

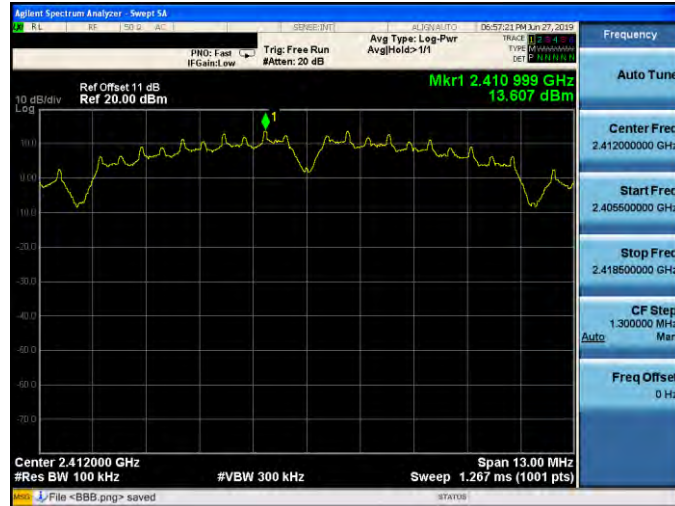
Out of Band Conducted Emissions Measurement

■ Test Graphs

Reference level

Mode 2: IEEE 802.11b Continuous TX mode_ANT-0

2412 MHz



2437 MHz



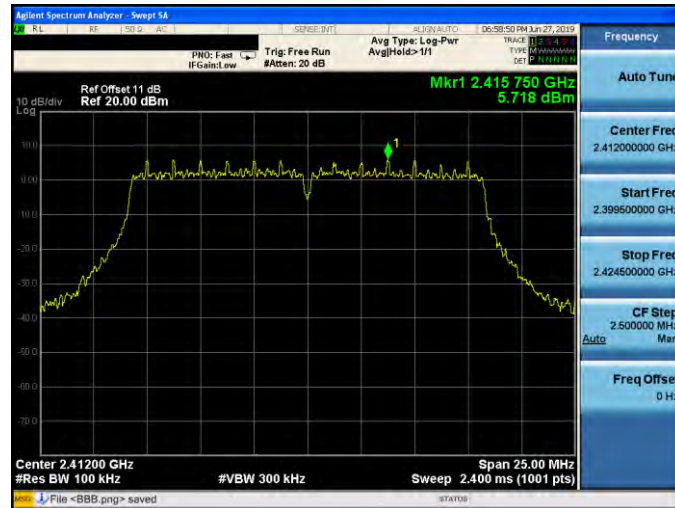
2462 MHz



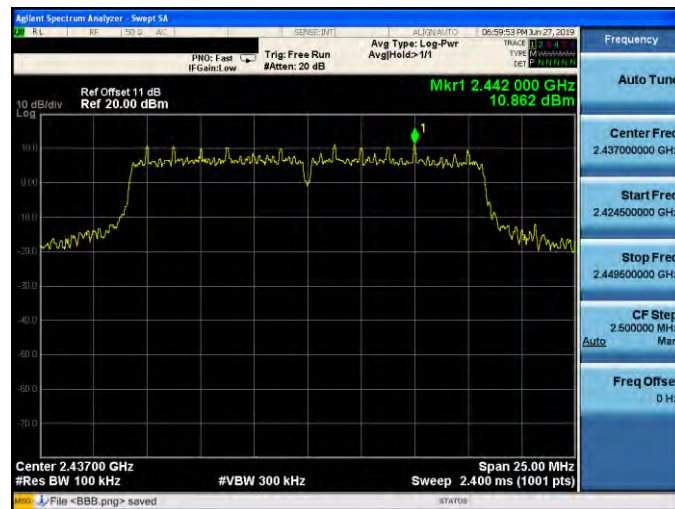


Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

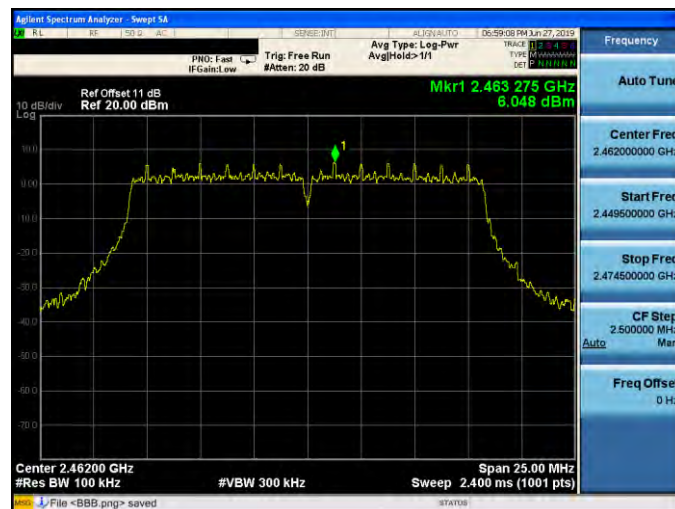
2412 MHz



2437 MHz



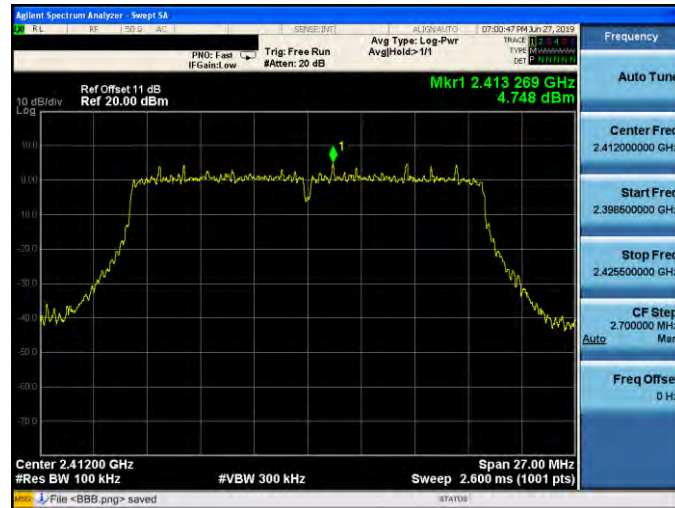
2462 MHz



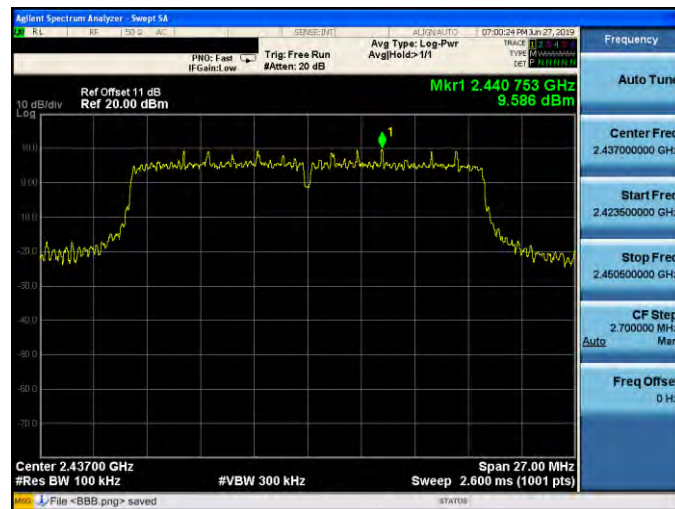


Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-0

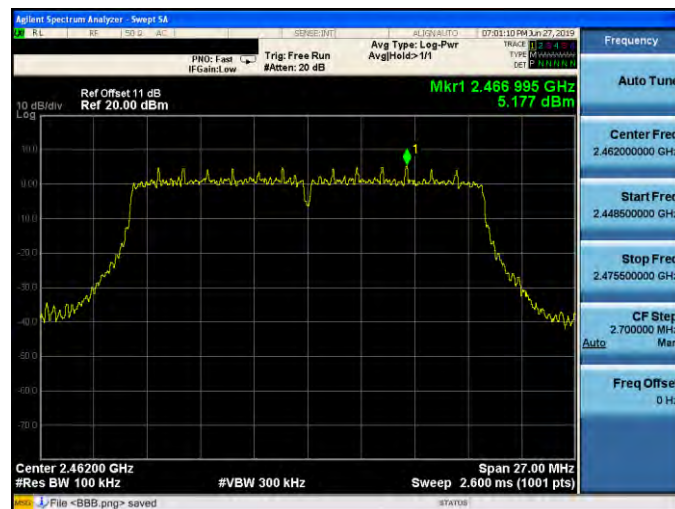
2412 MHz



2437 MHz



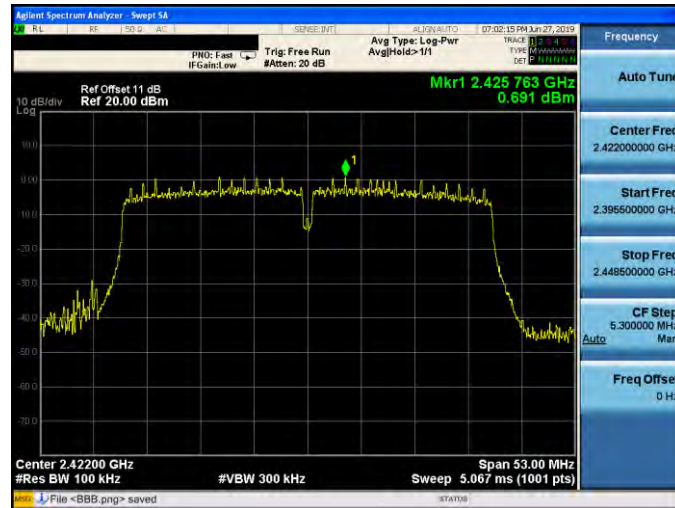
2462 MHz



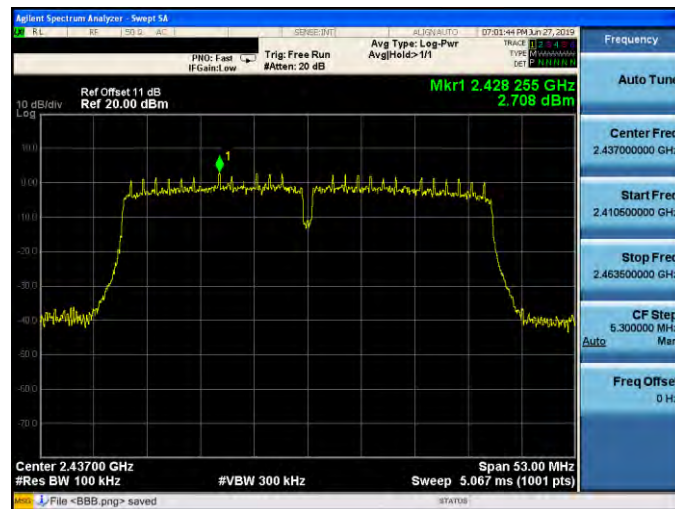


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-0

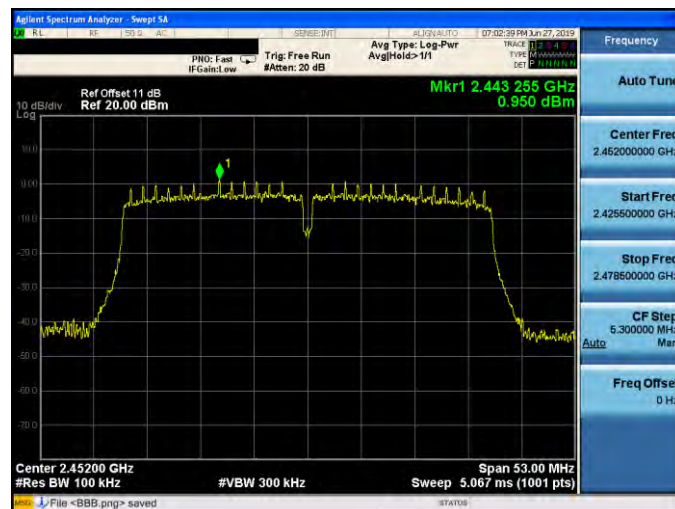
2422 MHz



2437 MHz



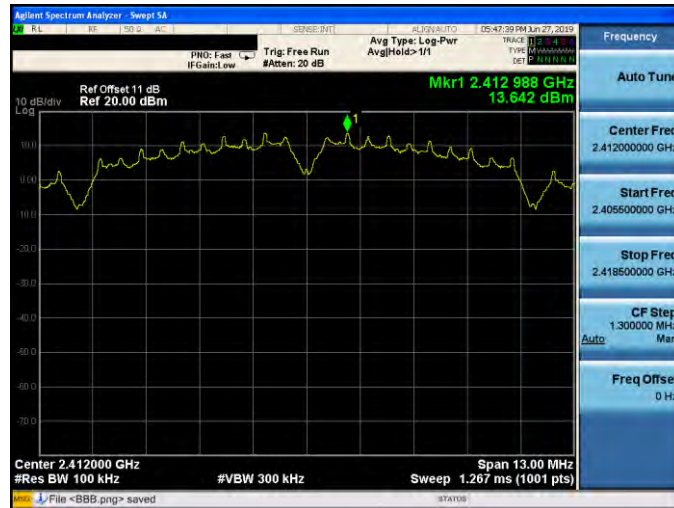
2452 MHz



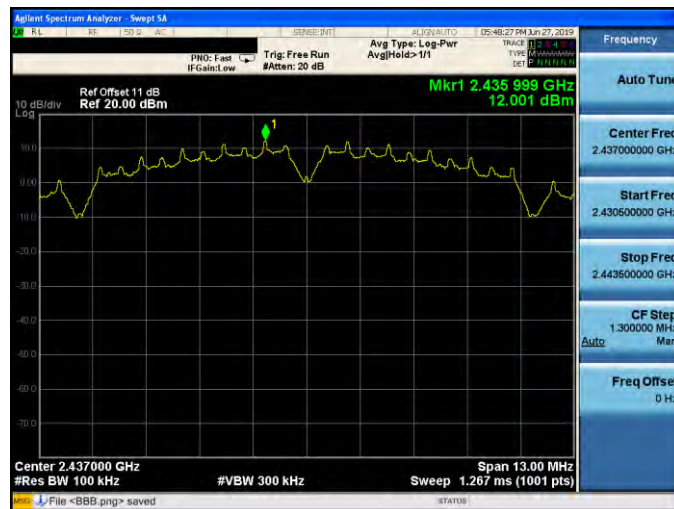


Mode 2: IEEE 802.11b Continuous TX mode_ANT-1

2412 MHz

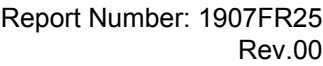


2437 MHz



2462 MHz





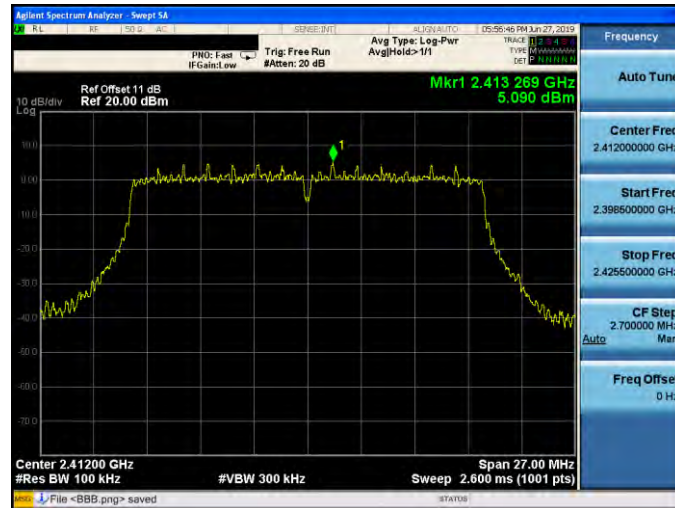
Mode 3: IEEE 802.11g Continuous TX mode_ANT-1

Frequency (MHz)	Agilent Spectrum Analyzer Screenshot
2412 MHz	Agilent Spectrum Analyzer - Sweep SA Ref Offset 11 dB Ref 20.00 dBm Mkr1 2.413 250 GHz 5.816 dBm Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Span 25.00 MHz Sweep 2.400 ms (1001 pts) Frequency Auto Tune Center Freq 2.41200000 GHz Start Freq 2.399500000 GHz Stop Freq 2.424500000 GHz CF Step 2.500000 MHz Man Freq Offset 0 Hz
2437 MHz	Agilent Spectrum Analyzer - Sweep SA Ref Offset 11 dB Ref 20.00 dBm Mkr1 2.442 000 GHz 11.189 dBm Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Span 25.00 MHz Sweep 2.400 ms (1001 pts) Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.424500000 GHz Stop Freq 2.449500000 GHz CF Step 2.500000 MHz Man Freq Offset 0 Hz
2462 MHz	Agilent Spectrum Analyzer - Sweep SA Ref Offset 11 dB Ref 20.00 dBm Mkr1 2.463 250 GHz 6.215 dBm Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Span 25.00 MHz Sweep 2.400 ms (1001 pts) Frequency Auto Tune Center Freq 2.462000000 GHz Start Freq 2.449500000 GHz Stop Freq 2.474500000 GHz CF Step 2.500000 MHz Man Freq Offset 0 Hz

