Annex C. Radiated Emission Measurement

Harmonic

Below 1 GHz

Iron shell : MatrixPro 2

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
56.1900	44.20	-6.79	37.41	40.00	-2.59	QP	H
93.0500	38.81	-11.94	26.87	43.50	-16.63	QP	H
231.7600	43.23	-7.11	36.12	46.00	-9.88	QP	H
250.1900	41.58	-6.14	35.44	46.00	-10.56	QP	H
290.9300	39.09	-4.40	34.69	46.00	-11.31	QP	H
498.5100	32.42	-0.35	32.07	46.00	-13.93	QP	H
87.2300	40.04	-11.97	28.07	40.00	-11.93	QP	V
131.8500	35.41	-7.29	28.12	43.50	-15.38	QP	V
186.1700	36.37	-7.51	28.86	43.50	-14.64	QP	V
250.1900	38.36	-6.14	32.22	46.00	-13.78	QP	V
490.7500	34.00	-0.44	33.56	46.00	-12.44	QP	V
594.5400	30.55	2.01	32.56	46.00	-13.44	QP	V

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

Example: 37.41 = -6.79 + 44.20

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.

Plastic shell : Matrix 2X

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
35.8200	42.68	-7.48	35.20	40.00	-4.80	QP	H
57.1600	40.85	-6.85	34.00	40.00	-6.00	QP	H
135.7300	40.23	-6.88	33.35	43.50	-10.15	QP	H
165.8000	38.75	-5.94	32.81	43.50	-10.69	QP	H
328.7600	44.34	-3.55	40.79	46.00	-5.21	QP	H
516.9400	34.67	-0.03	34.64	46.00	-11.36	QP	H
56.1900	36.46	-6.79	29.67	40.00	-10.33	QP	V
134.7600	41.84	-6.98	34.86	43.50	-8.64	QP	V
174.5300	38.07	-6.46	31.61	43.50	-11.89	QP	V
290.9300	34.20	-4.40	29.80	46.00	-16.20	QP	V
410.2400	29.45	-1.98	27.47	46.00	-18.53	QP	V
523.7300	39.63	0.07	39.70	46.00	-6.30	QP	V

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

Example: 35.20 = -7.48 + 42.68

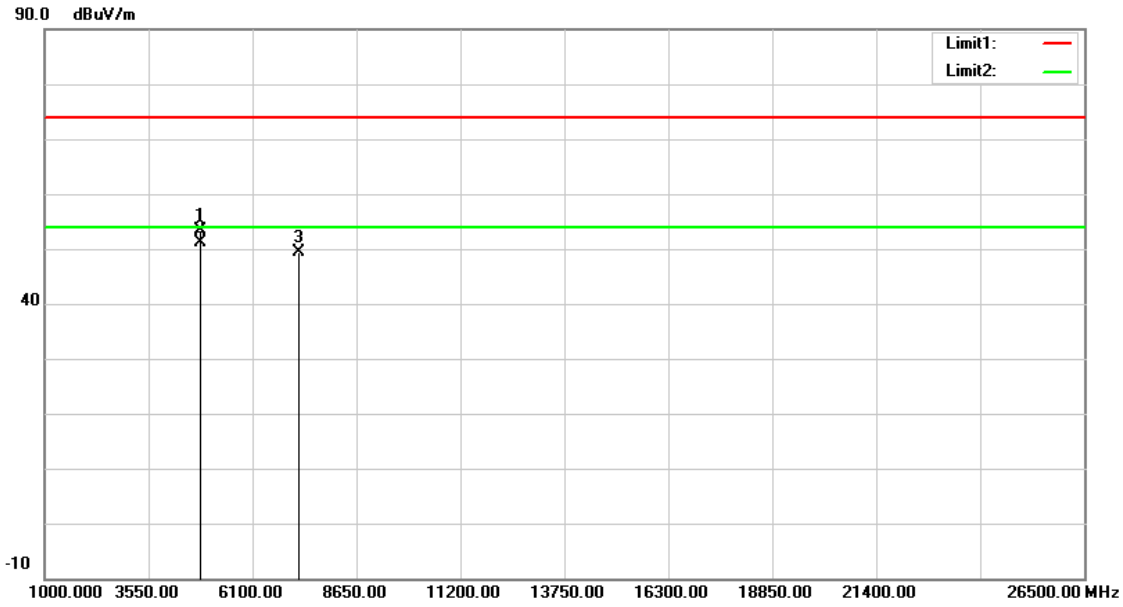
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Above 1 GHz

Iron shell : MatrixPro 2

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
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	4824.000	47.78	5.57	53.35	74.00	-20.65	peak
2	4824.000	45.64	5.57	51.21	54.00	-2.79	AVG
3	7236.000	37.48	11.98	49.46	74.00	-24.54	peak

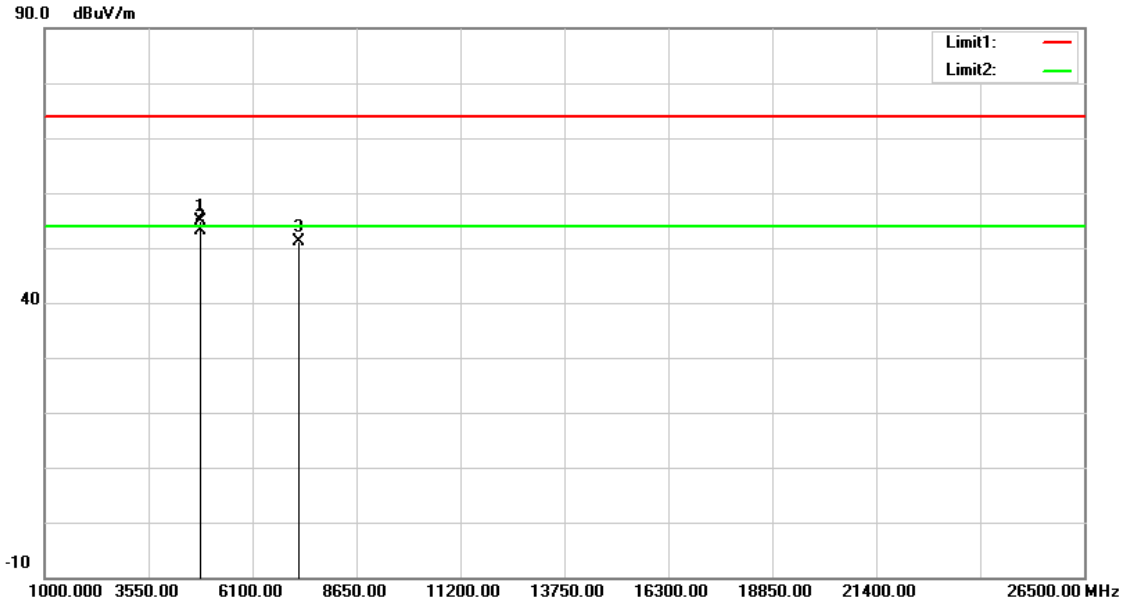
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 53.35 = 5.57 + 47.78

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
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	4824.000	49.31	5.57	54.88	74.00	-19.12	peak
2	4824.000	47.45	5.57	53.02	54.00	-0.98	AVG
3	7236.000	39.26	11.98	51.24	74.00	-22.76	peak

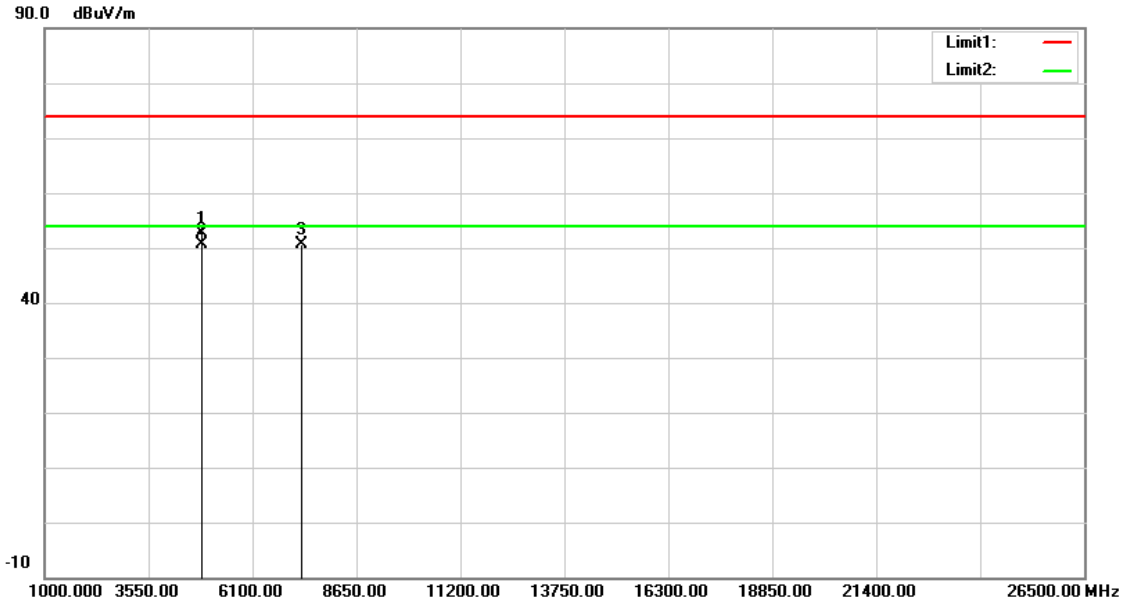
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 54.88 = 5.57 + 49.31

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



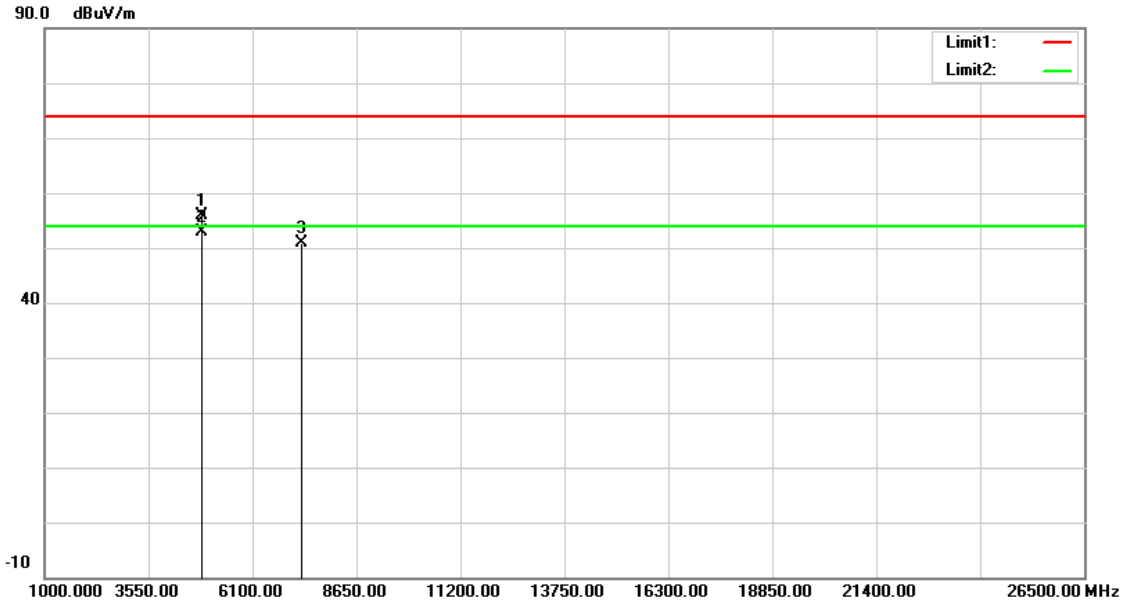
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.96	5.67	52.63	74.00	-21.37	peak
2	4874.000	45.03	5.67	50.70	54.00	-3.30	AVG
3	7311.000	38.54	12.15	50.69	74.00	-23.31	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



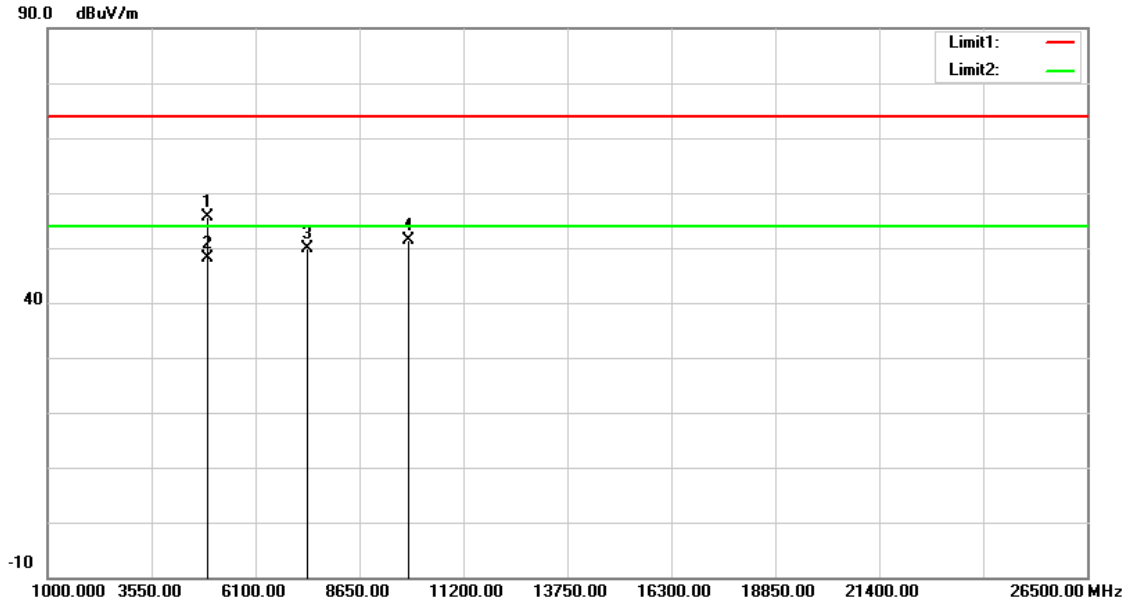
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	50.31	5.67	55.98	74.00	-18.02	peak
2	4874.000	47.31	5.67	52.98	54.00	-1.02	AVG
3	7311.000	38.79	12.15	50.94	74.00	-23.06	peak

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



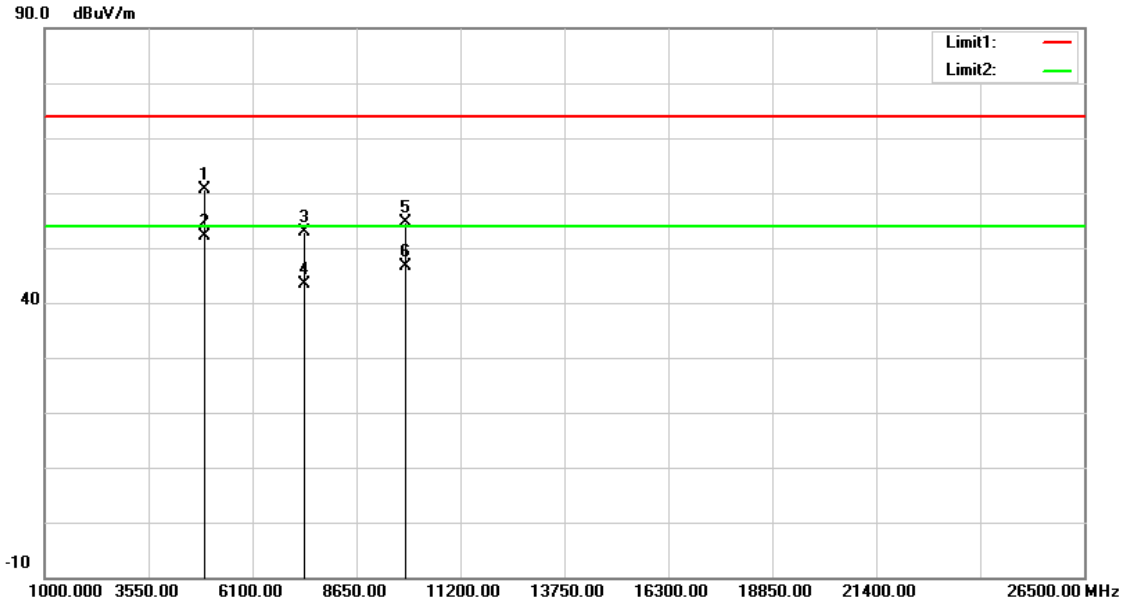
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	49.89	5.77	55.66	74.00	-18.34	peak
2	4924.000	42.34	5.77	48.11	54.00	-5.89	AVG
3	7386.000	37.61	12.33	49.94	74.00	-24.06	peak
4	9848.000	36.20	15.30	51.50	74.00	-22.50	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



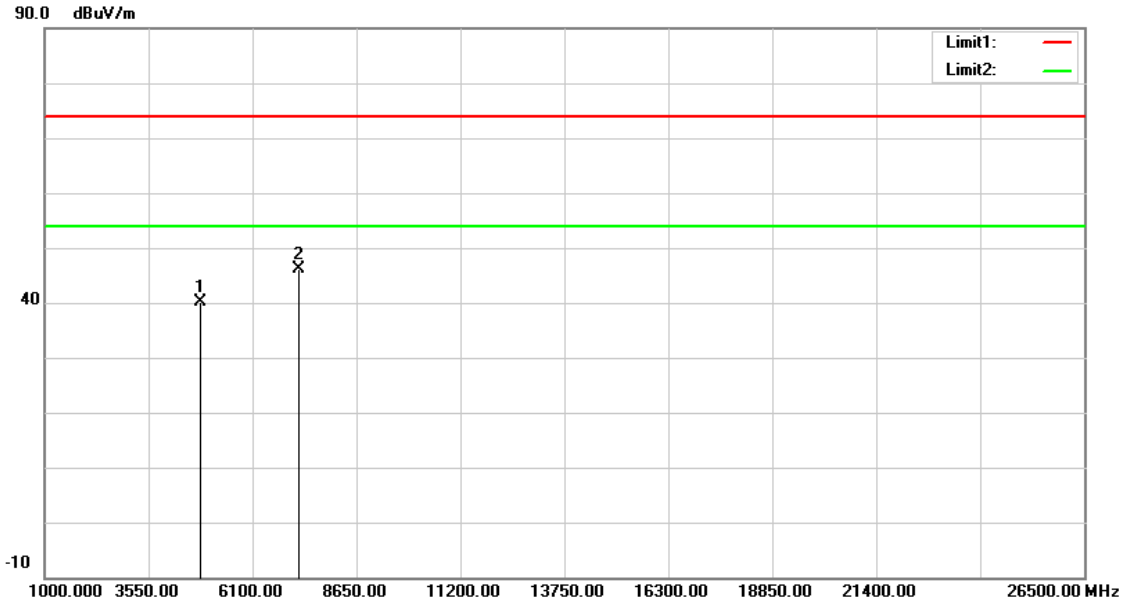
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	54.88	5.77	60.65	74.00	-13.35	peak
2	4924.000	46.29	5.77	52.06	54.00	-1.94	AVG
3	7386.000	40.44	12.33	52.77	74.00	-21.23	peak
4	7386.000	31.05	12.33	43.38	54.00	-10.62	AVG
5	9848.000	39.27	15.30	54.57	74.00	-19.43	peak
6	9848.000	31.24	15.30	46.54	54.00	-7.46	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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



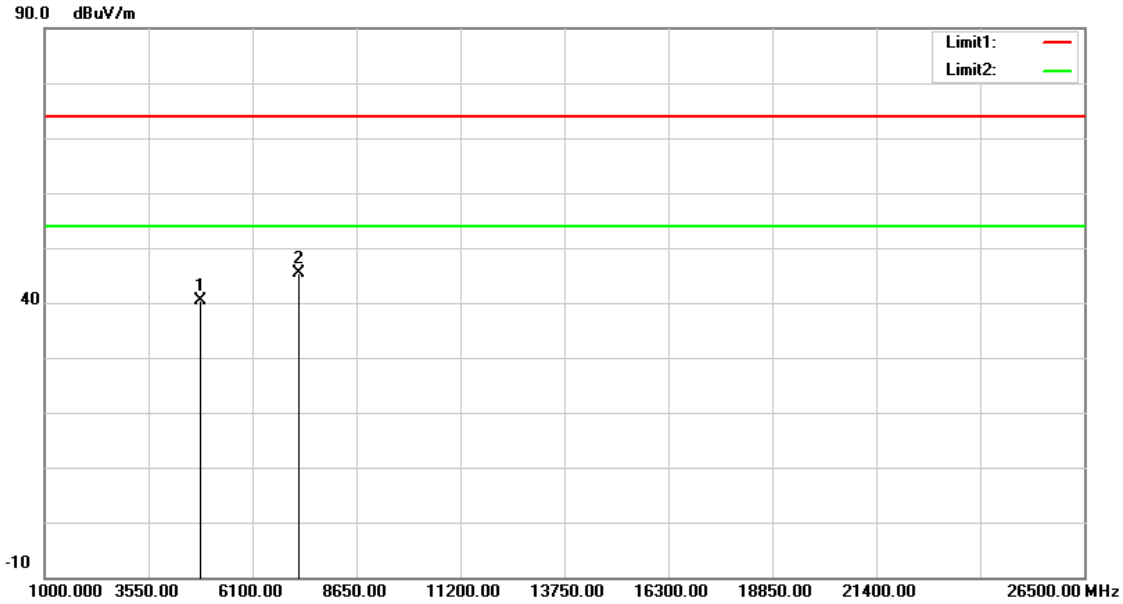
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.61	5.57	40.18	74.00	-33.82	peak
2	7236.000	34.08	11.98	46.06	74.00	-27.94	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



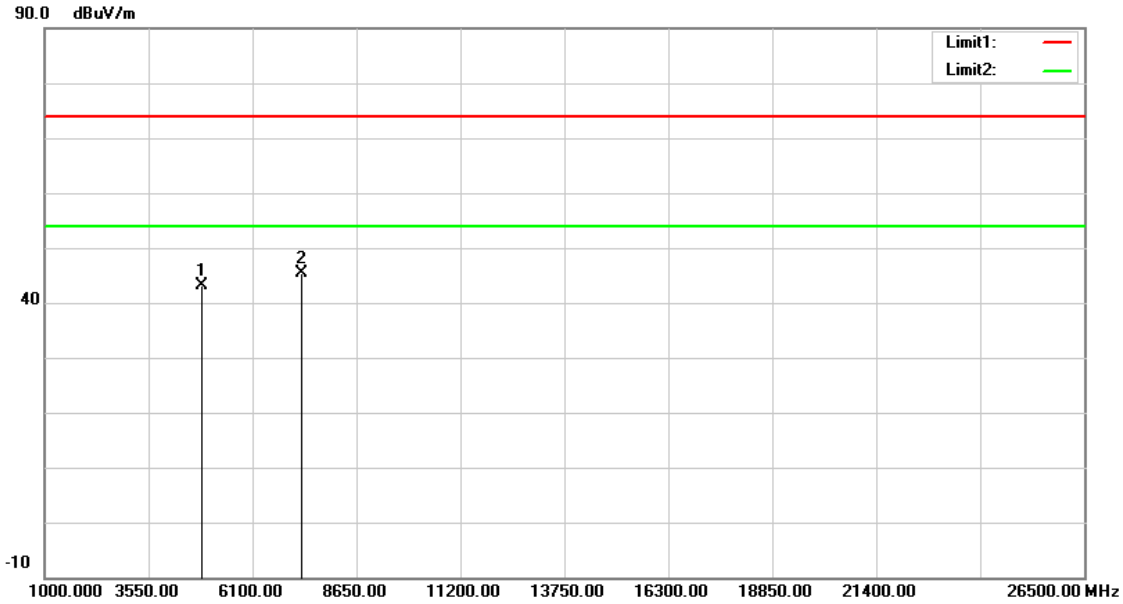
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.78	5.57	40.35	74.00	-33.65	peak
2	7236.000	33.32	11.98	45.30	74.00	-28.70	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



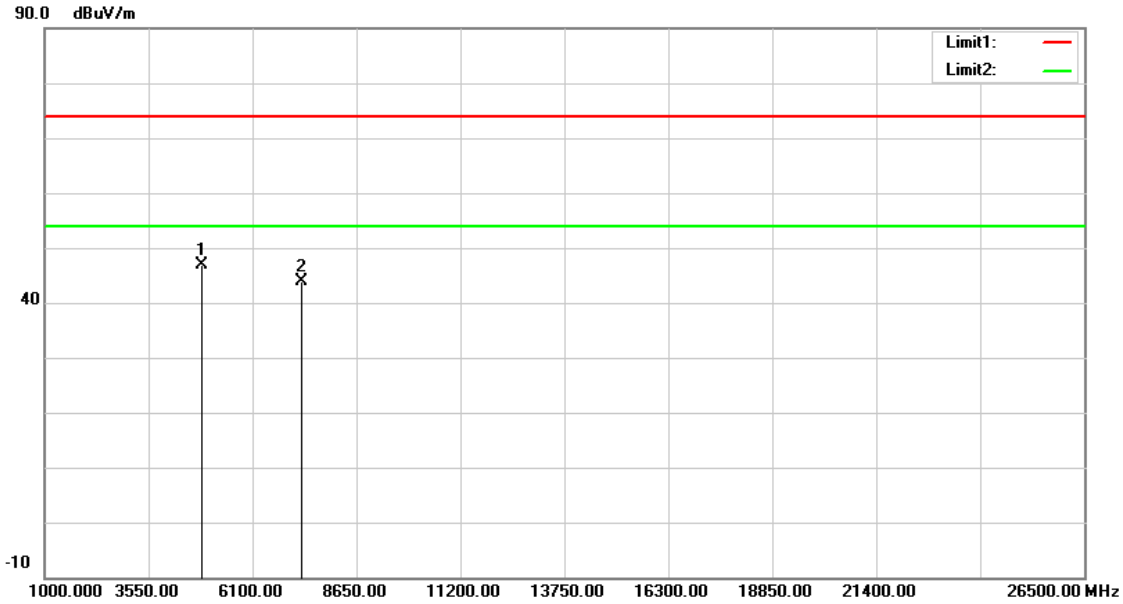
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.57	5.67	43.24	74.00	-30.76	peak
2	7311.000	33.28	12.15	45.43	74.00	-28.57	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



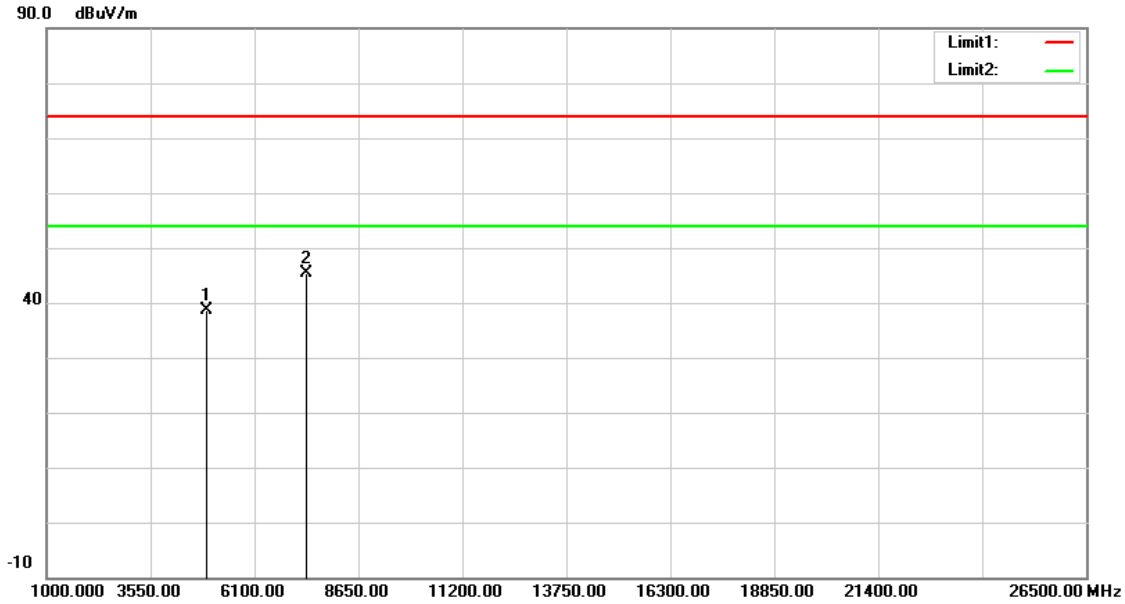
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	41.23	5.67	46.90	74.00	-27.10	peak
2	7311.000	31.62	12.15	43.77	74.00	-30.23	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



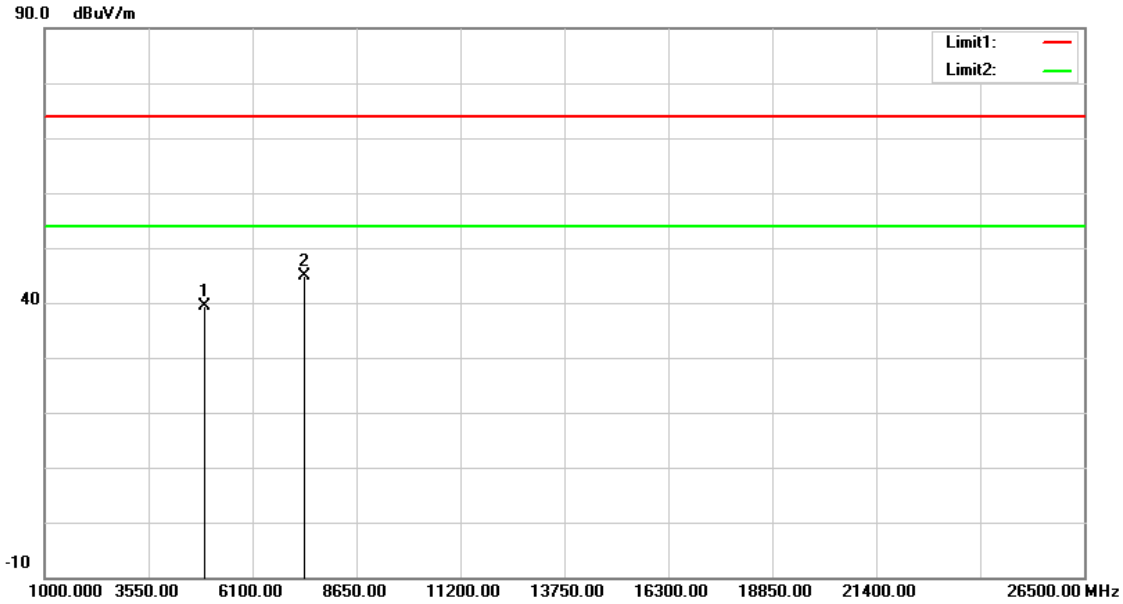
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	32.87	5.77	38.64	74.00	-35.36	peak
2	7386.000	33.02	12.33	45.35	74.00	-28.65	peak

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



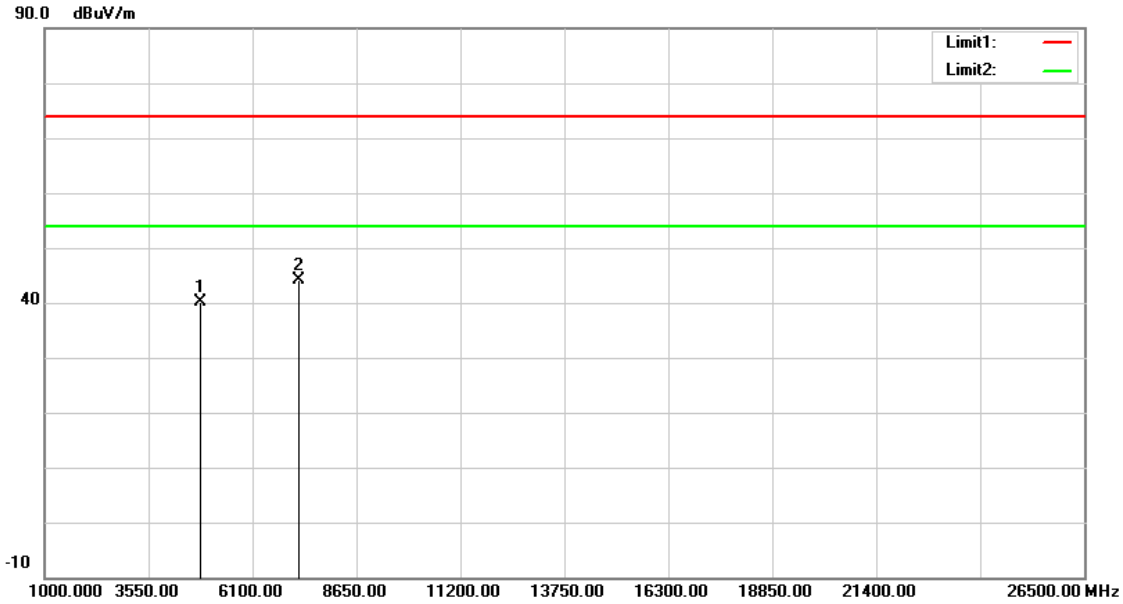
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.73	5.77	39.50	74.00	-34.50	peak
2	7386.000	32.56	12.33	44.89	74.00	-29.11	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



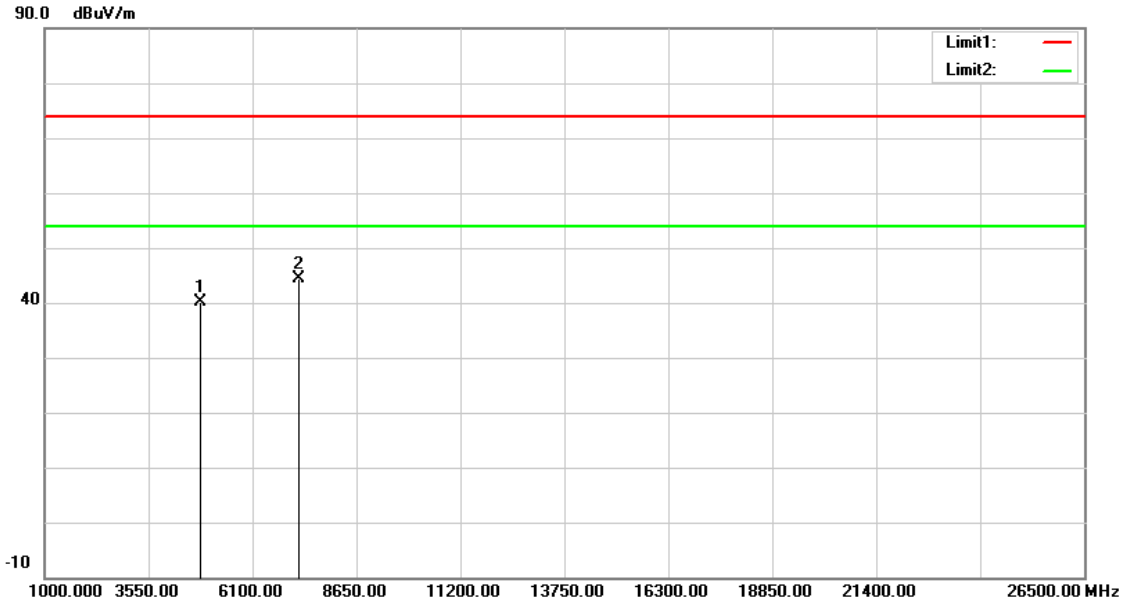
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.44	5.57	40.01	74.00	-33.99	peak
2	7236.000	32.08	11.98	44.06	74.00	-29.94	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



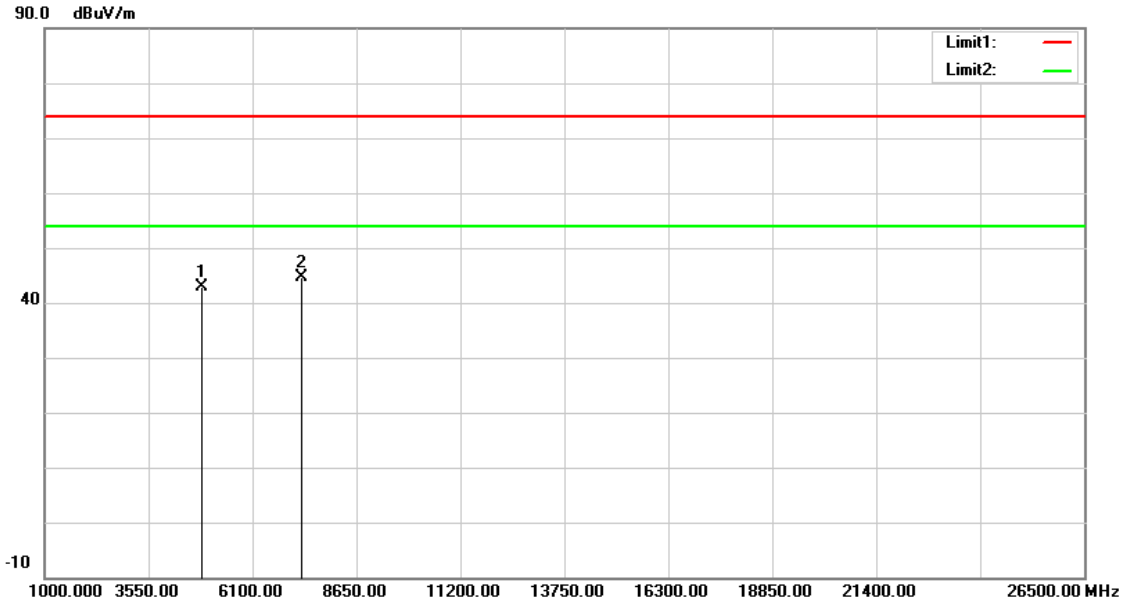
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.60	5.57	40.17	74.00	-33.83	peak
2	7236.000	32.32	11.98	44.30	74.00	-29.70	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



