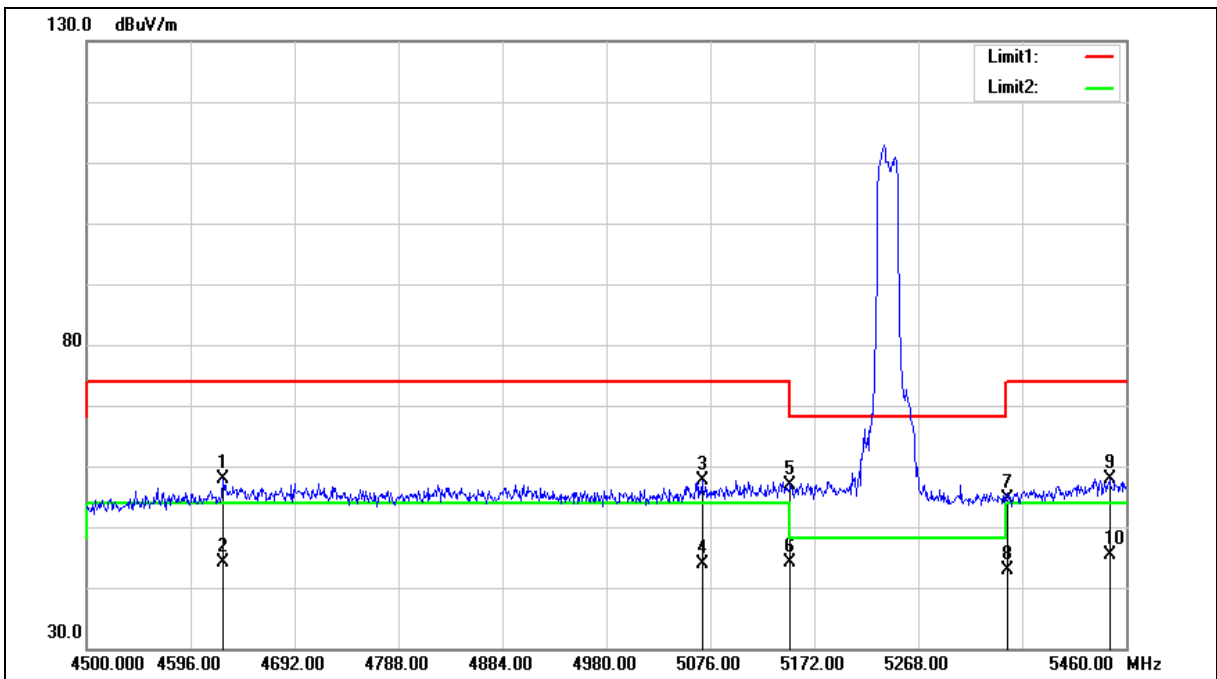
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 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:	5240 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	4625.760	52.59	5.19	57.78	74.00	-16.22	peak
2	4625.760	39.05	5.19	44.24	54.00	-9.76	AVG
3	5068.320	51.44	6.07	57.51	74.00	-16.49	peak
4	5068.320	37.91	6.07	43.98	54.00	-10.02	AVG
5	5150.000	50.66	6.27	56.93	74.00	-17.07	peak
6	5150.000	37.76	6.27	44.03	54.00	-9.97	AVG
7	5350.000	47.85	6.74	54.59	74.00	-19.41	peak
8	5350.000	36.05	6.74	42.79	54.00	-11.21	AVG
9	5444.640	51.01	6.97	57.98	74.00	-16.02	peak
10	5444.640	38.40	6.97	45.37	54.00	-8.63	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).

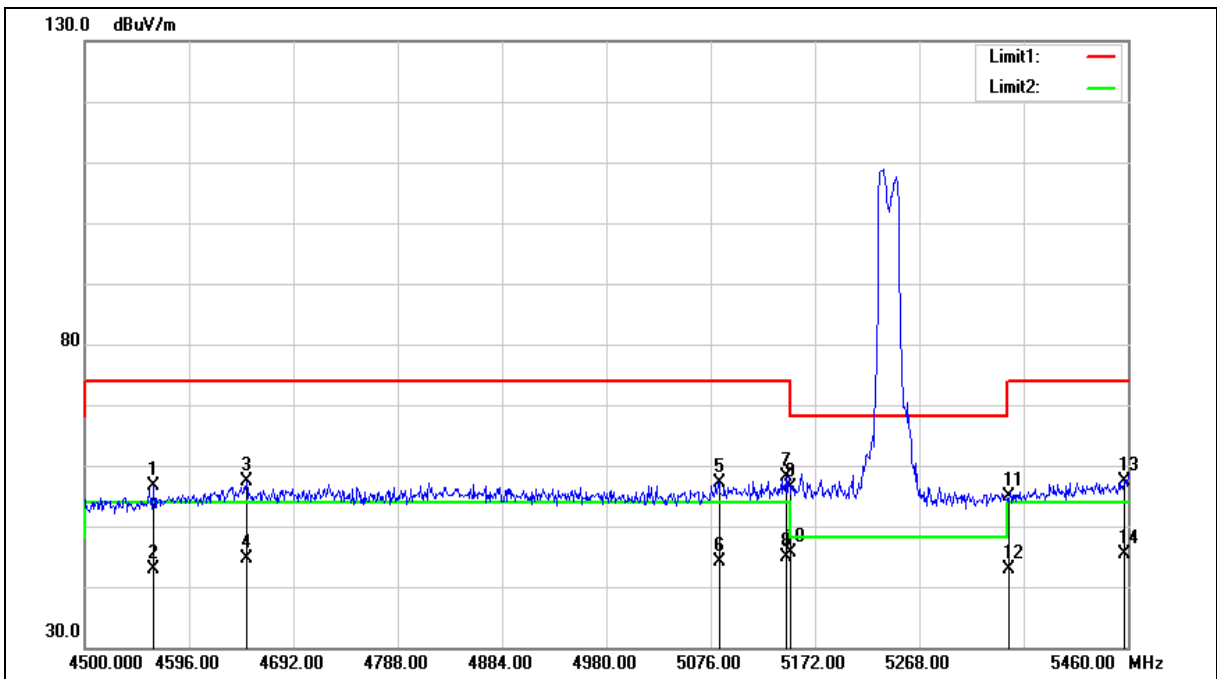
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 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:	5240 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	4563.360	51.55	5.07	56.62	74.00	-17.38	peak
2	4563.360	37.87	5.07	42.94	54.00	-11.06	AVG
3	4648.800	52.06	5.24	57.30	74.00	-16.70	peak
4	4648.800	39.35	5.24	44.59	54.00	-9.41	AVG
5	5083.680	50.91	6.11	57.02	74.00	-16.98	peak
6	5083.680	38.09	6.11	44.20	54.00	-9.80	AVG
7	5146.080	51.89	6.26	58.15	74.00	-15.85	peak
8	5146.080	38.70	6.26	44.96	54.00	-9.04	AVG
9	5150.000	50.11	6.27	56.38	74.00	-17.62	peak
10	5150.000	39.31	6.27	45.58	54.00	-8.42	AVG
11	5350.000	48.20	6.74	54.94	74.00	-19.06	peak
12	5350.000	36.13	6.74	42.87	54.00	-11.13	AVG
13	5456.160	50.37	7.00	57.37	74.00	-16.63	peak
14	5456.160	38.48	7.00	45.48	54.00	-8.52	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).

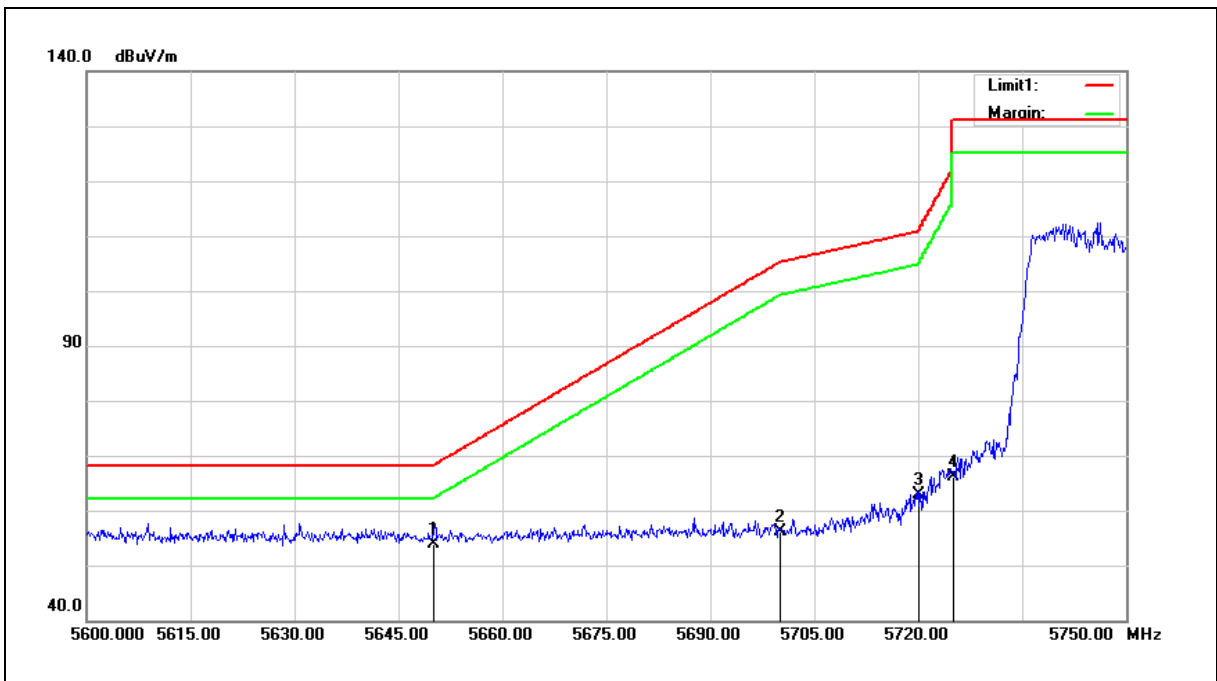
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 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	5650.000	46.55	7.42	53.97	68.20	-14.23	peak
2	5700.000	48.56	7.52	56.08	105.20	-49.12	peak
3	5720.000	55.29	7.56	62.85	110.80	-47.95	peak
4	5725.000	58.46	7.57	66.03	122.20	-56.17	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).

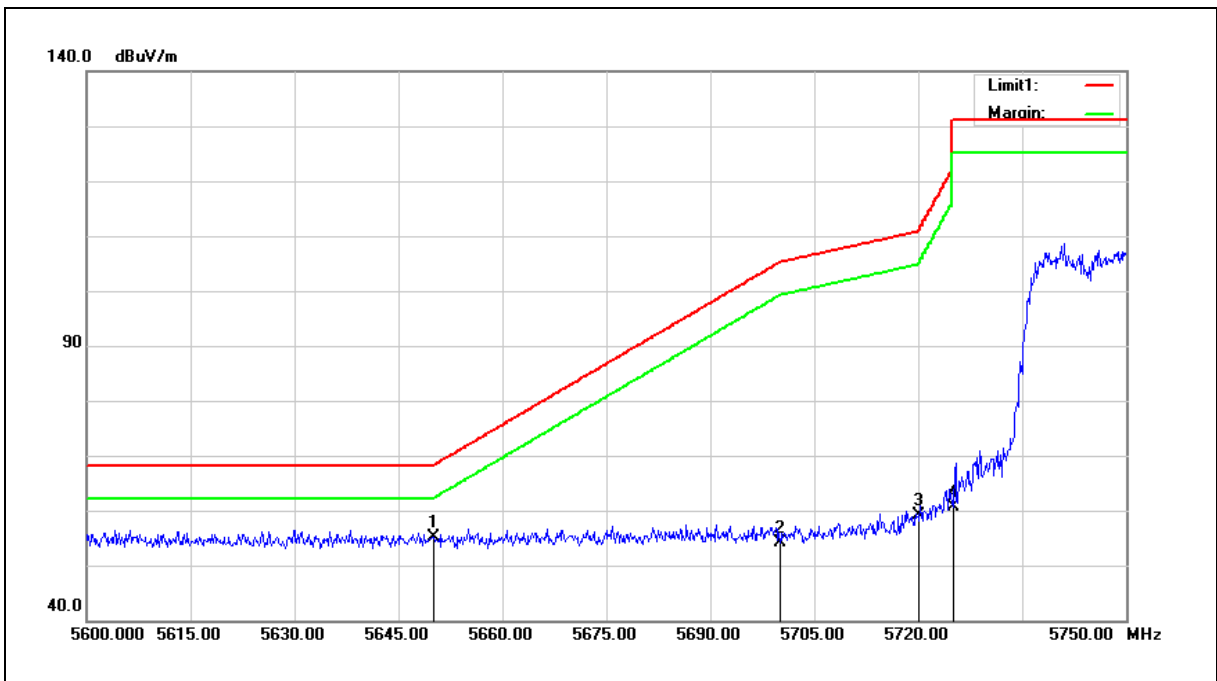
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 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	5650.000	47.67	7.42	55.09	68.20	-13.11	peak
2	5700.000	46.64	7.52	54.16	105.20	-51.04	peak
3	5720.000	51.59	7.56	59.15	110.80	-51.65	peak
4	5725.000	52.96	7.57	60.53	122.20	-61.67	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).

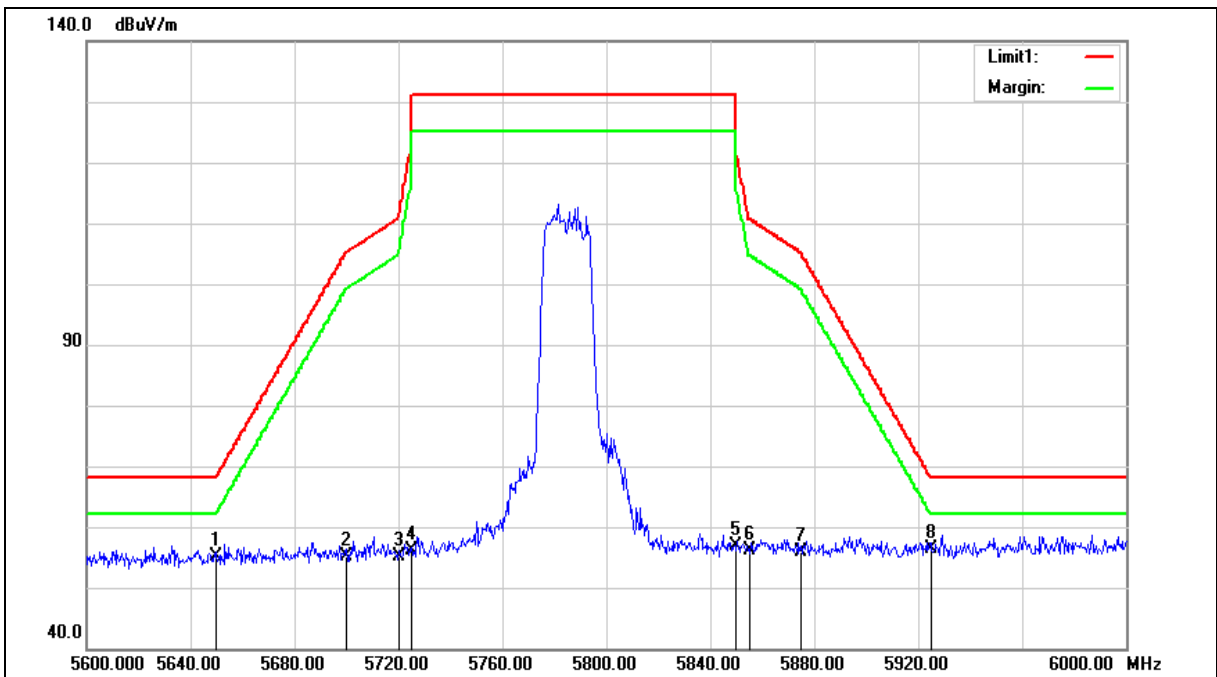
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 5		
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 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.74	7.42	55.16	68.20	-13.04	peak
2	5700.000	47.54	7.52	55.06	105.20	-50.14	peak
3	5720.000	47.45	7.56	55.01	110.80	-55.79	peak
4	5725.000	48.66	7.57	56.23	122.20	-65.97	peak
5	5850.000	49.00	7.83	56.83	122.20	-65.37	peak
6	5855.000	48.37	7.85	56.22	110.80	-54.58	peak
7	5875.000	48.08	7.88	55.96	105.20	-49.24	peak
8	5925.000	48.49	8.00	56.49	68.20	-11.71	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).

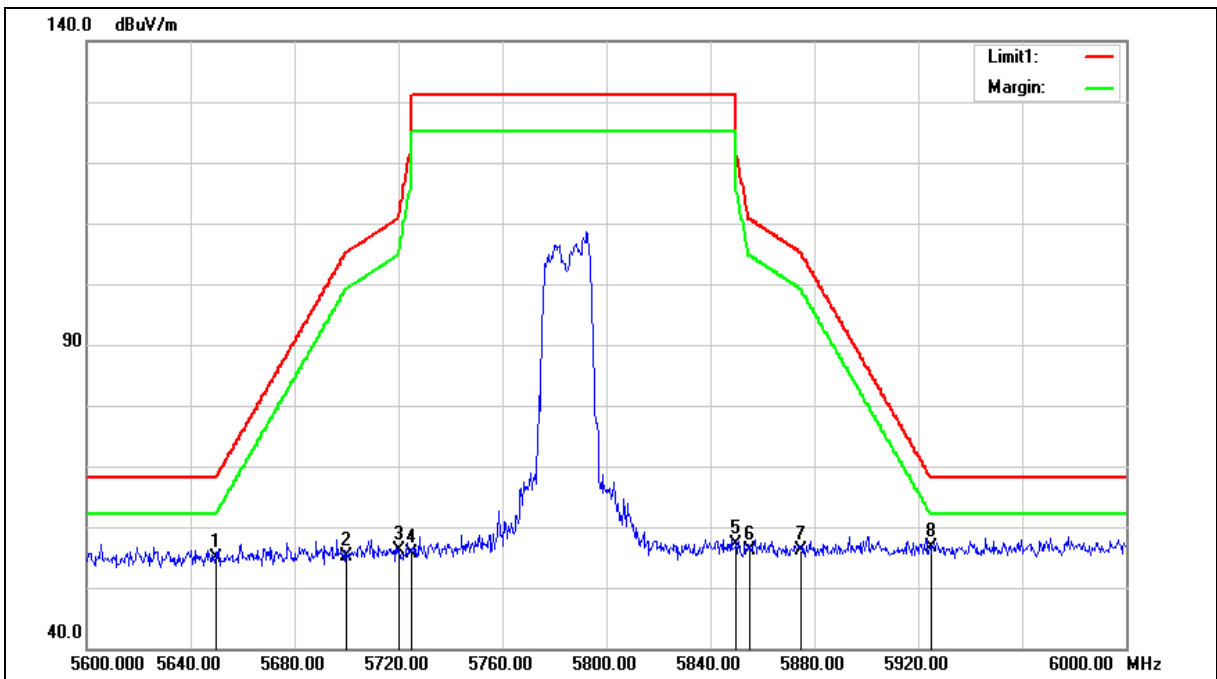
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 5		
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 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.49	7.42	54.91	68.20	-13.29	peak
2	5700.000	47.55	7.52	55.07	105.20	-50.13	peak
3	5720.000	48.69	7.56	56.25	110.80	-54.55	peak
4	5725.000	48.15	7.57	55.72	122.20	-66.48	peak
5	5850.000	49.34	7.83	57.17	122.20	-65.03	peak
6	5855.000	48.28	7.85	56.13	110.80	-54.67	peak
7	5875.000	48.17	7.88	56.05	105.20	-49.15	peak
8	5925.000	48.54	8.00	56.54	68.20	-11.66	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).

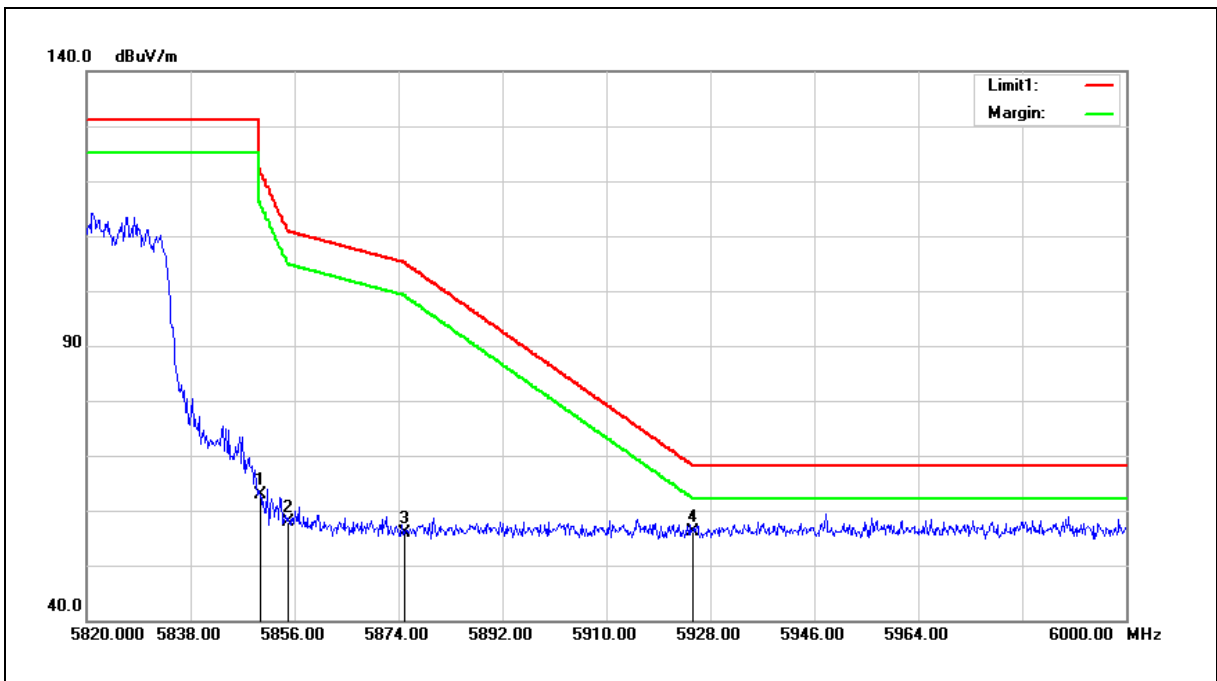
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	55.14	7.83	62.97	122.20	-59.23	peak
2	5855.000	49.97	7.85	57.82	110.80	-52.98	peak
3	5875.000	48.11	7.88	55.99	105.20	-49.21	peak
4	5925.000	48.14	8.00	56.14	68.20	-12.06	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).

