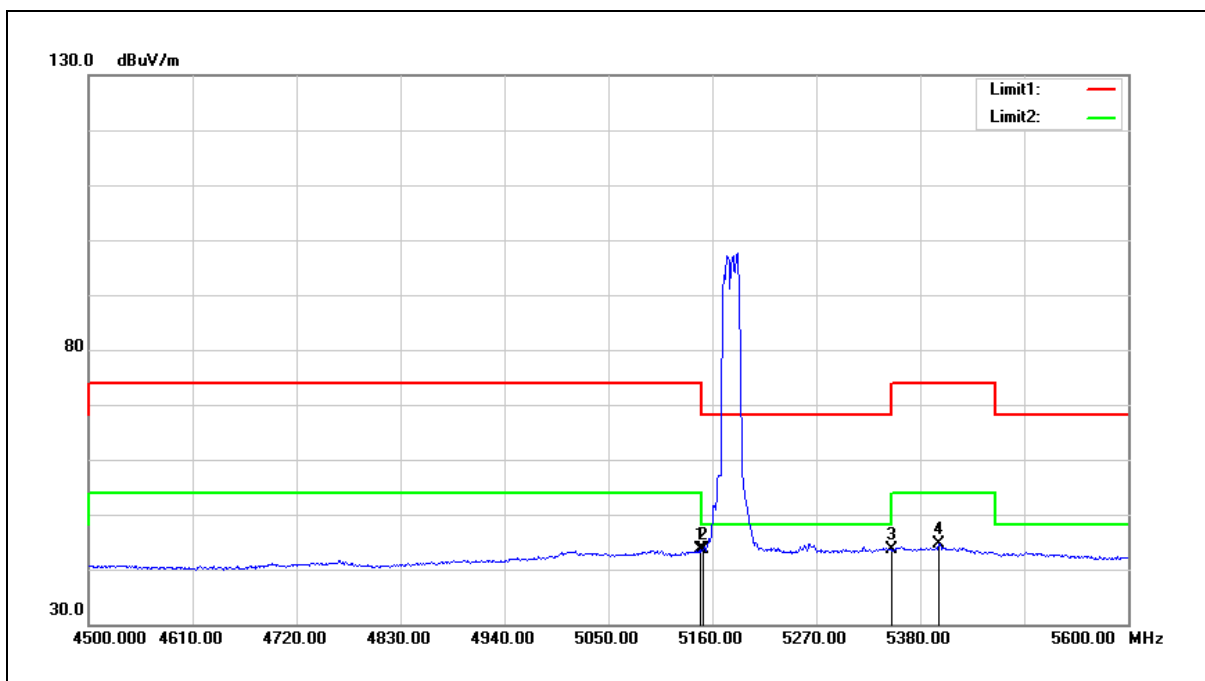


Average

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



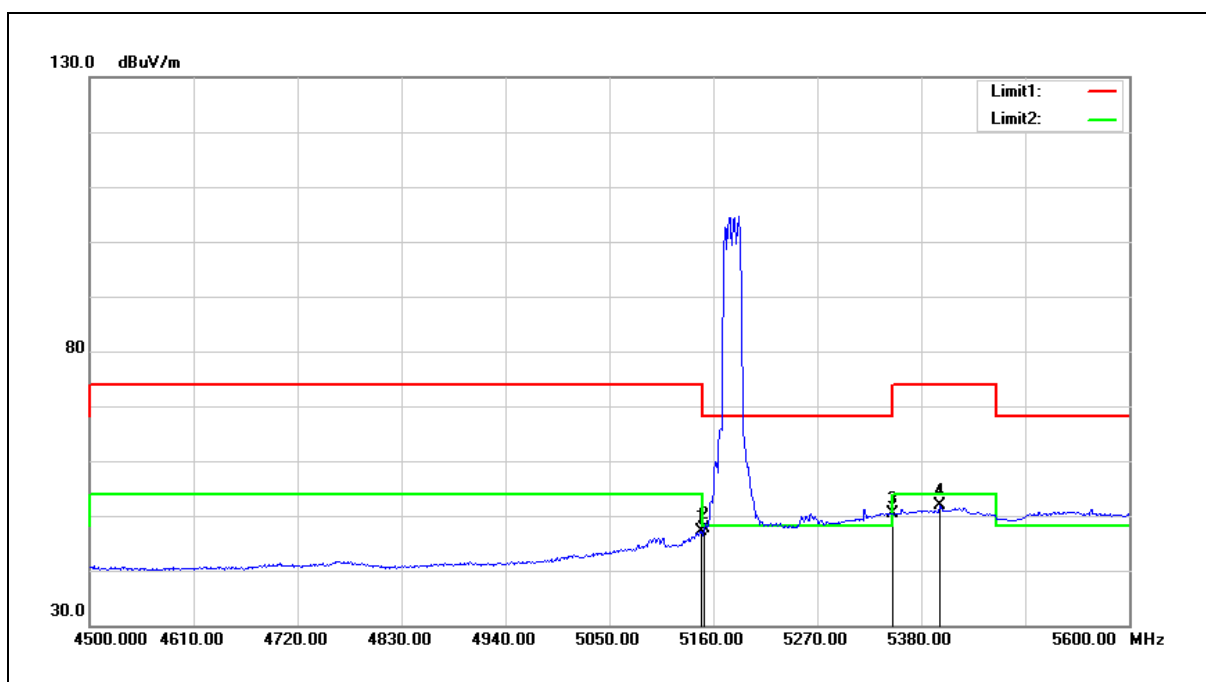
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	43.59	-0.08	43.51	54.00	-10.49	AVG
2	5150.000	43.75	-0.08	43.67	54.00	-10.33	AVG
3	5350.000	43.29	0.30	43.59	54.00	-10.41	AVG
4	5399.800	44.23	0.39	44.62	54.00	-9.38	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



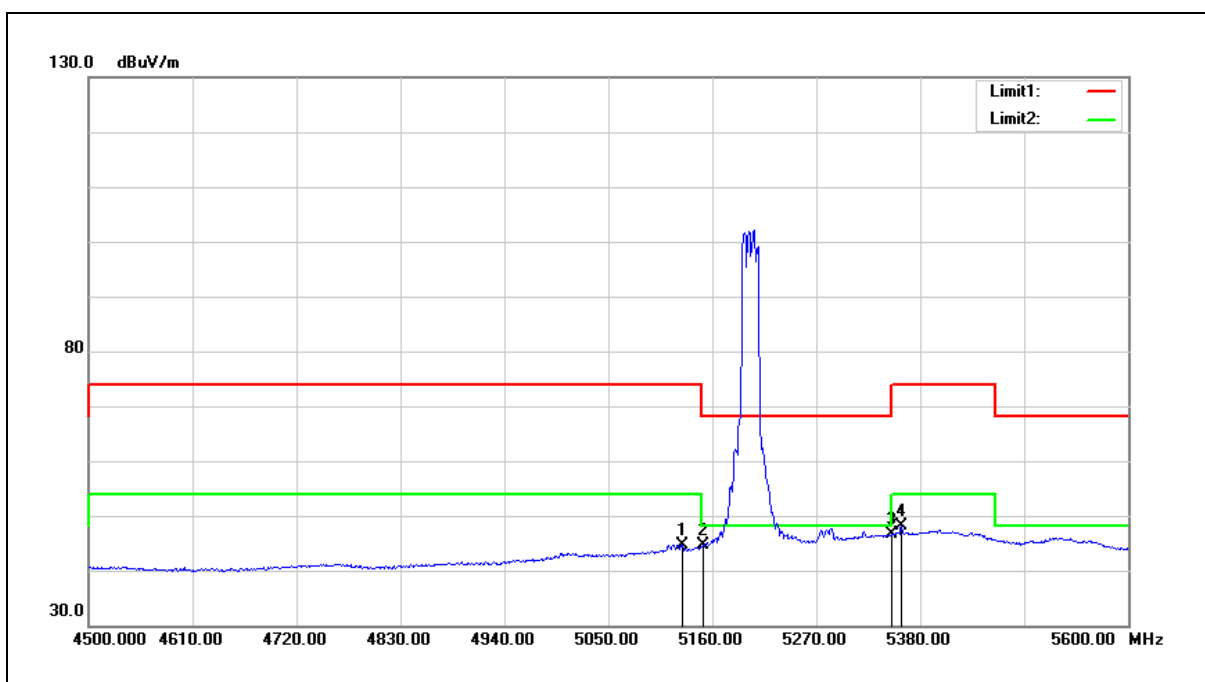
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	47.14	-0.08	47.06	54.00	-6.94	AVG
2	5150.000	47.67	-0.08	47.59	54.00	-6.41	AVG
3	5350.000	50.02	0.30	50.32	54.00	-3.68	AVG
4	5399.800	51.52	0.39	51.91	54.00	-2.09	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



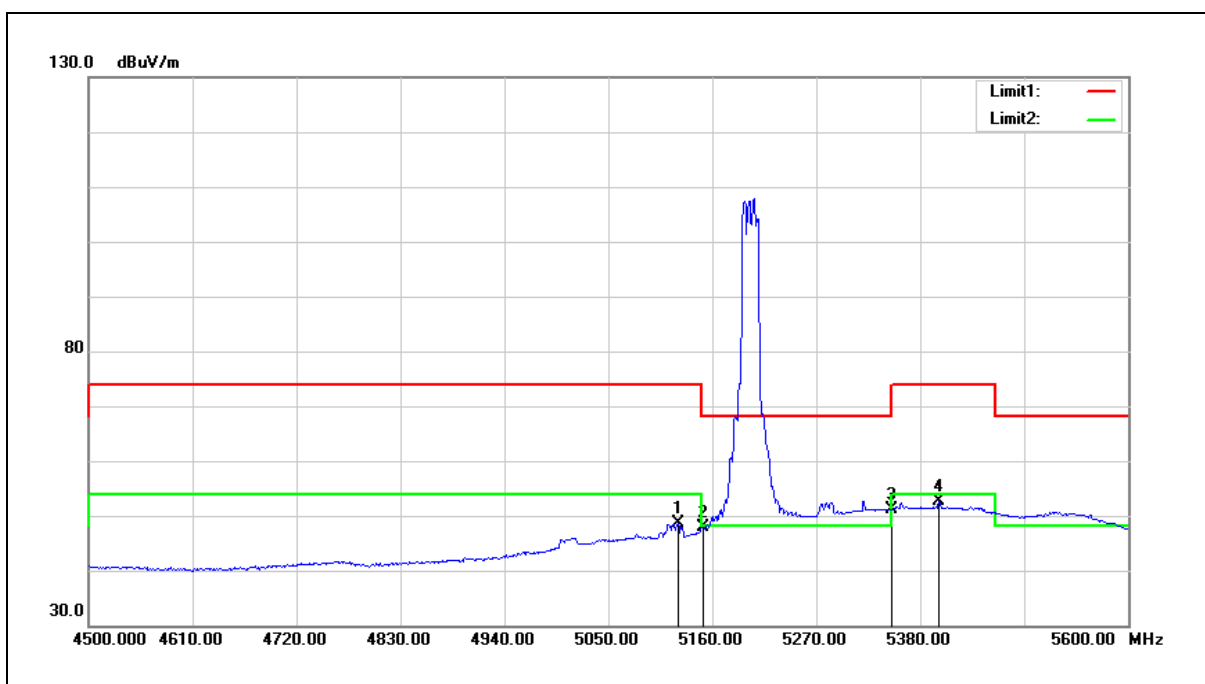
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	44.87	-0.13	44.74	54.00	-9.26	AVG
2	5150.000	44.72	-0.08	44.64	54.00	-9.36	AVG
3	5350.000	46.23	0.30	46.53	54.00	-7.47	AVG
4	5360.200	47.76	0.31	48.07	54.00	-5.93	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



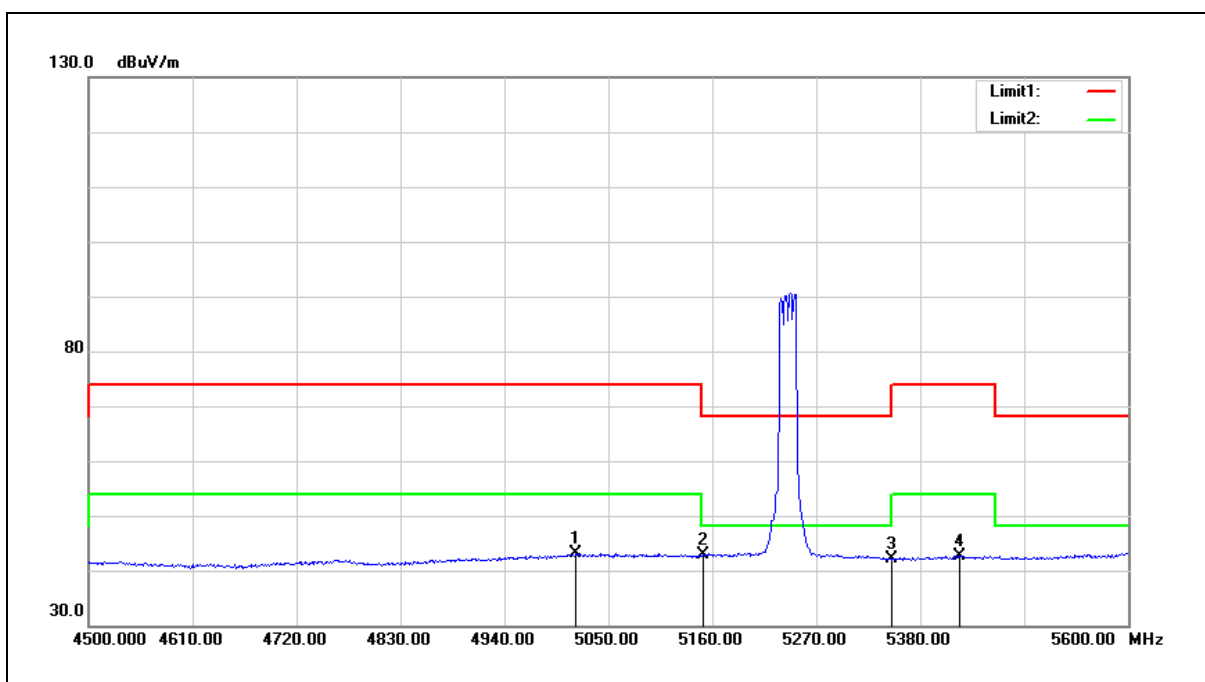
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5123.700	48.67	-0.13	48.54	54.00	-5.46	AVG
2	5150.000	47.98	-0.08	47.90	54.00	-6.10	AVG
3	5350.000	50.90	0.30	51.20	54.00	-2.80	AVG
4	5399.800	52.15	0.39	52.54	54.00	-1.46	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



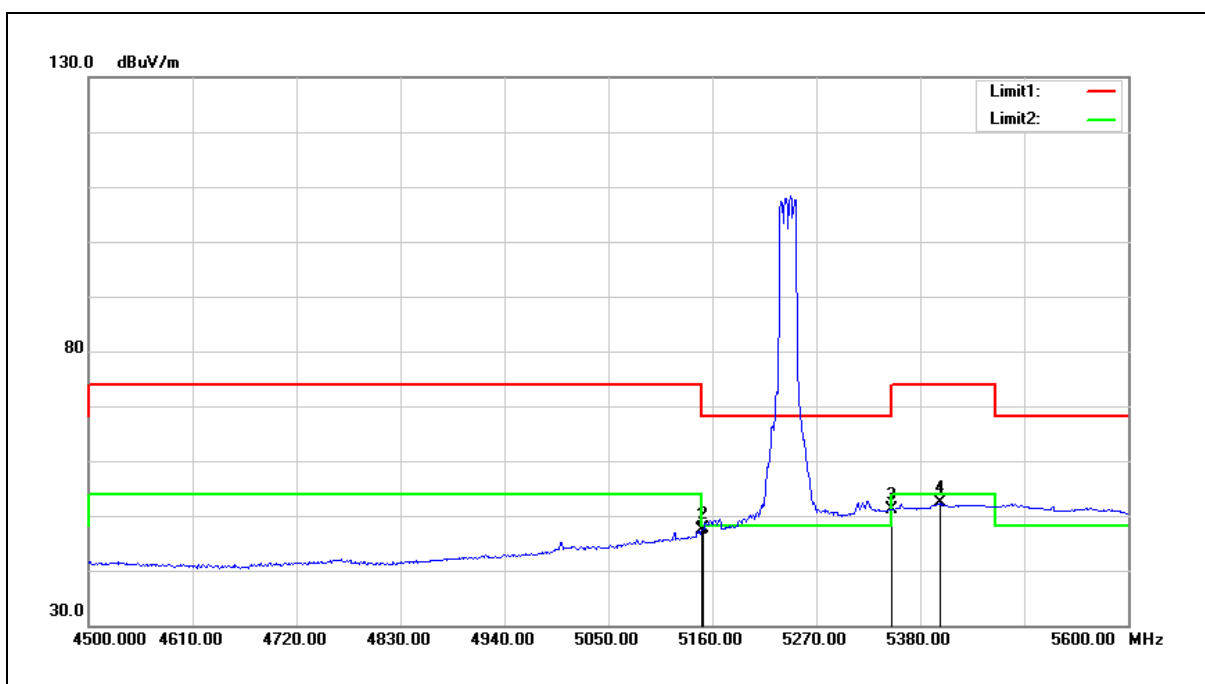
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5015.900	43.43	-0.33	43.10	54.00	-10.90	AVG
2	5150.000	42.84	-0.08	42.76	54.00	-11.24	AVG
3	5350.000	41.85	0.30	42.15	54.00	-11.85	AVG
4	5421.800	42.23	0.43	42.66	54.00	-11.34	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



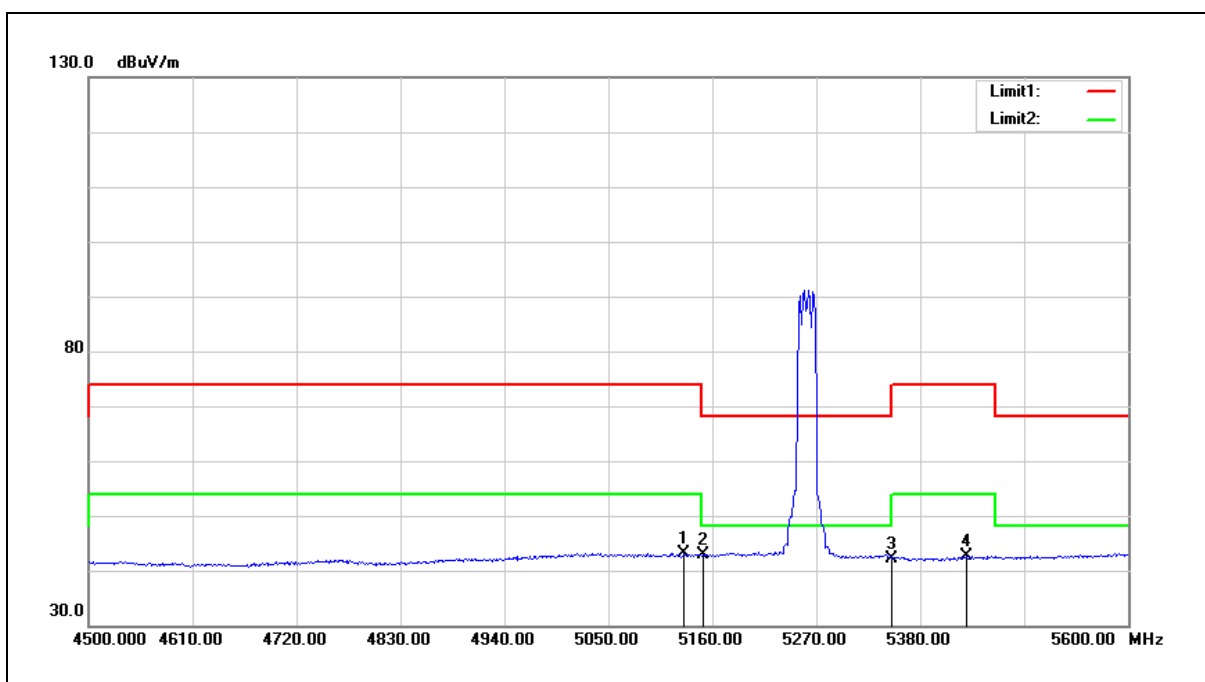
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	47.51	-0.08	47.43	54.00	-6.57	AVG
2	5150.000	47.60	-0.08	47.52	54.00	-6.48	AVG
3	5350.000	50.89	0.30	51.19	54.00	-2.81	AVG
4	5400.900	52.07	0.39	52.46	54.00	-1.54	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



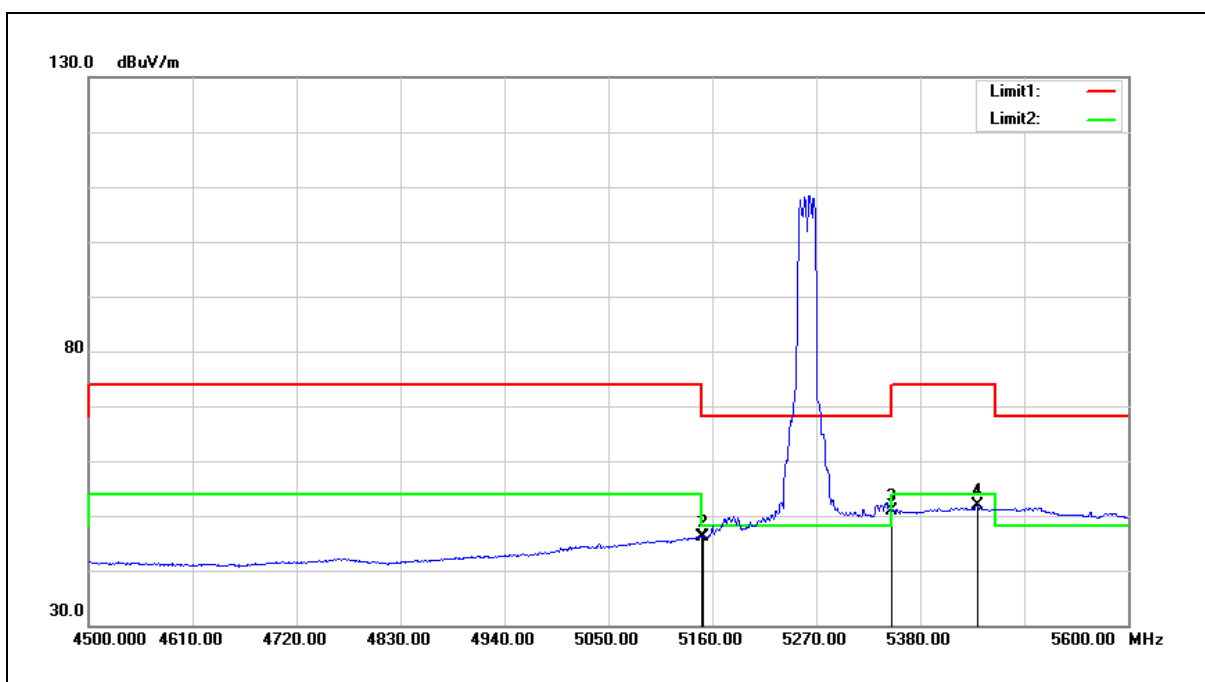
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5130.300	43.29	-0.12	43.17	54.00	-10.83	AVG
2	5150.000	42.90	-0.08	42.82	54.00	-11.18	AVG
3	5350.000	41.88	0.30	42.18	54.00	-11.82	AVG
4	5429.500	42.20	0.44	42.64	54.00	-11.36	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



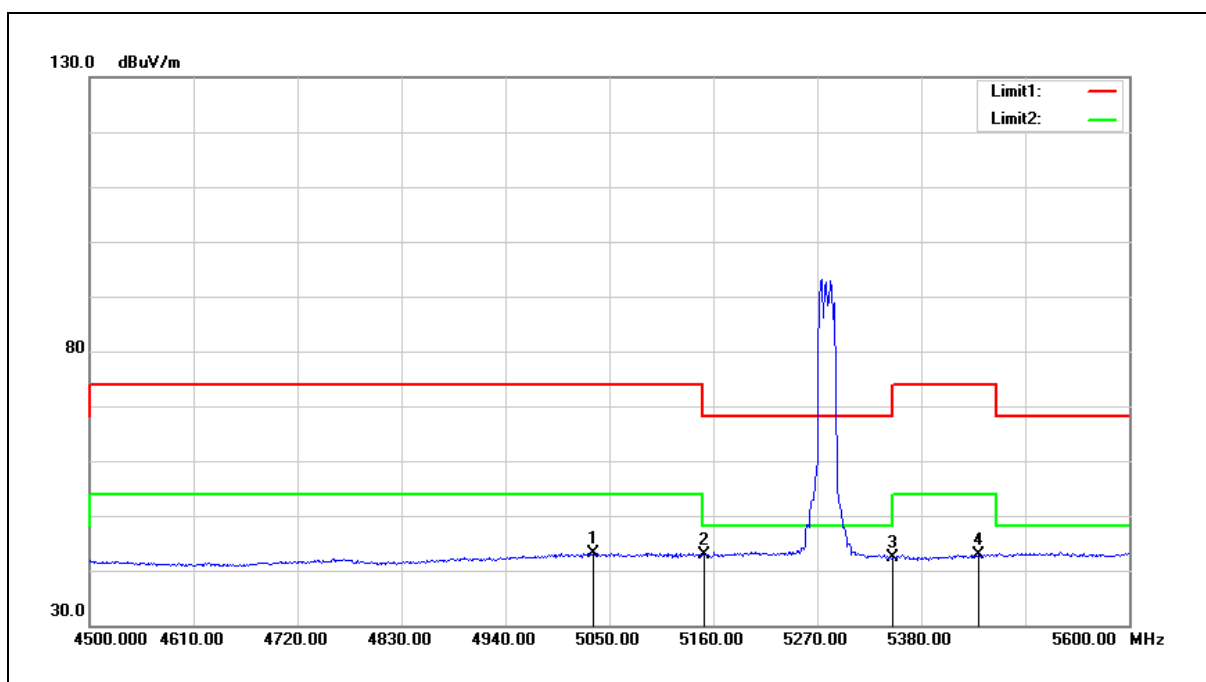
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	46.22	-0.08	46.14	54.00	-7.86	AVG
2	5150.000	46.20	-0.08	46.12	54.00	-7.88	AVG
3	5350.000	50.69	0.30	50.99	54.00	-3.01	AVG
4	5440.500	51.52	0.46	51.98	54.00	-2.02	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



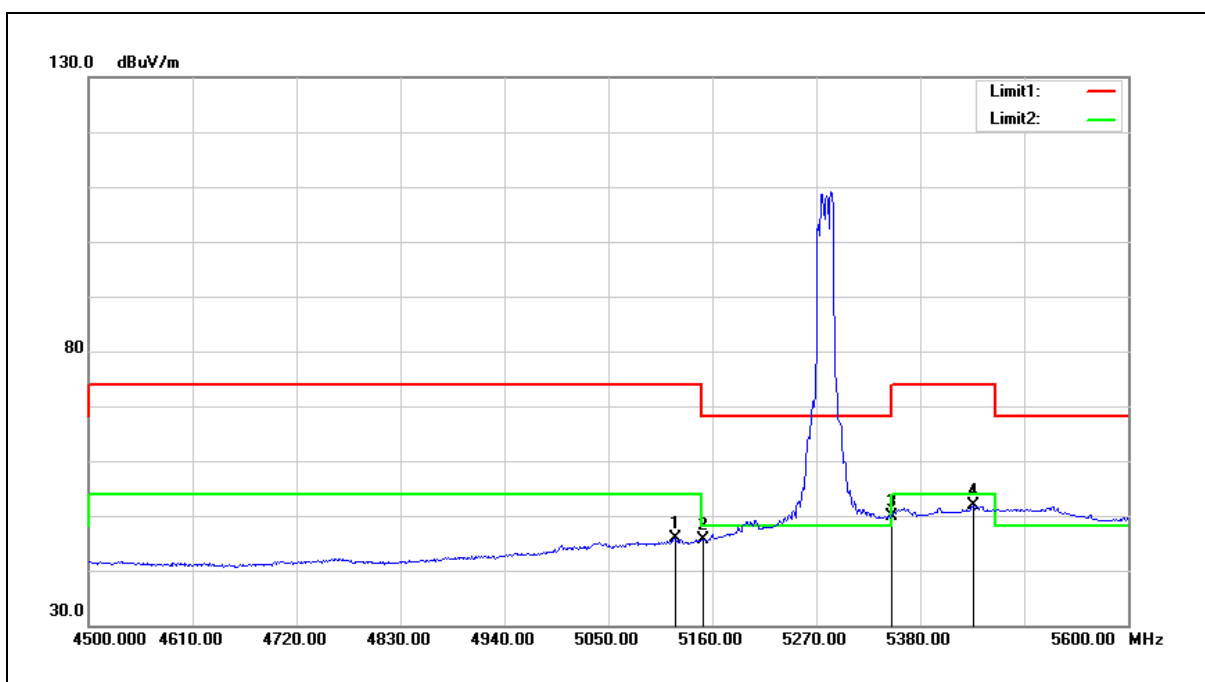
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5033.500	43.43	-0.30	43.13	54.00	-10.87	AVG
2	5150.000	42.98	-0.08	42.90	54.00	-11.10	AVG
3	5350.000	42.04	0.30	42.34	54.00	-11.66	AVG
4	5440.500	42.53	0.46	42.99	54.00	-11.01	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