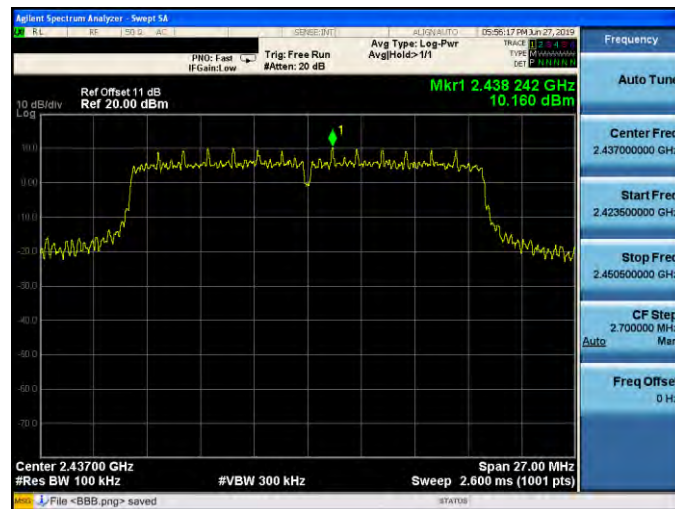


Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-1

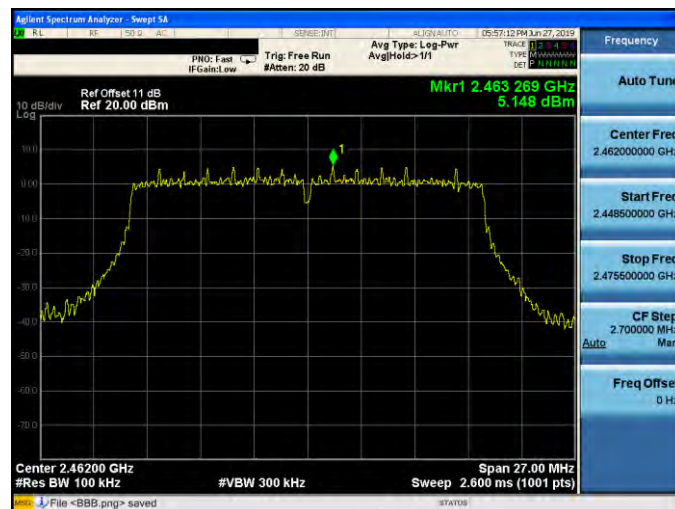
2412 MHz



2437 MHz



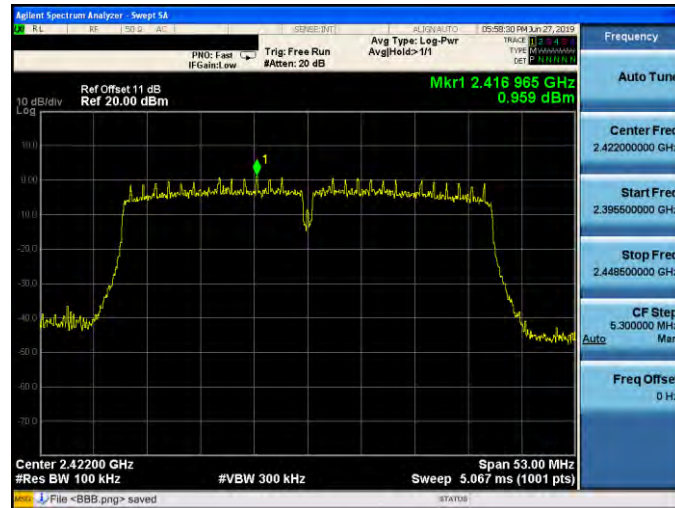
2462 MHz



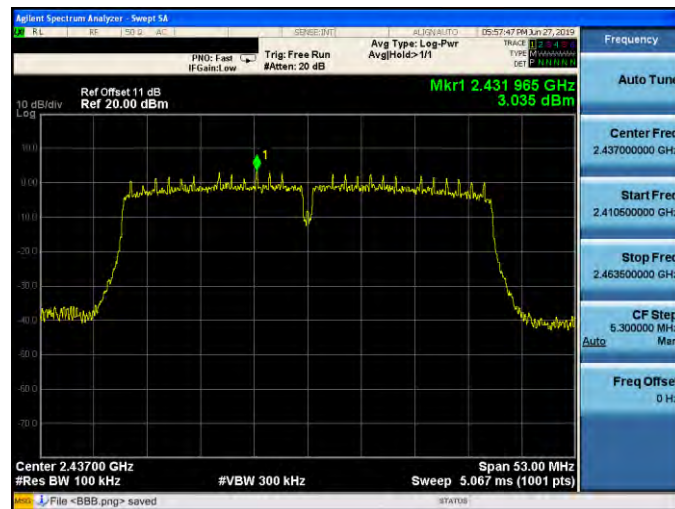


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-1

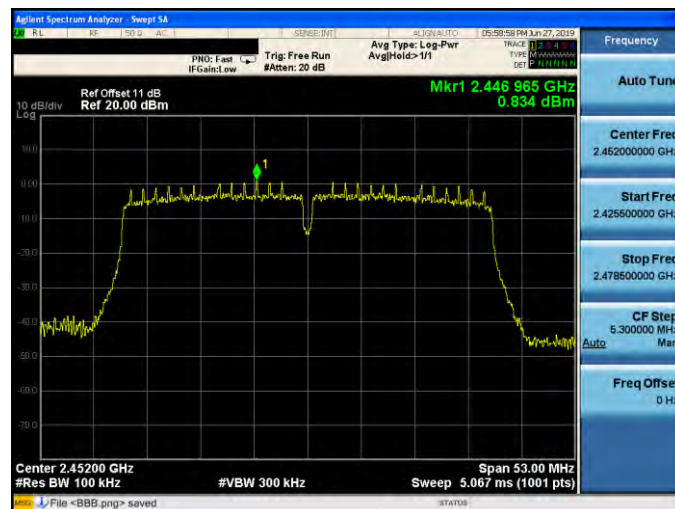
2422 MHz



2437 MHz



2452 MHz

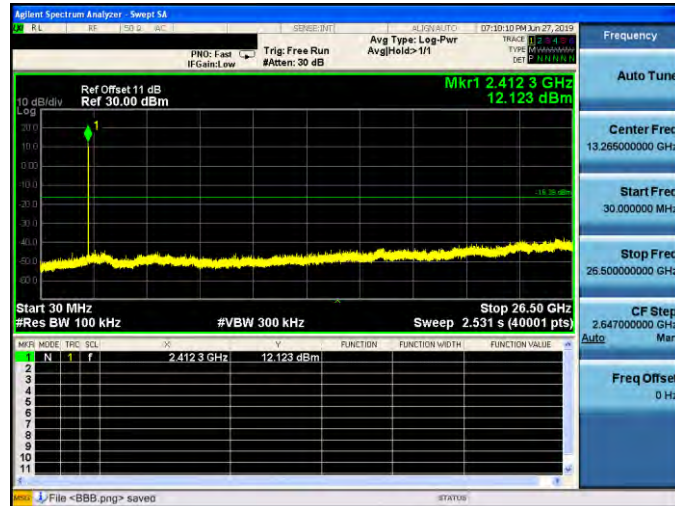




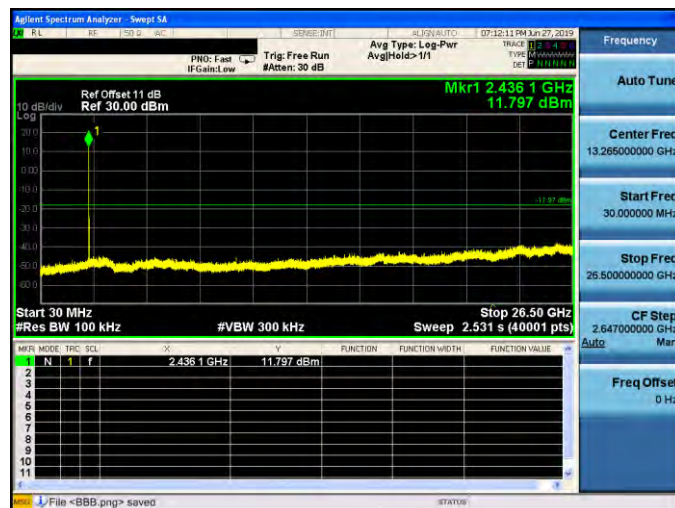
Out of Band Conducted Emissions

Mode 2: IEEE 802.11b Continuous TX mode_ANT-0

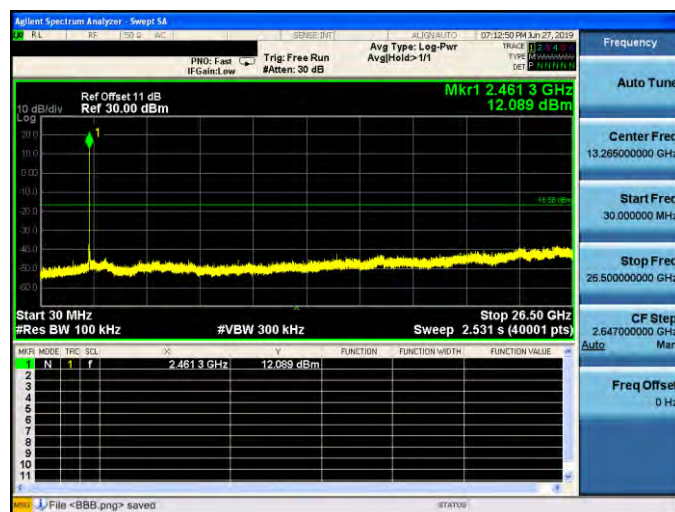
2412 MHz



2437 MHz



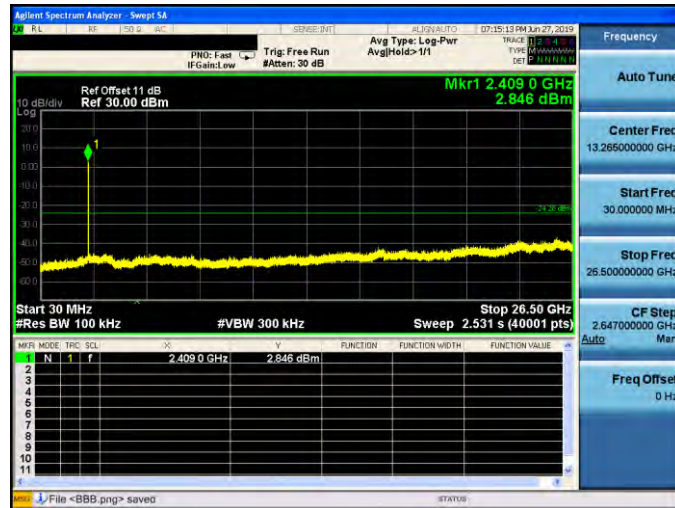
2462 MHz



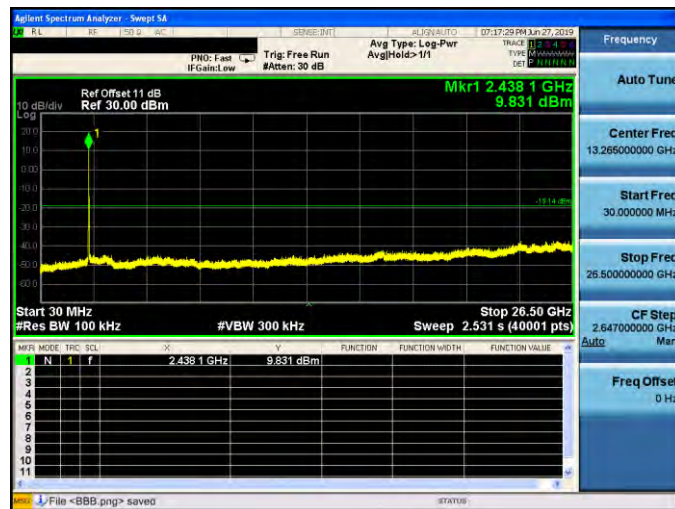


Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

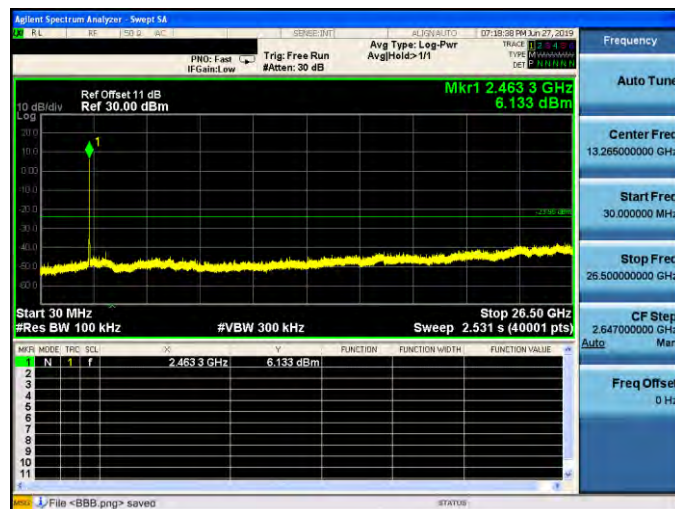
2412 MHz



2437 MHz



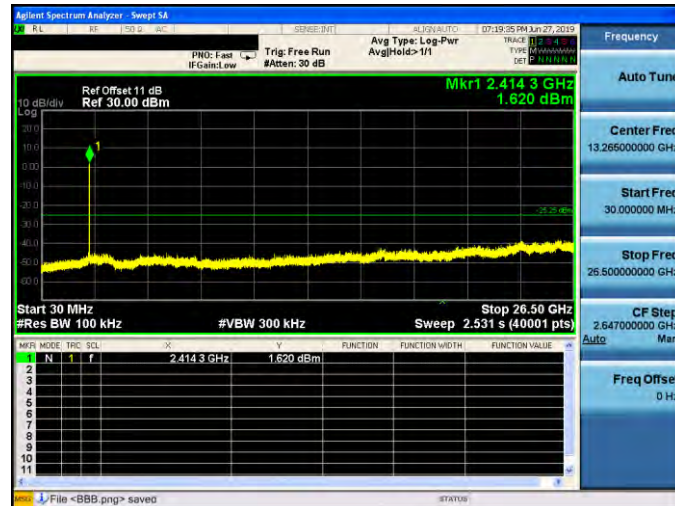
2462 MHz



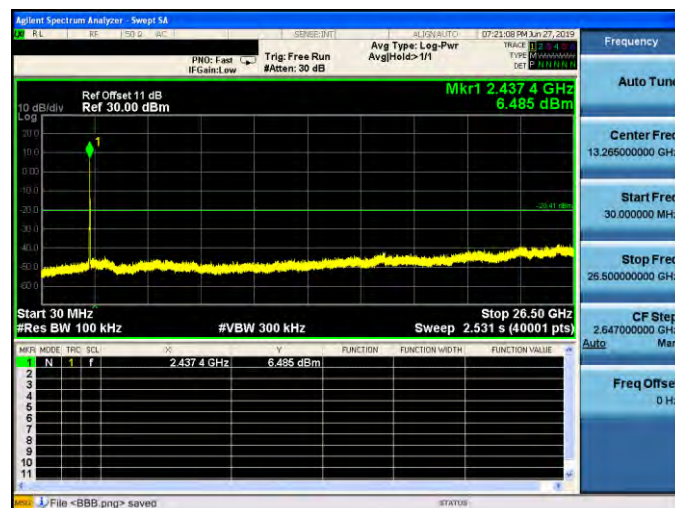


Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-0

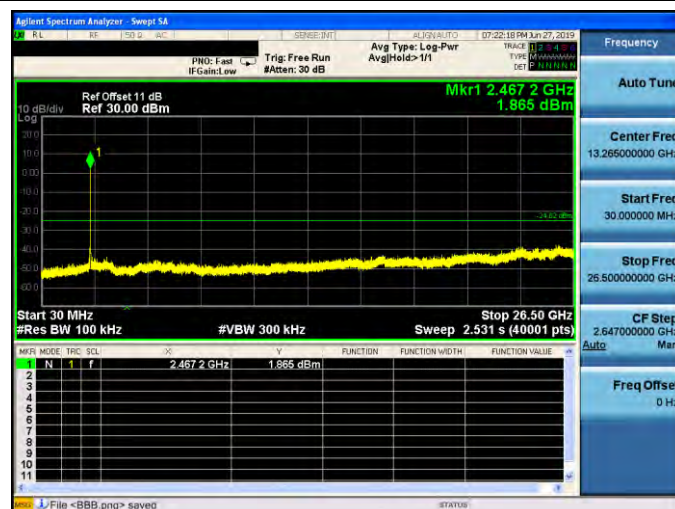
2412 MHz



2437 MHz

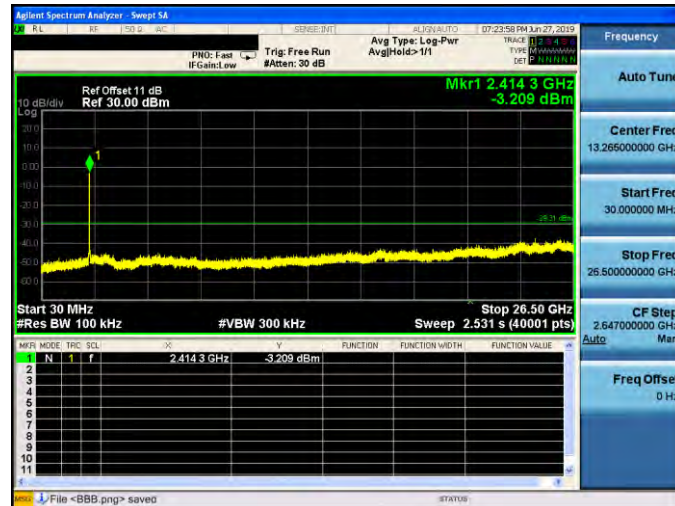


2462 MHz