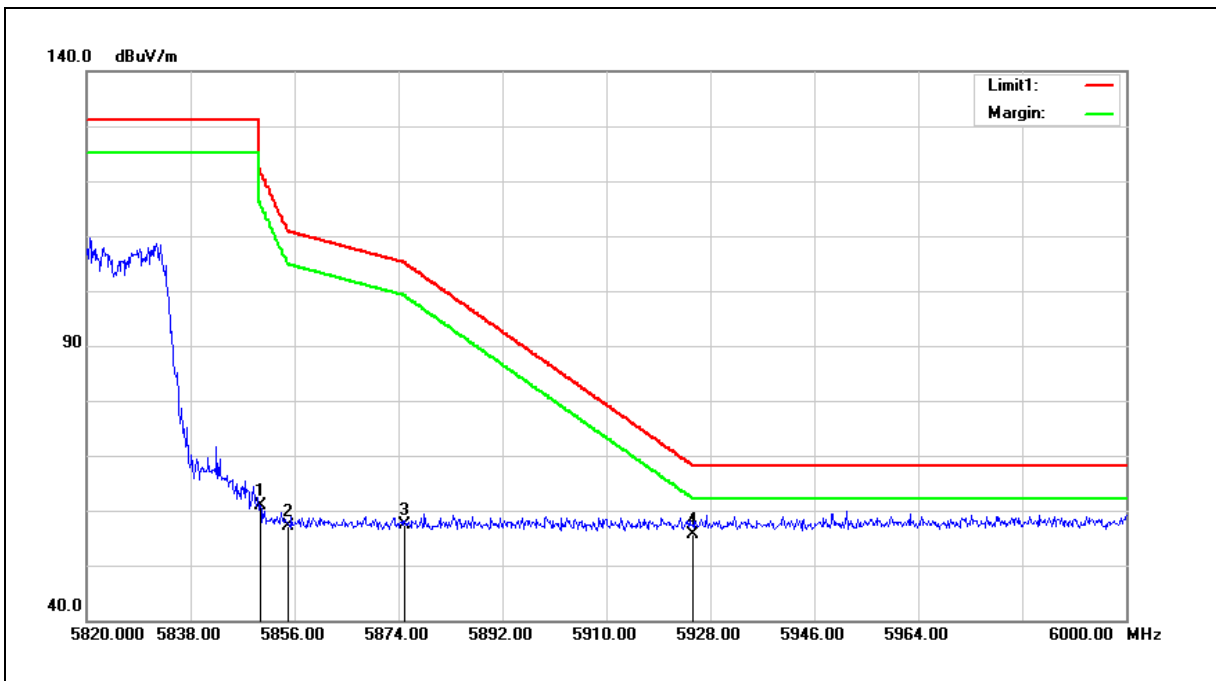
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 5		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	52.95	7.83	60.78	122.20	-61.42	peak
2	5855.000	49.28	7.85	57.13	110.80	-53.67	peak
3	5875.000	49.38	7.88	57.26	105.20	-47.94	peak
4	5925.000	47.72	8.00	55.72	68.20	-12.48	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).

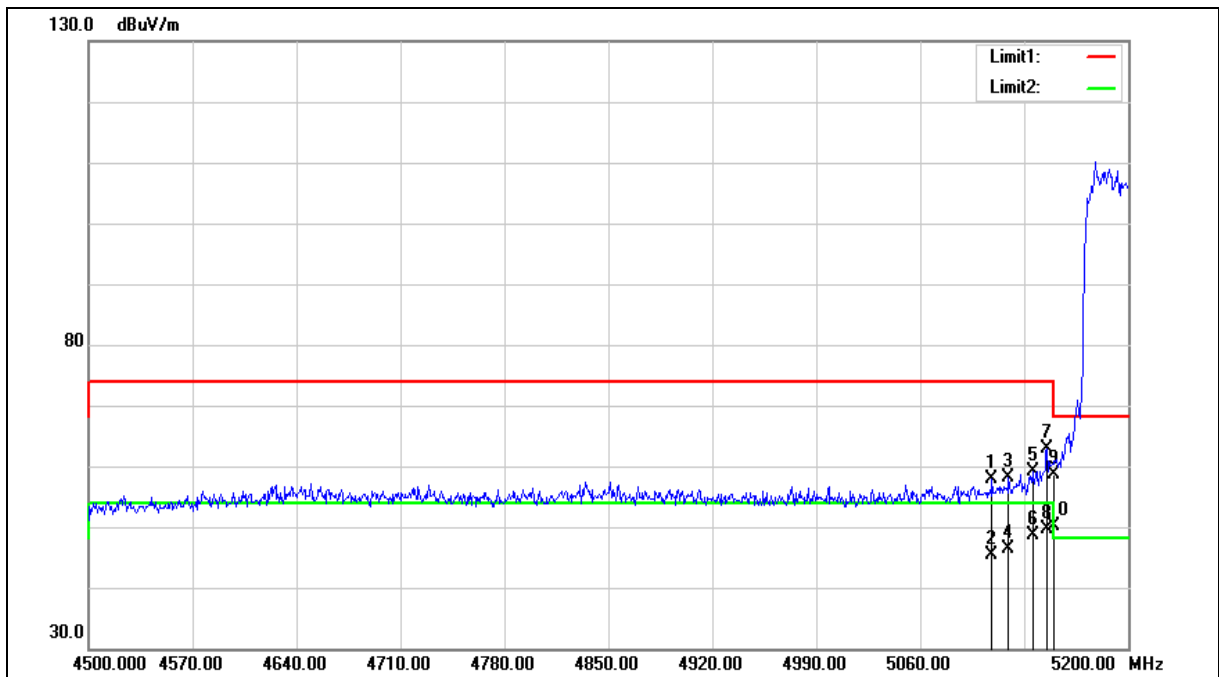
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
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 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5108.300	51.76	6.17	57.93	74.00	-16.07	peak
2	5108.300	39.21	6.17	45.38	54.00	-8.62	AVG
3	5119.500	51.89	6.20	58.09	74.00	-15.91	peak
4	5119.500	40.10	6.20	46.30	54.00	-7.70	AVG
5	5135.600	52.98	6.23	59.21	74.00	-14.79	peak
6	5135.600	42.47	6.23	48.70	54.00	-5.30	AVG
7	5145.400	56.70	6.26	62.96	74.00	-11.04	peak
8	5145.400	43.33	6.26	49.59	54.00	-4.41	AVG
9	5150.000	52.47	6.27	58.74	74.00	-15.26	peak
10	5150.000	43.85	6.27	50.12	54.00	-3.88	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).

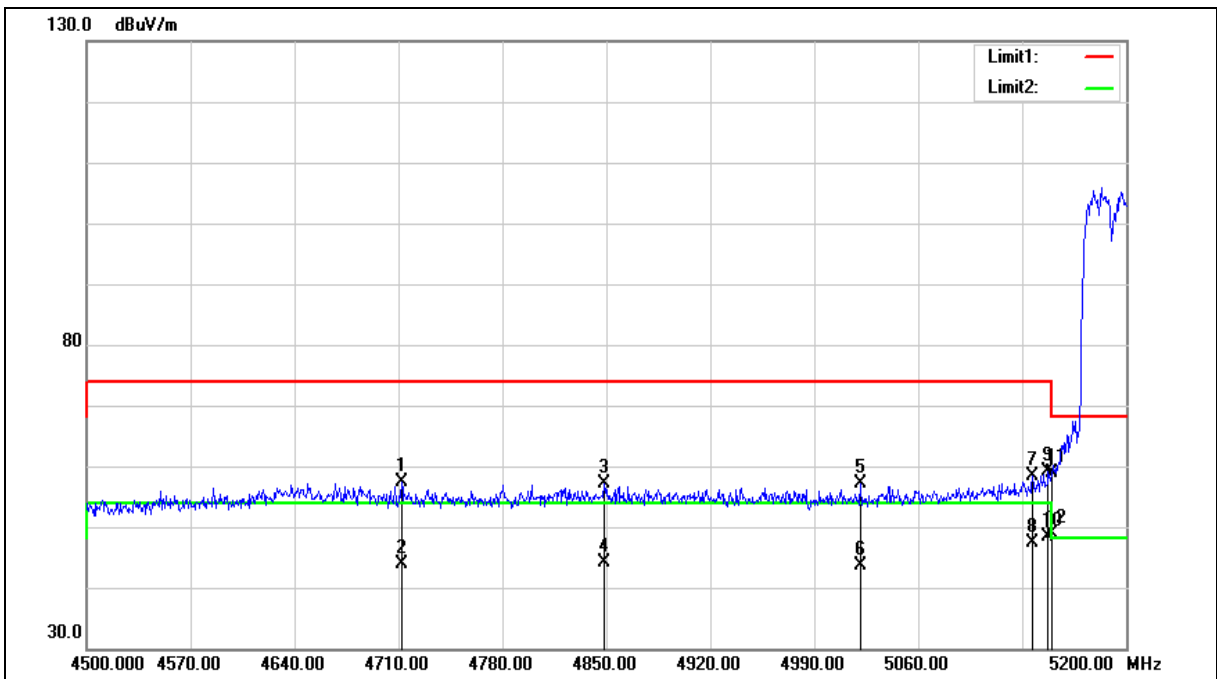
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
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 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4712.100	52.09	5.36	57.45	74.00	-16.55	peak
2	4712.100	38.60	5.36	43.96	54.00	-10.04	AVG
3	4848.600	51.53	5.63	57.16	74.00	-16.84	peak
4	4848.600	38.47	5.63	44.10	54.00	-9.90	AVG
5	5020.800	51.07	5.96	57.03	74.00	-16.97	peak
6	5020.800	37.77	5.96	43.73	54.00	-10.27	AVG
7	5137.000	52.15	6.23	58.38	74.00	-15.62	peak
8	5137.000	41.08	6.23	47.31	54.00	-6.69	AVG
9	5147.500	52.82	6.26	59.08	74.00	-14.92	peak
10	5147.500	42.15	6.26	48.41	54.00	-5.59	AVG
11	5150.000	52.70	6.27	58.97	74.00	-15.03	peak
12	5150.000	42.65	6.27	48.92	54.00	-5.08	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).

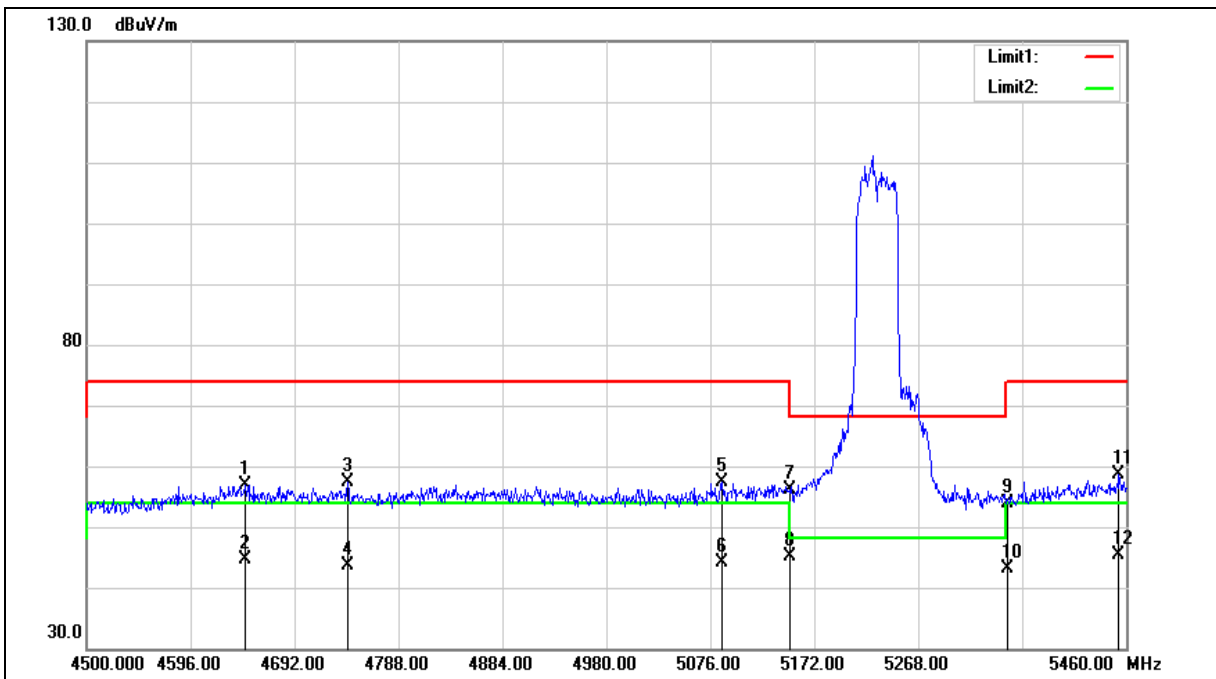
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
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 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4646.880	51.58	5.23	56.81	74.00	-17.19	peak
2	4646.880	39.41	5.23	44.64	54.00	-9.36	AVG
3	4740.960	51.94	5.41	57.35	74.00	-16.65	peak
4	4740.960	38.28	5.41	43.69	54.00	-10.31	AVG
5	5086.560	51.15	6.12	57.27	74.00	-16.73	peak
6	5086.560	38.13	6.12	44.25	54.00	-9.75	AVG
7	5150.000	49.84	6.27	56.11	74.00	-17.89	peak
8	5150.000	38.79	6.27	45.06	54.00	-8.94	AVG
9	5350.000	47.17	6.74	53.91	74.00	-20.09	peak
10	5350.000	36.48	6.74	43.22	54.00	-10.78	AVG
11	5453.280	51.56	6.99	58.55	74.00	-15.45	peak
12	5453.280	38.45	6.99	45.44	54.00	-8.56	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).

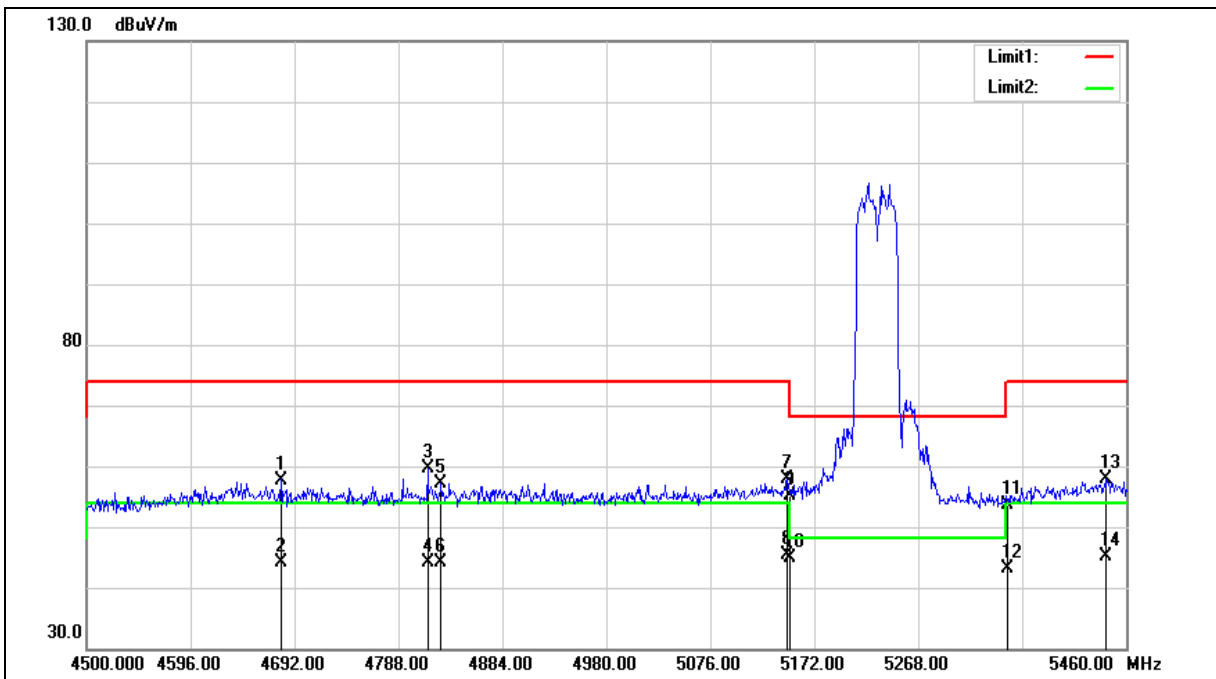
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
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 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	4679.520	52.45	5.30	57.75	74.00	-16.25	peak
2	4679.520	38.71	5.30	44.01	54.00	-9.99	AVG
3	4814.880	54.02	5.55	59.57	74.00	-14.43	peak
4	4814.880	38.64	5.55	44.19	54.00	-9.81	AVG
5	4827.360	51.64	5.57	57.21	74.00	-16.79	peak
6	4827.360	38.66	5.57	44.23	54.00	-9.77	AVG
7	5147.040	51.69	6.26	57.95	74.00	-16.05	peak
8	5147.040	39.01	6.26	45.27	54.00	-8.73	AVG
9	5150.000	48.76	6.27	55.03	74.00	-18.97	peak
10	5150.000	38.52	6.27	44.79	54.00	-9.21	AVG
11	5350.000	46.97	6.74	53.71	74.00	-20.29	peak
12	5350.000	36.36	6.74	43.10	54.00	-10.90	AVG
13	5441.760	50.98	6.97	57.95	74.00	-16.05	peak
14	5441.760	38.05	6.97	45.02	54.00	-8.98	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).

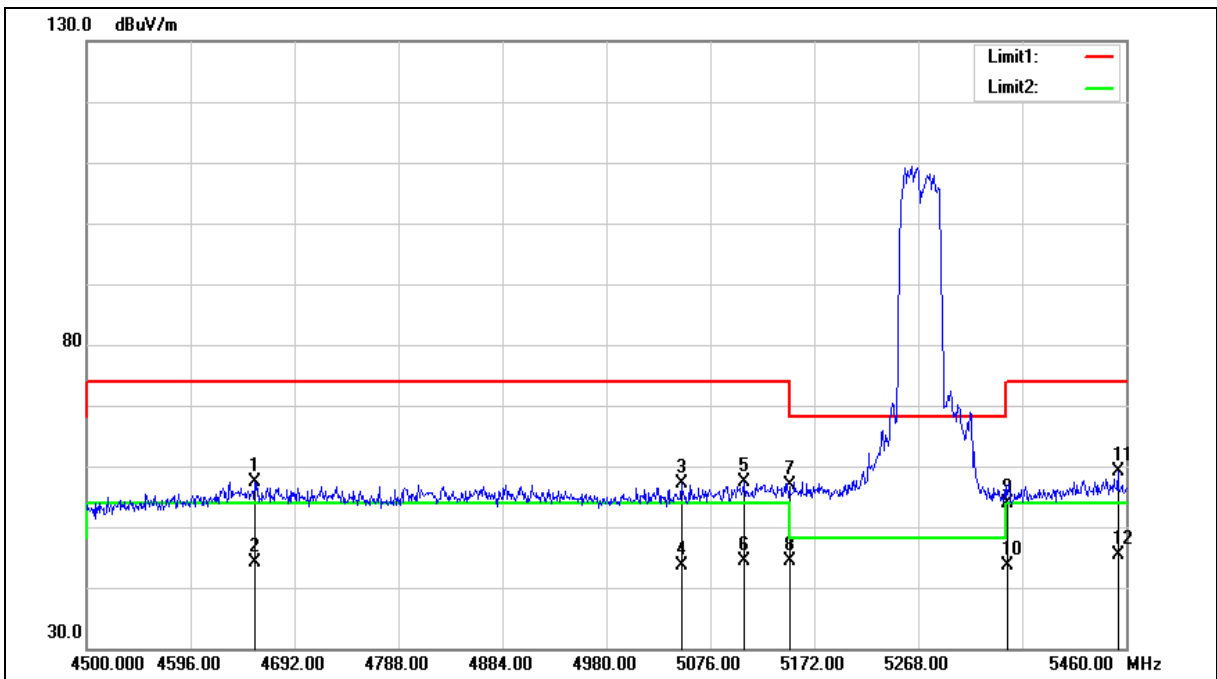
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4655.520	52.08	5.25	57.33	74.00	-16.67	peak
2	4655.520	38.95	5.25	44.20	54.00	-9.80	AVG
3	5049.120	51.21	6.02	57.23	74.00	-16.77	peak
4	5049.120	37.68	6.02	43.70	54.00	-10.30	AVG
5	5106.720	51.23	6.16	57.39	74.00	-16.61	peak
6	5106.720	38.32	6.16	44.48	54.00	-9.52	AVG
7	5150.000	50.58	6.27	56.85	74.00	-17.15	peak
8	5150.000	38.02	6.27	44.29	54.00	-9.71	AVG
9	5350.000	47.23	6.74	53.97	74.00	-20.03	peak
10	5350.000	36.91	6.74	43.65	54.00	-10.35	AVG
11	5452.320	52.07	6.99	59.06	74.00	-14.94	peak
12	5452.320	38.38	6.99	45.37	54.00	-8.63	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).