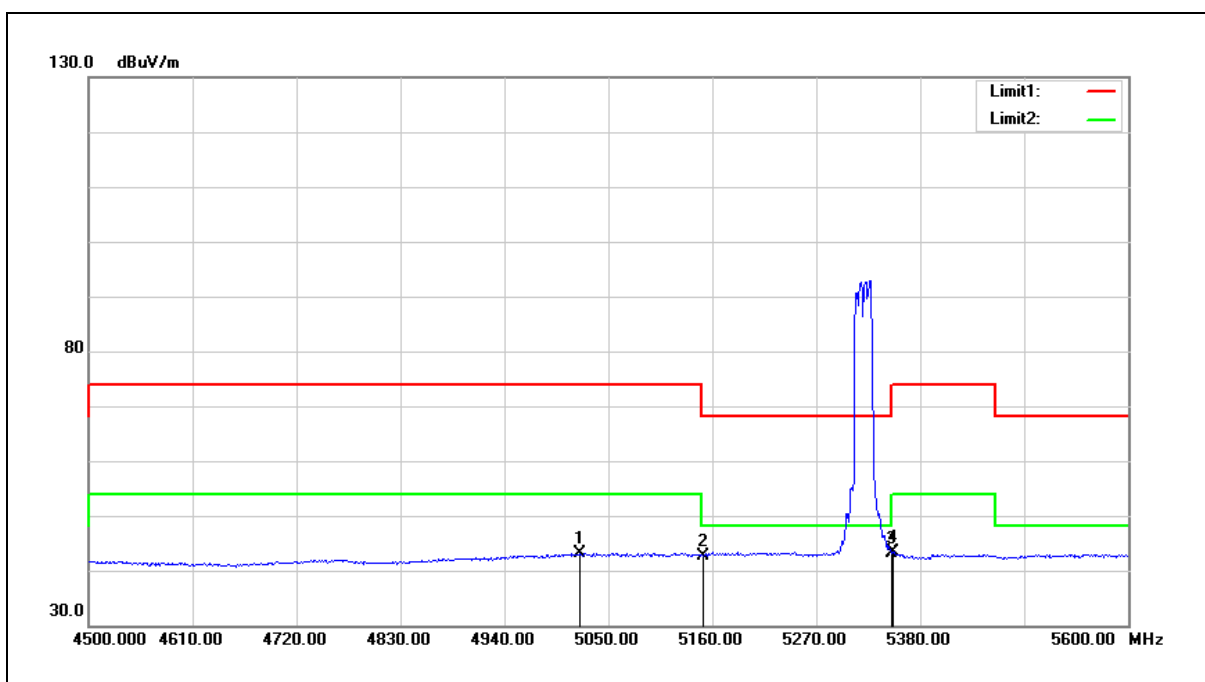
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	46.01	-0.13	45.88	54.00	-8.12	AVG
2	5150.000	45.63	-0.08	45.55	54.00	-8.45	AVG
3	5350.000	49.54	0.30	49.84	54.00	-4.16	AVG
4	5436.100	51.34	0.46	51.80	54.00	-2.20	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



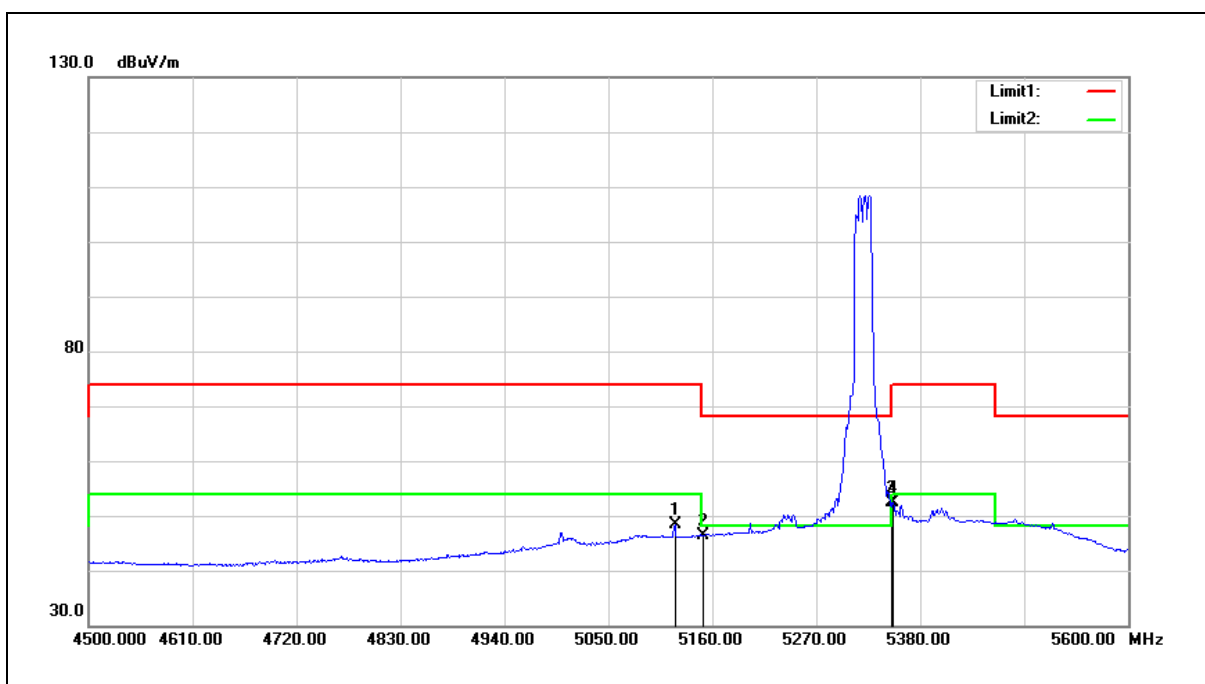
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5020.300	43.54	-0.32	43.22	54.00	-10.78	AVG
2	5150.000	42.78	-0.08	42.70	54.00	-11.30	AVG
3	5350.000	42.81	0.30	43.11	54.00	-10.89	AVG
4	5351.400	43.08	0.30	43.38	54.00	-10.62	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



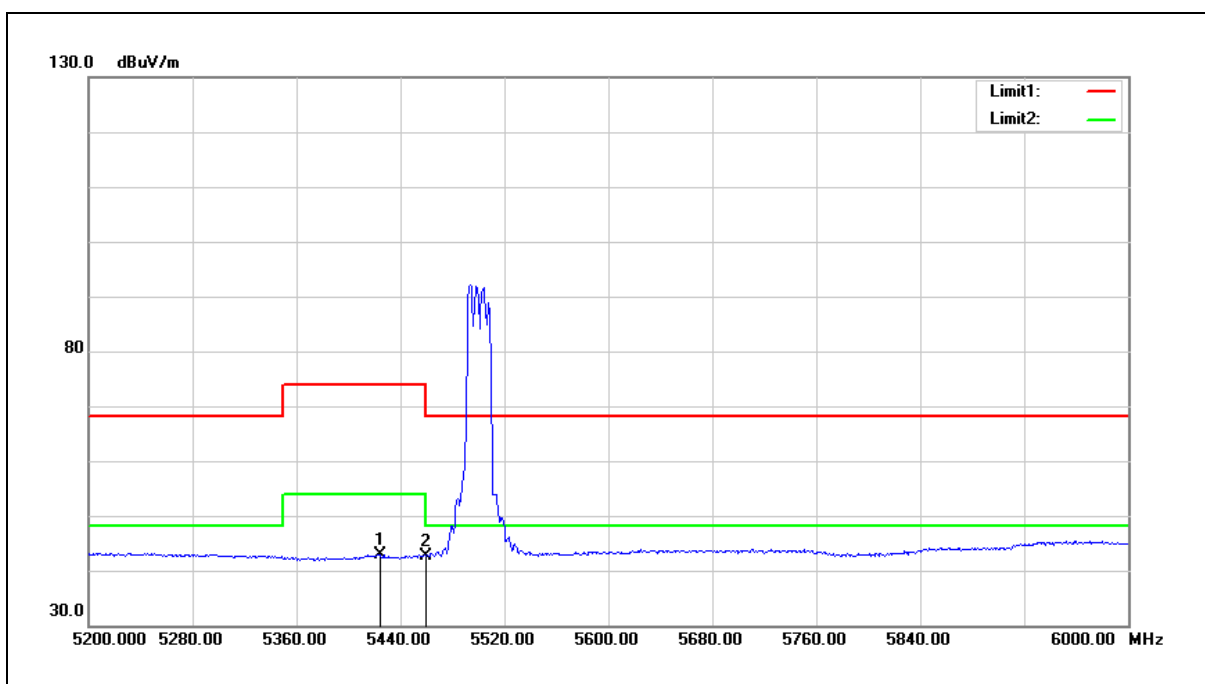
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	48.47	-0.13	48.34	54.00	-5.66	AVG
2	5150.000	46.51	-0.08	46.43	54.00	-7.57	AVG
3	5350.000	52.12	0.30	52.42	54.00	-1.58	AVG
4	5351.400	52.12	0.30	52.42	54.00	-1.58	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



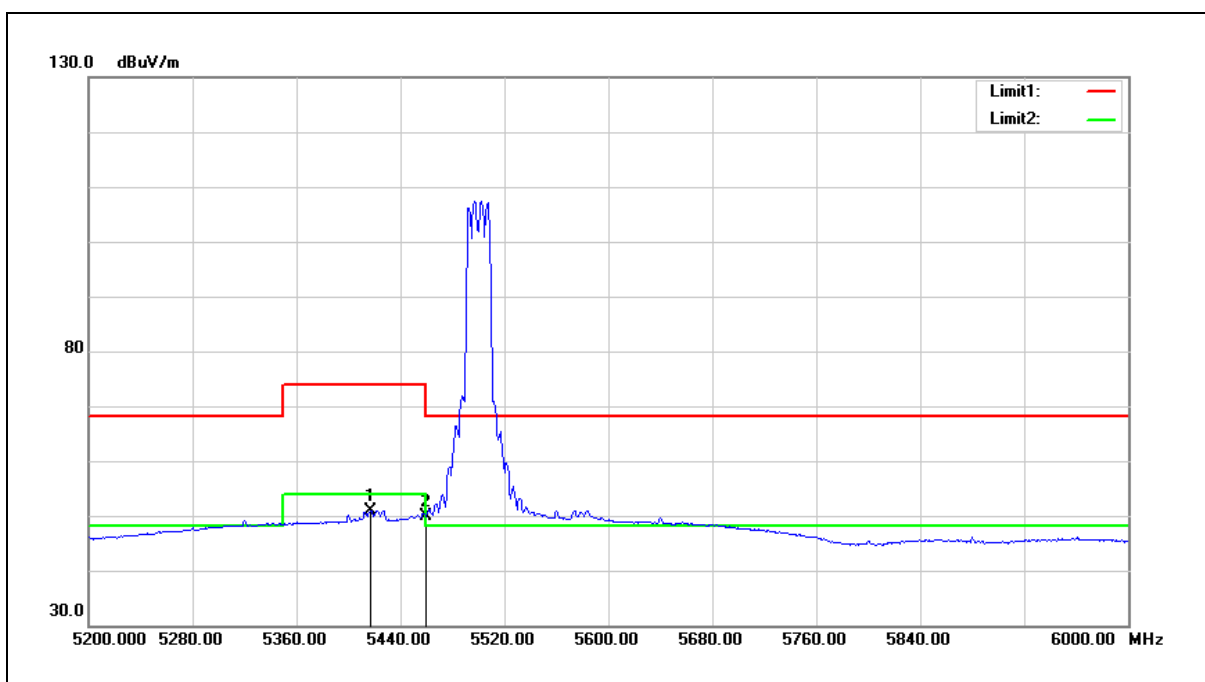
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5424.000	42.50	0.43	42.93	54.00	-11.07	AVG
2	5460.000	42.23	0.51	42.74	54.00	-11.26	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



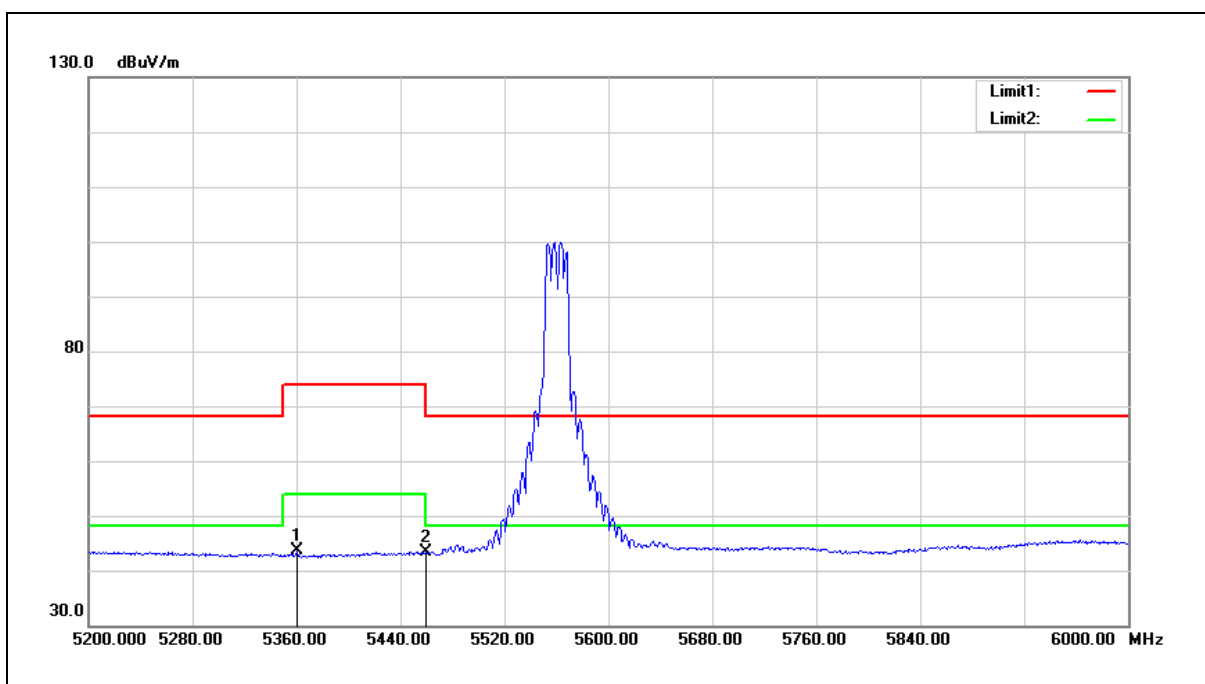
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5416.800	50.58	0.41	50.99	54.00	-3.01	AVG
2	5460.000	49.47	0.51	49.98	54.00	-4.02	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



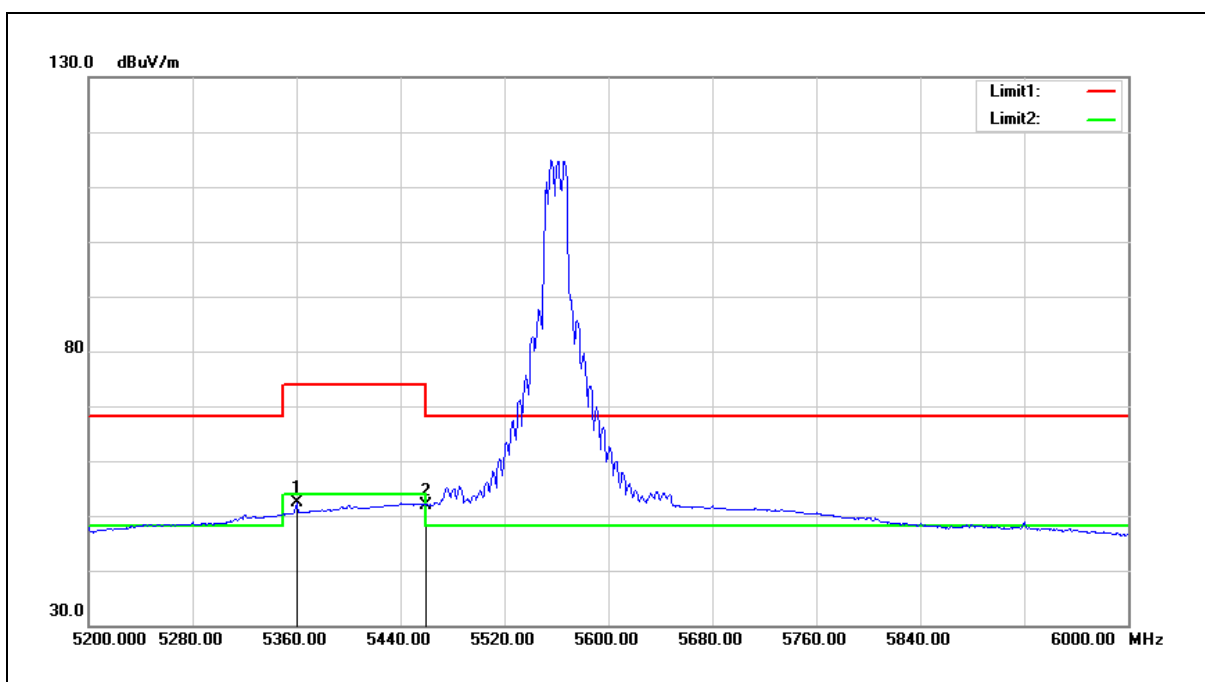
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5360.000	43.25	0.31	43.56	54.00	-10.44	AVG
2	5460.000	42.76	0.51	43.27	54.00	-10.73	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



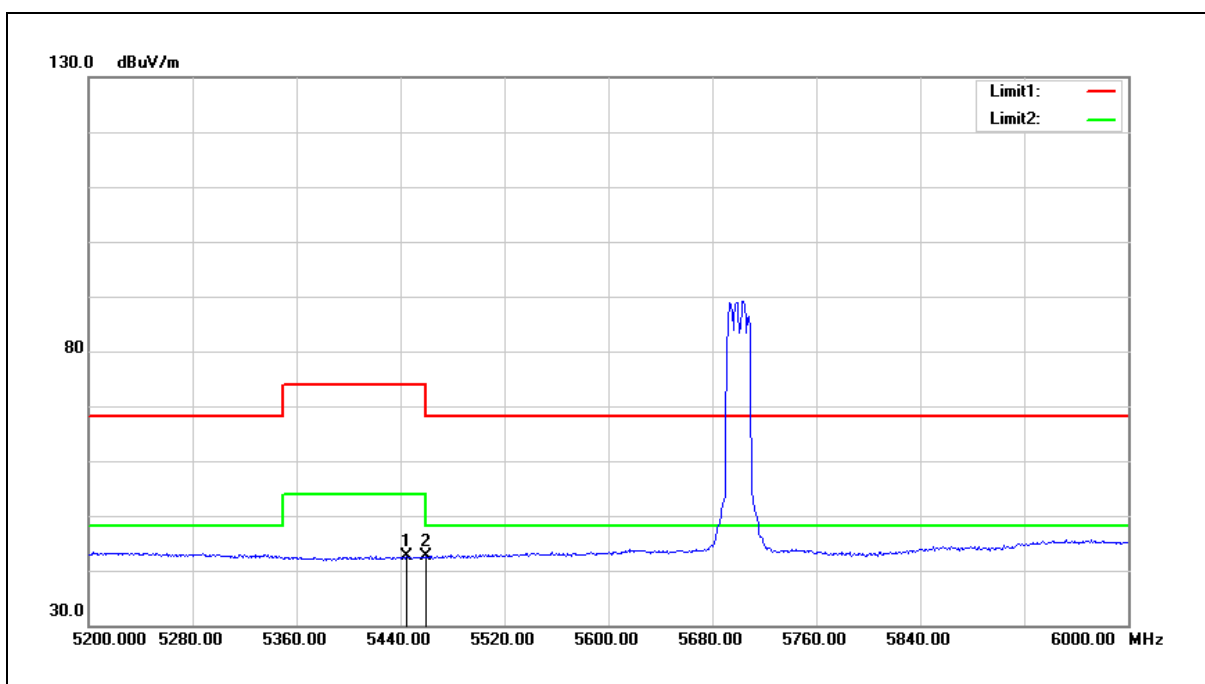
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5360.000	52.13	0.31	52.44	54.00	-1.56	AVG
2	5460.000	51.45	0.51	51.96	54.00	-2.04	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



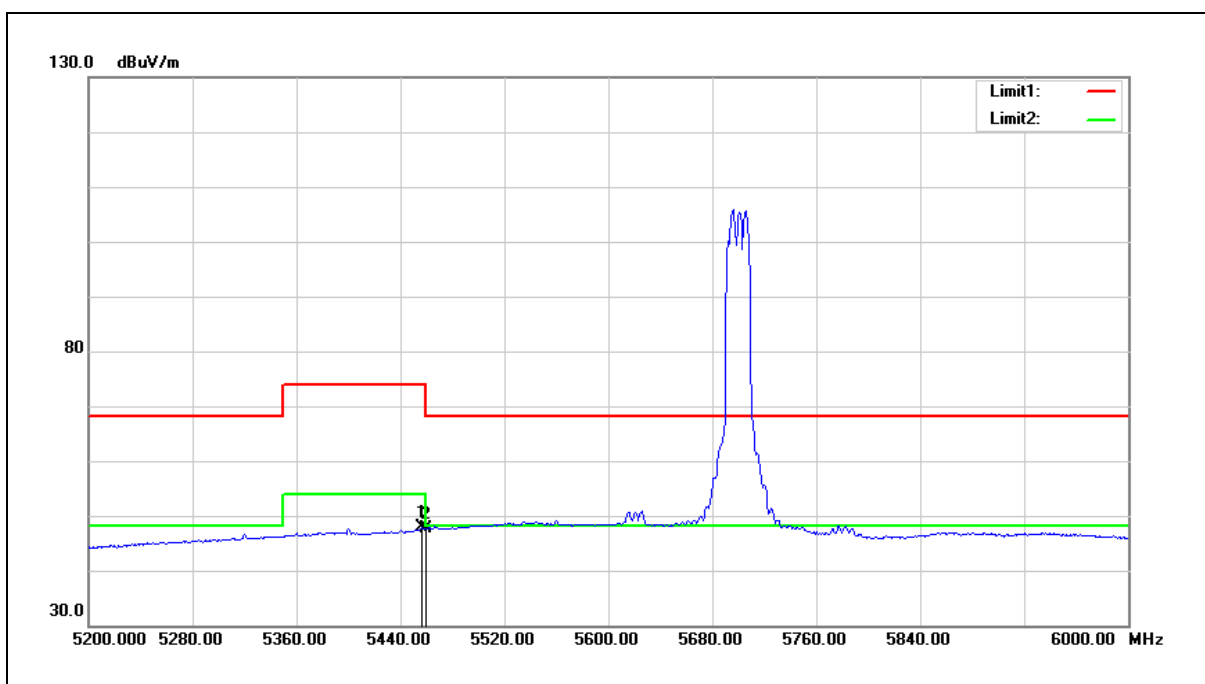
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5444.800	42.07	0.47	42.54	54.00	-11.46	AVG
2	5460.000	42.04	0.51	42.55	54.00	-11.45	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



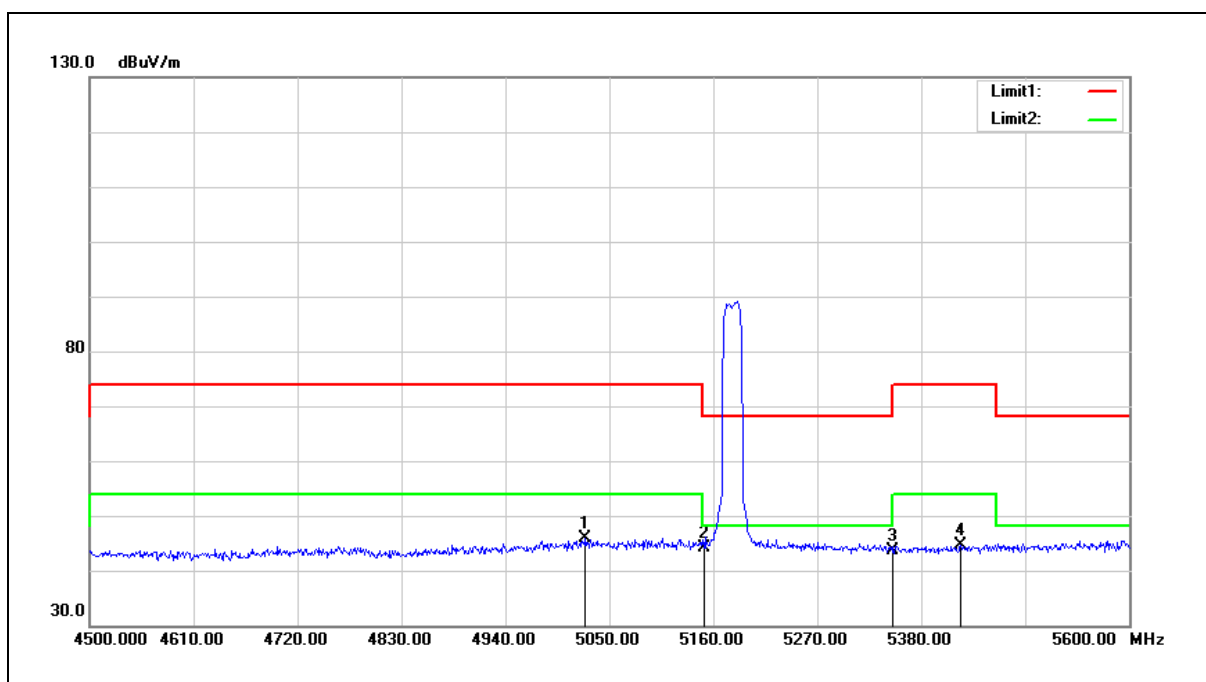
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.800	47.27	0.50	47.77	54.00	-6.23	AVG
2	5460.000	47.02	0.51	47.53	54.00	-6.47	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



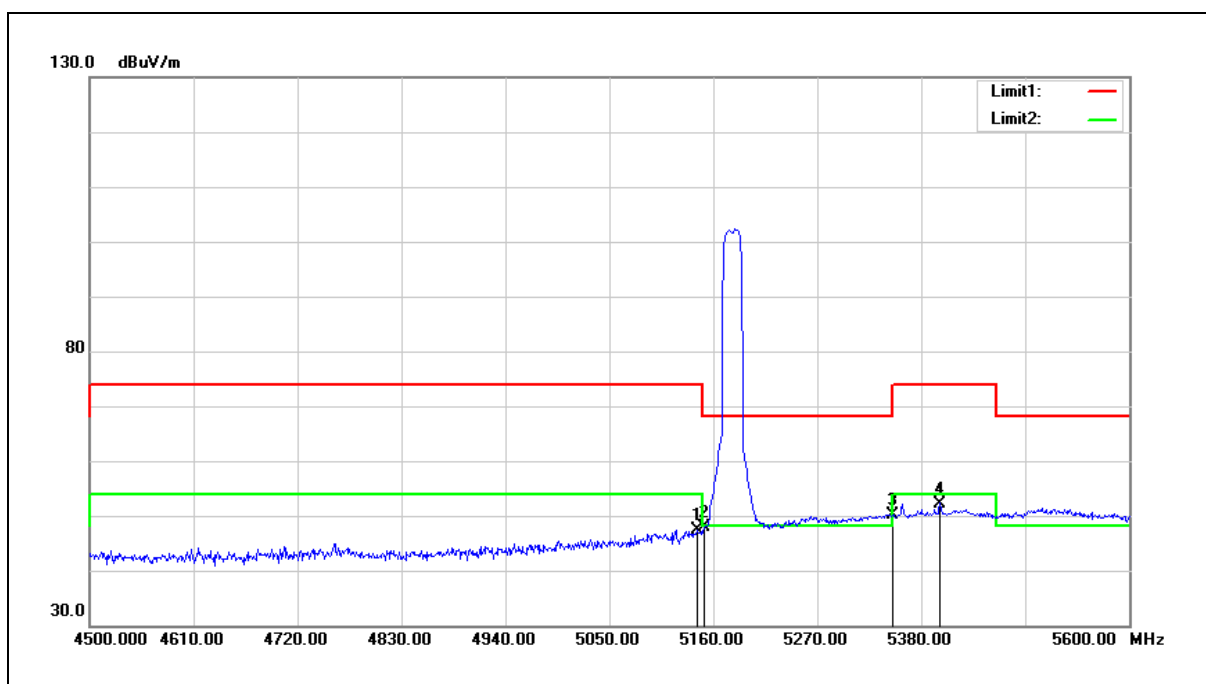
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5024.700	46.17	-0.31	45.86	54.00	-8.14	AVG
2	5150.000	44.27	-0.08	44.19	54.00	-9.81	AVG
3	5350.000	43.32	0.30	43.62	54.00	-10.38	AVG
4	5421.800	44.22	0.43	44.65	54.00	-9.35	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



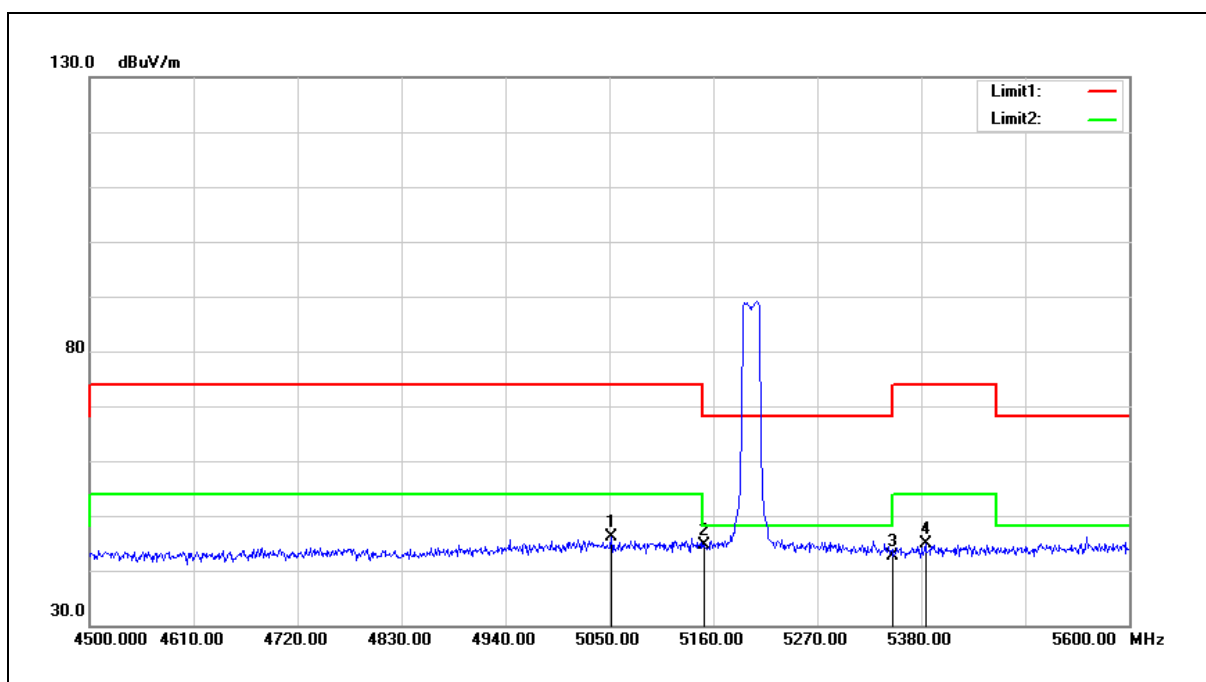
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	47.58	-0.10	47.48	54.00	-6.52	AVG
2	5150.000	47.89	-0.08	47.81	54.00	-6.19	AVG
3	5350.000	49.73	0.30	50.03	54.00	-3.97	AVG
4	5399.800	51.86	0.39	52.25	54.00	-1.75	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