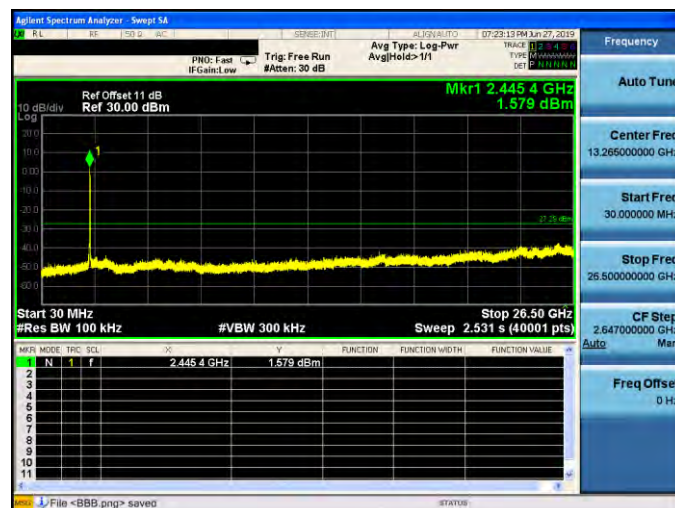


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-0

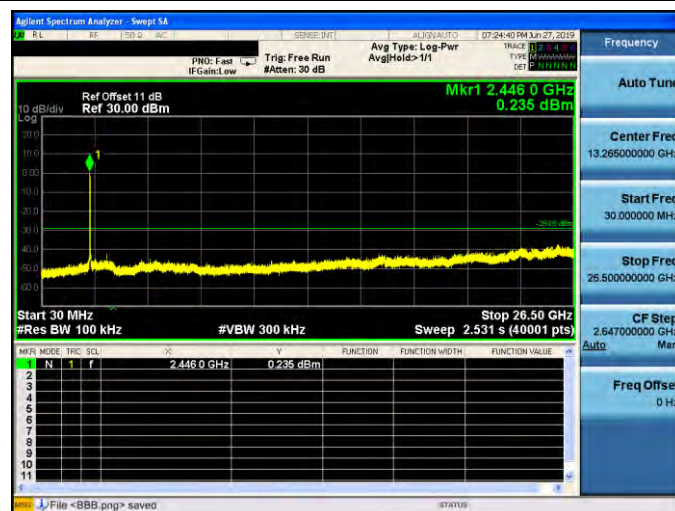
2422 MHz



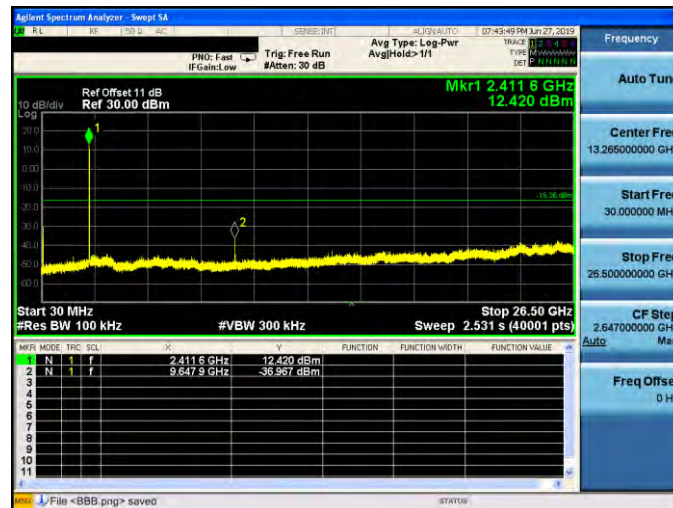
2437 MHz



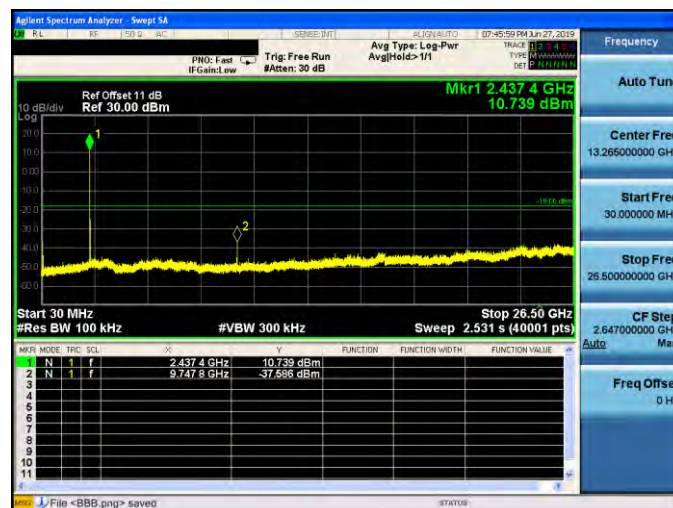
2452 MHz



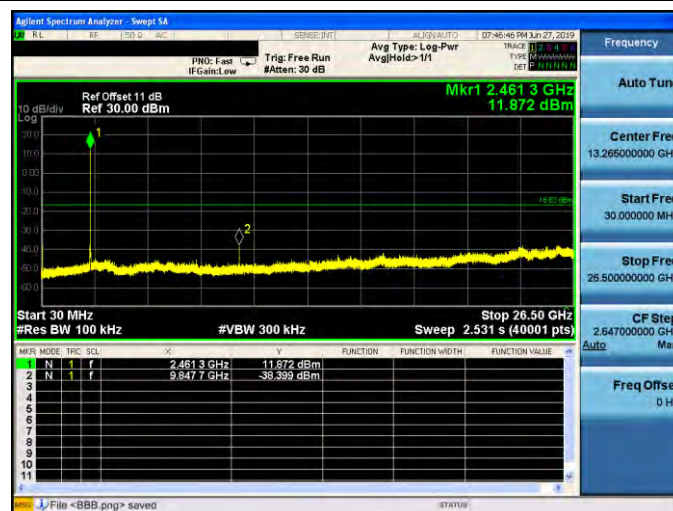
2412 MHz



2437 MHz



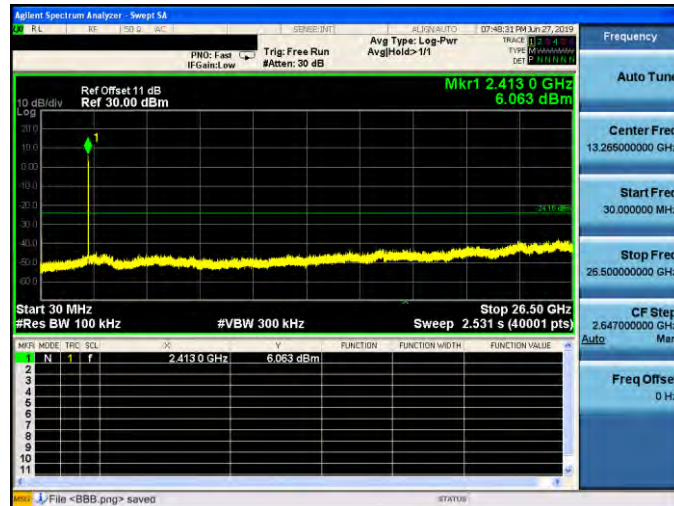
2462 MHz



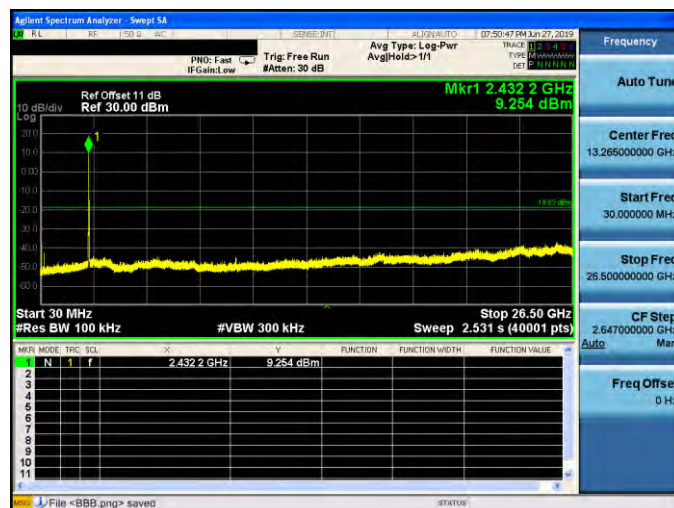


Mode 3: IEEE 802.11g Continuous TX mode_ANT-1

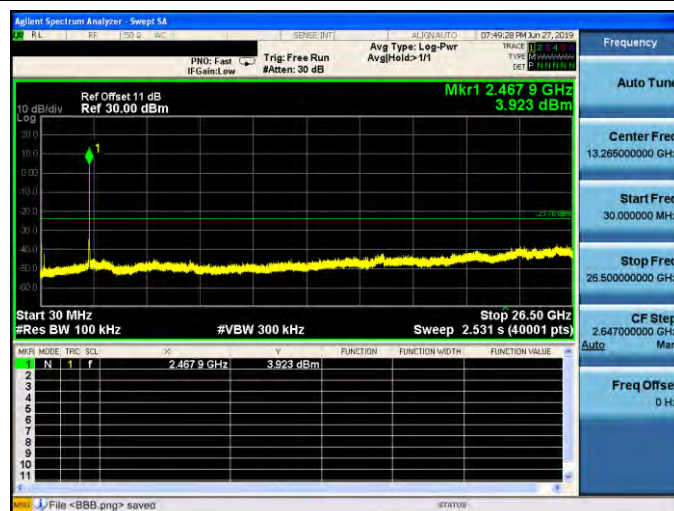
2412 MHz



2437 MHz

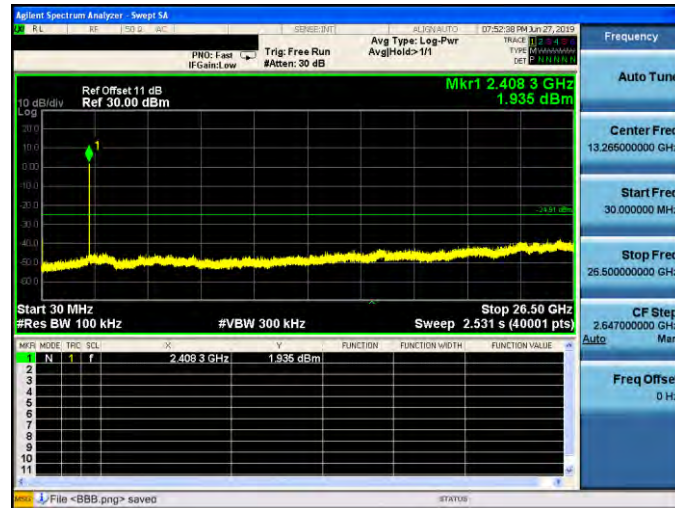


2462 MHz

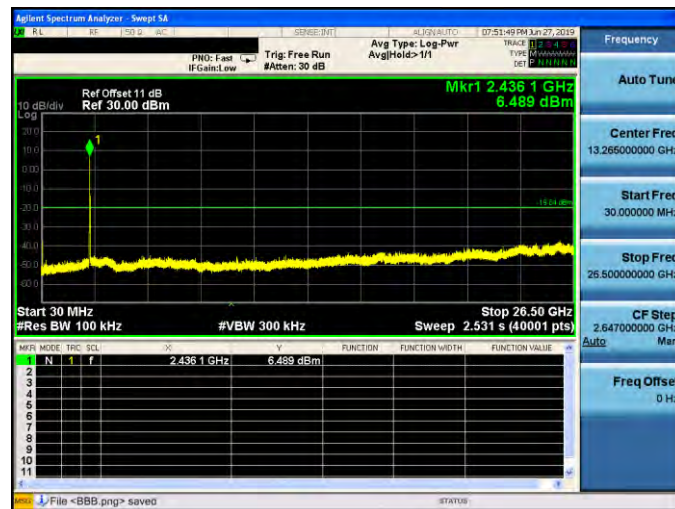


Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-1

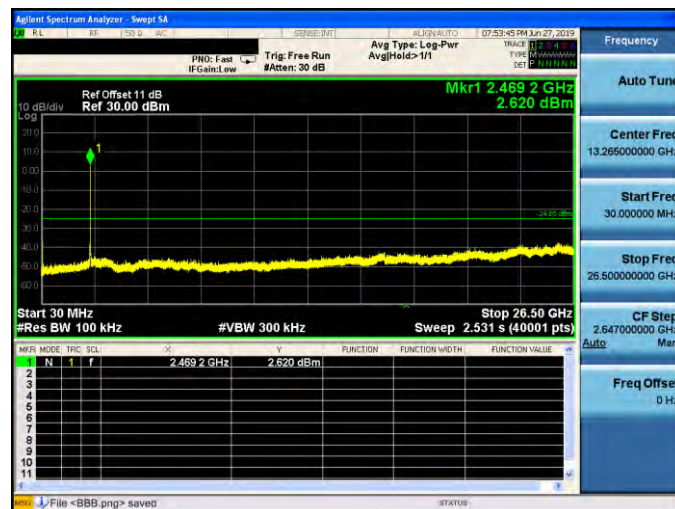
2412 MHz



2437 MHz



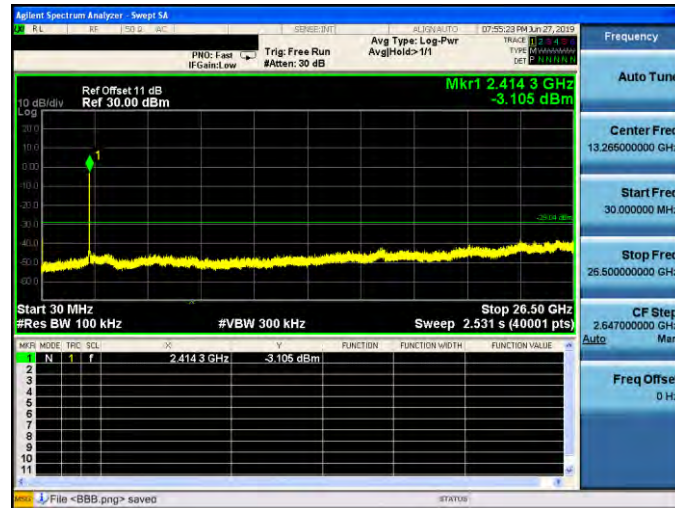
2462 MHz



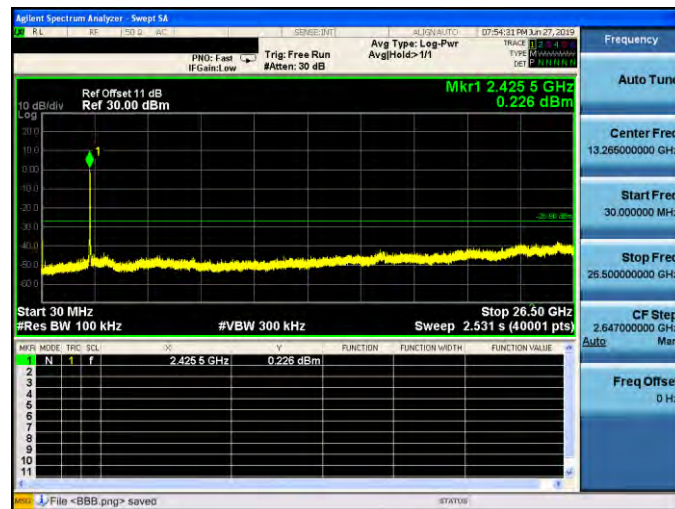


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-1

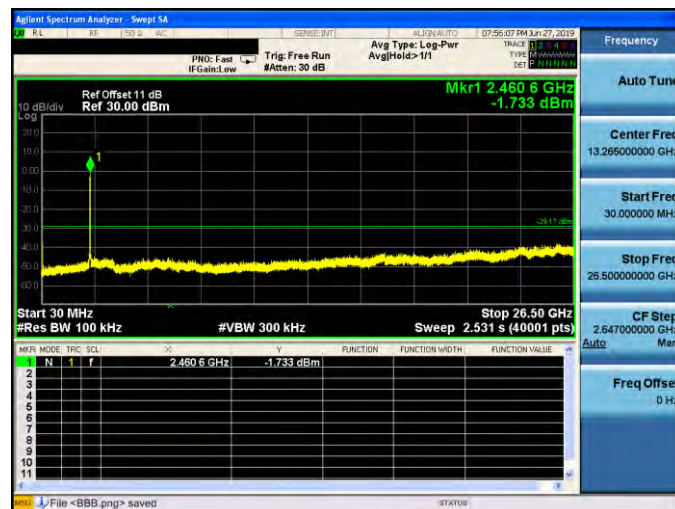
2422 MHz



2437 MHz



2452 MHz



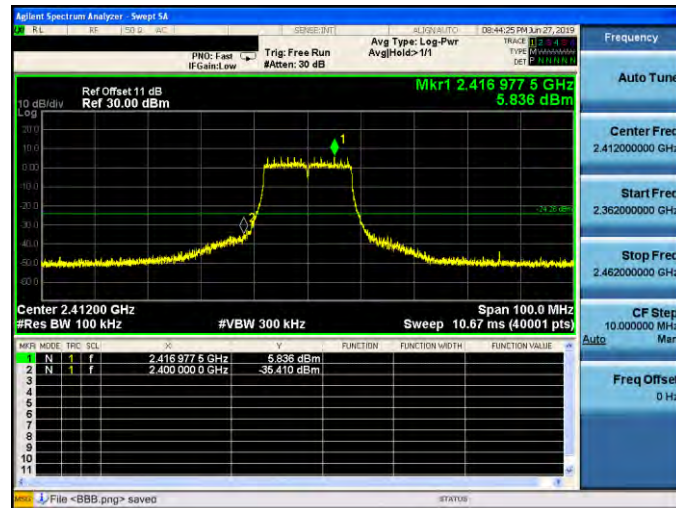


Conducted Band Edge

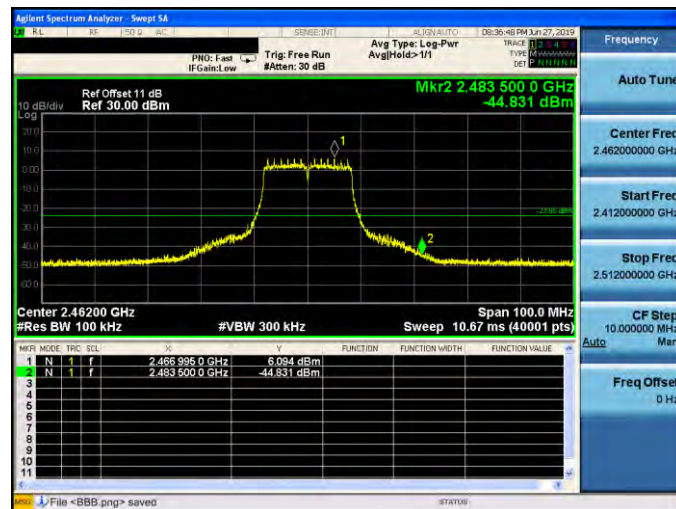
Mode 2: IEEE 802.11b Continuous TX mode_ANT-0	
2412 MHz	
2462 MHz	

Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

2412 MHz

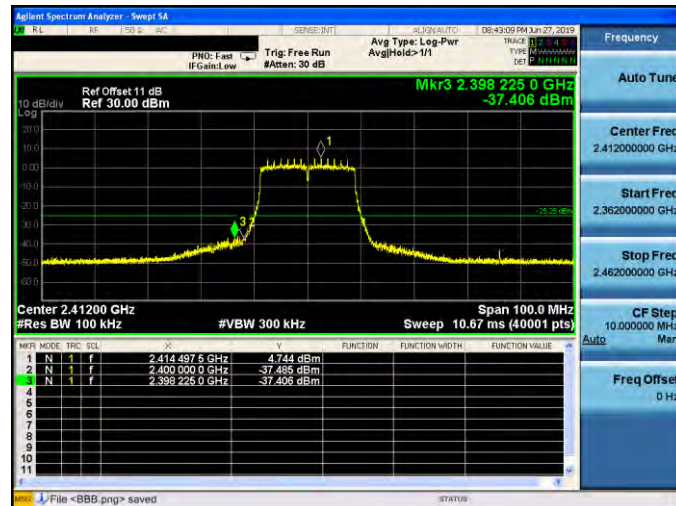


2462 MHz

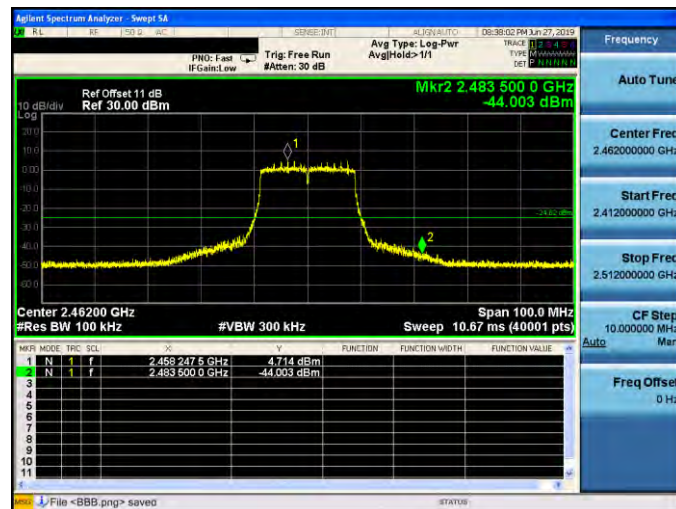


Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-0

2412 MHz

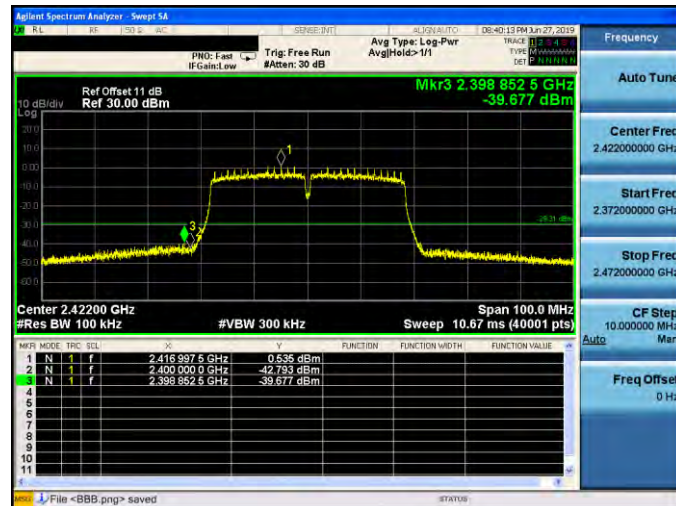


2462 MHz

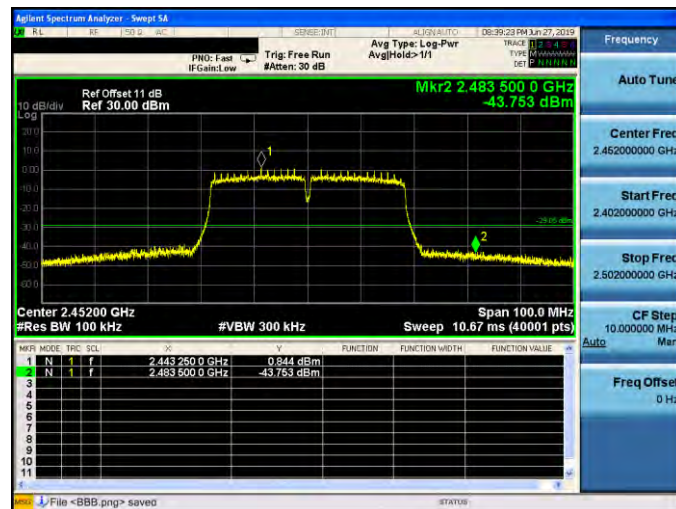


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-0

2422 MHz

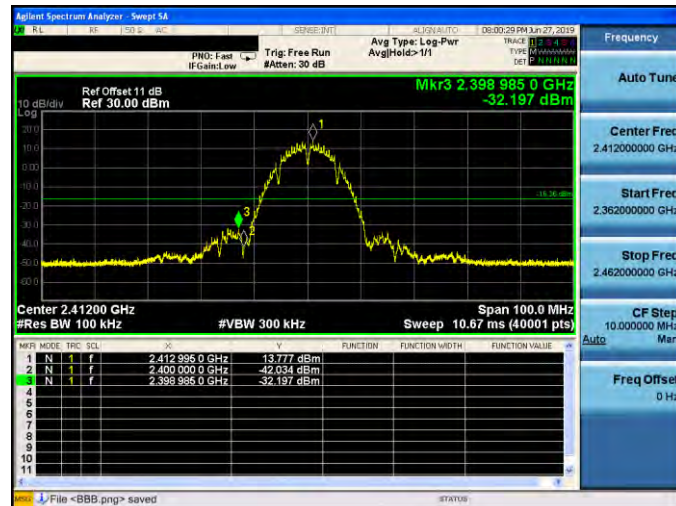


2452 MHz

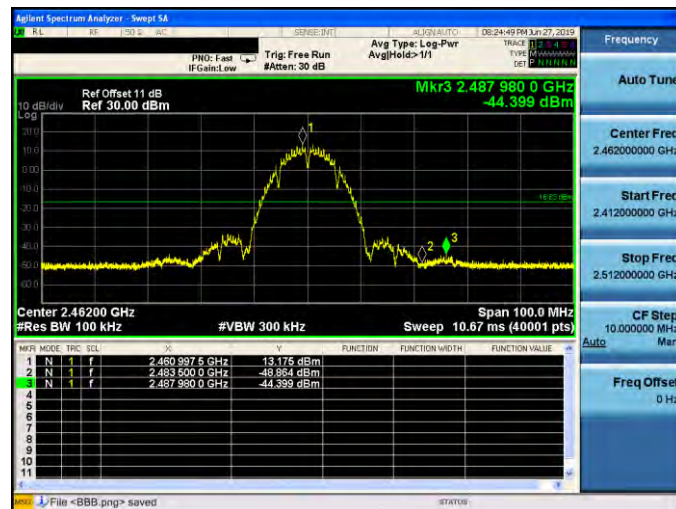


Mode 2: IEEE 802.11b Continuous TX mode_ANT-1

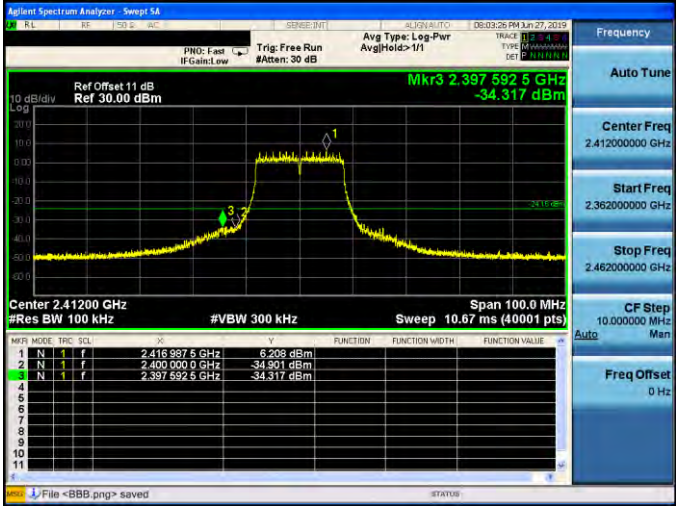
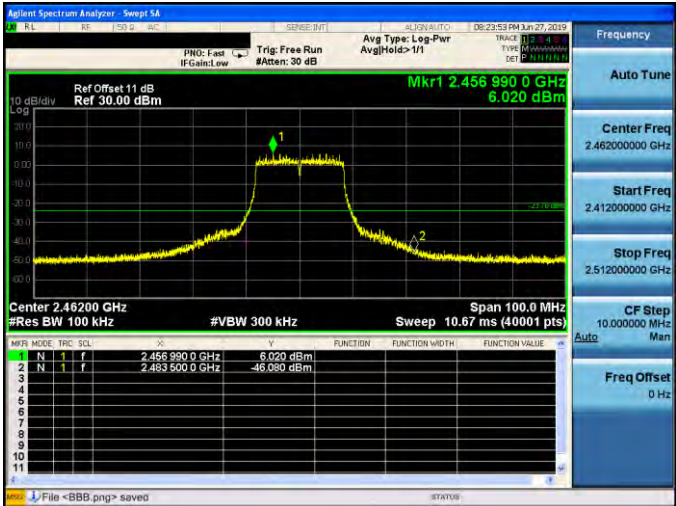
2412 MHz



2462 MHz





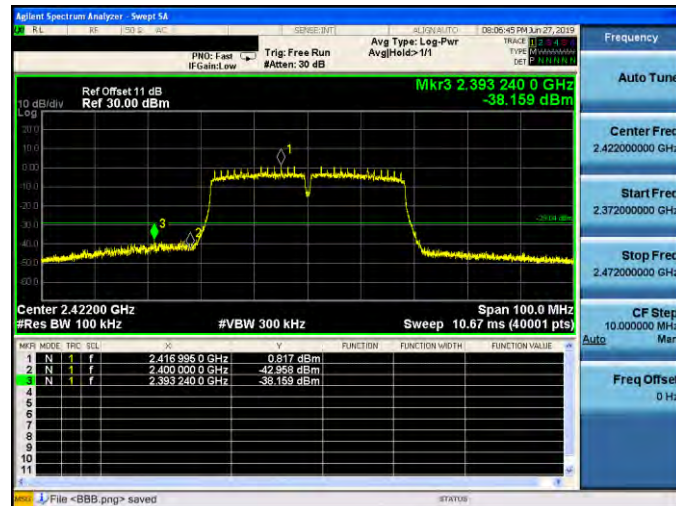
Mode 3: IEEE 802.11g Continuous TX mode_ANT-1	
2412 MHz	
2462 MHz	



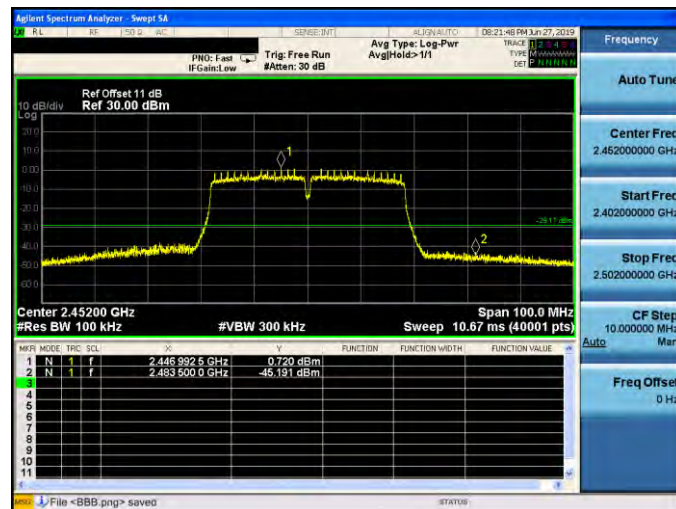
Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-1	
2412 MHz	
2462 MHz	

Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-1

2422 MHz



2452 MHz





Beamforming on

Reference level

Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-0

2412 MHz



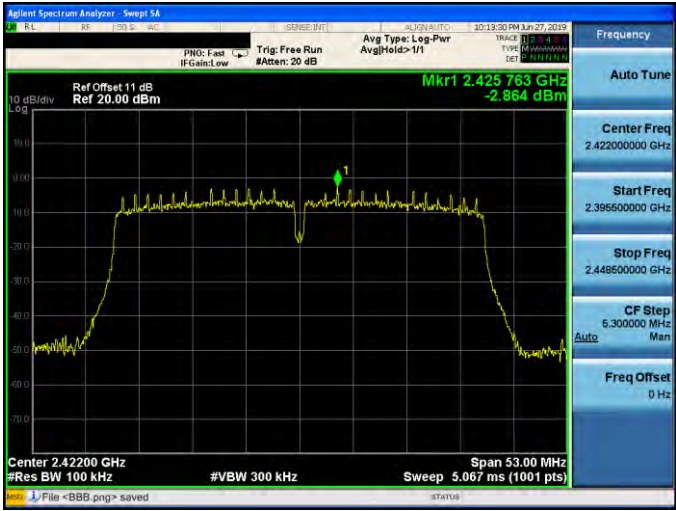
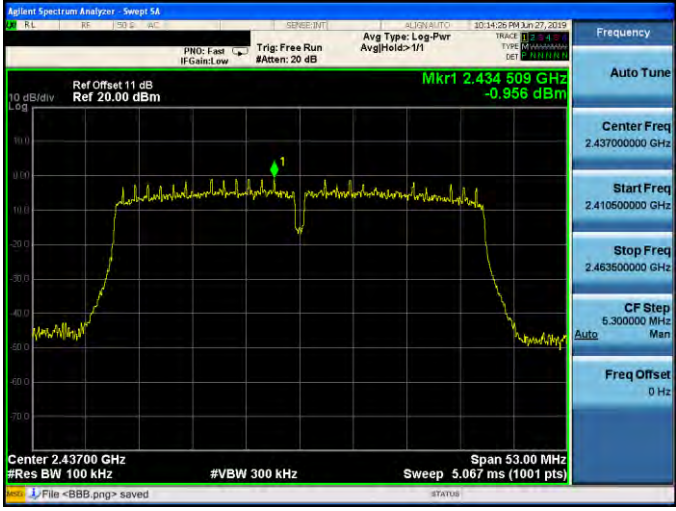
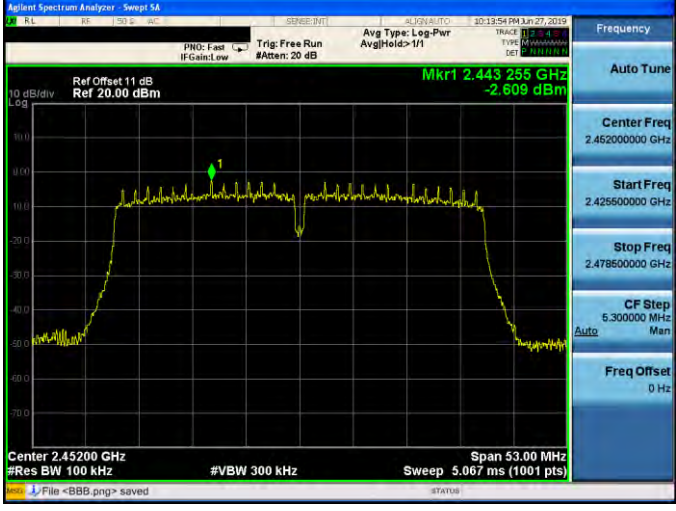
2437 MHz



2462 MHz





Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-0	
2422 MHz	
2437 MHz	
2452 MHz	



Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-1

2412 MHz



2437 MHz



2462 MHz

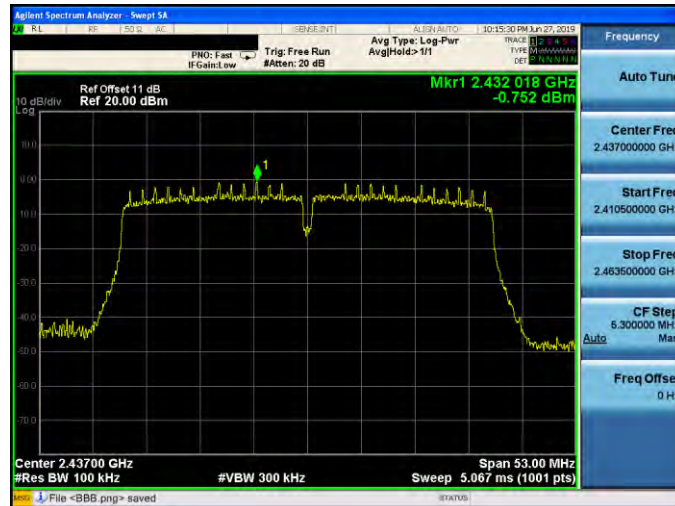


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-1

2422 MHz



2437 MHz



2452 MHz

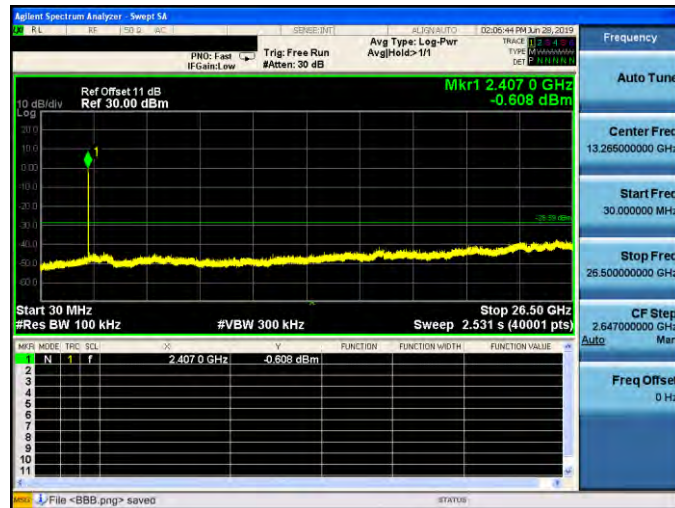




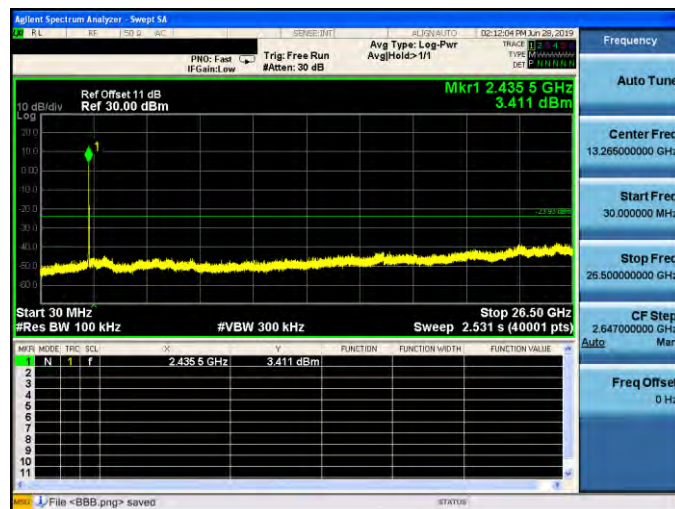
Out of Band Conducted Emissions

Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-0

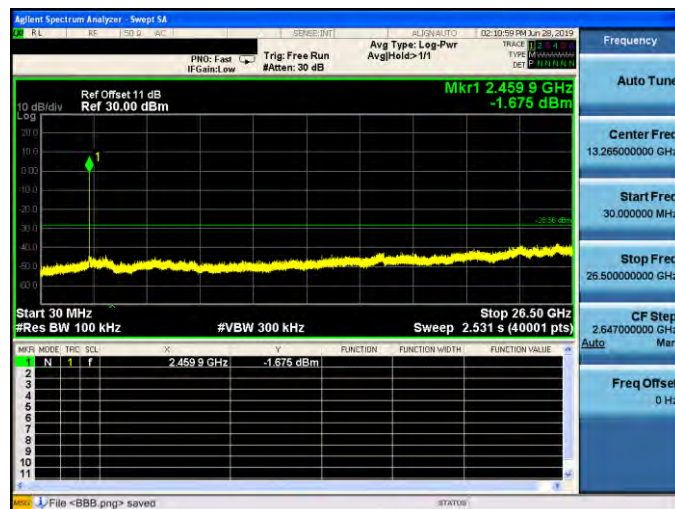
2412 MHz



2437 MHz



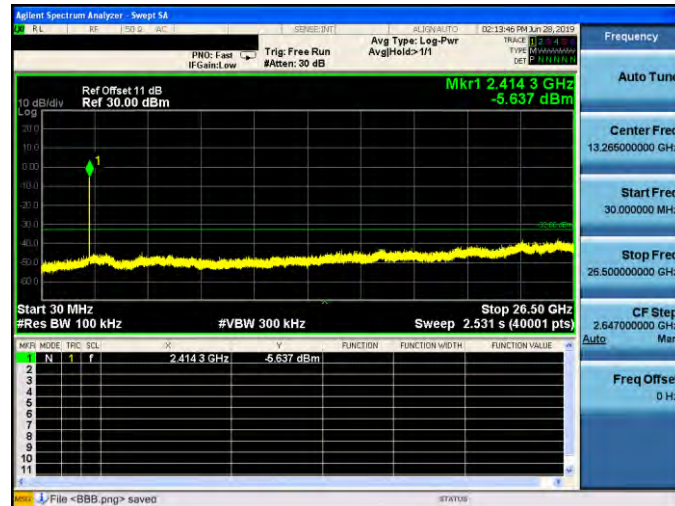
2462 MHz



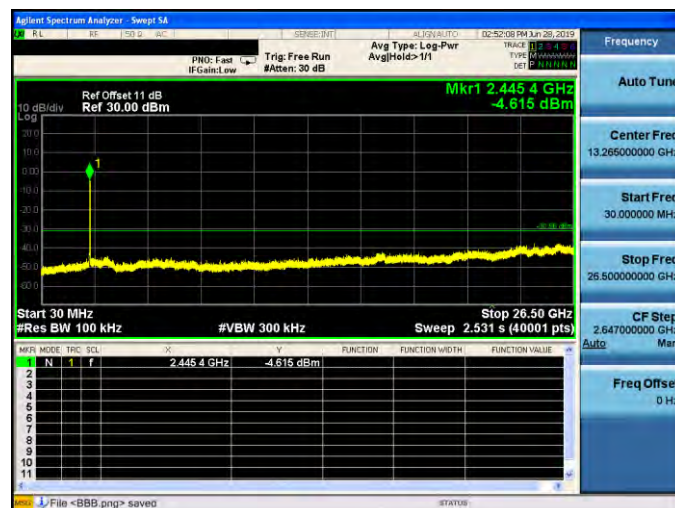


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-0

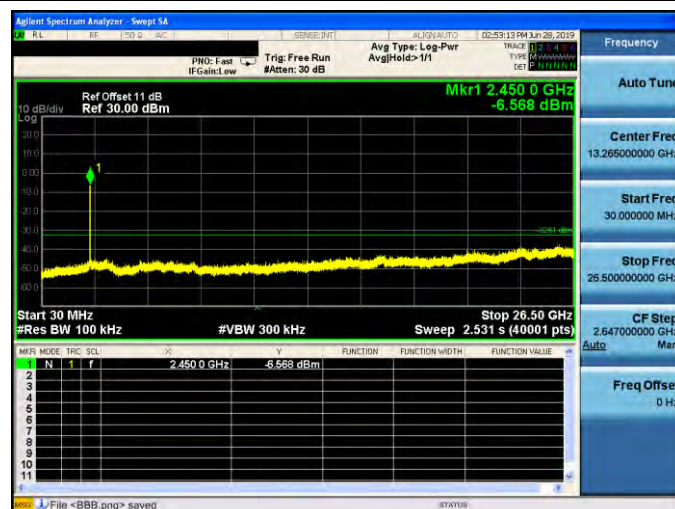
2422 MHz



2437 MHz



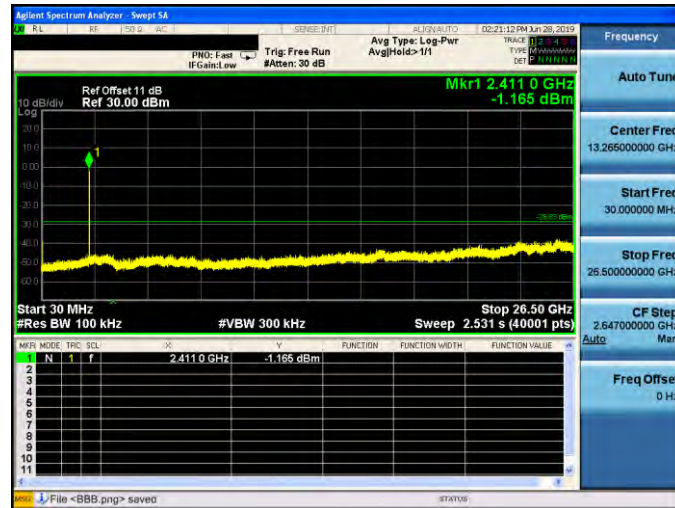
2452 MHz



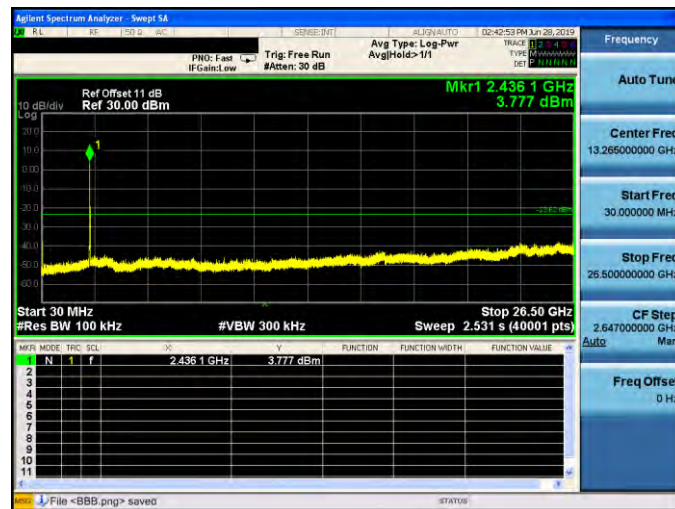


Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-1

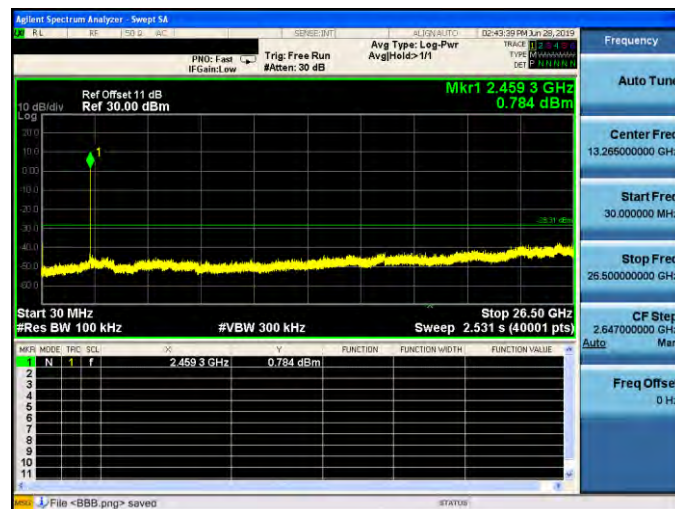
2412 MHz



2437 MHz



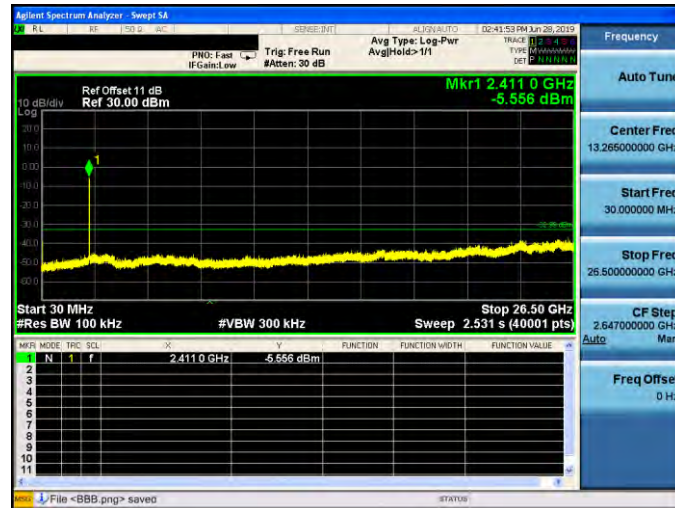
2462 MHz



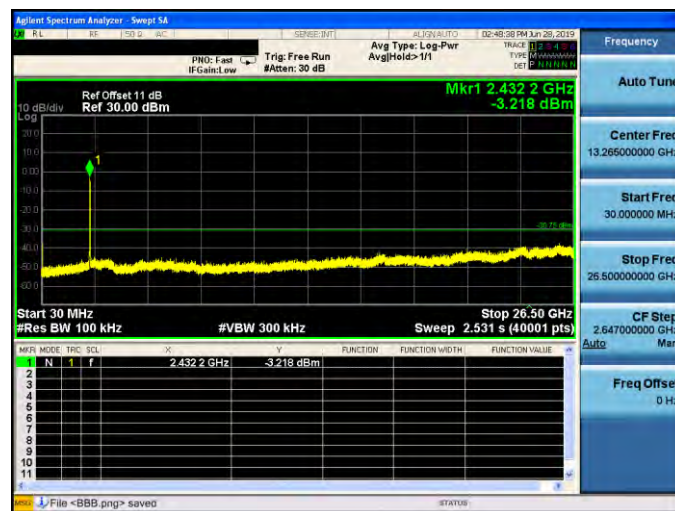


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-1

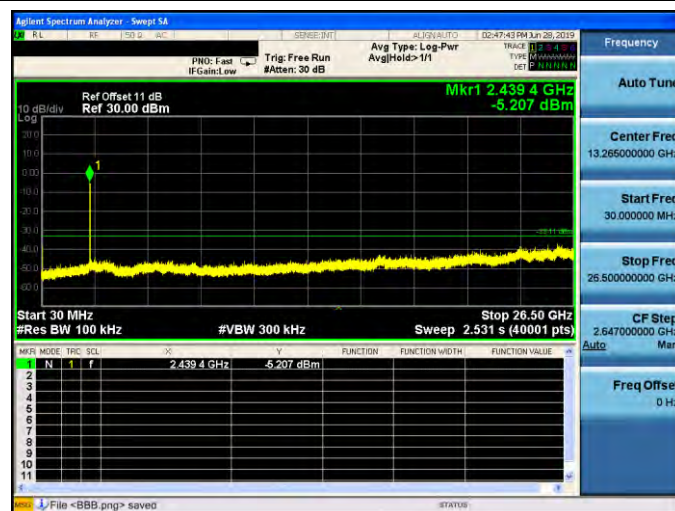
2422 MHz



2437 MHz



2452 MHz

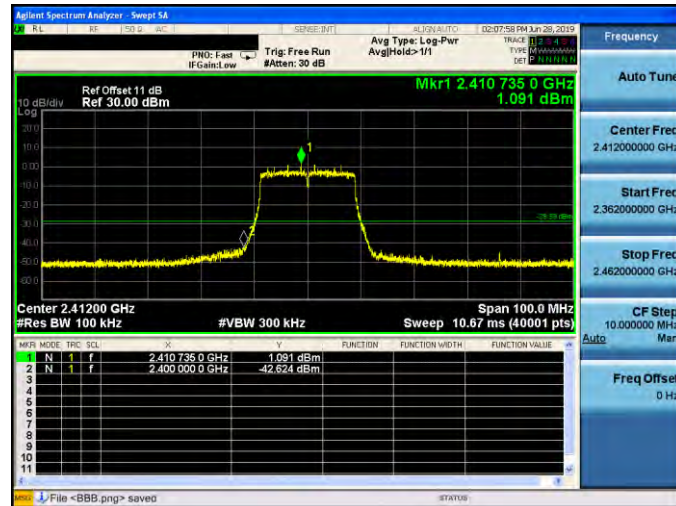




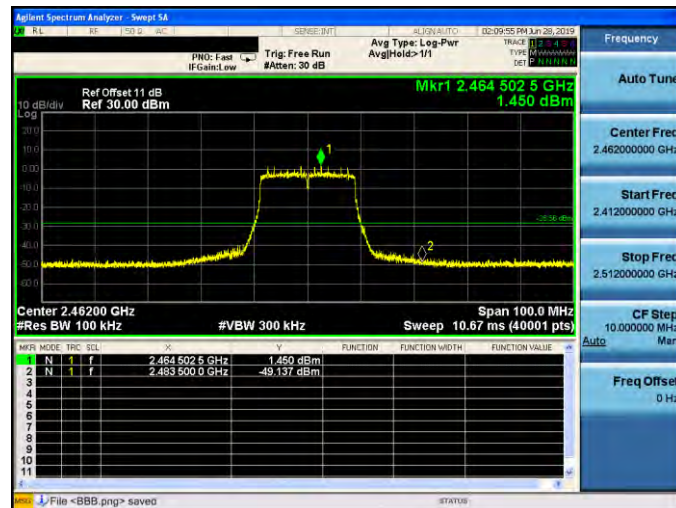
Conducted Band Edge

Mode 6: IEEE 802.11n 2.4 GHz 20 MHz (256QAM) Continuous TX mode_ANT-0

2412 MHz



2462 MHz





Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-0	
2422 MHz	
2452 MHz	

2412 MHz

Agilent Spectrum Analyzer - Swept SA

Ref Offset 11 dB
Ref 30.00 dBm

Mkr3 2.398 855 0 GHz
-40.327 dBm

Center 2.41200 GHz
#Res BW 100 kHz #VBW 300 kHz Sweep 10.67 ms (40001 pts)

MARKER	MODE	TRIG	SCL	F	V	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.416 982 6 GHz	1.373 dBm			
2	N	1	f	2.400 000 0 GHz	-43.359 dBm			
3	N	1	f	2.398 855 0 GHz	-40.327 dBm			

File <BBB.png> saved

2462 MHz

Agilent Spectrum Analyzer - Swept SA

Ref Offset 11 dB
Ref 30.00 dBm

Mkr1 2.463 275 0 GHz
1.623 dBm

Center 2.46200 GHz
#Res BW 100 kHz #VBW 300 kHz Sweep 10.67 ms (40001 pts)

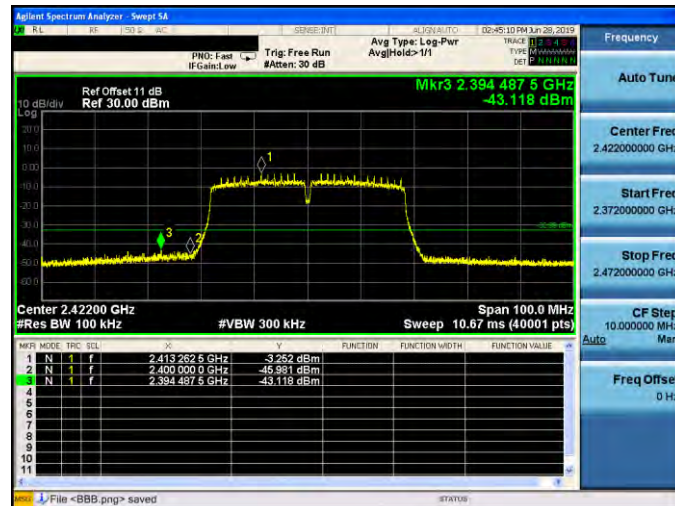
MARKER	MODE	TRIG	SCL	F	V	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.463 275 0 GHz	1.623 dBm			
2	N	1	f	2.463 600 0 GHz	-46.565 dBm			
3	N	1	f					

File <BBB.png> saved

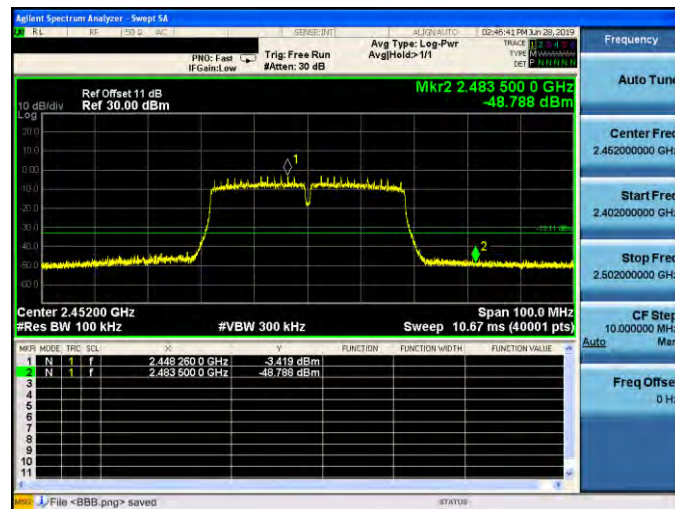


Mode 7: IEEE 802.11n 2.4 GHz 40 MHz (256QAM) Continuous TX mode_ANT-1

2422 MHz



2452 MHz



Annex C. Radiated Emission Measurement

Harmonic

Below 1 GHz

Standard:		FCC Part 15.247		Test Distance:		3 m	
Test item:		Harmonic		Power:		AC 120 V/60 Hz	
Frequency:		2412 MHz		Temp.(°C)/Hum.(%RH):		26(°C)/60 %RH	
Mode:		Mode 2					
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
35.8200	33.49	-7.48	26.01	40.00	-13.99	QP	H
105.6600	40.11	-10.15	29.96	43.50	-13.54	QP	H
203.6300	31.19	-7.89	23.30	43.50	-20.20	QP	H
284.1400	29.97	-4.56	25.41	46.00	-20.59	QP	H
370.4700	28.28	-2.82	25.46	46.00	-20.54	QP	H
443.2200	29.03	-1.12	27.91	46.00	-18.09	QP	H
40.6700	40.50	-6.88	33.62	40.00	-6.38	QP	V
93.0500	41.86	-11.94	29.92	43.50	-13.58	QP	V
130.8800	35.33	-7.39	27.94	43.50	-15.56	QP	V
204.6000	34.75	-7.89	26.86	43.50	-16.64	QP	V
308.3900	30.49	-3.90	26.59	46.00	-19.41	QP	V
491.7200	31.95	-0.44	31.51	46.00	-14.49	QP	V

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

Example: 26.01 = -7.48 + 33.49.

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.



Beamforming on

Standard:	FCC Part 15.247			Test Distance:	3 m		
Test item:	Harmonic			Power:	AC 120 V/60 Hz		
Frequency:	2412 MHz			Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH		
Mode:	Mode 2						
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
48.4300	29.40	-6.40	23.00	40.00	-17.00	QP	H
104.6900	39.86	-10.32	29.54	43.50	-13.96	QP	H
209.4500	30.31	-7.87	22.44	43.50	-21.06	QP	H
268.6200	29.21	-5.32	23.89	46.00	-22.11	QP	H
388.9000	28.45	-2.47	25.98	46.00	-20.02	QP	H
492.6900	29.31	-0.42	28.89	46.00	-17.11	QP	H
37.7600	41.54	-7.21	34.33	40.00	-5.67	QP	V
93.0500	41.92	-11.94	29.98	43.50	-13.52	QP	V
134.7600	35.11	-6.98	28.13	43.50	-15.37	QP	V
304.5100	31.23	-3.96	27.27	46.00	-18.73	QP	V
464.5600	29.26	-0.78	28.48	46.00	-17.52	QP	V
554.7700	29.58	0.69	30.27	46.00	-15.73	QP	V

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

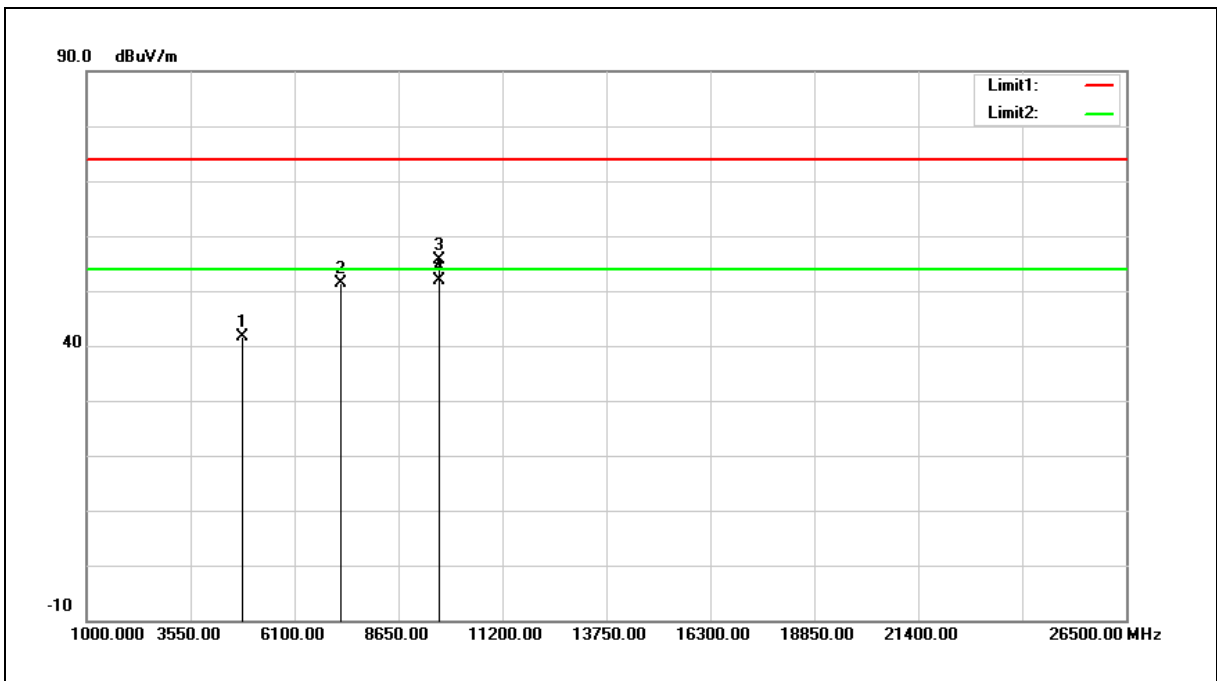
Example: 23.00 = -6.40 + 29.40.