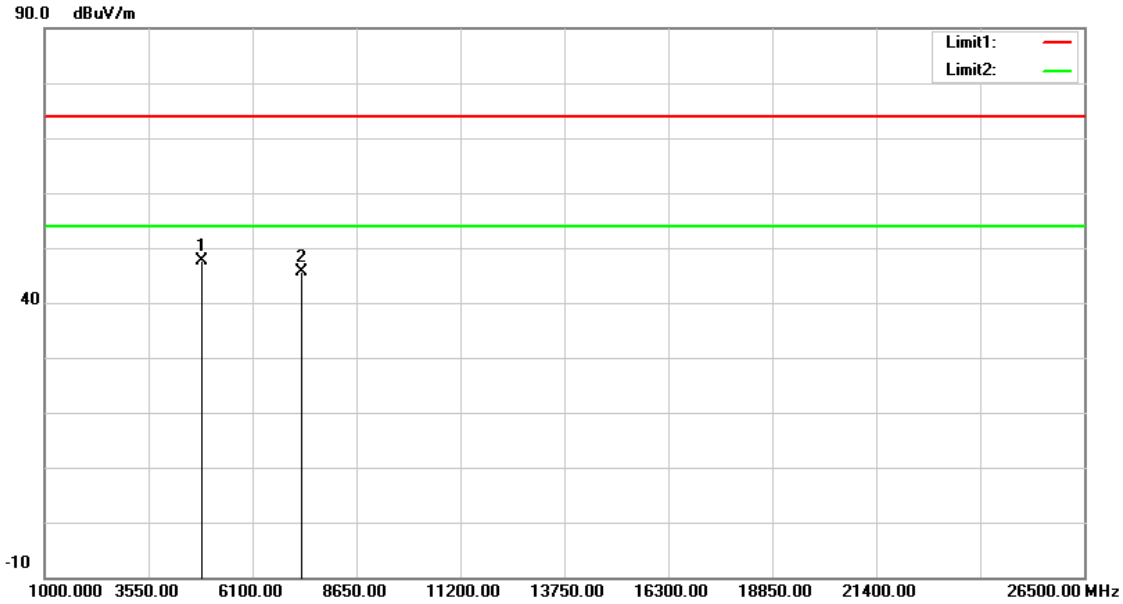
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.22	5.67	42.89	74.00	-31.11	peak
2	7311.000	32.52	12.15	44.67	74.00	-29.33	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



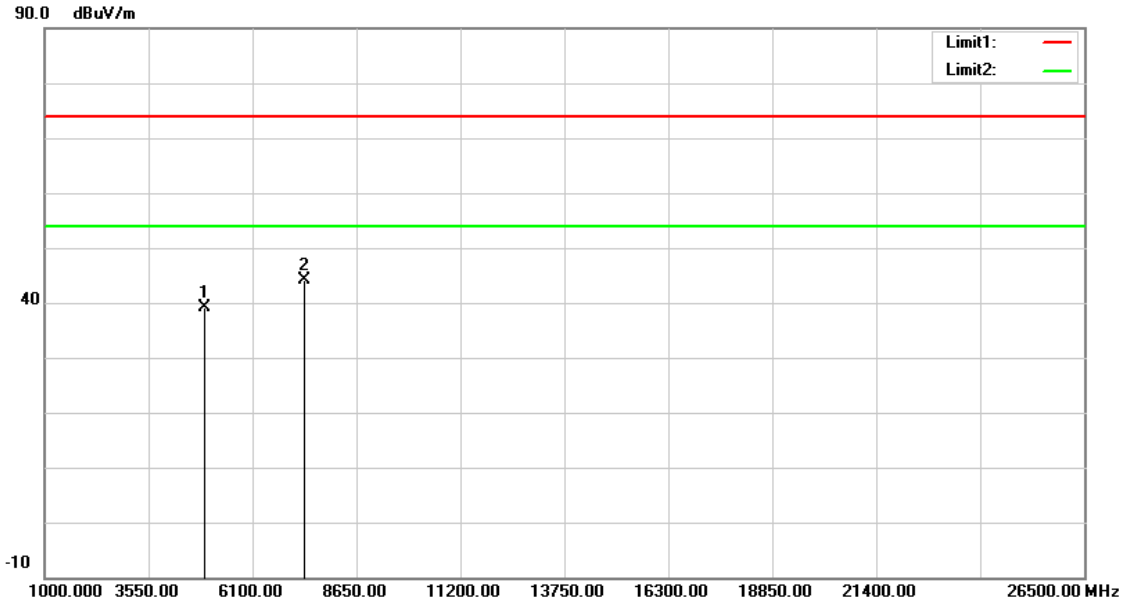
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	41.88	5.67	47.55	74.00	-26.45	peak
2	7311.000	33.60	12.15	45.75	74.00	-28.25	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



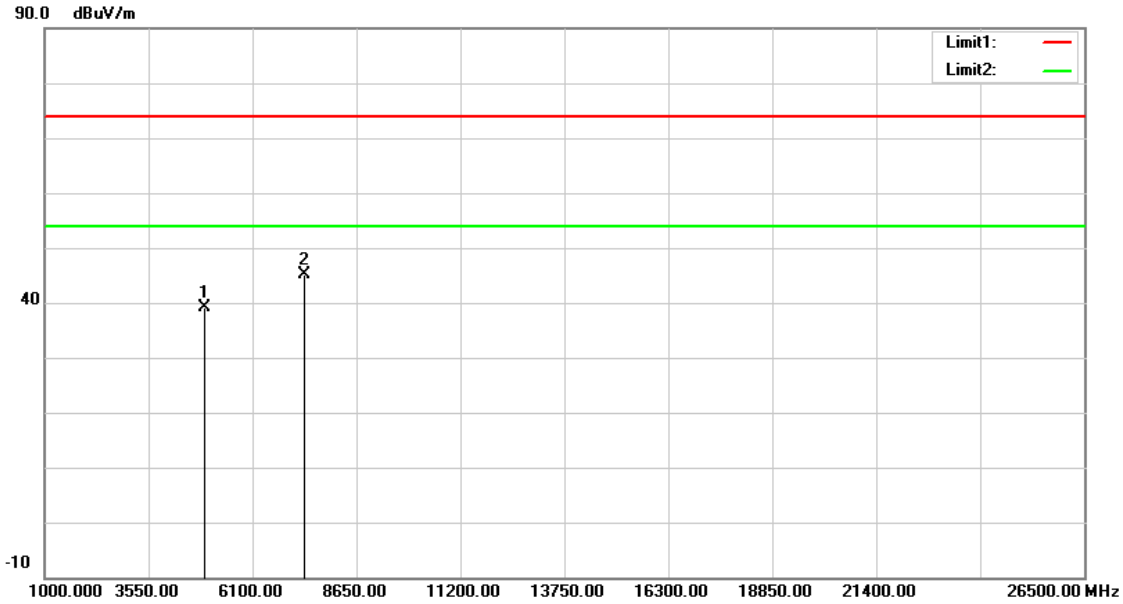
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.43	5.77	39.20	74.00	-34.80	peak
2	7386.000	31.87	12.33	44.20	74.00	-29.80	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



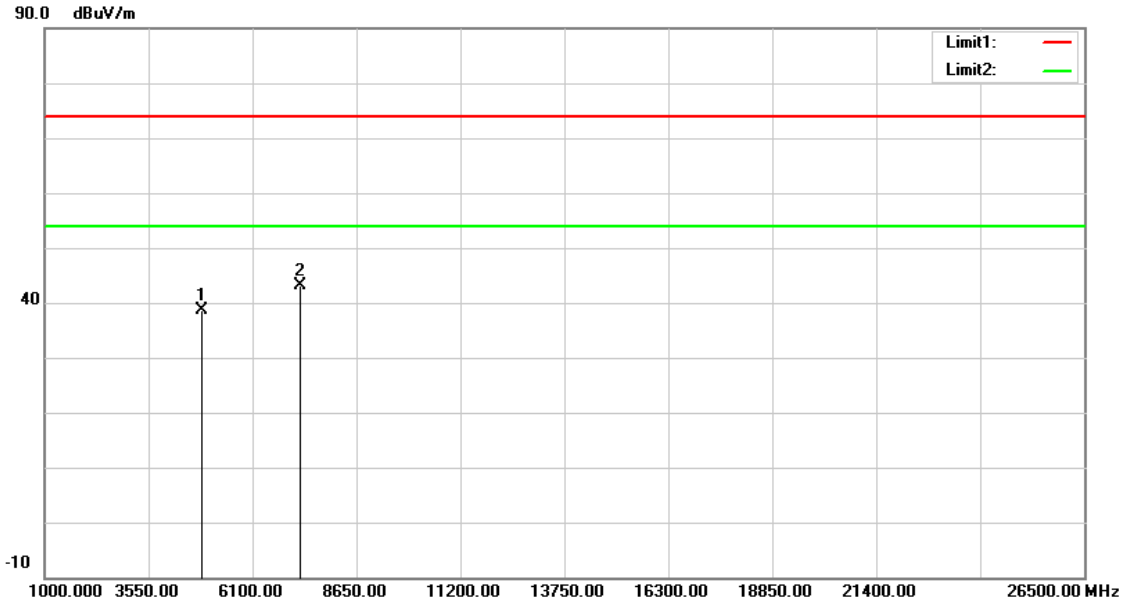
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.25	5.77	39.02	74.00	-34.98	peak
2	7386.000	32.72	12.33	45.05	74.00	-28.95	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



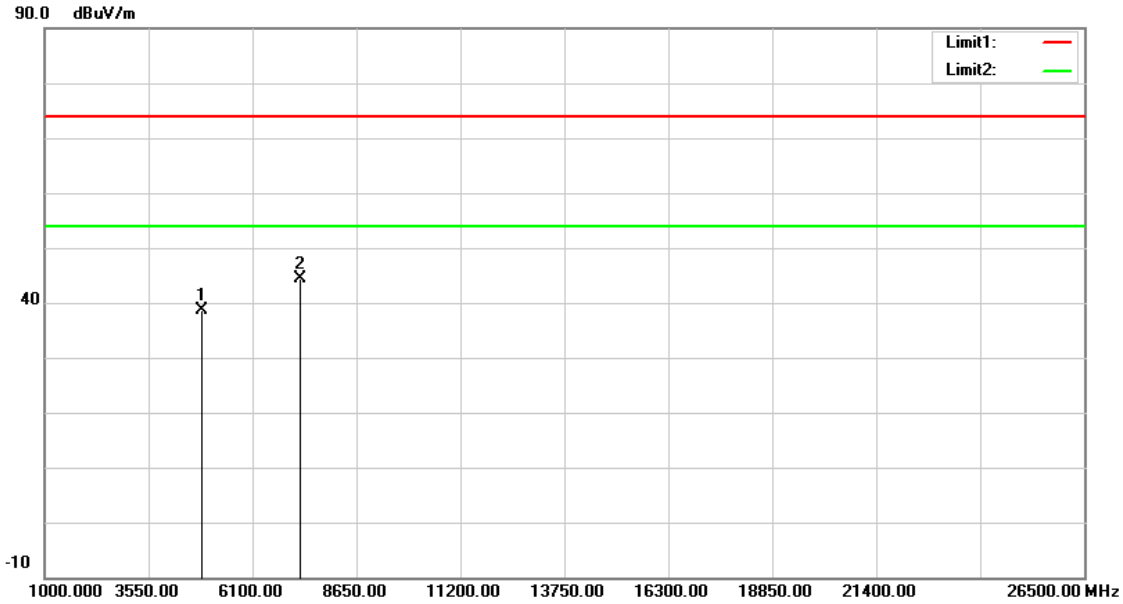
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	32.90	5.62	38.52	74.00	-35.48	peak
2	7266.000	31.10	12.04	43.14	74.00	-30.86	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



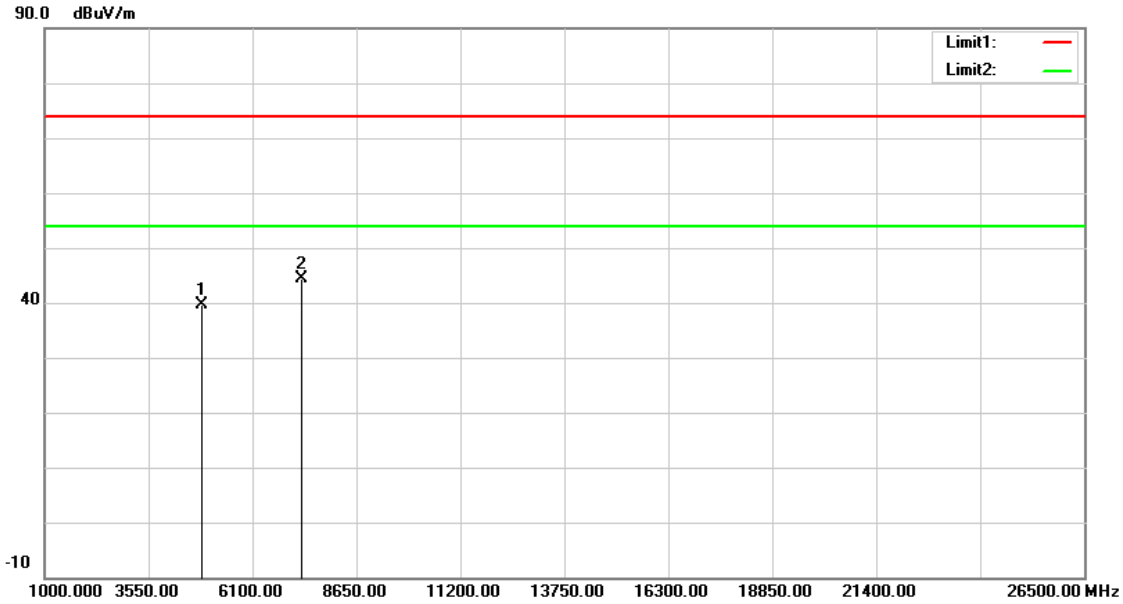
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	32.96	5.62	38.58	74.00	-35.42	peak
2	7266.000	32.29	12.04	44.33	74.00	-29.67	peak

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



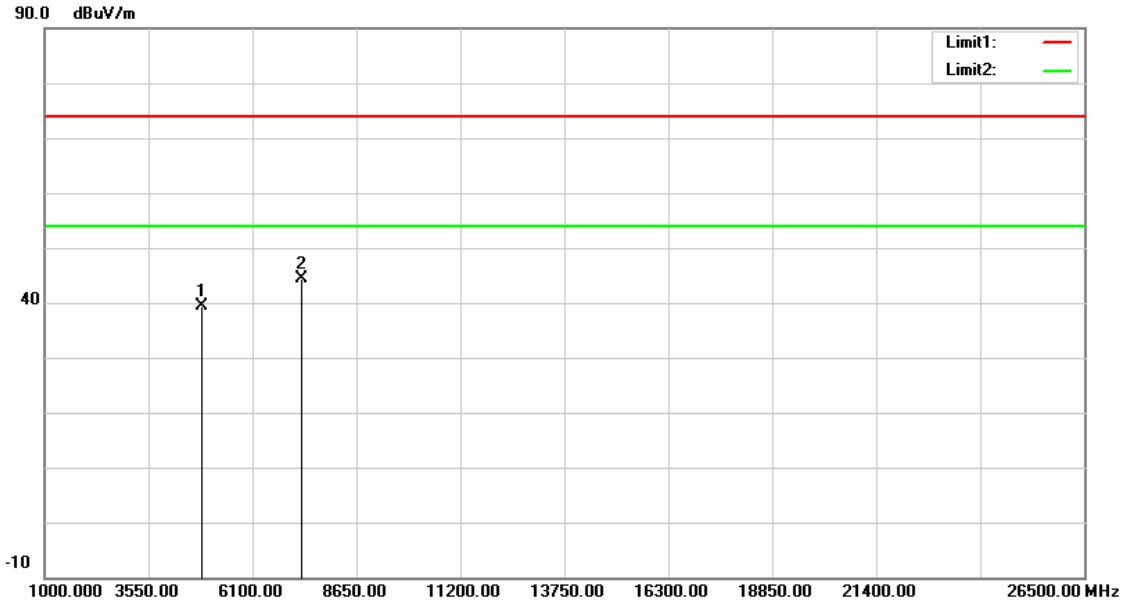
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.07	5.67	39.74	74.00	-34.26	peak
2	7311.000	32.17	12.15	44.32	74.00	-29.68	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



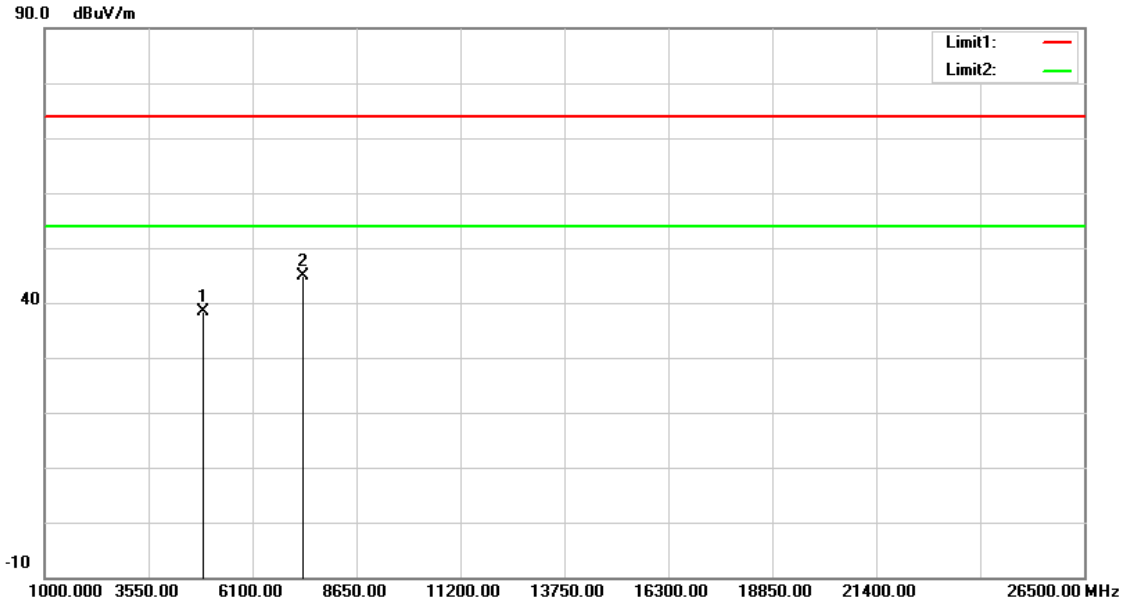
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.78	5.67	39.45	74.00	-34.55	peak
2	7311.000	32.33	12.15	44.48	74.00	-29.52	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



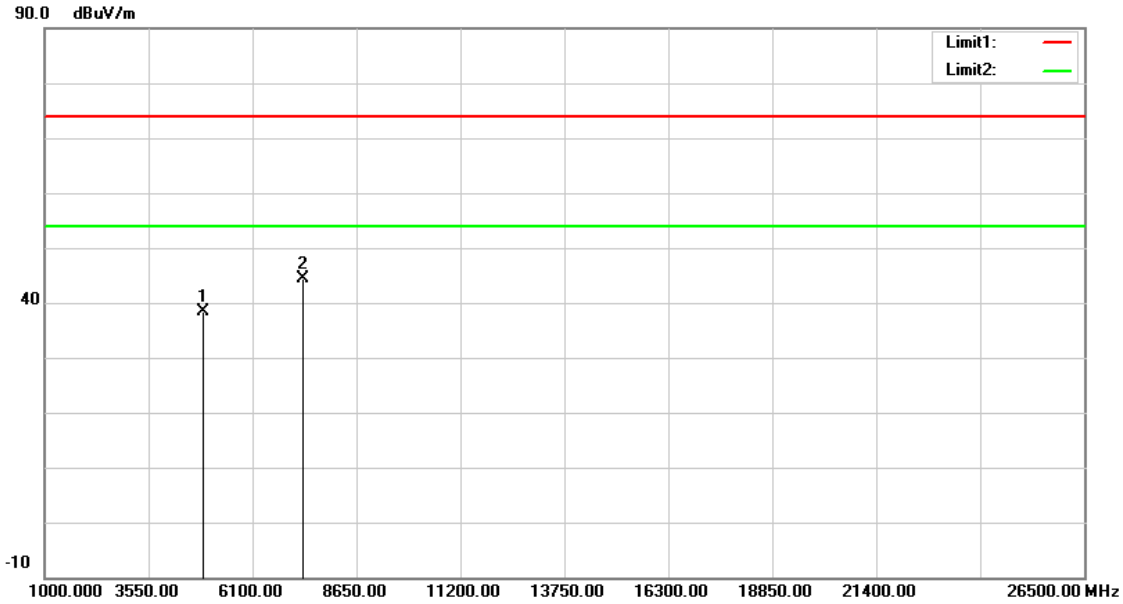
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	32.67	5.73	38.40	74.00	-35.60	peak
2	7356.000	32.70	12.25	44.95	74.00	-29.05	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



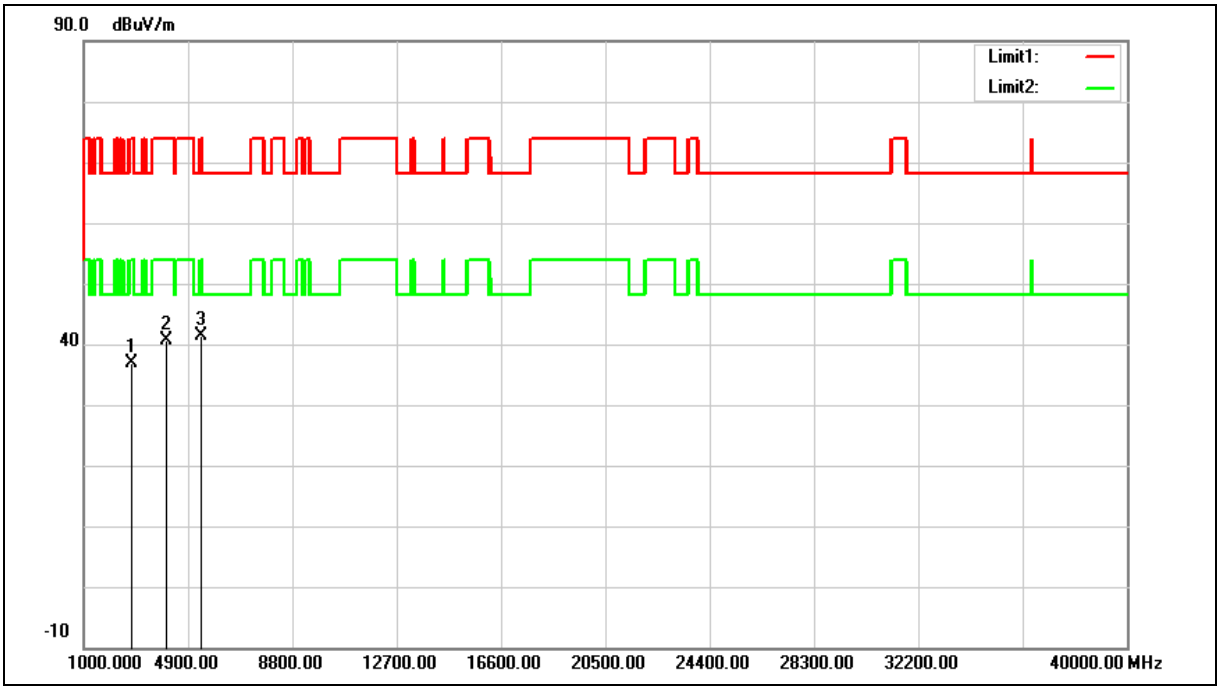
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	32.71	5.73	38.44	74.00	-35.56	peak
2	7356.000	32.13	12.25	44.38	74.00	-29.62	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Horizontal		



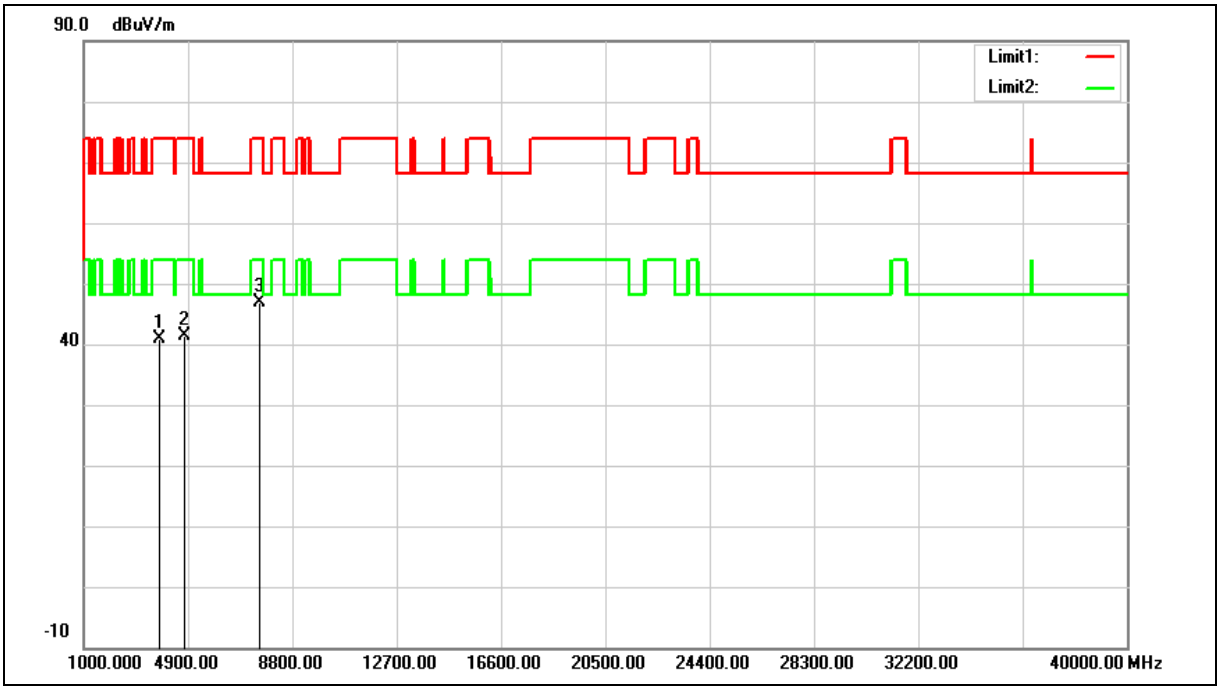
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	36.54	0.26	36.80	74.00	-37.20	peak
2	4077.000	37.17	3.48	40.65	74.00	-33.35	peak
3	5403.000	34.55	6.86	41.41	74.00	-32.59	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3822.000	38.25	2.71	40.96	74.00	-33.04	peak
2	4791.000	35.79	5.51	41.30	74.00	-32.70	peak
3	7579.000	33.98	12.85	46.83	74.00	-27.17	peak

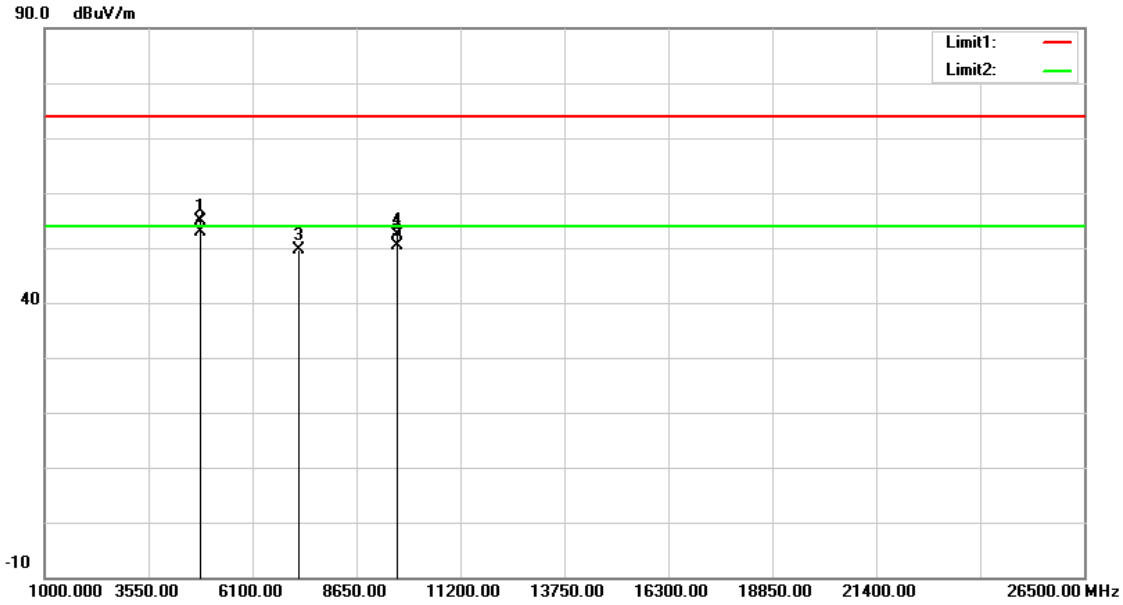
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Plastic shell : Matrix 2X

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
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	4824.000	49.26	5.57	54.83	74.00	-19.17	peak
2	4824.000	47.20	5.57	52.77	54.00	-1.23	AVG
3	7236.000	37.73	11.98	49.71	74.00	-24.29	peak
4	9648.000	37.41	14.90	52.31	74.00	-21.69	peak
5	9648.000	35.38	14.90	50.28	54.00	-3.72	AVG

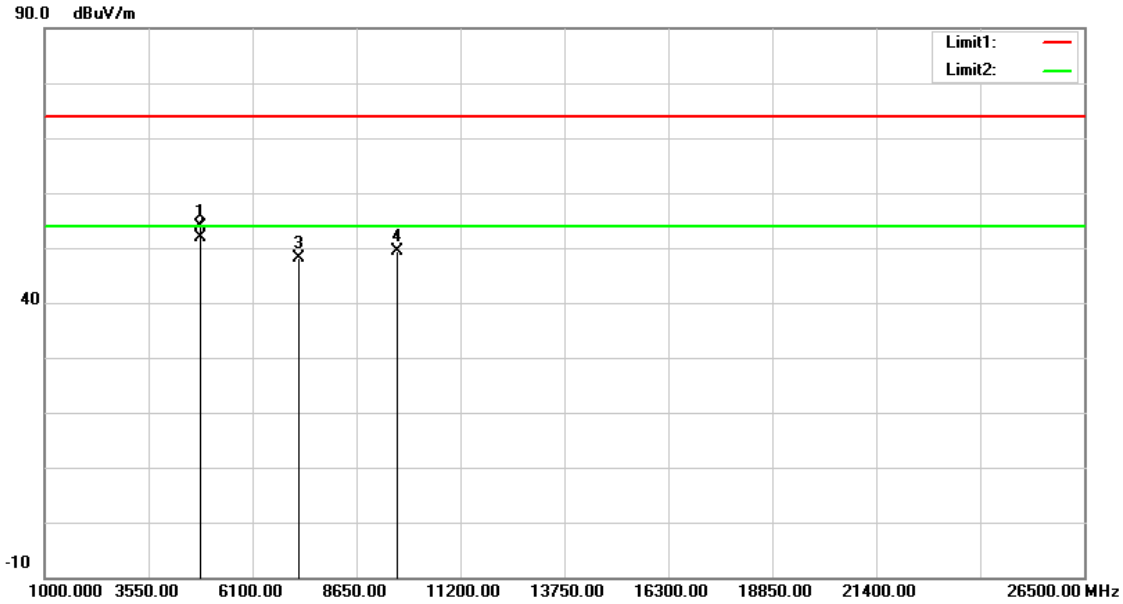
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 54.83 = 5.57 + 49.26

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
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	4824.000	48.39	5.57	53.96	74.00	-20.04	peak
2	4824.000	46.43	5.57	52.00	54.00	-2.00	AVG
3	7236.000	36.07	11.98	48.05	74.00	-25.95	peak
4	9648.000	34.38	14.90	49.28	74.00	-24.72	peak

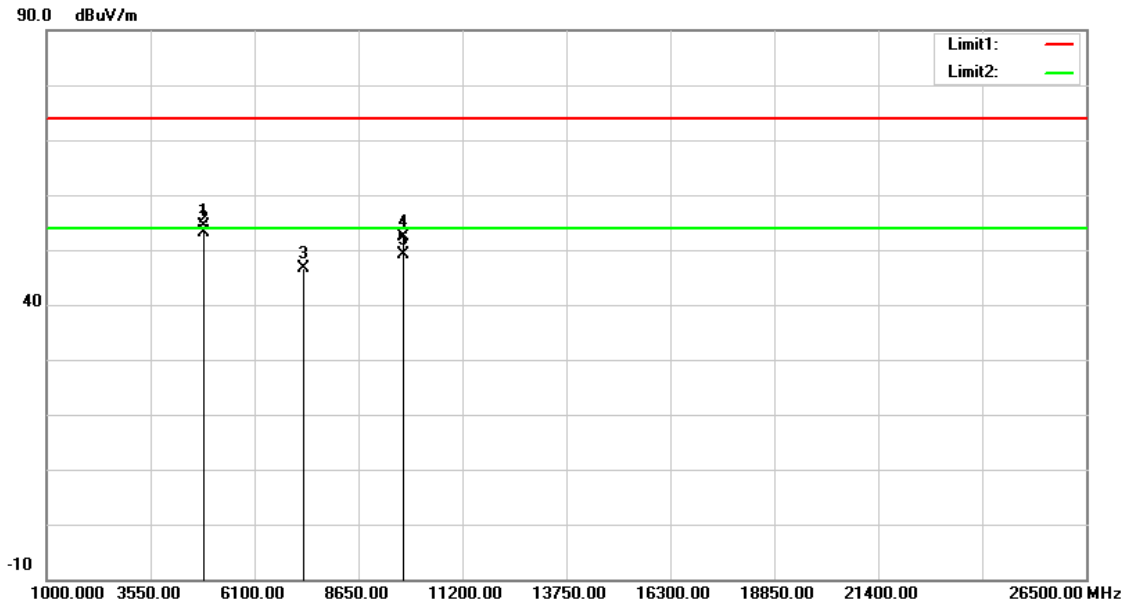
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 53.96 = 5.57 + 48.39

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



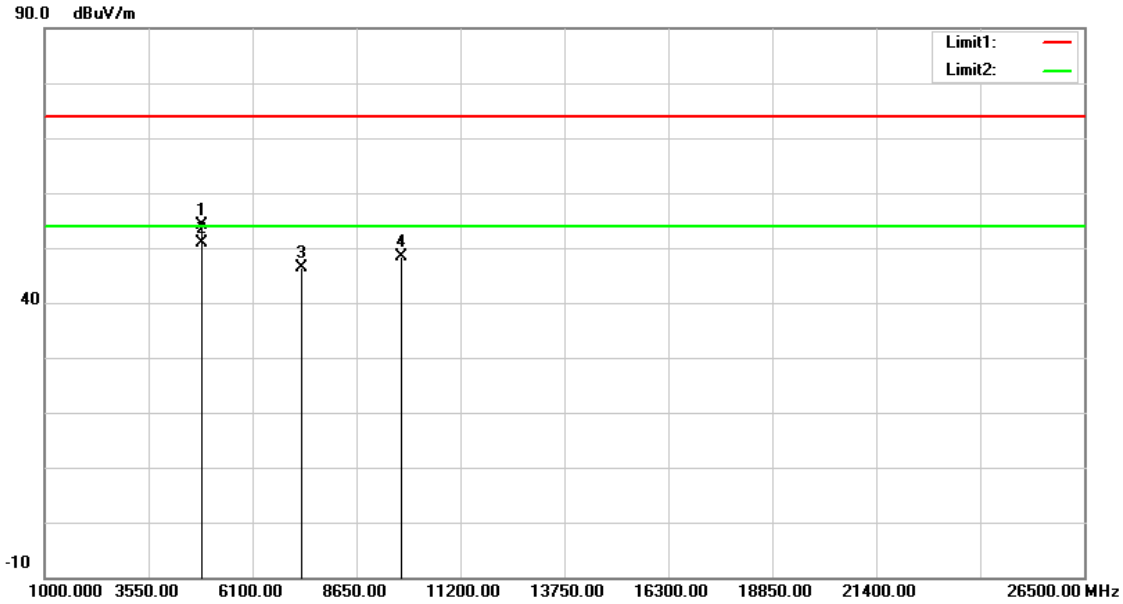
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	48.67	5.67	54.34	74.00	-19.66	peak
2	4874.000	47.42	5.67	53.09	54.00	-0.91	AVG
3	7311.000	34.60	12.15	46.75	74.00	-27.25	peak
4	9748.000	37.25	15.10	52.35	74.00	-21.65	peak
5	9748.000	33.98	15.10	49.08	54.00	-4.92	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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