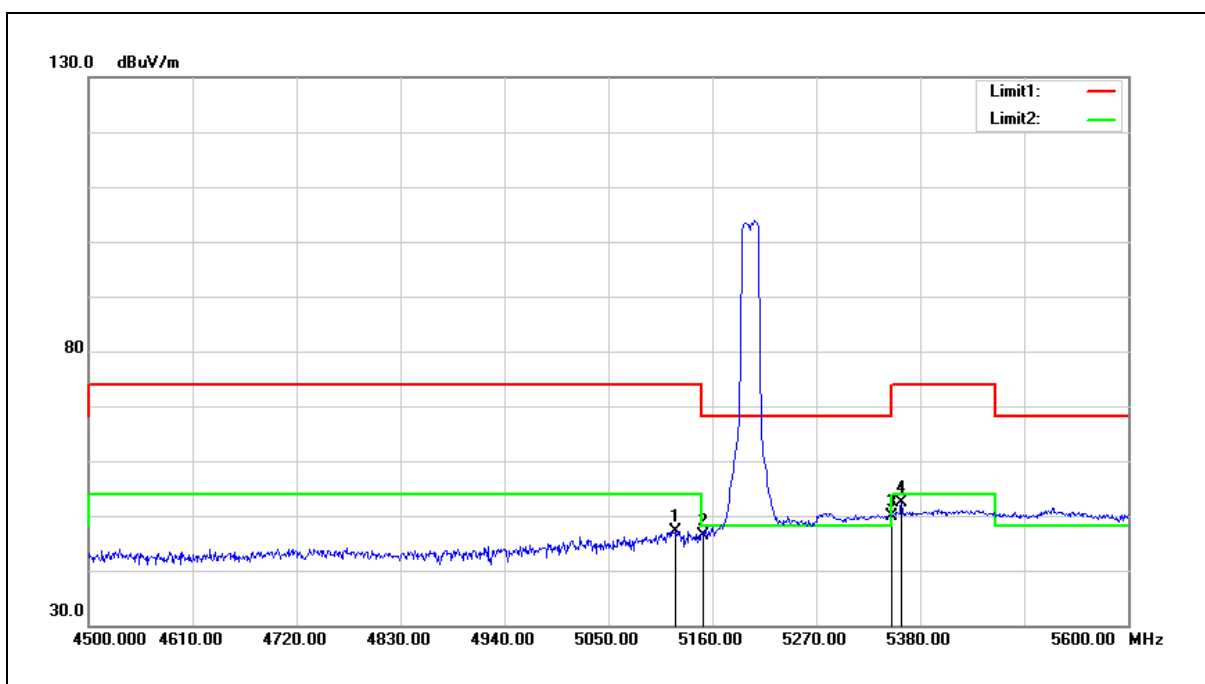
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5052.200	46.28	-0.26	46.02	54.00	-7.98	AVG
2	5150.000	44.63	-0.08	44.55	54.00	-9.45	AVG
3	5350.000	42.41	0.30	42.71	54.00	-11.29	AVG
4	5384.400	44.41	0.36	44.77	54.00	-9.23	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



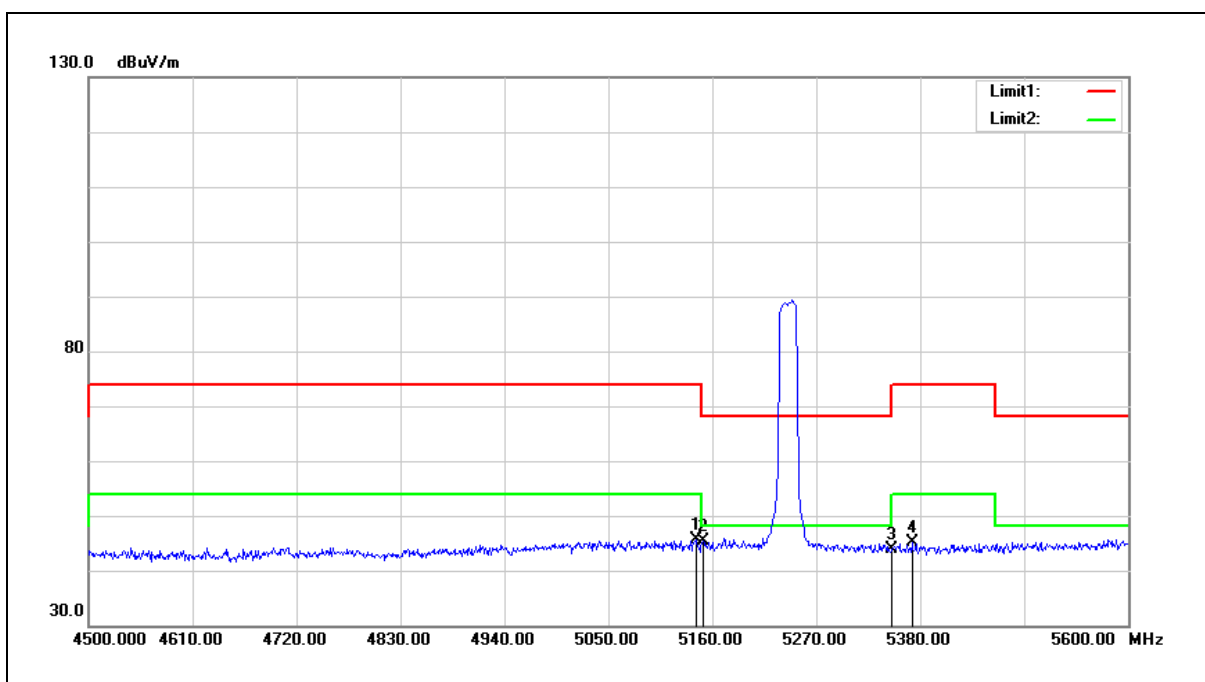
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	47.35	-0.13	47.22	54.00	-6.78	AVG
2	5150.000	46.35	-0.08	46.27	54.00	-7.73	AVG
3	5350.000	49.62	0.30	49.92	54.00	-4.08	AVG
4	5360.200	52.05	0.31	52.36	54.00	-1.64	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



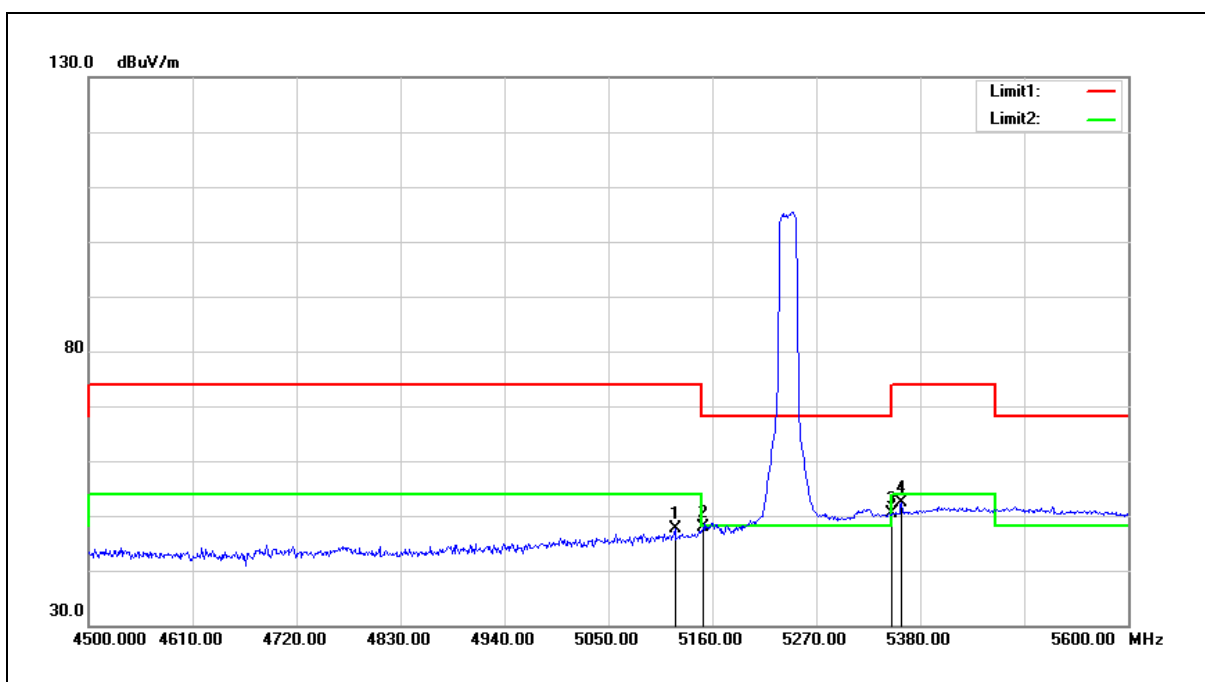
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	45.80	-0.10	45.70	54.00	-8.30	AVG
2	5150.000	45.52	-0.08	45.44	54.00	-8.56	AVG
3	5350.000	43.50	0.30	43.80	54.00	-10.20	AVG
4	5371.200	44.74	0.34	45.08	54.00	-8.92	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



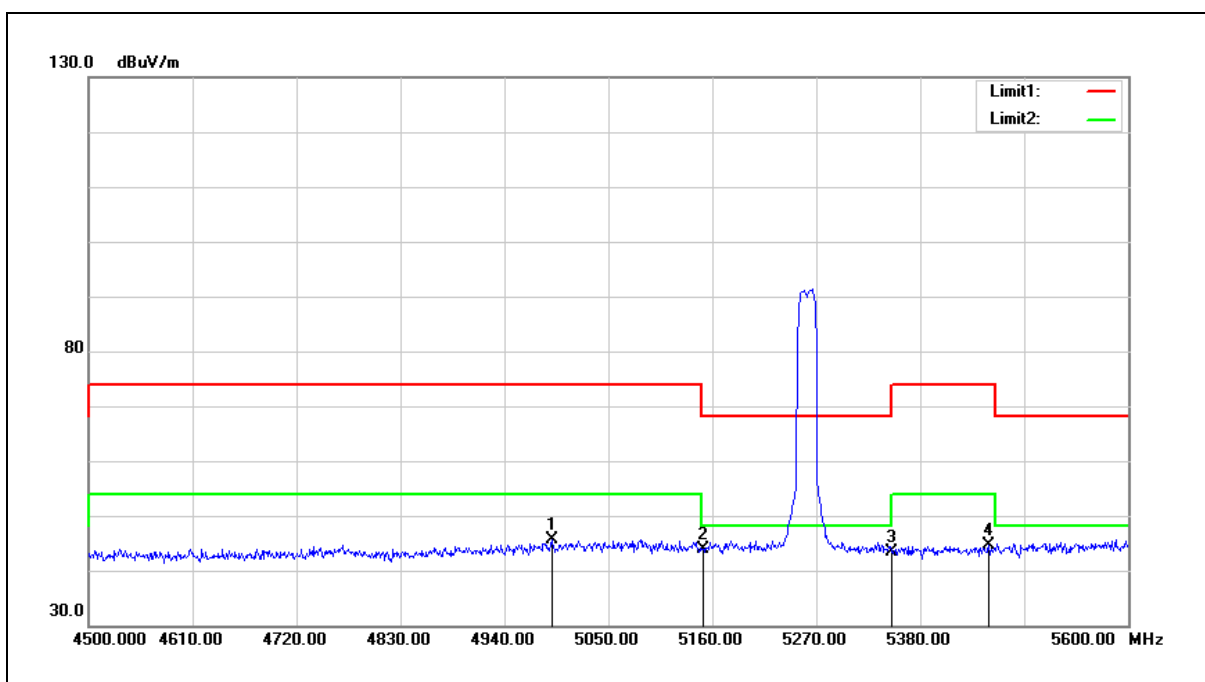
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	47.78	-0.13	47.65	54.00	-6.35	AVG
2	5150.000	47.84	-0.08	47.76	54.00	-6.24	AVG
3	5350.000	50.14	0.30	50.44	54.00	-3.56	AVG
4	5360.200	51.96	0.31	52.27	54.00	-1.73	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



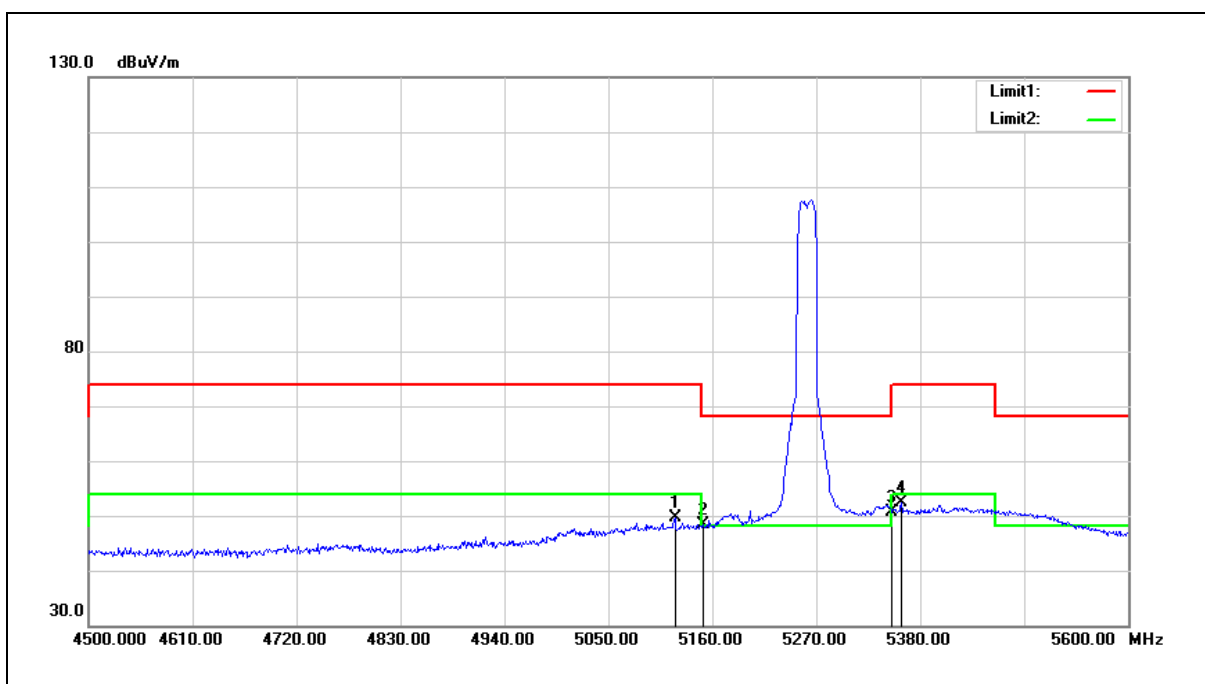
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4990.600	46.00	-0.39	45.61	54.00	-8.39	AVG
2	5150.000	44.05	-0.08	43.97	54.00	-10.03	AVG
3	5350.000	43.03	0.30	43.33	54.00	-10.67	AVG
4	5452.600	44.05	0.48	44.53	54.00	-9.47	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



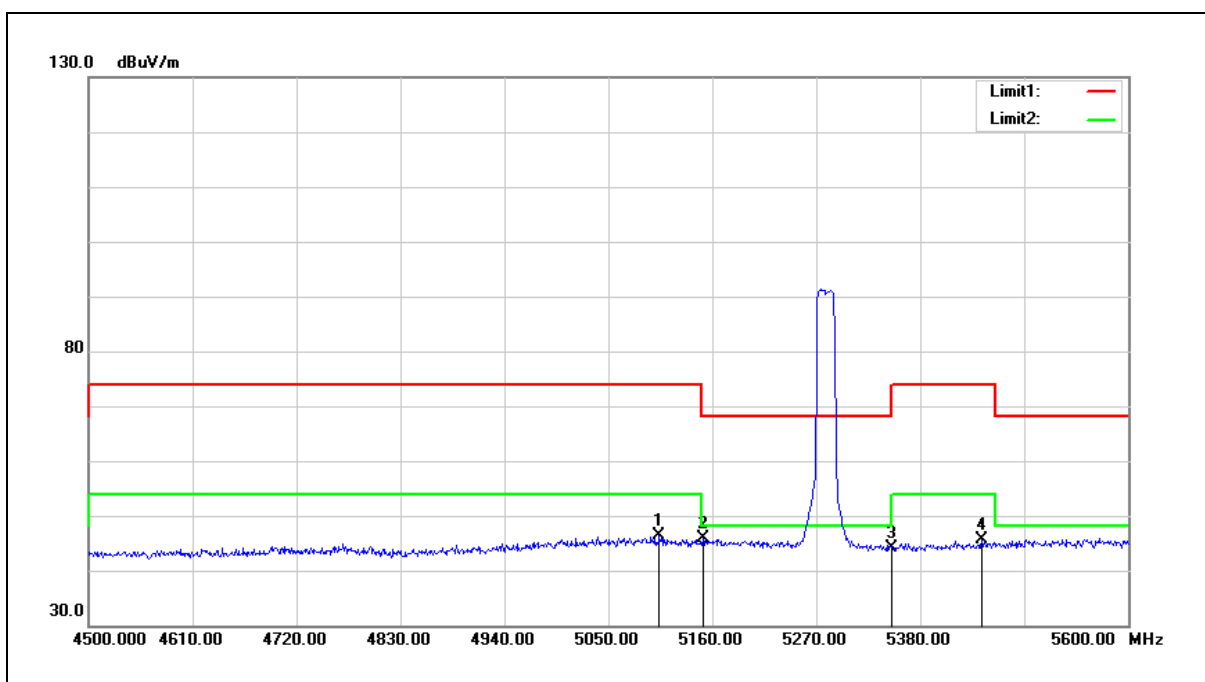
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	49.73	-0.13	49.60	54.00	-4.40	AVG
2	5150.000	48.45	-0.08	48.37	54.00	-5.63	AVG
3	5350.000	50.37	0.30	50.67	54.00	-3.33	AVG
4	5360.200	51.96	0.31	52.27	54.00	-1.73	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



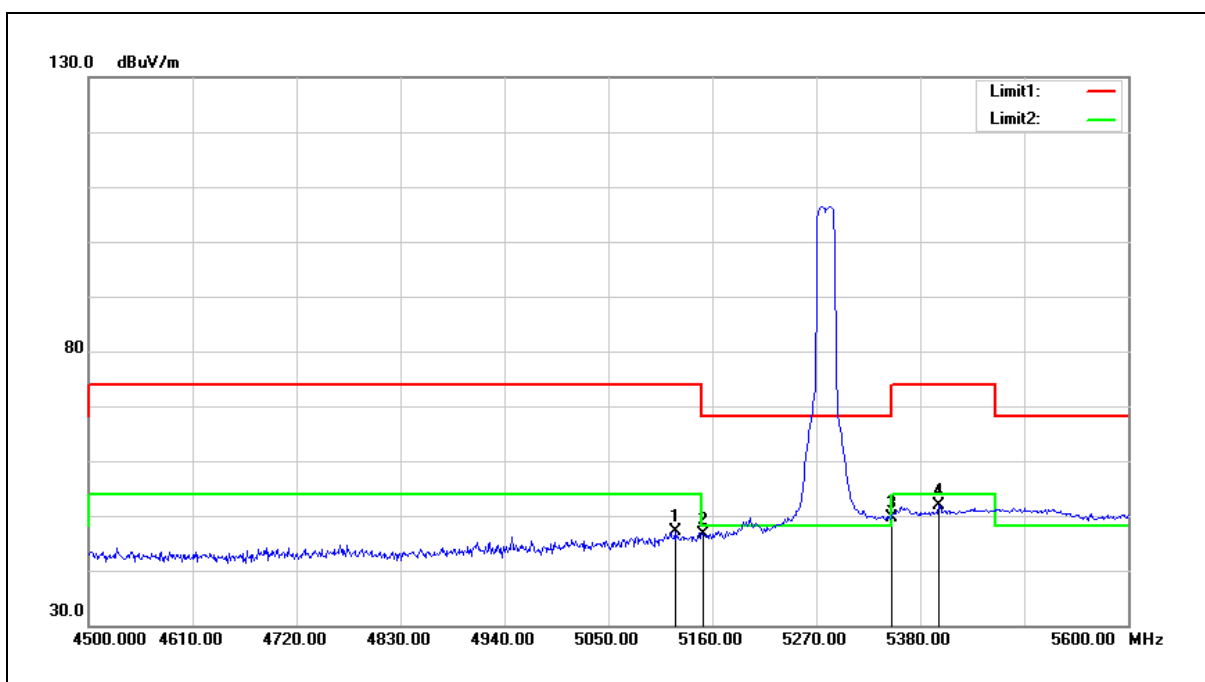
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5103.900	46.59	-0.16	46.43	54.00	-7.57	AVG
2	5150.000	45.85	-0.08	45.77	54.00	-8.23	AVG
3	5350.000	43.79	0.30	44.09	54.00	-9.91	AVG
4	5444.900	45.10	0.47	45.57	54.00	-8.43	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



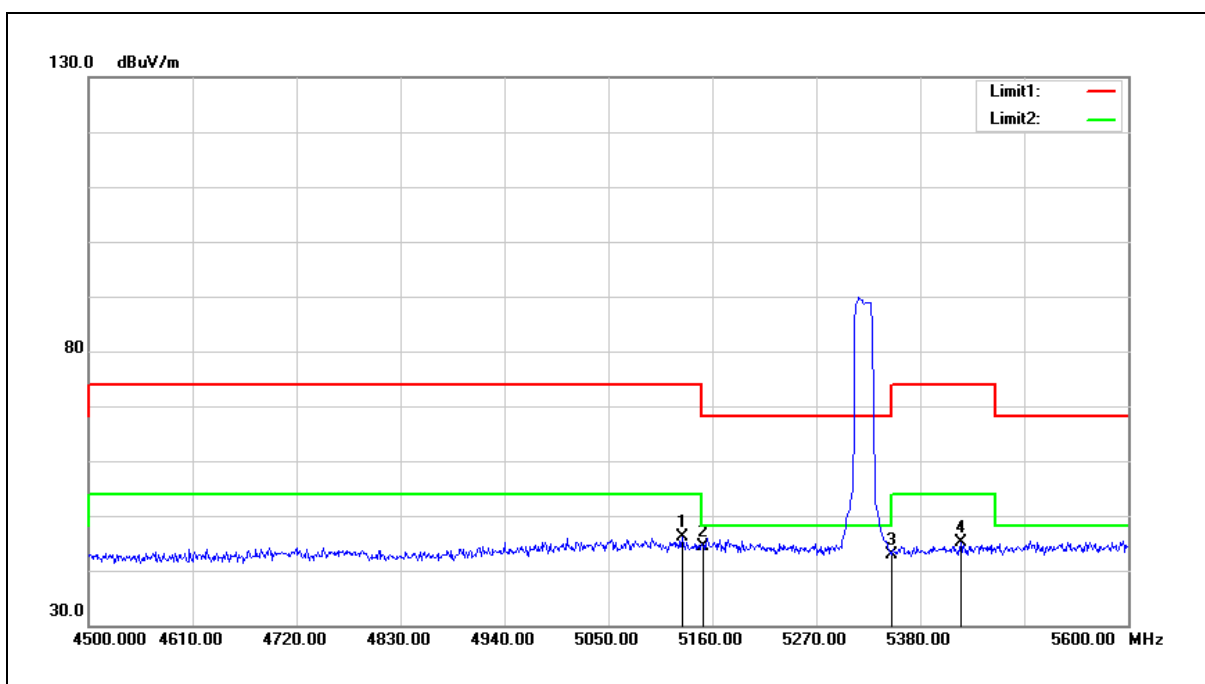
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	47.15	-0.13	47.02	54.00	-6.98	AVG
2	5150.000	46.78	-0.08	46.70	54.00	-7.30	AVG
3	5350.000	49.45	0.30	49.75	54.00	-4.25	AVG
4	5399.800	51.54	0.39	51.93	54.00	-2.07	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



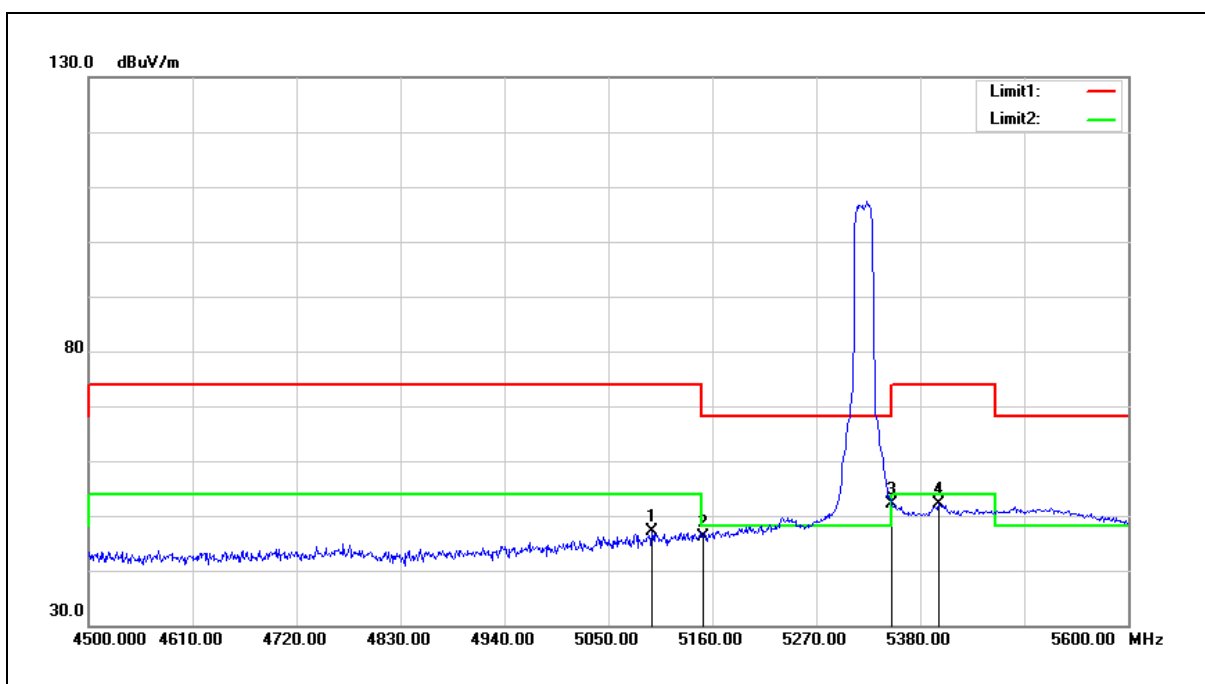
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	46.24	-0.13	46.11	54.00	-7.89	AVG
2	5150.000	44.43	-0.08	44.35	54.00	-9.65	AVG
3	5350.000	42.62	0.30	42.92	54.00	-11.08	AVG
4	5422.900	44.58	0.43	45.01	54.00	-8.99	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



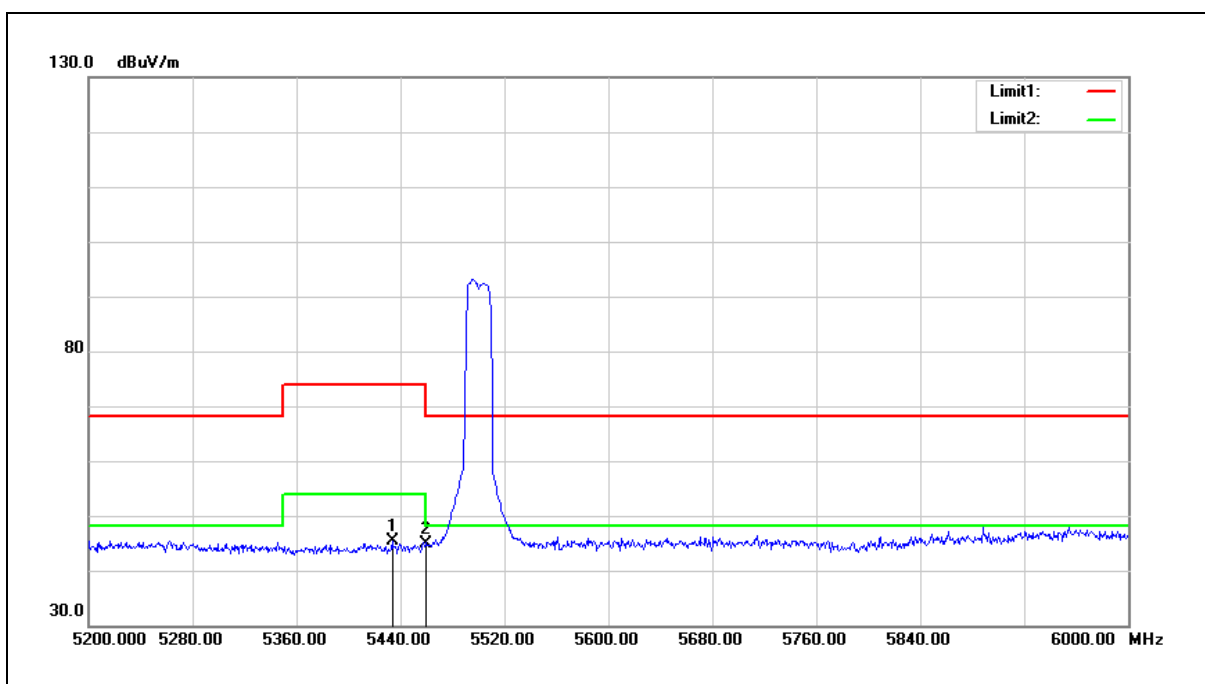
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5096.200	47.26	-0.18	47.08	54.00	-6.92	AVG
2	5150.000	46.16	-0.08	46.08	54.00	-7.92	AVG
3	5350.000	51.72	0.30	52.02	54.00	-1.98	AVG
4	5399.800	51.73	0.39	52.12	54.00	-1.88	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