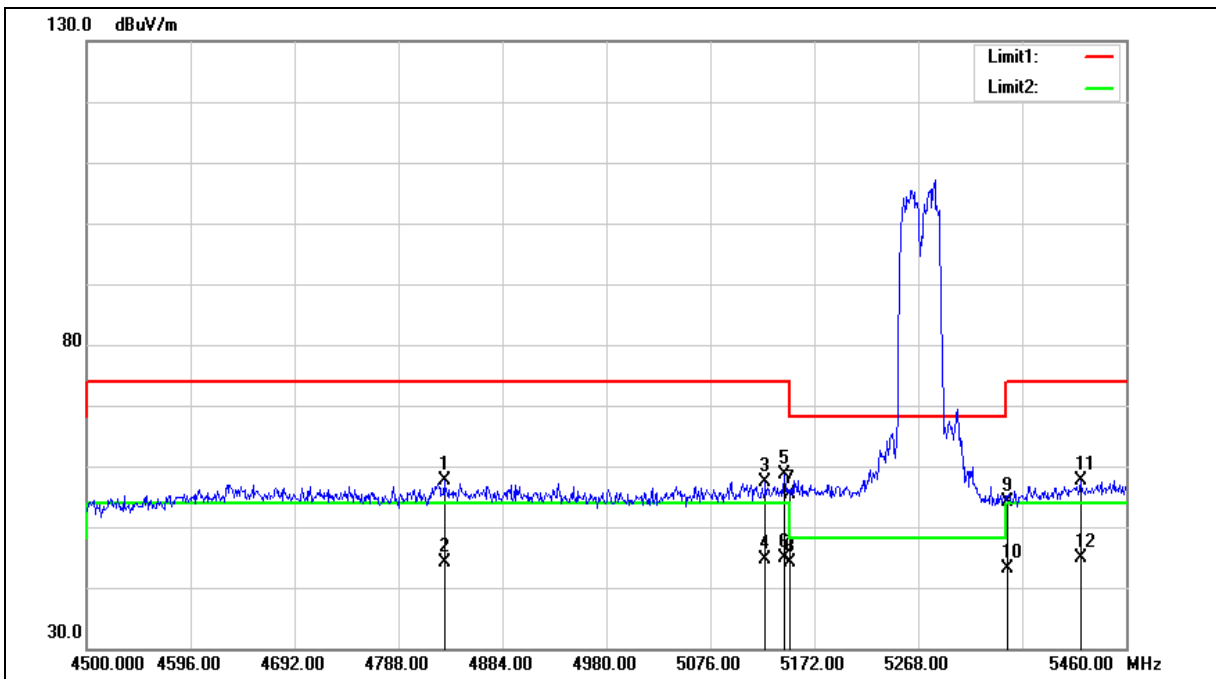
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.240	51.96	5.58	57.54	74.00	-16.46	peak
2	4830.240	38.55	5.58	44.13	54.00	-9.87	AVG
3	5126.880	51.16	6.21	57.37	74.00	-16.63	peak
4	5126.880	38.41	6.21	44.62	54.00	-9.38	AVG
5	5144.160	52.36	6.26	58.62	74.00	-15.38	peak
6	5144.160	38.58	6.26	44.84	54.00	-9.16	AVG
7	5150.000	49.20	6.27	55.47	74.00	-18.53	peak
8	5150.000	37.96	6.27	44.23	54.00	-9.77	AVG
9	5350.000	47.45	6.74	54.19	74.00	-19.81	peak
10	5350.000	36.31	6.74	43.05	54.00	-10.95	AVG
11	5417.760	50.77	6.91	57.68	74.00	-16.32	peak
12	5417.760	38.05	6.91	44.96	54.00	-9.04	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).

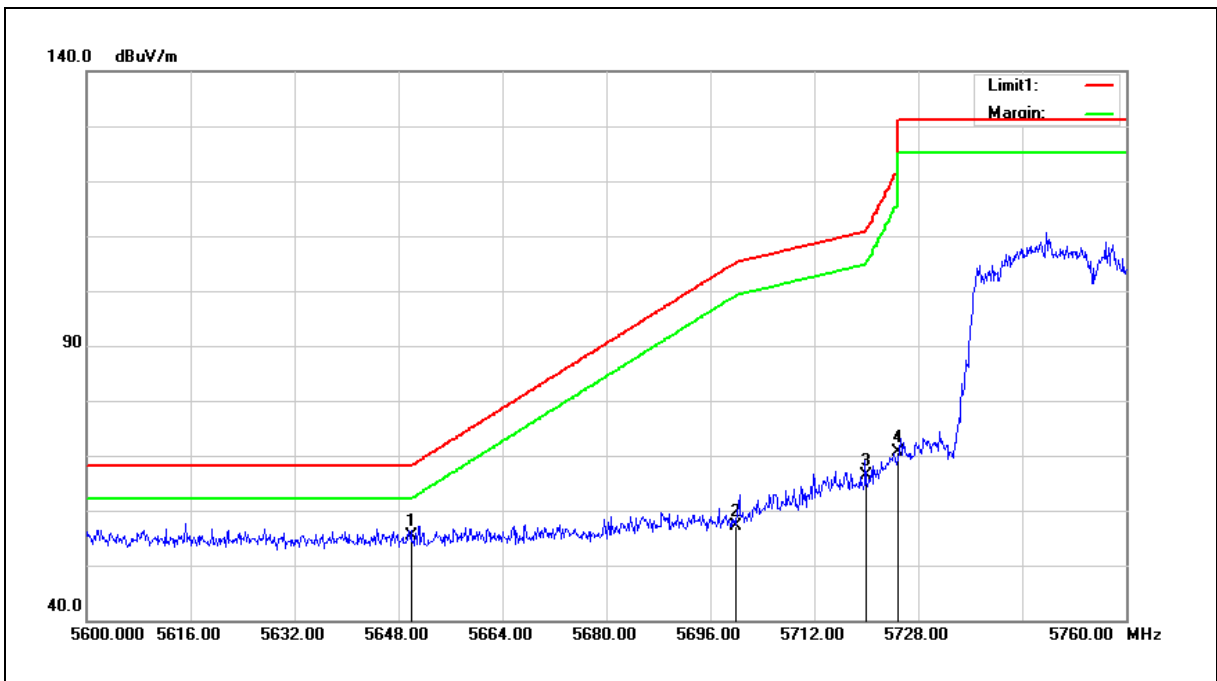
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	48.02	7.42	55.44	68.20	-12.76	peak
2	5700.000	49.50	7.52	57.02	105.20	-48.18	peak
3	5720.000	58.85	7.56	66.41	110.80	-44.39	peak
4	5725.000	63.18	7.57	70.75	122.20	-51.45	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).

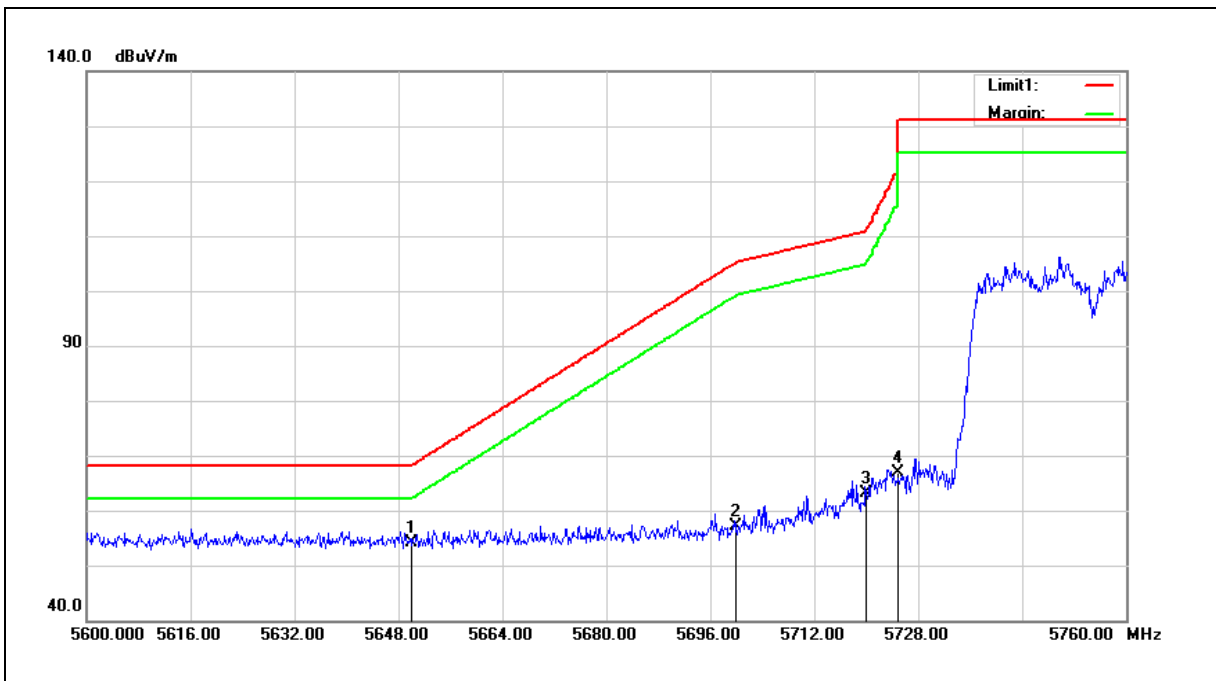
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.74	7.42	54.16	68.20	-14.04	peak
2	5700.000	49.69	7.52	57.21	105.20	-47.99	peak
3	5720.000	55.68	7.56	63.24	110.80	-47.56	peak
4	5725.000	59.42	7.57	66.99	122.20	-55.21	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).

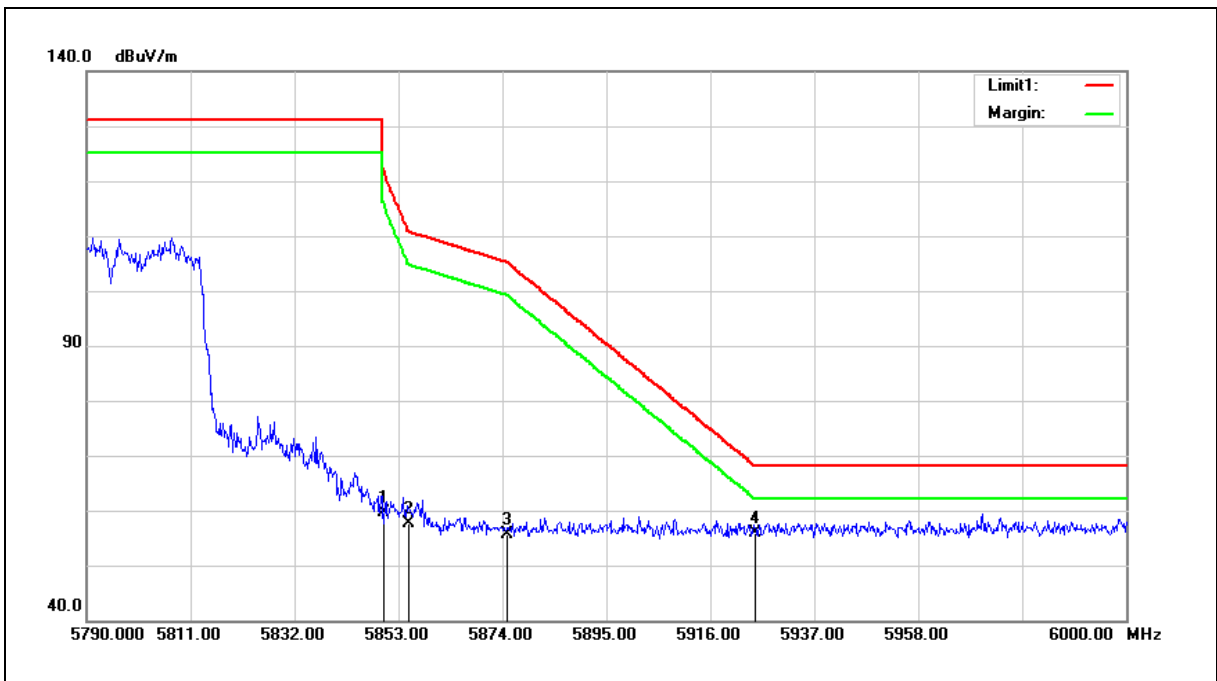
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	51.71	7.83	59.54	122.20	-62.66	peak
2	5855.000	49.79	7.85	57.64	110.80	-53.16	peak
3	5875.000	47.87	7.88	55.75	105.20	-49.45	peak
4	5925.000	47.88	8.00	55.88	68.20	-12.32	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).

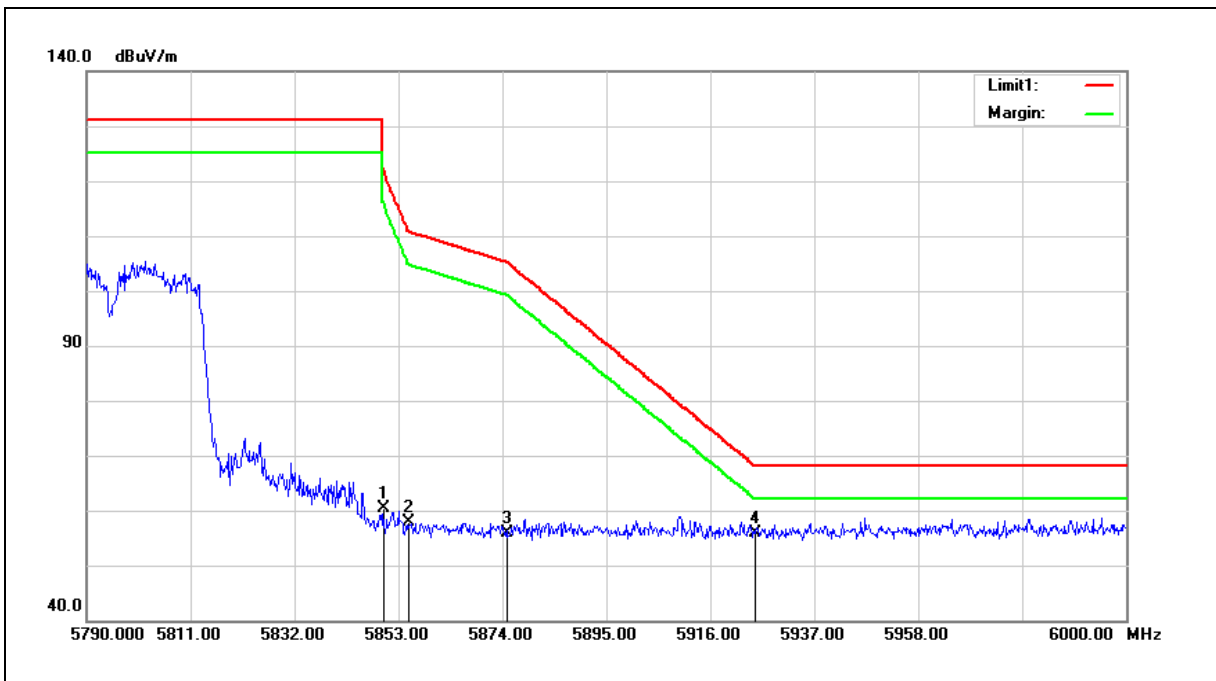
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	52.43	7.83	60.26	122.20	-61.94	peak
2	5855.000	50.10	7.85	57.95	110.80	-52.85	peak
3	5875.000	47.98	7.88	55.86	105.20	-49.34	peak
4	5925.000	47.78	8.00	55.78	68.20	-12.42	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).

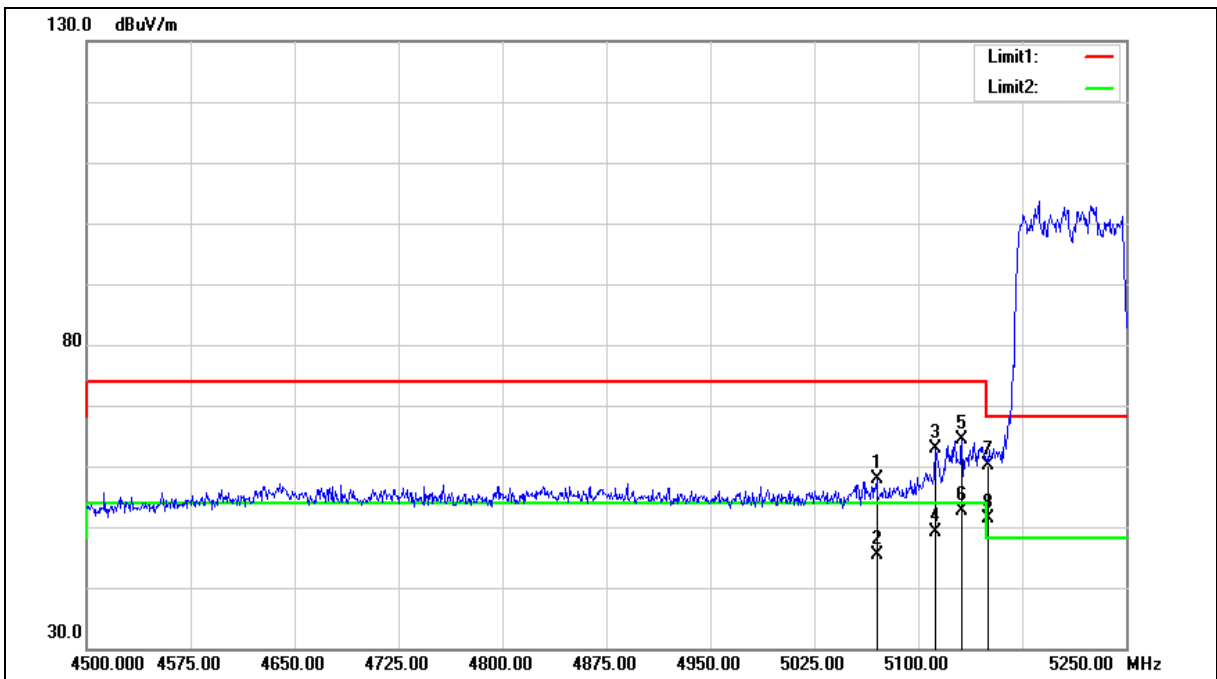
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 7		
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 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5070.000	51.89	6.07	57.96	74.00	-16.04	peak
2	5070.000	39.19	6.07	45.26	54.00	-8.74	AVG
3	5112.000	56.67	6.18	62.85	74.00	-11.15	peak
4	5112.000	42.89	6.18	49.07	54.00	-4.93	AVG
5	5131.500	58.07	6.22	64.29	74.00	-9.71	peak
6	5131.500	46.50	6.22	52.72	54.00	-1.28	AVG
7	5150.000	53.98	6.27	60.25	74.00	-13.75	peak
8	5150.000	45.15	6.27	51.42	54.00	-2.58	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).