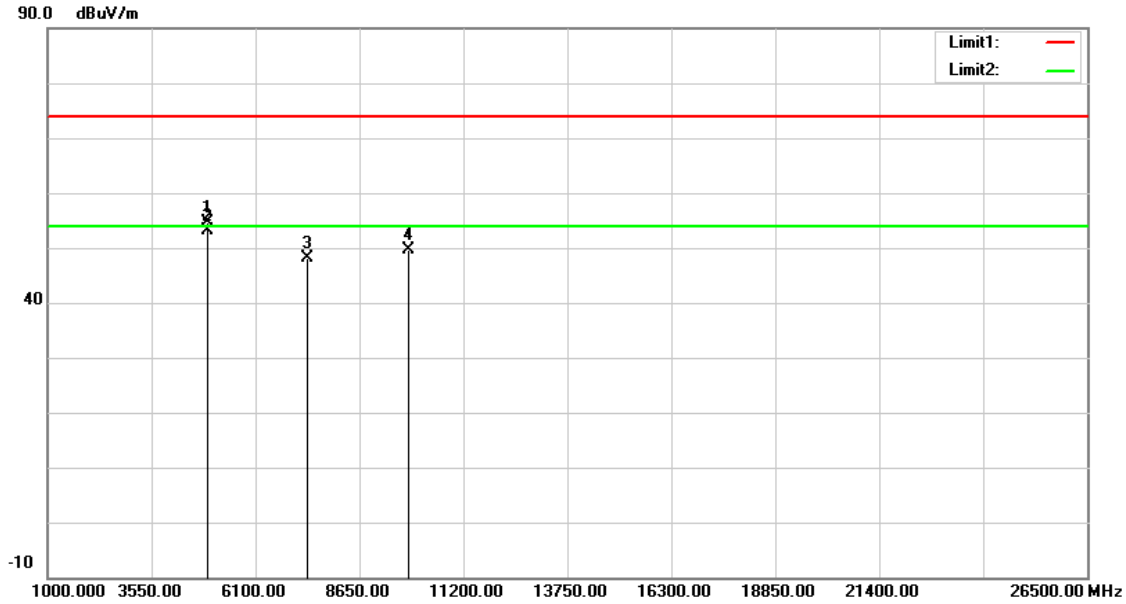
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	48.44	5.67	54.11	74.00	-19.89	peak
2	4874.000	45.12	5.67	50.79	54.00	-3.21	AVG
3	7311.000	34.22	12.15	46.37	74.00	-27.63	peak
4	9748.000	33.39	15.10	48.49	74.00	-25.51	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



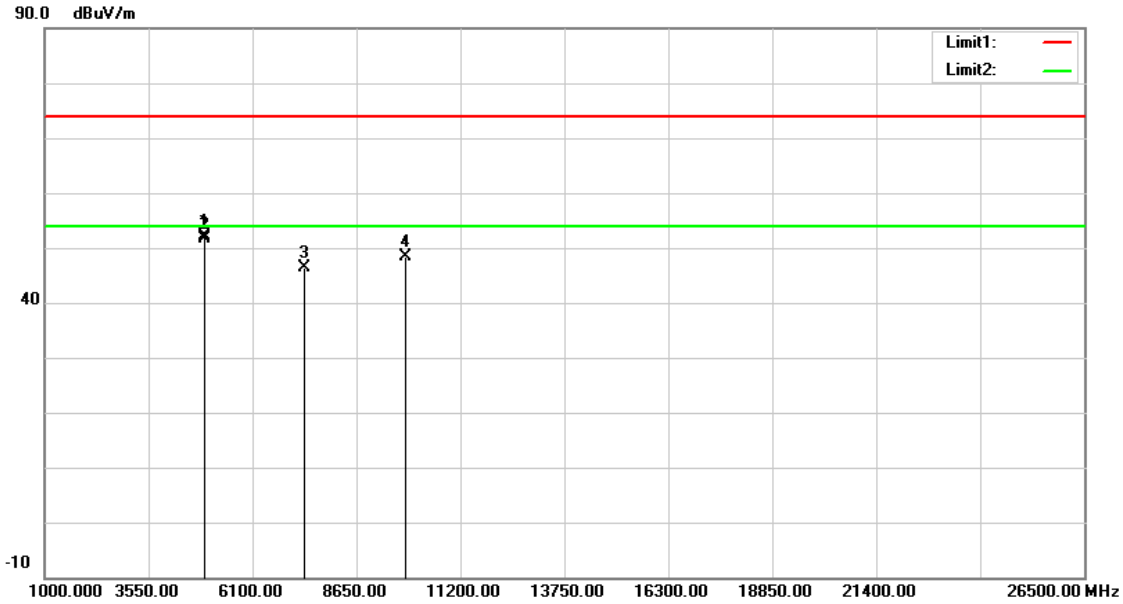
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	48.75	5.77	54.52	74.00	-19.48	peak
2	4924.000	47.35	5.77	53.12	54.00	-0.88	AVG
3	7386.000	35.80	12.33	48.13	74.00	-25.87	peak
4	9848.000	34.22	15.30	49.52	74.00	-24.48	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



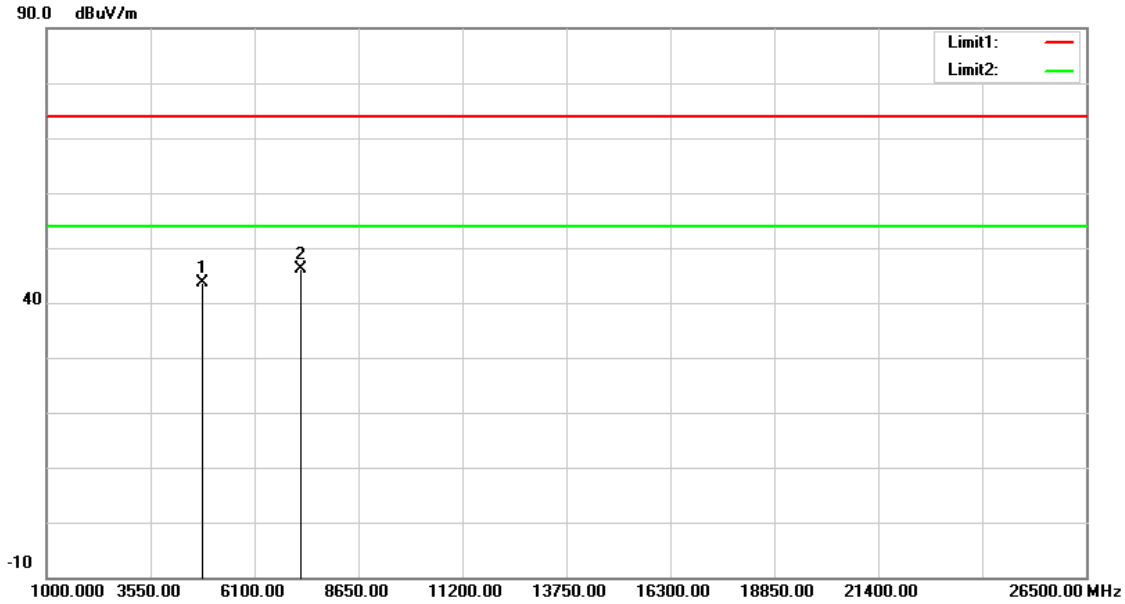
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	46.29	5.77	52.06	74.00	-21.94	peak
2	4924.000	45.76	5.77	51.53	54.00	-2.47	AVG
3	7386.000	34.05	12.33	46.38	74.00	-27.62	peak
4	9848.000	32.99	15.30	48.29	74.00	-25.71	peak

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



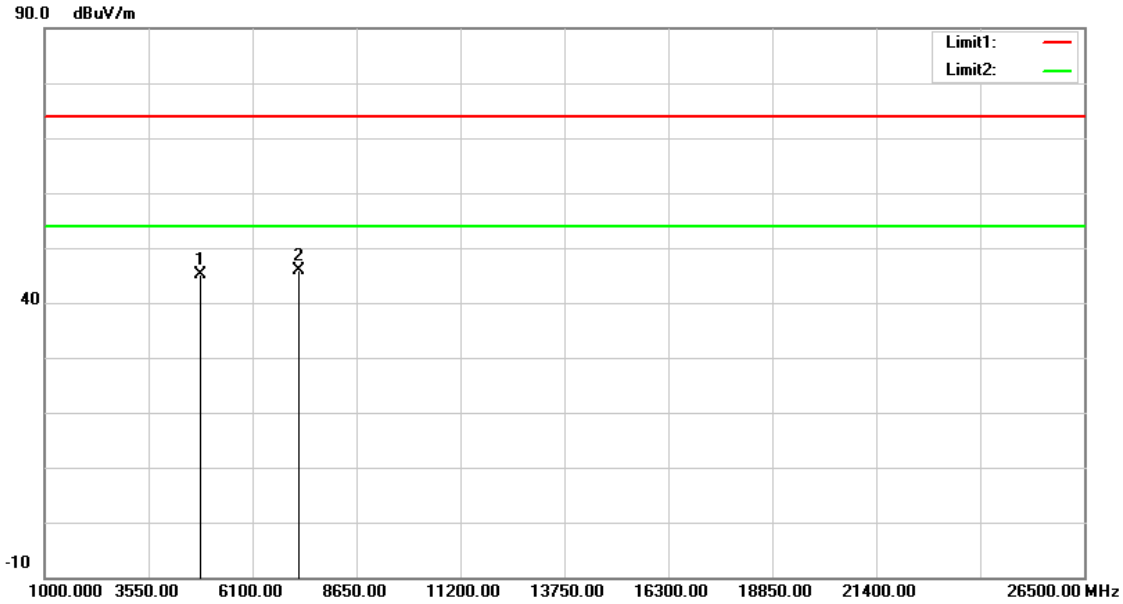
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	38.14	5.57	43.71	74.00	-30.29	peak
2	7236.000	34.08	11.98	46.06	74.00	-27.94	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



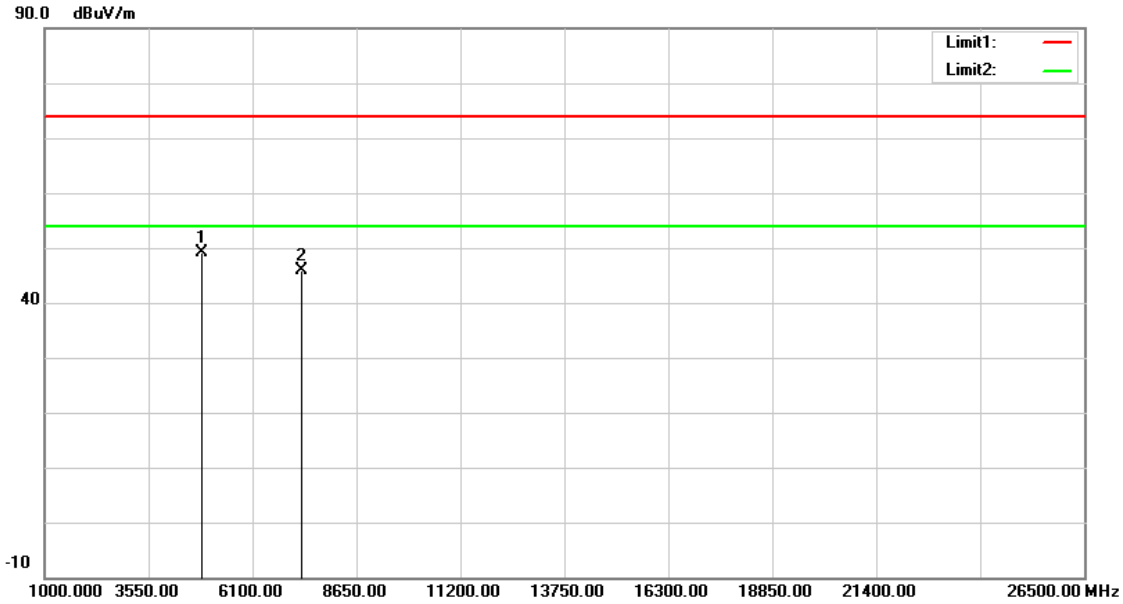
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.56	5.57	45.13	74.00	-28.87	peak
2	7236.000	34.01	11.98	45.99	74.00	-28.01	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



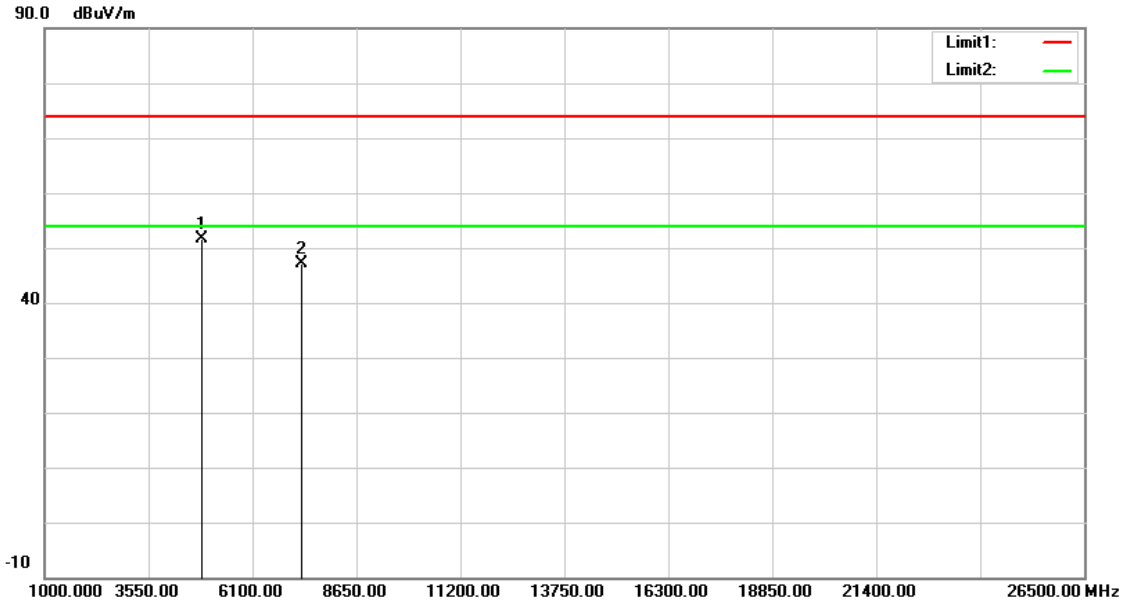
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	43.36	5.67	49.03	74.00	-24.97	peak
2	7311.000	33.71	12.15	45.86	74.00	-28.14	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



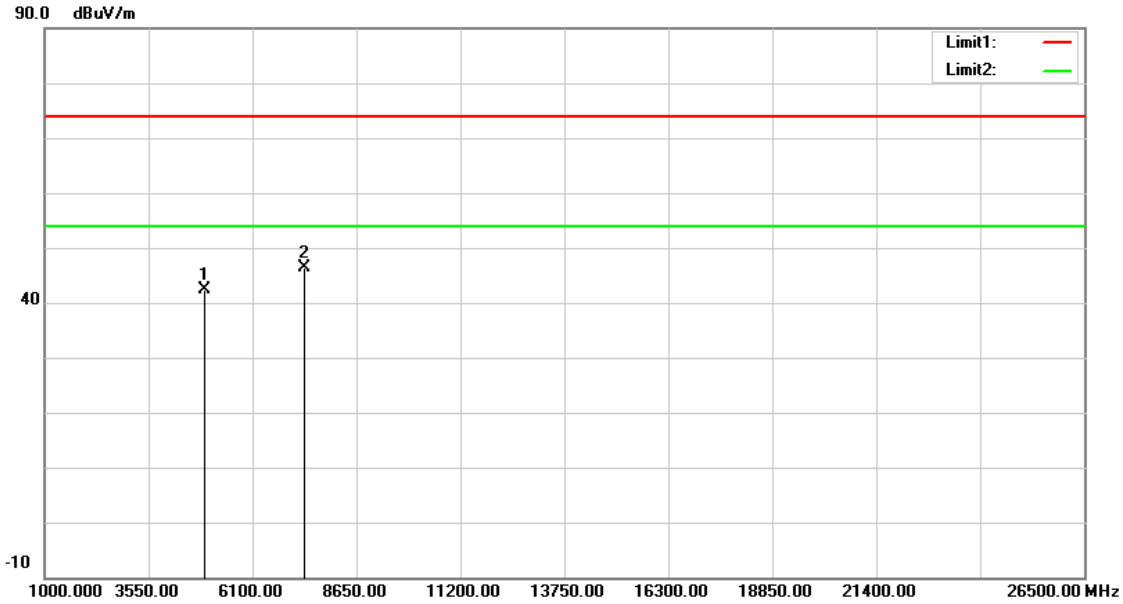
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.01	5.67	51.68	74.00	-22.32	peak
2	7311.000	34.95	12.15	47.10	74.00	-26.90	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



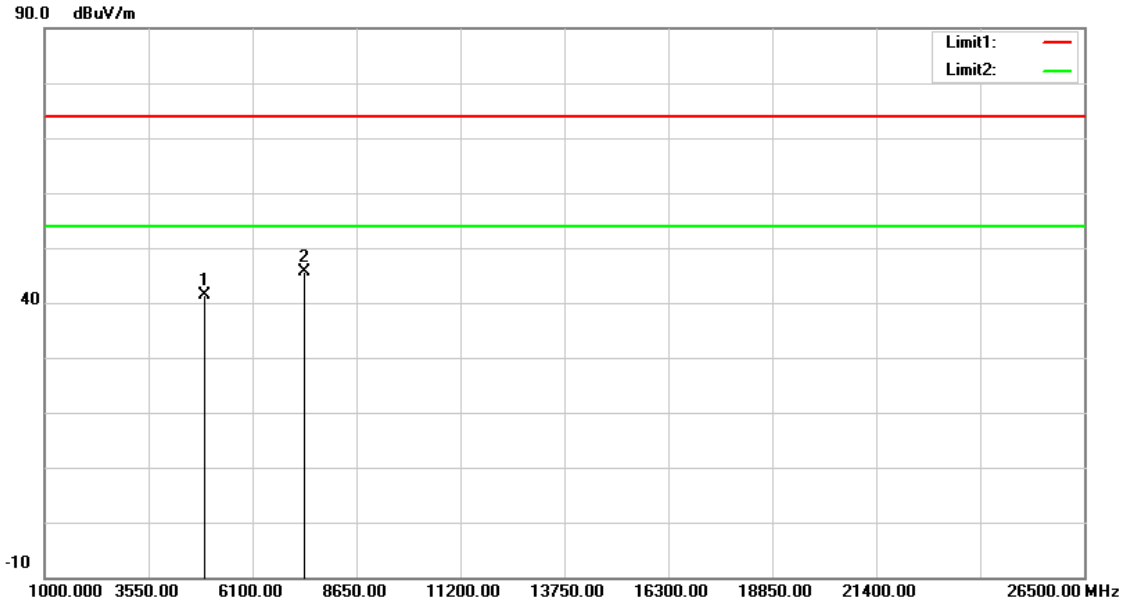
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.51	5.77	42.28	74.00	-31.72	peak
2	7386.000	34.15	12.33	46.48	74.00	-27.52	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



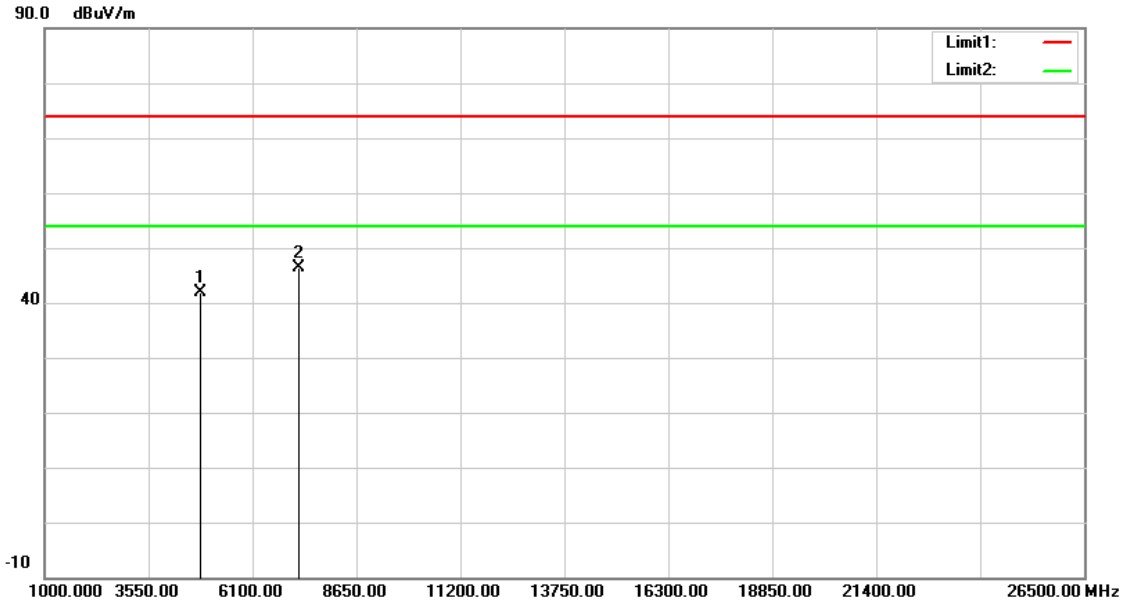
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.73	5.77	41.50	74.00	-32.50	peak
2	7386.000	33.42	12.33	45.75	74.00	-28.25	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



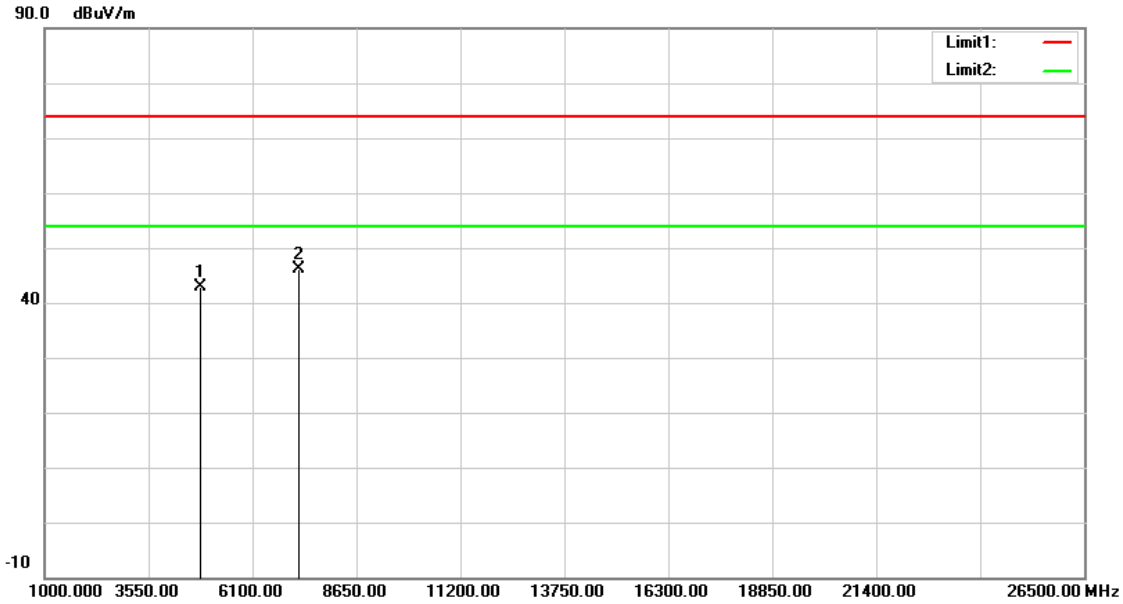
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.27	5.57	41.84	74.00	-32.16	peak
2	7236.000	34.32	11.98	46.30	74.00	-27.70	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



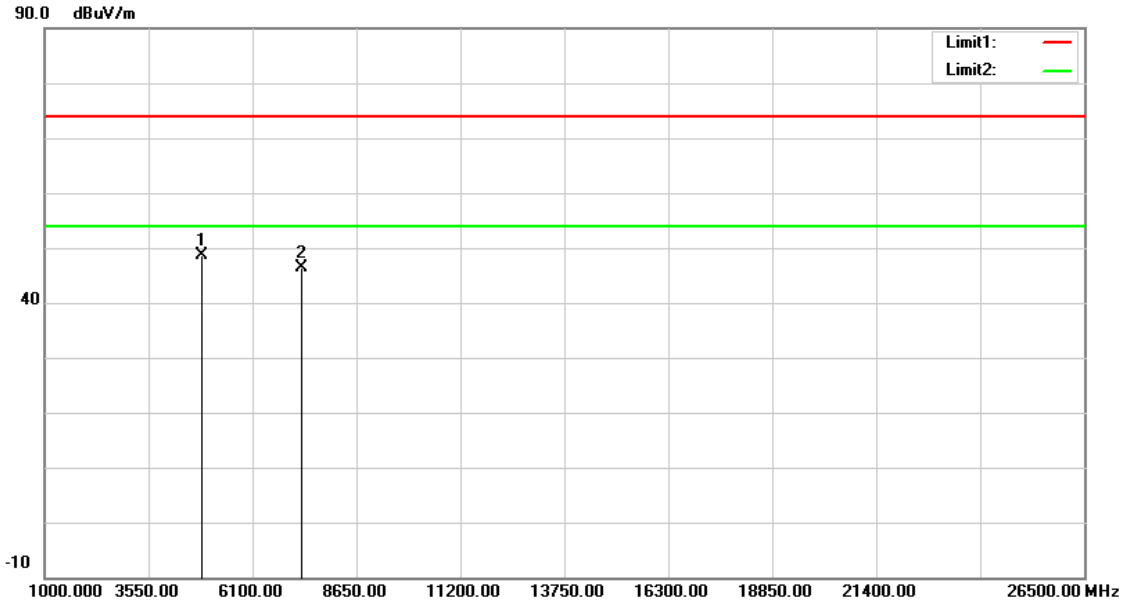
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	37.28	5.57	42.85	74.00	-31.15	peak
2	7236.000	34.21	11.98	46.19	74.00	-27.81	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



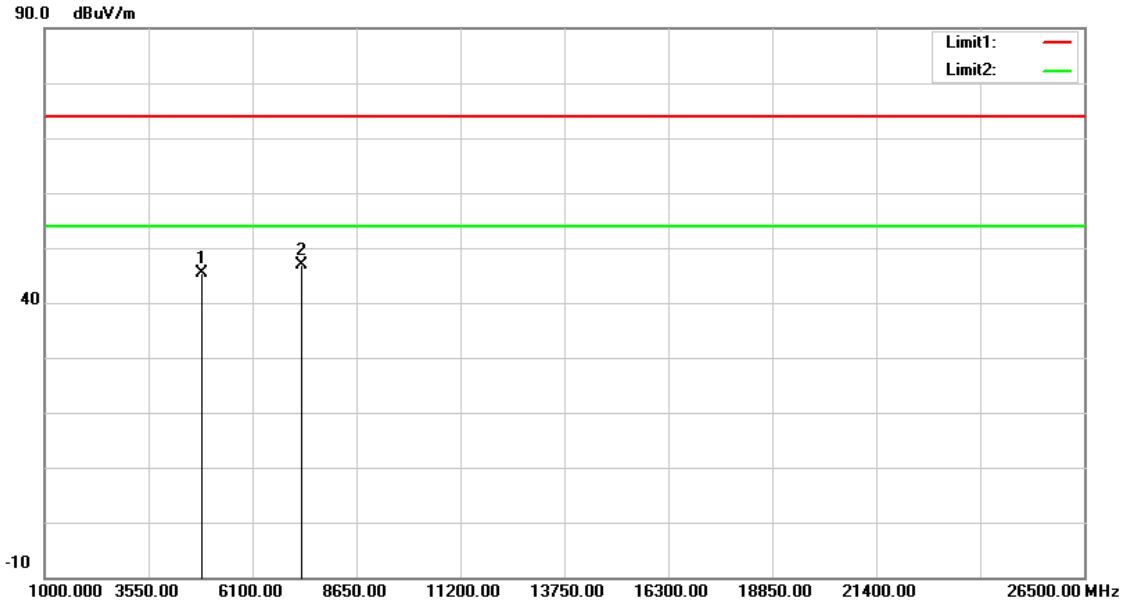
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	43.06	5.67	48.73	74.00	-25.27	peak
2	7311.000	34.20	12.15	46.35	74.00	-27.65	peak

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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



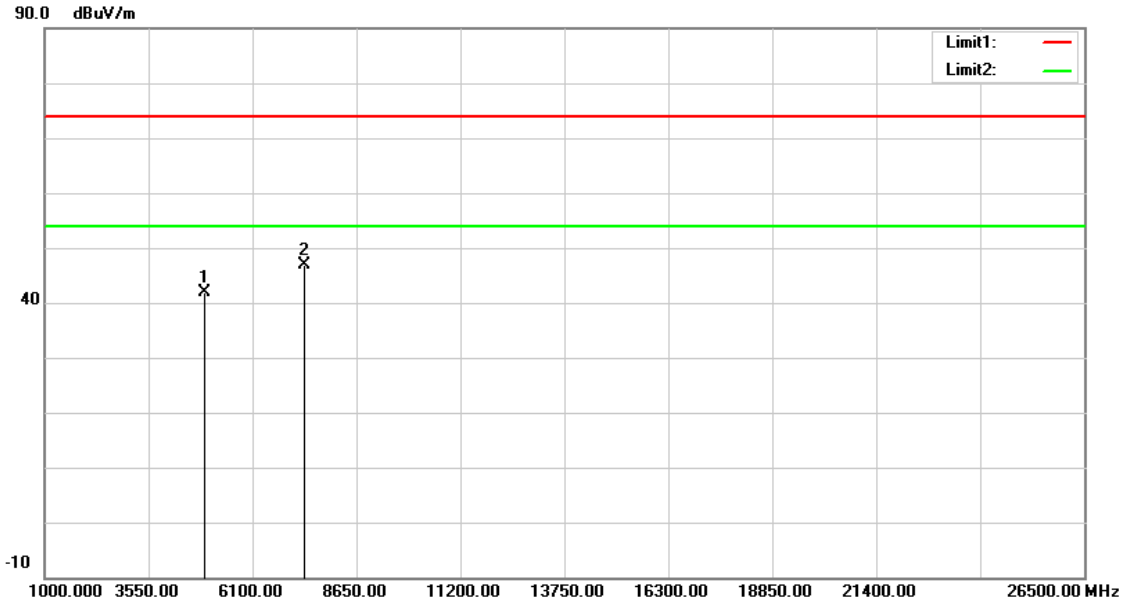
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.70	5.67	45.37	74.00	-28.63	peak
2	7311.000	34.84	12.15	46.99	74.00	-27.01	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



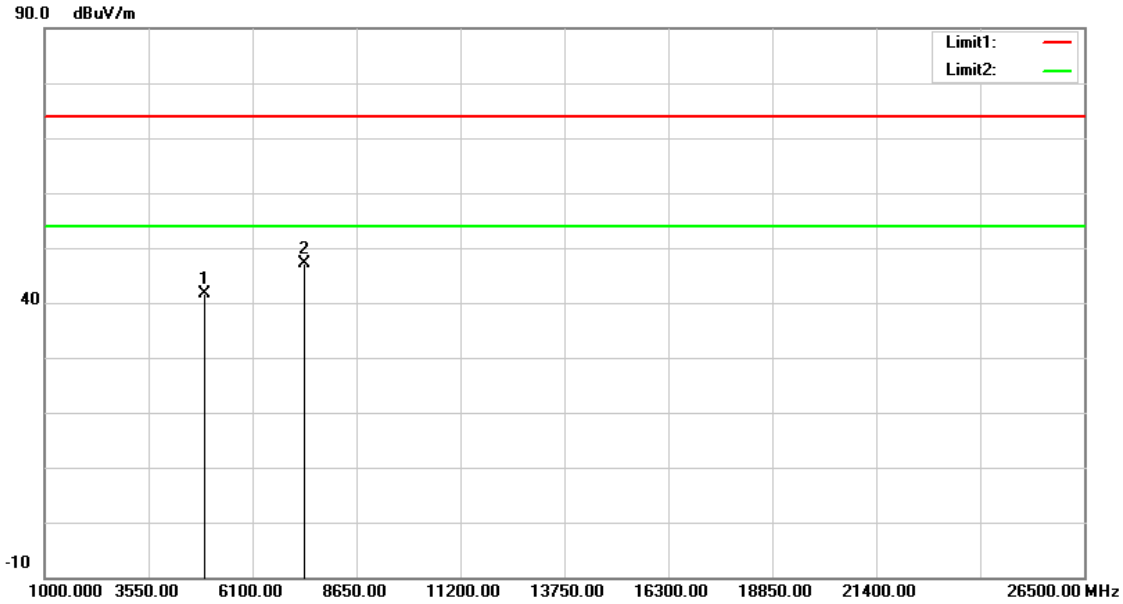
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.21	5.77	41.98	74.00	-32.02	peak
2	7386.000	34.45	12.33	46.78	74.00	-27.22	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



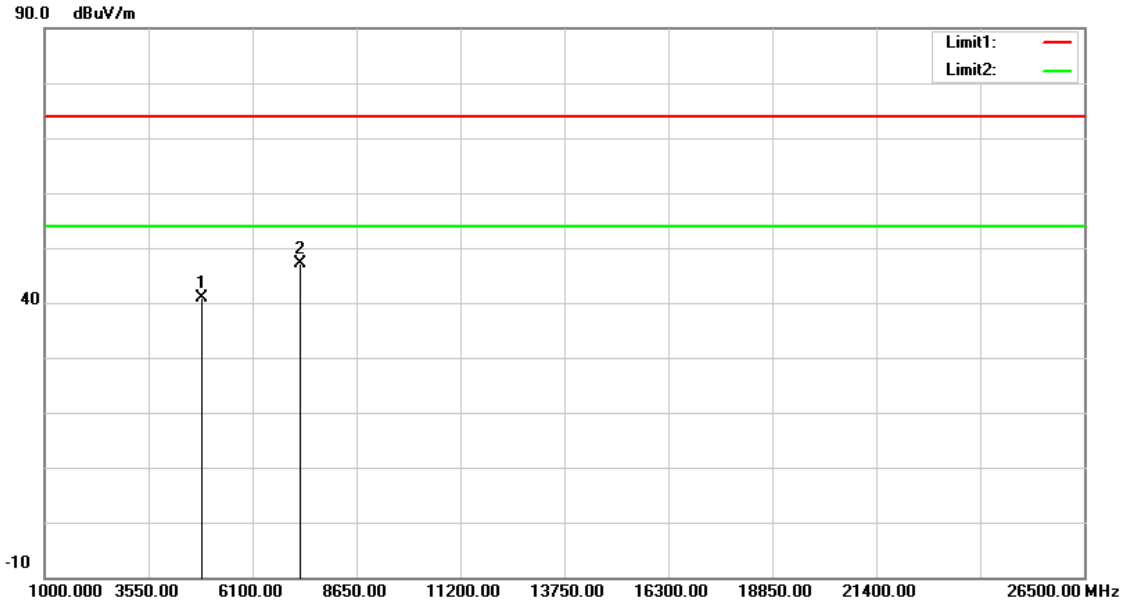
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.81	5.77	41.58	74.00	-32.42	peak
2	7386.000	34.76	12.33	47.09	74.00	-26.91	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



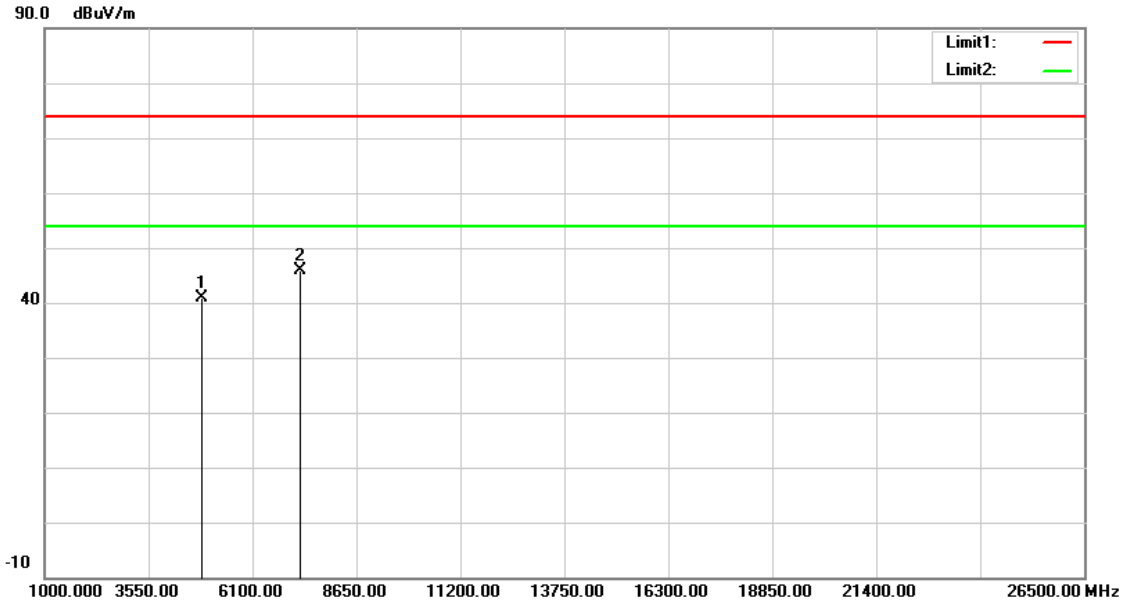
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	35.26	5.62	40.88	74.00	-33.12	peak
2	7266.000	35.07	12.04	47.11	74.00	-26.89	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



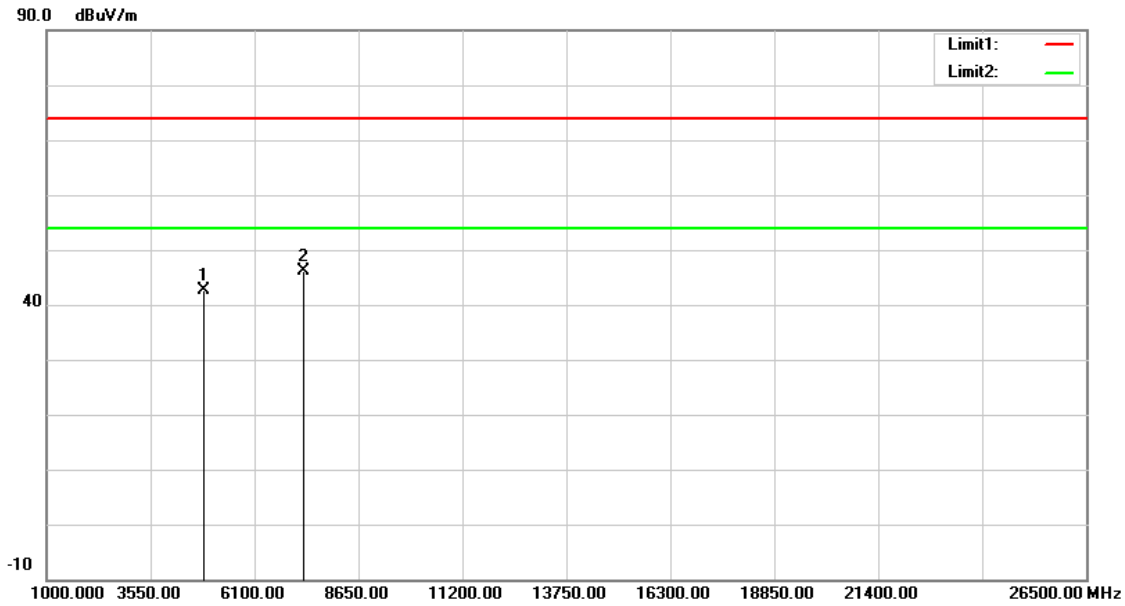
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	35.35	5.62	40.97	74.00	-33.03	peak
2	7266.000	33.87	12.04	45.91	74.00	-28.09	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