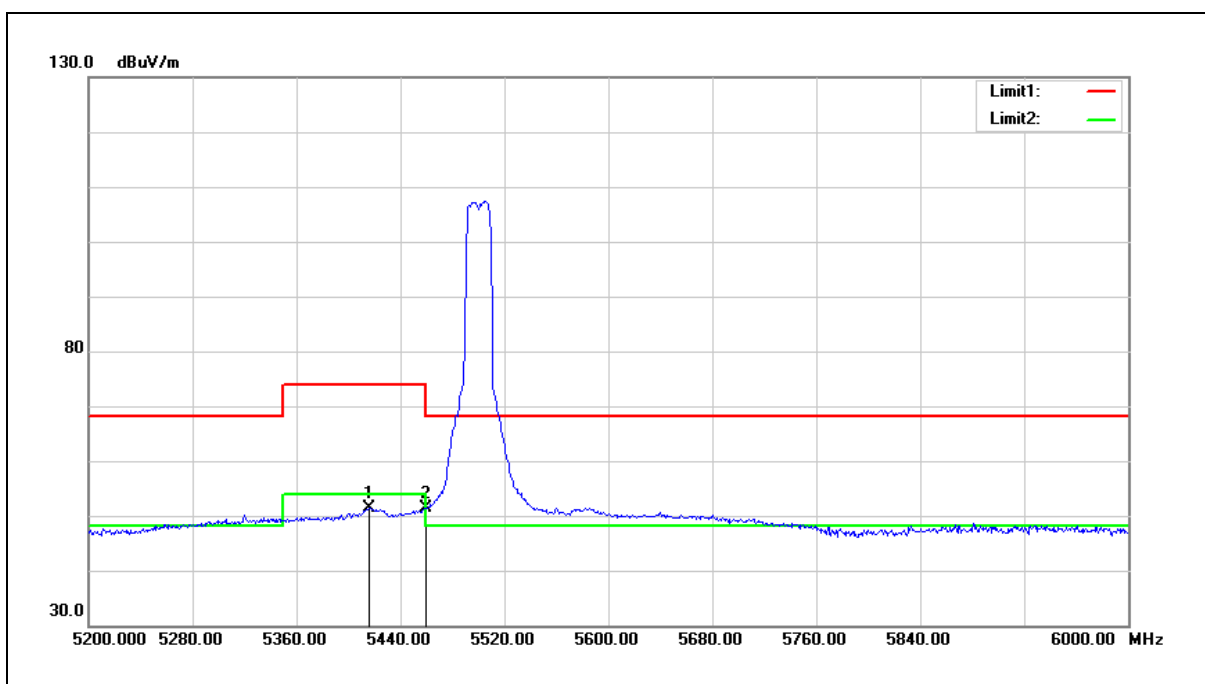
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5433.600	44.81	0.46	45.27	54.00	-8.73	AVG
2	5460.000	44.49	0.51	45.00	54.00	-9.00	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



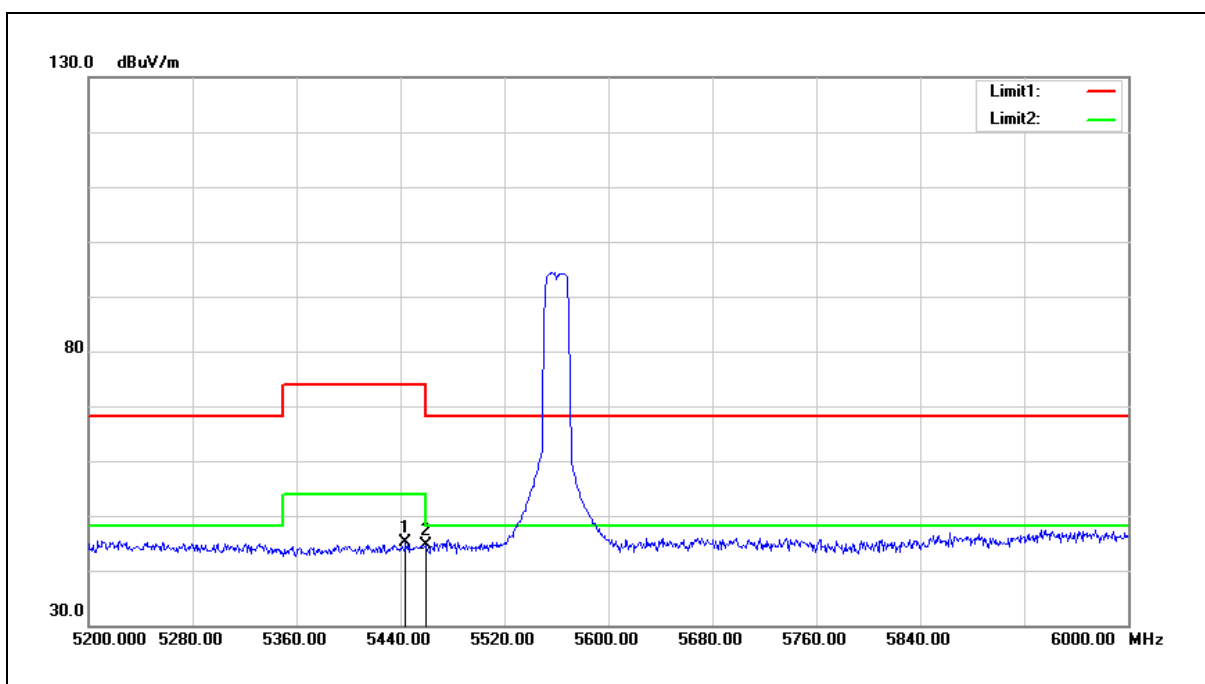
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5416.000	50.99	0.41	51.40	54.00	-2.60	AVG
2	5460.000	50.80	0.51	51.31	54.00	-2.69	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



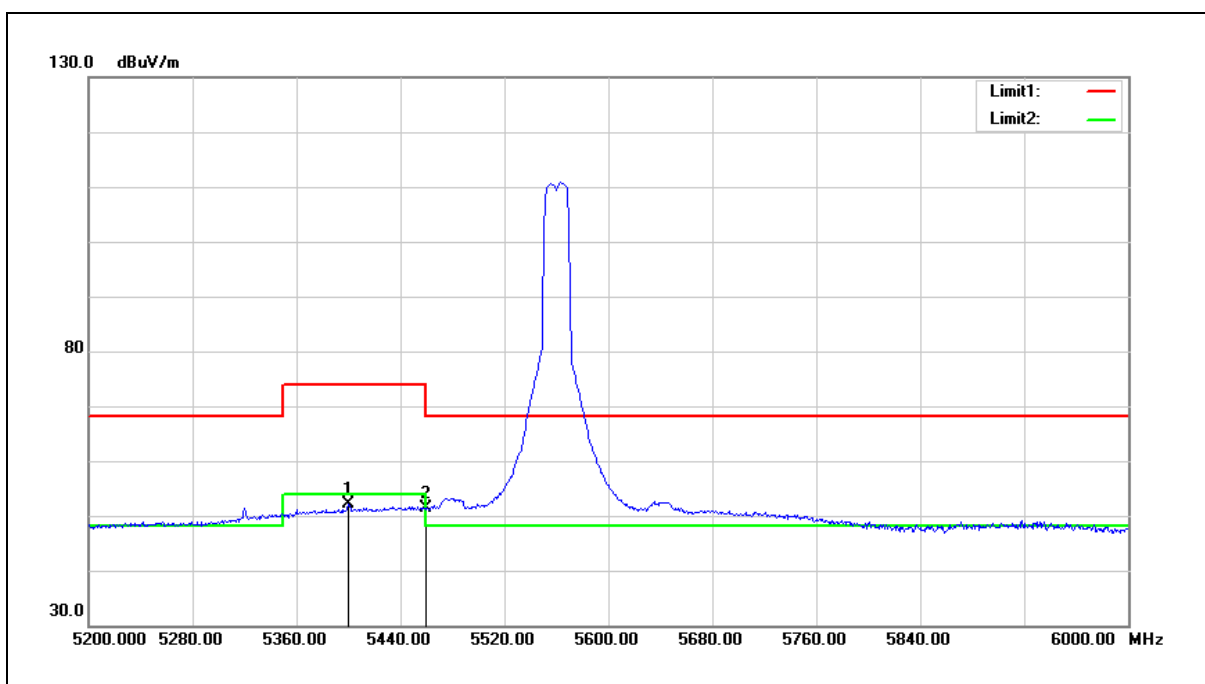
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5444.000	44.59	0.47	45.06	54.00	-8.94	AVG
2	5460.000	44.11	0.51	44.62	54.00	-9.38	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



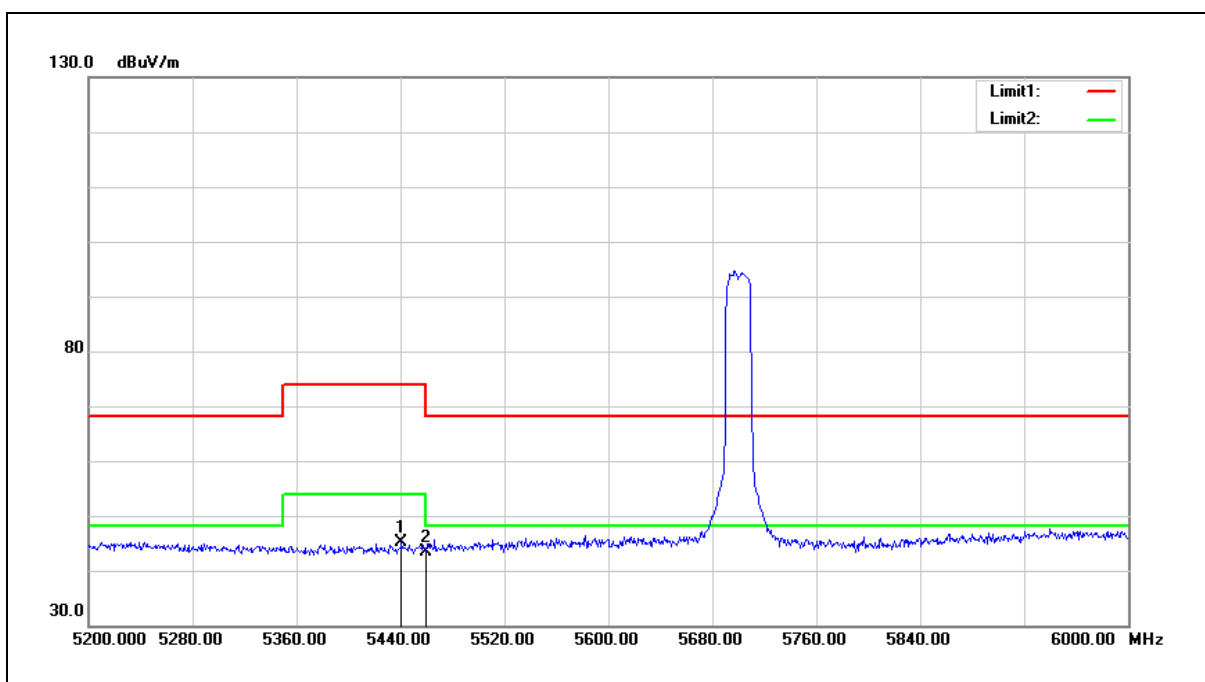
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5400.000	51.76	0.39	52.15	54.00	-1.85	AVG
2	5460.000	50.83	0.51	51.34	54.00	-2.66	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



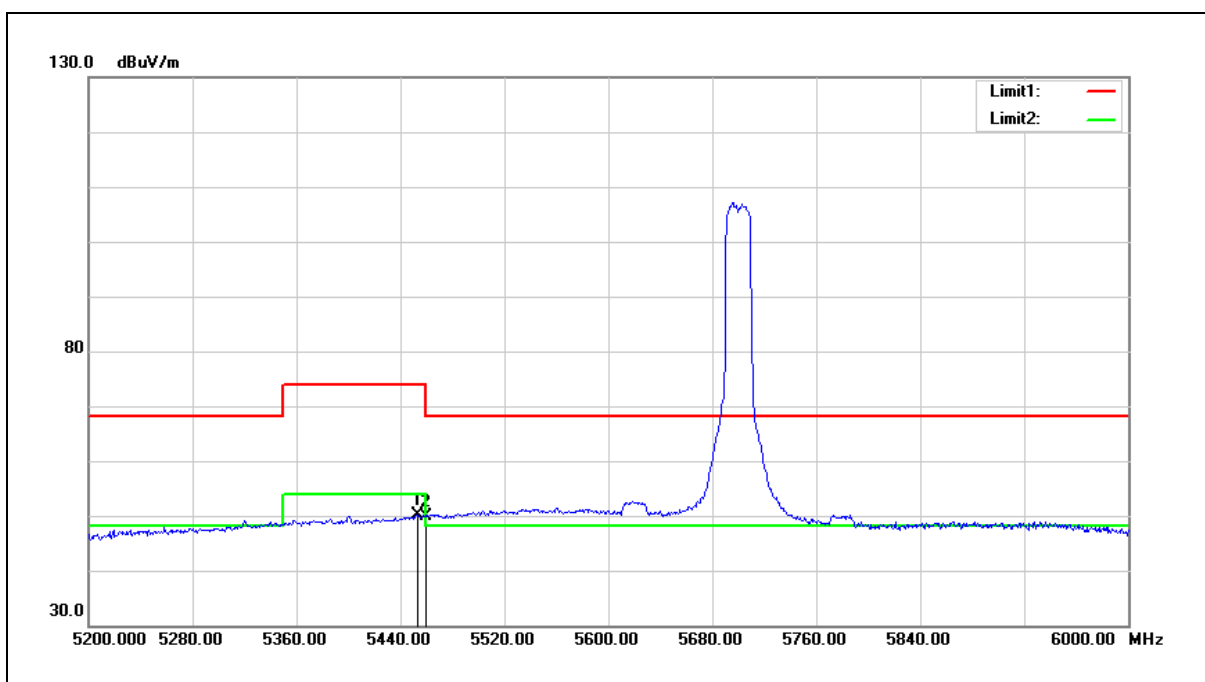
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5440.800	44.68	0.46	45.14	54.00	-8.86	AVG
2	5460.000	42.88	0.51	43.39	54.00	-10.61	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



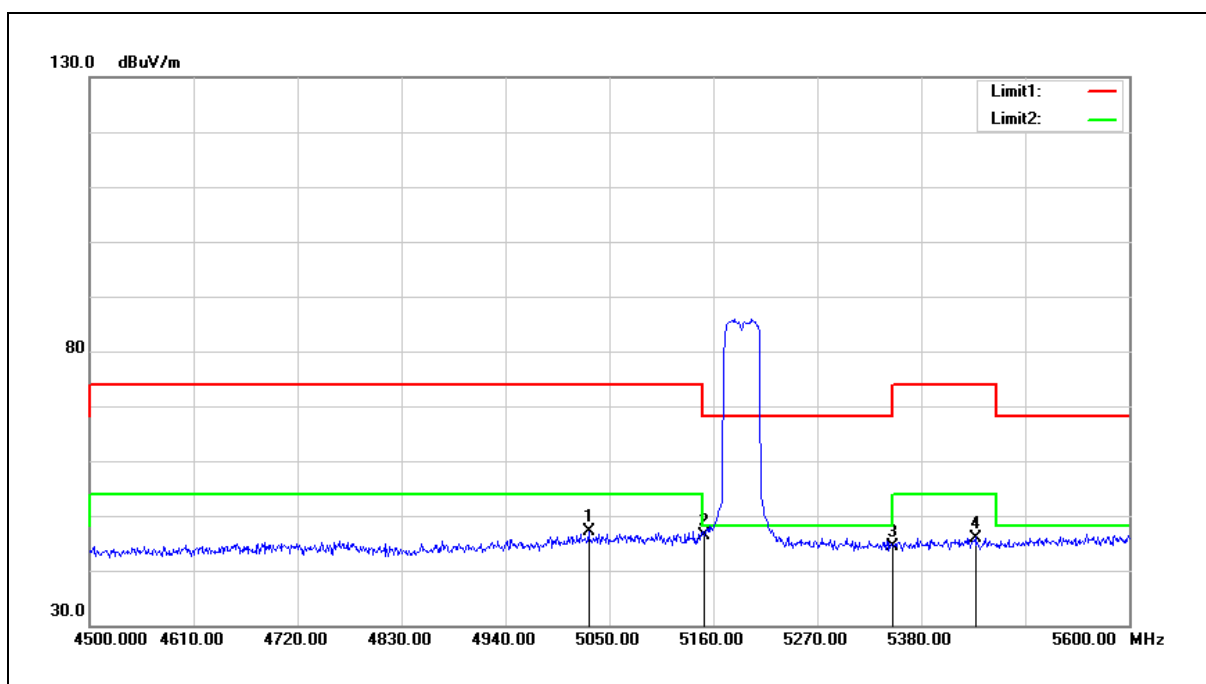
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.800	49.63	0.48	50.11	54.00	-3.89	AVG
2	5460.000	49.47	0.51	49.98	54.00	-4.02	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



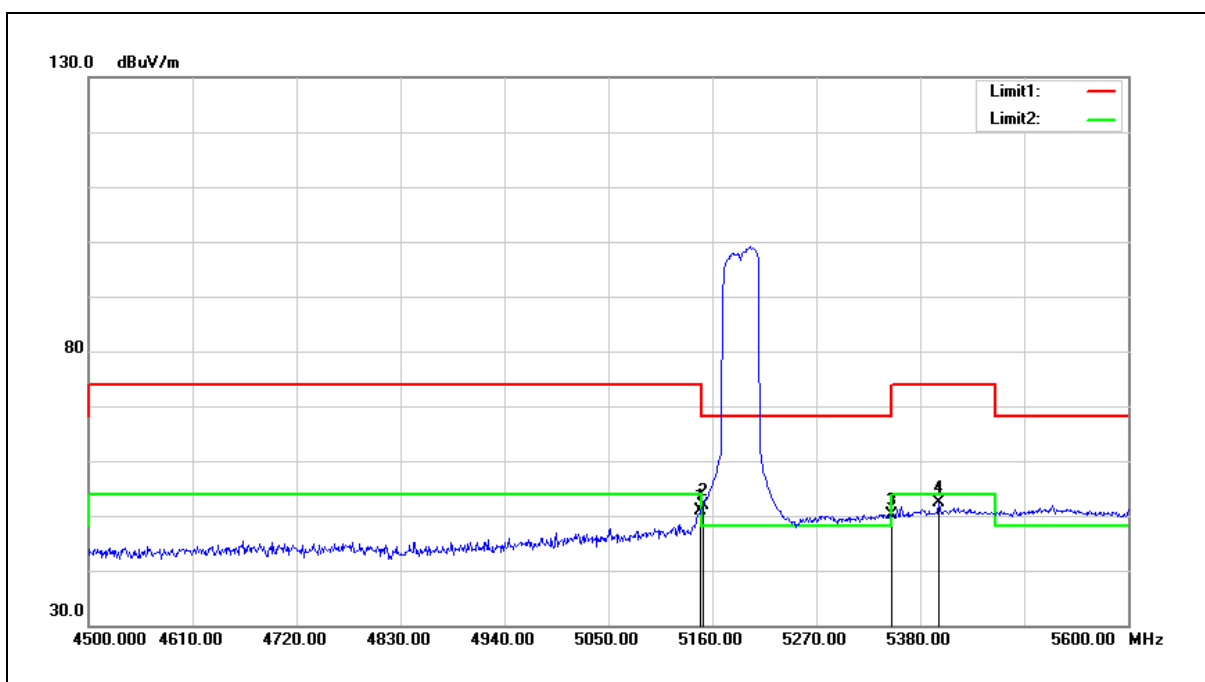
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5028.000	47.47	-0.31	47.16	54.00	-6.84	AVG
2	5150.000	46.53	-0.08	46.45	54.00	-7.55	AVG
3	5350.000	44.07	0.30	44.37	54.00	-9.63	AVG
4	5437.200	45.54	0.46	46.00	54.00	-8.00	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



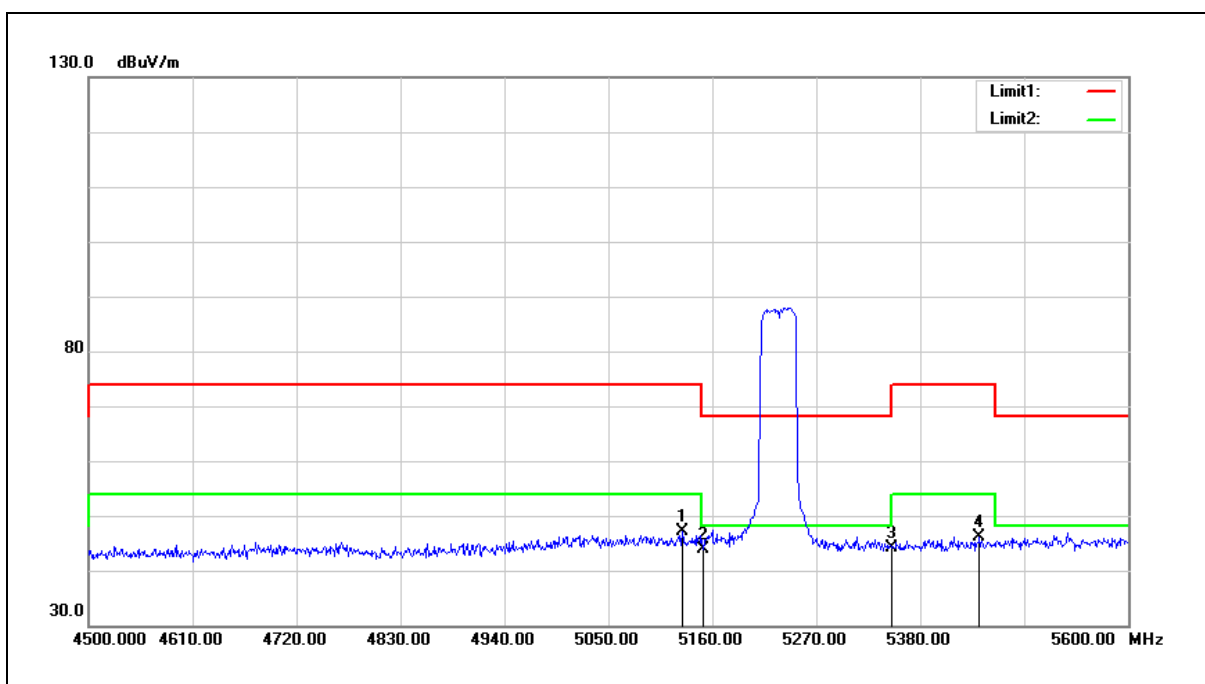
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	50.99	-0.08	50.91	54.00	-3.09	AVG
2	5150.000	52.07	-0.08	51.99	54.00	-2.01	AVG
3	5350.000	49.88	0.30	50.18	54.00	-3.82	AVG
4	5399.800	51.92	0.39	52.31	54.00	-1.69	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



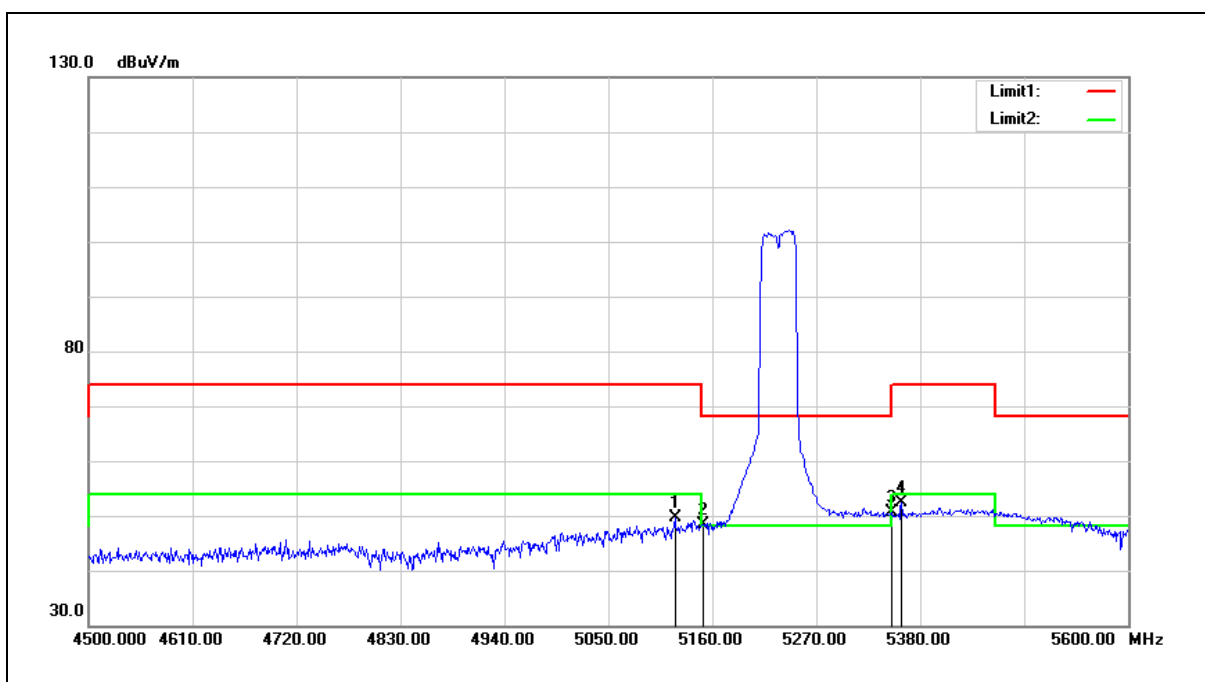
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	47.22	-0.13	47.09	54.00	-6.91	AVG
2	5150.000	43.97	-0.08	43.89	54.00	-10.11	AVG
3	5350.000	43.76	0.30	44.06	54.00	-9.94	AVG
4	5442.700	45.75	0.46	46.21	54.00	-7.79	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



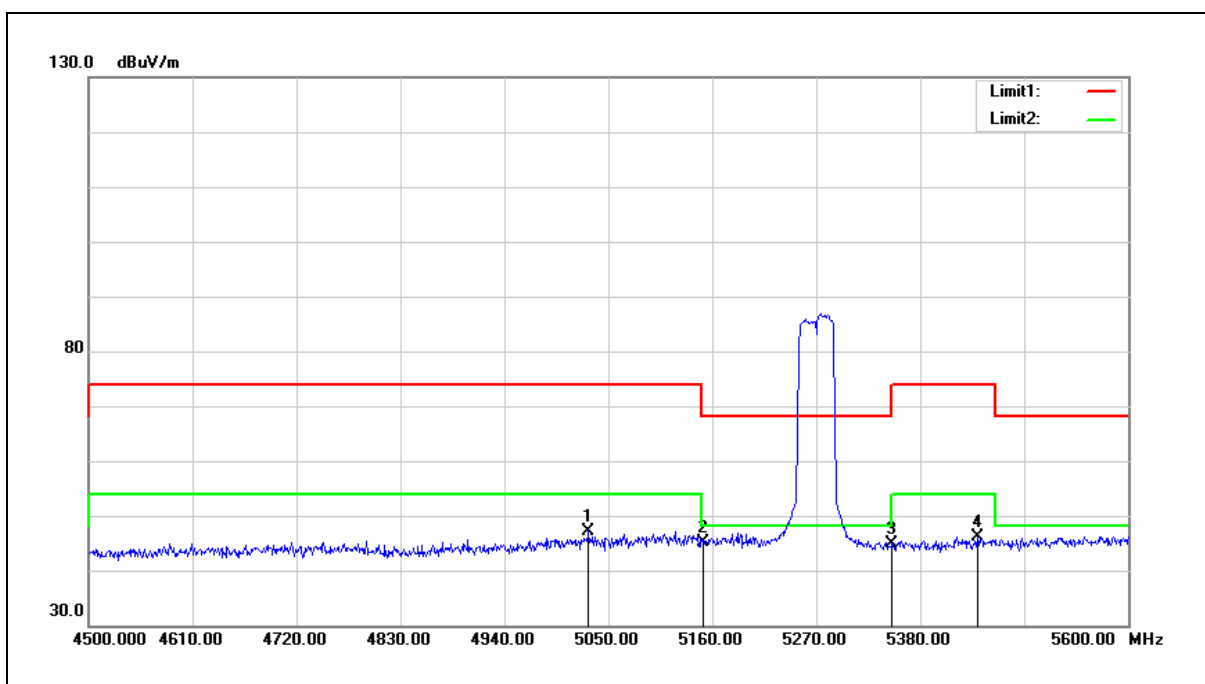
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	49.76	-0.13	49.63	54.00	-4.37	AVG
2	5150.000	48.46	-0.08	48.38	54.00	-5.62	AVG
3	5350.000	50.28	0.30	50.58	54.00	-3.42	AVG
4	5360.200	52.17	0.31	52.48	54.00	-1.52	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