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	35.95	5.57	41.52	74.00	-32.48	peak
2	7236.000	39.29	11.98	51.27	74.00	-22.73	peak
3	9648.000	40.80	14.90	55.70	74.00	-18.30	peak
4	9648.000	37.09	14.90	51.99	54.00	-2.01	AVG

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

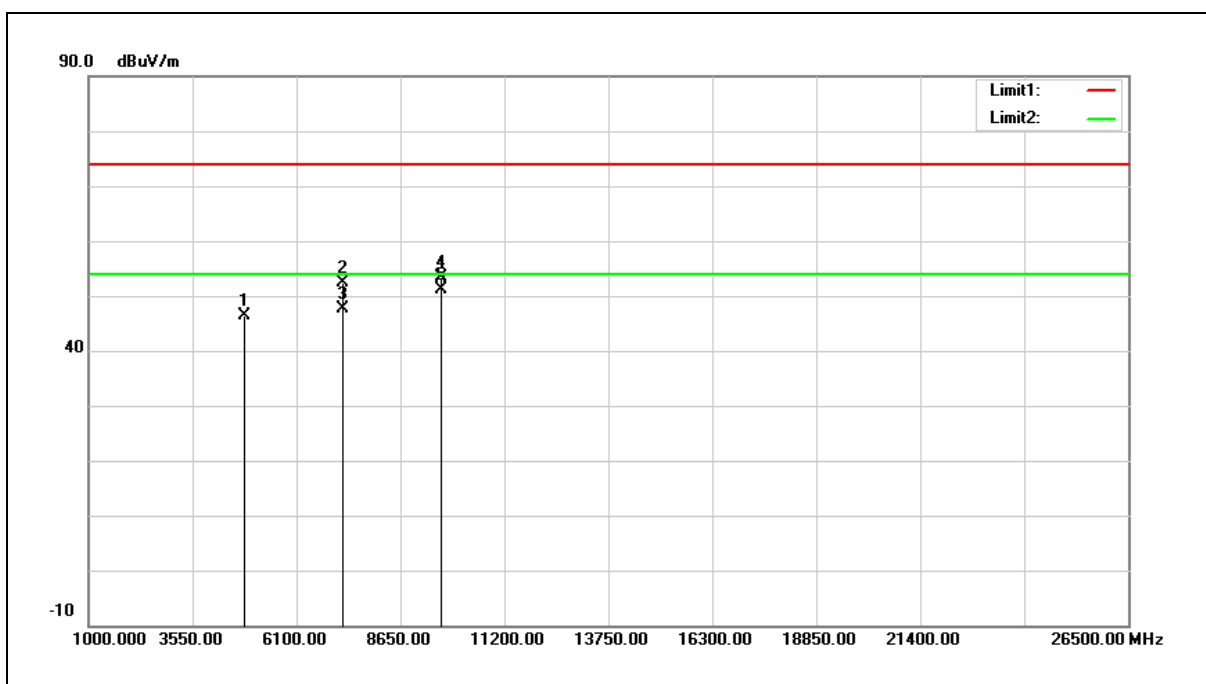
Example: 41.52 = 5.57 + 35.95.

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.(°C)/Hum.(%RH):	26(°C)/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	40.70	5.57	46.27	74.00	-27.73	peak
2	7236.000	40.48	11.98	52.46	74.00	-21.54	peak
3	7236.000	35.74	11.98	47.72	54.00	-6.28	AVG
4	9648.000	38.51	14.90	53.41	74.00	-20.59	peak
5	9648.000	36.26	14.90	51.16	54.00	-2.84	AVG

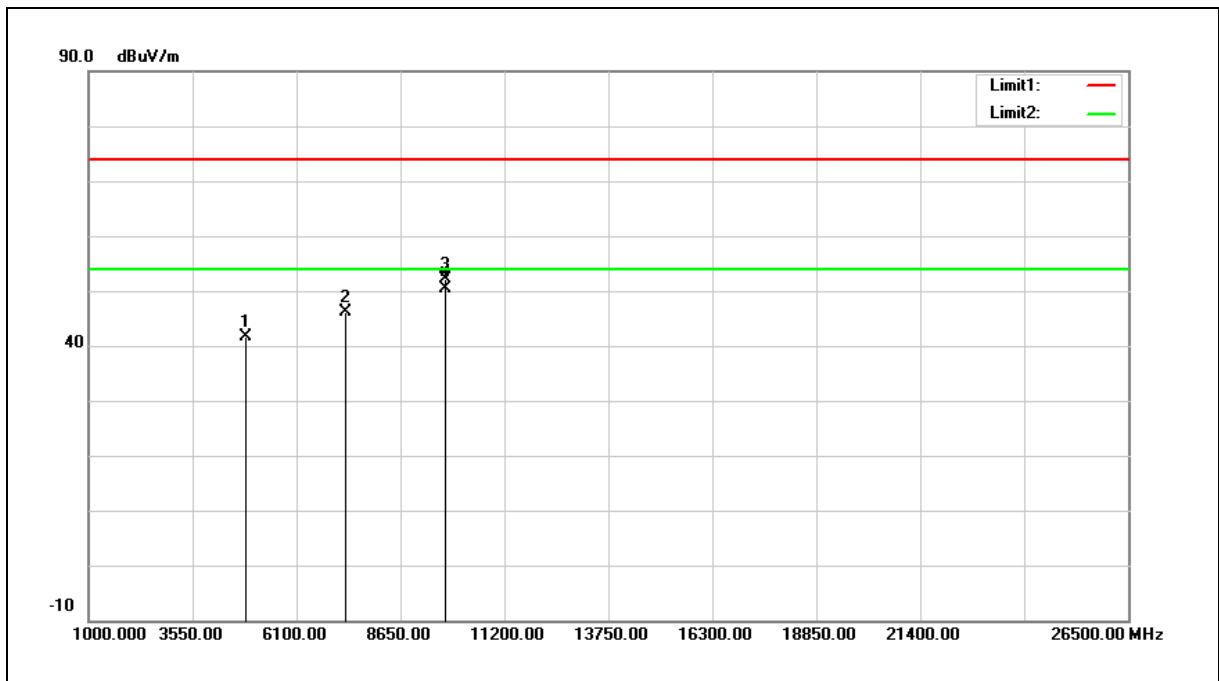
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 46.27 = 5.57 + 40.70.

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.(°C)/Hum. (%RH):	26(°C)/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	36.01	5.67	41.68	74.00	-32.32	peak
2	7311.000	34.06	12.15	46.21	74.00	-27.79	peak
3	9748.000	37.01	15.10	52.11	74.00	-21.89	peak
4	9748.000	35.17	15.10	50.27	54.00	-3.73	AVG

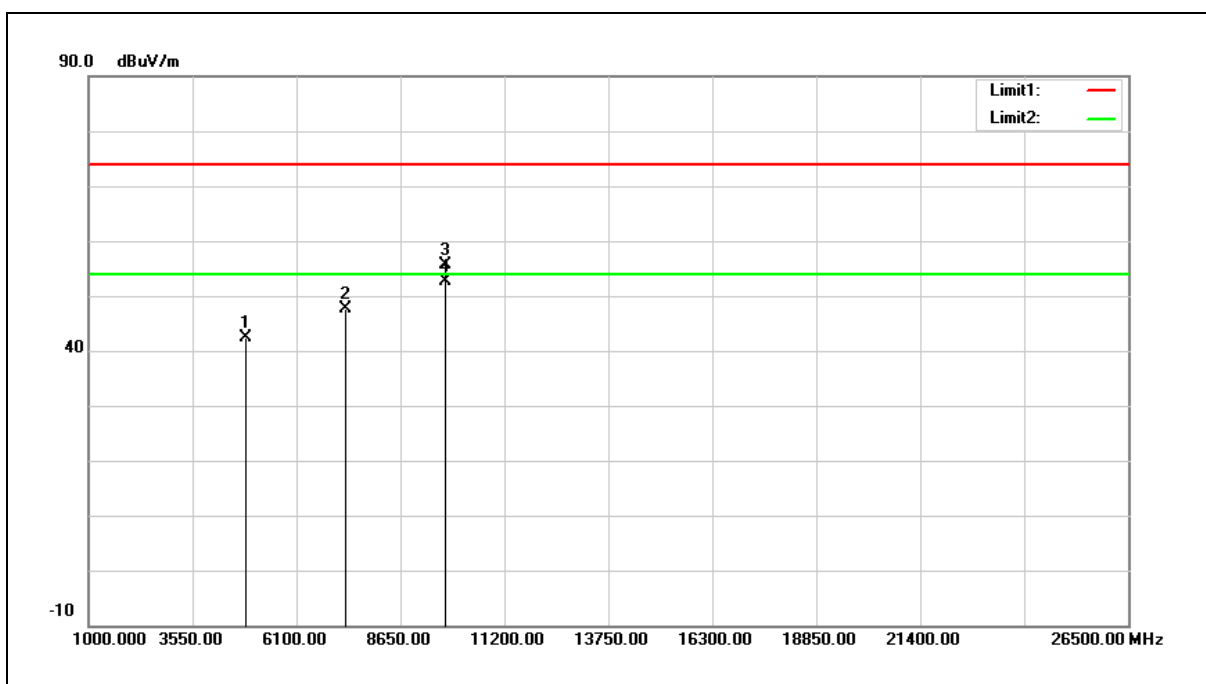
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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



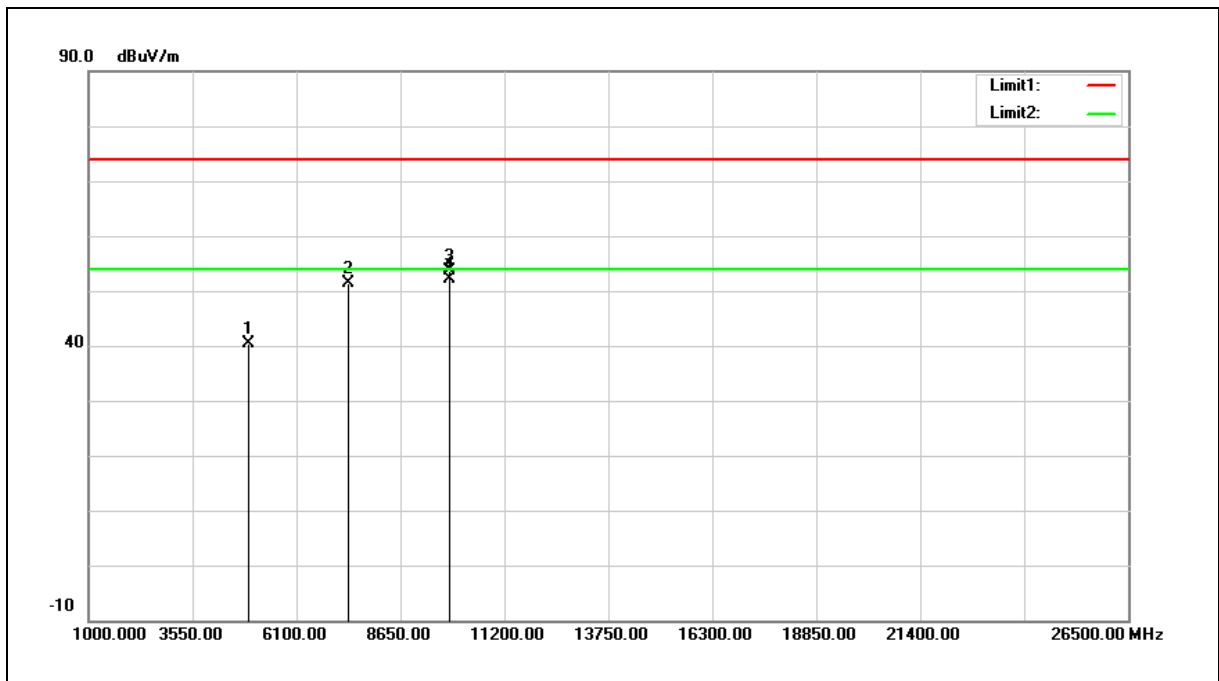
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.81	5.67	42.48	74.00	-31.52	peak
2	7311.000	35.44	12.15	47.59	74.00	-26.41	peak
3	9748.000	40.57	15.10	55.67	74.00	-18.33	peak
4	9748.000	37.49	15.10	52.59	54.00	-1.41	AVG

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:	2462 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



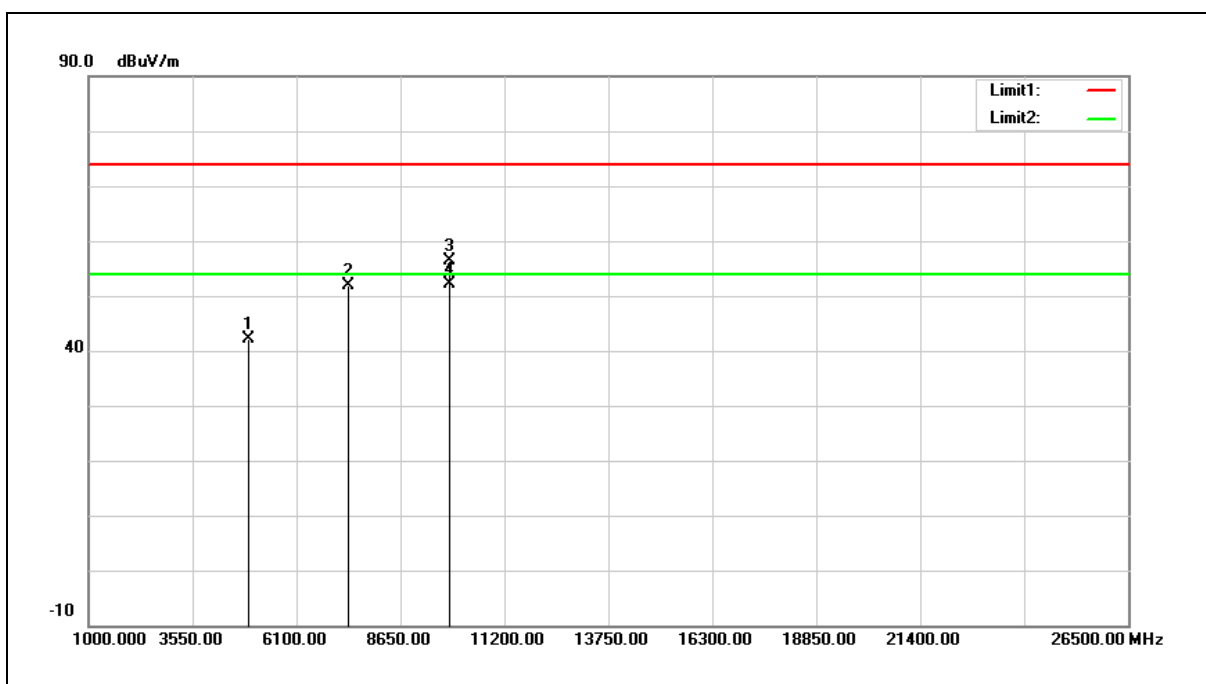
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.58	5.77	40.35	74.00	-33.65	peak
2	7386.000	39.15	12.33	51.48	74.00	-22.52	peak
3	9848.000	38.30	15.30	53.60	74.00	-20.40	peak
4	9848.000	36.89	15.30	52.19	54.00	-1.81	AVG

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/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	36.41	5.77	42.18	74.00	-31.82	peak
2	7386.000	39.59	12.33	51.92	74.00	-22.08	peak
3	9848.000	41.04	15.30	56.34	74.00	-17.66	peak
4	9848.000	36.83	15.30	52.13	54.00	-1.87	AVG

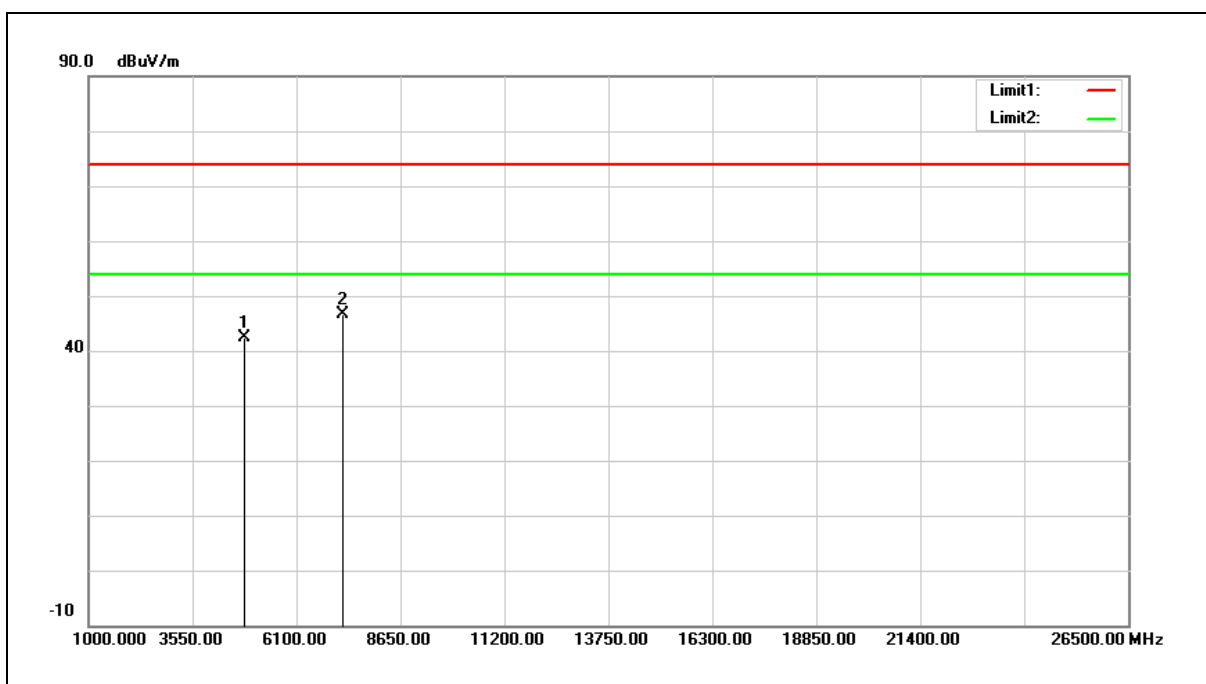
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.83	5.57	42.40	74.00	-31.60	peak
2	7236.000	34.73	11.98	46.71	74.00	-27.29	peak