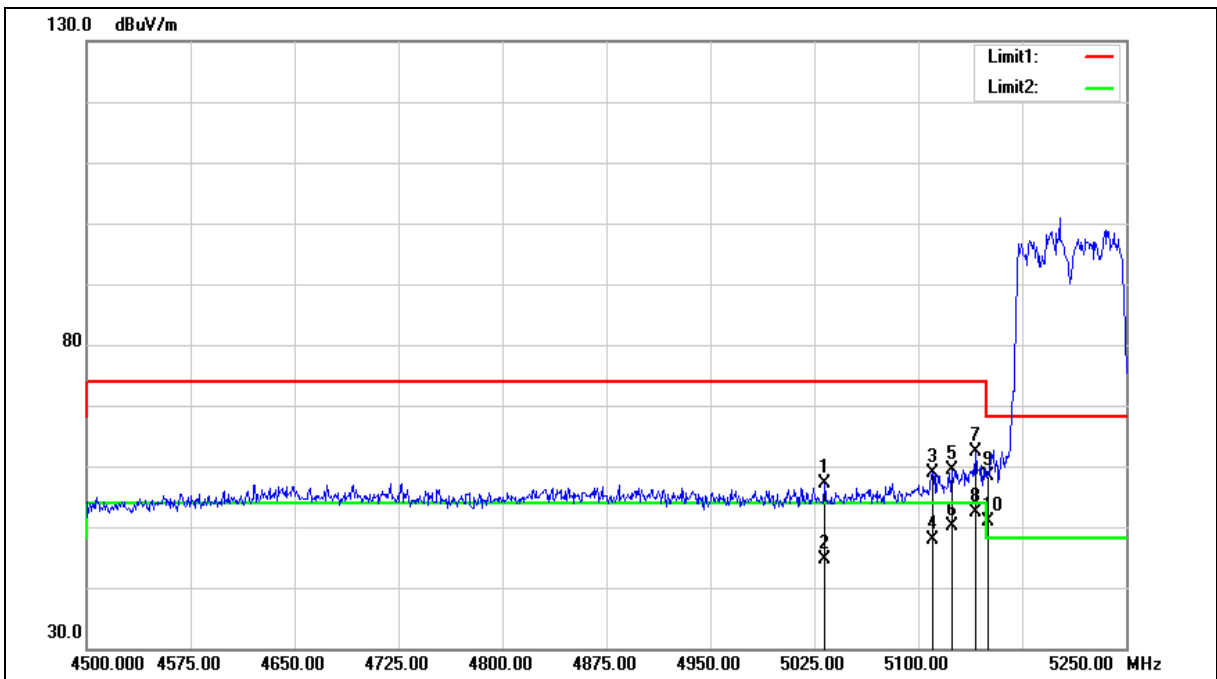
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 7		
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 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5032.500	51.17	5.98	57.15	74.00	-16.85	peak
2	5032.500	38.70	5.98	44.68	54.00	-9.32	AVG
3	5110.500	52.62	6.17	58.79	74.00	-15.21	peak
4	5110.500	41.65	6.17	47.82	54.00	-6.18	AVG
5	5124.000	53.17	6.21	59.38	74.00	-14.62	peak
6	5124.000	43.89	6.21	50.10	54.00	-3.90	AVG
7	5141.250	56.13	6.25	62.38	74.00	-11.62	peak
8	5141.250	46.25	6.25	52.50	54.00	-1.50	AVG
9	5150.000	52.19	6.27	58.46	74.00	-15.54	peak
10	5150.000	44.66	6.27	50.93	54.00	-3.07	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).

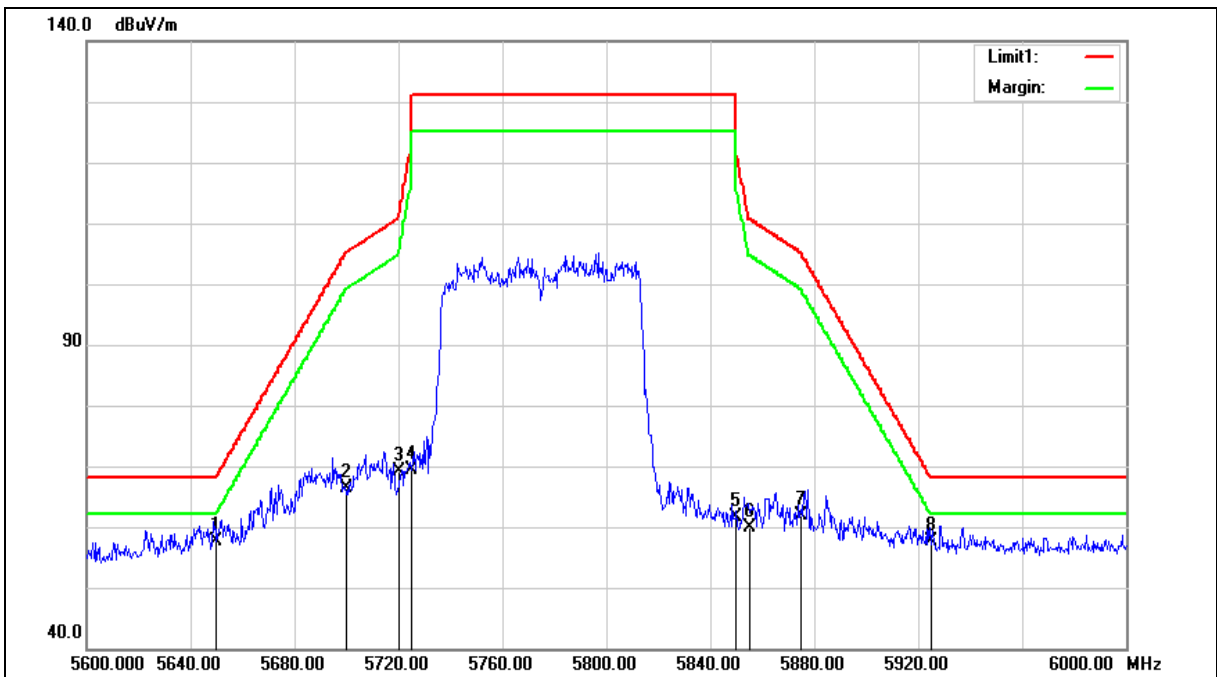
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 7		
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 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	50.16	7.42	57.58	68.20	-10.62	peak
2	5700.000	58.78	7.52	66.30	105.20	-38.90	peak
3	5720.000	61.49	7.56	69.05	110.80	-41.75	peak
4	5725.000	61.73	7.57	69.30	122.20	-52.90	peak
5	5850.000	53.76	7.83	61.59	122.20	-60.61	peak
6	5855.000	51.98	7.85	59.83	110.80	-50.97	peak
7	5875.000	53.94	7.88	61.82	105.20	-43.38	peak
8	5925.000	49.55	8.00	57.55	68.20	-10.65	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).

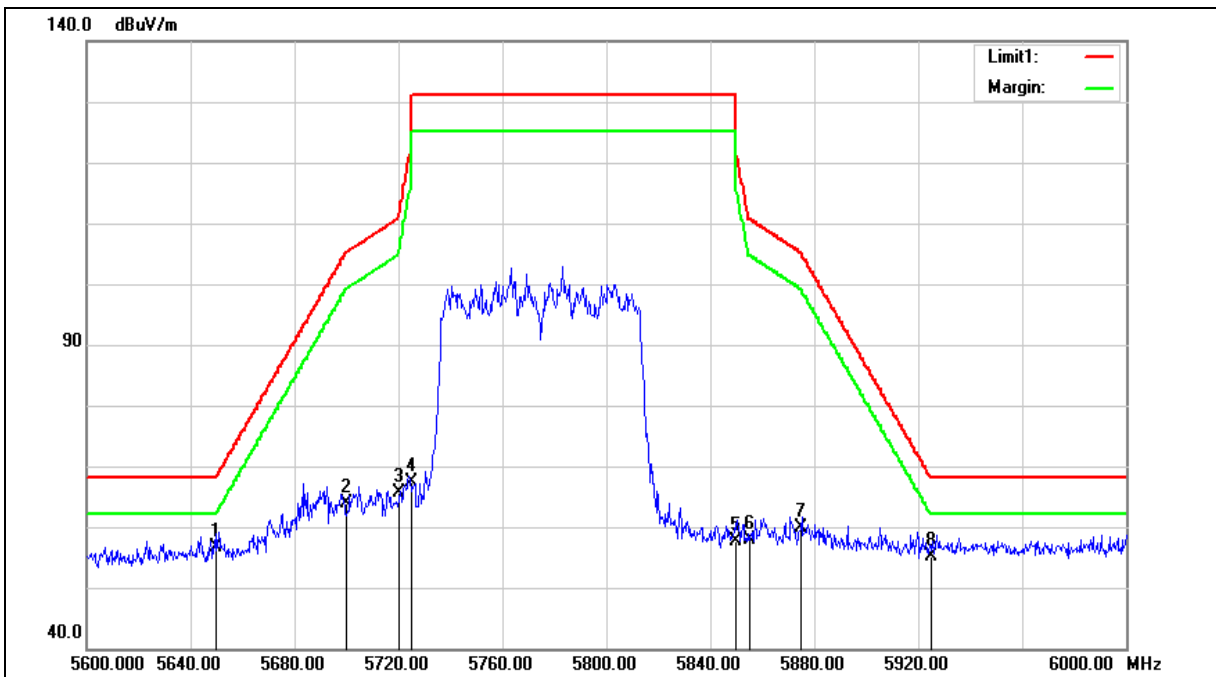
3.When the peak results are less than average limit, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



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 7		
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 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	49.12	7.42	56.54	68.20	-11.66	peak
2	5700.000	56.36	7.52	63.88	105.20	-41.32	peak
3	5720.000	58.02	7.56	65.58	110.80	-45.22	peak
4	5725.000	59.84	7.57	67.41	122.20	-54.79	peak
5	5850.000	49.84	7.83	57.67	122.20	-64.53	peak
6	5855.000	50.06	7.85	57.91	110.80	-52.89	peak
7	5875.000	52.01	7.88	59.89	105.20	-45.31	peak
8	5925.000	47.25	8.00	55.25	68.20	-12.95	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, there is no need to evaluate the average.

4.The average measurement was not performed when the peak measured data is under the limit of average detection.

5.The emission level of other frequencies is much lower than the limit and not shown in test report.



Annex C. Conducted Test Results

Maximum Conducted Output Power Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	6 M	17.00	0.050	16.64	0.046	16.11	0.041	15.63	0.037	≤ 30
5200		17.16	0.052	16.71	0.047	16.26	0.042	15.71	0.037	
5220		17.28	0.053	16.75	0.047	16.18	0.041	15.76	0.038	
5240		17.29	0.054	16.59	0.046	16.14	0.041	15.64	0.037	
5745		19.41	0.087	18.79	0.076	19.60	0.091	19.81	0.096	≤ 30
5765		19.52	0.090	18.93	0.078	19.63	0.092	19.76	0.095	
5785		19.60	0.091	19.23	0.084	19.71	0.094	19.74	0.094	
5805		19.44	0.088	19.41	0.087	19.57	0.091	19.61	0.091	
5825		19.31	0.085	19.35	0.086	19.40	0.087	19.42	0.087	

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0+1+2+3		FCC Limit (dBm)
		(dBm)	(W)	
5180	6 M	22.40	0.174	≤ 30
5200		22.51	0.178	
5220		22.55	0.180	
5240		22.48	0.177	
5745		25.44	0.350	≤ 30
5765		25.49	0.354	
5785		25.60	0.363	
5805		25.53	0.357	
5825		25.39	0.346	

Note:1. The relevant measured result has the offset with cable loss already.

2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	18.78	0.076	18.36	0.069	17.94	0.062	17.51	0.056	≤ 30
5200		18.77	0.075	18.29	0.067	17.89	0.062	17.55	0.057	
5220		18.78	0.076	18.22	0.066	17.72	0.059	17.42	0.055	
5240		18.88	0.077	18.08	0.064	17.61	0.058	17.37	0.055	
5745		18.01	0.063	17.49	0.056	18.33	0.068	18.51	0.071	≤ 30
5765		18.08	0.064	17.62	0.058	18.33	0.068	18.45	0.070	
5785		18.08	0.064	17.81	0.060	18.22	0.066	18.53	0.071	
5805		18.03	0.064	18.11	0.065	18.21	0.066	18.35	0.068	
5825		17.91	0.062	18.16	0.065	18.07	0.064	18.12	0.065	

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0+1+2+3		FCC Limit (dBm)
		(dBm)	(W)	
5180	26 M	24.19	0.263	≤ 30
5200		24.17	0.261	
5220		24.09	0.256	
5240		24.04	0.254	
5745		24.12	0.258	≤ 30
5765		24.15	0.260	
5785		24.19	0.262	
5805		24.20	0.263	
5825		24.09	0.256	

- Note: 1. The relevant measured result has the offset with cable loss already.
2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	18.46	0.070	18.01	0.063	17.64	0.058	17.21	0.053	≤ 30
5230		18.78	0.076	18.24	0.067	17.52	0.056	17.05	0.051	
5755		17.75	0.060	17.19	0.052	17.83	0.061	18.21	0.066	
5795		17.72	0.059	16.97	0.050	17.81	0.060	18.12	0.065	

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	ANT-0+1+2+3		FCC Limit (dBm)	
		(dBm)	(W)		
5190	54 M	23.88	0.244	≤ 30	
5230		23.97	0.249		
5755		23.78	0.239		
5795		23.70	0.234		

- Note: 1. The relevant measured result has the offset with cable loss already.
2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	18.97	0.079	18.54	0.071	18.16	0.065	17.69	0.059	≤ 30
5200		18.93	0.078	18.41	0.069	18.10	0.065	17.75	0.060	
5220		18.95	0.079	18.48	0.070	17.98	0.063	17.61	0.058	
5240		19.06	0.081	18.32	0.068	17.86	0.061	17.54	0.057	
5745		18.22	0.066	17.66	0.058	18.57	0.072	18.77	0.075	≤ 30
5765		18.27	0.067	17.80	0.060	18.51	0.071	18.64	0.073	
5785		18.35	0.068	18.01	0.063	18.48	0.070	18.71	0.074	
5805		18.18	0.066	18.27	0.067	18.38	0.069	18.55	0.072	
5825		18.09	0.064	18.39	0.069	18.22	0.066	18.23	0.067	

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0+1+2+3		FCC Limit (dBm)
		(dBm)	(W)	
5180	26 M	24.39	0.275	≤ 30
5200		24.34	0.272	
5220		24.31	0.269	
5240		24.25	0.266	
5745		24.35	0.272	≤ 30
5765		24.34	0.271	
5785		24.42	0.276	
5805		24.37	0.273	
5825		24.25	0.266	

Note: 1. The relevant measured result has the offset with cable loss already.

2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	18.67	0.074	18.19	0.066	17.75	0.060	17.36	0.054	≤ 30
5230		18.91	0.078	18.35	0.068	17.67	0.058	17.26	0.053	
5755		17.90	0.062	17.30	0.054	17.92	0.062	18.33	0.068	
5795		17.89	0.062	17.16	0.052	17.97	0.063	18.26	0.067	

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0+1+2+3				FCC Limit (dBm)
		(dBm)		(W)		
5190	54 M	24.04		0.254		≤ 30
5230		24.11		0.258		
5755		23.90		0.245		≤ 30
5795		23.86		0.243		

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	117.2 M	14.98	0.031	14.49	0.028	13.83	0.024	13.52	0.022	≤ 30
5775		18.23	0.067	17.89	0.062	18.26	0.067	18.52	0.071	

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0+1+2+3				FCC Limit (dBm)
		(dBm)		(W)		
5210	117.2 M	20.26		0.106		≤ 30
5775		24.25		0.266		≤ 30

Note:1. The relevant measured result has the offset with cable loss already.

2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



Beamforming on

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode								FCC Limit (dBm)
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	12.46	0.018	11.94	0.016	11.52	0.014	11.04	0.013	≤ 25.51
5200		12.38	0.017	11.88	0.015	11.44	0.014	11.17	0.013	
5220		12.39	0.017	11.93	0.016	11.28	0.013	10.96	0.012	
5240		12.47	0.018	11.65	0.015	11.21	0.013	10.88	0.012	
5745		11.69	0.015	11.16	0.013	11.83	0.015	12.26	0.017	≤ 24.53
5765		11.72	0.015	11.31	0.014	11.79	0.015	12.14	0.016	
5785		11.69	0.015	11.41	0.014	11.78	0.015	12.13	0.016	
5805		11.43	0.014	11.58	0.014	11.65	0.015	12.08	0.016	
5825		11.41	0.014	11.77	0.015	11.57	0.014	11.72	0.015	

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode			FCC Limit (dBm)
Frequency (MHz)	Data Rate	ANT-0+1+2+3			
		(dBm)	(W)		
5180	26 M	17.79	0.060	≤ 25.51	
5200		17.76	0.060		
5220		17.70	0.059		
5240		17.61	0.058		
5745		17.77	0.060	≤ 24.53	
5765		17.77	0.060		
5785		17.78	0.060		
5805		17.71	0.059		
5825		17.64	0.058		

- Note:1. The relevant measured result has the offset with cable loss already.
2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	12.10	0.016	11.63	0.015	11.11	0.013	10.79	0.012	≤ 25.51
5230		12.31	0.017	11.81	0.015	11.02	0.013	10.61	0.012	
5755		11.48	0.014	10.79	0.012	11.24	0.013	11.84	0.015	≤ 24.53
5795		11.28	0.013	10.59	0.011	11.41	0.014	11.70	0.015	

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0+1+2+3						FCC Limit (dBm)		
		(dBm)			(W)					
5190	54 M	17.46			0.056			≤ 25.51		
5230		17.51			0.056					
5755		17.37			0.055			≤ 24.53		
5795		17.28			0.054					

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	117.2 M	8.42	0.007	7.97	0.006	7.14	0.005	6.94	0.005	≤ 25.51
5775		11.75	0.015	11.34	0.014	11.62	0.015	11.97	0.016	≤ 24.53

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0+1+2+3						FCC Limit (dBm)		
		(dBm)			(W)					
5210	117.2 M	13.68			0.023			≤ 25.51		
5775		17.70			0.059			≤ 24.53		

- Note:1. The relevant measured result has the offset with cable loss already.
2. Evaluated high and low data rate, the report record worst case low data rate measurement results.



26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5180	20.400	19.560	19.750	19.680	16.490	16.439	16.435	16.424
5200	19.720	19.630	19.290	19.870	16.463	16.446	16.441	16.431
5240	19.770	19.720	19.750	19.710	16.469	16.467	16.452	16.409

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5180	20.650	20.330	20.480	20.290	17.595	17.595	17.618	17.599
5200	20.440	20.350	20.380	20.330	17.606	17.601	17.618	17.602
5240	20.750	20.460	20.790	20.390	17.616	17.629	17.621	17.606

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5190	40.610	40.570	40.230	40.210	35.996	35.998	35.958	35.972
5230	40.570	40.520	40.380	40.210	36.004	35.974	35.919	35.999

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5210	83.400	83.550	83.600	82.470	75.730	75.654	75.726	75.773

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



Beamforming on

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5180	20.280	20.280	20.520	20.370	17.601	17.579	17.601	17.594
5200	20.270	20.370	20.490	20.340	17.606	17.596	17.610	17.588
5240	20.470	20.570	20.660	20.410	17.611	17.627	17.613	17.594

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5190	40.410	40.420	40.120	40.360	35.930	36.007	35.927	36.012
5230	40.340	40.540	40.270	40.130	35.924	35.972	35.899	35.935

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode							
Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
	Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
5210	83.540	83.310	83.320	82.550	75.718	75.623	75.732	75.745

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



■ Test Graphs

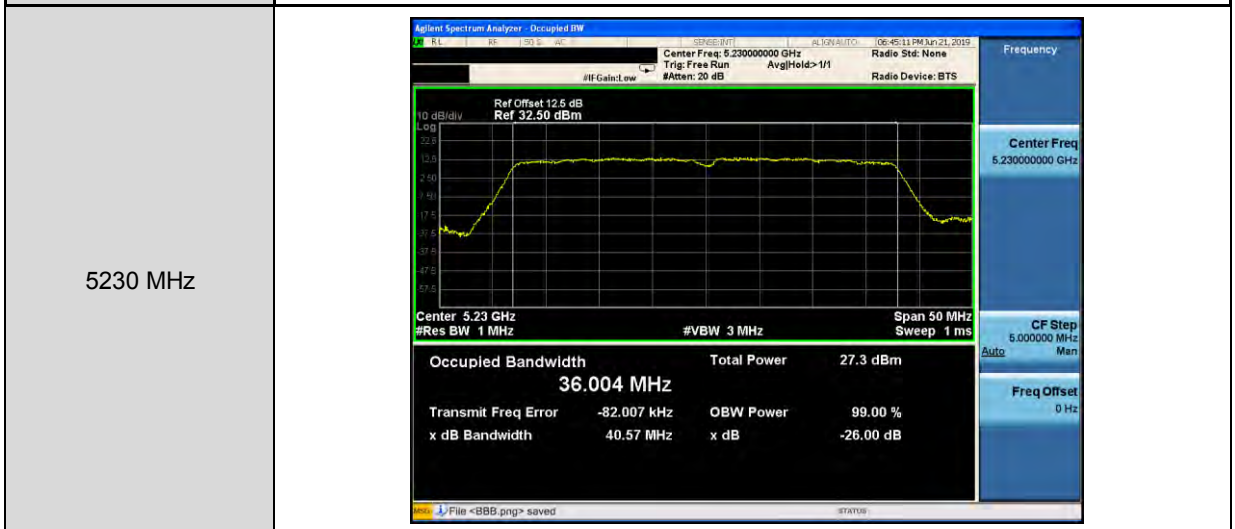
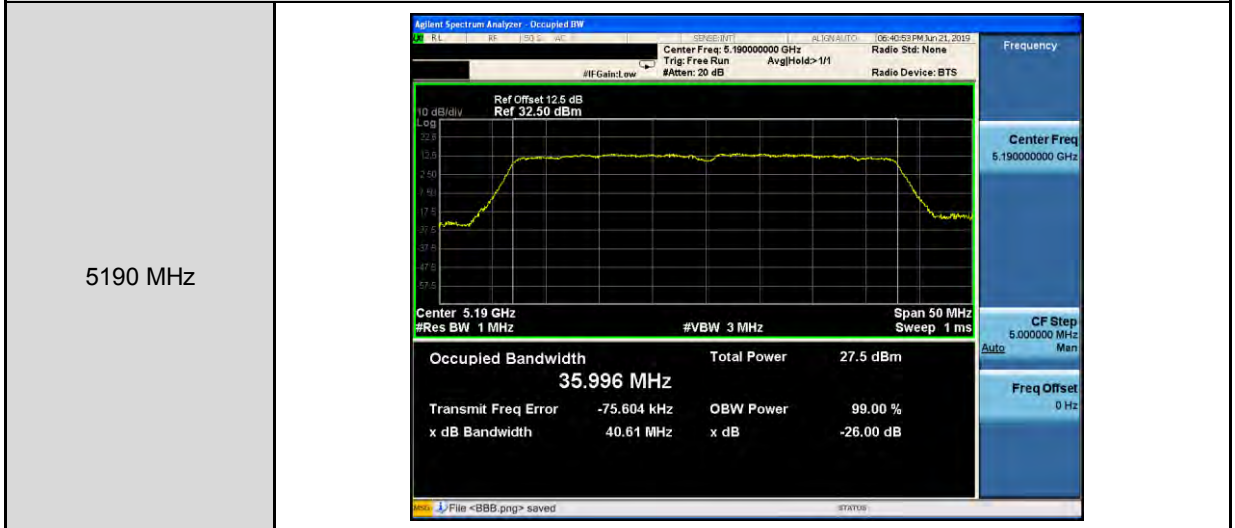
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	<p>Center Freq: 5.18000000 GHz</p> <p>Occupied Bandwidth: 16.490 MHz</p> <p>Total Power: 25.1 dBm</p> <p>Transmit Freq Error: -94.097 kHz</p> <p>x dB Bandwidth: 20.40 MHz</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz</p> <p>Occupied Bandwidth: 16.463 MHz</p> <p>Total Power: 24.6 dBm</p> <p>Transmit Freq Error: -95.343 kHz</p> <p>x dB Bandwidth: 19.72 MHz</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz</p> <p>Occupied Bandwidth: 16.469 MHz</p> <p>Total Power: 24.6 dBm</p> <p>Transmit Freq Error: -94.636 kHz</p> <p>x dB Bandwidth: 19.77 MHz</p>