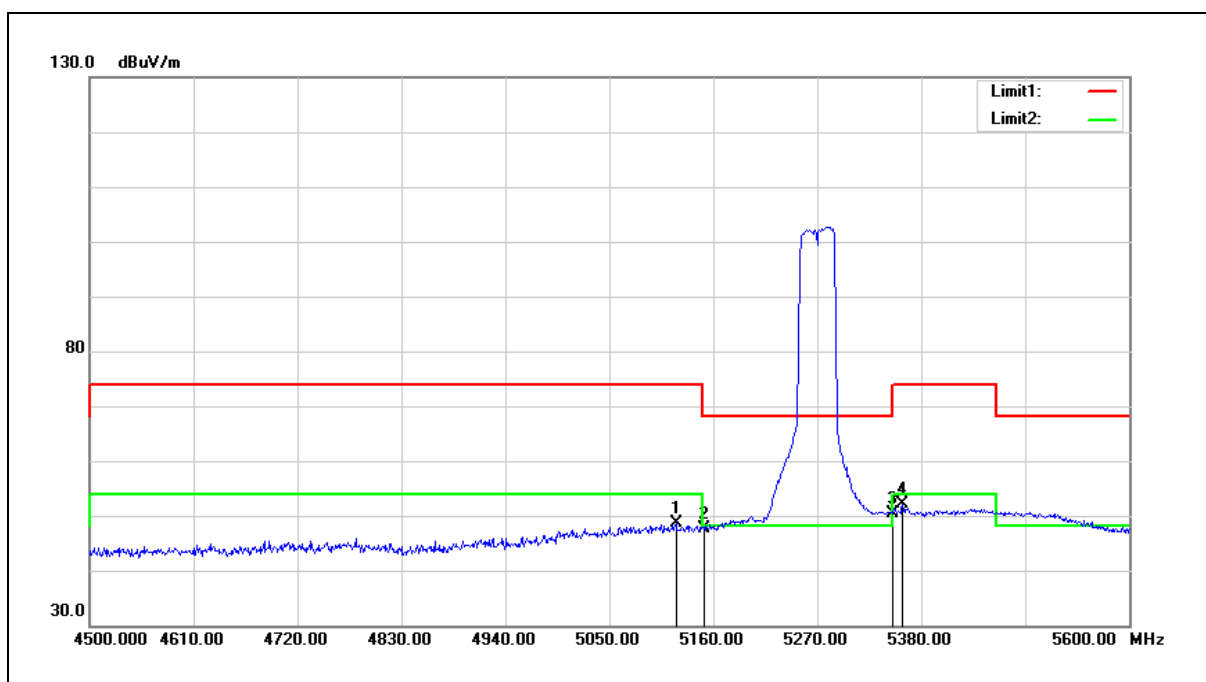
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5029.100	47.55	-0.31	47.24	54.00	-6.76	AVG
2	5150.000	45.31	-0.08	45.23	54.00	-8.77	AVG
3	5350.000	44.63	0.30	44.93	54.00	-9.07	AVG
4	5440.500	45.74	0.46	46.20	54.00	-7.80	AVG

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



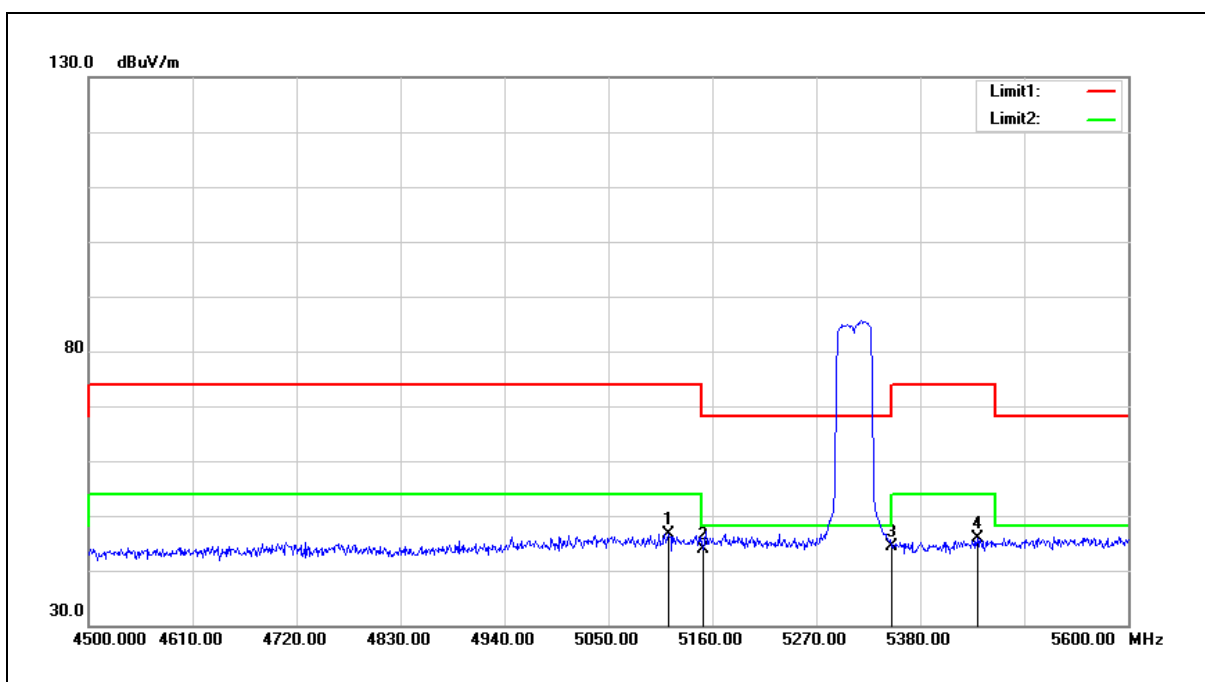
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	48.82	-0.13	48.69	54.00	-5.31	AVG
2	5150.000	47.81	-0.08	47.73	54.00	-6.27	AVG
3	5350.000	50.14	0.30	50.44	54.00	-3.56	AVG
4	5360.200	51.88	0.31	52.19	54.00	-1.81	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



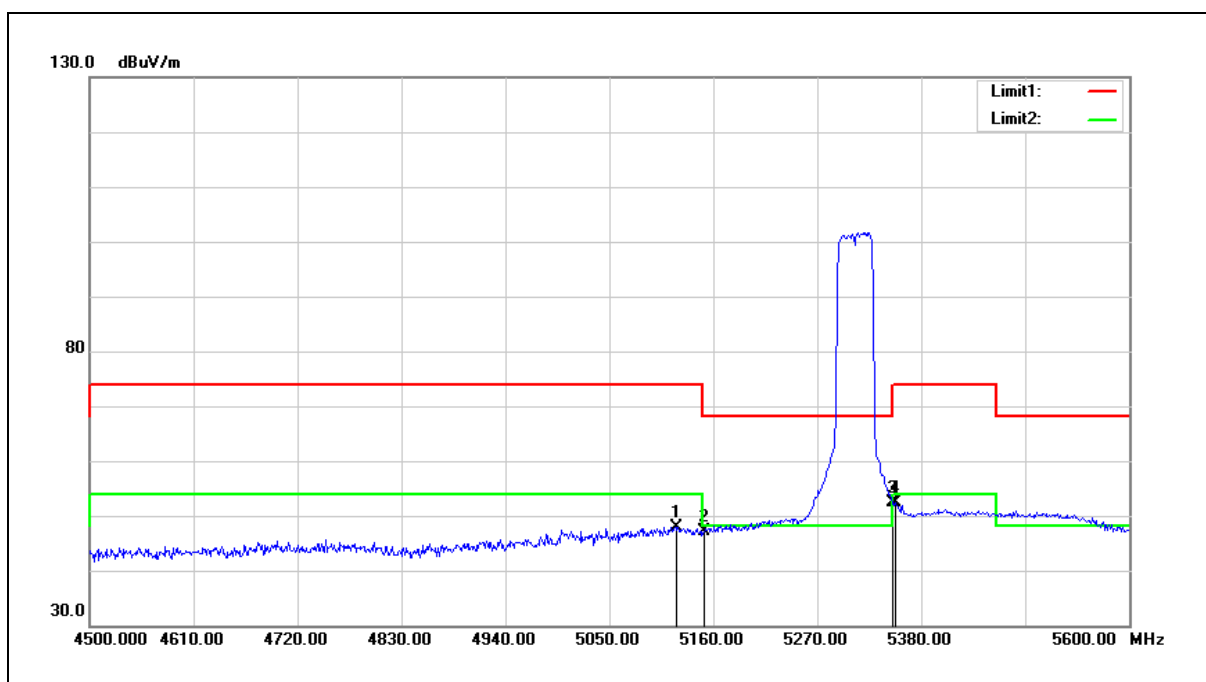
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5113.800	46.85	-0.15	46.70	54.00	-7.30	AVG
2	5150.000	44.08	-0.08	44.00	54.00	-10.00	AVG
3	5350.000	44.13	0.30	44.43	54.00	-9.57	AVG
4	5440.500	45.33	0.46	45.79	54.00	-8.21	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



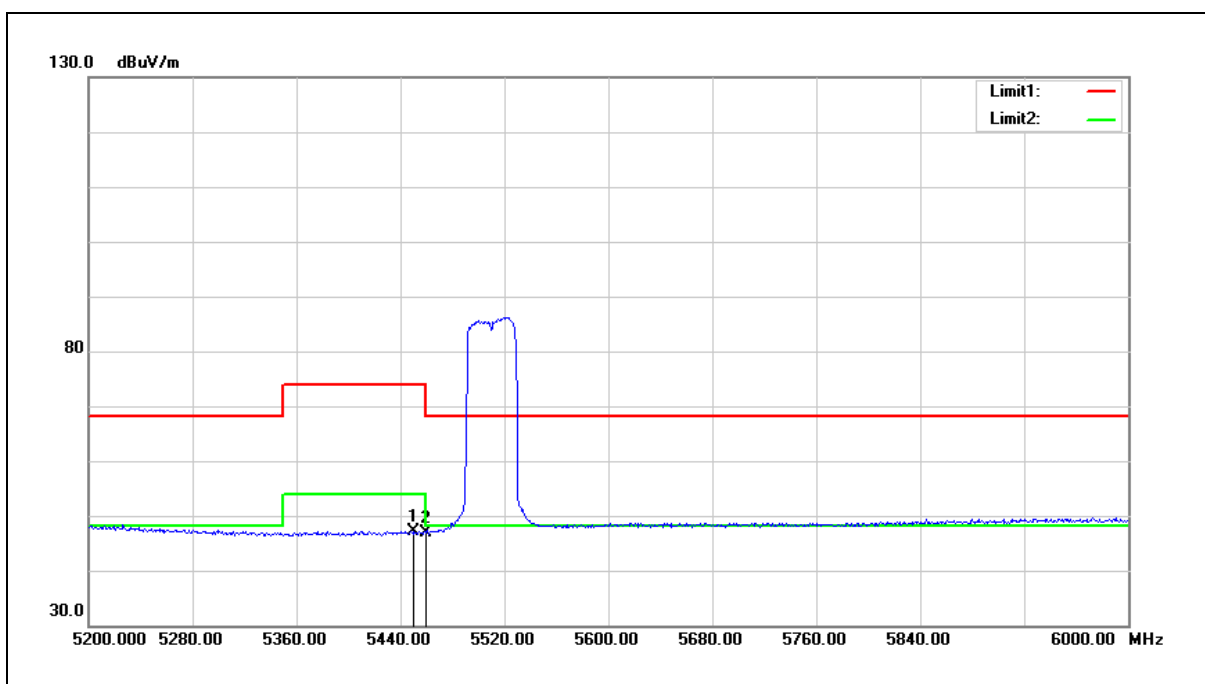
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	48.08	-0.13	47.95	54.00	-6.05	AVG
2	5150.000	47.22	-0.08	47.14	54.00	-6.86	AVG
3	5350.000	52.03	0.30	52.33	54.00	-1.67	AVG
4	5352.500	52.01	0.30	52.31	54.00	-1.69	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



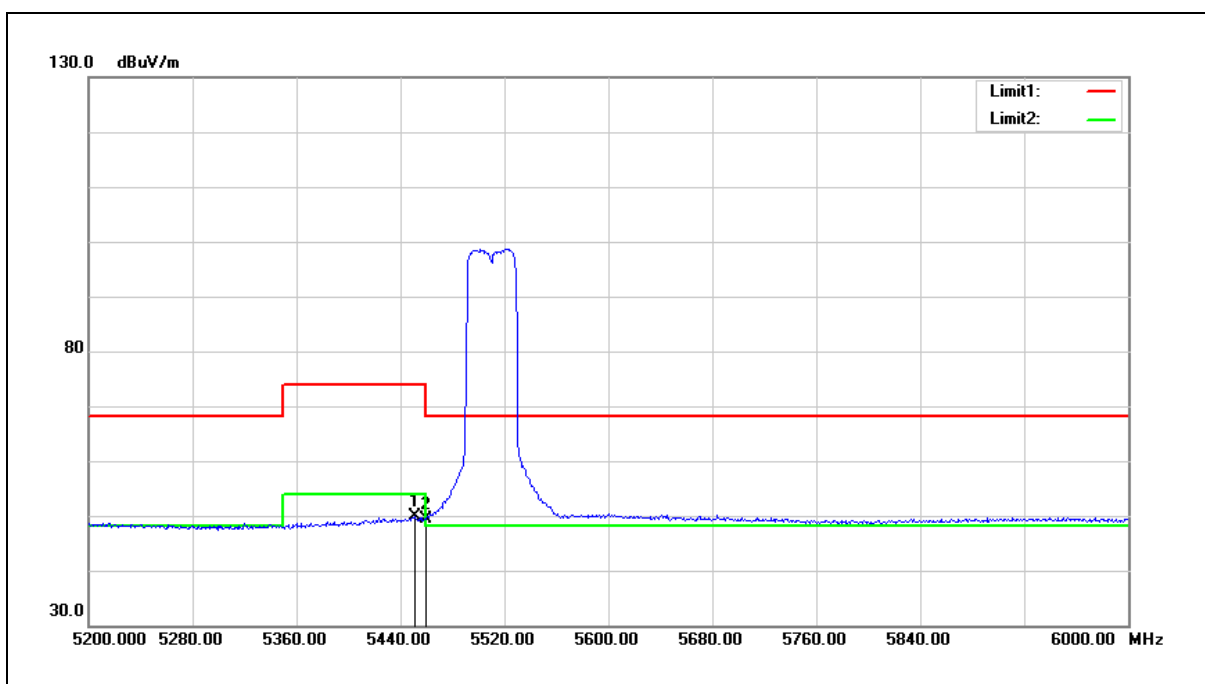
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.400	46.67	0.48	47.15	54.00	-6.85	AVG
2	5460.000	46.30	0.51	46.81	54.00	-7.19	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



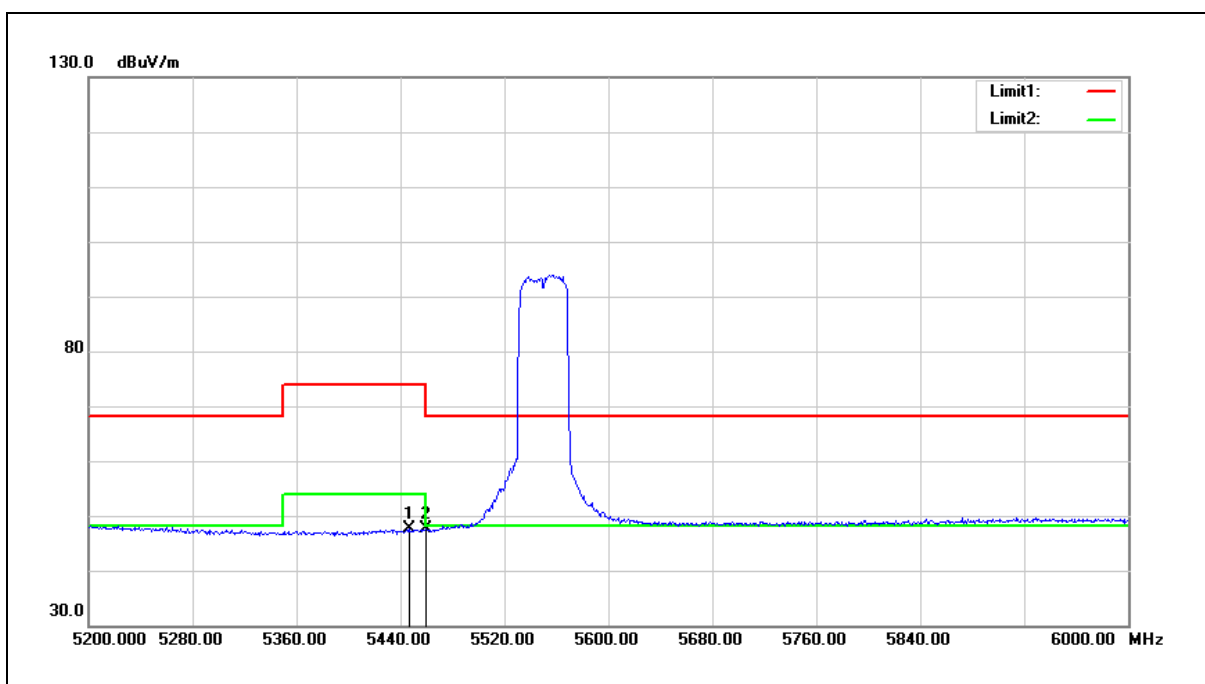
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.200	49.29	0.48	49.77	54.00	-4.23	AVG
2	5460.000	48.97	0.51	49.48	54.00	-4.52	AVG

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



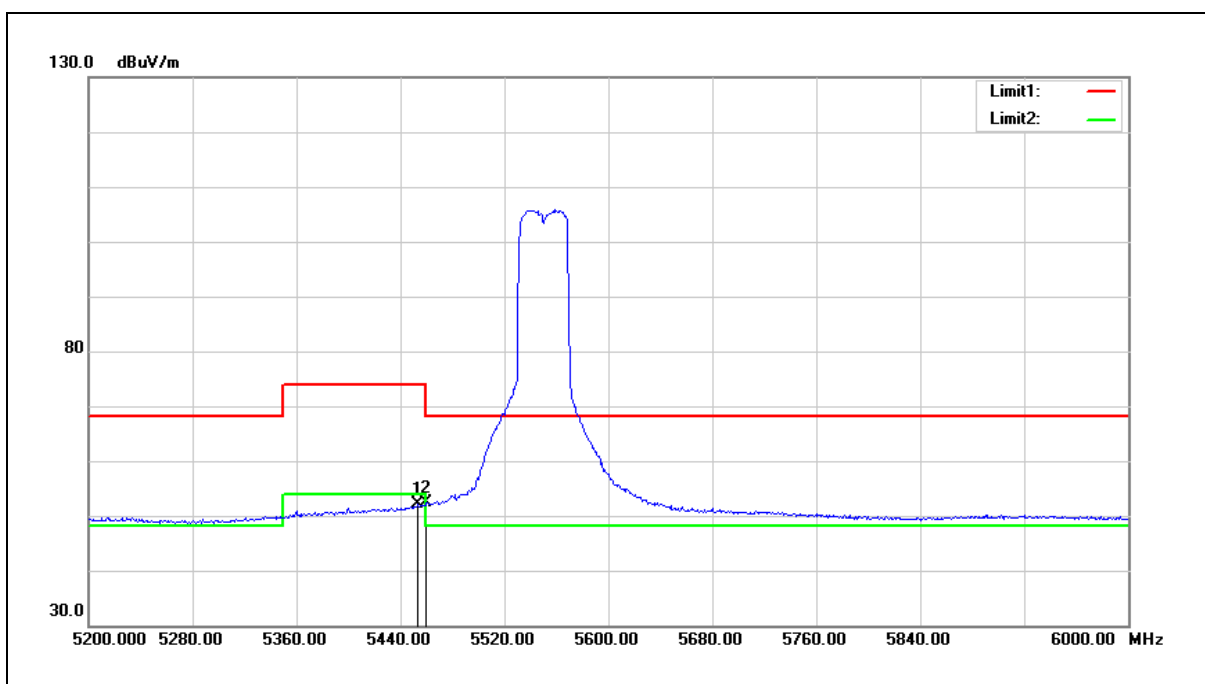
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.400	47.15	0.48	47.63	54.00	-6.37	AVG
2	5460.000	47.07	0.51	47.58	54.00	-6.42	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



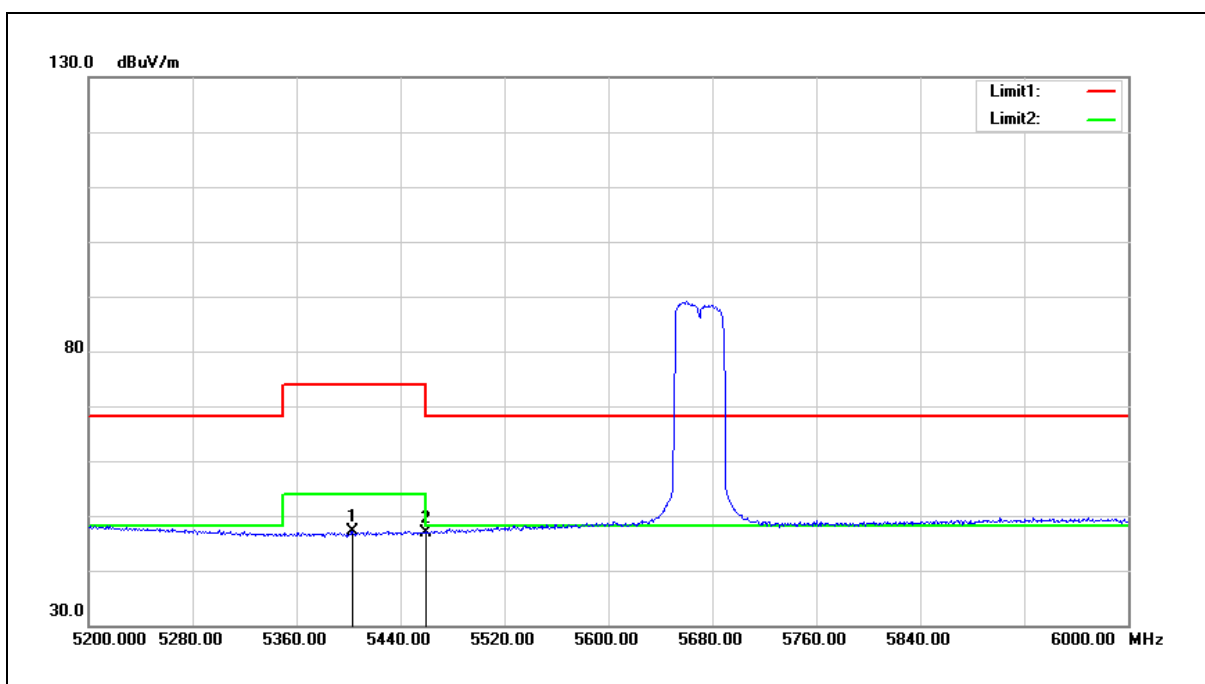
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.600	51.53	0.48	52.01	54.00	-1.99	AVG
2	5460.000	51.81	0.51	52.32	54.00	-1.68	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



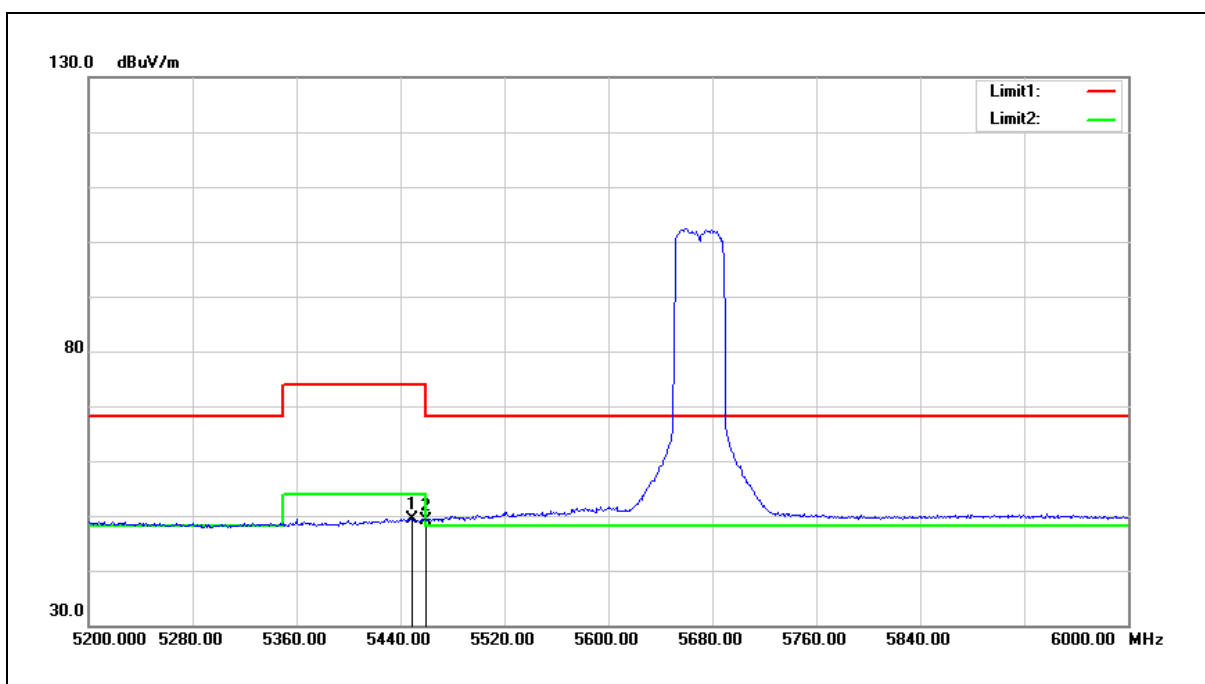
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5403.200	46.81	0.39	47.20	54.00	-6.80	AVG
2	5460.000	46.46	0.51	46.97	54.00	-7.03	AVG

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 15.247	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
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	5448.800	48.99	0.48	49.47	54.00	-4.53	AVG
2	5460.000	48.73	0.51	49.24	54.00	-4.76	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.