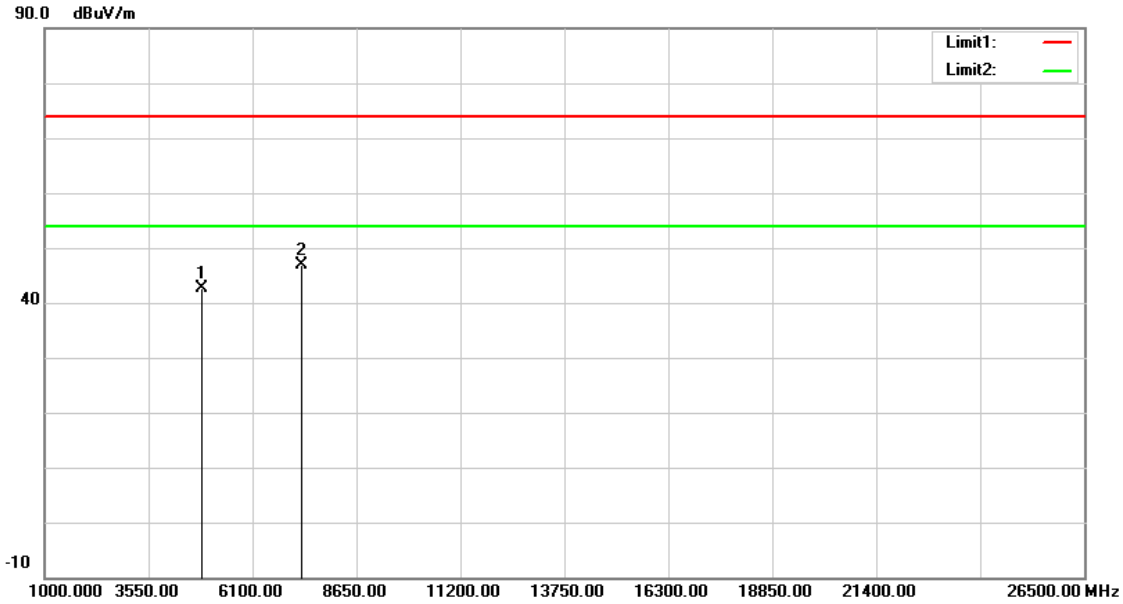
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.86	5.67	42.53	74.00	-31.47	peak
2	7311.000	34.05	12.15	46.20	74.00	-27.80	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



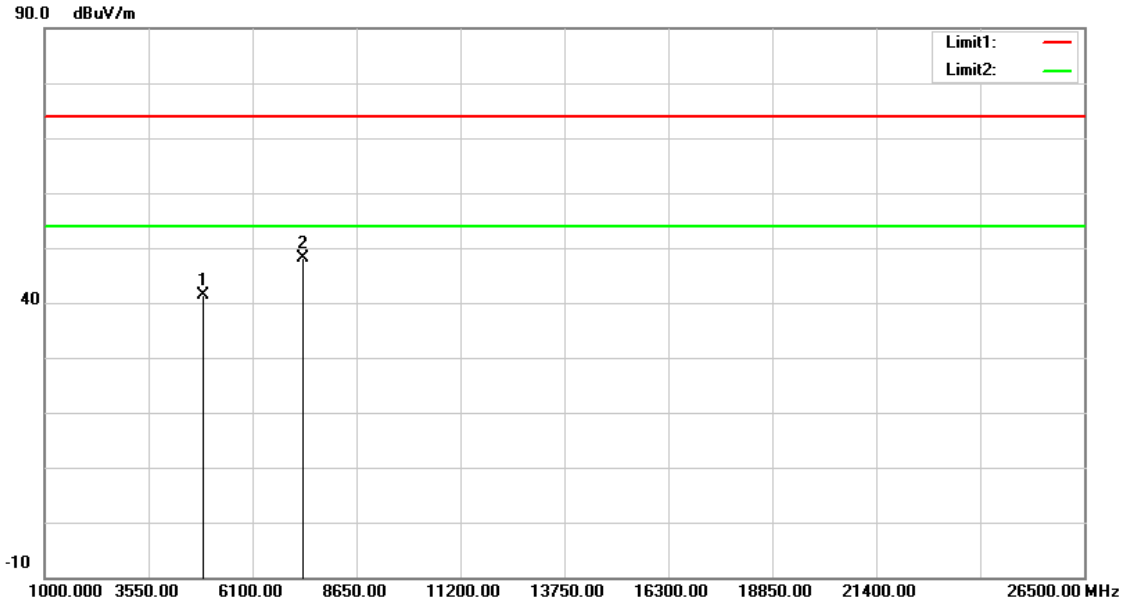
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.87	5.67	42.54	74.00	-31.46	peak
2	7311.000	34.68	12.15	46.83	74.00	-27.17	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



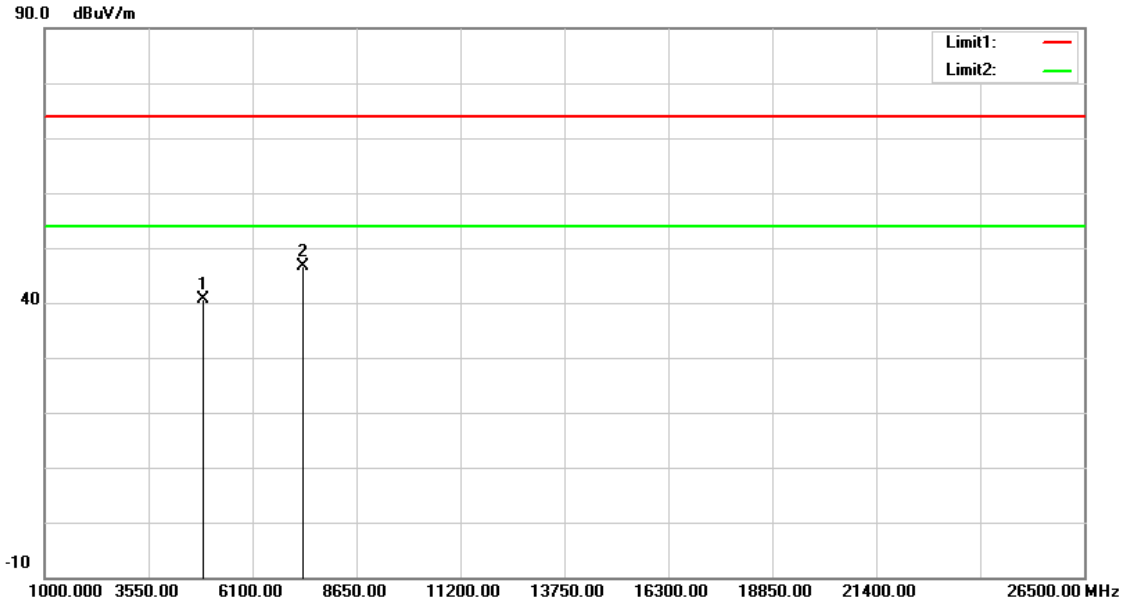
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	35.59	5.73	41.32	74.00	-32.68	peak
2	7356.000	35.87	12.25	48.12	74.00	-25.88	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



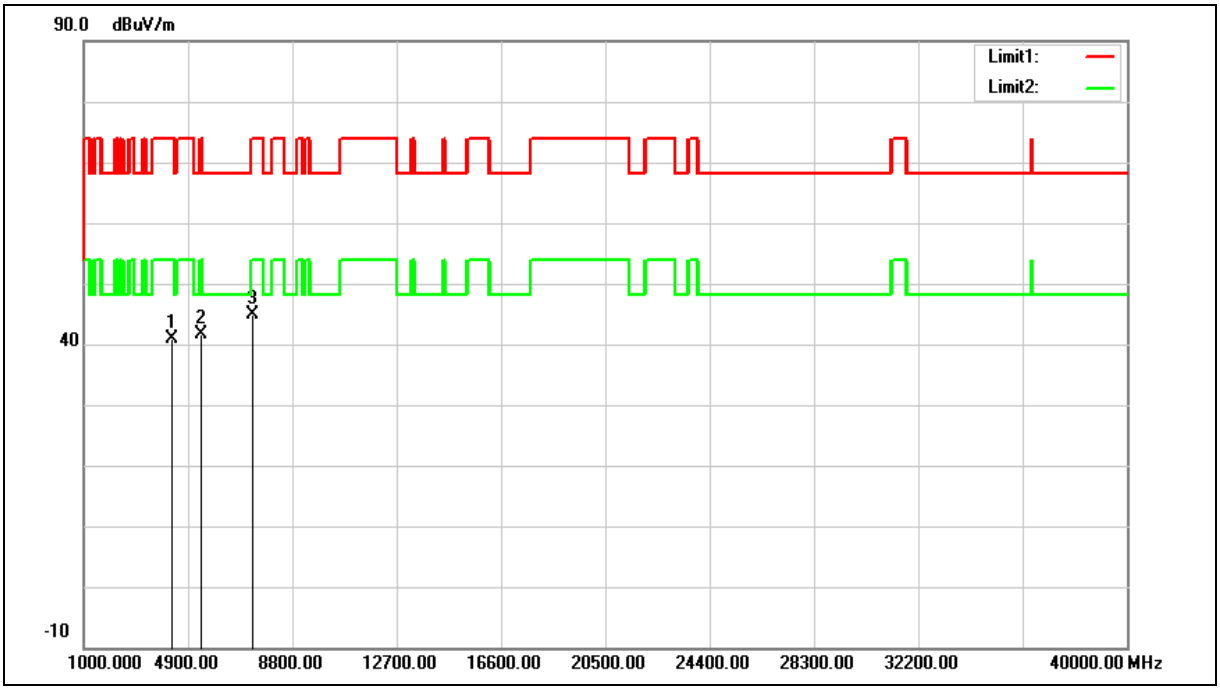
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	34.82	5.73	40.55	74.00	-33.45	peak
2	7356.000	34.41	12.25	46.66	74.00	-27.34	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Horizontal		



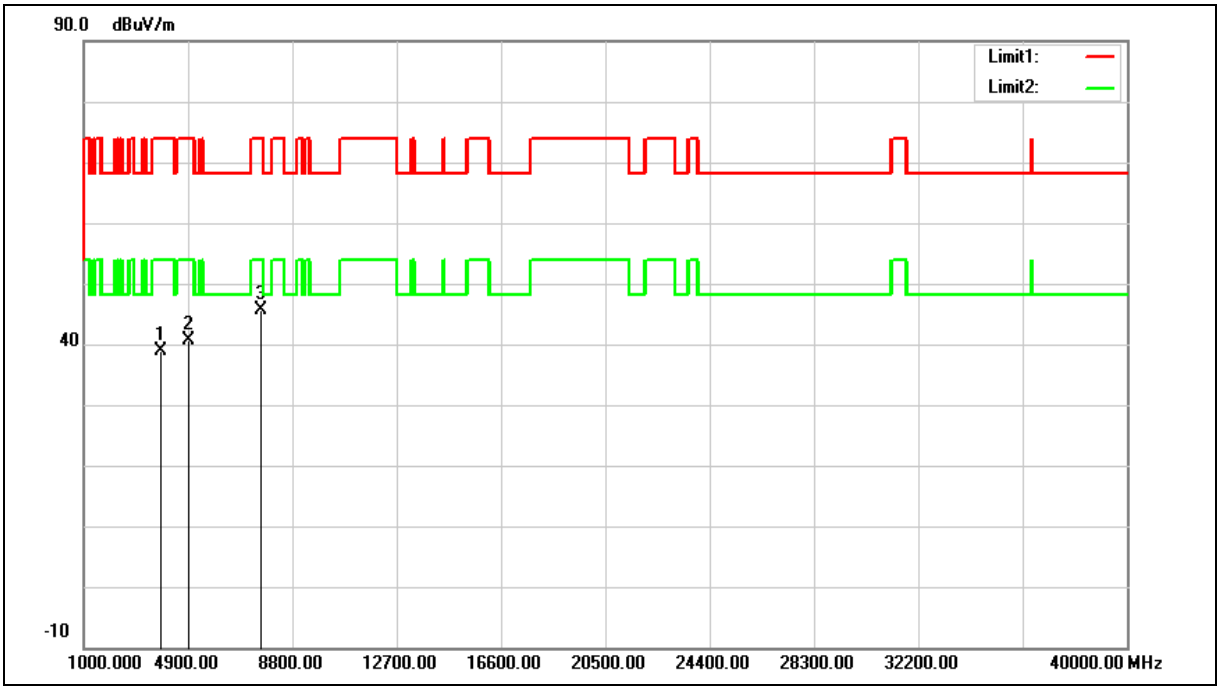
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4247.000	36.77	4.07	40.84	74.00	-33.16	peak
2	5369.000	34.89	6.79	41.68	74.00	-32.32	peak
3	7307.000	32.76	12.14	44.90	74.00	-29.10	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3873.000	35.99	2.85	38.84	74.00	-35.16	peak
2	4910.000	34.82	5.74	40.56	74.00	-33.44	peak
3	7647.000	32.62	13.08	45.70	74.00	-28.30	peak

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

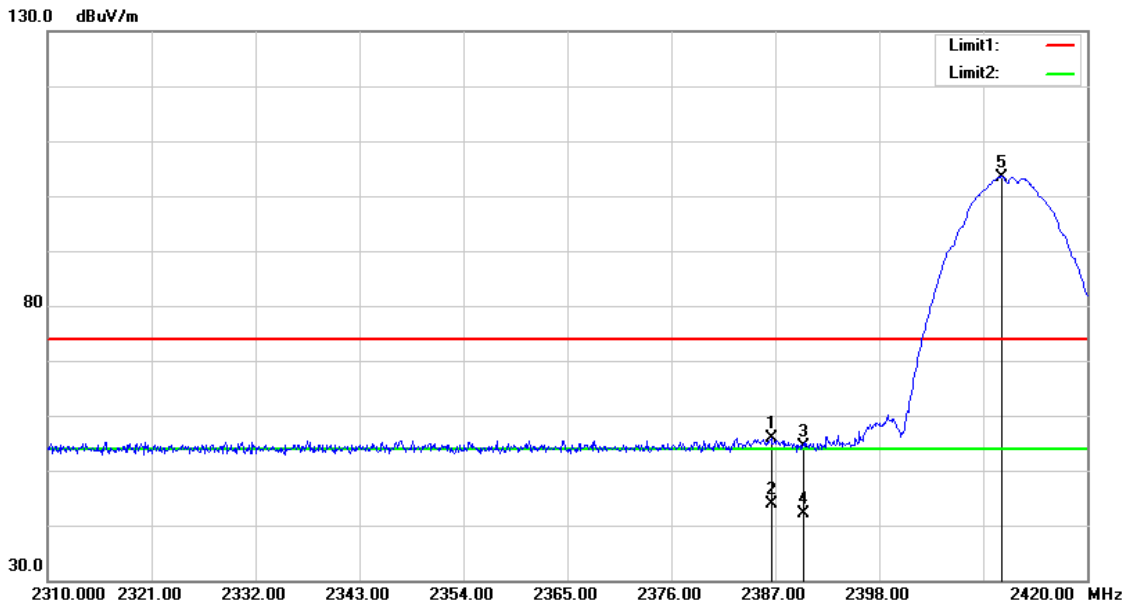
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Band Edge

Iron shell : MatrixPro 2

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



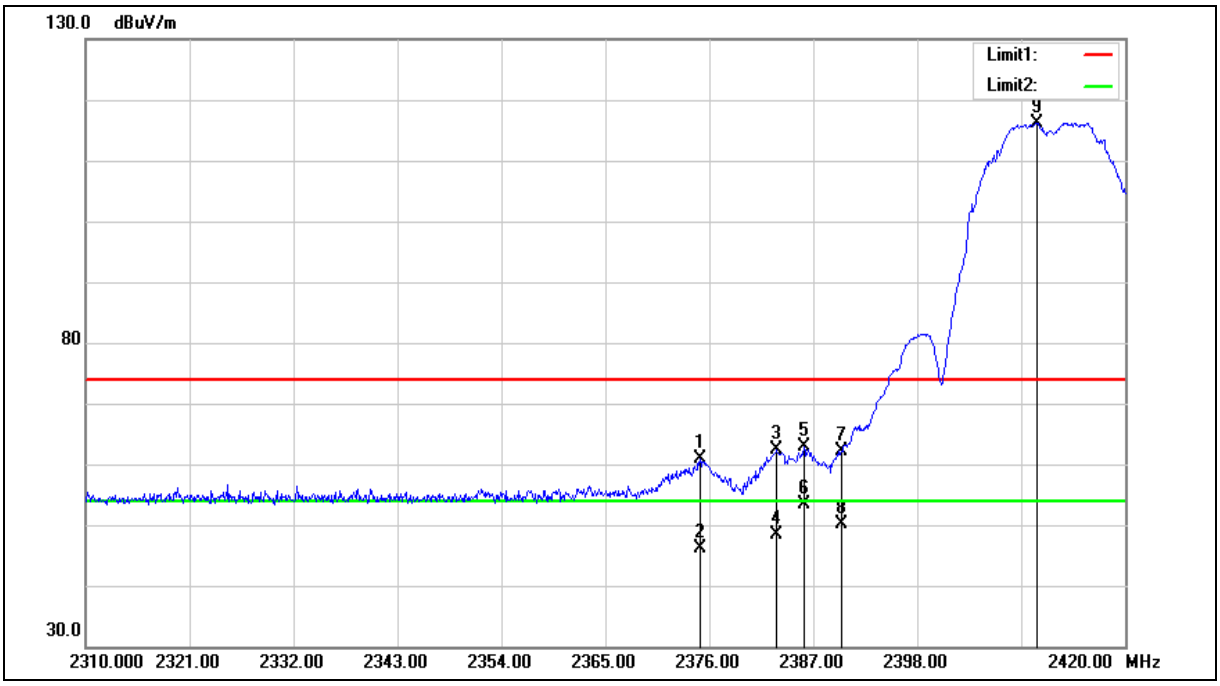
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.560	56.98	-1.06	55.92	74.00	-18.08	peak
2	2386.560	44.86	-1.06	43.80	54.00	-10.20	AVG
3	2390.000	55.35	-1.05	54.30	74.00	-19.70	peak
4	2390.000	43.18	-1.05	42.13	54.00	-11.87	AVG
5	2410.980	104.47	-0.97	103.50	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

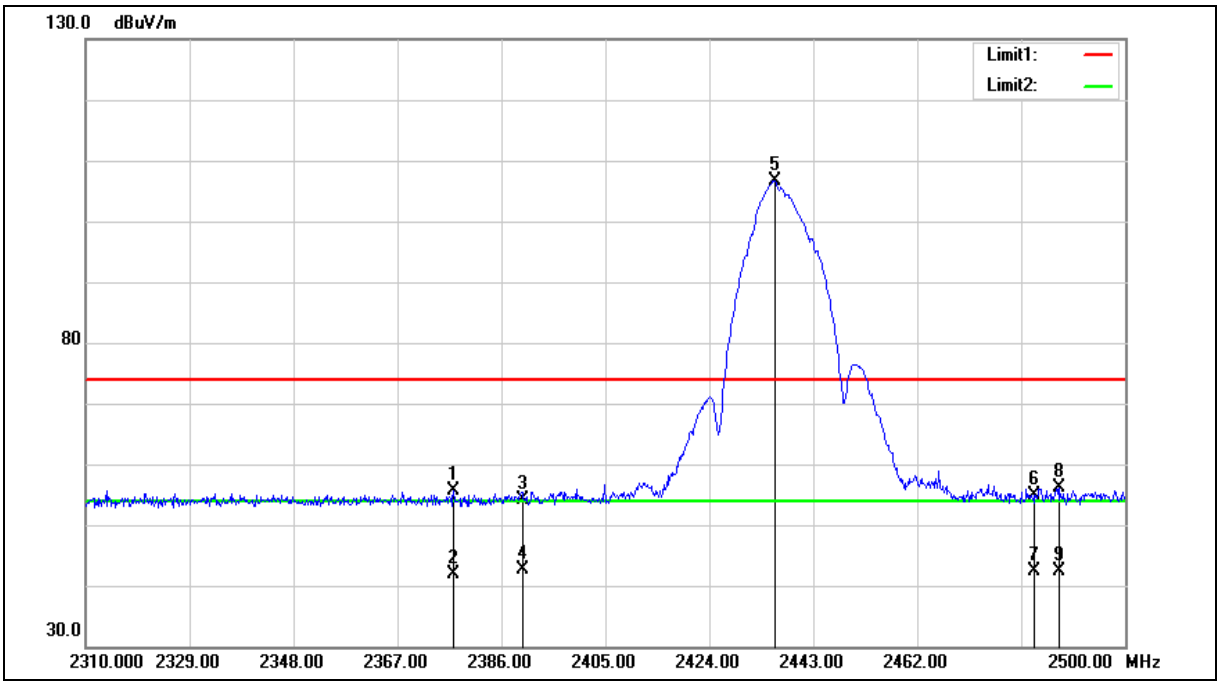
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2375.010	62.04	-1.10	60.94	74.00	-13.06	peak
2	2375.010	47.27	-1.10	46.17	54.00	-7.83	AVG
3	2383.150	63.34	-1.07	62.27	74.00	-11.73	peak
4	2383.150	49.47	-1.07	48.40	54.00	-5.60	AVG
5	2386.010	63.85	-1.07	62.78	74.00	-11.22	peak
6	2386.010	54.55	-1.07	53.48	54.00	-0.52	AVG
7	2390.000	63.28	-1.05	62.23	74.00	-11.77	peak
8	2390.000	51.08	-1.05	50.03	54.00	-3.97	AVG
9	2410.650	117.14	-0.97	116.17	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

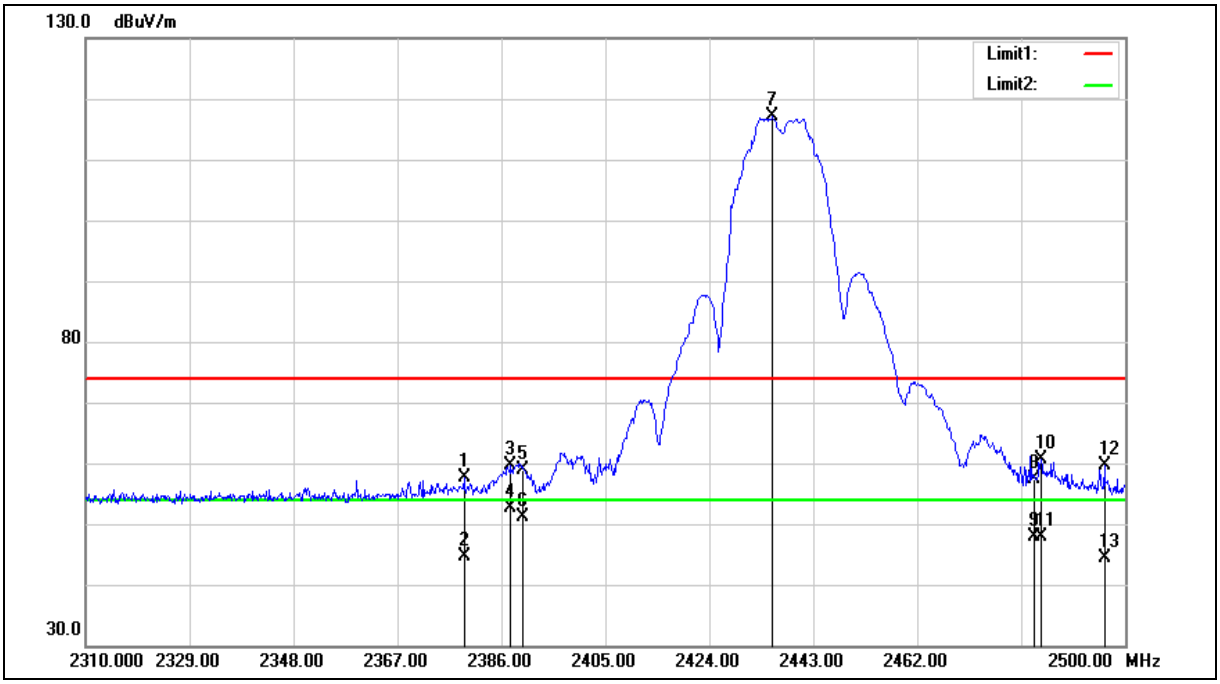
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2377.260	56.79	-1.10	55.69	74.00	-18.31	peak
2	2377.260	42.95	-1.10	41.85	54.00	-12.15	AVG
3	2390.000	55.14	-1.05	54.09	74.00	-19.91	peak
4	2390.000	43.62	-1.05	42.57	54.00	-11.43	AVG
5	2435.970	107.48	-0.88	106.60	---	---	peak
6	2483.500	55.65	-0.70	54.95	74.00	-19.05	peak
7	2483.500	43.14	-0.70	42.44	54.00	-11.56	AVG
8	2488.030	56.83	-0.68	56.15	74.00	-17.85	peak
9	2488.030	43.07	-0.68	42.39	54.00	-11.61	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

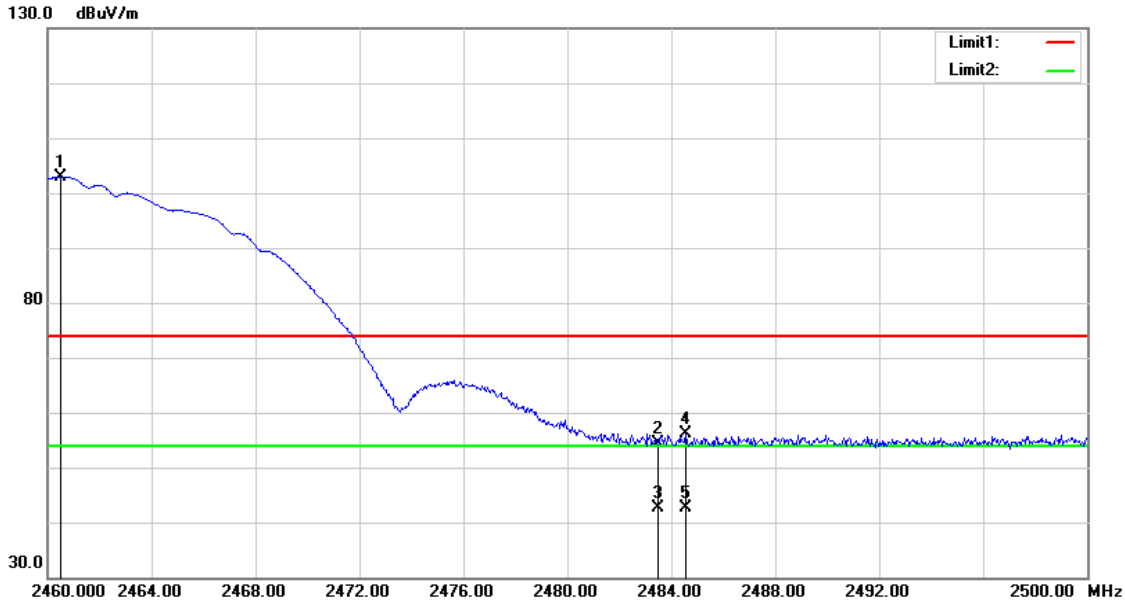
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2379.160	58.61	-1.09	57.52	74.00	-16.48	peak
2	2379.160	45.74	-1.09	44.65	54.00	-9.35	AVG
3	2387.710	60.77	-1.05	59.72	74.00	-14.28	peak
4	2387.710	53.74	-1.05	52.69	54.00	-1.31	AVG
5	2390.000	60.02	-1.05	58.97	74.00	-15.03	peak
6	2390.000	52.11	-1.05	51.06	54.00	-2.94	AVG
7	2435.590	118.00	-0.88	117.12	---	---	peak
8	2483.500	58.08	-0.70	57.38	74.00	-16.62	peak
9	2483.500	48.50	-0.70	47.80	54.00	-6.20	AVG
10	2484.610	61.33	-0.70	60.63	74.00	-13.37	peak
11	2484.610	48.56	-0.70	47.86	54.00	-6.14	AVG
12	2496.200	60.21	-0.65	59.56	74.00	-14.44	peak
13	2496.200	44.96	-0.65	44.31	54.00	-9.69	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



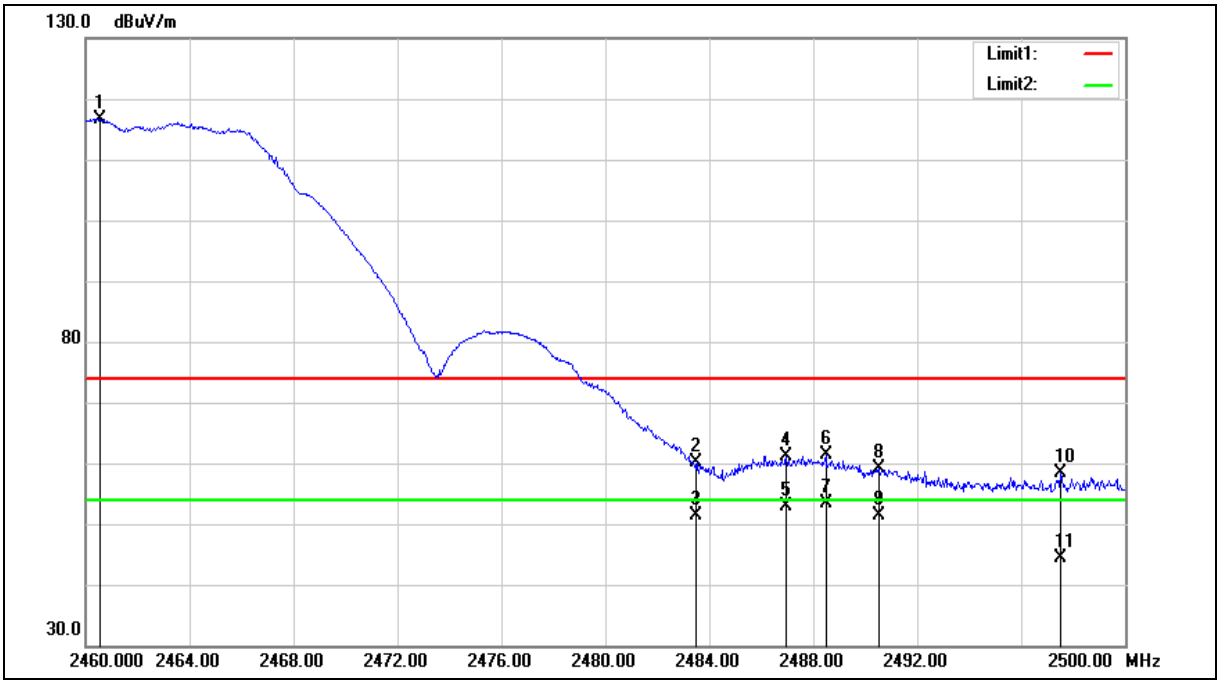
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.480	103.71	-0.79	102.92	---	---	peak
2	2483.500	55.18	-0.70	54.48	74.00	-19.52	peak
3	2483.500	43.22	-0.70	42.52	54.00	-11.48	AVG
4	2484.560	56.86	-0.70	56.16	74.00	-17.84	peak
5	2484.560	43.33	-0.70	42.63	54.00	-11.37	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

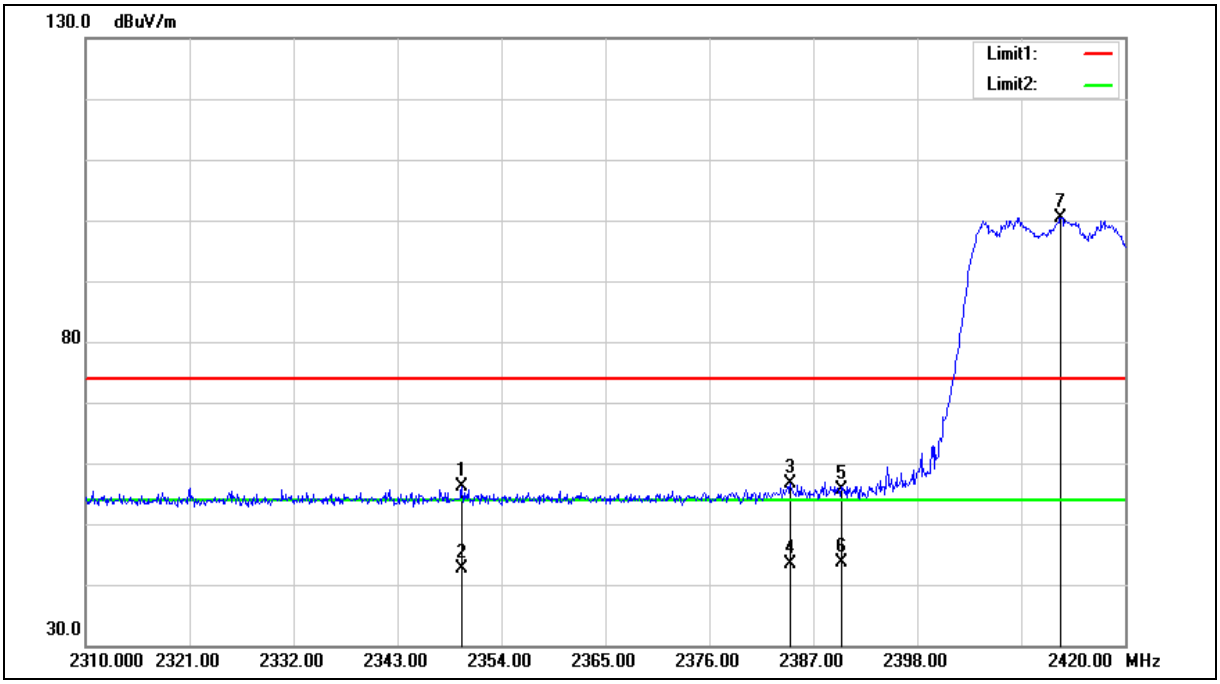
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.560	117.50	-0.79	116.71	---	---	peak
2	2483.500	60.76	-0.70	60.06	74.00	-13.94	peak
3	2483.500	51.97	-0.70	51.27	54.00	-2.73	AVG
4	2486.960	61.87	-0.69	61.18	74.00	-12.82	peak
5	2486.960	53.67	-0.69	52.98	54.00	-1.02	AVG
6	2488.480	62.16	-0.68	61.48	74.00	-12.52	peak
7	2488.480	54.05	-0.68	53.37	54.00	-0.63	AVG
8	2490.520	59.85	-0.67	59.18	74.00	-14.82	peak
9	2490.520	52.06	-0.67	51.39	54.00	-2.61	AVG
10	2497.520	58.96	-0.65	58.31	74.00	-15.69	peak
11	2497.520	44.97	-0.65	44.32	54.00	-9.68	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	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

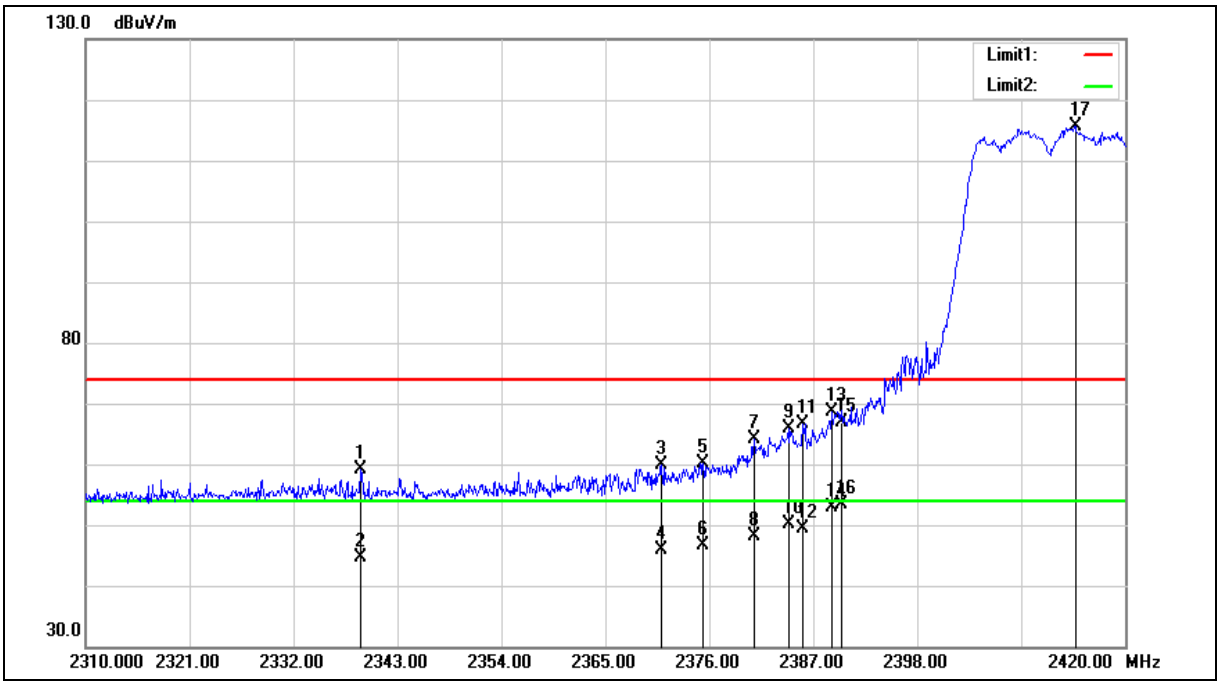
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2349.820	57.40	-1.19	56.21	74.00	-17.79	peak
2	2349.820	43.72	-1.19	42.53	54.00	-11.47	AVG
3	2384.580	57.60	-1.07	56.53	74.00	-17.47	peak
4	2384.580	44.48	-1.07	43.41	54.00	-10.59	AVG
5	2390.000	56.63	-1.05	55.58	74.00	-18.42	peak
6	2390.000	44.70	-1.05	43.65	54.00	-10.35	AVG
7	2413.180	101.43	-0.96	100.47	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