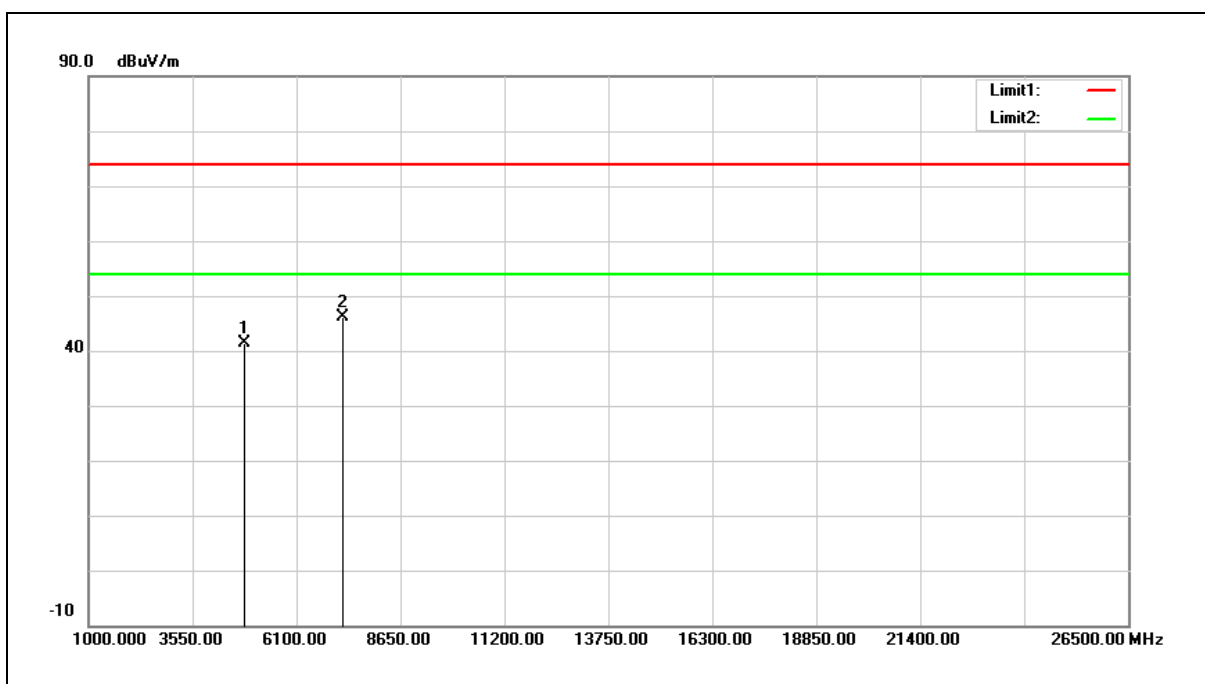
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.79	5.57	41.36	74.00	-32.64	peak
2	7236.000	34.18	11.98	46.16	74.00	-27.84	peak

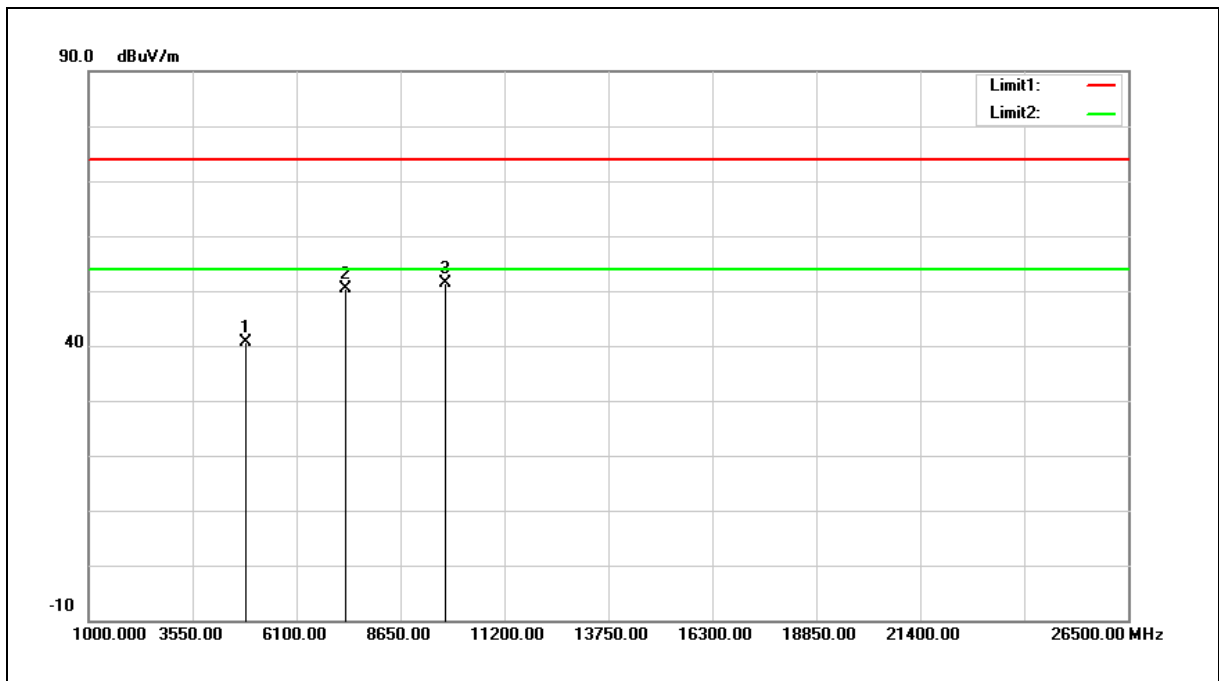
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.07	5.67	40.74	74.00	-33.26	peak
2	7311.000	38.19	12.15	50.34	74.00	-23.66	peak
3	9748.000	36.22	15.10	51.32	74.00	-22.68	peak

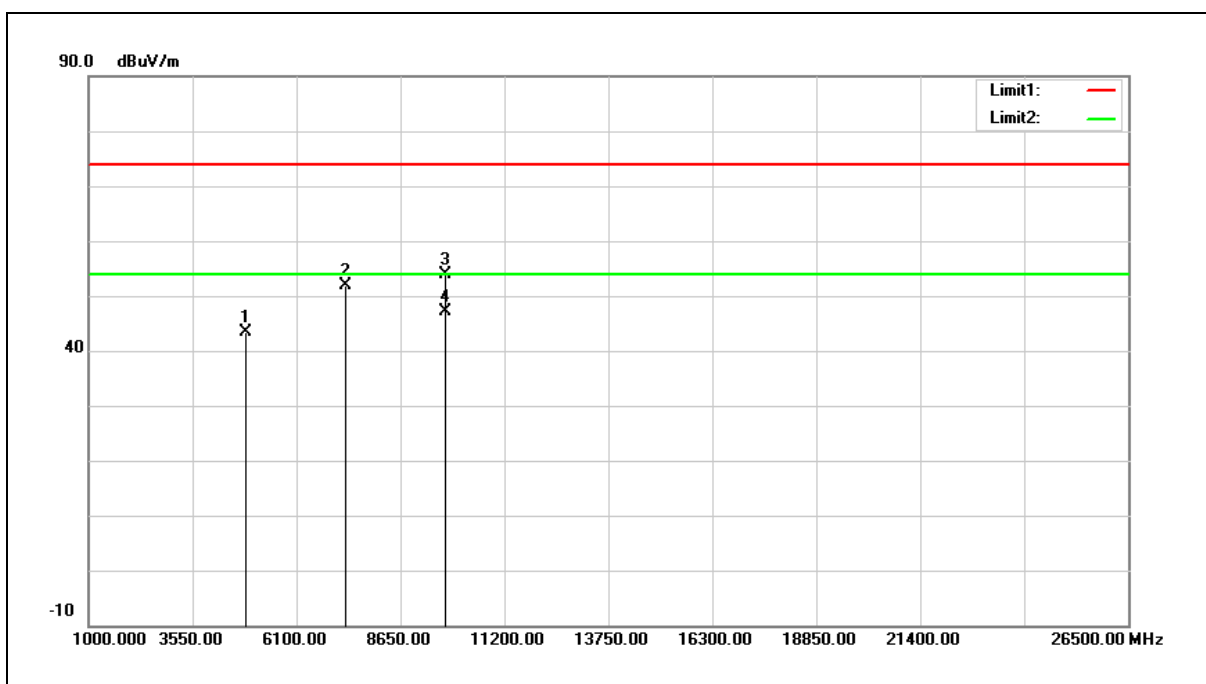
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.60	5.67	43.27	74.00	-30.73	peak
2	7311.000	39.73	12.15	51.88	74.00	-22.12	peak
3	9748.000	38.88	15.10	53.98	74.00	-20.02	peak
4	9748.000	32.06	15.10	47.16	54.00	-6.84	AVG

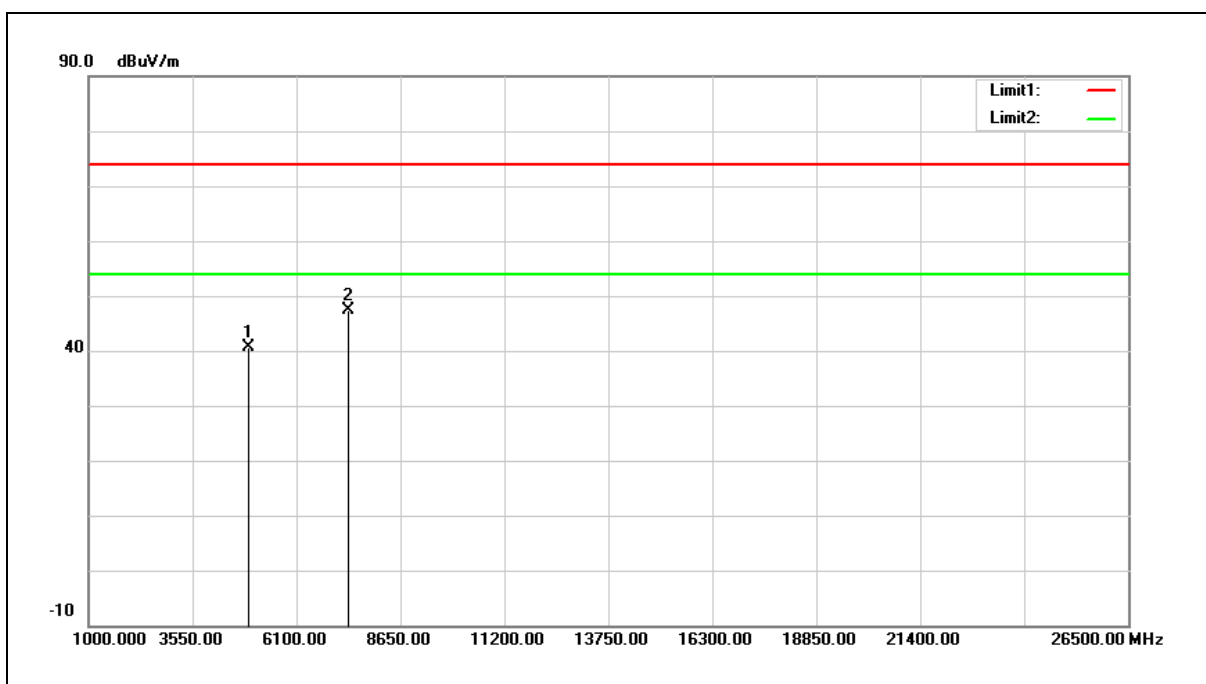
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2462 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.77	5.77	40.54	74.00	-33.46	peak
2	7386.000	35.01	12.33	47.34	74.00	-26.66	peak

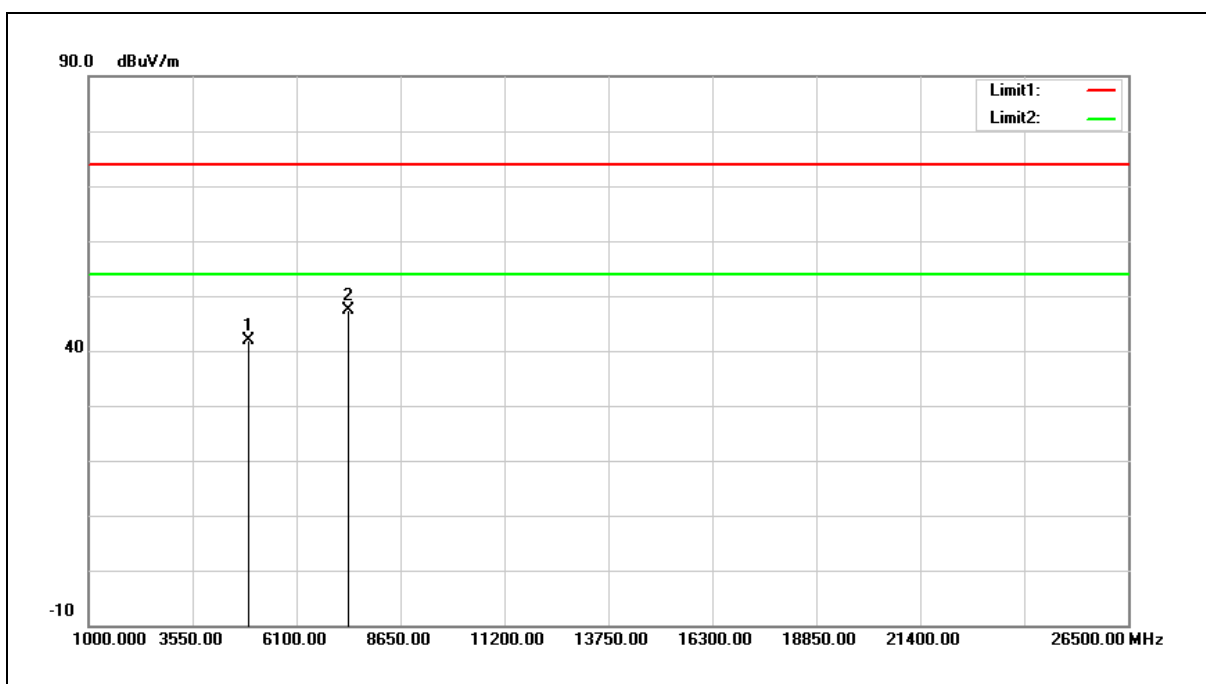
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

3.When the peak results are less than average limit, 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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.08	5.77	41.85	74.00	-32.15	peak
2	7386.000	35.13	12.33	47.46	74.00	-26.54	peak

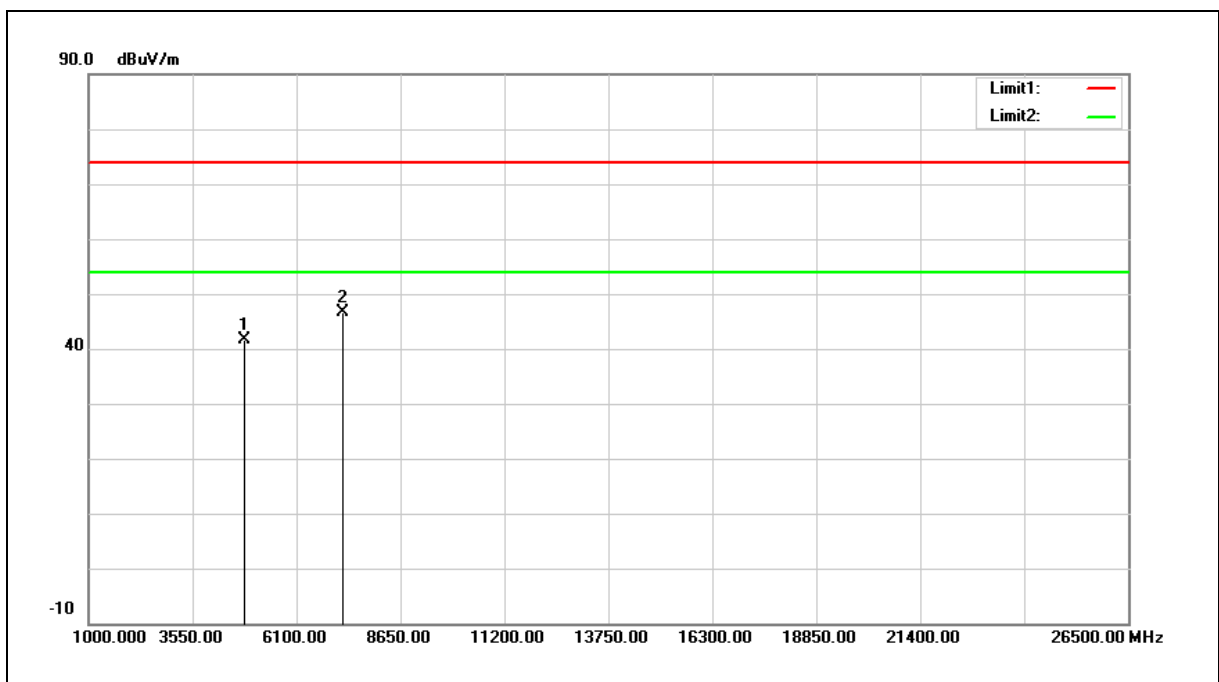
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.12	5.57	41.69	74.00	-32.31	peak
2	7236.000	34.66	11.98	46.64	74.00	-27.36	peak