5.3 Conducted Test Results

SISO

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 2	5180	19	19	ART2-GUI version 2.3
	5200	19	19	
	5220	19	19	
	5240	20	20	
	5260	20.5	20.5	
	5280	21.5	21.5	
	5300	21.5	21.5	
	5320	22	22	
	5500	23	23	
	5520	23	23	
	5540	23	23	
	5560	23	23	
	5580	23	23	
	5600	23	23	
	5620	23	23	
	5640	23	23	
	5660	23	23	
	5680	23	23	
	5700	20.5	20.5	
	5745	26	26	
	5765	26	26	
	5785	26	26	
	5805	26	26	
	5825	26	26	

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 3	5180	18.5	18.5	ART2-GUI version 2.3
	5200	19.5	19.5	
	5220	19.5	19.5	
	5240	20	20	
	5260	20.5	20.5	
	5280	21	21	
	5300	21	21	
	5320	21.5	21.5	
	5500	22.5	22.5	
	5520	23	23	
	5540	23	23	
	5560	23	23	
	5580	23	23	
	5600	23	23	
	5620	23	23	
	5640	23	23	
	5660	23	23	
	5680	23	23	
	5700	20	20	
	5745	25.5	25.5	
	5765	25	25	
	5785	25	25	
	5805	25	25	
	5825	25.5	25.5	
Mode 4	5190	17	17	ART2-GUI version 2.3
	5230	18.5	18.5	
	5270	19.5	19.5	
	5310	17.5	17.5	
	5510	17.5	17.5	
	5550	23	23	
	5590	23	23	
	5630	23	23	
	5670	21	21	
	5755	24	24	
	5795	26	26	

Maximum Conducted Output Power and Transmit power control Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		Limit (dBm)
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5180	6 M	18.52	0.071	19.83	0.096	≤ 29.00
5200		18.58	0.072	19.86	0.097	≤ 29.00
5220		18.51	0.071	19.79	0.095	≤ 29.00
5240		19.48	0.089	20.49	0.112	≤ 29.00
5260		20.18	0.104	21.08	0.128	≤ 23.00
5280		21.46	0.140	22.33	0.171	≤ 23.00
5300		21.39	0.138	22.28	0.169	≤ 23.00
5320		22.06	0.161	22.62	0.183	≤ 23.00
5500		22.52	0.179	22.79	0.190	≤ 24.00
5520		22.26	0.168	22.52	0.179	≤ 24.00
5540		22.27	0.169	22.49	0.177	≤ 24.00
5560		22.32	0.171	22.56	0.180	≤ 24.00
5580		22.22	0.167	22.51	0.178	≤ 24.00
5600		22.26	0.168	22.48	0.177	≤ 24.00
5620		22.25	0.168	22.50	0.178	≤ 24.00
5640		22.28	0.169	22.49	0.177	≤ 24.00
5660		22.21	0.166	22.52	0.179	≤ 24.00
5680		22.28	0.169	22.50	0.178	≤ 24.00
5700		19.49	0.089	20.01	0.100	≤ 24.00
5745		25.52	0.356	26.37	0.434	≤ 30.00
5765		25.61	0.364	26.63	0.460	≤ 30.00
5785		25.66	0.368	26.69	0.467	≤ 30.00
5805		25.62	0.365	26.62	0.459	≤ 30.00
5825		24.63	0.290	25.73	0.374	≤ 30.00

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

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		Limit (dBm)
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5180	6.5 M	18.12	0.065	18.97	0.079	≤ 29.00
5200		19.22	0.084	20.00	0.100	≤ 29.00
5220		19.13	0.082	19.92	0.098	≤ 29.00
5240		19.65	0.092	20.22	0.105	≤ 29.00
5260		20.31	0.107	20.95	0.124	≤ 23.00
5280		21.08	0.128	21.60	0.145	≤ 23.00
5300		21.02	0.126	21.51	0.142	≤ 23.00
5320		21.66	0.147	21.90	0.155	≤ 23.00
5500		21.77	0.150	22.28	0.169	≤ 24.00
5520		22.61	0.182	22.66	0.185	≤ 24.00
5540		22.60	0.182	22.68	0.185	≤ 24.00
5560		22.66	0.185	22.73	0.187	≤ 24.00
5580		22.59	0.182	22.65	0.184	≤ 24.00
5600		22.58	0.181	22.69	0.186	≤ 24.00
5620		22.60	0.182	22.63	0.183	≤ 24.00
5640		22.59	0.182	22.65	0.184	≤ 24.00
5660		22.61	0.182	22.67	0.185	≤ 24.00
5680		22.62	0.183	22.70	0.186	≤ 24.00
5700		18.91	0.078	19.42	0.087	≤ 24.00
5745		25.77	0.378	26.38	0.435	≤ 30.00
5765		24.78	0.301	25.74	0.375	≤ 30.00
5785		24.83	0.304	25.83	0.383	≤ 30.00
5805		24.76	0.299	25.72	0.373	≤ 30.00
5825		24.72	0.296	25.69	0.371	≤ 30.00

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

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode					
Frequency (MHz)	Data Rate	ANT-0		ANT-1		Limit (dBm)	
		Max. Output Power					
		(dBm)	(W)	(dBm)	(W)		
5190	13.5 M	17.13	0.052	17.72	0.059	≤	29.00
5230		18.52	0.071	18.97	0.079	≤	29.00
5270		19.53	0.090	20.28	0.107	≤	23.00
5310		17.76	0.060	17.85	0.061	≤	23.00
5510		17.42	0.055	17.63	0.058	≤	24.00
5550		22.52	0.179	23.12	0.205	≤	24.00
5590		22.45	0.176	23.06	0.202	≤	24.00
5630		22.42	0.175	23.01	0.200	≤	24.00
5670		19.81	0.096	20.59	0.115	≤	24.00
5755		24.09	0.256	24.63	0.290	≤	30.00
5795		24.98	0.315	25.82	0.382	≤	30.00

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

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode			
Frequency (MHz)	Data Rate	Max_EIRP at any elevation angle > 30° from horizon			Limit (dBm)
		Max. Output Power (dBm)	Elevation angle above 30° Max Gain (dBi)	Elevation angle above 30° EIRP (dBm)	
		ANT-0			
5180	6 M	19.83	-2.10	17.73	≤ 21.00
5200		19.86	-2.10	17.76	≤ 21.00
5220		19.79	-2.10	17.69	≤ 21.00
5240		20.49	-2.10	18.39	≤ 21.00

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max_EIRP at any elevation angle > 30° from horizon			Limit (dBm)
		Max. Output Power (dBm)	Elevation angle above 30° Max Gain (dBi)	Elevation angle above 30° EIRP (dBm)	
		ANT-0			
5180	6.5 M	18.97	-2.10	16.87	≤ 21.00
5200		20.00	-2.10	17.90	≤ 21.00
5220		19.92	-2.10	17.82	≤ 21.00
5240		20.22	-2.10	18.12	≤ 21.00

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max_EIRP at any elevation angle > 30° from horizon			Limit (dBm)
		Max. Output Power (dBm)	Elevation angle above 30° Max Gain (dBi)	Elevation angle above 30° EIRP (dBm)	
		ANT-0			
5190	13.5 M	17.72	-2.10	15.62	≤ 21.00
5230		18.97	-2.10	16.87	≤ 21.00

Transmit power control Measurement

Test Mode	Data Rate	Frequency (MHz)	ANT-1				E.I.R.P. Limit (dBm)
			Max. Outup Power	Max. Gain	E.I.R.P.		
			(dBm)	(dBi)	(dBm)	(W)	
Mode 2	6 M	5260	16.92	7.00	23.92	0.247	≤ 24.00
		5280	16.87	7.00	23.87	0.244	≤ 24.00
		5300	16.61	7.00	23.61	0.230	≤ 24.00
		5320	16.63	7.00	23.63	0.231	≤ 24.00
		5500	17.72	6.00	23.72	0.236	≤ 24.00
		5520	17.58	6.00	23.58	0.228	≤ 24.00
		5540	17.56	6.00	23.56	0.227	≤ 24.00
		5560	17.62	6.00	23.62	0.230	≤ 24.00
		5580	17.53	6.00	23.53	0.225	≤ 24.00
		5600	17.55	6.00	23.55	0.226	≤ 24.00
		5620	17.59	6.00	23.59	0.229	≤ 24.00
		5640	17.58	6.00	23.58	0.228	≤ 24.00
		5660	17.59	6.00	23.59	0.229	≤ 24.00
		5680	17.57	6.00	23.57	0.228	≤ 24.00
		5700	17.96	6.00	23.96	0.249	≤ 24.00
Mode 3	6.5 M	5260	16.72	7.00	23.72	0.236	≤ 24.00
		5280	16.81	7.00	23.81	0.240	≤ 24.00
		5300	16.77	7.00	23.77	0.238	≤ 24.00
		5320	16.86	7.00	23.86	0.243	≤ 24.00
		5500	17.68	6.00	23.68	0.233	≤ 24.00
		5520	17.72	6.00	23.72	0.236	≤ 24.00
		5540	17.71	6.00	23.71	0.235	≤ 24.00
		5560	17.78	6.00	23.78	0.239	≤ 24.00
		5580	17.69	6.00	23.69	0.234	≤ 24.00
		5600	17.67	6.00	23.67	0.233	≤ 24.00
		5620	17.65	6.00	23.65	0.232	≤ 24.00
		5640	17.66	6.00	23.66	0.232	≤ 24.00
		5660	17.68	6.00	23.68	0.233	≤ 24.00
		5680	17.70	6.00	23.70	0.234	≤ 24.00
		5700	17.61	6.00	23.61	0.230	≤ 24.00
Mode 4	13.5 M	5270	16.98	7.00	23.98	0.250	≤ 24.00
		5310	16.89	7.00	23.89	0.245	≤ 24.00
		5510	17.63	6.00	23.63	0.231	≤ 24.00
		5550	17.83	6.00	23.83	0.242	≤ 24.00
		5590	17.80	6.00	23.80	0.240	≤ 24.00
		5630	17.78	6.00	23.78	0.239	≤ 24.00
		5670	17.86	6.00	23.86	0.243	≤ 24.00

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

26 dB RF Bandwidth

Test Mode	Frequency (MHz)	ANT-1
		Measurement Results (MHz)
Mode 2	5180	23.230
	5200	22.680
	5240	23.440
	5260	23.320
	5280	22.410
	5320	22.370
	5500	24.250
	5560	22.630
	5700	24.030
Mode 3	5180	23.660
	5200	24.800
	5240	23.750
	5260	23.070
	5280	23.540
	5320	24.720
	5500	24.350
	5560	24.220
	5700	24.500
Mode 4	5190	47.390
	5230	46.730
	5270	47.620
	5310	47.670
	5510	47.890
	5550	49.180
	5670	47.180

Test Graphs

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

5260 MHz



5280 MHz



5320 MHz



Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

5500 MHz



5560 MHz



5700 MHz

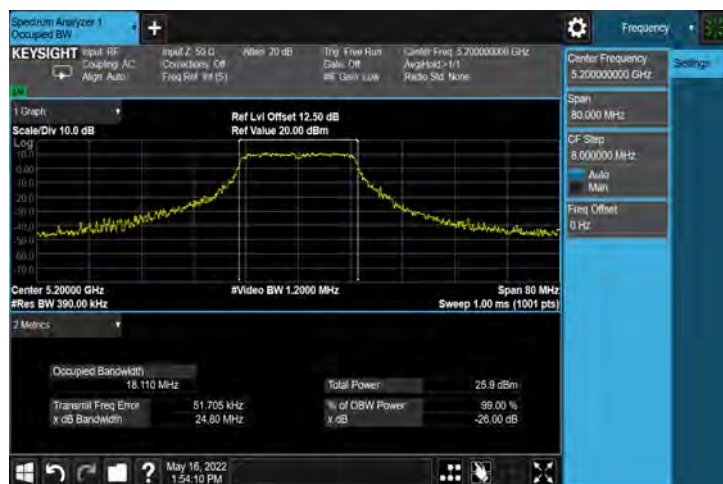


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

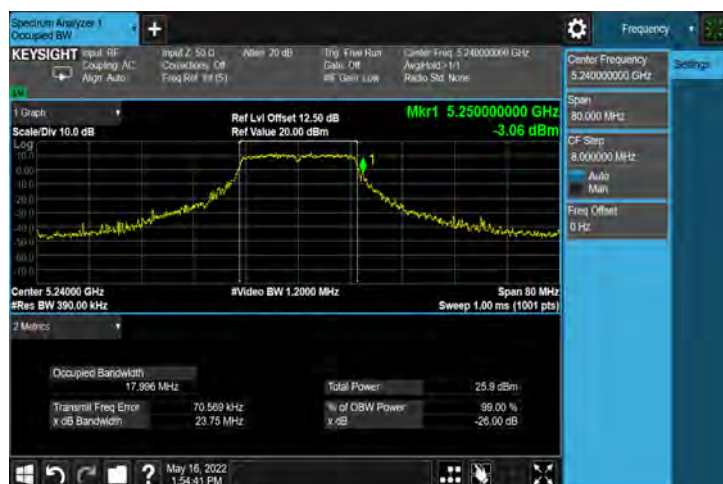
5180 MHz



5200 MHz



5240 MHz

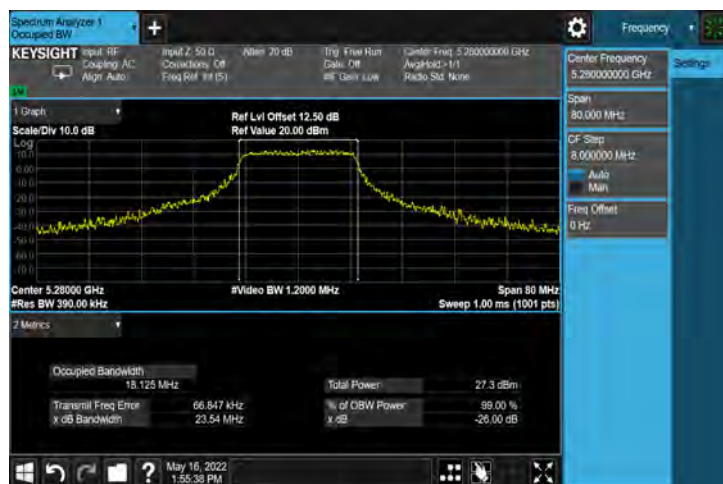


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

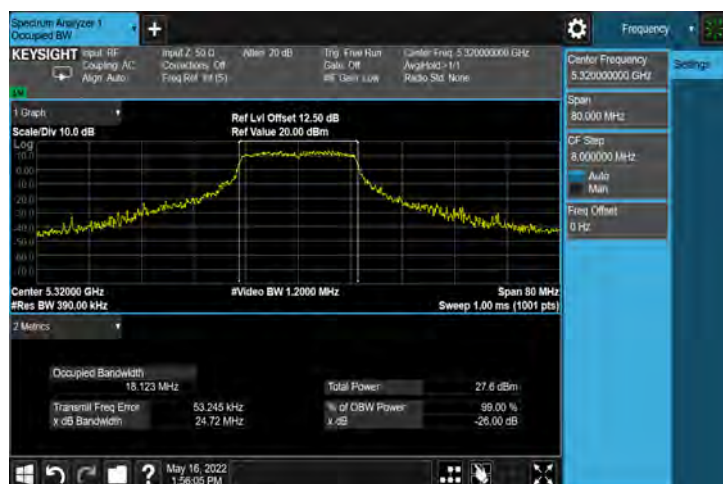
5260 MHz



5280 MHz



5320 MHz

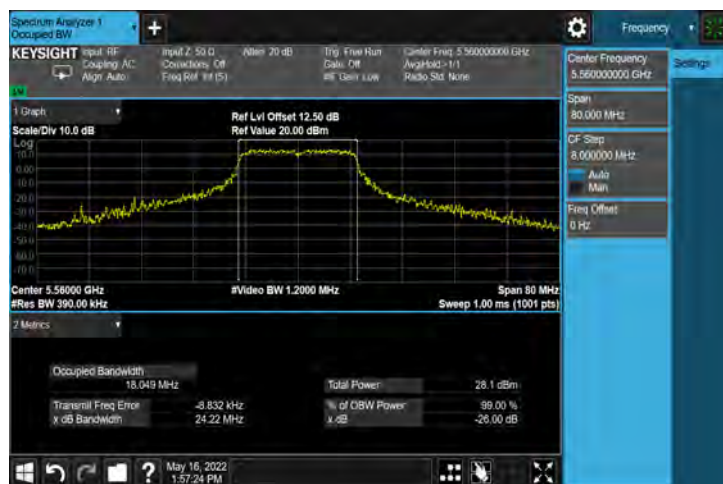


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

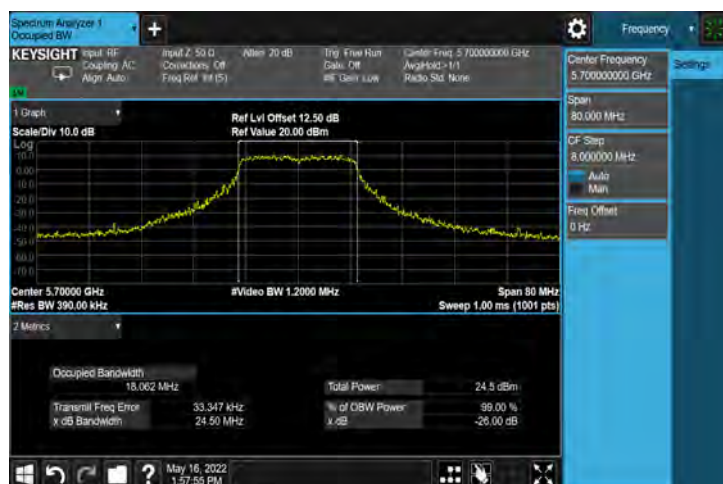
5500 MHz



5560 MHz



5700 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5190 MHz



5230 MHz



5270 MHz

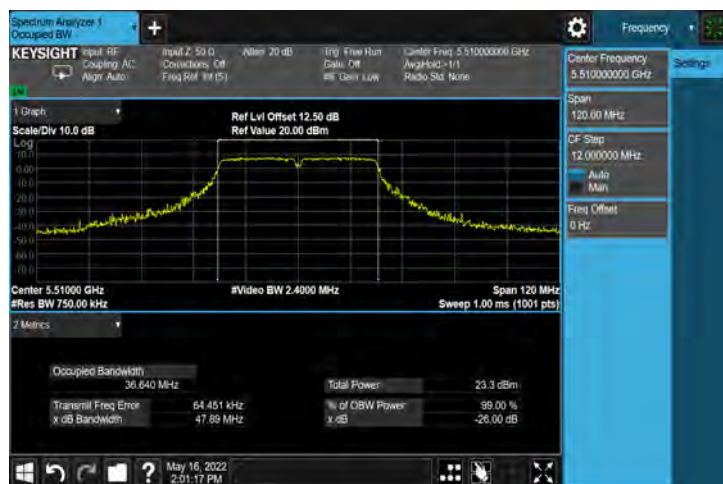


Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

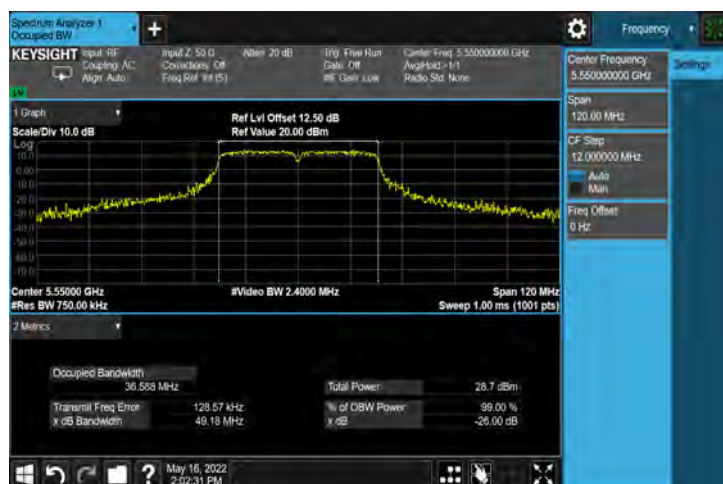
5310 MHz

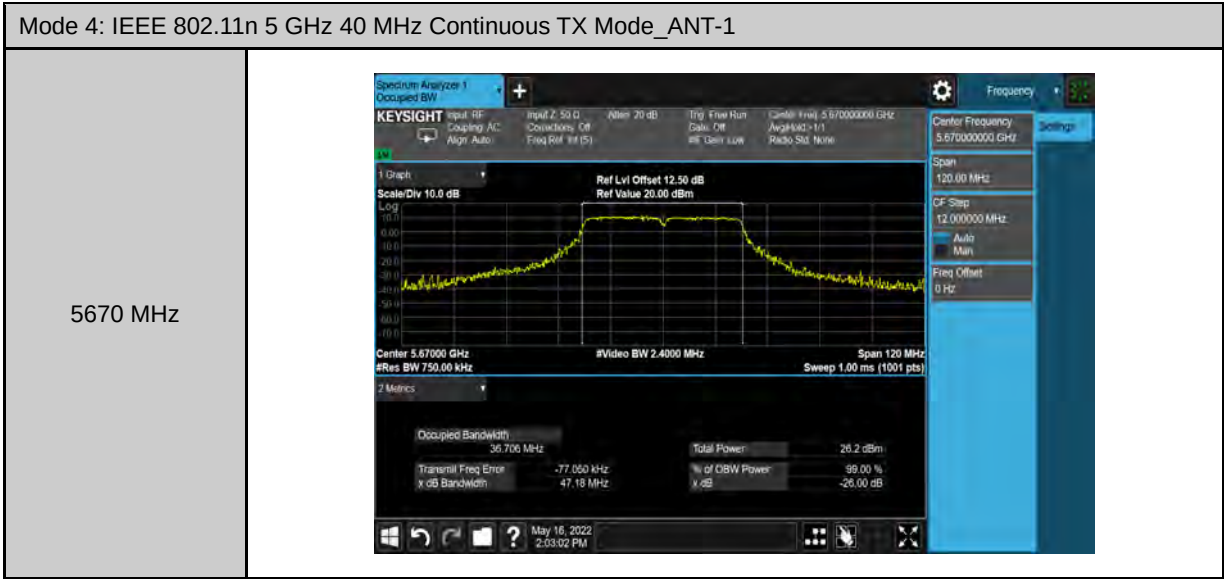


5510 MHz



5550 MHz





6 dB RF Bandwidth Measurement

Test Mode	Frequency (MHz)	ANT-1	Limit (kHz)
		Measurement Results (MHz)	
Mode 2	5745	16340	≥ 500
	5785	16380	≥ 500
	5825	16350	≥ 500
Mode 3	5745	17300	≥ 500
	5785	17580	≥ 500
	5825	17630	≥ 500
Mode 4	5755	35690	≥ 500
	5795	35510	≥ 500

■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

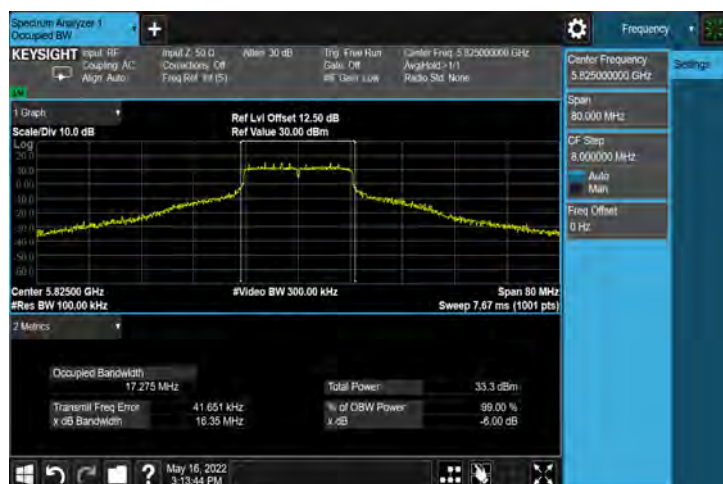
5745 MHz



5785 MHz



5825 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

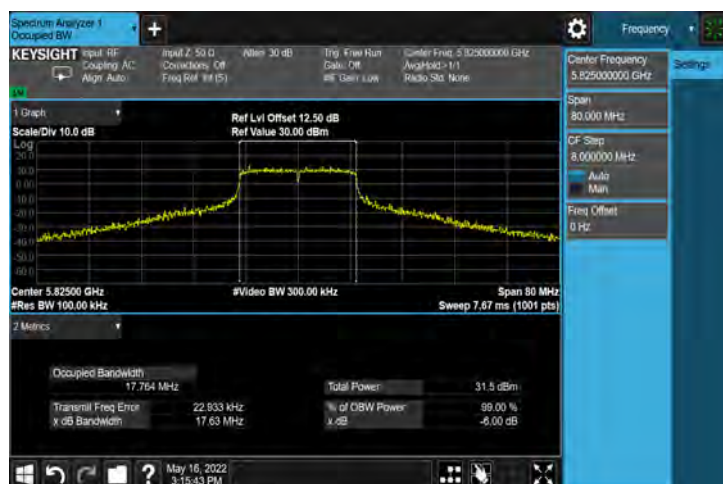
5745 MHz



5785 MHz



5825 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5755 MHz



5795 MHz



Maximum Power Spectral Density Measurement

	Frequency (MHz)	ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 2	5180	8.179	0.053	8.232	≤ 16.00
	5200	8.177	0.053	8.230	≤ 16.00
	5240	8.962	0.053	9.015	≤ 16.00
	5260	9.399	0.053	9.452	≤ 10.00
	5280	9.728	0.053	9.781	≤ 10.00
	5320	9.838	0.053	9.891	≤ 10.00
	5500	10.828	0.053	10.881	≤ 11.00
	5560	10.856	0.053	10.909	≤ 11.00
	5700	8.025	0.053	8.078	≤ 11.00

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

	Frequency (MHz)	ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
Mode 2	5745	6.392	0.053	13.435	≤ 30
	5785	6.180	0.053	13.223	≤ 30
	5825	5.876	0.053	12.919	≤ 30

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)

	Frequency (MHz)	ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 3	5180	7.335	0.057	7.392	≤ 16.00
	5200	8.381	0.057	8.438	≤ 16.00
	5240	8.707	0.057	8.764	≤ 16.00
	5260	9.367	0.057	9.424	≤ 10.00
	5280	9.928	0.057	9.985	≤ 10.00
	5320	9.620	0.057	9.677	≤ 10.00
	5500	10.477	0.057	10.534	≤ 11.00
	5560	10.885	0.057	10.942	≤ 11.00
	5700	7.155	0.057	7.212	≤ 11.00

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

	Frequency (MHz)	ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
Mode 3	5745	5.387	0.057	12.433	≤ 30
	5785	4.965	0.057	12.011	≤ 30
	5825	5.013	0.057	12.059	≤ 30

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)

	Frequency (MHz)	ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 4	5190	3.091	0.110	3.201	≤ 16.00
	5230	4.488	0.110	4.598	≤ 16.00
	5270	5.679	0.110	5.789	≤ 10.00
	5310	3.172	0.110	3.282	≤ 10.00
	5510	2.452	0.110	2.562	≤ 11.00
	5550	7.909	0.110	8.019	≤ 11.00
	5670	5.217	0.110	5.327	≤ 11.00

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

	Frequency (MHz)	ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
Mode 4	5755	1.259	0.110	8.359	30.00
	5795	2.817	0.110	9.917	30.00

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

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

5260 MHz



5280 MHz



5320 MHz



Mode 2: IEEE 802.11a Continuous TX mode_ANT-1

5500 MHz



5560 MHz



5700 MHz



Mode 2: IEEE 802.11a Continuous TX mode_ANT-1

5745 MHz



5785 MHz



5825 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5180 MHz



5200 MHz



5240 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5260 MHz



5280 MHz



5320 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5500 MHz



5560 MHz



5700 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

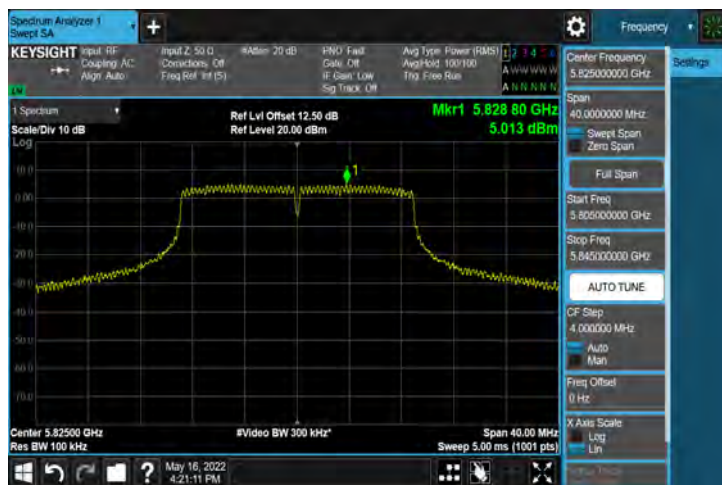
5745 MHz



5785 MHz



5825 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5190 MHz



5230 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5270 MHz



5310 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5510 MHz



5550 MHz

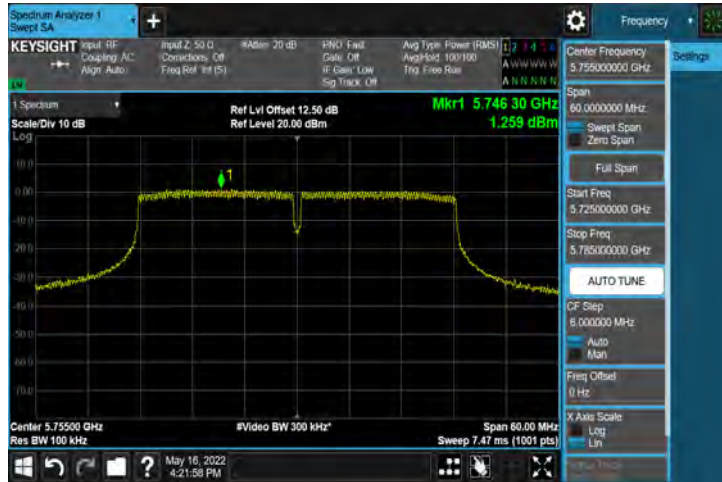


5670 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5755 MHz



5795 MHz



MIMO

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 2	5180	15.5	15.5	ART2-GUI version 2.3
	5200	16.5	16.5	
	5220	16.5	16.5	
	5240	17.5	17.5	
	5260	17.5	17.5	
	5280	18	18	
	5300	18	18	
	5320	17.5	17.5	
	5500	19	19	
	5520	19.5	19.5	
	5540	19.5	19.5	
	5560	19.5	19.5	
	5580	19.5	19.5	
	5600	19.5	19.5	
	5620	19.5	19.5	
	5640	19.5	19.5	
	5660	19.5	19.5	
	5680	19.5	19.5	
	5700	16.5	16.5	
	5745	23.5	23.5	
	5765	23	23	
	5785	23	23	
	5805	23	23	
	5825	23	23	

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 3	5180	14.5	14.5	ART2-GUI version 2.3
	5200	15	15	
	5220	15	15	
	5240	16	16	
	5260	17	17	
	5280	17	17	
	5300	17	17	
	5320	17	17	
	5500	19	19	
	5520	19.5	19.5	
	5540	19.5	19.5	
	5560	19.5	19.5	
	5580	19.5	19.5	
	5600	19.5	19.5	
	5620	19.5	19.5	
	5640	19.5	19.5	
	5660	19.5	19.5	
	5680	19.5	19.5	
	5700	17.5	17.5	
	5745	23	23	
	5765	23	23	
	5785	23	23	
	5805	23	23	
	5825	22.5	22.5	
Mode 4	5190	13.5	13.5	
	5230	14.5	14.5	
	5270	14.5	14.5	
	5310	13.5	13.5	
	5510	13	13	
	5550	19.5	19.5	
	5590	19.5	19.5	
	5630	19.5	19.5	
	5670	16	16	
	5755	19.5	19.5	
	5795	22	22	

Maximum Conducted Output Power and Transmit power control Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT0+1		Limit (dBm)
		Max. Output Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	6 M	15.15	0.033	16.12	0.041	18.67	0.074	≤ 29.00
5200		16.32	0.043	17.49	0.056	19.95	0.099	≤ 29.00
5220		16.26	0.042	17.41	0.055	19.88	0.097	≤ 29.00
5240		17.11	0.051	18.00	0.063	20.59	0.115	≤ 29.00
5260		17.39	0.055	17.57	0.057	20.49	0.112	≤ 23.00
5280		18.47	0.070	18.57	0.072	21.53	0.142	≤ 23.00
5300		18.40	0.069	18.51	0.071	21.47	0.140	≤ 23.00
5320		17.92	0.062	18.32	0.068	21.13	0.130	≤ 23.00
5500		18.22	0.066	18.91	0.078	21.59	0.144	≤ 24.00
5520		19.20	0.083	19.61	0.091	22.42	0.175	≤ 24.00
5540		19.21	0.083	19.59	0.091	22.41	0.174	≤ 24.00
5560		19.29	0.085	19.69	0.093	22.50	0.178	≤ 24.00
5580		19.19	0.083	19.60	0.091	22.41	0.174	≤ 24.00
5600		19.18	0.083	19.63	0.092	22.42	0.175	≤ 24.00
5620		19.20	0.083	19.61	0.091	22.42	0.175	≤ 24.00
5640		19.17	0.083	19.58	0.091	22.39	0.173	≤ 24.00
5660		19.16	0.082	19.57	0.091	22.38	0.173	≤ 24.00
5680		19.18	0.083	19.60	0.091	22.41	0.174	≤ 24.00
5700		15.87	0.039	16.42	0.044	19.16	0.082	≤ 24.00
5745		24.42	0.277	24.68	0.294	27.56	0.570	≤ 30.00
5765		23.02	0.200	23.65	0.232	26.36	0.432	≤ 30.00
5785		23.09	0.204	23.71	0.235	26.42	0.439	≤ 30.00
5805		23.03	0.201	23.63	0.231	26.35	0.432	≤ 30.00
5825		22.71	0.187	23.55	0.226	26.16	0.413	≤ 30.00