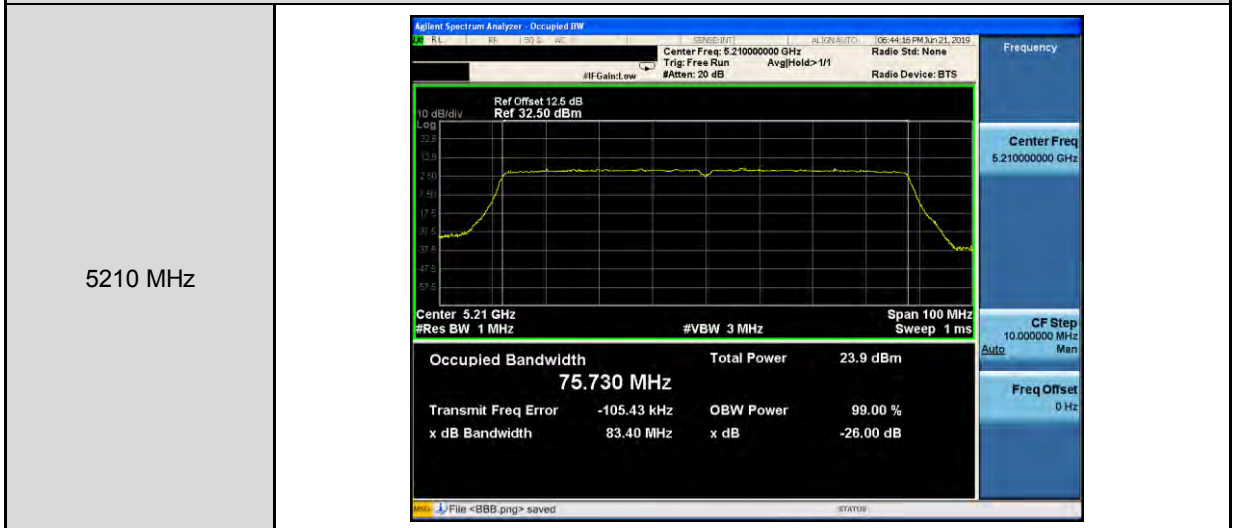
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0													
5180 MHz	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.596 MHz</td><td>Total Power</td><td>26.5 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-87.412 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.65 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.18000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.596 MHz	Total Power	26.5 dBm	Transmit Freq Error	-87.412 kHz	OBW Power	99.00 %	x dB Bandwidth	20.65 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.596 MHz	Total Power	26.5 dBm										
Transmit Freq Error	-87.412 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.65 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.606 MHz</td><td>Total Power</td><td>26.7 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-93.518 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.44 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.20000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.606 MHz	Total Power	26.7 dBm	Transmit Freq Error	-93.518 kHz	OBW Power	99.00 %	x dB Bandwidth	20.44 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.606 MHz	Total Power	26.7 dBm										
Transmit Freq Error	-93.518 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.44 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.616 MHz</td><td>Total Power</td><td>26.5 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-99.522 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.75 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.24000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.616 MHz	Total Power	26.5 dBm	Transmit Freq Error	-99.522 kHz	OBW Power	99.00 %	x dB Bandwidth	20.75 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.616 MHz	Total Power	26.5 dBm										
Transmit Freq Error	-99.522 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.75 MHz	x dB	-26.00 dB										



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0





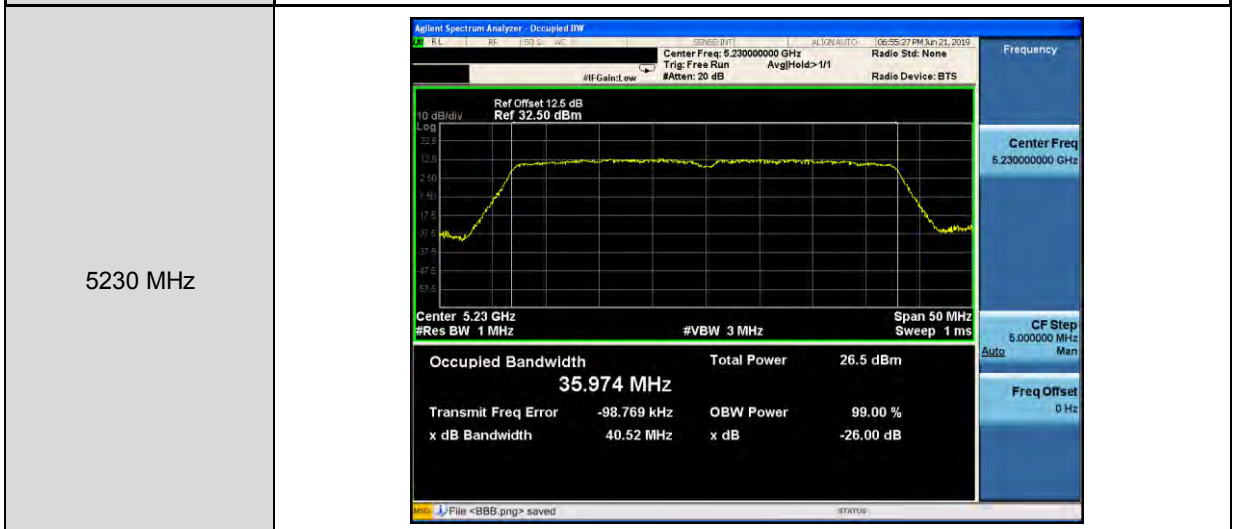
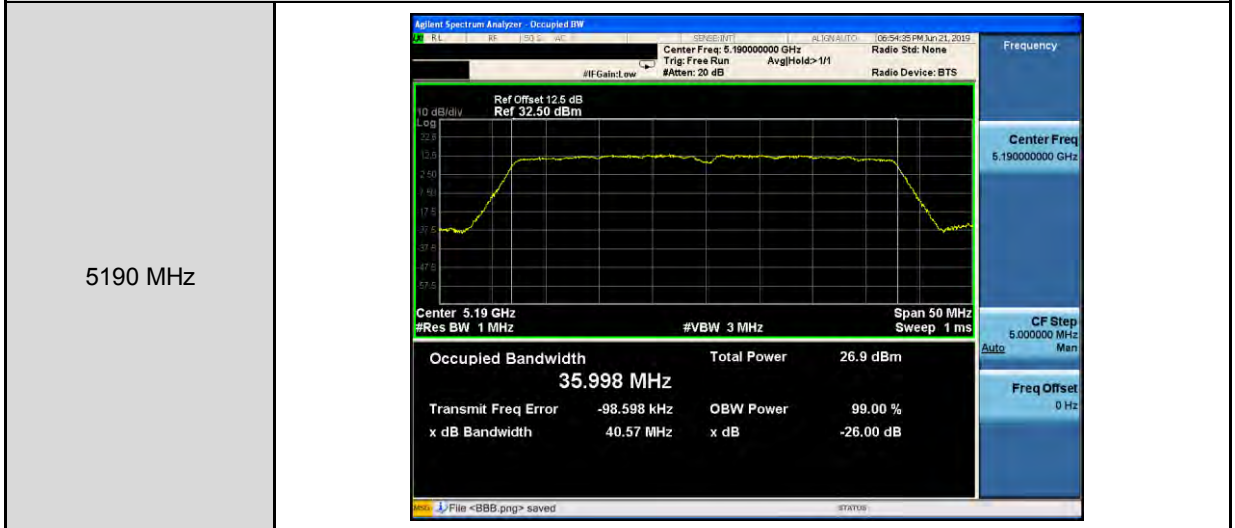
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	<p>Center Freq: 5.18000000 GHz</p> <p>Occupied Bandwidth: 16.439 MHz</p> <p>Total Power: 24.3 dBm</p> <p>Transmit Freq Error: -90.350 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.56 MHz</p> <p>x dB: -26.00 dB</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz</p> <p>Occupied Bandwidth: 16.446 MHz</p> <p>Total Power: 24.5 dBm</p> <p>Transmit Freq Error: -100.66 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.63 MHz</p> <p>x dB: -26.00 dB</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz</p> <p>Occupied Bandwidth: 16.467 MHz</p> <p>Total Power: 23.8 dBm</p> <p>Transmit Freq Error: -107.91 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.72 MHz</p> <p>x dB: -26.00 dB</p>



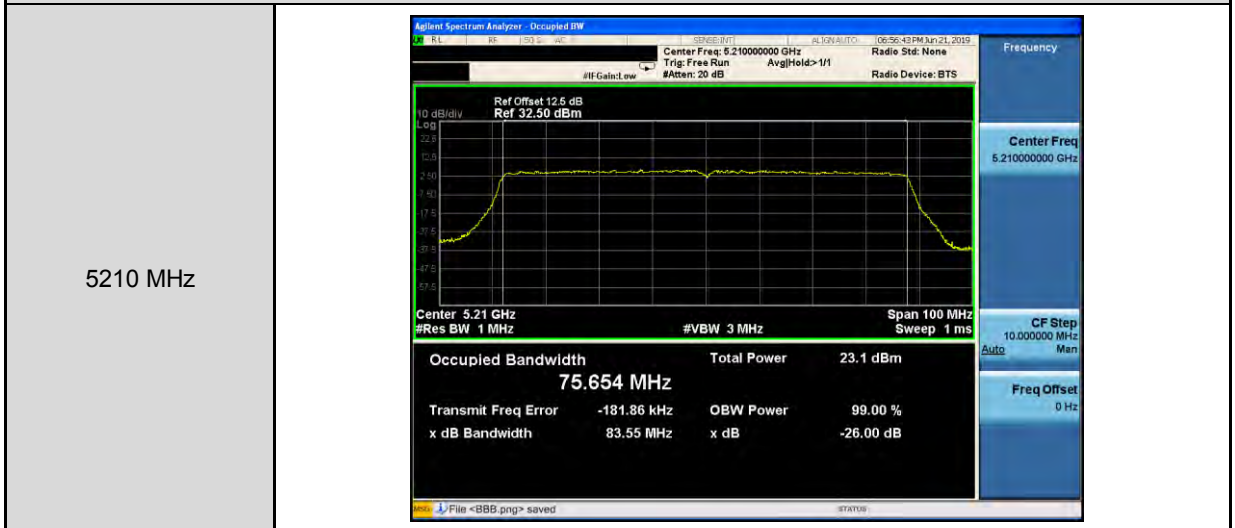
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1													
5180 MHz	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.595 MHz</td><td>Total Power</td><td>26.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-100.97 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.33 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.18000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.595 MHz	Total Power	26.1 dBm	Transmit Freq Error	-100.97 kHz	OBW Power	99.00 %	x dB Bandwidth	20.33 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.595 MHz	Total Power	26.1 dBm										
Transmit Freq Error	-100.97 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.33 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.601 MHz</td><td>Total Power</td><td>26.0 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-108.42 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.35 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.20000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.601 MHz	Total Power	26.0 dBm	Transmit Freq Error	-108.42 kHz	OBW Power	99.00 %	x dB Bandwidth	20.35 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.601 MHz	Total Power	26.0 dBm										
Transmit Freq Error	-108.42 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.35 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.629 MHz</td><td>Total Power</td><td>25.6 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-107.62 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.46 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.24000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.629 MHz	Total Power	25.6 dBm	Transmit Freq Error	-107.62 kHz	OBW Power	99.00 %	x dB Bandwidth	20.46 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.629 MHz	Total Power	25.6 dBm										
Transmit Freq Error	-107.62 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.46 MHz	x dB	-26.00 dB										



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1

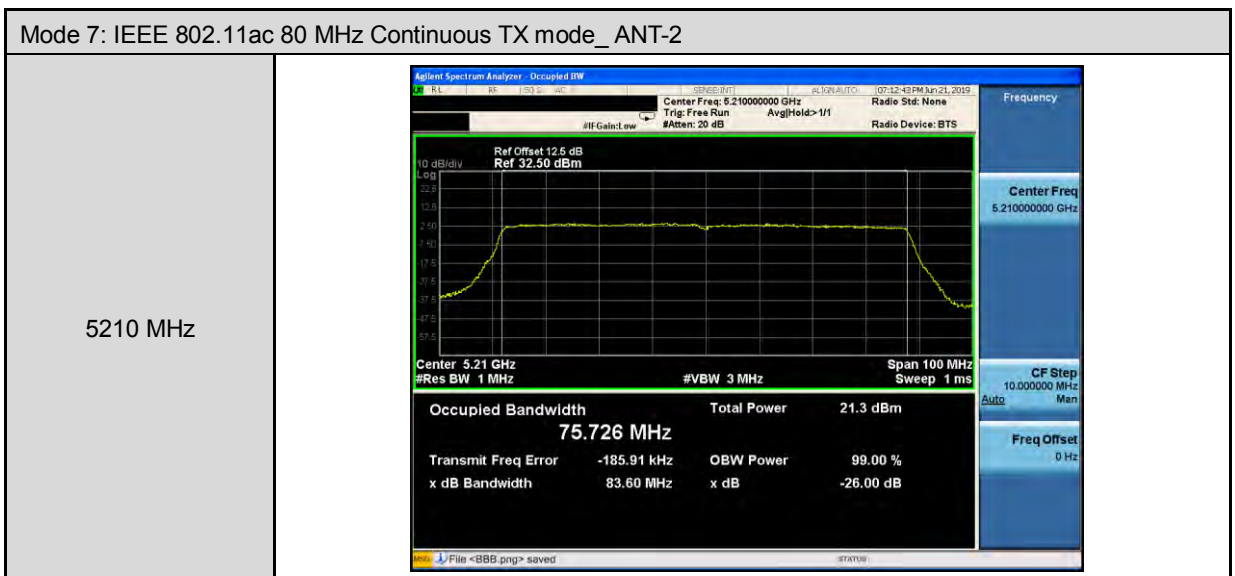
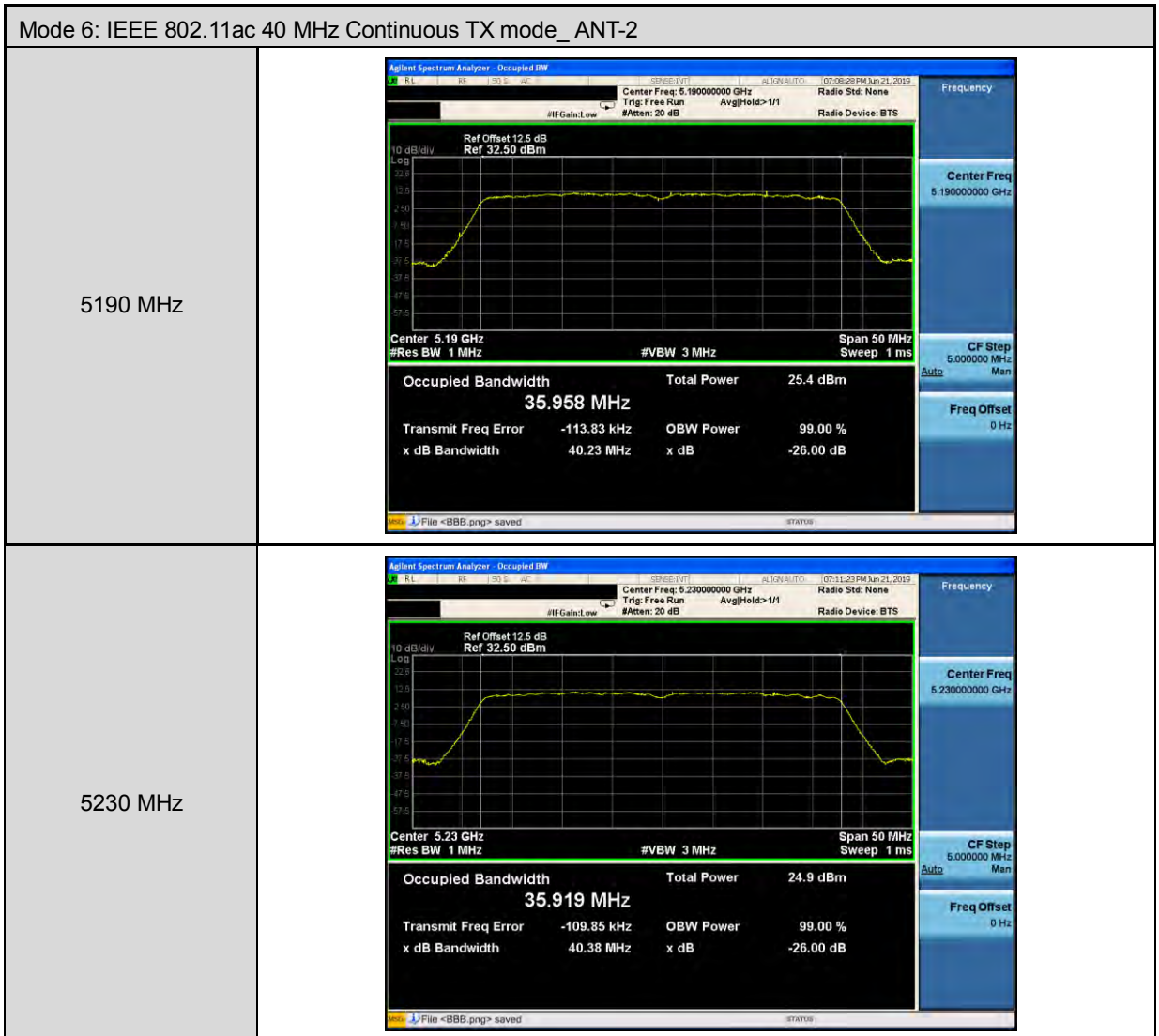




Mode 2: IEEE 802.11a Continuous TX mode_ ANT-2	
5180 MHz	<p>Center Freq: 5.18000000 GHz Occupied Bandwidth: 16.435 MHz Total Power: 22.7 dBm Transmit Freq Error: -95.920 kHz OBW Power: 99.00 % x dB Bandwidth: 19.75 MHz, -26.00 dB</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz Occupied Bandwidth: 16.441 MHz Total Power: 22.6 dBm Transmit Freq Error: -102.11 kHz OBW Power: 99.00 % x dB Bandwidth: 19.29 MHz, -26.00 dB</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz Occupied Bandwidth: 16.452 MHz Total Power: 21.9 dBm Transmit Freq Error: -93.716 kHz OBW Power: 99.00 % x dB Bandwidth: 19.75 MHz, -26.00 dB</p>



Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-2													
5180 MHz	<p>Center Freq: 5.18000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 30 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.618 MHz</td><td>Total Power</td><td>24.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-101.52 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.48 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	17.618 MHz	Total Power	24.3 dBm	Transmit Freq Error	-101.52 kHz	OBW Power	99.00 %	x dB Bandwidth	20.48 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.618 MHz	Total Power	24.3 dBm										
Transmit Freq Error	-101.52 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.48 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Freq: 5.20000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 30 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.618 MHz</td><td>Total Power</td><td>24.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-102.47 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.38 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	17.618 MHz	Total Power	24.2 dBm	Transmit Freq Error	-102.47 kHz	OBW Power	99.00 %	x dB Bandwidth	20.38 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.618 MHz	Total Power	24.2 dBm										
Transmit Freq Error	-102.47 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.38 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Freq: 5.24000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 30 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.621 MHz</td><td>Total Power</td><td>24.0 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-106.00 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.79 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	17.621 MHz	Total Power	24.0 dBm	Transmit Freq Error	-106.00 kHz	OBW Power	99.00 %	x dB Bandwidth	20.79 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.621 MHz	Total Power	24.0 dBm										
Transmit Freq Error	-106.00 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.79 MHz	x dB	-26.00 dB										