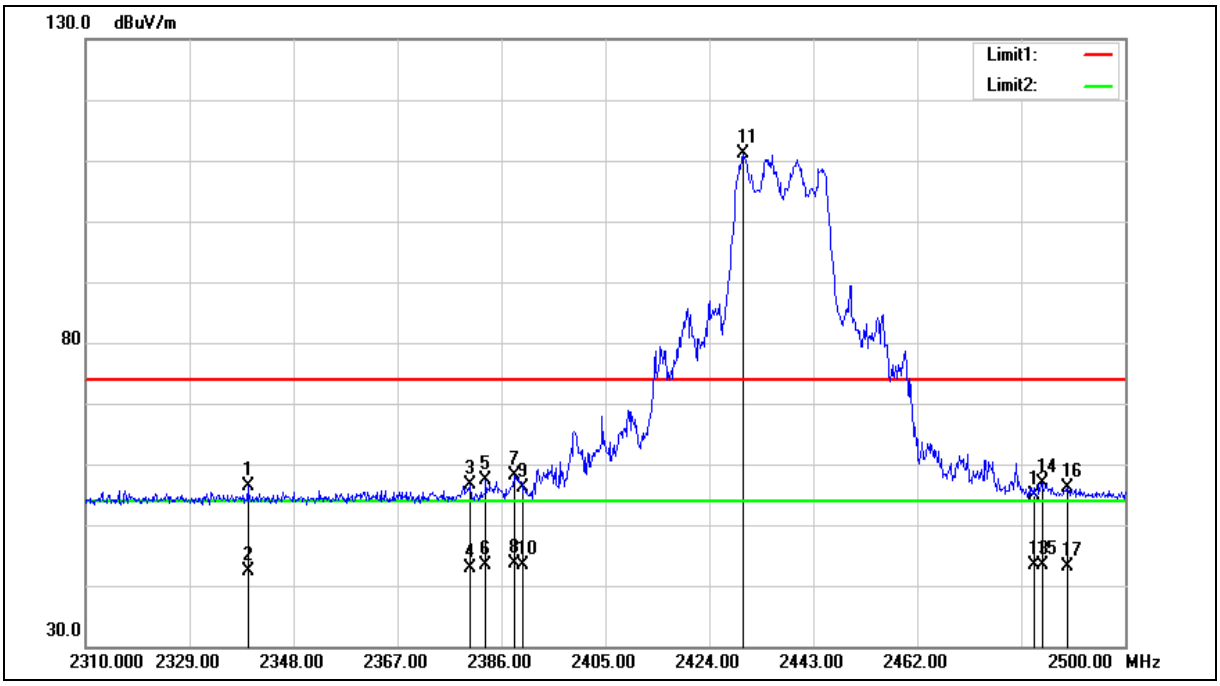
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2339.150	60.48	-1.23	59.25	74.00	-14.75	peak
2	2339.150	45.81	-1.23	44.58	54.00	-9.42	AVG
3	2370.940	61.00	-1.11	59.89	74.00	-14.11	peak
4	2370.940	46.96	-1.11	45.85	54.00	-8.15	AVG
5	2375.340	61.30	-1.10	60.20	74.00	-13.80	peak
6	2375.340	47.64	-1.10	46.54	54.00	-7.46	AVG
7	2380.730	65.20	-1.08	64.12	74.00	-9.88	peak
8	2380.730	49.24	-1.08	48.16	54.00	-5.84	AVG
9	2384.360	66.84	-1.07	65.77	74.00	-8.23	peak
10	2384.360	51.32	-1.07	50.25	54.00	-3.75	AVG
11	2385.900	67.70	-1.07	66.63	74.00	-7.37	peak
12	2385.900	50.44	-1.07	49.37	54.00	-4.63	AVG
13	2388.980	69.74	-1.05	68.69	74.00	-5.31	peak
14	2388.980	53.96	-1.05	52.91	54.00	-1.09	AVG
15	2390.000	68.05	-1.05	67.00	74.00	-7.00	peak
16	2390.000	54.32	-1.05	53.27	54.00	-0.73	AVG
17	2414.720	116.58	-0.95	115.63	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

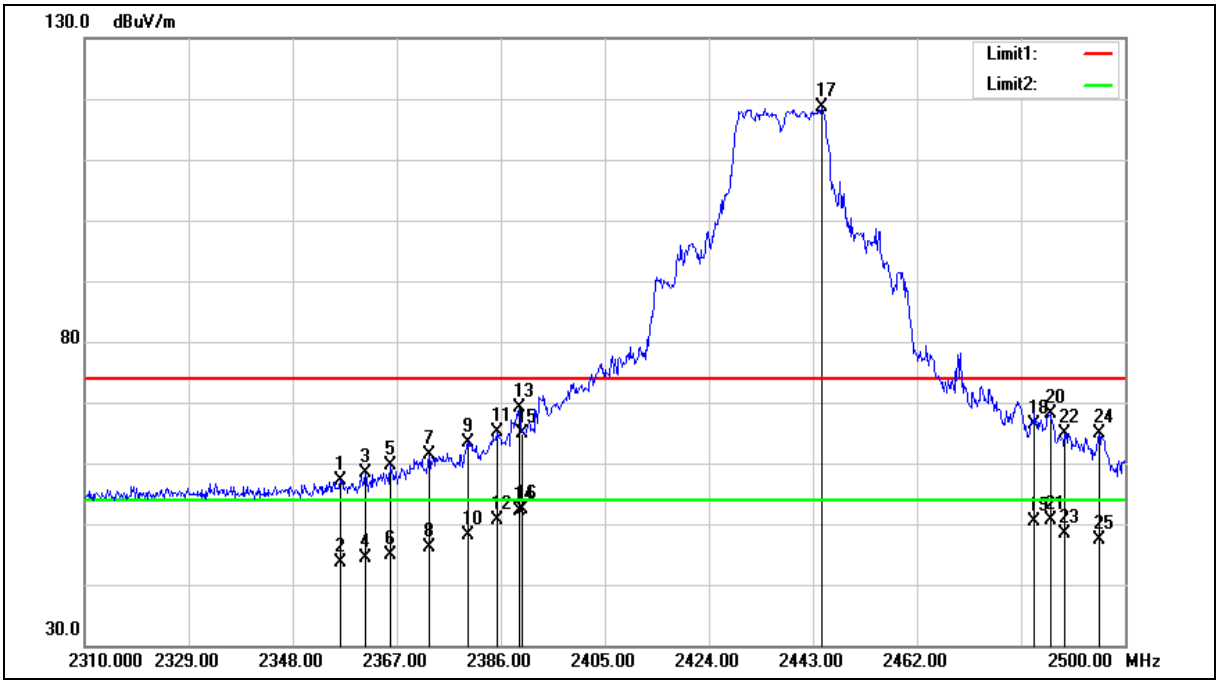
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2339.640	57.71	-1.23	56.48	74.00	-17.52	peak
2	2339.640	43.67	-1.23	42.44	54.00	-11.56	AVG
3	2380.300	57.64	-1.08	56.56	74.00	-17.44	peak
4	2380.300	43.92	-1.08	42.84	54.00	-11.16	AVG
5	2383.150	58.51	-1.07	57.44	74.00	-16.56	peak
6	2383.150	44.46	-1.07	43.39	54.00	-10.61	AVG
7	2388.280	59.28	-1.05	58.23	74.00	-15.77	peak
8	2388.280	44.68	-1.05	43.63	54.00	-10.37	AVG
9	2390.000	57.08	-1.05	56.03	74.00	-17.97	peak
10	2390.000	44.47	-1.05	43.42	54.00	-10.58	AVG
11	2430.080	112.06	-0.89	111.17	---	---	peak
12	2483.500	55.50	-0.70	54.80	74.00	-19.20	peak
13	2483.500	44.01	-0.70	43.31	54.00	-10.69	AVG
14	2484.800	57.56	-0.70	56.86	74.00	-17.14	peak
15	2484.800	44.00	-0.70	43.30	54.00	-10.70	AVG
16	2489.360	56.87	-0.68	56.19	74.00	-17.81	peak
17	2489.360	43.91	-0.68	43.23	54.00	-10.77	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2356.740	58.39	-1.16	57.23	74.00	-16.77	peak
2	2356.740	44.78	-1.16	43.62	54.00	-10.38	AVG
3	2361.300	59.59	-1.15	58.44	74.00	-15.56	peak
4	2361.300	45.60	-1.15	44.45	54.00	-9.55	AVG
5	2365.860	60.73	-1.13	59.60	74.00	-14.40	peak
6	2365.860	46.04	-1.13	44.91	54.00	-9.09	AVG
7	2372.890	62.54	-1.10	61.44	74.00	-12.56	peak
8	2372.890	47.25	-1.10	46.15	54.00	-7.85	AVG
9	2379.920	64.58	-1.08	63.50	74.00	-10.50	peak
10	2379.920	49.18	-1.08	48.10	54.00	-5.90	AVG
11	2385.240	66.15	-1.07	65.08	74.00	-8.92	peak
12	2385.240	51.70	-1.07	50.63	54.00	-3.37	AVG
13	2389.420	70.08	-1.05	69.03	74.00	-4.97	peak
14	2389.420	53.24	-1.05	52.19	54.00	-1.81	AVG
15	2390.000	66.05	-1.05	65.00	74.00	-9.00	peak
16	2390.000	53.35	-1.05	52.30	54.00	-1.70	AVG
17	2444.520	119.40	-0.84	118.56	---	---	peak
18	2483.500	67.16	-0.70	66.46	74.00	-7.54	peak
19	2483.500	51.05	-0.70	50.35	54.00	-3.65	AVG
20	2486.510	68.73	-0.70	68.03	74.00	-5.97	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

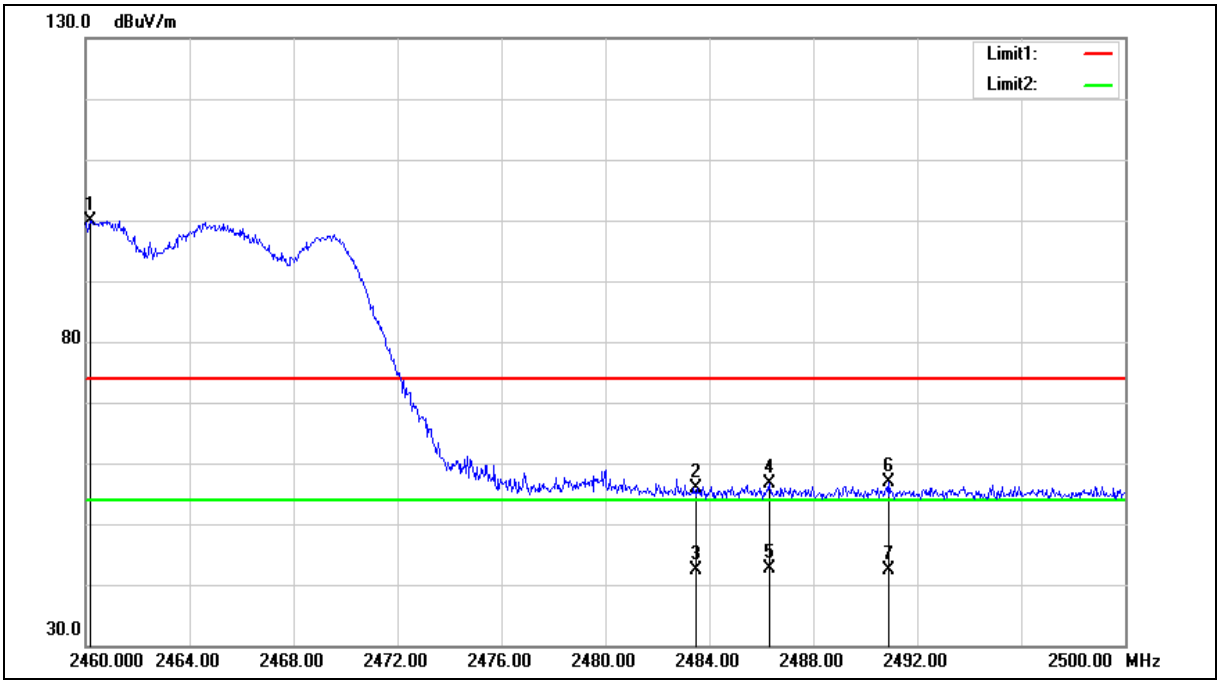
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2486.510	51.26	-0.70	50.56	54.00	-3.44	AVG
22	2488.980	65.59	-0.68	64.91	74.00	-9.09	peak
23	2488.980	49.13	-0.68	48.45	54.00	-5.55	AVG
24	2495.250	65.47	-0.66	64.81	74.00	-9.19	peak
25	2495.250	47.95	-0.66	47.29	54.00	-6.71	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

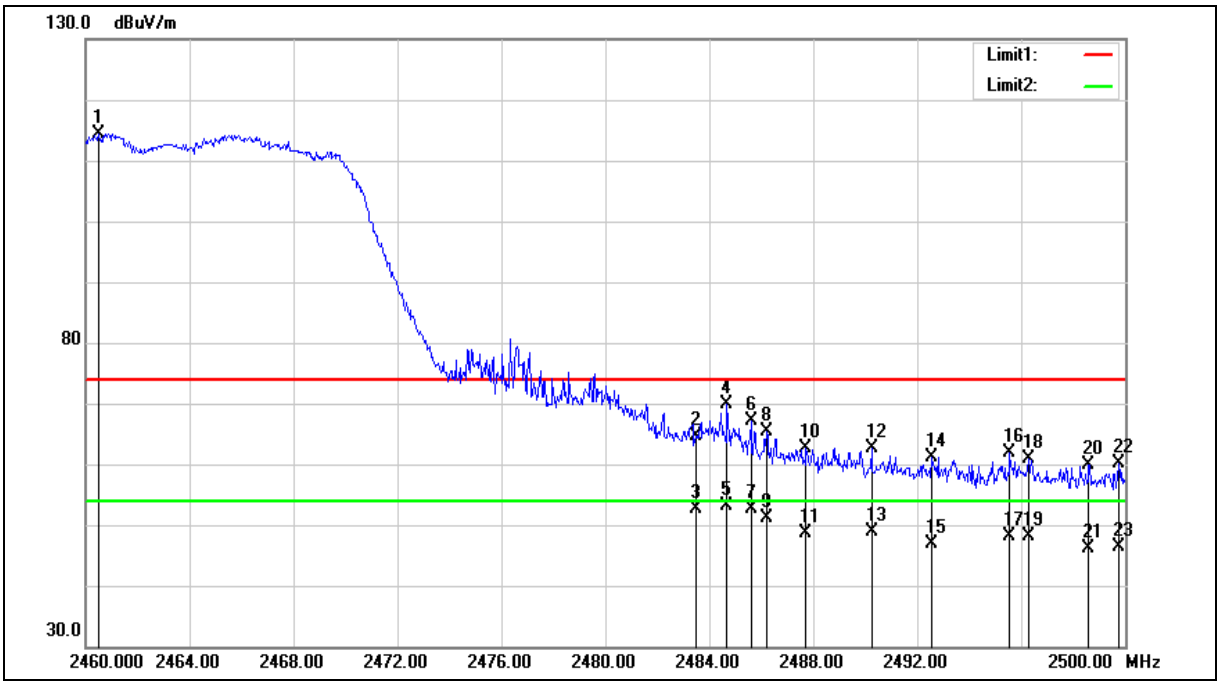
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.160	100.78	-0.79	99.99	---	---	peak
2	2483.500	56.64	-0.70	55.94	74.00	-18.06	peak
3	2483.500	43.17	-0.70	42.47	54.00	-11.53	AVG
4	2486.320	57.28	-0.70	56.58	74.00	-17.42	peak
5	2486.320	43.24	-0.70	42.54	54.00	-11.46	AVG
6	2490.920	57.43	-0.67	56.76	74.00	-17.24	peak
7	2490.920	43.07	-0.67	42.40	54.00	-11.60	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

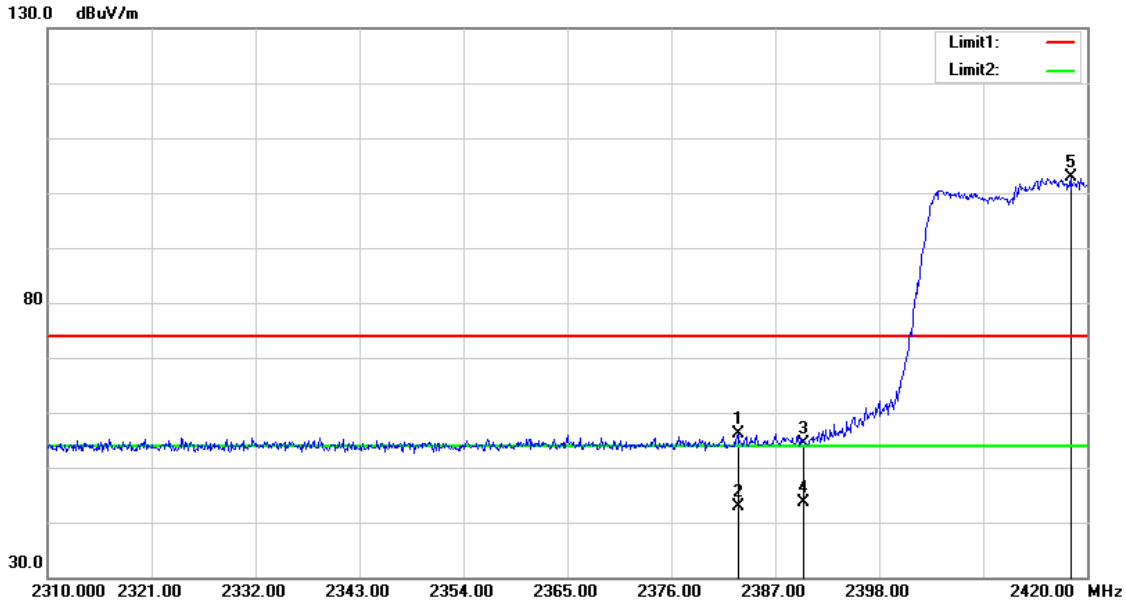
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.480	115.12	-0.79	114.33	---	---	peak
2	2483.500	65.27	-0.70	64.57	74.00	-9.43	peak
3	2483.500	53.34	-0.70	52.64	54.00	-1.36	AVG
4	2484.680	70.59	-0.70	69.89	74.00	-4.11	peak
5	2484.680	53.81	-0.70	53.11	54.00	-0.89	AVG
6	2485.600	67.91	-0.70	67.21	74.00	-6.79	peak
7	2485.600	53.45	-0.70	52.75	54.00	-1.25	AVG
8	2486.200	66.00	-0.70	65.30	74.00	-8.70	peak
9	2486.200	51.89	-0.70	51.19	54.00	-2.81	AVG
10	2487.720	63.41	-0.68	62.73	74.00	-11.27	peak
11	2487.720	49.33	-0.68	48.65	54.00	-5.35	AVG
12	2490.240	63.24	-0.68	62.56	74.00	-11.44	peak
13	2490.240	49.56	-0.68	48.88	54.00	-5.12	AVG
14	2492.560	61.91	-0.67	61.24	74.00	-12.76	peak
15	2492.560	47.54	-0.67	46.87	54.00	-7.13	AVG
16	2495.560	62.46	-0.66	61.80	74.00	-12.20	peak
17	2495.560	48.82	-0.66	48.16	54.00	-5.84	AVG
18	2496.280	61.57	-0.65	60.92	74.00	-13.08	peak
19	2496.280	48.87	-0.65	48.22	54.00	-5.78	AVG
20	2498.600	60.43	-0.64	59.79	74.00	-14.21	peak
21	2498.600	46.84	-0.64	46.20	54.00	-7.80	AVG
22	2499.760	60.65	-0.64	60.01	74.00	-13.99	peak
23	2499.760	47.05	-0.64	46.41	54.00	-7.59	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	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



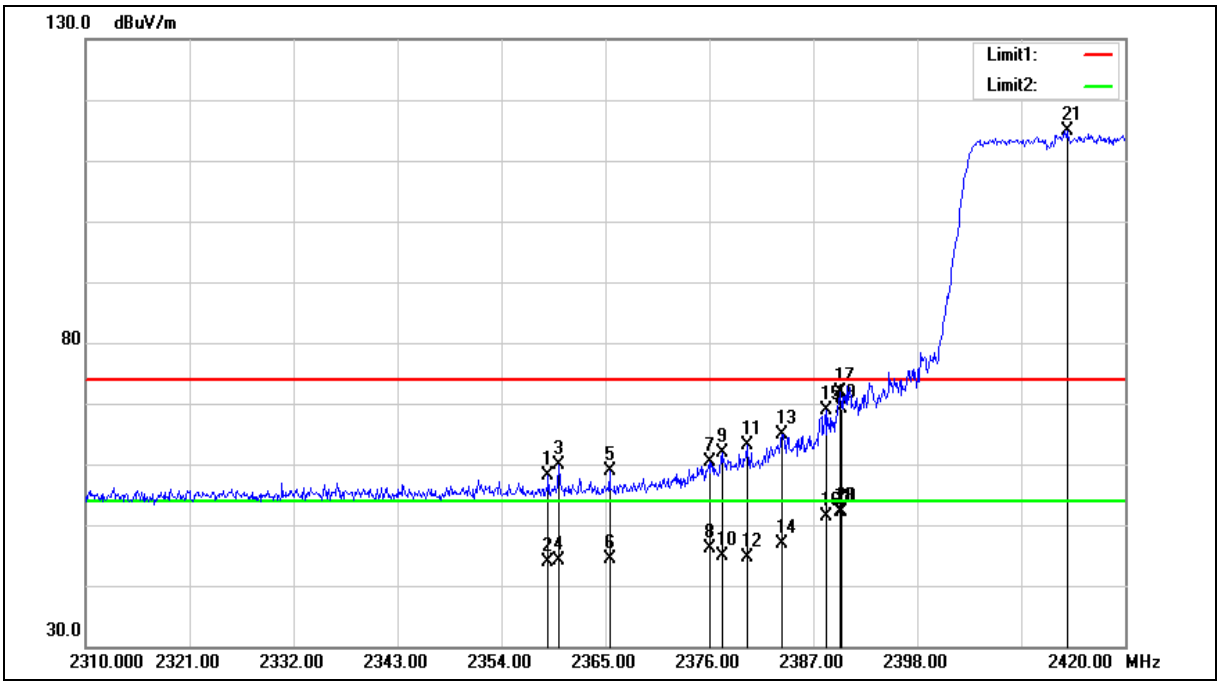
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2383.040	57.20	-1.07	56.13	74.00	-17.87	peak
2	2383.040	44.02	-1.07	42.95	54.00	-11.05	AVG
3	2390.000	55.38	-1.05	54.33	74.00	-19.67	peak
4	2390.000	44.62	-1.05	43.57	54.00	-10.43	AVG
5	2418.240	103.89	-0.94	102.95	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

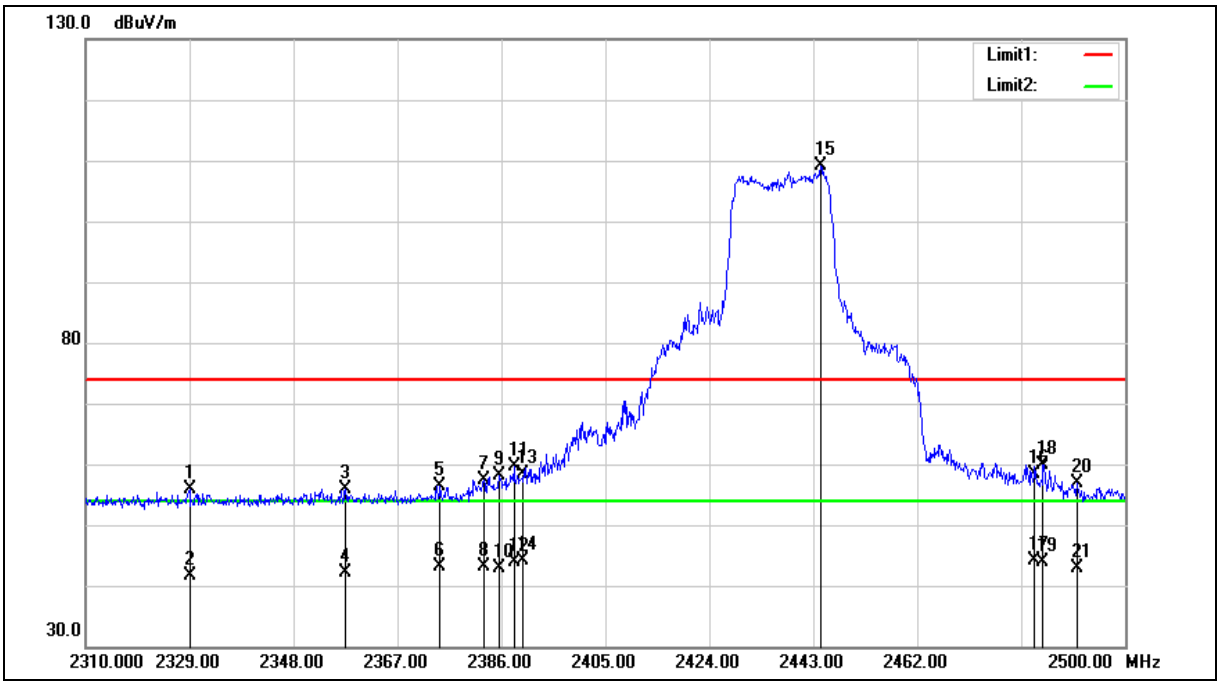
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2358.950	59.41	-1.16	58.25	74.00	-15.75	peak
2	2358.950	45.05	-1.16	43.89	54.00	-10.11	AVG
3	2360.050	60.94	-1.15	59.79	74.00	-14.21	peak
4	2360.050	45.18	-1.15	44.03	54.00	-9.97	AVG
5	2365.440	60.07	-1.13	58.94	74.00	-15.06	peak
6	2365.440	45.40	-1.13	44.27	54.00	-9.73	AVG
7	2376.000	61.41	-1.10	60.31	74.00	-13.69	peak
8	2376.000	47.27	-1.10	46.17	54.00	-7.83	AVG
9	2377.320	62.86	-1.10	61.76	74.00	-12.24	peak
10	2377.320	45.91	-1.10	44.81	54.00	-9.19	AVG
11	2379.960	64.13	-1.08	63.05	74.00	-10.95	peak
12	2379.960	45.71	-1.08	44.63	54.00	-9.37	AVG
13	2383.700	66.06	-1.07	64.99	74.00	-9.01	peak
14	2383.700	47.99	-1.07	46.92	54.00	-7.08	AVG
15	2388.320	69.84	-1.05	68.79	74.00	-5.21	peak
16	2388.320	52.42	-1.05	51.37	54.00	-2.63	AVG
17	2389.860	72.81	-1.05	71.76	74.00	-2.24	peak
18	2389.860	53.19	-1.05	52.14	54.00	-1.86	AVG
19	2390.000	70.06	-1.05	69.01	74.00	-4.99	peak
20	2390.000	53.29	-1.05	52.24	54.00	-1.76	AVG
21	2413.840	115.86	-0.95	114.91	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

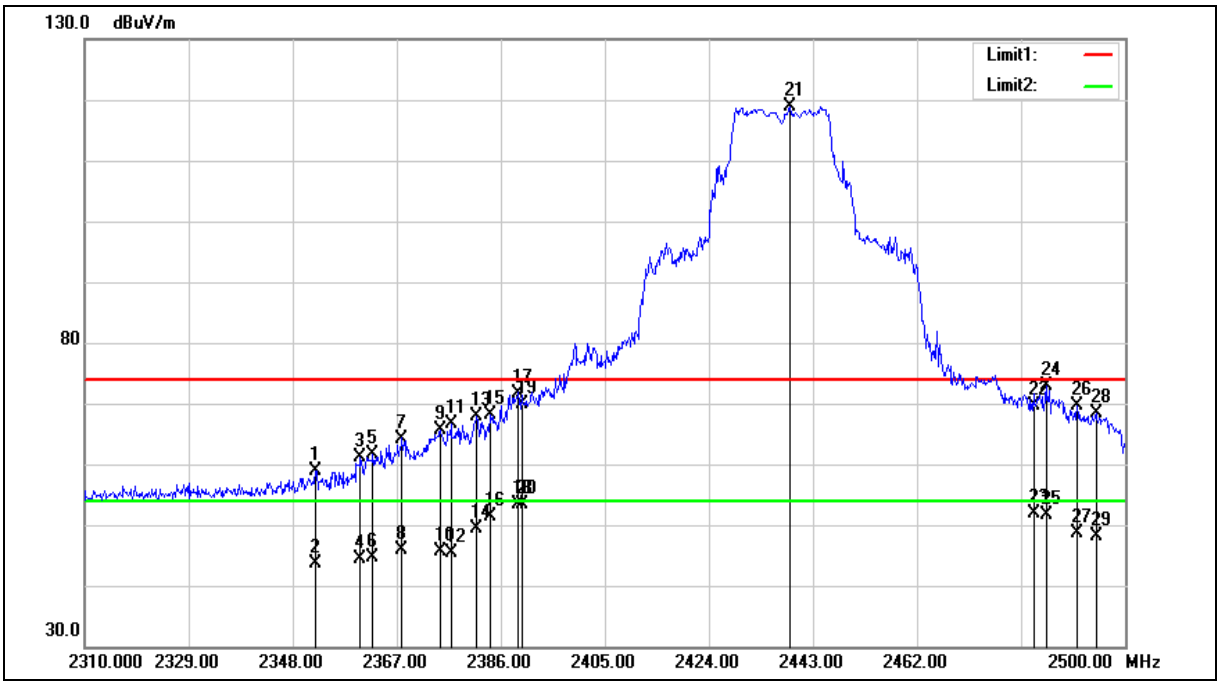
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2329.000	57.12	-1.27	55.85	74.00	-18.15	peak
2	2329.000	43.00	-1.27	41.73	54.00	-12.27	AVG
3	2357.500	57.10	-1.16	55.94	74.00	-18.06	peak
4	2357.500	43.19	-1.16	42.03	54.00	-11.97	AVG
5	2374.790	57.45	-1.10	56.35	74.00	-17.65	peak
6	2374.790	44.24	-1.10	43.14	54.00	-10.86	AVG
7	2382.770	58.49	-1.07	57.42	74.00	-16.58	peak
8	2382.770	44.08	-1.07	43.01	54.00	-10.99	AVG
9	2385.620	59.13	-1.07	58.06	74.00	-15.94	peak
10	2385.620	44.02	-1.07	42.95	54.00	-11.05	AVG
11	2388.280	60.67	-1.05	59.62	74.00	-14.38	peak
12	2388.280	44.99	-1.05	43.94	54.00	-10.06	AVG
13	2390.000	59.54	-1.05	58.49	74.00	-15.51	peak
14	2390.000	45.27	-1.05	44.22	54.00	-9.78	AVG
15	2444.330	109.86	-0.84	109.02	---	---	peak
16	2483.500	59.20	-0.70	58.50	74.00	-15.50	peak
17	2483.500	44.73	-0.70	44.03	54.00	-9.97	AVG
18	2484.990	60.59	-0.70	59.89	74.00	-14.11	peak
19	2484.990	44.68	-0.70	43.98	54.00	-10.02	AVG
20	2491.260	57.56	-0.67	56.89	74.00	-17.11	peak
21	2491.260	43.48	-0.67	42.81	54.00	-11.19	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2352.180	60.00	-1.18	58.82	74.00	-15.18	peak
2	2352.180	44.69	-1.18	43.51	54.00	-10.49	AVG
3	2360.350	62.30	-1.15	61.15	74.00	-12.85	peak
4	2360.350	45.57	-1.15	44.42	54.00	-9.58	AVG
5	2362.630	62.76	-1.14	61.62	74.00	-12.38	peak
6	2362.630	45.89	-1.14	44.75	54.00	-9.25	AVG
7	2367.950	65.37	-1.12	64.25	74.00	-9.75	peak
8	2367.950	46.94	-1.12	45.82	54.00	-8.18	AVG
9	2374.980	66.83	-1.10	65.73	74.00	-8.27	peak
10	2374.980	46.85	-1.10	45.75	54.00	-8.25	AVG
11	2376.880	67.67	-1.10	66.57	74.00	-7.43	peak
12	2376.880	46.53	-1.10	45.43	54.00	-8.57	AVG
13	2381.630	68.87	-1.08	67.79	74.00	-6.21	peak
14	2381.630	50.41	-1.08	49.33	54.00	-4.67	AVG
15	2384.100	69.25	-1.07	68.18	74.00	-5.82	peak
16	2384.100	52.36	-1.07	51.29	54.00	-2.71	AVG
17	2389.230	72.80	-1.05	71.75	74.00	-2.25	peak
18	2389.230	54.34	-1.05	53.29	54.00	-0.71	AVG
19	2390.000	70.93	-1.05	69.88	74.00	-4.12	peak
20	2390.000	54.31	-1.05	53.26	54.00	-0.74	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

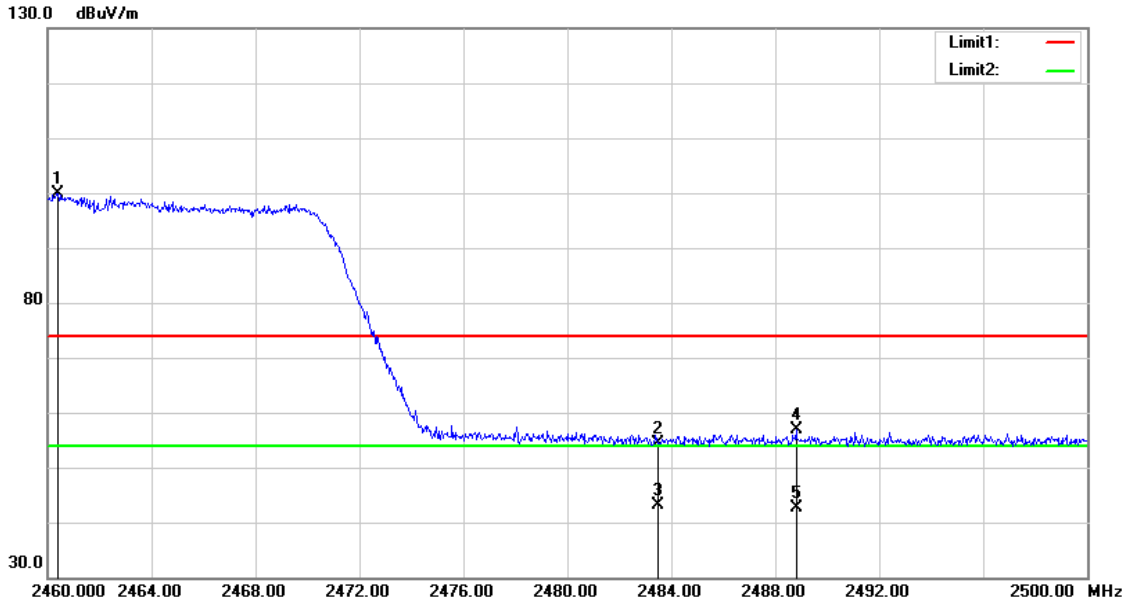
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2438.820	119.78	-0.86	118.92	---	---	peak
22	2483.500	70.35	-0.70	69.65	74.00	-4.35	peak
23	2483.500	52.67	-0.70	51.97	54.00	-2.03	AVG
24	2485.560	73.61	-0.70	72.91	74.00	-1.09	peak
25	2485.560	52.25	-0.70	51.55	54.00	-2.45	AVG
26	2491.260	70.38	-0.67	69.71	74.00	-4.29	peak
27	2491.260	49.29	-0.67	48.62	54.00	-5.38	AVG
28	2494.680	69.00	-0.66	68.34	74.00	-5.66	peak
29	2494.680	48.68	-0.66	48.02	54.00	-5.98	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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