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

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT0+1		Limit (dBm)
		Max. Output Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	13 M	14.41	0.028	14.95	0.031	17.70	0.059	≤ 29.00
5200		15.03	0.032	15.63	0.037	18.35	0.068	≤ 29.00
5220		14.96	0.031	15.55	0.036	18.28	0.067	≤ 29.00
5240		15.85	0.038	16.17	0.041	19.02	0.080	≤ 29.00
5260		17.13	0.052	17.37	0.055	20.26	0.106	≤ 23.00
5280		17.28	0.053	17.52	0.056	20.41	0.110	≤ 23.00
5300		17.21	0.053	17.43	0.055	20.33	0.108	≤ 23.00
5320		17.38	0.055	17.63	0.058	20.52	0.113	≤ 23.00
5500		18.32	0.068	19.22	0.084	21.80	0.151	≤ 24.00
5520		19.33	0.086	19.60	0.091	22.48	0.177	≤ 24.00
5540		19.35	0.086	19.59	0.091	22.48	0.177	≤ 24.00
5560		19.41	0.087	19.66	0.092	22.55	0.180	≤ 24.00
5580		19.30	0.085	19.58	0.091	22.45	0.176	≤ 24.00
5600		19.29	0.085	19.60	0.091	22.46	0.176	≤ 24.00
5620		19.32	0.086	19.63	0.092	22.49	0.177	≤ 24.00
5640		19.31	0.085	19.61	0.091	22.47	0.177	≤ 24.00
5660		19.30	0.085	19.57	0.091	22.45	0.176	≤ 24.00
5680		19.28	0.085	19.59	0.091	22.45	0.176	≤ 24.00
5700		16.69	0.047	17.33	0.054	20.03	0.101	≤ 24.00
5745		23.79	0.239	23.95	0.248	26.88	0.488	≤ 30.00
5765		23.16	0.207	23.90	0.245	26.56	0.452	≤ 30.00
5785		23.21	0.209	23.97	0.249	26.62	0.459	≤ 30.00
5805		23.13	0.206	23.92	0.247	26.55	0.452	≤ 30.00
5825		22.20	0.166	22.79	0.190	25.52	0.356	≤ 30.00

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

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode							
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		Limit (dBm)	
		Max. Output Power							
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)		
5190	27 M	13.71	0.023	14.15	0.026	16.95	0.049	≤	29.00
5230		14.45	0.028	14.73	0.030	17.60	0.058	≤	29.00
5270		15.02	0.032	15.65	0.037	18.36	0.068	≤	23.00
5310		13.26	0.021	14.55	0.029	16.96	0.050	≤	23.00
5510		13.03	0.020	13.10	0.020	16.08	0.041	≤	24.00
5550		19.03	0.080	19.78	0.095	22.43	0.175	≤	24.00
5590		18.96	0.079	19.70	0.093	22.36	0.172	≤	24.00
5630		18.95	0.079	19.72	0.094	22.36	0.172	≤	24.00
5670		15.57	0.036	15.69	0.037	18.64	0.073	≤	24.00
5755		20.35	0.108	20.53	0.113	23.45	0.221	≤	30.00
5795		22.19	0.166	22.71	0.187	25.47	0.352	≤	30.00

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

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode			
Frequency (MHz)	Data Rate	Max_EIRP at any elevation angle > 30° from horizon			Limit (dBm)
		Max. Output Power (dBm)	Elevation angle above 30° Max Gain (dBi)	Elevation angle above 30° EIRP (dBm)	
		ANT-0+1			
5180	6 M	18.67	-2.10	16.57	≤ 21.00
5200		19.95	-2.10	17.85	≤ 21.00
5220		19.88	-2.10	17.78	≤ 21.00
5240		20.59	-2.10	18.49	≤ 21.00

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max_EIRP at any elevation angle > 30° from horizon			Limit (dBm)
		Max. Output Power (dBm)	Elevation angle above 30° Max Gain (dBi)	Elevation angle above 30° EIRP (dBm)	
		ANT-0+1			
5180	13 M	17.70	-2.10	15.60	≤ 21.00
5200		18.35	-2.10	16.25	≤ 21.00
5220		18.28	-2.10	16.18	≤ 21.00
5240		19.02	-2.10	16.92	≤ 21.00

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max_EIRP at any elevation angle > 30 ° from horizon			Limit (dBm)
		Max. Output Power (dBm)	Elevation angle above 30 ° Max Gain (dBi)	Elevation angle above 30 ° EIRP (dBm)	
		ANT-0+1			
5190	27 M	16.95	-2.10	14.85	≤ 21.00
5230		17.60	-2.10	15.50	≤ 21.00

Transmit power control Measurement

Test Mode	Data Rate	Frequency (MHz)	ANT-0+1				E.I.R.P. Limit (dBm)
			Max. Outup Power	Max. Gain	E.I.R.P.		
			(dBm)	(dBi)	(dBm)	(W)	
Mode 2	6 M	5260	16.95	7.00	23.95	0.248	≤ 24.00
		5280	16.97	7.00	23.97	0.249	≤ 24.00
		5300	16.92	7.00	23.92	0.246	≤ 24.00
		5320	16.84	7.00	23.84	0.242	≤ 24.00
		5500	17.79	6.00	23.79	0.239	≤ 24.00
		5520	17.58	6.00	23.58	0.228	≤ 24.00
		5540	17.56	6.00	23.56	0.227	≤ 24.00
		5560	17.63	6.00	23.63	0.231	≤ 24.00
		5580	17.56	6.00	23.56	0.227	≤ 24.00
		5600	17.56	6.00	23.56	0.227	≤ 24.00
		5620	17.55	6.00	23.55	0.226	≤ 24.00
		5640	17.58	6.00	23.58	0.228	≤ 24.00
		5660	17.55	6.00	23.55	0.227	≤ 24.00
		5680	17.52	6.00	23.52	0.225	≤ 24.00
		5700	17.69	6.00	23.69	0.234	≤ 24.00
Mode 3	13 M	5260	16.88	7.00	23.88	0.244	≤ 24.00
		5280	16.92	7.00	23.92	0.246	≤ 24.00
		5300	16.85	7.00	23.85	0.243	≤ 24.00
		5320	16.71	7.00	23.71	0.235	≤ 24.00
		5500	17.73	6.00	23.73	0.236	≤ 24.00
		5520	17.61	6.00	23.61	0.229	≤ 24.00
		5540	17.59	6.00	23.59	0.229	≤ 24.00
		5560	17.65	6.00	23.65	0.231	≤ 24.00
		5580	17.58	6.00	23.58	0.228	≤ 24.00
		5600	17.56	6.00	23.56	0.227	≤ 24.00
		5620	17.58	6.00	23.58	0.228	≤ 24.00
		5640	17.59	6.00	23.59	0.229	≤ 24.00
		5660	17.58	6.00	23.58	0.228	≤ 24.00
		5680	17.56	6.00	23.56	0.227	≤ 24.00
		5700	17.78	6.00	23.78	0.239	≤ 24.00
Mode 4	27 M	5270	16.67	7.00	23.67	0.233	≤ 24.00
		5310	16.96	7.00	23.96	0.249	≤ 24.00
		5510	16.08	6.00	22.08	0.161	≤ 24.00
		5550	17.68	6.00	23.68	0.233	≤ 24.00
		5590	17.62	6.00	23.62	0.230	≤ 24.00
		5630	17.60	6.00	23.60	0.229	≤ 24.00
		5670	17.75	6.00	23.75	0.237	≤ 24.00

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

26 dB RF Bandwidth

Test Mode	Frequency (MHz)	ANT-0	ANT-1
		Measurement Results (MHz)	
Mode 2	5180	22.710	21.520
	5200	23.700	22.090
	5240	22.220	21.770
	5260	22.630	21.770
	5280	22.190	22.040
	5320	22.100	22.270
	5500	22.970	21.510
	5560	21.470	21.670
	5700	23.260	22.730
Mode 3	5180	23.770	22.700
	5200	22.980	23.080
	5240	23.340	23.570
	5260	23.940	23.100
	5280	22.890	23.300
	5320	24.830	22.500
	5500	23.740	22.630
	5560	23.330	23.170
	5700	23.590	23.600
Mode 4	5190	47.680	45.510
	5230	47.080	46.790
	5270	47.110	46.240
	5310	46.690	46.850
	5510	47.530	45.340
	5550	49.910	46.340
	5670	45.250	46.150

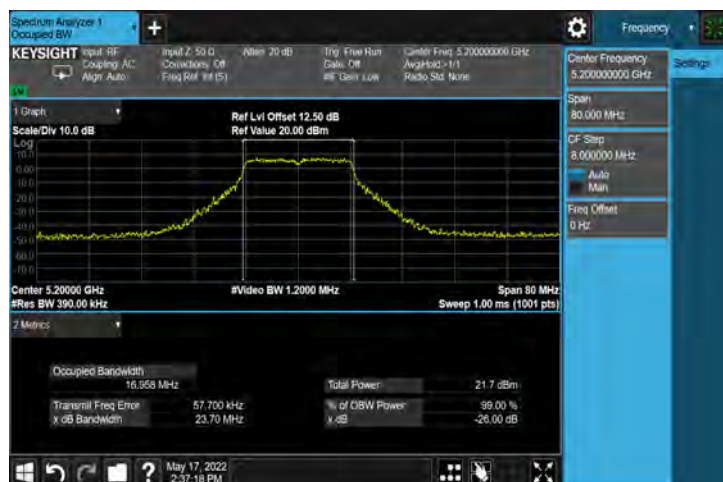
■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX Mode_ANT-0

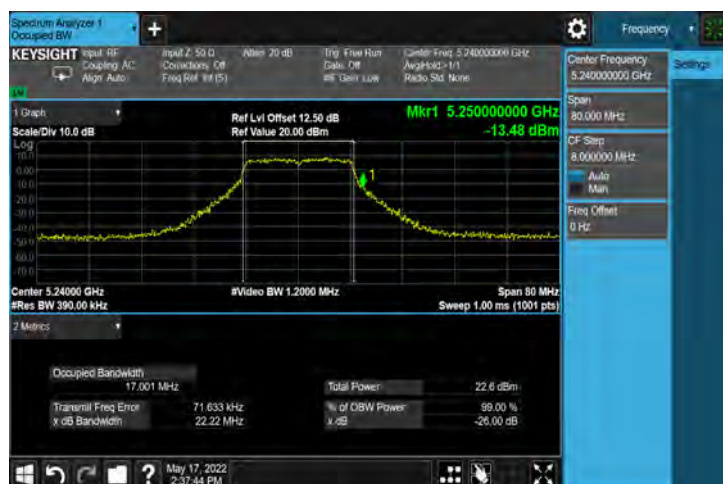
5180 MHz



5200 MHz



5240 MHz

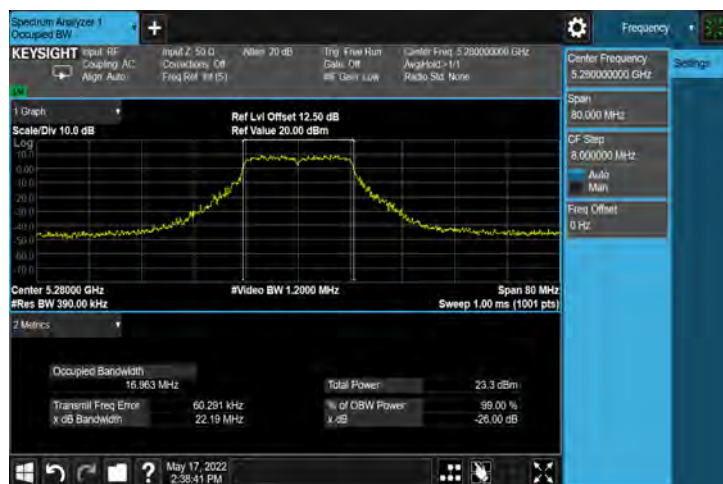


Mode 2: IEEE 802.11a Continuous TX Mode_ANT-0

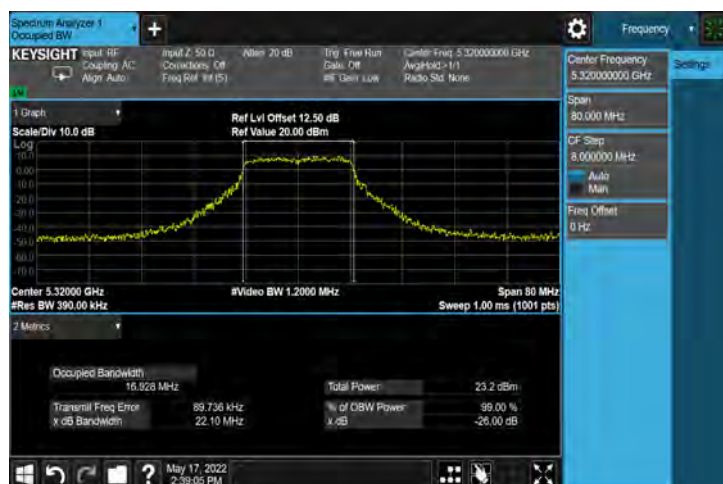
5260 MHz



5280 MHz



5320 MHz

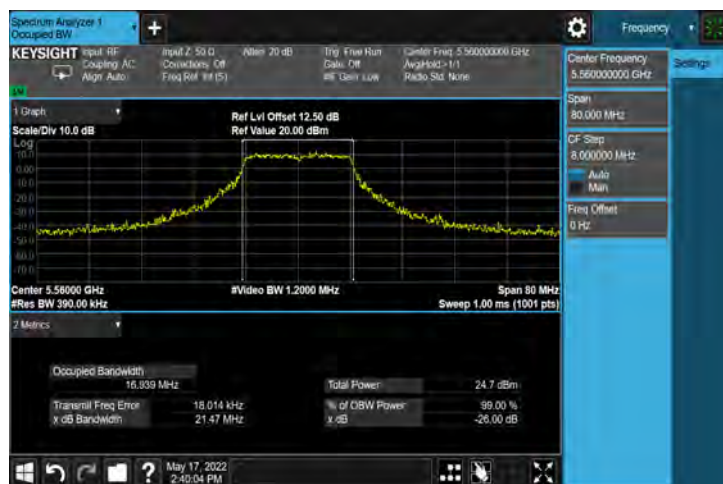


Mode 2: IEEE 802.11a Continuous TX Mode_ANT-0

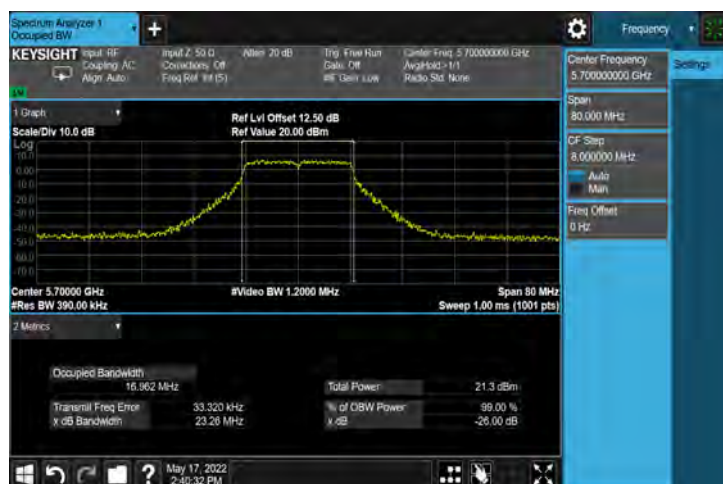
5500 MHz



5560 MHz



5700 MHz

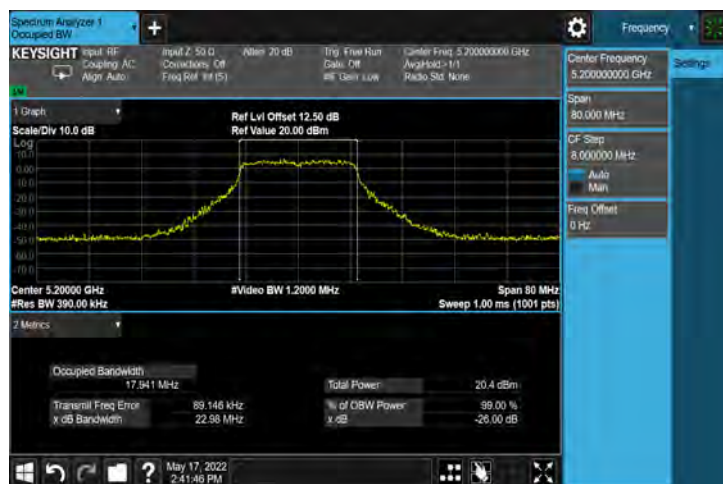


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-0

5180 MHz



5200 MHz



5240 MHz

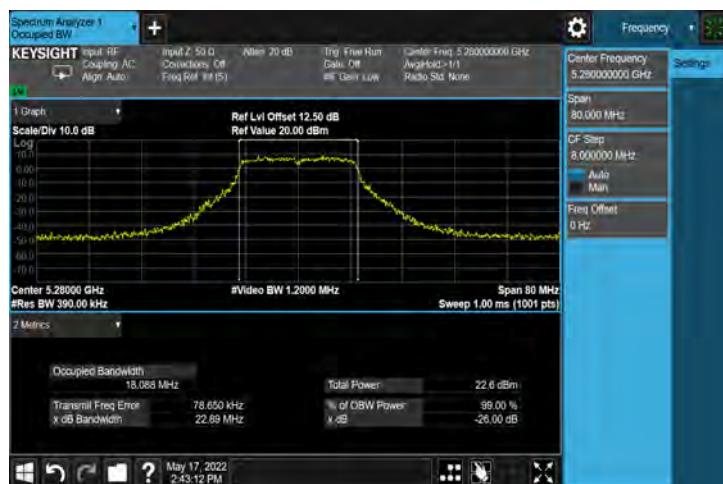


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-0

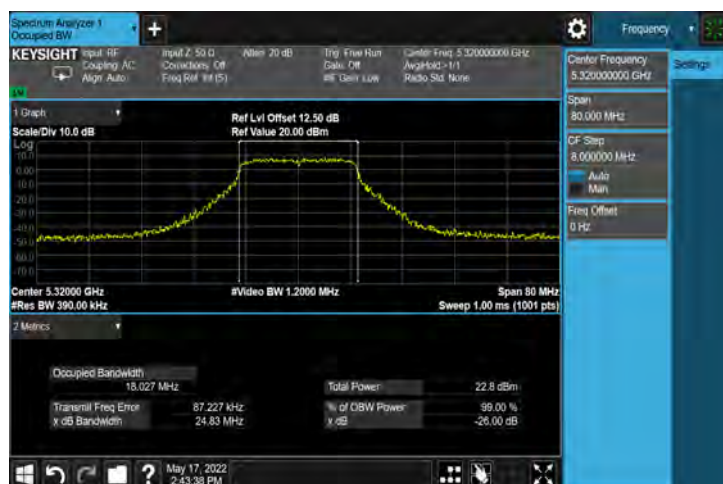
5260 MHz



5280 MHz



5320 MHz



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

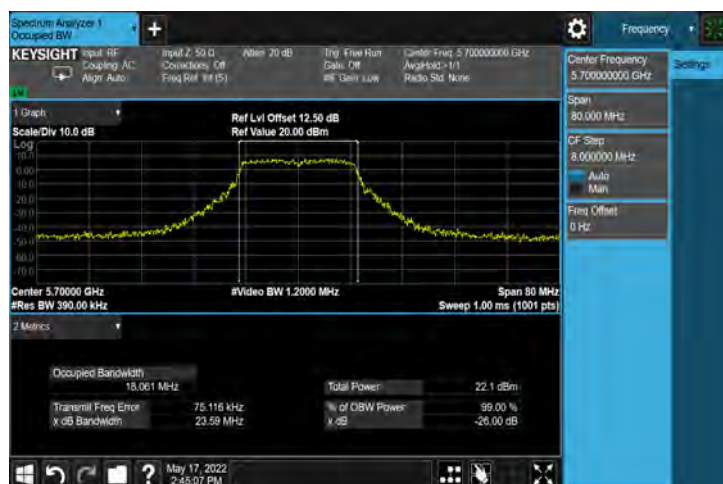
5500 MHz



5560 MHz



5700 MHz



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

5190 MHz



5230 MHz



5270 MHz



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

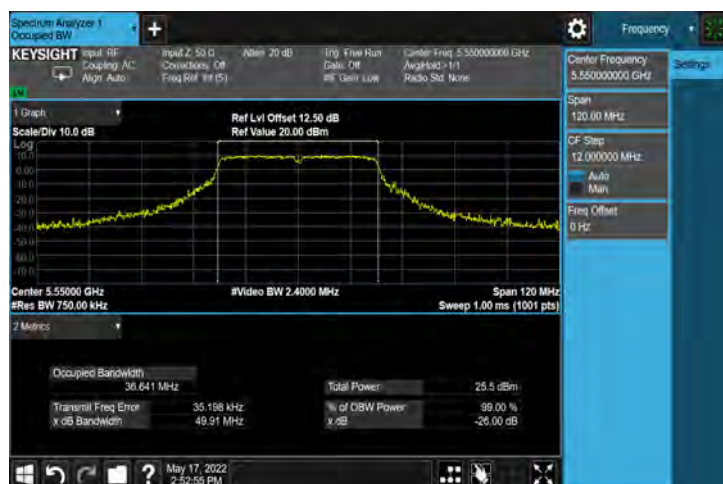
5310 MHz

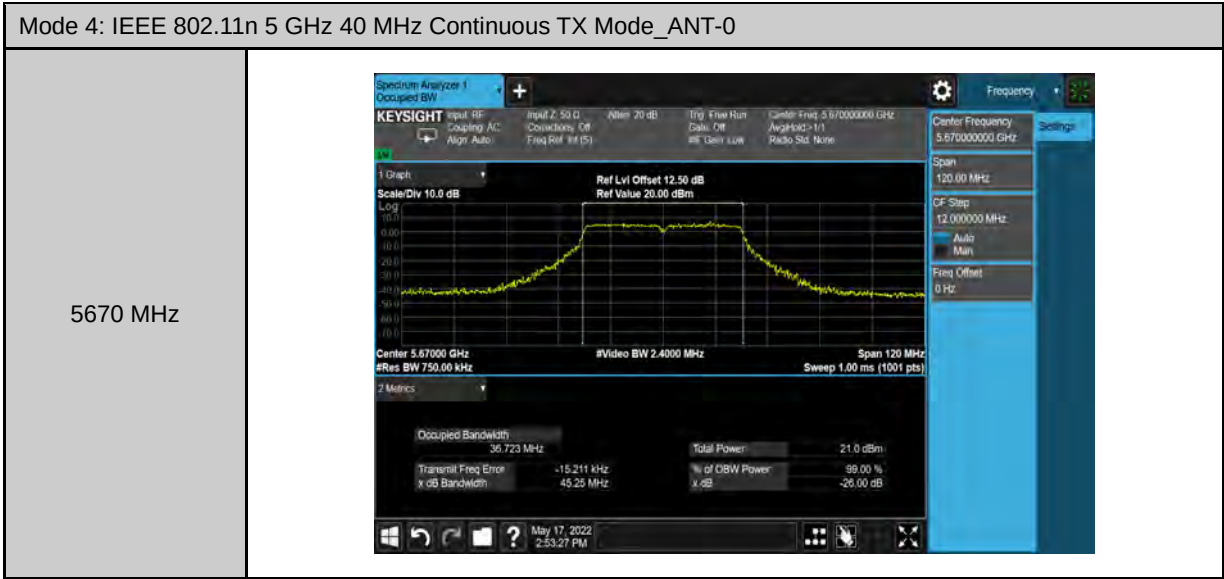


5510 MHz



5550 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

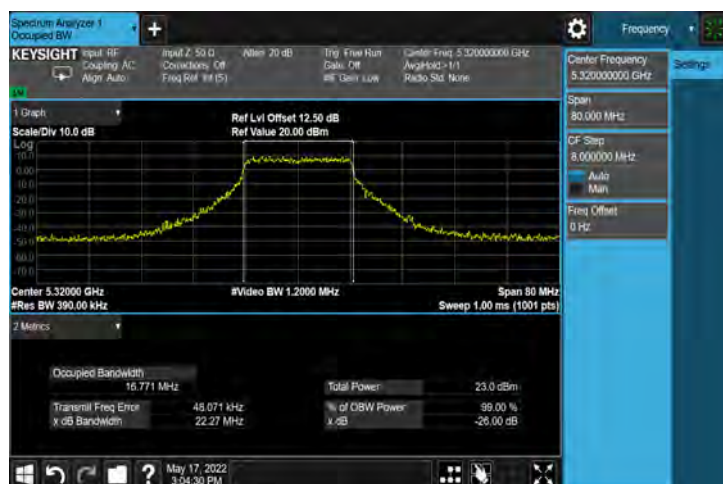
5260 MHz



5280 MHz



5320 MHz



Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

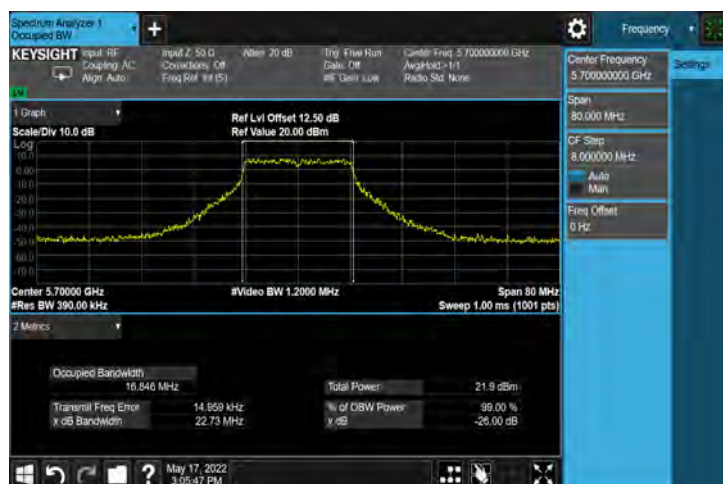
5500 MHz



5560 MHz



5700 MHz

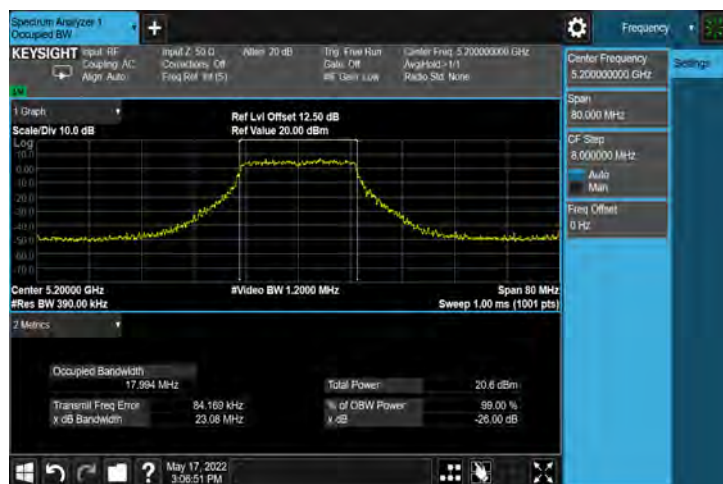


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5180 MHz



5200 MHz



5240 MHz

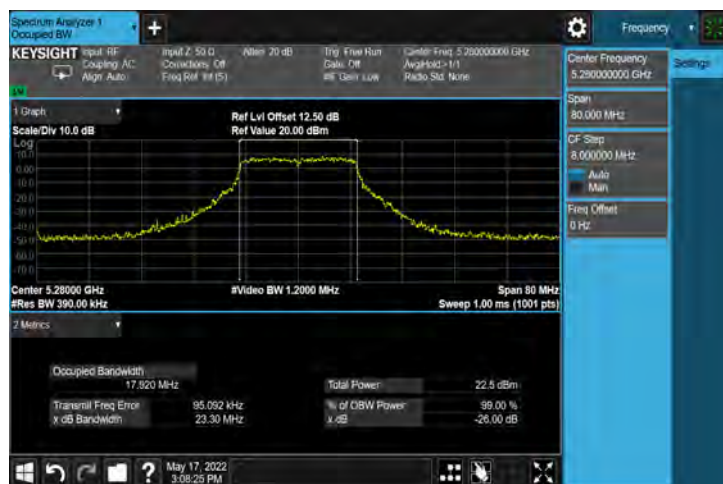


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

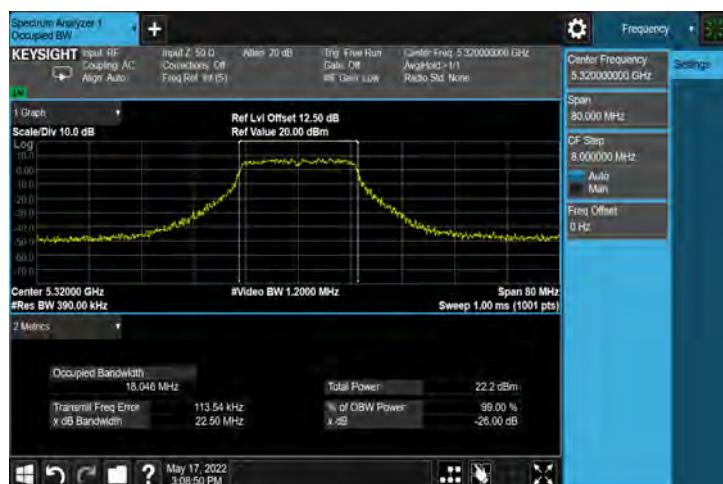
5260 MHz



5280 MHz



5320 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

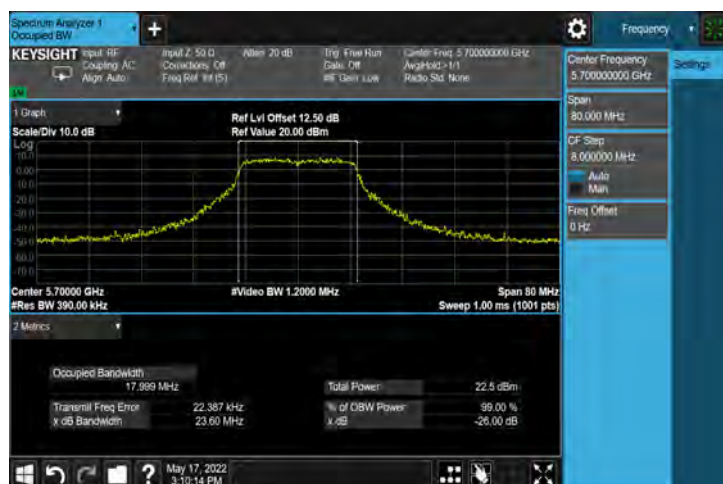
5500 MHz



5560 MHz



5700 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

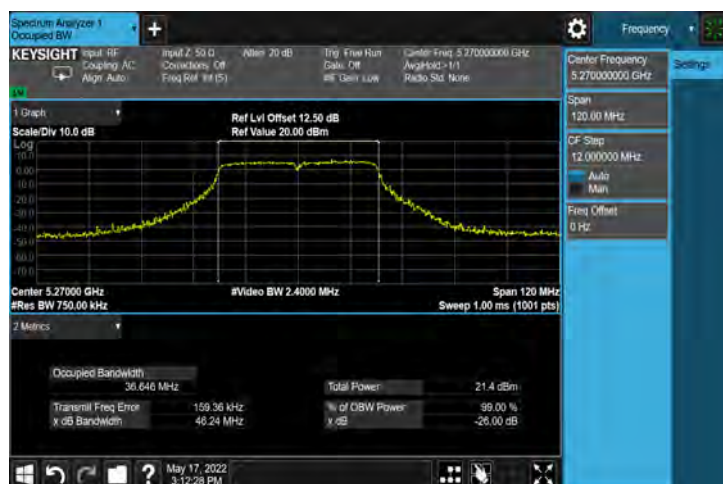
5190 MHz



5230 MHz



5270 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5310 MHz

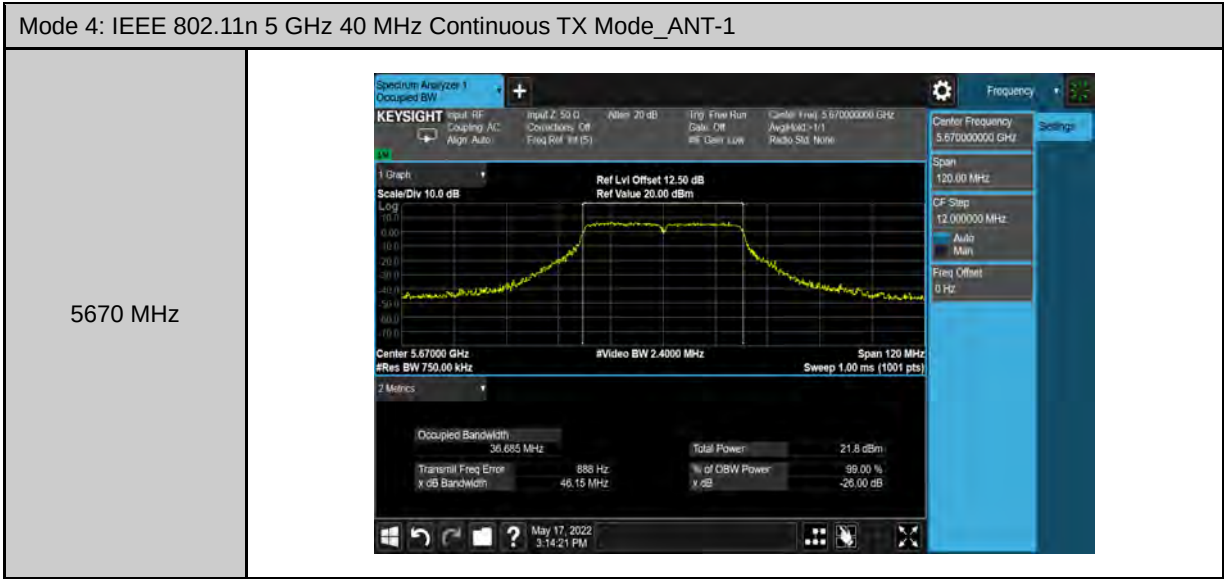


5510 MHz



5550 MHz





6 dB RF Bandwidth Measurement

Test Mode	Frequency (MHz)	ANT-0	ANT-1	Limit (kHz)
		Measurement Results (MHz)	Measurement Results (MHz)	
Mode 2	5745	16390	16420	≥ 500
	5785	16380	16450	≥ 500
	5825	16510	16430	≥ 500
Mode 3	5745	17210	17570	≥ 500
	5785	17370	17160	≥ 500
	5825	17330	17630	≥ 500
Mode 4	5755	35780	36070	≥ 500
	5795	35950	35760	≥ 500