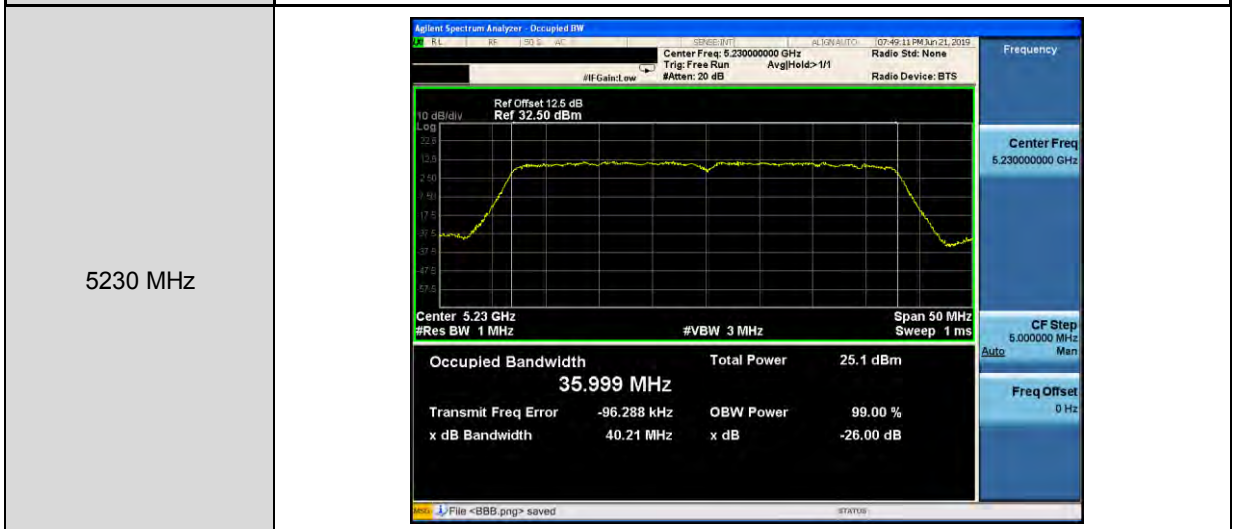
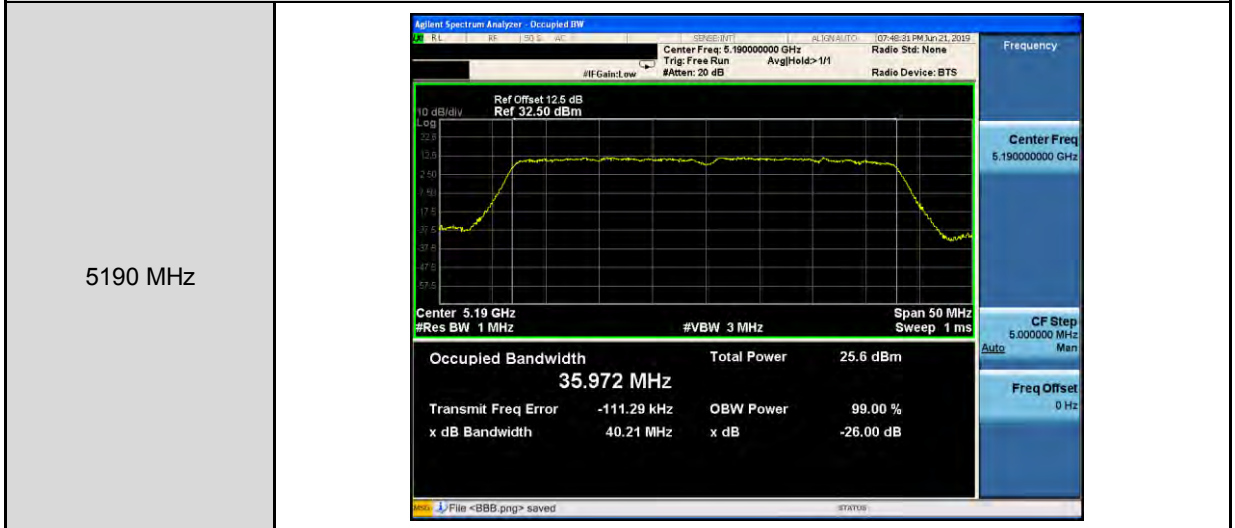
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-3	
5180 MHz	<p>Center Freq: 5.18000000 GHz</p> <p>Occupied Bandwidth: 16.424 MHz</p> <p>Total Power: 23.0 dBm</p> <p>Transmit Freq Error: -85.497 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.68 MHz</p> <p>x dB: -26.00 dB</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz</p> <p>Occupied Bandwidth: 16.431 MHz</p> <p>Total Power: 22.7 dBm</p> <p>Transmit Freq Error: -90.028 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.87 MHz</p> <p>x dB: -26.00 dB</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz</p> <p>Occupied Bandwidth: 16.409 MHz</p> <p>Total Power: 22.8 dBm</p> <p>Transmit Freq Error: -95.283 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.71 MHz</p> <p>x dB: -26.00 dB</p>



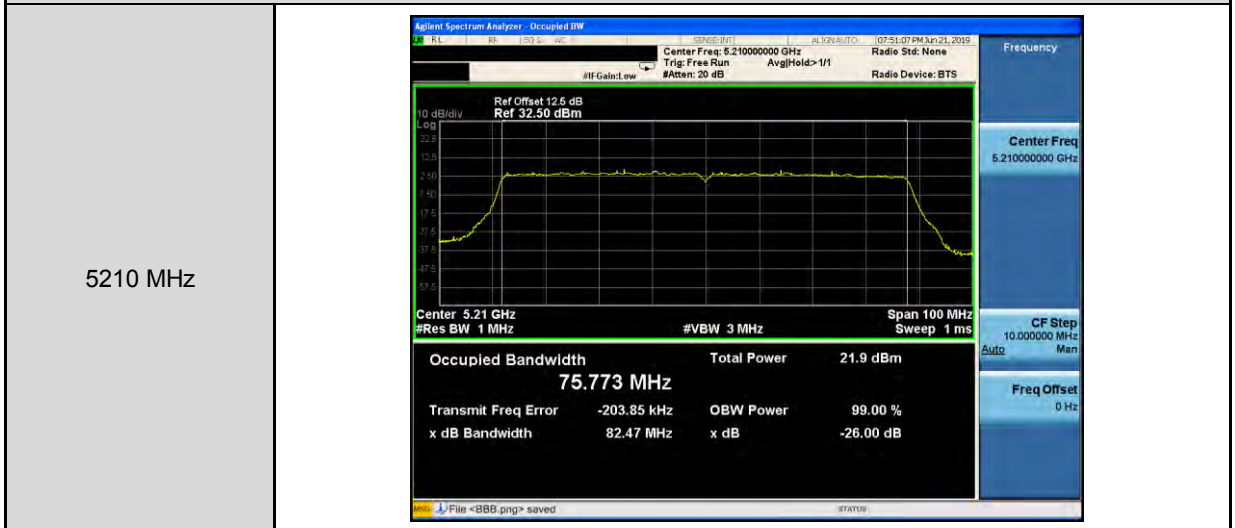
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-3	
5180 MHz	<p>Center Freq: 5.18000000 GHz</p> <p>Occupied Bandwidth: 17.599 MHz</p> <p>Total Power: 25.0 dBm</p> <p>Transmit Freq Error: -103.23 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 20.29 MHz</p> <p>x dB: -26.00 dB</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz</p> <p>Occupied Bandwidth: 17.602 MHz</p> <p>Total Power: 24.7 dBm</p> <p>Transmit Freq Error: -98.280 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 20.33 MHz</p> <p>x dB: -26.00 dB</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz</p> <p>Occupied Bandwidth: 17.606 MHz</p> <p>Total Power: 24.3 dBm</p> <p>Transmit Freq Error: -106.79 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 20.39 MHz</p> <p>x dB: -26.00 dB</p>



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-3



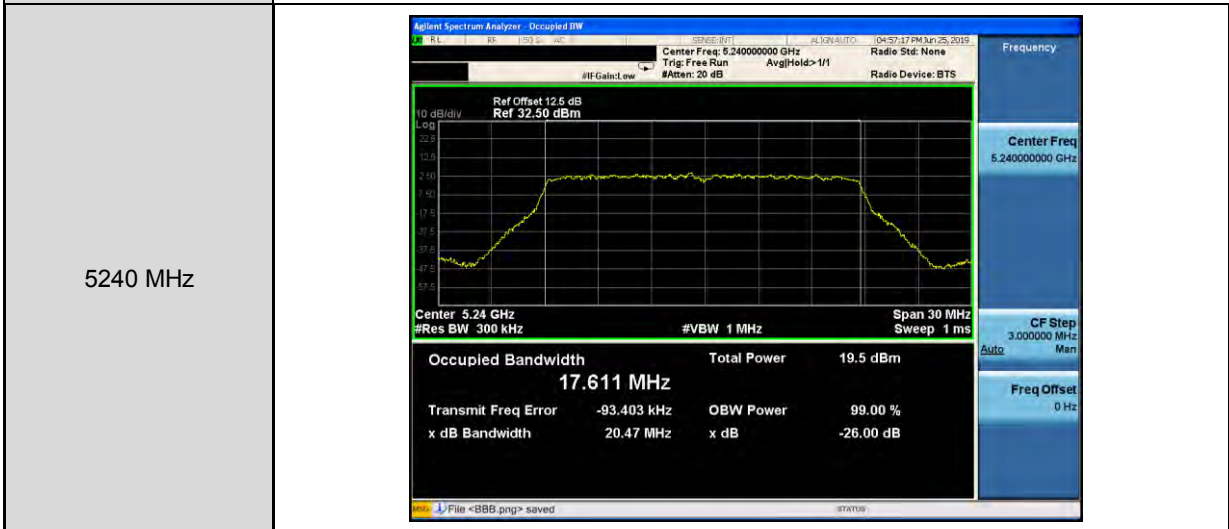
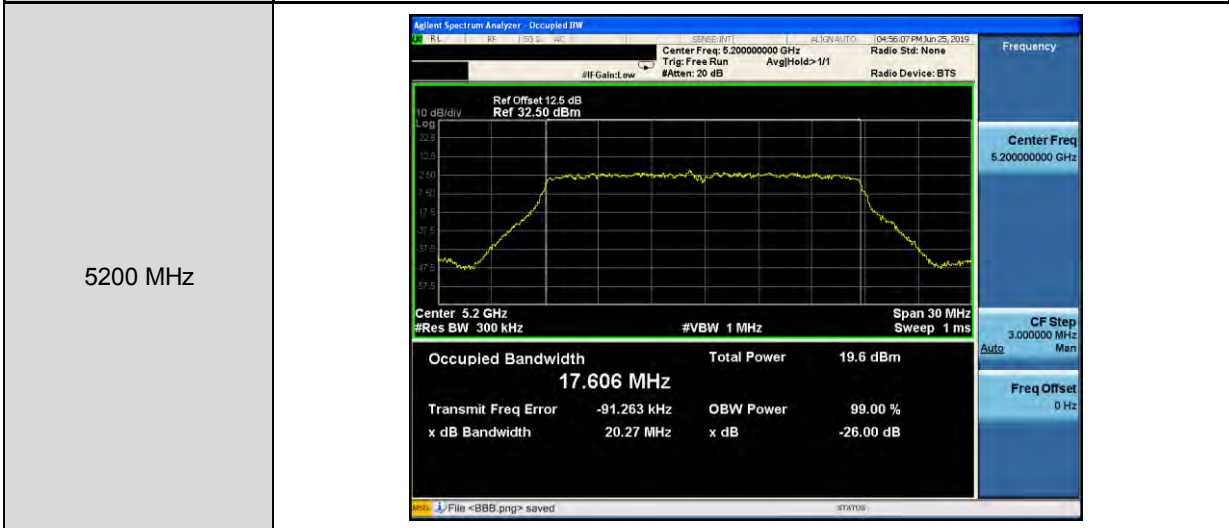
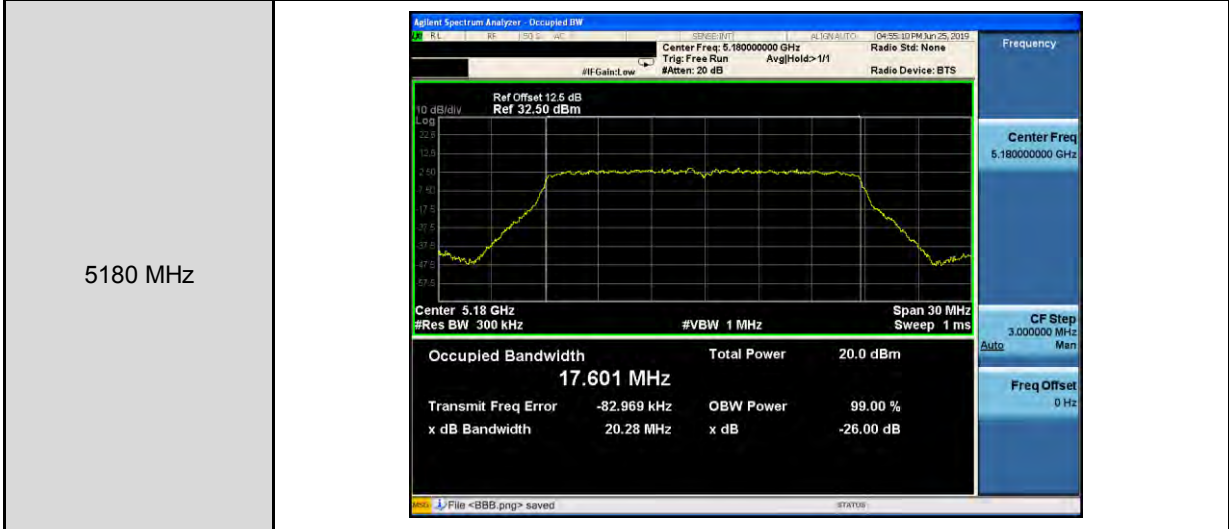
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-3





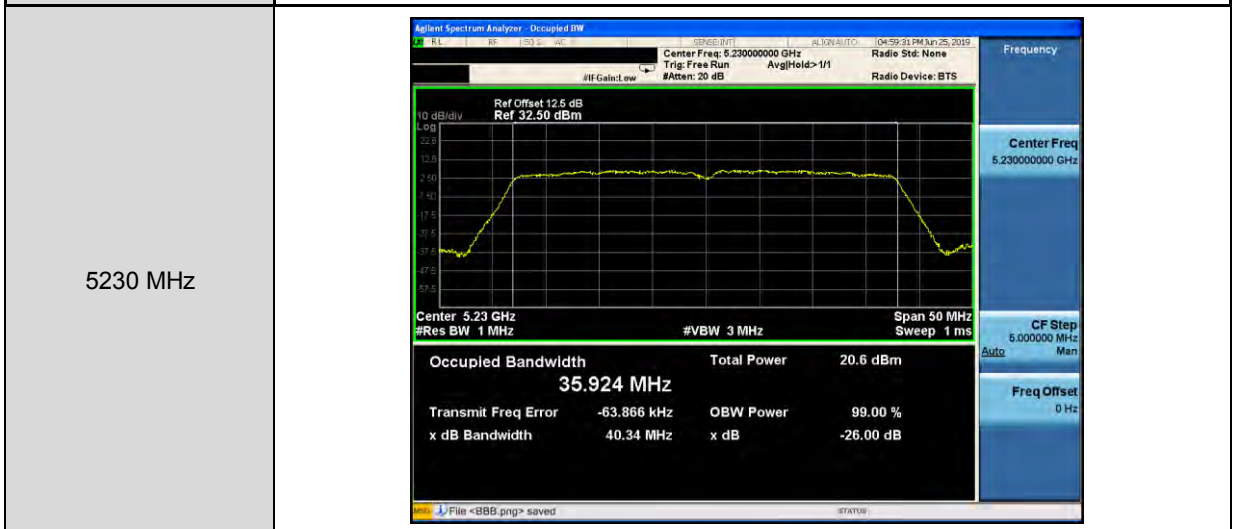
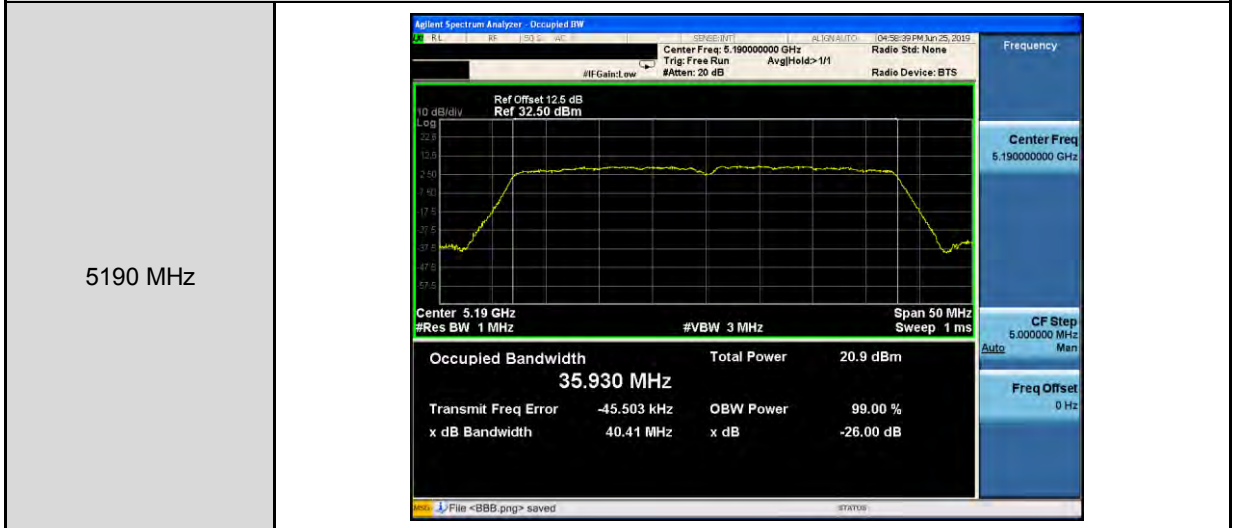
Beamforming on

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0

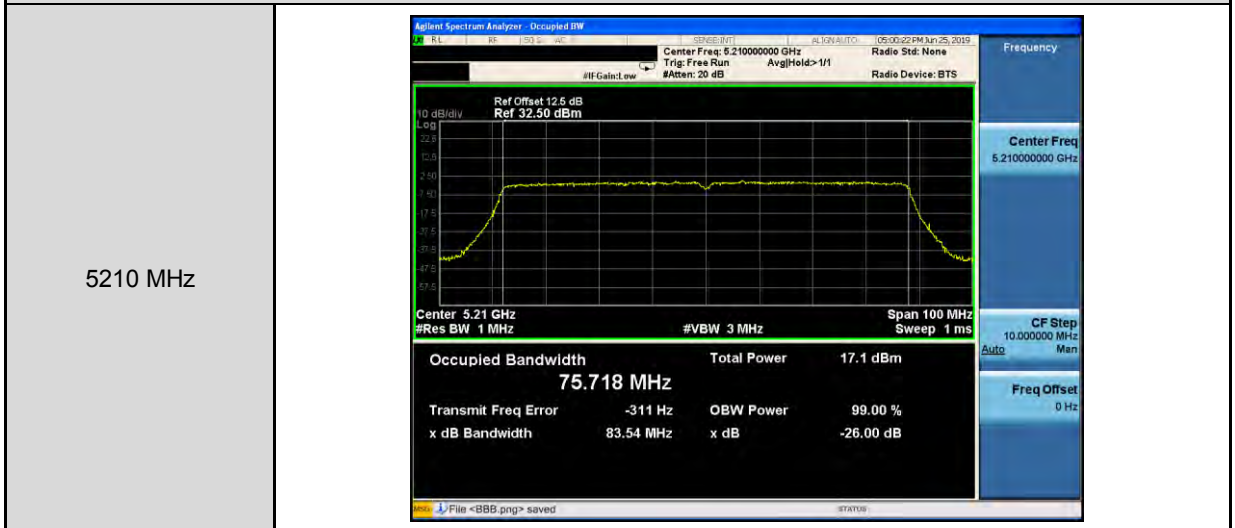




Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0

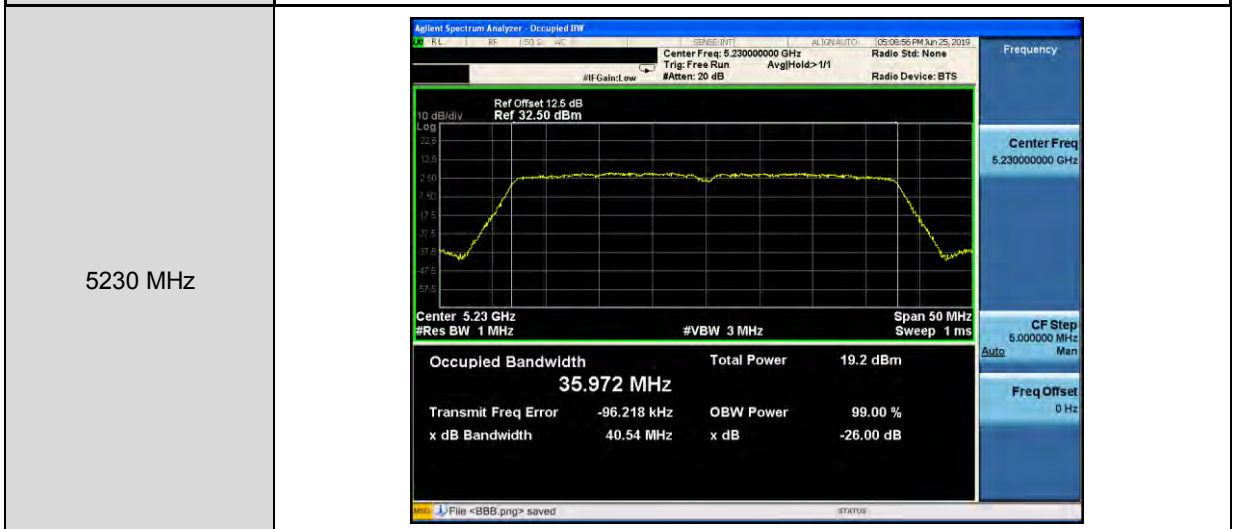
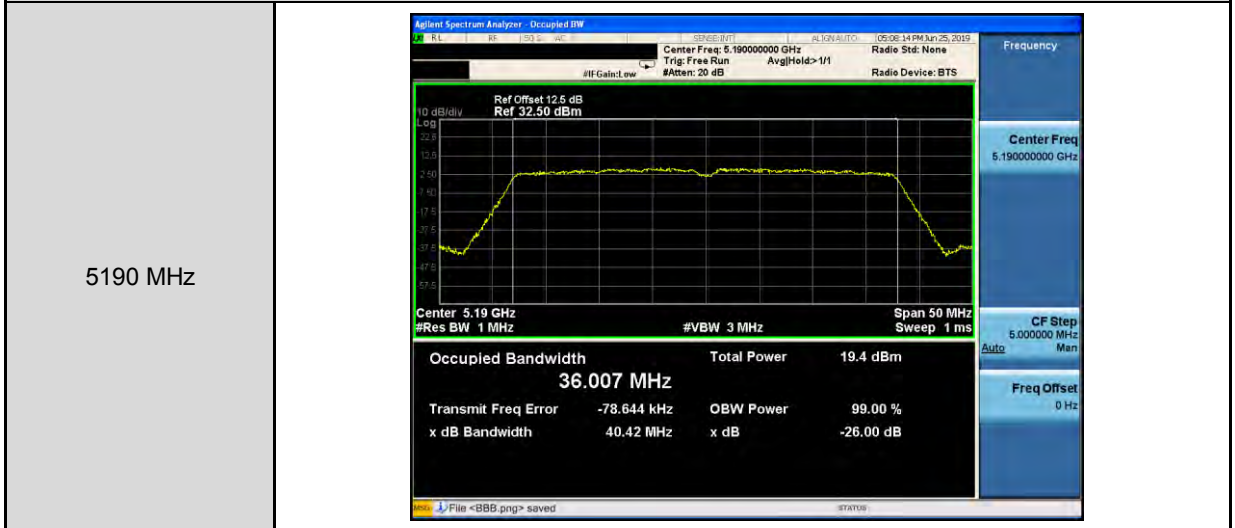