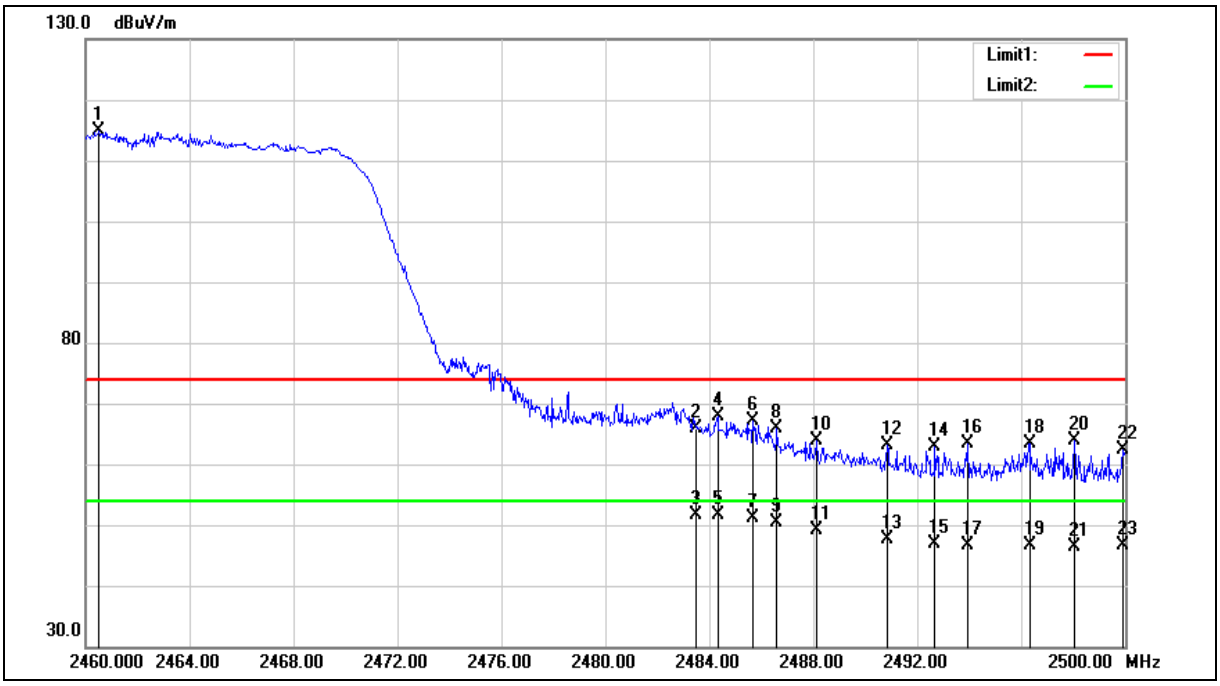
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.400	100.76	-0.79	99.97	---	---	peak
2	2483.500	55.08	-0.70	54.38	74.00	-19.62	peak
3	2483.500	43.73	-0.70	43.03	54.00	-10.97	AVG
4	2488.800	57.45	-0.68	56.77	74.00	-17.23	peak
5	2488.800	43.43	-0.68	42.75	54.00	-11.25	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

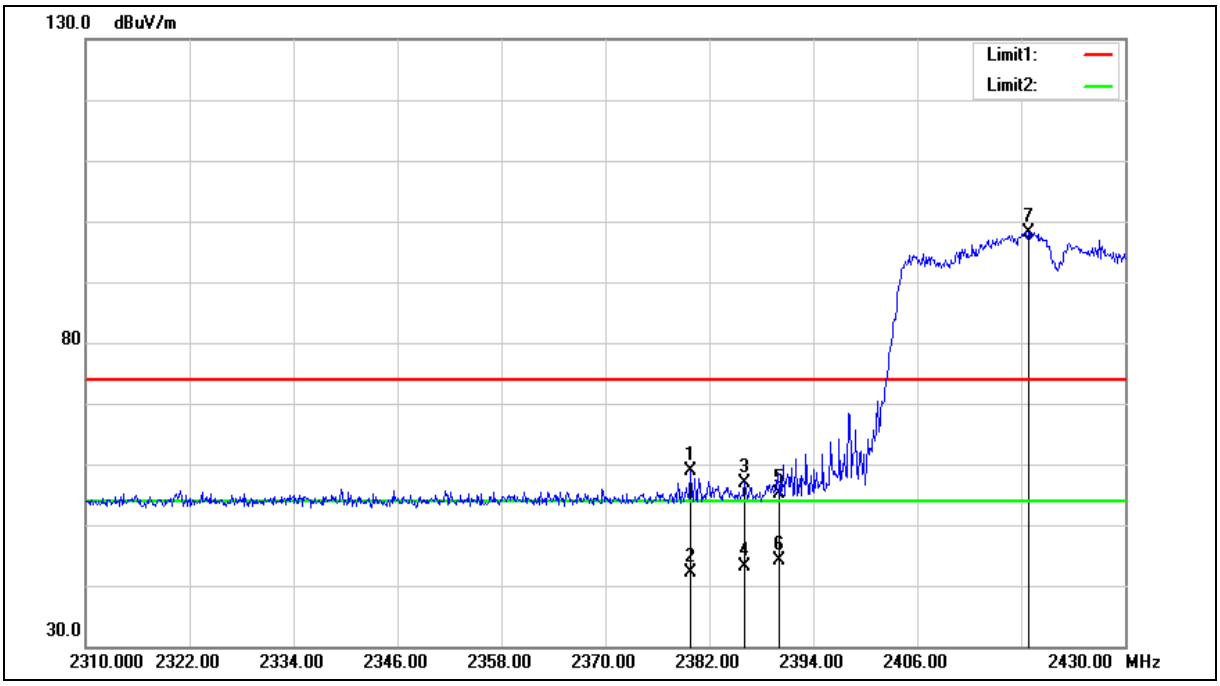
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.520	115.67	-0.79	114.88	---	---	peak
2	2483.500	66.60	-0.70	65.90	74.00	-8.10	peak
3	2483.500	52.33	-0.70	51.63	54.00	-2.37	AVG
4	2484.320	68.46	-0.70	67.76	74.00	-6.24	peak
5	2484.320	52.37	-0.70	51.67	54.00	-2.33	AVG
6	2485.680	67.92	-0.70	67.22	74.00	-6.78	peak
7	2485.680	51.80	-0.70	51.10	54.00	-2.90	AVG
8	2486.600	66.45	-0.69	65.76	74.00	-8.24	peak
9	2486.600	51.04	-0.69	50.35	54.00	-3.65	AVG
10	2488.120	64.44	-0.68	63.76	74.00	-10.24	peak
11	2488.120	49.85	-0.68	49.17	54.00	-4.83	AVG
12	2490.840	63.75	-0.67	63.08	74.00	-10.92	peak
13	2490.840	48.23	-0.67	47.56	54.00	-6.44	AVG
14	2492.680	63.45	-0.67	62.78	74.00	-11.22	peak
15	2492.680	47.54	-0.67	46.87	54.00	-7.13	AVG
16	2493.920	64.09	-0.67	63.42	74.00	-10.58	peak
17	2493.920	47.33	-0.67	46.66	54.00	-7.34	AVG
18	2496.320	64.11	-0.65	63.46	74.00	-10.54	peak
19	2496.320	47.27	-0.65	46.62	54.00	-7.38	AVG
20	2498.040	64.44	-0.65	63.79	74.00	-10.21	peak
21	2498.040	46.99	-0.65	46.34	54.00	-7.66	AVG
22	2499.920	62.98	-0.64	62.34	74.00	-11.66	peak
23	2499.920	47.17	-0.64	46.53	54.00	-7.47	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	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

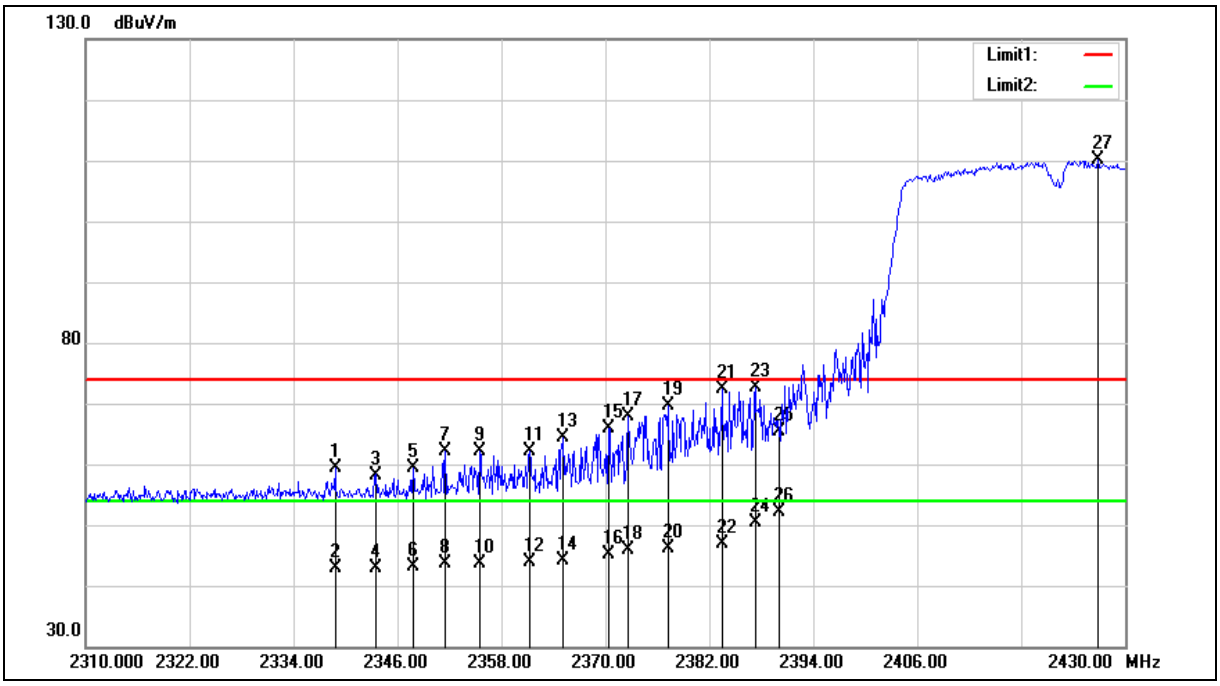
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2379.840	59.98	-1.08	58.90	74.00	-15.10	peak
2	2379.840	43.17	-1.08	42.09	54.00	-11.91	AVG
3	2386.080	58.07	-1.07	57.00	74.00	-17.00	peak
4	2386.080	44.21	-1.07	43.14	54.00	-10.86	AVG
5	2390.000	56.09	-1.05	55.04	74.00	-18.96	peak
6	2390.000	45.08	-1.05	44.03	54.00	-9.97	AVG
7	2418.840	99.17	-0.94	98.23	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/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	2338.800	60.51	-1.23	59.28	74.00	-14.72	peak
2	2338.800	44.07	-1.23	42.84	54.00	-11.16	AVG
3	2343.480	59.47	-1.22	58.25	74.00	-15.75	peak
4	2343.480	44.08	-1.22	42.86	54.00	-11.14	AVG
5	2347.800	60.65	-1.20	59.45	74.00	-14.55	peak
6	2347.800	44.35	-1.20	43.15	54.00	-10.85	AVG
7	2351.520	63.35	-1.19	62.16	74.00	-11.84	peak
8	2351.520	44.94	-1.19	43.75	54.00	-10.25	AVG
9	2355.480	63.41	-1.17	62.24	74.00	-11.76	peak
10	2355.480	44.76	-1.17	43.59	54.00	-10.41	AVG
11	2361.240	63.19	-1.15	62.04	74.00	-11.96	peak
12	2361.240	44.94	-1.15	43.79	54.00	-10.21	AVG
13	2365.080	65.48	-1.13	64.35	74.00	-9.65	peak
14	2365.080	45.32	-1.13	44.19	54.00	-9.81	AVG
15	2370.360	67.05	-1.12	65.93	74.00	-8.07	peak
16	2370.360	46.28	-1.12	45.16	54.00	-8.84	AVG
17	2372.640	69.03	-1.10	67.93	74.00	-6.07	peak
18	2372.640	46.90	-1.10	45.80	54.00	-8.20	AVG
19	2377.200	70.79	-1.10	69.69	74.00	-4.31	peak
20	2377.200	47.14	-1.10	46.04	54.00	-7.96	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	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

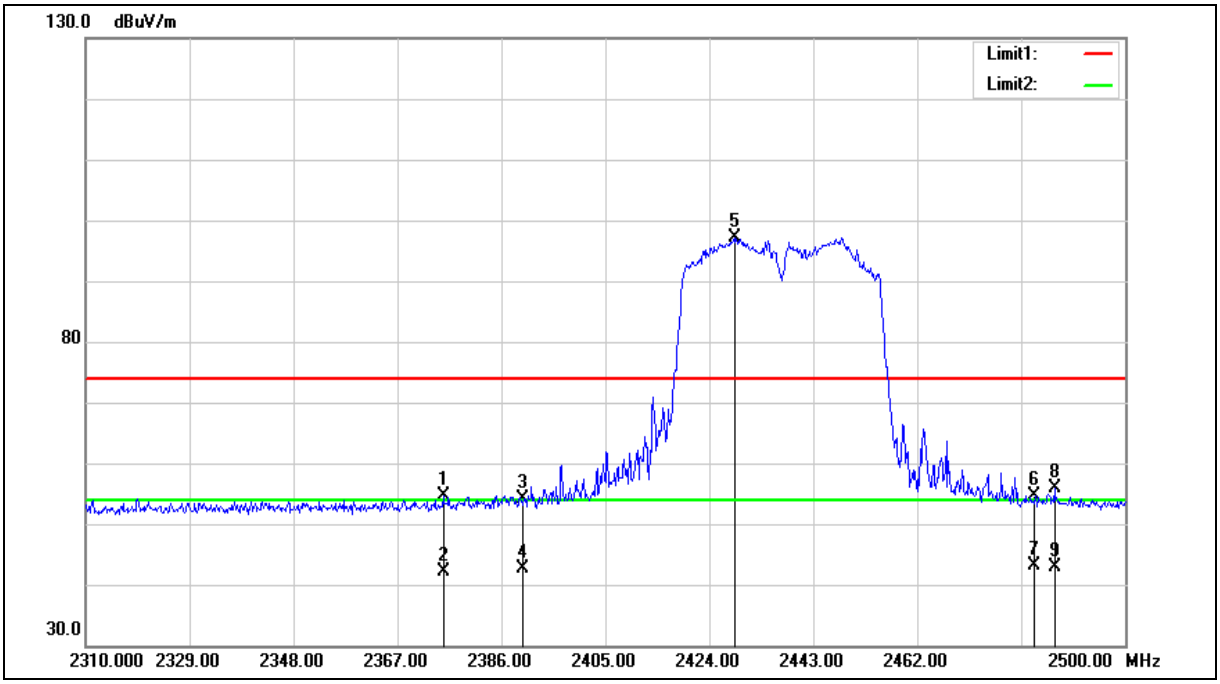
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2383.440	73.41	-1.07	72.34	74.00	-1.66	peak
22	2383.440	47.97	-1.07	46.90	54.00	-7.10	AVG
23	2387.280	73.66	-1.06	72.60	74.00	-1.40	peak
24	2387.280	51.46	-1.06	50.40	54.00	-3.60	AVG
25	2390.000	66.36	-1.05	65.31	74.00	-8.69	peak
26	2390.000	53.29	-1.05	52.24	54.00	-1.76	AVG
27	2426.880	111.08	-0.91	110.17	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

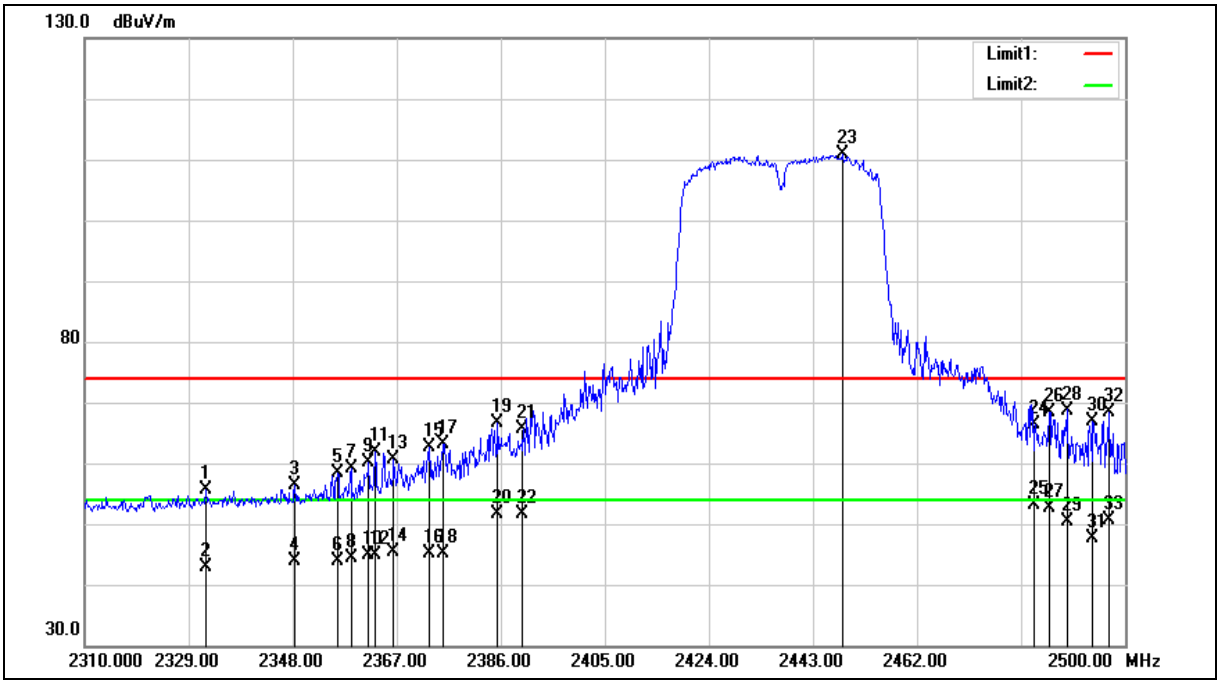
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2375.360	55.80	-1.10	54.70	74.00	-19.30	peak
2	2375.360	43.21	-1.10	42.11	54.00	-11.89	AVG
3	2390.000	55.25	-1.05	54.20	74.00	-19.80	peak
4	2390.000	43.65	-1.05	42.60	54.00	-11.40	AVG
5	2428.560	98.12	-0.91	97.21	---	---	peak
6	2483.500	55.28	-0.70	54.58	74.00	-19.42	peak
7	2483.500	43.93	-0.70	43.23	54.00	-10.77	AVG
8	2487.080	56.47	-0.69	55.78	74.00	-18.22	peak
9	2487.080	43.54	-0.69	42.85	54.00	-11.15	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/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	2332.040	56.84	-1.26	55.58	74.00	-18.42	peak
2	2332.040	44.18	-1.26	42.92	54.00	-11.08	AVG
3	2348.380	57.47	-1.19	56.28	74.00	-17.72	peak
4	2348.380	45.09	-1.19	43.90	54.00	-10.10	AVG
5	2356.170	59.62	-1.16	58.46	74.00	-15.54	peak
6	2356.170	45.07	-1.16	43.91	54.00	-10.09	AVG
7	2358.640	60.18	-1.16	59.02	74.00	-14.98	peak
8	2358.640	45.46	-1.16	44.30	54.00	-9.70	AVG
9	2361.870	61.32	-1.15	60.17	74.00	-13.83	peak
10	2361.870	45.95	-1.15	44.80	54.00	-9.20	AVG
11	2363.010	62.93	-1.14	61.79	74.00	-12.21	peak
12	2363.010	46.12	-1.14	44.98	54.00	-9.02	AVG
13	2366.430	61.84	-1.13	60.71	74.00	-13.29	peak
14	2366.430	46.50	-1.13	45.37	54.00	-8.63	AVG
15	2372.890	63.76	-1.10	62.66	74.00	-11.34	peak
16	2372.890	46.29	-1.10	45.19	54.00	-8.81	AVG
17	2375.550	64.33	-1.10	63.23	74.00	-10.77	peak
18	2375.550	46.33	-1.10	45.23	54.00	-8.77	AVG
19	2385.430	67.73	-1.07	66.66	74.00	-7.34	peak
20	2385.430	52.68	-1.07	51.61	54.00	-2.39	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

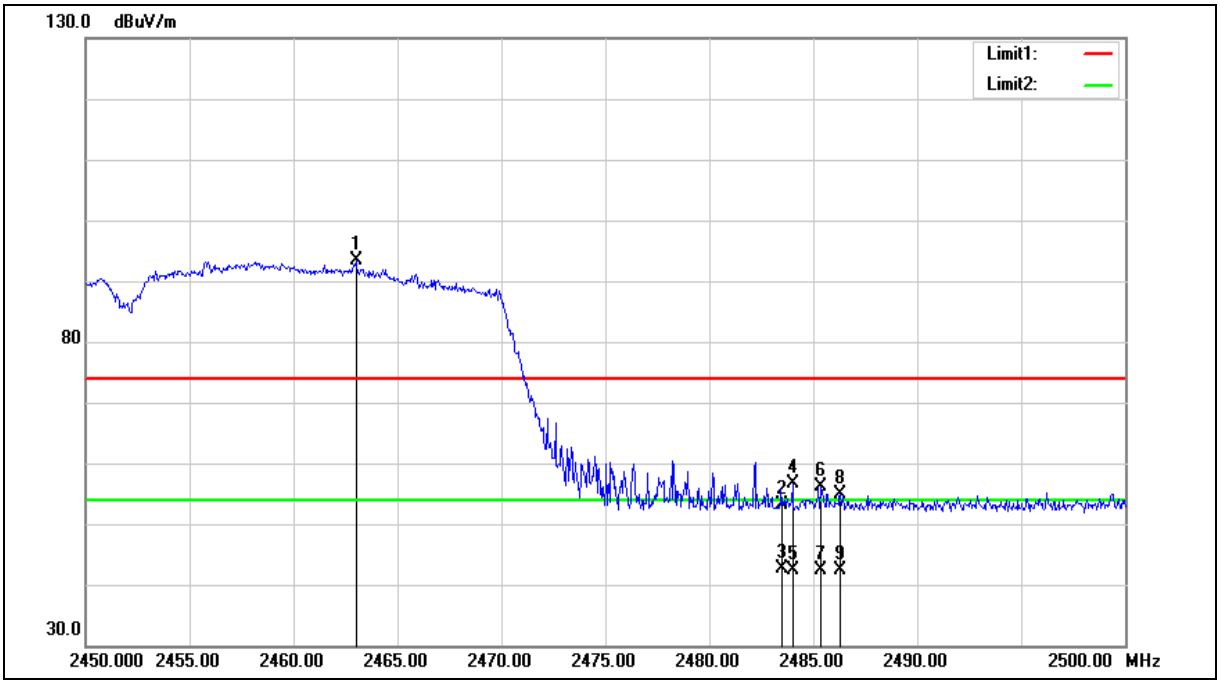
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2390.000	66.58	-1.05	65.53	74.00	-8.47	peak
22	2390.000	52.58	-1.05	51.53	54.00	-2.47	AVG
23	2448.320	111.63	-0.82	110.81	---	---	peak
24	2483.500	67.11	-0.70	66.41	74.00	-7.59	peak
25	2483.500	53.84	-0.70	53.14	54.00	-0.86	AVG
26	2486.130	68.99	-0.70	68.29	74.00	-5.71	peak
27	2486.130	53.38	-0.70	52.68	54.00	-1.32	AVG
28	2489.360	69.43	-0.68	68.75	74.00	-5.25	peak
29	2489.360	51.12	-0.68	50.44	54.00	-3.56	AVG
30	2494.110	67.49	-0.67	66.82	74.00	-7.18	peak
31	2494.110	48.37	-0.67	47.70	54.00	-6.30	AVG
32	2496.960	69.15	-0.65	68.50	74.00	-5.50	peak
33	2496.960	51.21	-0.65	50.56	54.00	-3.44	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	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

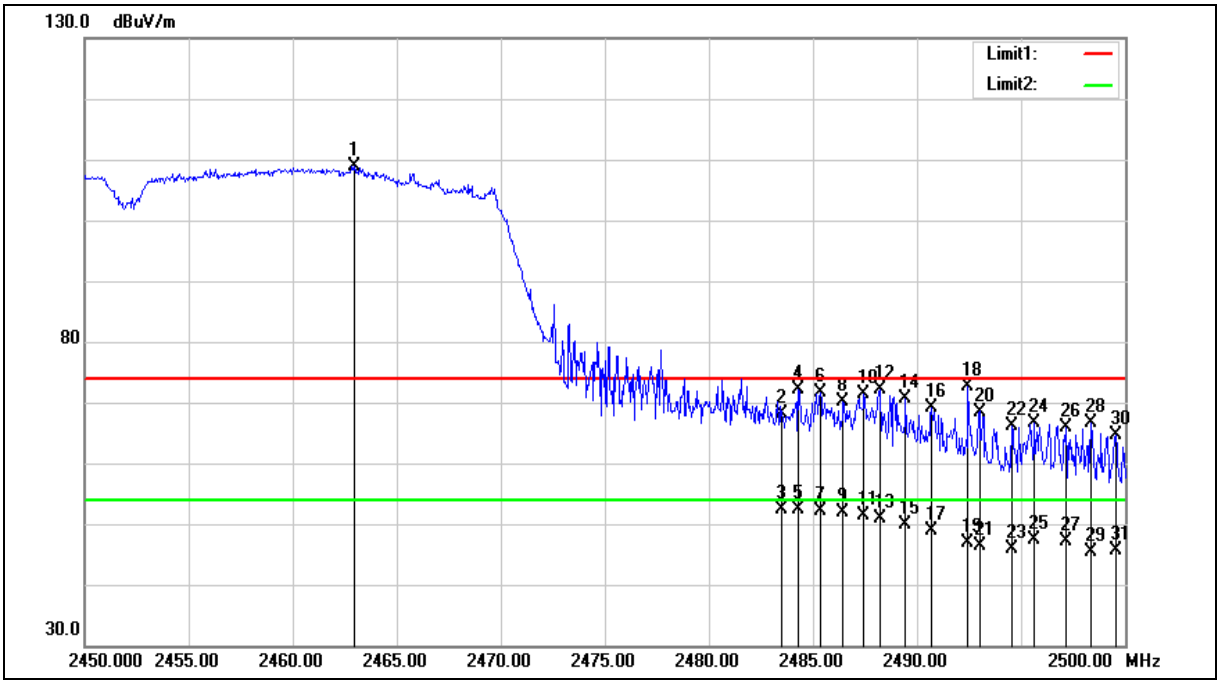
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.000	94.16	-0.78	93.38	---	---	peak
2	2483.500	53.84	-0.70	53.14	74.00	-20.86	peak
3	2483.500	43.35	-0.70	42.65	54.00	-11.35	AVG
4	2484.000	57.36	-0.70	56.66	74.00	-17.34	peak
5	2484.000	43.03	-0.70	42.33	54.00	-11.67	AVG
6	2485.350	56.95	-0.70	56.25	74.00	-17.75	peak
7	2485.350	43.07	-0.70	42.37	54.00	-11.63	AVG
8	2486.300	55.50	-0.70	54.80	74.00	-19.20	peak
9	2486.300	43.07	-0.70	42.37	54.00	-11.63	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, so not need to evaluate the average.

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/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	2462.950	109.60	-0.78	108.82	---	---	peak
2	2483.500	68.88	-0.70	68.18	74.00	-5.82	peak
3	2483.500	53.08	-0.70	52.38	54.00	-1.62	AVG
4	2484.300	72.82	-0.70	72.12	74.00	-1.88	peak
5	2484.300	53.15	-0.70	52.45	54.00	-1.55	AVG
6	2485.350	72.31	-0.70	71.61	74.00	-2.39	peak
7	2485.350	52.86	-0.70	52.16	54.00	-1.84	AVG
8	2486.450	70.73	-0.70	70.03	74.00	-3.97	peak
9	2486.450	52.58	-0.70	51.88	54.00	-2.12	AVG
10	2487.450	72.16	-0.69	71.47	74.00	-2.53	peak
11	2487.450	52.13	-0.69	51.44	54.00	-2.56	AVG
12	2488.200	72.91	-0.68	72.23	74.00	-1.77	peak
13	2488.200	51.67	-0.68	50.99	54.00	-3.01	AVG
14	2489.450	71.24	-0.68	70.56	74.00	-3.44	peak
15	2489.450	50.45	-0.68	49.77	54.00	-4.23	AVG
16	2490.700	69.81	-0.67	69.14	74.00	-4.86	peak
17	2490.700	49.57	-0.67	48.90	54.00	-5.10	AVG
18	2492.450	73.28	-0.67	72.61	74.00	-1.39	peak
19	2492.450	47.64	-0.67	46.97	54.00	-7.03	AVG
20	2493.000	69.17	-0.67	68.50	74.00	-5.50	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/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
21	2493.000	47.07	-0.67	46.40	54.00	-7.60	AVG
22	2494.550	66.74	-0.66	66.08	74.00	-7.92	peak
23	2494.550	46.63	-0.66	45.97	54.00	-8.03	AVG
24	2495.650	67.29	-0.66	66.63	74.00	-7.37	peak
25	2495.650	47.99	-0.66	47.33	54.00	-6.67	AVG
26	2497.150	66.44	-0.65	65.79	74.00	-8.21	peak
27	2497.150	47.72	-0.65	47.07	54.00	-6.93	AVG
28	2498.350	67.26	-0.64	66.62	74.00	-7.38	peak
29	2498.350	45.92	-0.64	45.28	54.00	-8.72	AVG
30	2499.550	65.19	-0.64	64.55	74.00	-9.45	peak
31	2499.550	46.19	-0.64	45.55	54.00	-8.45	AVG

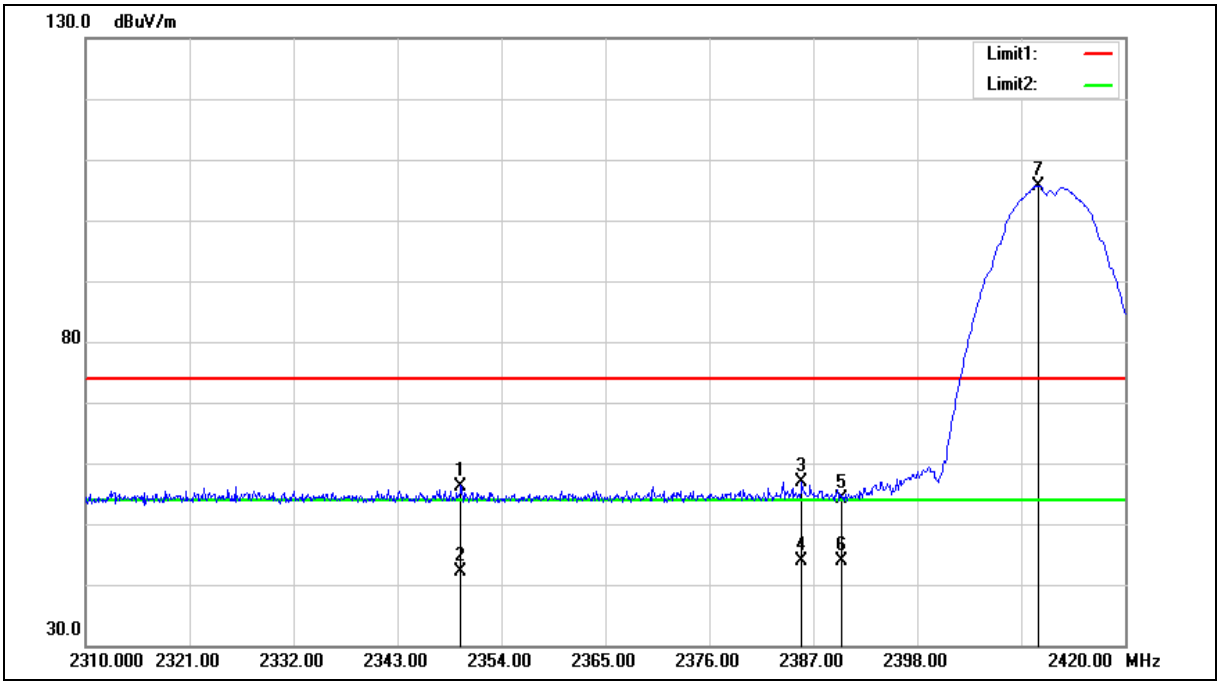
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Plastic shell : Matrix 2X

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

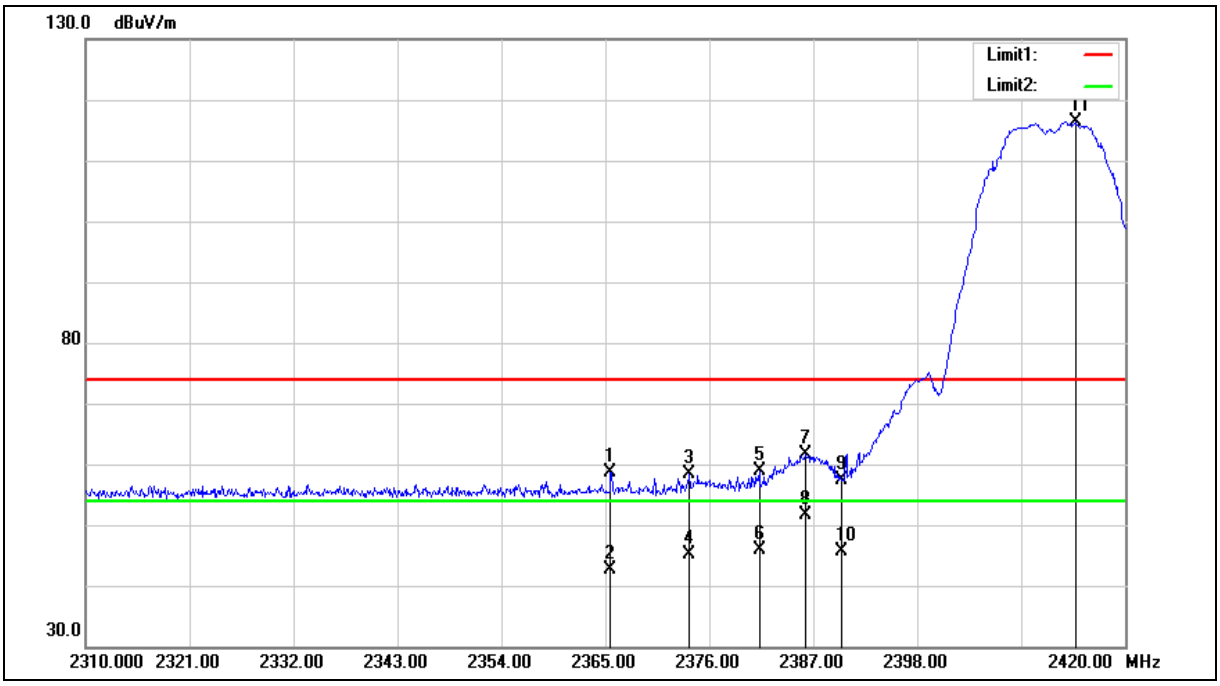
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2349.710	57.44	-1.19	56.25	74.00	-17.75	peak
2	2349.710	43.32	-1.19	42.13	54.00	-11.87	AVG
3	2385.790	58.03	-1.07	56.96	74.00	-17.04	peak
4	2385.790	44.97	-1.07	43.90	54.00	-10.10	AVG
5	2390.000	55.23	-1.05	54.18	74.00	-19.82	peak
6	2390.000	45.00	-1.05	43.95	54.00	-10.05	AVG
7	2410.870	106.71	-0.97	105.74	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

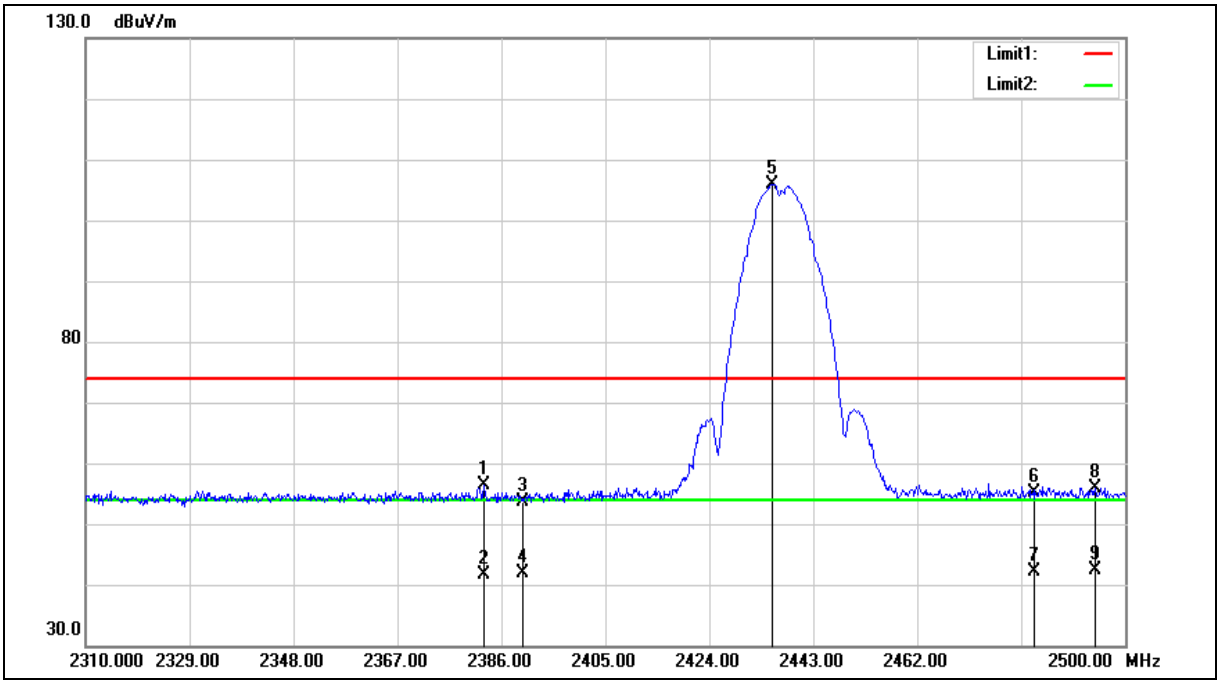
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2365.550	59.81	-1.13	58.68	74.00	-15.32	peak
2	2365.550	43.76	-1.13	42.63	54.00	-11.37	AVG
3	2373.910	59.59	-1.10	58.49	74.00	-15.51	peak
4	2373.910	46.31	-1.10	45.21	54.00	-8.79	AVG
5	2381.280	59.93	-1.08	58.85	74.00	-15.15	peak
6	2381.280	46.89	-1.08	45.81	54.00	-8.19	AVG
7	2386.120	62.72	-1.07	61.65	74.00	-12.35	peak
8	2386.120	52.69	-1.07	51.62	54.00	-2.38	AVG
9	2390.000	58.49	-1.05	57.44	74.00	-16.56	peak
10	2390.000	46.59	-1.05	45.54	54.00	-8.46	AVG
11	2414.830	117.23	-0.95	116.28	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