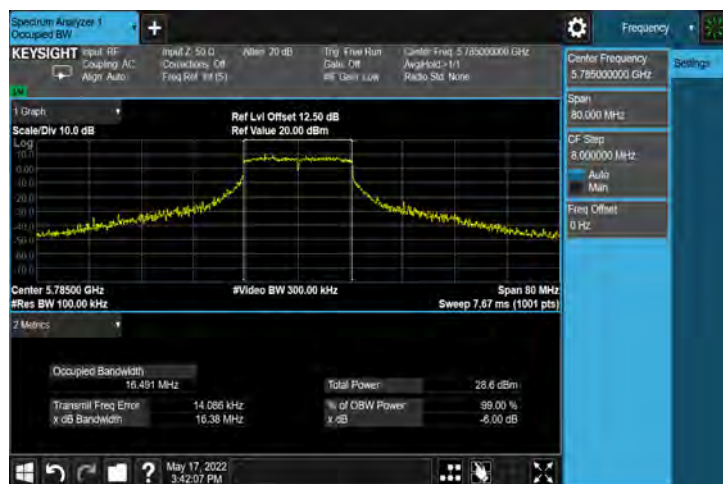
■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX Mode_ANT-0

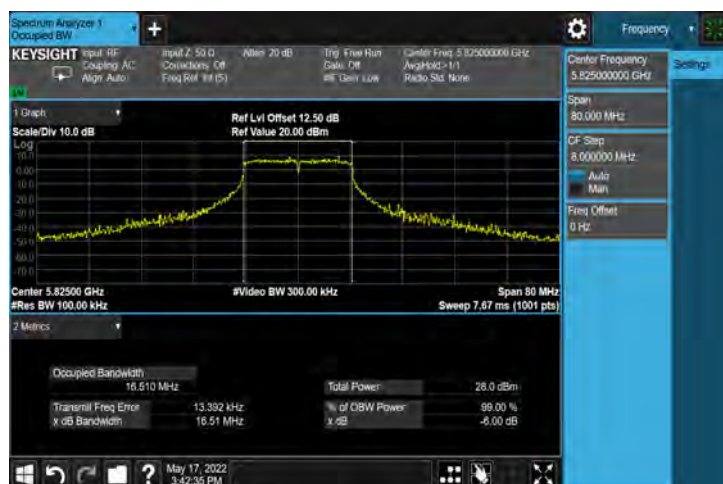
5745 MHz



5785 MHz



5825 MHz



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

5745 MHz



5785 MHz



5825 MHz



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

5755 MHz



5795 MHz



Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

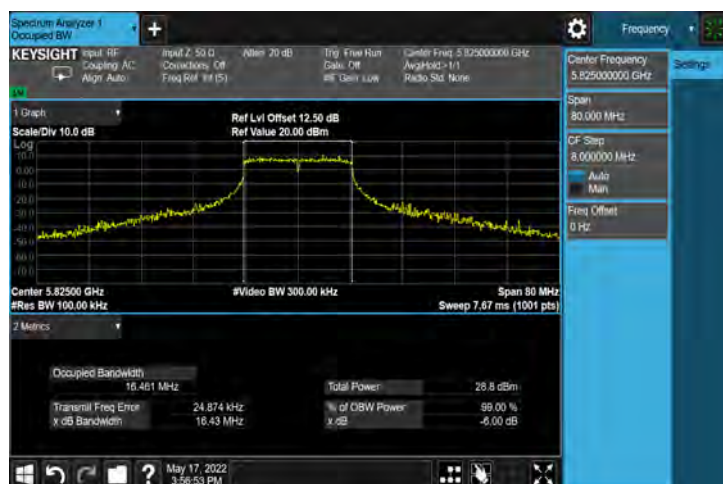
5745 MHz



5785 MHz



5825 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

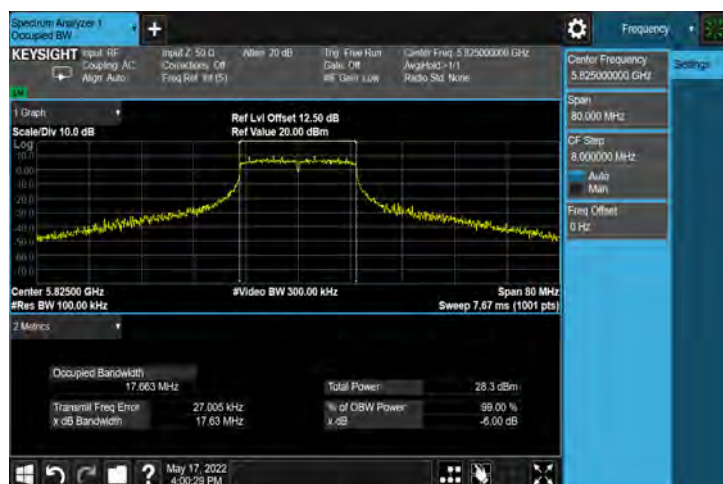
5745 MHz



5785 MHz



5825 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5755 MHz



5795 MHz



Maximum Power Spectral Density Measurement

	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/MHz)
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	
Mode 2	5180	2.770	0.074	2.844	4.338	0.074	4.412	≤ 16.00
	5200	3.896	0.074	3.970	5.250	0.074	5.324	≤ 16.00
	5240	4.921	0.074	4.995	6.353	0.074	6.427	≤ 16.00
	5260	5.573	0.074	5.647	6.175	0.074	6.249	≤ 10.00
	5280	6.060	0.074	6.134	6.926	0.074	7.000	≤ 10.00
	5320	5.793	0.074	5.867	6.262	0.074	6.336	≤ 10.00
	5500	6.193	0.074	6.267	6.990	0.074	7.064	≤ 11.00
	5560	7.095	0.074	7.169	8.188	0.074	8.262	≤ 11.00
	5700	3.378	0.074	3.452	4.963	0.074	5.037	≤ 11.00

	Frequency (MHz)	ANT-0+1	Limit (dBm/MHz)
		(dBm/MHz)	
Mode 2	5180	6.709	≤ 16.00
	5200	7.710	≤ 16.00
	5240	8.780	≤ 16.00
	5260	8.969	≤ 10.00
	5280	9.599	≤ 10.00
	5320	9.118	≤ 10.00
	5500	9.694	≤ 11.00
	5560	10.760	≤ 11.00
	5700	7.327	≤ 11.00

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

Mode 2	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745	2.968	0.074	10.032	3.957	0.074	11.021	≤ 30
	5785	2.327	0.074	9.391	3.882	0.074	10.946	≤ 30
	5825	1.168	0.074	8.232	2.133	0.074	9.197	≤ 30

Mode 2	Frequency (MHz)	ANT-0+1		Limit
		Calculated (dBm/500 kHz)		(dBm/500 kHz)
	5745	13.565		≤ 30
	5785	13.248		≤ 30
	5825	11.751		≤ 30

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)

	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/MHz)
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	
Mode 3	5180	1.714	0.068	1.782	2.697	0.068	2.765	≤ 16.00
	5200	2.895	0.068	2.963	3.675	0.068	3.743	≤ 16.00
	5240	3.919	0.068	3.987	4.549	0.068	4.617	≤ 16.00
	5260	5.101	0.068	5.169	5.518	0.068	5.586	≤ 10.00
	5280	5.272	0.068	5.340	5.342	0.068	5.410	≤ 10.00
	5320	5.381	0.068	5.449	5.629	0.068	5.697	≤ 10.00
	5500	6.762	0.068	6.830	6.945	0.068	7.013	≤ 11.00
	5560	7.235	0.068	7.303	8.293	0.068	8.361	≤ 11.00
	5700	5.389	0.068	5.457	5.017	0.068	5.085	≤ 11.00

	Frequency (MHz)	ANT-0+1	Limit (dBm/MHz)
		(dBm/MHz)	
Mode 3	5180	5.311	≤ 16.00
	5200	6.381	≤ 16.00
	5240	7.324	≤ 16.00
	5260	8.393	≤ 10.00
	5280	8.385	≤ 10.00
	5320	8.585	≤ 10.00
	5500	9.933	≤ 11.00
	5560	10.874	≤ 11.00
	5700	8.285	≤ 11.00

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

Mode 3	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745	2.430	0.068	9.488	3.412	0.068	10.470	≤ 30
	5785	1.676	0.068	8.734	2.893	0.068	9.951	≤ 30
	5825	0.375	0.068	7.433	1.836	0.068	8.894	≤ 30

Mode 3	Frequency (MHz)	ANT-0+1		Limit
		Calculated (dBm/500 kHz)		(dBm/500 kHz)
	5745	13.017		≤ 30
	5785	12.395		≤ 30
	5825	11.235		≤ 30

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)

	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/MHz)
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	
Mode 4	5190	-1.059	0.110	-0.949	-0.351	0.110	-0.241	≤ 16.00
	5230	-0.029	0.110	0.081	0.323	0.110	0.433	≤ 16.00
	5270	0.369	0.110	0.479	0.579	0.110	0.689	≤ 10.00
	5310	-0.516	0.110	-0.406	-0.898	0.110	-0.788	≤ 10.00
	5510	-3.496	0.110	-3.386	-2.085	0.110	-1.975	≤ 11.00
	5550	4.686	0.110	4.796	4.159	0.110	4.269	≤ 11.00
	5670	0.173	0.110	0.283	0.991	0.110	1.101	≤ 11.00

	Frequency (MHz)	ANT-0+1	Limit (dBm/MHz)
		(dBm/MHz)	
Mode 4	5190	2.430	≤ 16.00
	5230	3.271	≤ 16.00
	5270	3.596	≤ 10.00
	5310	2.417	≤ 10.00
	5510	0.387	≤ 11.00
	5550	7.551	≤ 11.00
	5670	3.721	≤ 11.00

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

Mode 4	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5755	-3.431	0.110	3.669	-3.054	0.110	4.046	≤ 30
	5795	-2.476	0.110	4.624	-0.621	0.110	6.479	≤ 30

Mode 4	Frequency (MHz)	ANT-0+1	Limit
		Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5755	6.872	≤ 30
	5795	8.660	≤ 30

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)

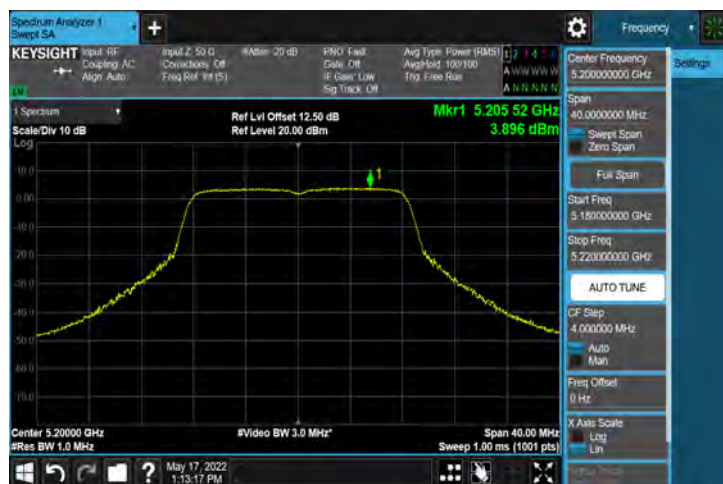
■ Test Graphs

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

5260 MHz



5280 MHz



5320 MHz

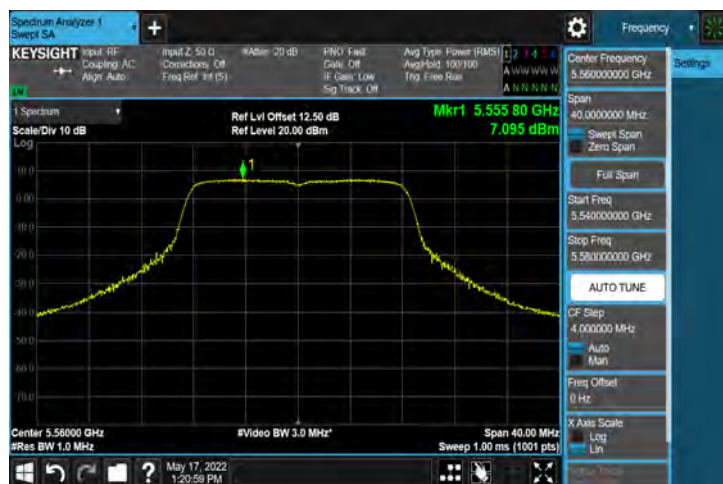


Mode 2: IEEE 802.11a Continuous TX Mode_ANT-0

5500 MHz



5560 MHz



5700 MHz



Mode 2: IEEE 802.11a Continuous TX Mode_ANT-0

5745 MHz



5785 MHz



5825 MHz



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

5180 MHz



5200 MHz



5240 MHz



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

5260 MHz



5280 MHz



5320 MHz



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

5500 MHz

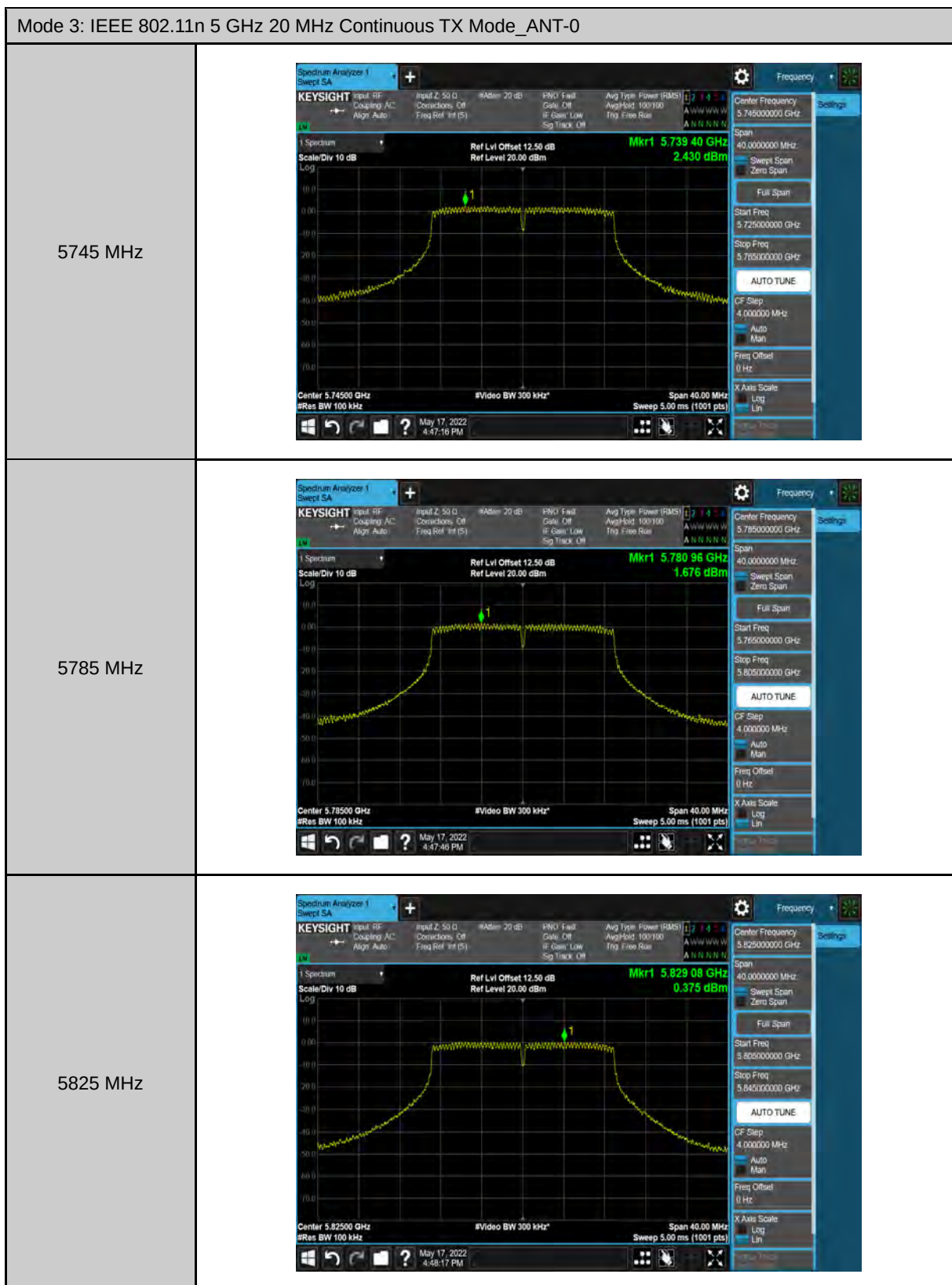


5560 MHz



5700 MHz





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

5190 MHz



5230 MHz



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

5270 MHz



5310 MHz



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

5510 MHz



5550 MHz



5670 MHz



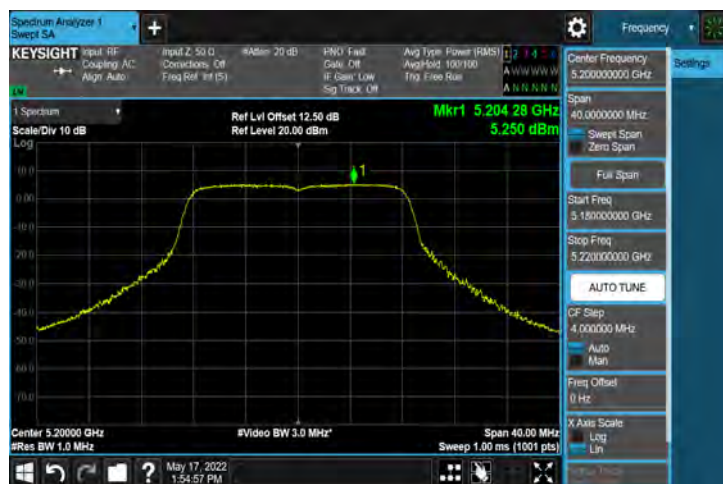


Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

5180 MHz



5200 MHz



5240 MHz



Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

5260 MHz



5280 MHz



5320 MHz



Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

5500 MHz



5560 MHz

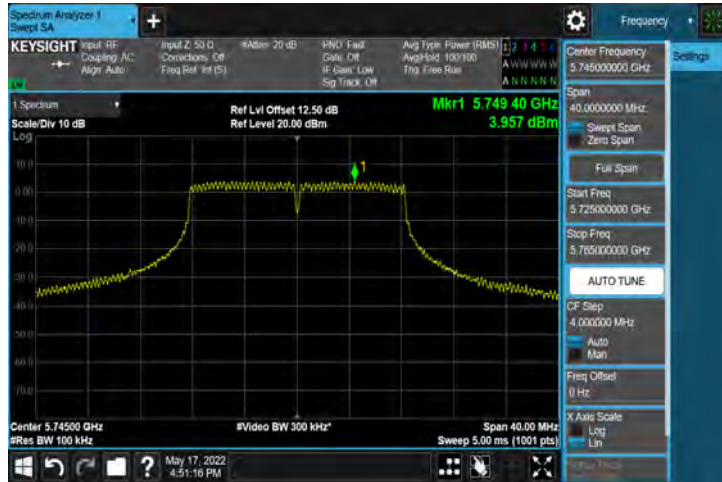


5700 MHz

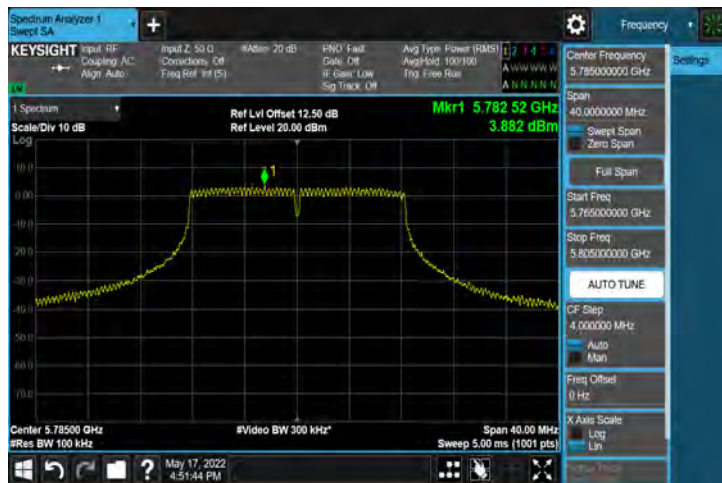


Mode 2: IEEE 802.11a Continuous TX Mode_ANT-1

5745 MHz



5785 MHz



5825 MHz

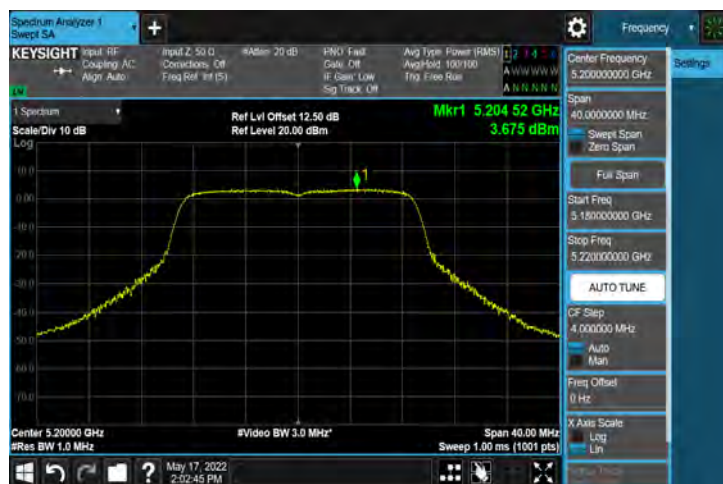


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5180 MHz



5200 MHz



5240 MHz

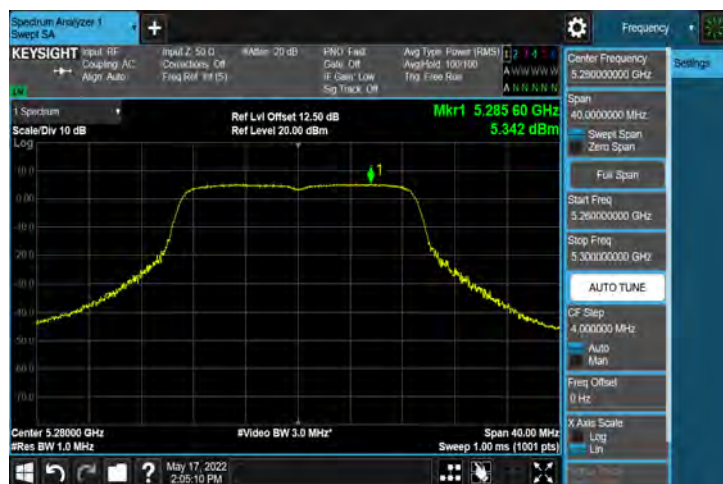


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5260 MHz



5280 MHz



5320 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5500 MHz



5560 MHz



5700 MHz

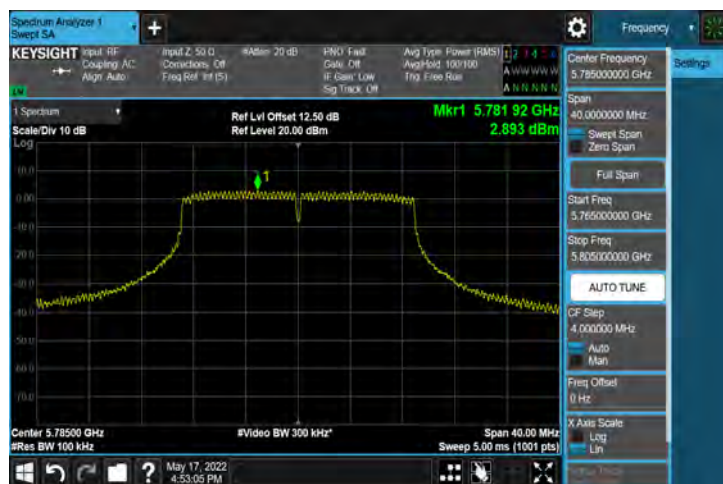


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

5745 MHz



5785 MHz



5825 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1	
5190 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a spectrum plot with a yellow trace showing a signal centered at 5.19000 GHz. The plot has a scale of 10 dB and a resolution bandwidth of 1.0 MHz. A marker is placed at 5.200 44 GHz with a reading of -0.351 dBm. The right-hand settings panel shows the center frequency set to 5.19000000 GHz, span to 60.000000 MHz, and various other parameters like input level and averaging.
5230 MHz	 The screenshot shows the same Keysight Spectrum Analyzer interface but with the center frequency set to 5.23000 GHz. The spectrum trace is centered at this new frequency. The marker is now at 5.240 14 GHz with a reading of 0.323 dBm. The settings panel on the right reflects the change in center frequency to 5.23000000 GHz.

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5270 MHz



5310 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5510 MHz



5550 MHz



5670 MHz



Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1	
5755 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The center frequency is 5.75500 GHz. A marker 'Mkr1' is placed at 5.74222 GHz with a level of -3.054 dBm. The reference level is 20.00 dBm and the reference level offset is 12.50 dB. The span is 60.00 MHz. The resolution bandwidth is 100 kHz. The video bandwidth is 300 kHz. The sweep time is 7.47 ms. The date and time are May 17, 2022, 4:50:41 PM.
5795 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The center frequency is 5.79500 GHz. A marker 'Mkr1' is placed at 5.79002 GHz with a level of -0.621 dBm. The reference level is 20.00 dBm and the reference level offset is 12.50 dB. The span is 60.00 MHz. The resolution bandwidth is 100 kHz. The video bandwidth is 300 kHz. The sweep time is 7.47 ms. The date and time are May 17, 2022, 4:50:07 PM.

---END---