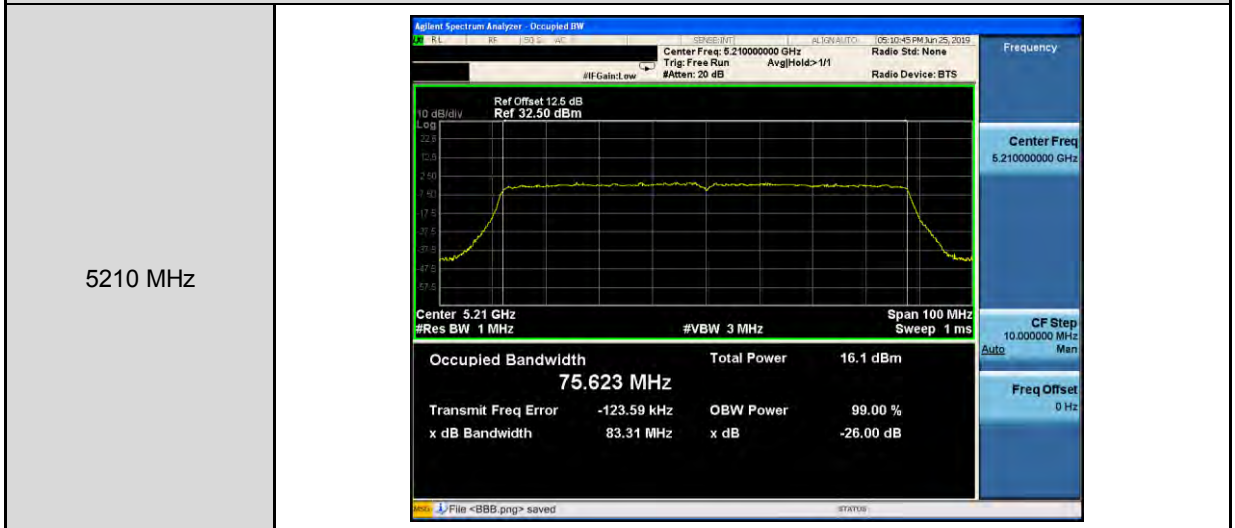
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1													
5180 MHz	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.579 MHz</td><td>Total Power</td><td>19.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-93.423 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.28 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.18000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.579 MHz	Total Power	19.1 dBm	Transmit Freq Error	-93.423 kHz	OBW Power	99.00 %	x dB Bandwidth	20.28 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.579 MHz	Total Power	19.1 dBm										
Transmit Freq Error	-93.423 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.28 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.596 MHz</td><td>Total Power</td><td>19.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-104.23 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.37 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.20000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.596 MHz	Total Power	19.1 dBm	Transmit Freq Error	-104.23 kHz	OBW Power	99.00 %	x dB Bandwidth	20.37 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.596 MHz	Total Power	19.1 dBm										
Transmit Freq Error	-104.23 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.37 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB AvgHold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 30 MHz Sweep 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.627 MHz</td><td>Total Power</td><td>18.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-109.06 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.57 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> <p>Center Freq: 5.24000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>	Occupied Bandwidth	17.627 MHz	Total Power	18.2 dBm	Transmit Freq Error	-109.06 kHz	OBW Power	99.00 %	x dB Bandwidth	20.57 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.627 MHz	Total Power	18.2 dBm										
Transmit Freq Error	-109.06 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.57 MHz	x dB	-26.00 dB										



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1

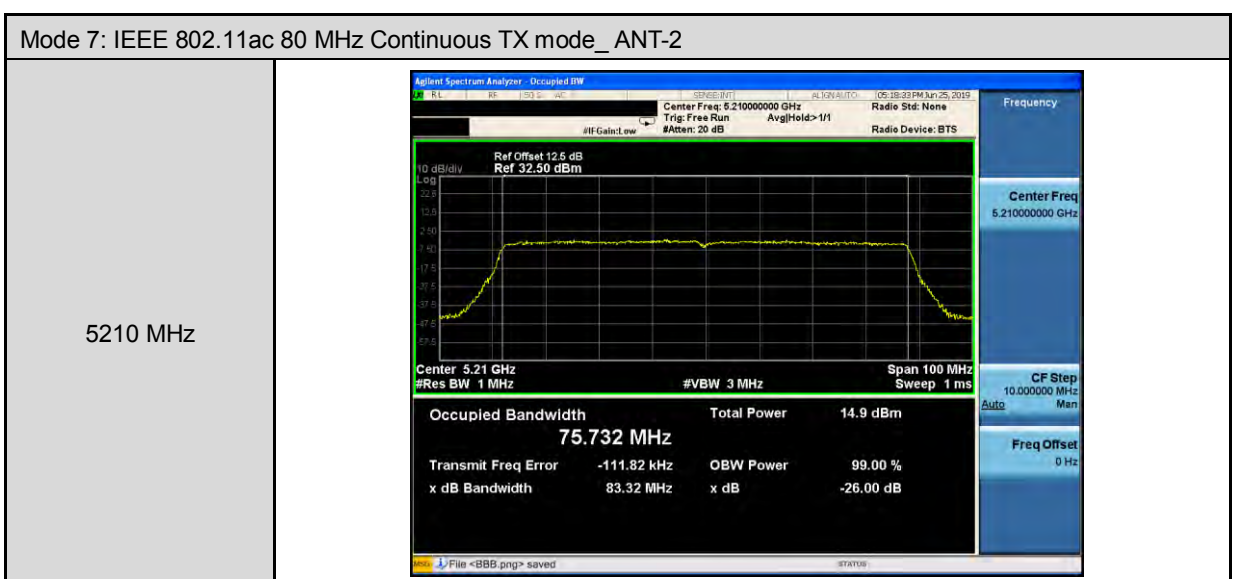
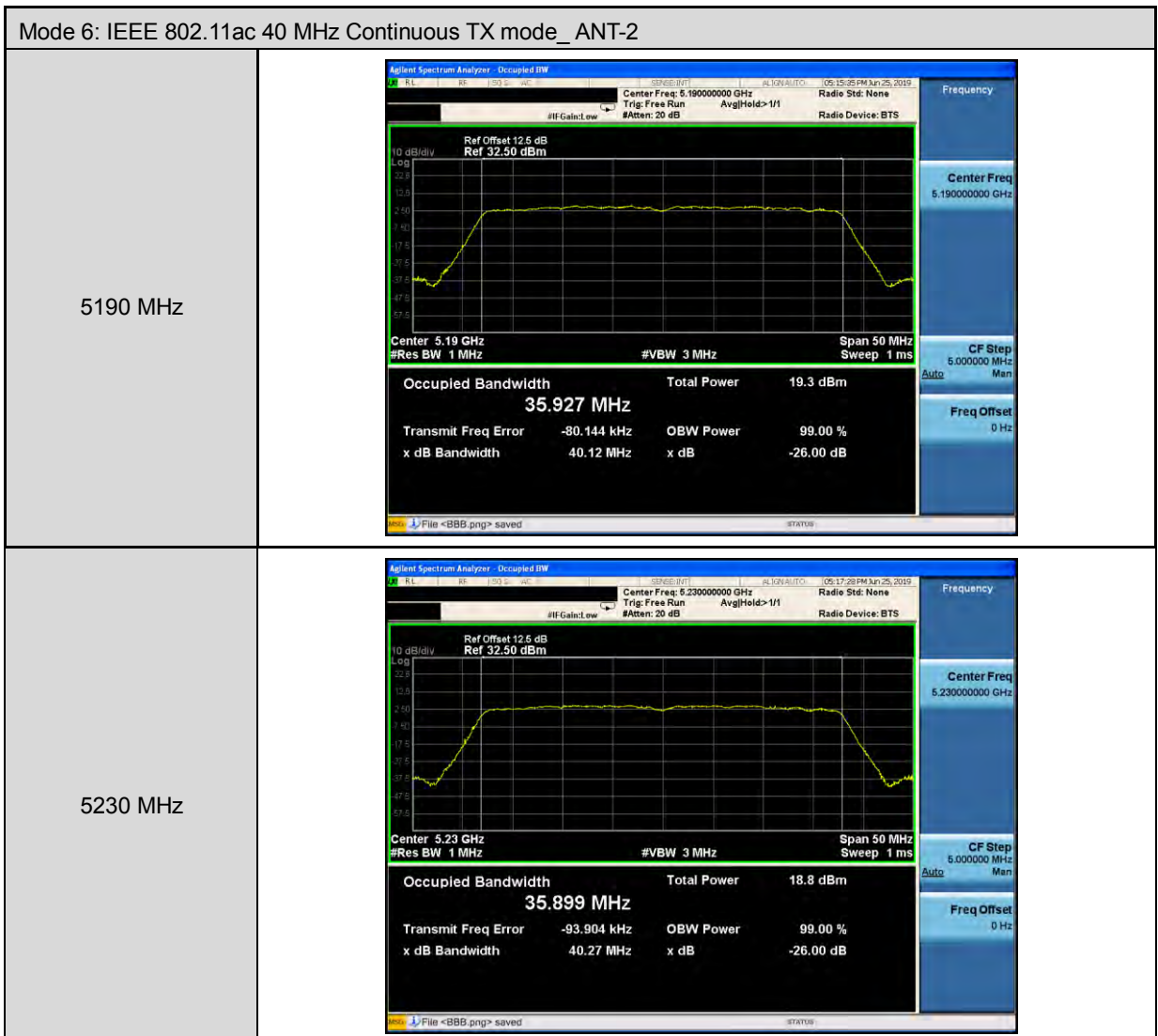


Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1





Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-2													
5180 MHz	<p>Center Freq: 5.18000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 30 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.601 MHz</td><td>Total Power</td><td>18.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-95.673 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.52 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	17.601 MHz	Total Power	18.3 dBm	Transmit Freq Error	-95.673 kHz	OBW Power	99.00 %	x dB Bandwidth	20.52 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.601 MHz	Total Power	18.3 dBm										
Transmit Freq Error	-95.673 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.52 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Freq: 5.20000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 30 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.610 MHz</td><td>Total Power</td><td>18.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-102.01 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.49 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	17.610 MHz	Total Power	18.1 dBm	Transmit Freq Error	-102.01 kHz	OBW Power	99.00 %	x dB Bandwidth	20.49 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.610 MHz	Total Power	18.1 dBm										
Transmit Freq Error	-102.01 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.49 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Freq: 5.24000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 30 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>17.613 MHz</td><td>Total Power</td><td>17.4 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-97.367 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.66 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	17.613 MHz	Total Power	17.4 dBm	Transmit Freq Error	-97.367 kHz	OBW Power	99.00 %	x dB Bandwidth	20.66 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.613 MHz	Total Power	17.4 dBm										
Transmit Freq Error	-97.367 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.66 MHz	x dB	-26.00 dB										

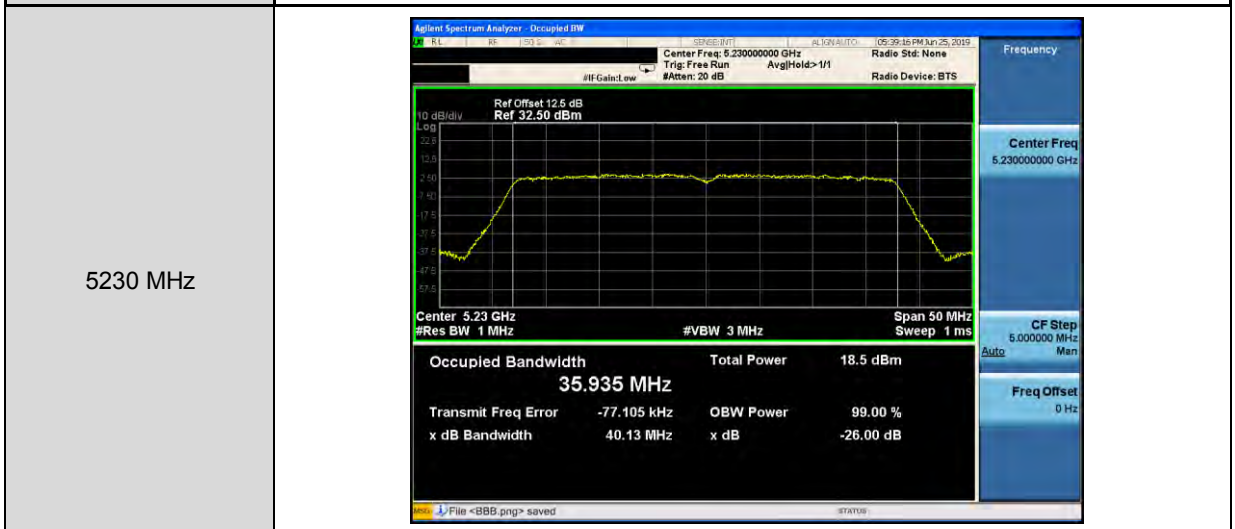
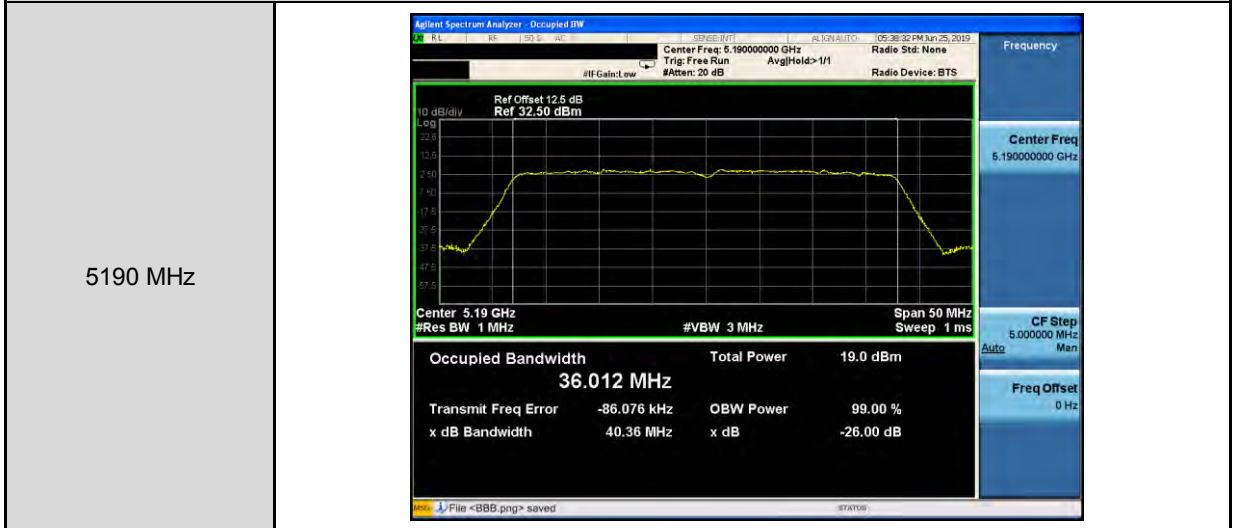




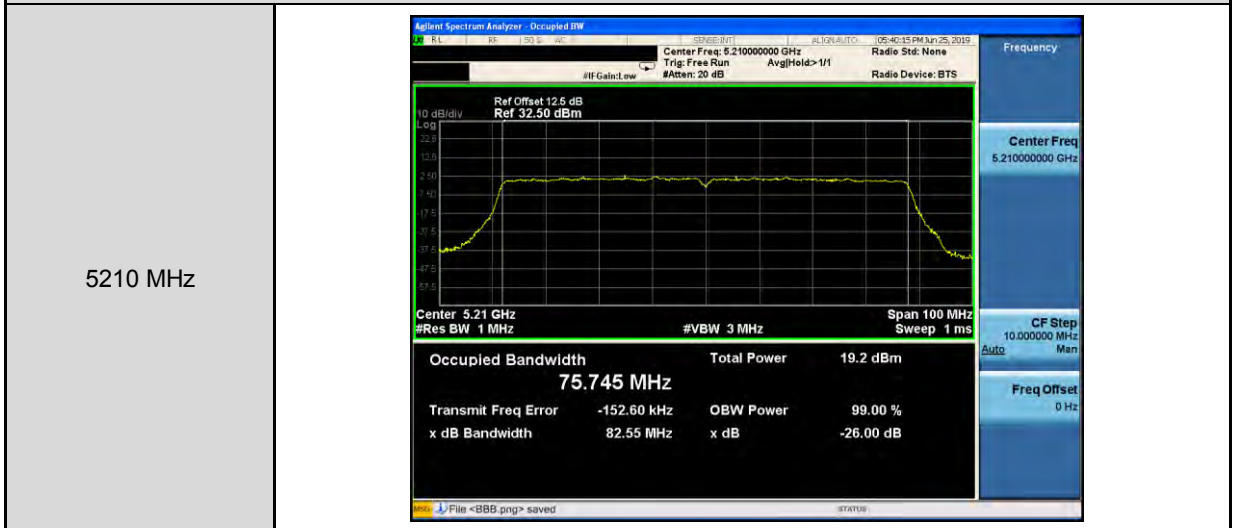
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-3	
5180 MHz	<p>Center Freq: 5.18000000 GHz</p> <p>Occupied Bandwidth: 17.594 MHz</p> <p>Total Power: 18.0 dBm</p> <p>Transmit Freq Error: -97.988 kHz</p> <p>x dB Bandwidth: 20.37 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz</p> <p>Occupied Bandwidth: 17.588 MHz</p> <p>Total Power: 18.2 dBm</p> <p>Transmit Freq Error: -99.515 kHz</p> <p>x dB Bandwidth: 20.34 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz</p> <p>Occupied Bandwidth: 17.594 MHz</p> <p>Total Power: 18.0 dBm</p> <p>Transmit Freq Error: -107.28 kHz</p> <p>x dB Bandwidth: 20.41 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-3



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-3





6 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5745	16320	16340	16350	16340	≥ 500
5785	16330	16350	16350	16330	≥ 500
5825	16320	16340	16350	16340	≥ 500

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5745	17260	17580	17560	17570	≥ 500
5785	17300	17570	17320	17340	≥ 500
5825	17550	16940	17160	16950	≥ 500

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5755	35140	35170	35050	35120	≥ 500
5795	35160	35150	35160	35120	≥ 500

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5775	76230	75900	76310	76300	≥ 500



Beamforming on

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5745	17230	17330	17550	17560	≥ 500
5785	17320	16940	17540	17540	≥ 500
5825	16980	16630	17140	17150	≥ 500