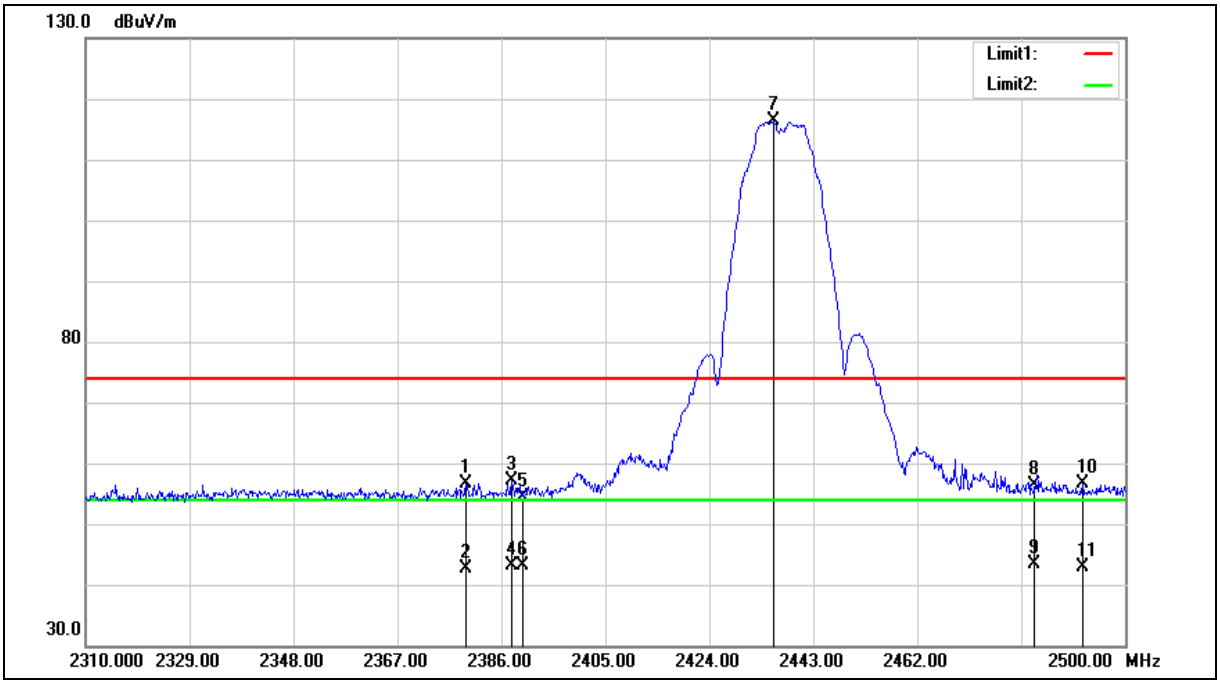
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.770	57.34	-1.07	56.27	74.00	-17.73	peak
2	2382.770	42.81	-1.07	41.74	54.00	-12.26	AVG
3	2390.000	54.80	-1.05	53.75	74.00	-20.25	peak
4	2390.000	42.91	-1.05	41.86	54.00	-12.14	AVG
5	2435.590	106.81	-0.88	105.93	---	---	peak
6	2483.500	55.86	-0.70	55.16	74.00	-18.84	peak
7	2483.500	42.93	-0.70	42.23	54.00	-11.77	AVG
8	2494.490	56.57	-0.66	55.91	74.00	-18.09	peak
9	2494.490	42.93	-0.66	42.27	54.00	-11.73	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

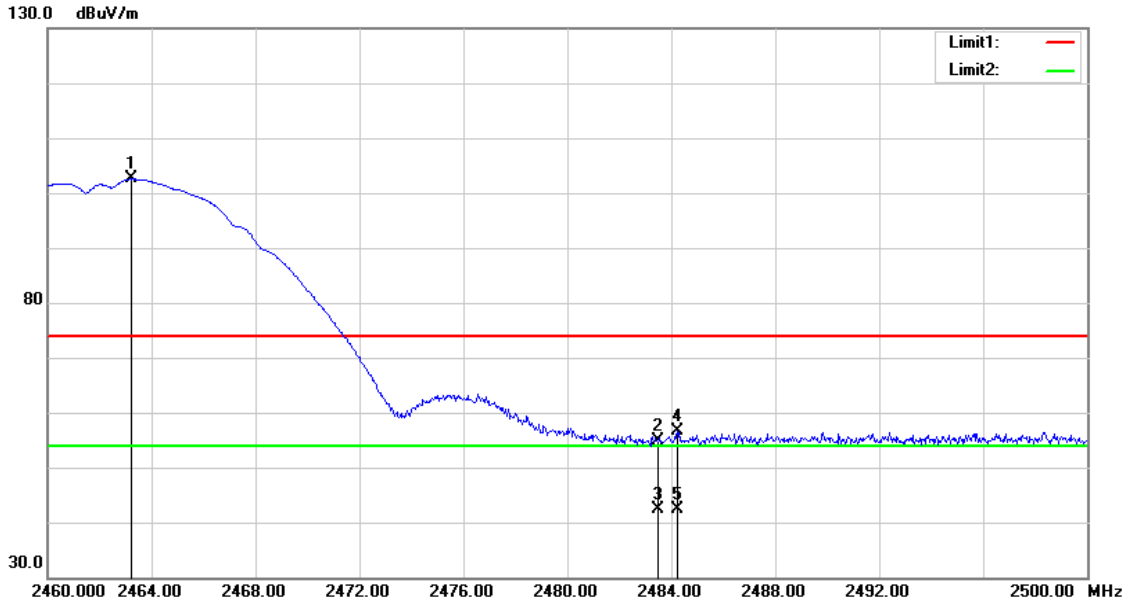
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2379.540	57.72	-1.08	56.64	74.00	-17.36	peak
2	2379.540	43.62	-1.08	42.54	54.00	-11.46	AVG
3	2387.900	58.06	-1.05	57.01	74.00	-16.99	peak
4	2387.900	44.14	-1.05	43.09	54.00	-10.91	AVG
5	2390.000	55.53	-1.05	54.48	74.00	-19.52	peak
6	2390.000	44.21	-1.05	43.16	54.00	-10.84	AVG
7	2435.780	117.17	-0.88	116.29	---	---	peak
8	2483.500	56.97	-0.70	56.27	74.00	-17.73	peak
9	2483.500	44.05	-0.70	43.35	54.00	-10.65	AVG
10	2492.210	57.35	-0.67	56.68	74.00	-17.32	peak
11	2492.210	43.62	-0.67	42.95	54.00	-11.05	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



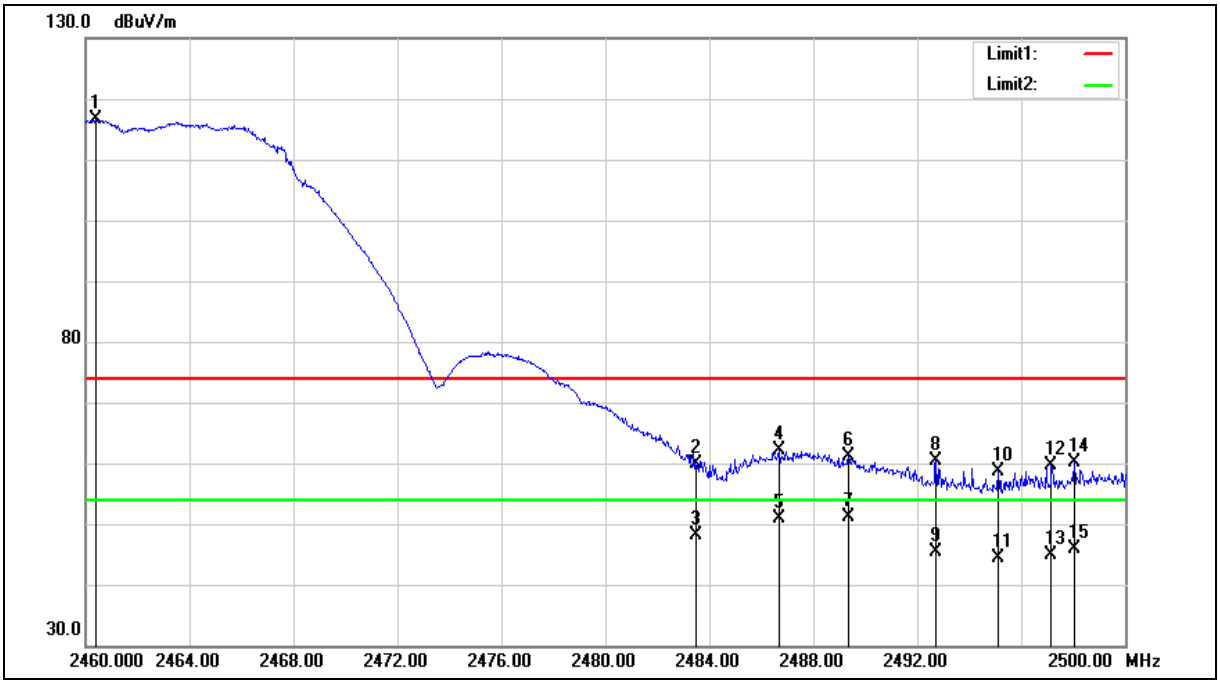
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.240	103.33	-0.78	102.55	---	---	peak
2	2483.500	55.56	-0.70	54.86	74.00	-19.14	peak
3	2483.500	43.00	-0.70	42.30	54.00	-11.70	AVG
4	2484.240	57.31	-0.70	56.61	74.00	-17.39	peak
5	2484.240	43.00	-0.70	42.30	54.00	-11.70	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

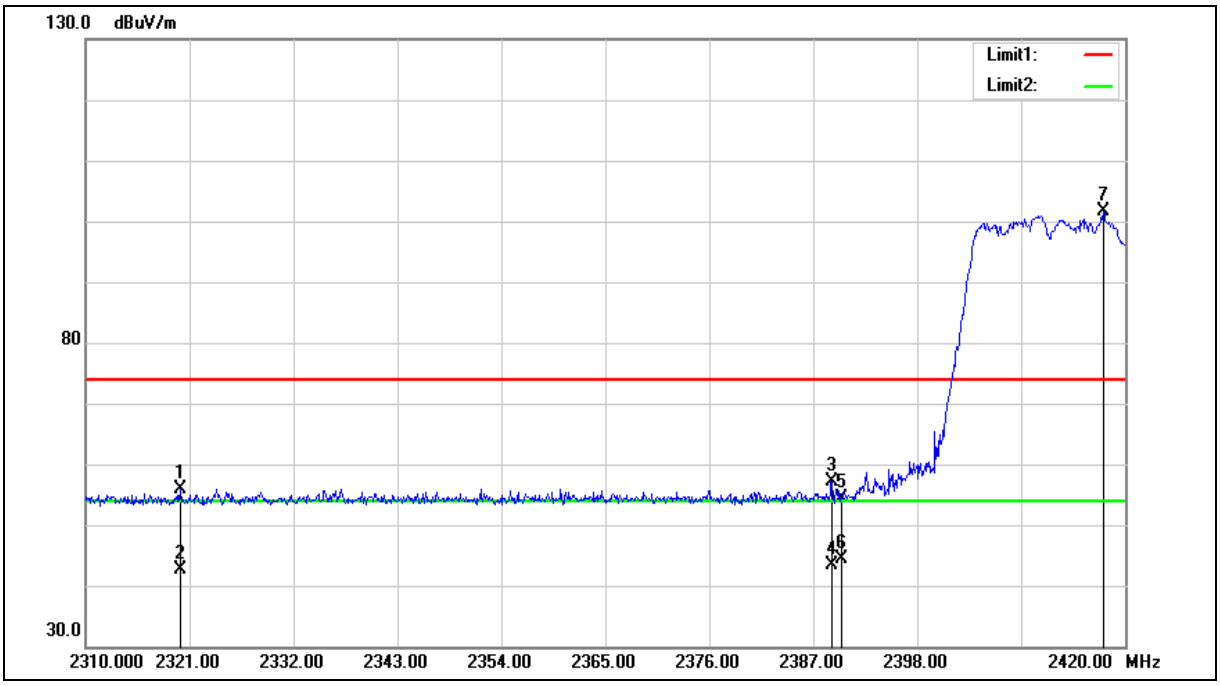
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.400	117.42	-0.79	116.63	---	---	peak
2	2483.500	60.49	-0.70	59.79	74.00	-14.21	peak
3	2483.500	48.78	-0.70	48.08	54.00	-5.92	AVG
4	2486.680	62.77	-0.69	62.08	74.00	-11.92	peak
5	2486.680	51.55	-0.69	50.86	54.00	-3.14	AVG
6	2489.360	61.73	-0.68	61.05	74.00	-12.95	peak
7	2489.360	51.92	-0.68	51.24	54.00	-2.76	AVG
8	2492.720	61.10	-0.67	60.43	74.00	-13.57	peak
9	2492.720	46.05	-0.67	45.38	54.00	-8.62	AVG
10	2495.120	59.19	-0.66	58.53	74.00	-15.47	peak
11	2495.120	45.01	-0.66	44.35	54.00	-9.65	AVG
12	2497.160	60.17	-0.65	59.52	74.00	-14.48	peak
13	2497.160	45.57	-0.65	44.92	54.00	-9.08	AVG
14	2498.040	60.76	-0.65	60.11	74.00	-13.89	peak
15	2498.040	46.49	-0.65	45.84	54.00	-8.16	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	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

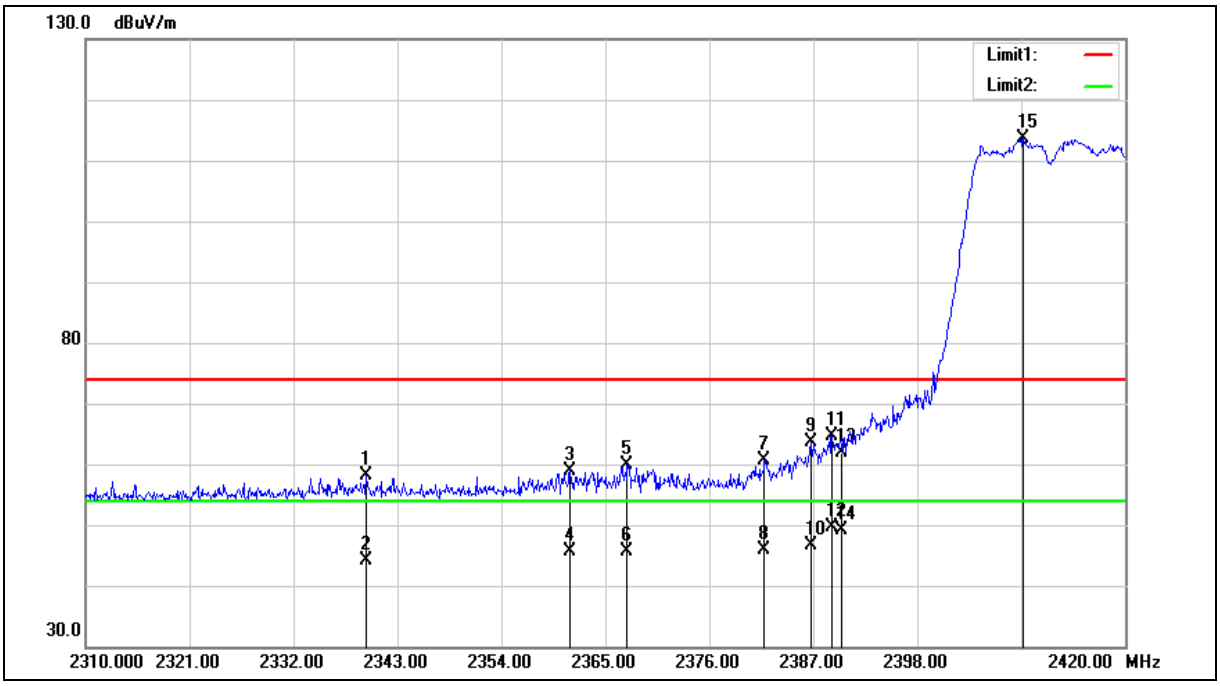
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2320.010	57.28	-1.31	55.97	74.00	-18.03	peak
2	2320.010	43.93	-1.31	42.62	54.00	-11.38	AVG
3	2388.980	58.10	-1.05	57.05	74.00	-16.95	peak
4	2388.980	44.40	-1.05	43.35	54.00	-10.65	AVG
5	2390.000	55.49	-1.05	54.44	74.00	-19.56	peak
6	2390.000	45.36	-1.05	44.31	54.00	-9.69	AVG
7	2417.690	102.48	-0.94	101.54	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

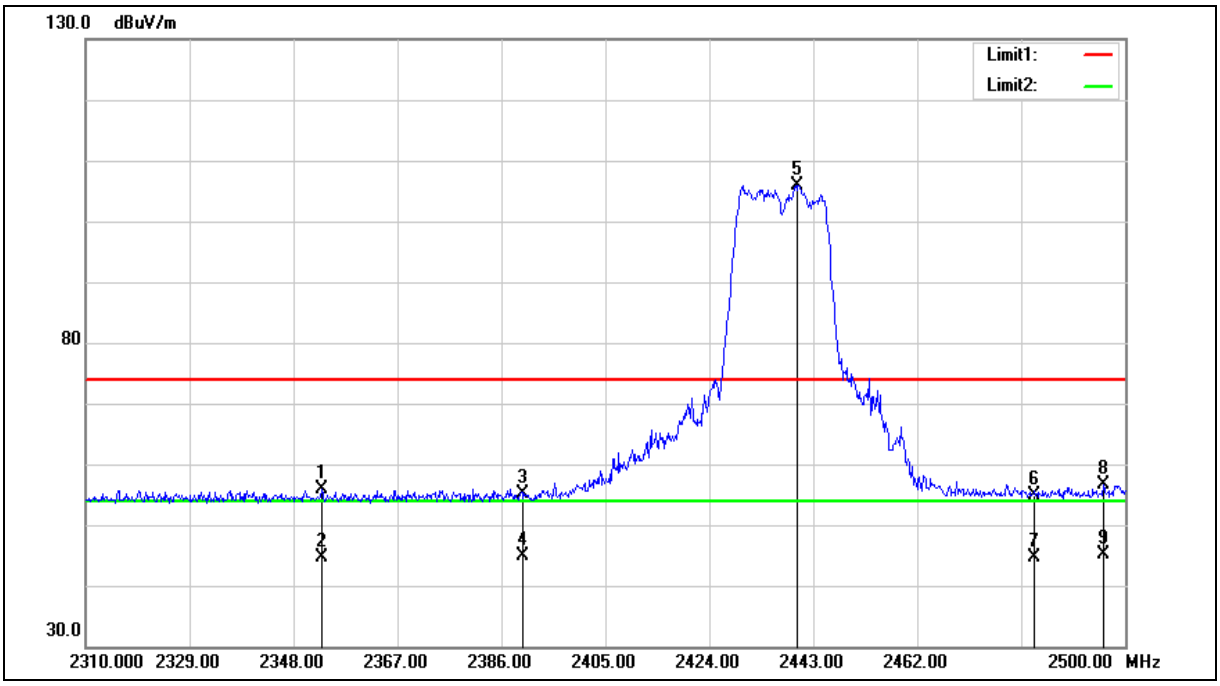
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2339.700	59.42	-1.23	58.19	74.00	-15.81	peak
2	2339.700	45.26	-1.23	44.03	54.00	-9.97	AVG
3	2361.260	60.15	-1.15	59.00	74.00	-15.00	peak
4	2361.260	46.70	-1.15	45.55	54.00	-8.45	AVG
5	2367.310	61.10	-1.12	59.98	74.00	-14.02	peak
6	2367.310	46.83	-1.12	45.71	54.00	-8.29	AVG
7	2381.830	61.66	-1.08	60.58	74.00	-13.42	peak
8	2381.830	46.93	-1.08	45.85	54.00	-8.15	AVG
9	2386.780	64.70	-1.06	63.64	74.00	-10.36	peak
10	2386.780	47.64	-1.06	46.58	54.00	-7.42	AVG
11	2388.980	65.78	-1.05	64.73	74.00	-9.27	peak
12	2388.980	50.57	-1.05	49.52	54.00	-4.48	AVG
13	2390.000	62.81	-1.05	61.76	74.00	-12.24	peak
14	2390.000	50.25	-1.05	49.20	54.00	-4.80	AVG
15	2409.220	114.71	-0.98	113.73	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

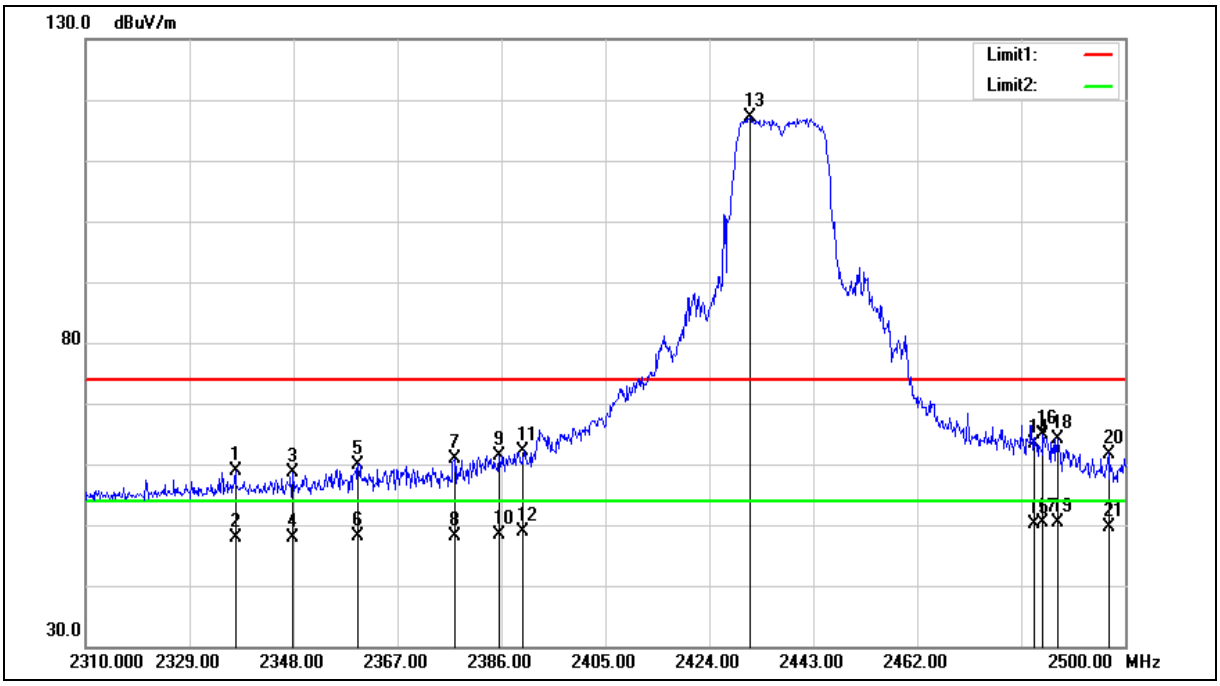
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2353.130	56.96	-1.18	55.78	74.00	-18.22	peak
2	2353.130	45.89	-1.18	44.71	54.00	-9.29	AVG
3	2390.000	56.25	-1.05	55.20	74.00	-18.80	peak
4	2390.000	45.90	-1.05	44.85	54.00	-9.15	AVG
5	2440.150	106.79	-0.86	105.93	---	---	peak
6	2483.500	55.60	-0.70	54.90	74.00	-19.10	peak
7	2483.500	45.30	-0.70	44.60	54.00	-9.40	AVG
8	2496.010	57.31	-0.65	56.66	74.00	-17.34	peak
9	2496.010	45.78	-0.65	45.13	54.00	-8.87	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

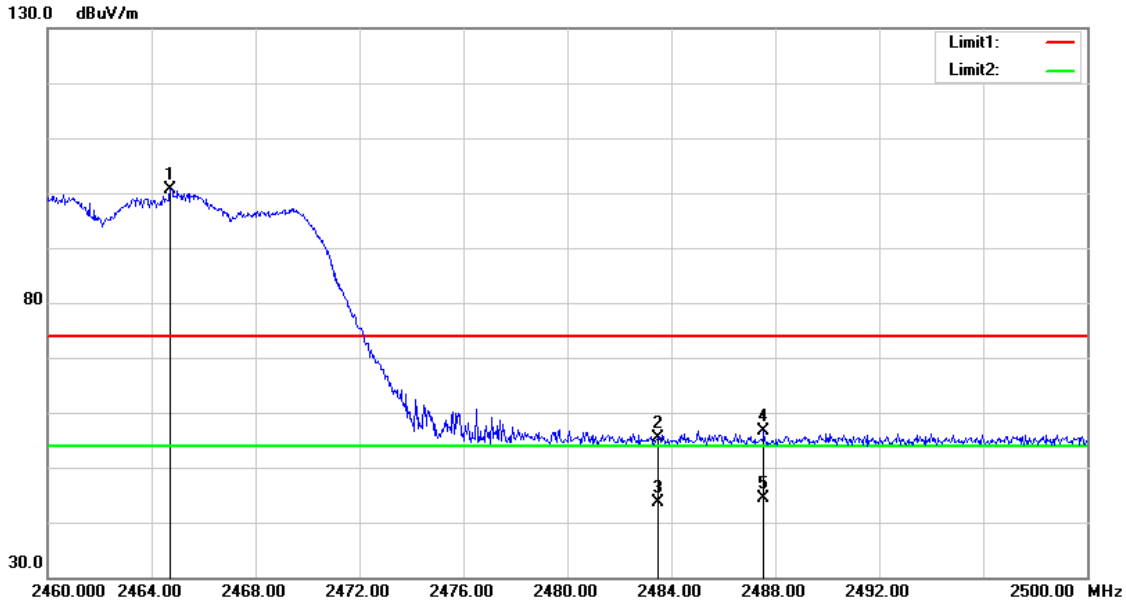
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2337.360	60.19	-1.24	58.95	74.00	-15.05	peak
2	2337.360	49.16	-1.24	47.92	54.00	-6.08	AVG
3	2347.810	59.89	-1.20	58.69	74.00	-15.31	peak
4	2347.810	49.08	-1.20	47.88	54.00	-6.12	AVG
5	2359.780	61.15	-1.15	60.00	74.00	-14.00	peak
6	2359.780	49.23	-1.15	48.08	54.00	-5.92	AVG
7	2377.450	61.96	-1.10	60.86	74.00	-13.14	peak
8	2377.450	49.27	-1.10	48.17	54.00	-5.83	AVG
9	2385.620	62.54	-1.07	61.47	74.00	-12.53	peak
10	2385.620	49.42	-1.07	48.35	54.00	-5.65	AVG
11	2390.000	63.22	-1.05	62.17	74.00	-11.83	peak
12	2390.000	49.97	-1.05	48.92	54.00	-5.08	AVG
13	2431.410	117.93	-0.89	117.04	---	---	peak
14	2483.500	64.02	-0.70	63.32	74.00	-10.68	peak
15	2483.500	50.85	-0.70	50.15	54.00	-3.85	AVG
16	2484.990	65.47	-0.70	64.77	74.00	-9.23	peak
17	2484.990	51.12	-0.70	50.42	54.00	-3.58	AVG
18	2487.650	64.83	-0.68	64.15	74.00	-9.85	peak
19	2487.650	50.99	-0.68	50.31	54.00	-3.69	AVG
20	2496.960	62.40	-0.65	61.75	74.00	-12.25	peak
21	2496.960	50.39	-0.65	49.74	54.00	-4.26	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



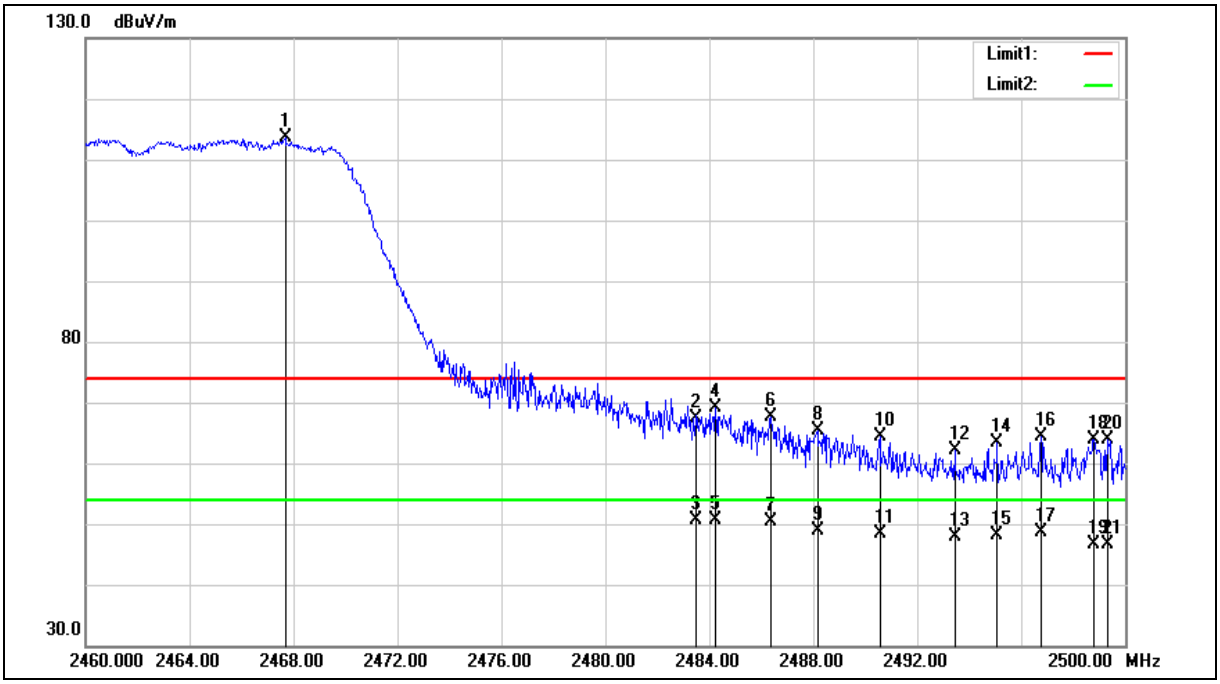
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.720	101.43	-0.77	100.66	---	---	peak
2	2483.500	56.04	-0.70	55.34	74.00	-18.66	peak
3	2483.500	44.38	-0.70	43.68	54.00	-10.32	AVG
4	2487.560	57.23	-0.68	56.55	74.00	-17.45	peak
5	2487.560	45.03	-0.68	44.35	54.00	-9.65	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

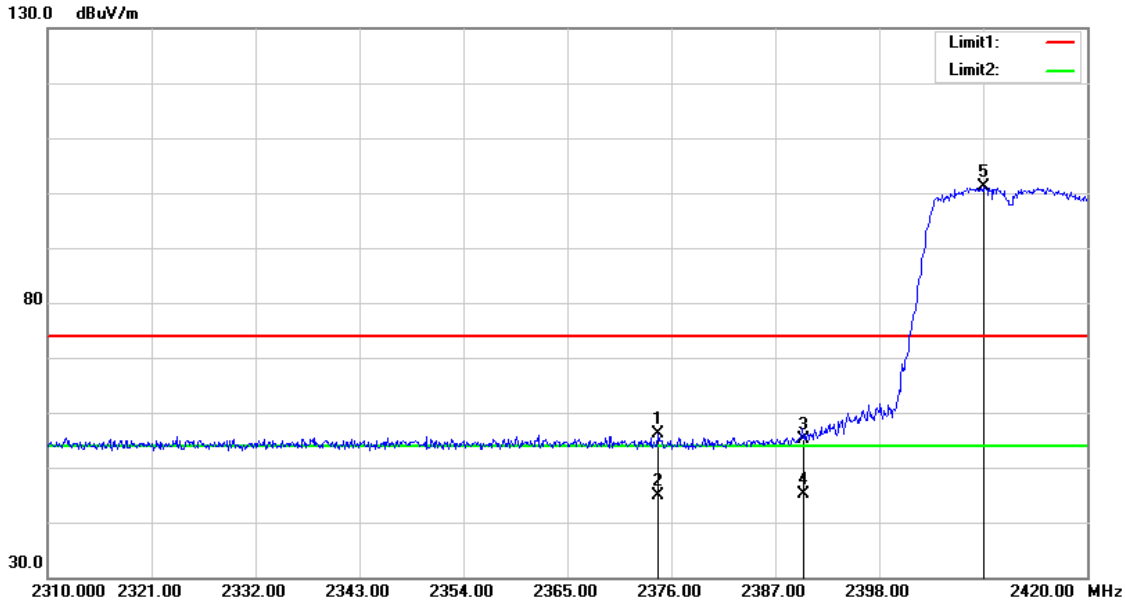
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2467.680	114.30	-0.76	113.54	---	---	peak
2	2483.500	68.00	-0.70	67.30	74.00	-6.70	peak
3	2483.500	51.44	-0.70	50.74	54.00	-3.26	AVG
4	2484.240	69.85	-0.70	69.15	74.00	-4.85	peak
5	2484.240	51.34	-0.70	50.64	54.00	-3.36	AVG
6	2486.360	68.22	-0.70	67.52	74.00	-6.48	peak
7	2486.360	50.96	-0.70	50.26	54.00	-3.74	AVG
8	2488.160	66.13	-0.68	65.45	74.00	-8.55	peak
9	2488.160	49.63	-0.68	48.95	54.00	-5.05	AVG
10	2490.560	65.01	-0.67	64.34	74.00	-9.66	peak
11	2490.560	49.11	-0.67	48.44	54.00	-5.56	AVG
12	2493.440	62.88	-0.67	62.21	74.00	-11.79	peak
13	2493.440	48.56	-0.67	47.89	54.00	-6.11	AVG
14	2495.080	64.11	-0.66	63.45	74.00	-10.55	peak
15	2495.080	48.85	-0.66	48.19	54.00	-5.81	AVG
16	2496.760	65.14	-0.65	64.49	74.00	-9.51	peak
17	2496.760	49.34	-0.65	48.69	54.00	-5.31	AVG
18	2498.800	64.52	-0.64	63.88	74.00	-10.12	peak
19	2498.800	47.36	-0.64	46.72	54.00	-7.28	AVG
20	2499.320	64.49	-0.64	63.85	74.00	-10.15	peak
21	2499.320	47.31	-0.64	46.67	54.00	-7.33	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	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



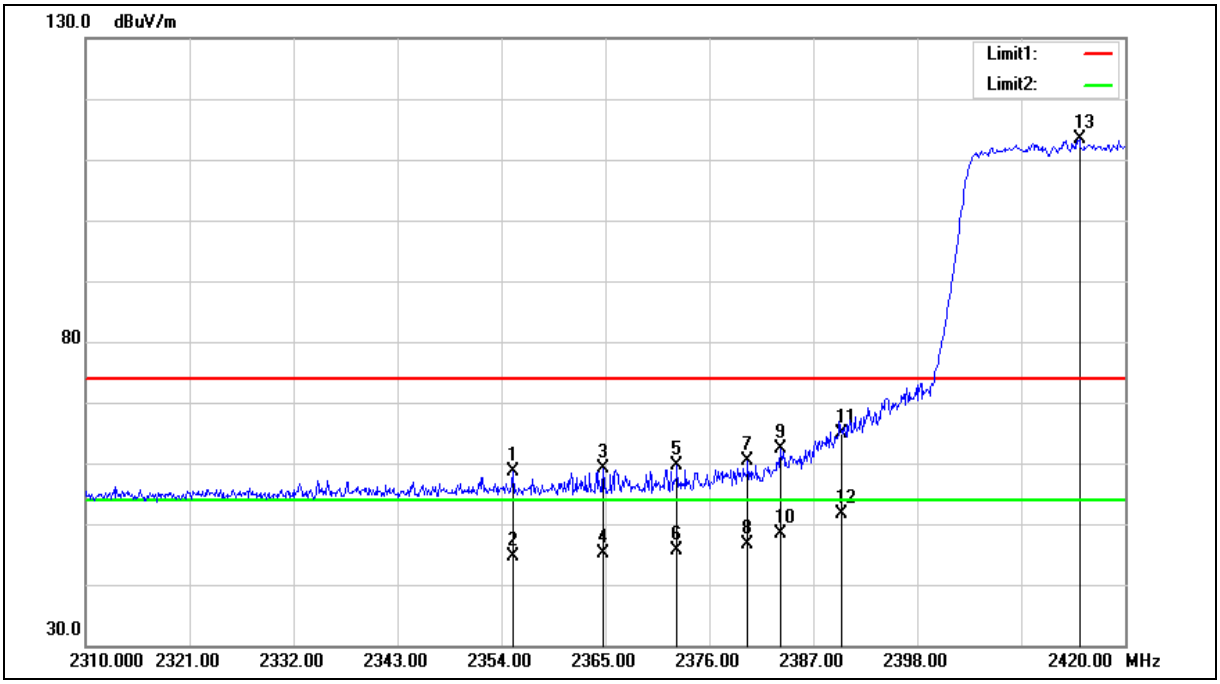
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2374.570	57.32	-1.10	56.22	74.00	-17.78	peak
2	2374.570	45.86	-1.10	44.76	54.00	-9.24	AVG
3	2390.000	56.12	-1.05	55.07	74.00	-18.93	peak
4	2390.000	46.06	-1.05	45.01	54.00	-8.99	AVG
5	2409.000	102.10	-0.98	101.12	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

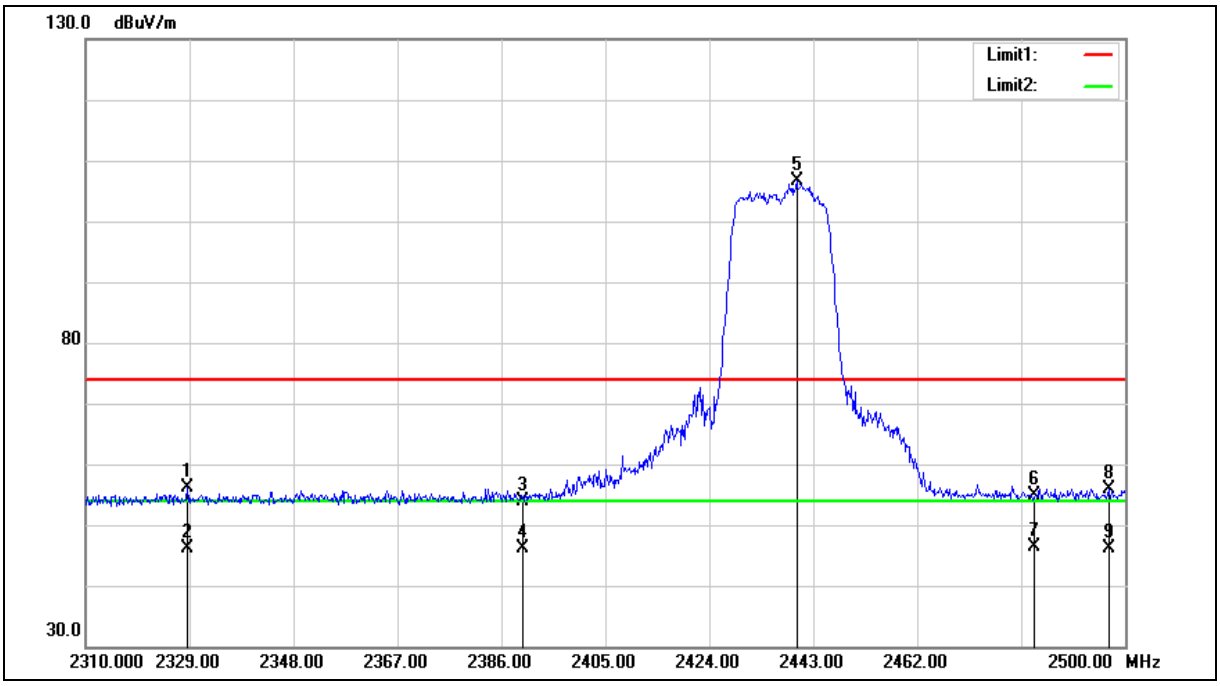
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2355.210	59.84	-1.17	58.67	74.00	-15.33	peak
2	2355.210	45.82	-1.17	44.65	54.00	-9.35	AVG
3	2364.780	60.29	-1.13	59.16	74.00	-14.84	peak
4	2364.780	46.38	-1.13	45.25	54.00	-8.75	AVG
5	2372.590	60.79	-1.10	59.69	74.00	-14.31	peak
6	2372.590	46.70	-1.10	45.60	54.00	-8.40	AVG
7	2380.070	61.41	-1.08	60.33	74.00	-13.67	peak
8	2380.070	47.80	-1.08	46.72	54.00	-7.28	AVG
9	2383.480	63.57	-1.07	62.50	74.00	-11.50	peak
10	2383.480	49.43	-1.07	48.36	54.00	-5.64	AVG
11	2390.000	65.87	-1.05	64.82	74.00	-9.18	peak
12	2390.000	52.58	-1.05	51.53	54.00	-2.47	AVG
13	2415.160	114.21	-0.95	113.26	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

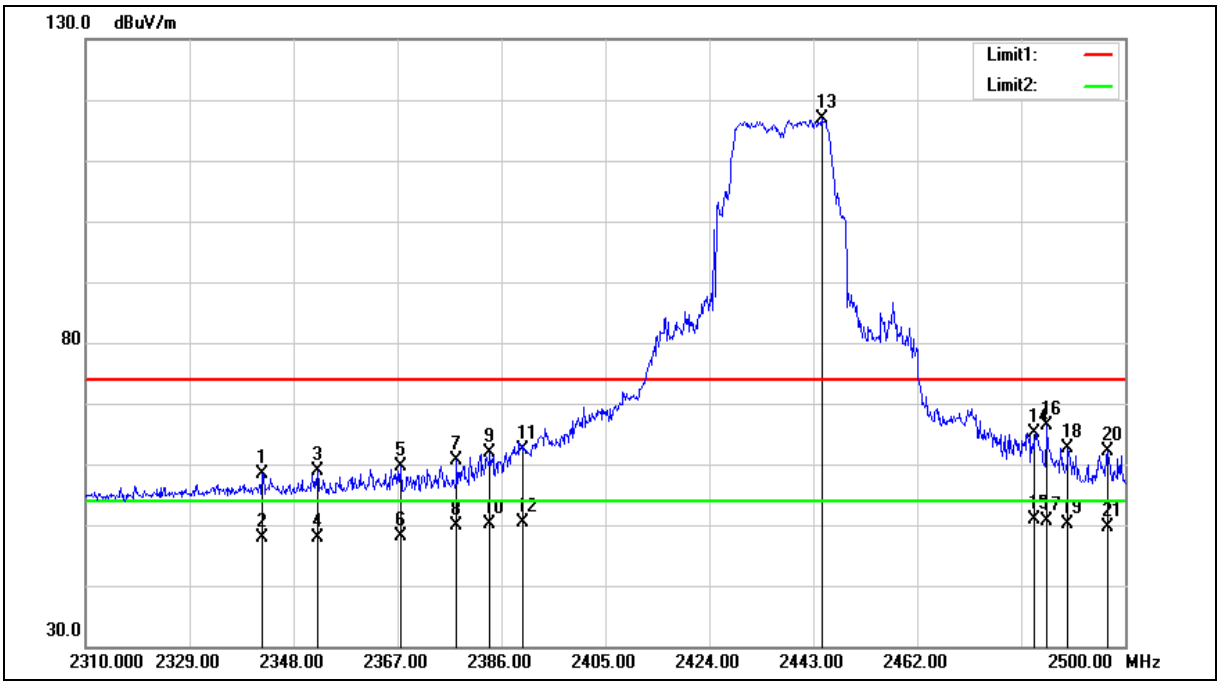
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2328.620	57.32	-1.28	56.04	74.00	-17.96	peak
2	2328.620	47.53	-1.28	46.25	54.00	-7.75	AVG
3	2390.000	54.90	-1.05	53.85	74.00	-20.15	peak
4	2390.000	47.12	-1.05	46.07	54.00	-7.93	AVG
5	2439.960	107.53	-0.86	106.67	---	---	peak
6	2483.500	55.54	-0.70	54.84	74.00	-19.16	peak
7	2483.500	47.08	-0.70	46.38	54.00	-7.62	AVG
8	2496.960	56.55	-0.65	55.90	74.00	-18.10	peak
9	2496.960	46.80	-0.65	46.15	54.00	-7.85	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

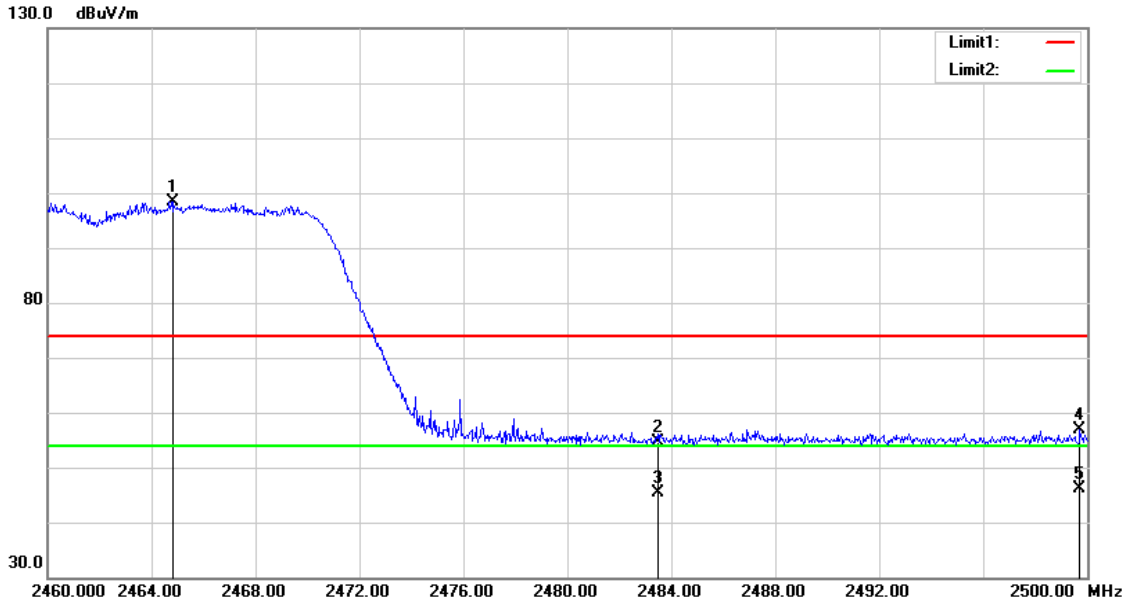
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2342.300	59.53	-1.22	58.31	74.00	-15.69	peak
2	2342.300	49.12	-1.22	47.90	54.00	-6.10	AVG
3	2352.370	60.02	-1.18	58.84	74.00	-15.16	peak
4	2352.370	49.04	-1.18	47.86	54.00	-6.14	AVG
5	2367.570	60.73	-1.12	59.61	74.00	-14.39	peak
6	2367.570	49.27	-1.12	48.15	54.00	-5.85	AVG
7	2377.830	61.79	-1.10	60.69	74.00	-13.31	peak
8	2377.830	51.09	-1.10	49.99	54.00	-4.01	AVG
9	2383.910	62.86	-1.07	61.79	74.00	-12.21	peak
10	2383.910	51.22	-1.07	50.15	54.00	-3.85	AVG
11	2390.000	63.44	-1.05	62.39	74.00	-11.61	peak
12	2390.000	51.35	-1.05	50.30	54.00	-3.70	AVG
13	2444.520	117.78	-0.84	116.94	---	---	peak
14	2483.500	65.82	-0.70	65.12	74.00	-8.88	peak
15	2483.500	51.59	-0.70	50.89	54.00	-3.11	AVG
16	2485.750	67.16	-0.70	66.46	74.00	-7.54	peak
17	2485.750	51.37	-0.70	50.67	54.00	-3.33	AVG
18	2489.550	63.33	-0.68	62.65	74.00	-11.35	peak
19	2489.550	50.76	-0.68	50.08	54.00	-3.92	AVG
20	2496.770	62.77	-0.65	62.12	74.00	-11.88	peak
21	2496.770	50.19	-0.65	49.54	54.00	-4.46	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



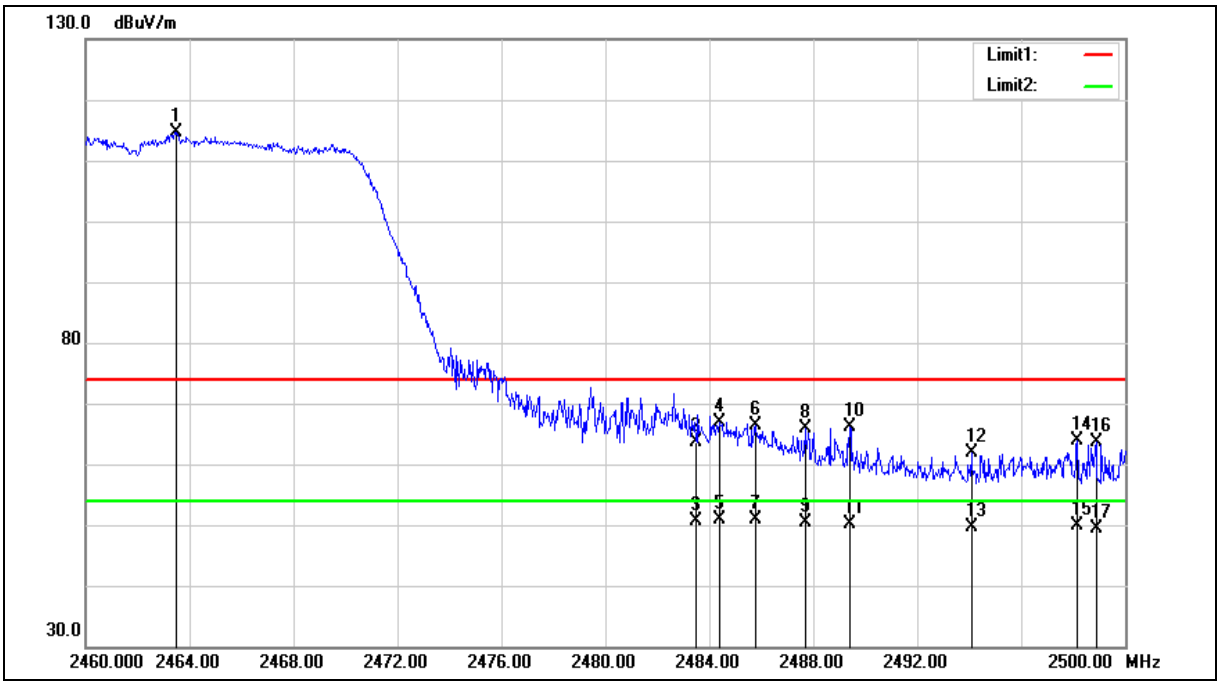
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.840	99.18	-0.77	98.41	---	---	peak
2	2483.500	55.34	-0.70	54.64	74.00	-19.36	peak
3	2483.500	46.07	-0.70	45.37	54.00	-8.63	AVG
4	2499.720	57.45	-0.64	56.81	74.00	-17.19	peak
5	2499.720	46.84	-0.64	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	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

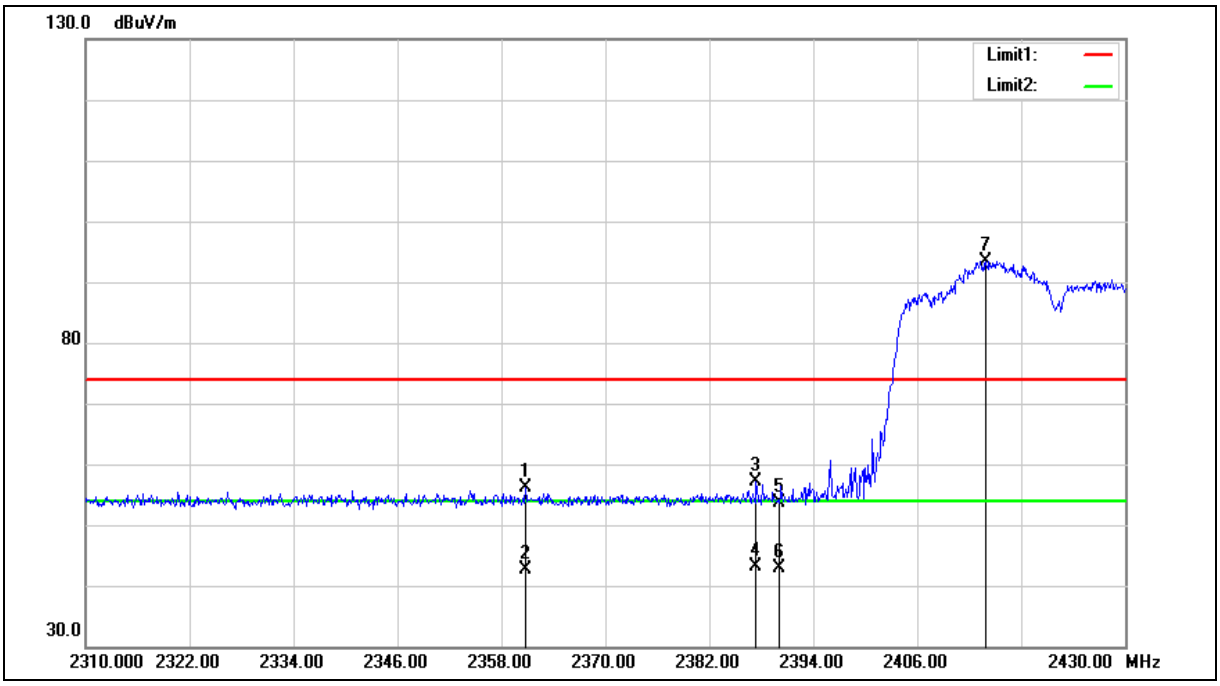
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.480	115.50	-0.77	114.73	---	---	peak
2	2483.500	64.22	-0.70	63.52	74.00	-10.48	peak
3	2483.500	51.32	-0.70	50.62	54.00	-3.38	AVG
4	2484.400	67.64	-0.70	66.94	74.00	-7.06	peak
5	2484.400	51.69	-0.70	50.99	54.00	-3.01	AVG
6	2485.760	67.07	-0.70	66.37	74.00	-7.63	peak
7	2485.760	51.51	-0.70	50.81	54.00	-3.19	AVG
8	2487.680	66.47	-0.68	65.79	74.00	-8.21	peak
9	2487.680	50.98	-0.68	50.30	54.00	-3.70	AVG
10	2489.400	66.77	-0.68	66.09	74.00	-7.91	peak
11	2489.400	50.73	-0.68	50.05	54.00	-3.95	AVG
12	2494.080	62.56	-0.67	61.89	74.00	-12.11	peak
13	2494.080	50.27	-0.67	49.60	54.00	-4.40	AVG
14	2498.160	64.41	-0.64	63.77	74.00	-10.23	peak
15	2498.160	50.61	-0.64	49.97	54.00	-4.03	AVG
16	2498.880	64.25	-0.64	63.61	74.00	-10.39	peak
17	2498.880	50.04	-0.64	49.40	54.00	-4.60	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	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

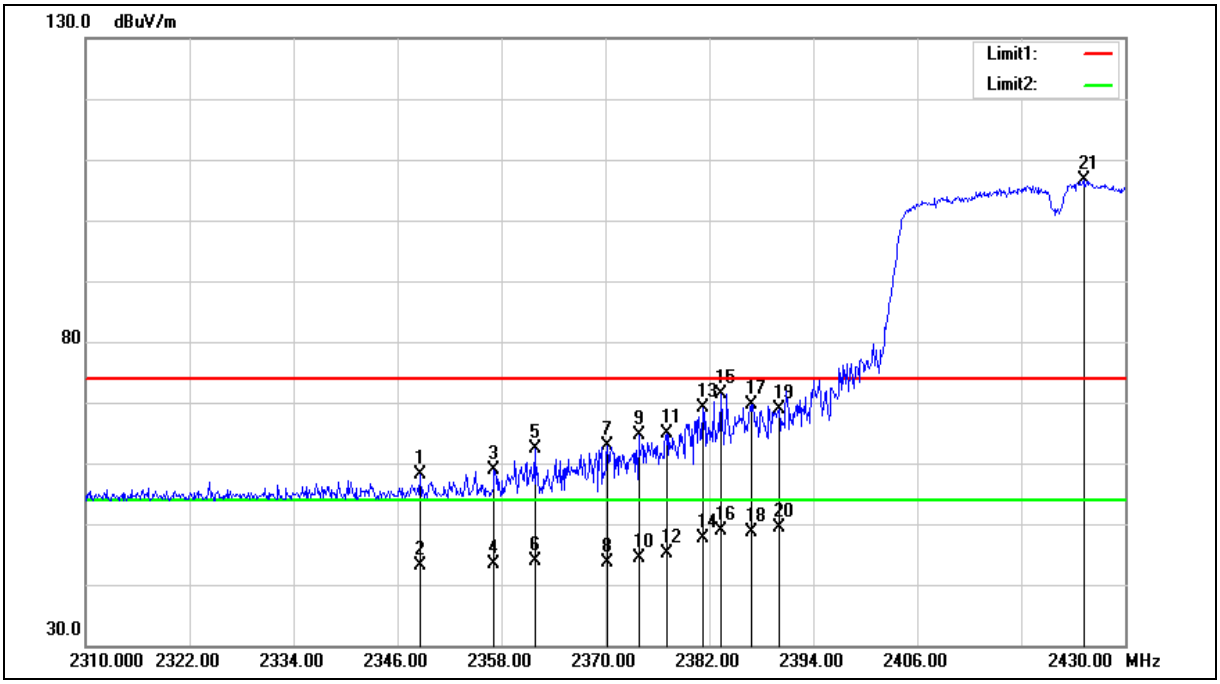
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2360.760	57.23	-1.15	56.08	74.00	-17.92	peak
2	2360.760	43.86	-1.15	42.71	54.00	-11.29	AVG
3	2387.400	58.21	-1.06	57.15	74.00	-16.85	peak
4	2387.400	44.07	-1.06	43.01	54.00	-10.99	AVG
5	2390.000	54.70	-1.05	53.65	74.00	-20.35	peak
6	2390.000	43.92	-1.05	42.87	54.00	-11.13	AVG
7	2413.920	94.42	-0.95	93.47	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

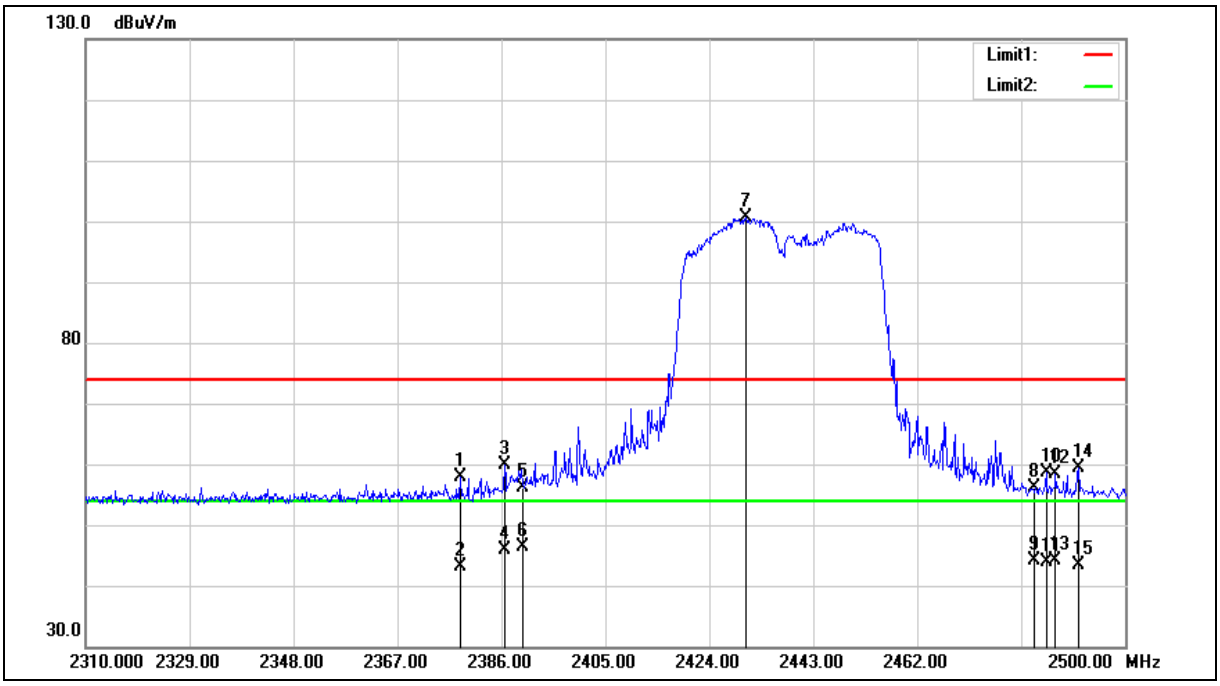
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2348.640	59.28	-1.19	58.09	74.00	-15.91	peak
2	2348.640	44.44	-1.19	43.25	54.00	-10.75	AVG
3	2357.160	59.98	-1.16	58.82	74.00	-15.18	peak
4	2357.160	44.49	-1.16	43.33	54.00	-10.67	AVG
5	2361.840	63.45	-1.15	62.30	74.00	-11.70	peak
6	2361.840	45.04	-1.15	43.89	54.00	-10.11	AVG
7	2370.240	63.92	-1.12	62.80	74.00	-11.20	peak
8	2370.240	44.85	-1.12	43.73	54.00	-10.27	AVG
9	2373.840	65.67	-1.10	64.57	74.00	-9.43	peak
10	2373.840	45.37	-1.10	44.27	54.00	-9.73	AVG
11	2377.080	65.94	-1.10	64.84	74.00	-9.16	peak
12	2377.080	46.17	-1.10	45.07	54.00	-8.93	AVG
13	2381.280	70.28	-1.08	69.20	74.00	-4.80	peak
14	2381.280	48.73	-1.08	47.65	54.00	-6.35	AVG
15	2383.320	72.38	-1.07	71.31	74.00	-2.69	peak
16	2383.320	49.94	-1.07	48.87	54.00	-5.13	AVG
17	2386.920	70.64	-1.06	69.58	74.00	-4.42	peak
18	2386.920	49.68	-1.06	48.62	54.00	-5.38	AVG
19	2390.000	70.05	-1.05	69.00	74.00	-5.00	peak
20	2390.000	50.36	-1.05	49.31	54.00	-4.69	AVG
21	2425.200	107.55	-0.91	106.64	---	---	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

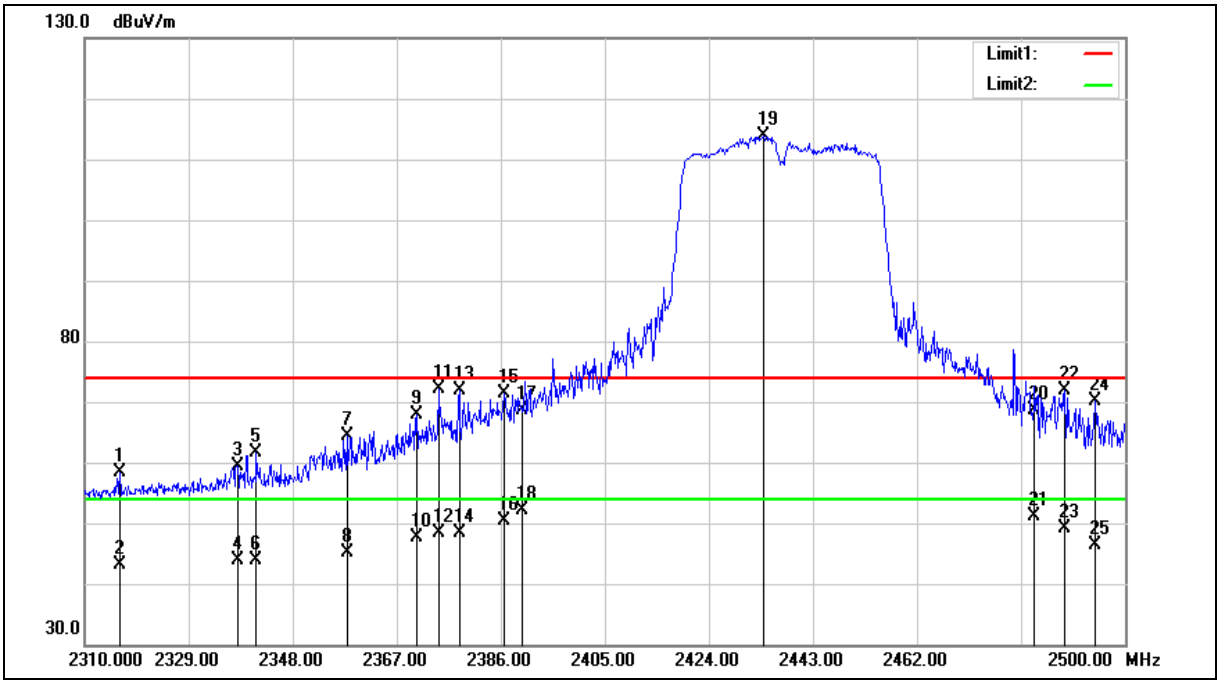
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2378.400	58.94	-1.10	57.84	74.00	-16.16	peak
2	2378.400	44.35	-1.10	43.25	54.00	-10.75	AVG
3	2386.570	60.84	-1.06	59.78	74.00	-14.22	peak
4	2386.570	46.86	-1.06	45.80	54.00	-8.20	AVG
5	2390.000	57.21	-1.05	56.16	74.00	-17.84	peak
6	2390.000	47.41	-1.05	46.36	54.00	-7.64	AVG
7	2430.650	101.41	-0.89	100.52	---	---	peak
8	2483.500	56.91	-0.70	56.21	74.00	-17.79	peak
9	2483.500	44.72	-0.70	44.02	54.00	-9.98	AVG
10	2485.560	59.37	-0.70	58.67	74.00	-15.33	peak
11	2485.560	44.68	-0.70	43.98	54.00	-10.02	AVG
12	2487.270	59.01	-0.69	58.32	74.00	-15.68	peak
13	2487.270	44.70	-0.69	44.01	54.00	-9.99	AVG
14	2491.450	60.05	-0.67	59.38	74.00	-14.62	peak
15	2491.450	44.01	-0.67	43.34	54.00	-10.66	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	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/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	2316.460	59.74	-1.32	58.42	74.00	-15.58	peak
2	2316.460	44.46	-1.32	43.14	54.00	-10.86	AVG
3	2337.930	60.73	-1.23	59.50	74.00	-14.50	peak
4	2337.930	45.09	-1.23	43.86	54.00	-10.14	AVG
5	2341.350	62.93	-1.22	61.71	74.00	-12.29	peak
6	2341.350	45.05	-1.22	43.83	54.00	-10.17	AVG
7	2357.880	65.44	-1.16	64.28	74.00	-9.72	peak
8	2357.880	46.20	-1.16	45.04	54.00	-8.96	AVG
9	2370.610	68.90	-1.12	67.78	74.00	-6.22	peak
10	2370.610	48.76	-1.12	47.64	54.00	-6.36	AVG
11	2374.600	73.17	-1.10	72.07	74.00	-1.93	peak
12	2374.600	49.45	-1.10	48.35	54.00	-5.65	AVG
13	2378.400	72.93	-1.10	71.83	74.00	-2.17	peak
14	2378.400	49.51	-1.10	48.41	54.00	-5.59	AVG
15	2386.570	72.46	-1.06	71.40	74.00	-2.60	peak
16	2386.570	51.34	-1.06	50.28	54.00	-3.72	AVG
17	2390.000	69.65	-1.05	68.60	74.00	-5.40	peak
18	2390.000	53.27	-1.05	52.22	54.00	-1.78	AVG
19	2434.070	114.66	-0.88	113.78	---	---	peak
20	2483.500	69.37	-0.70	68.67	74.00	-5.33	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

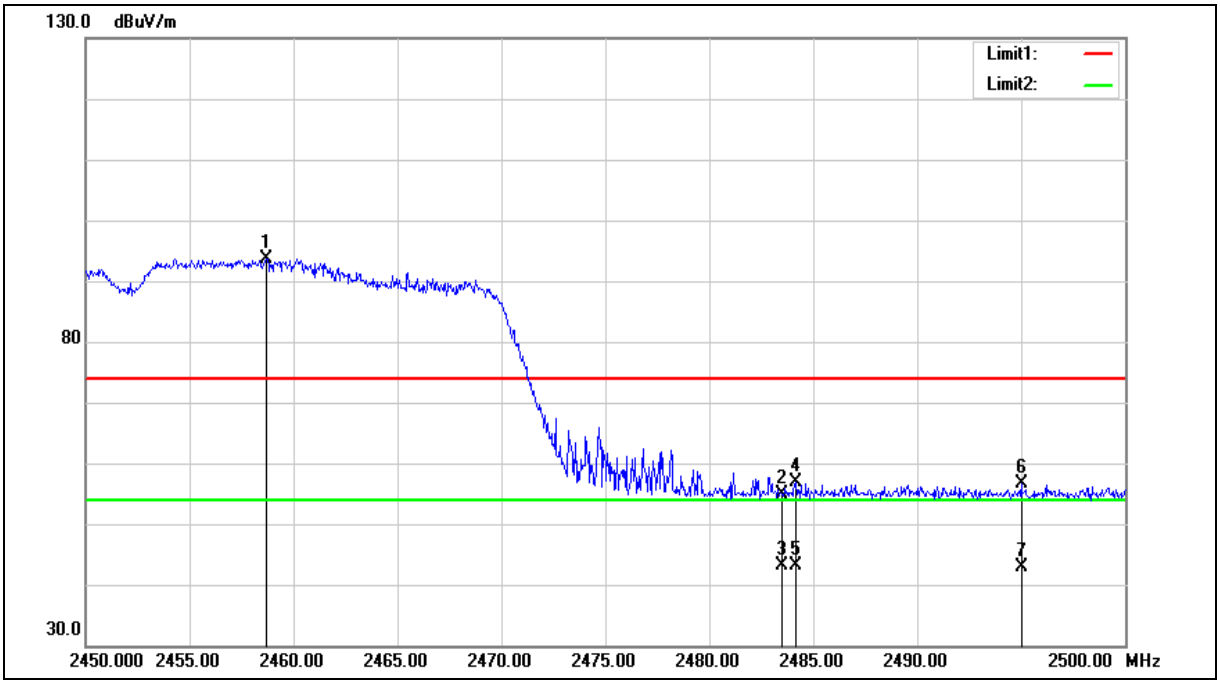
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2483.500	51.72	-0.70	51.02	54.00	-2.98	AVG
22	2488.980	72.49	-0.68	71.81	74.00	-2.19	peak
23	2488.980	49.89	-0.68	49.21	54.00	-4.79	AVG
24	2494.490	70.88	-0.66	70.22	74.00	-3.78	peak
25	2494.490	46.98	-0.66	46.32	54.00	-7.68	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	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

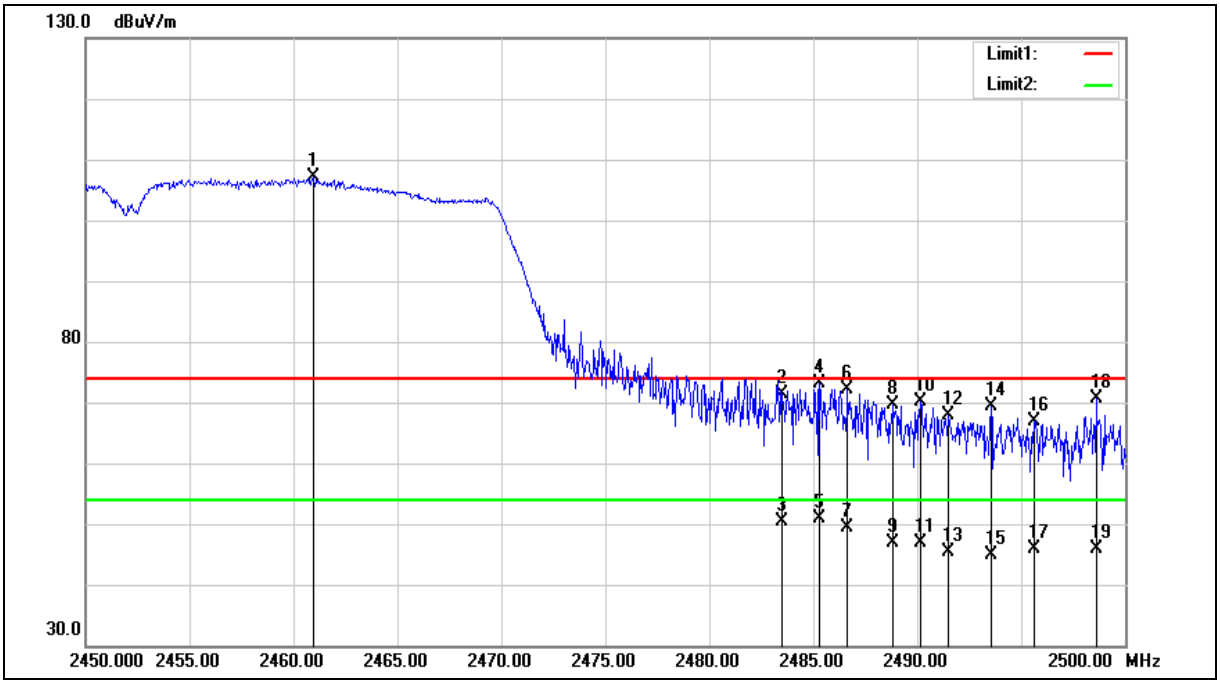
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2458.700	94.50	-0.80	93.70	---	---	peak
2	2483.500	55.60	-0.70	54.90	74.00	-19.10	peak
3	2483.500	43.76	-0.70	43.06	54.00	-10.94	AVG
4	2484.150	57.46	-0.70	56.76	74.00	-17.24	peak
5	2484.150	43.85	-0.70	43.15	54.00	-10.85	AVG
6	2495.000	57.33	-0.66	56.67	74.00	-17.33	peak
7	2495.000	43.54	-0.66	42.88	54.00	-11.12	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	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/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	2460.950	107.80	-0.79	107.01	---	---	peak
2	2483.500	71.97	-0.70	71.27	74.00	-2.73	peak
3	2483.500	51.16	-0.70	50.46	54.00	-3.54	AVG
4	2485.300	73.85	-0.70	73.15	74.00	-0.85	peak
5	2485.300	51.60	-0.70	50.90	54.00	-3.10	AVG
6	2486.650	72.88	-0.69	72.19	74.00	-1.81	peak
7	2486.650	50.01	-0.69	49.32	54.00	-4.68	AVG
8	2488.800	70.35	-0.68	69.67	74.00	-4.33	peak
9	2488.800	47.46	-0.68	46.78	54.00	-7.22	AVG
10	2490.150	70.84	-0.68	70.16	74.00	-3.84	peak
11	2490.150	47.48	-0.68	46.80	54.00	-7.20	AVG
12	2491.500	68.62	-0.67	67.95	74.00	-6.05	peak
13	2491.500	46.11	-0.67	45.44	54.00	-8.56	AVG
14	2493.550	70.08	-0.67	69.41	74.00	-4.59	peak
15	2493.550	45.64	-0.67	44.97	54.00	-9.03	AVG
16	2495.600	67.61	-0.66	66.95	74.00	-7.05	peak
17	2495.600	46.66	-0.66	46.00	54.00	-8.00	AVG
18	2498.600	71.24	-0.64	70.60	74.00	-3.40	peak
19	2498.600	46.51	-0.64	45.87	54.00	-8.13	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.

---- END----