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5755	35160	35150	35140	35150	≥ 500
5795	35150	35140	35160	35120	≥ 500

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode				
Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
5775	75780	75930	75830	75600	≥ 500



■ Test Graphs

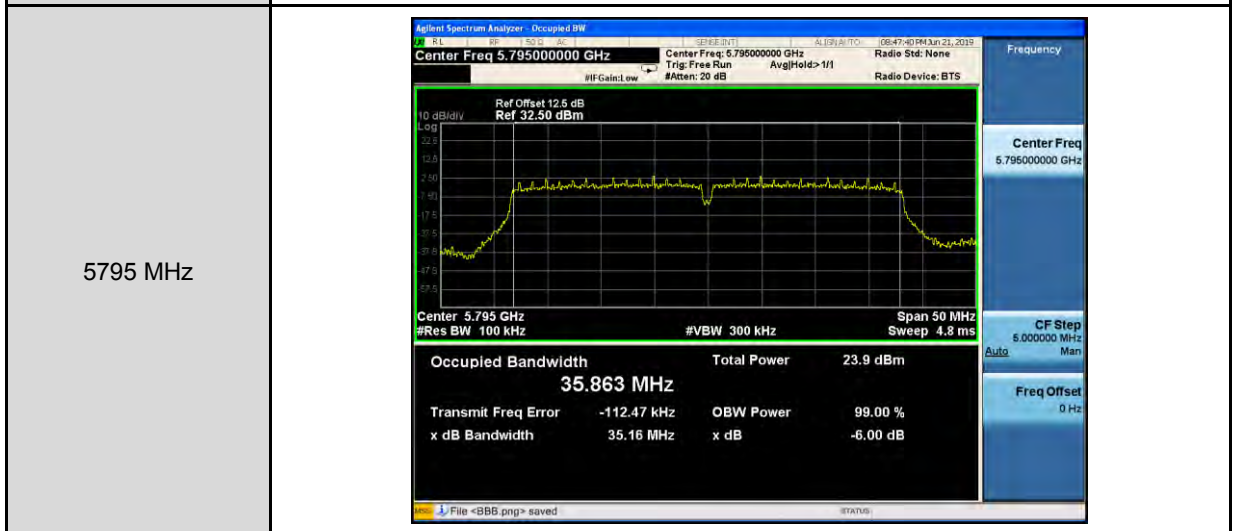
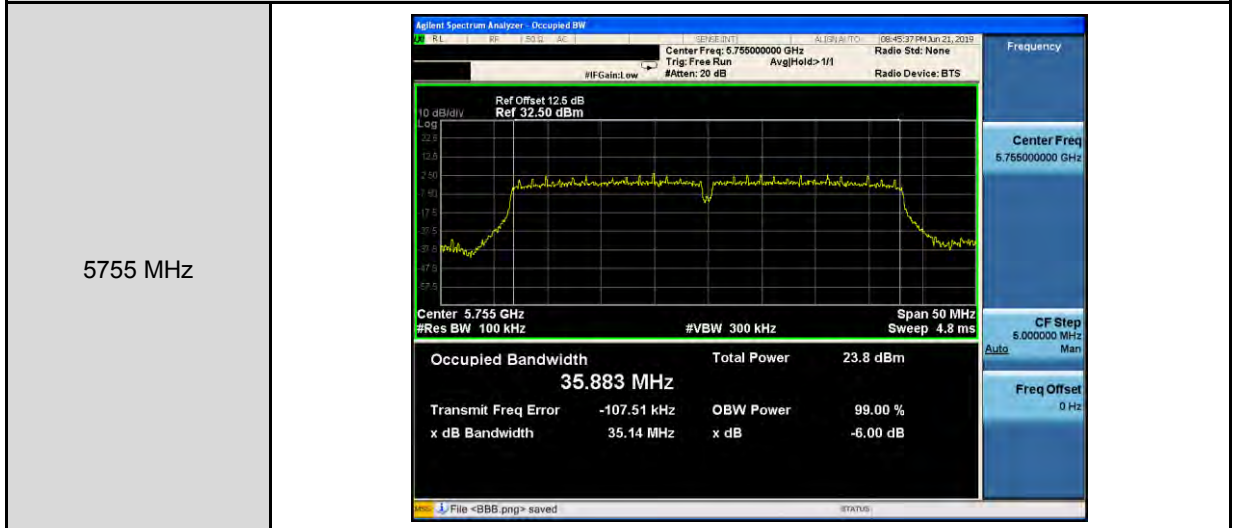
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.374 MHz Total Power 25.4 dBm</p> <p>Transmit Freq Error -106.96 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.32 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.392 MHz Total Power 25.2 dBm</p> <p>Transmit Freq Error -107.98 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.33 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.385 MHz Total Power 25.2 dBm</p> <p>Transmit Freq Error -106.17 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.32 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



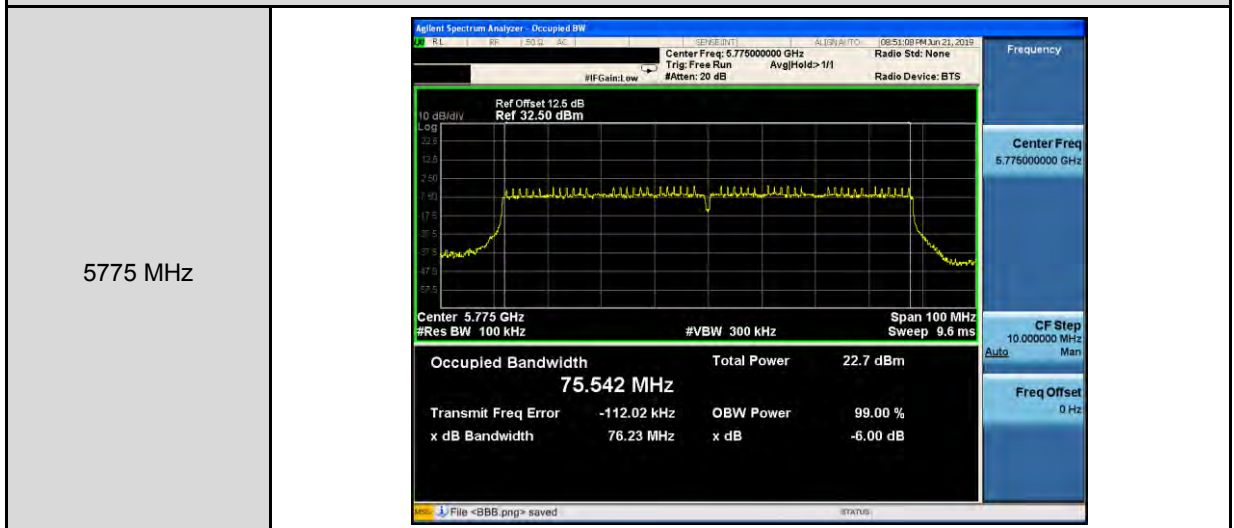
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.598 MHz Total Power 25.1 dBm</p> <p>Transmit Freq Error -105.95 kHz OBW Power 99.00 % x dB Bandwidth 17.26 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.78500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.586 MHz Total Power 25.1 dBm</p> <p>Transmit Freq Error -102.07 kHz OBW Power 99.00 % x dB Bandwidth 17.30 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.82500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.596 MHz Total Power 24.9 dBm</p> <p>Transmit Freq Error -100.95 kHz OBW Power 99.00 % x dB Bandwidth 17.55 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0





Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.369 MHz Total Power 24.1 dBm</p> <p>Transmit Freq Error -109.23 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.34 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.78500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.366 MHz Total Power 25.2 dBm</p> <p>Transmit Freq Error -103.75 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.35 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.82500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.375 MHz Total Power 26.2 dBm</p> <p>Transmit Freq Error -102.37 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.34 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.603 MHz</p> <p>Total Power 24.0 dBm</p> <p>Transmit Freq Error -97.650 kHz OBW Power 99.00 % x dB Bandwidth 17.58 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.78500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.571 MHz</p> <p>Total Power 23.7 dBm</p> <p>Transmit Freq Error -102.94 kHz OBW Power 99.00 % x dB Bandwidth 17.57 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.82500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.565 MHz</p> <p>Total Power 24.9 dBm</p> <p>Transmit Freq Error -102.28 kHz OBW Power 99.00 % x dB Bandwidth 16.94 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1

5755 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.75500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 35.876 MHz Total Power 23.0 dBm</p> <p>Transmit Freq Error -72.880 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 35.17 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5795 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.79500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 35.892 MHz Total Power 24.1 dBm</p> <p>Transmit Freq Error -78.409 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 35.15 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1

5775 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.77500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.775 GHz #Res BW 100 kHz #VBW 300 kHz Span 100 MHz Sweep 9.6 ms</p> <p>Occupied Bandwidth 75.578 MHz Total Power 24.4 dBm</p> <p>Transmit Freq Error -1.090 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 75.90 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
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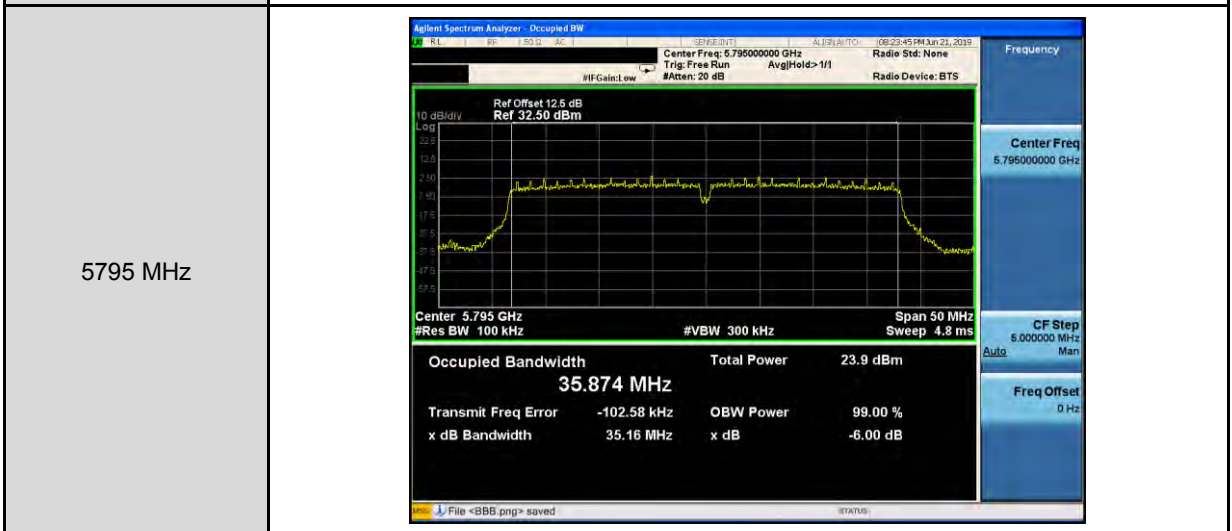
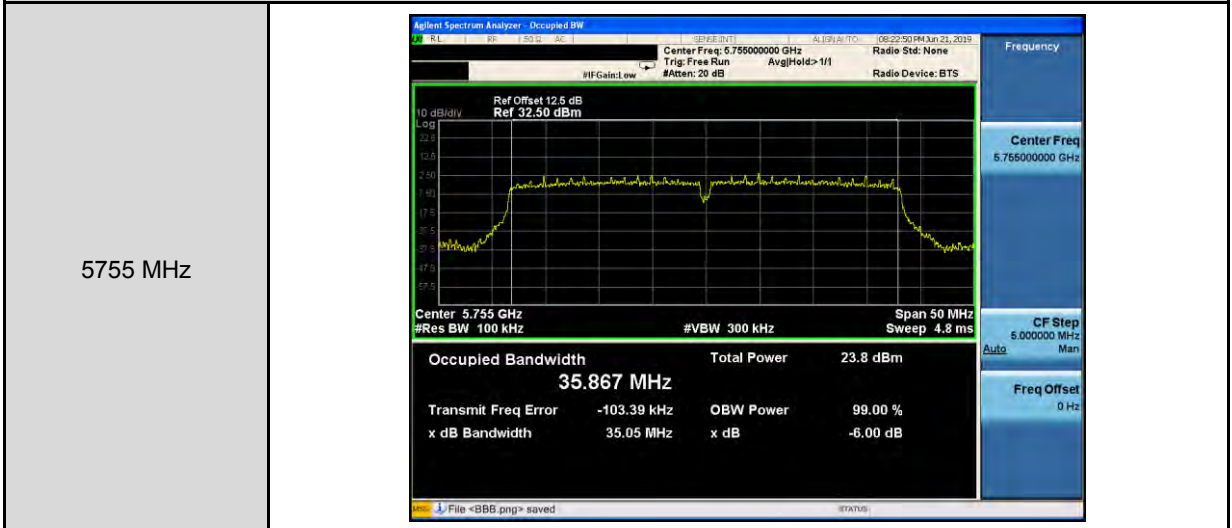
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.371 MHz Total Power 25.5 dBm</p> <p>Transmit Freq Error -106.60 kHz OBW Power 99.00 % x dB Bandwidth 16.35 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.374 MHz Total Power 25.7 dBm</p> <p>Transmit Freq Error -97.767 kHz OBW Power 99.00 % x dB Bandwidth 16.35 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.370 MHz Total Power 25.7 dBm</p> <p>Transmit Freq Error -98.909 kHz OBW Power 99.00 % x dB Bandwidth 16.35 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



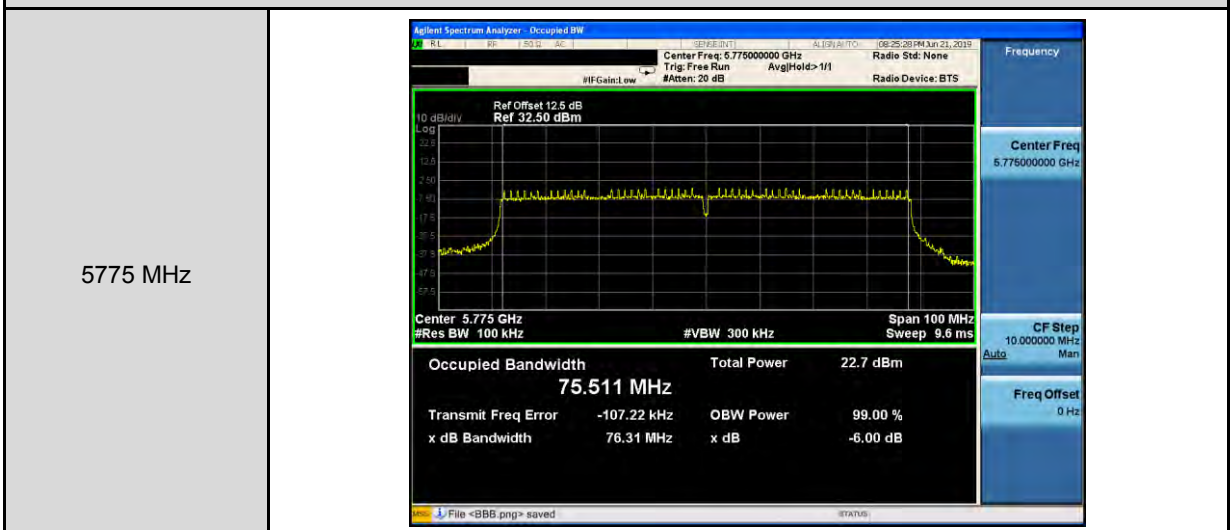
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74500000 GHz</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.561 MHz Total Power 24.6 dBm</p> <p>Transmit Freq Error -105.90 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.56 MHz x dB -6.00 dB</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.78500000 GHz</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.559 MHz Total Power 24.5 dBm</p> <p>Transmit Freq Error -102.14 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.32 MHz x dB -6.00 dB</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.82500000 GHz</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.562 MHz Total Power 24.5 dBm</p> <p>Transmit Freq Error -102.21 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.16 MHz x dB -6.00 dB</p>



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-2



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-2





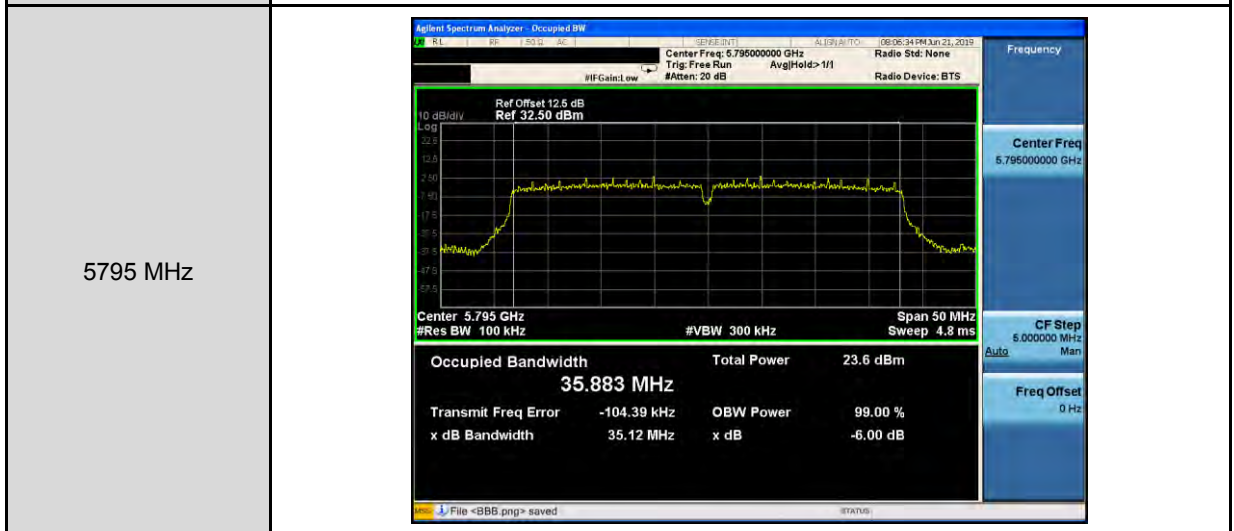
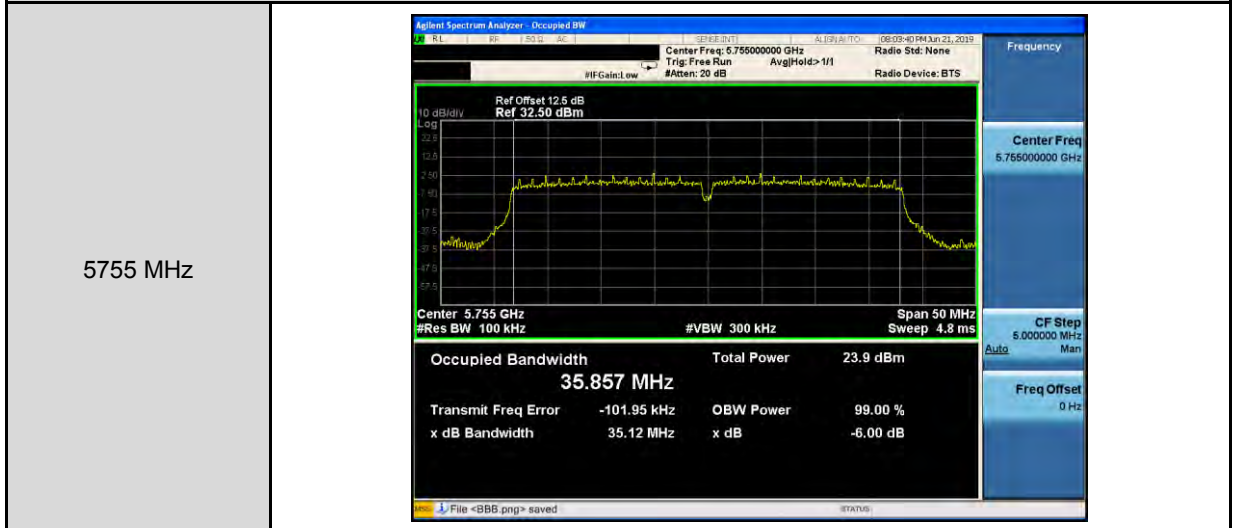
Mode 2: IEEE 802.11a Continuous TX mode_ANT-3	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.382 MHz Total Power 25.1 dBm</p> <p>Transmit Freq Error -106.32 kHz OBW Power 99.00 % x dB Bandwidth 16.34 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.374 MHz Total Power 25.1 dBm</p> <p>Transmit Freq Error -106.38 kHz OBW Power 99.00 % x dB Bandwidth 16.33 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold>1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.366 MHz Total Power 25.0 dBm</p> <p>Transmit Freq Error -106.86 kHz OBW Power 99.00 % x dB Bandwidth 16.34 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.584 MHz Total Power 24.0 dBm</p> <p>Transmit Freq Error -113.63 kHz OBW Power 99.00 % x dB Bandwidth 17.57 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.78500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.573 MHz Total Power 24.2 dBm</p> <p>Transmit Freq Error -111.84 kHz OBW Power 99.00 % x dB Bandwidth 17.34 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.82500000 GHz Trig: Free Run #IFGain: Low #Atten: 20 dB Avg Hold> 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 12.5 dB Ref 32.50 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.570 MHz Total Power 24.1 dBm</p> <p>Transmit Freq Error -108.59 kHz OBW Power 99.00 % x dB Bandwidth 16.95 MHz x dB -6.00 dB</p> <p>File <BBB.png> saved</p>



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-3



Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-3