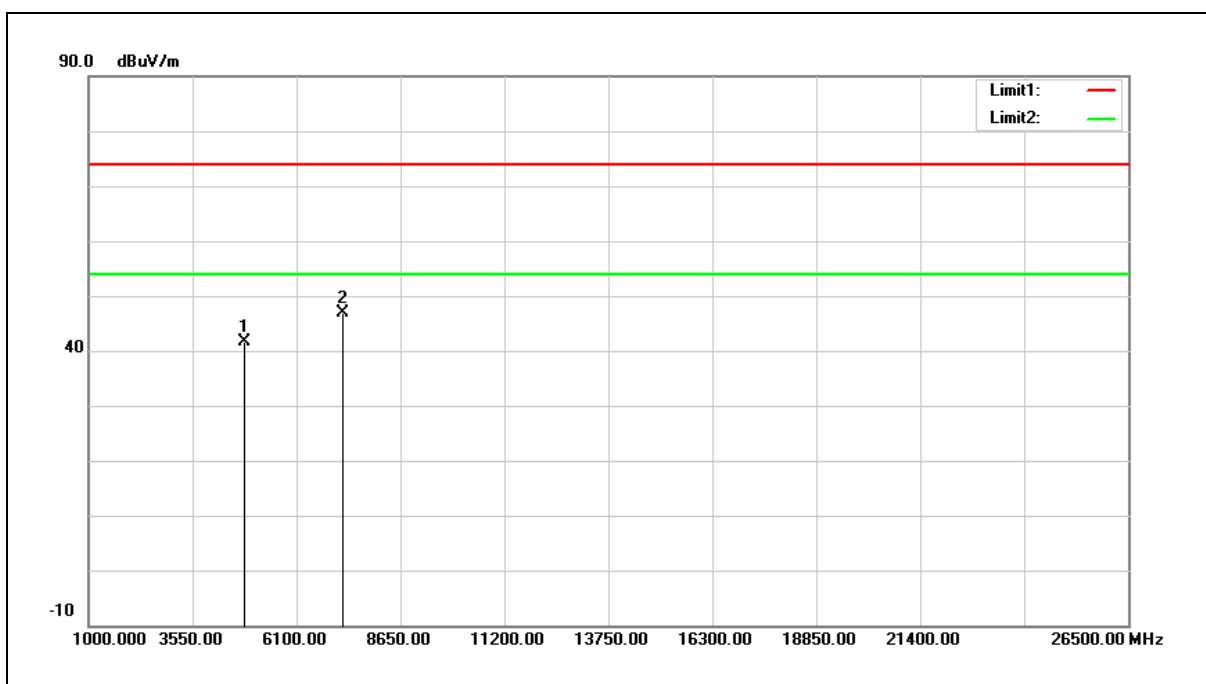
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.98	5.57	41.55	74.00	-32.45	peak
2	7236.000	34.93	11.98	46.91	74.00	-27.09	peak

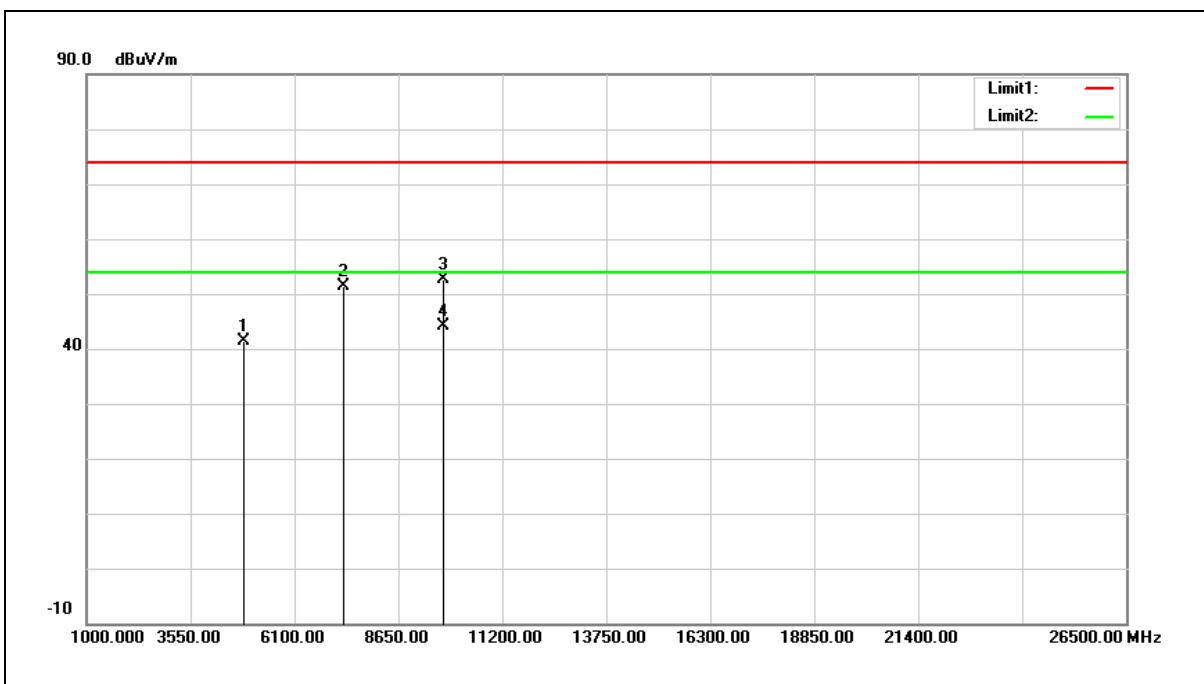
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.79	5.67	41.46	74.00	-32.54	peak
2	7311.000	39.12	12.15	51.27	74.00	-22.73	peak
3	9748.000	37.42	15.10	52.52	74.00	-21.48	peak
4	9748.000	29.10	15.10	44.20	54.00	-9.80	AVG

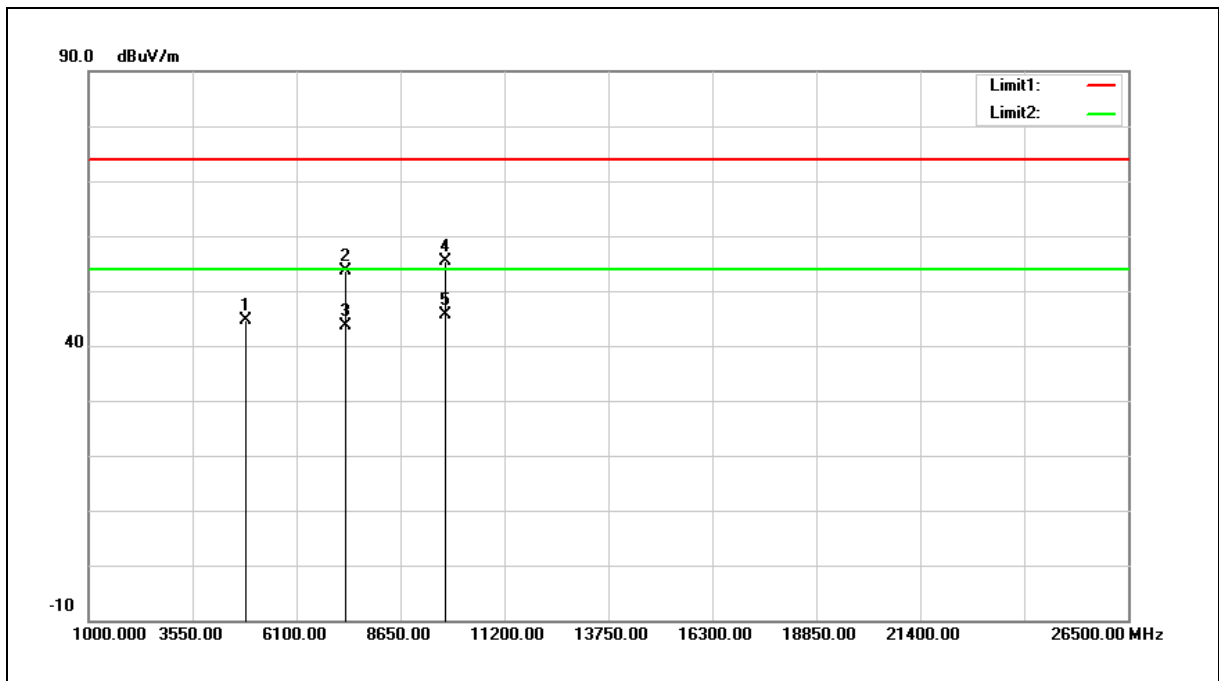
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	38.84	5.67	44.51	74.00	-29.49	peak
2	7311.000	41.52	12.15	53.67	74.00	-20.33	peak
3	7311.000	31.50	12.15	43.65	54.00	-10.35	AVG
4	9748.000	40.38	15.10	55.48	74.00	-18.52	peak
5	9748.000	30.65	15.10	45.75	54.00	-8.25	AVG

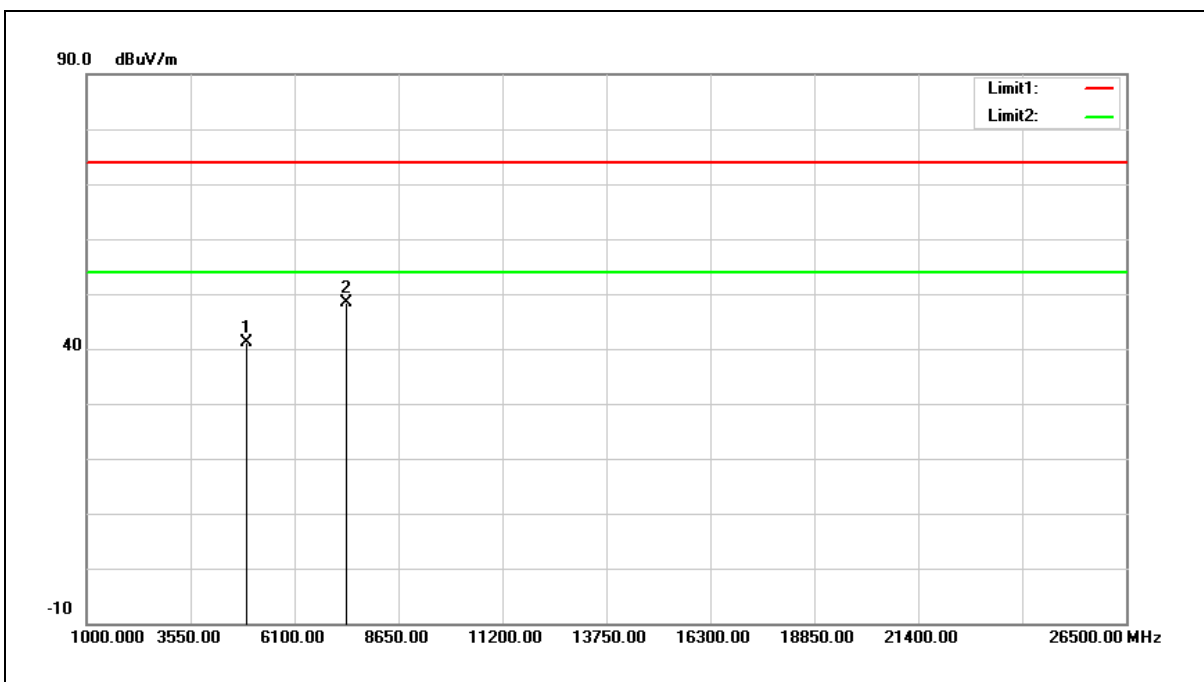
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.29	5.77	41.06	74.00	-32.94	peak
2	7386.000	36.04	12.33	48.37	74.00	-25.63	peak

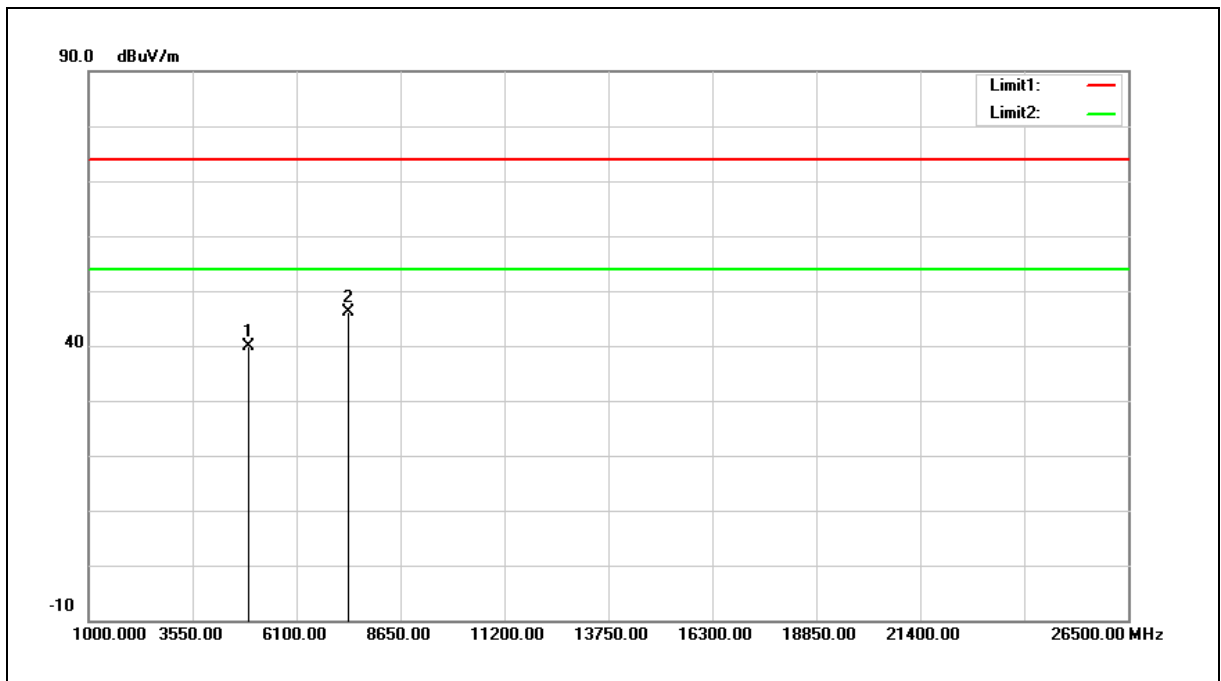
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.08	5.77	39.85	74.00	-34.15	peak
2	7386.000	33.77	12.33	46.10	74.00	-27.90	peak

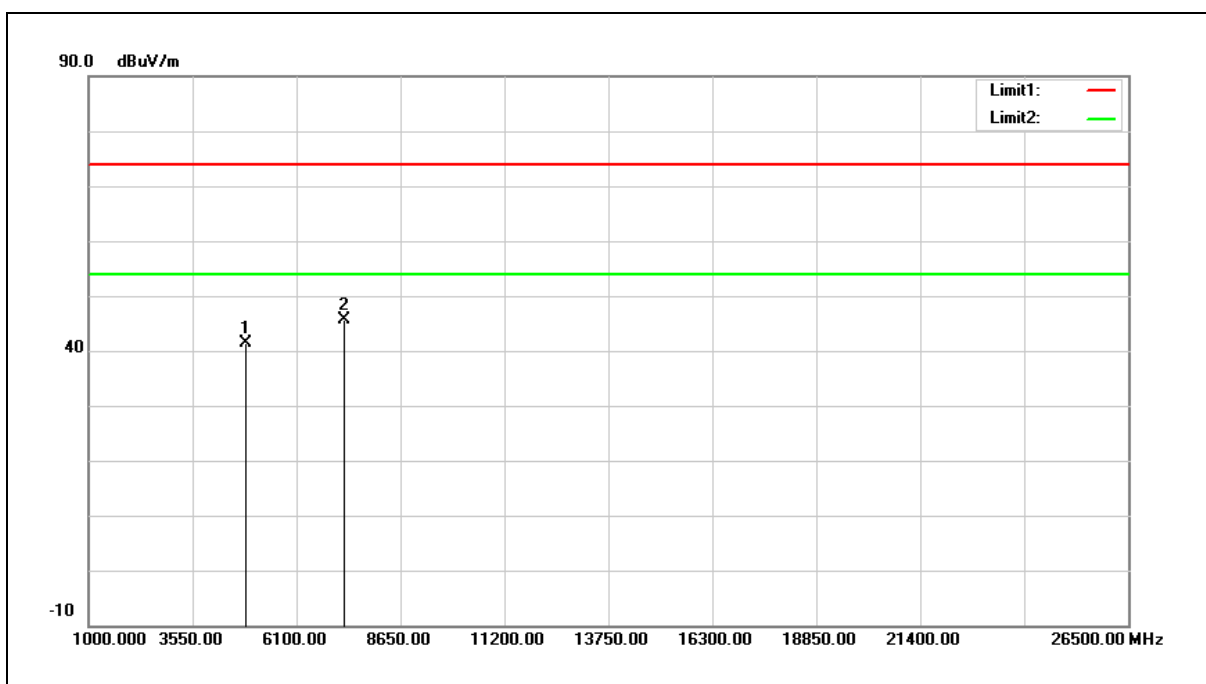
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2422 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	35.66	5.62	41.28	74.00	-32.72	peak
2	7266.000	33.61	12.04	45.65	74.00	-28.35	peak

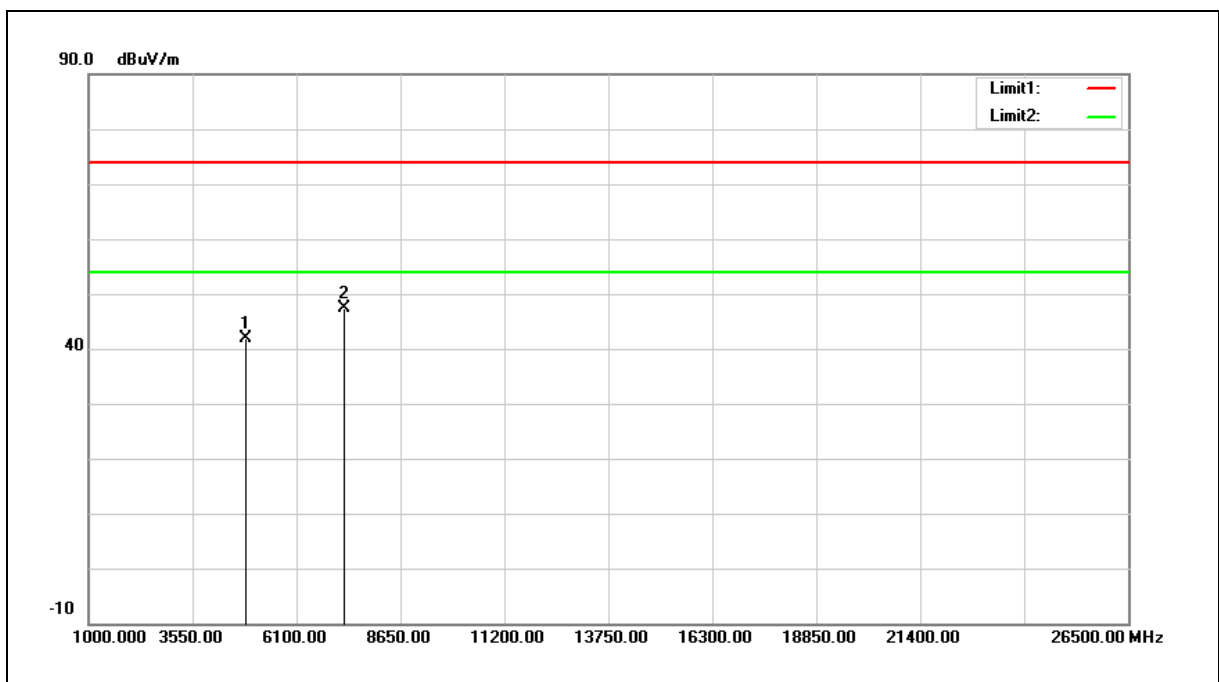
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	36.35	5.62	41.97	74.00	-32.03	peak
2	7266.000	35.30	12.04	47.34	74.00	-26.66	peak

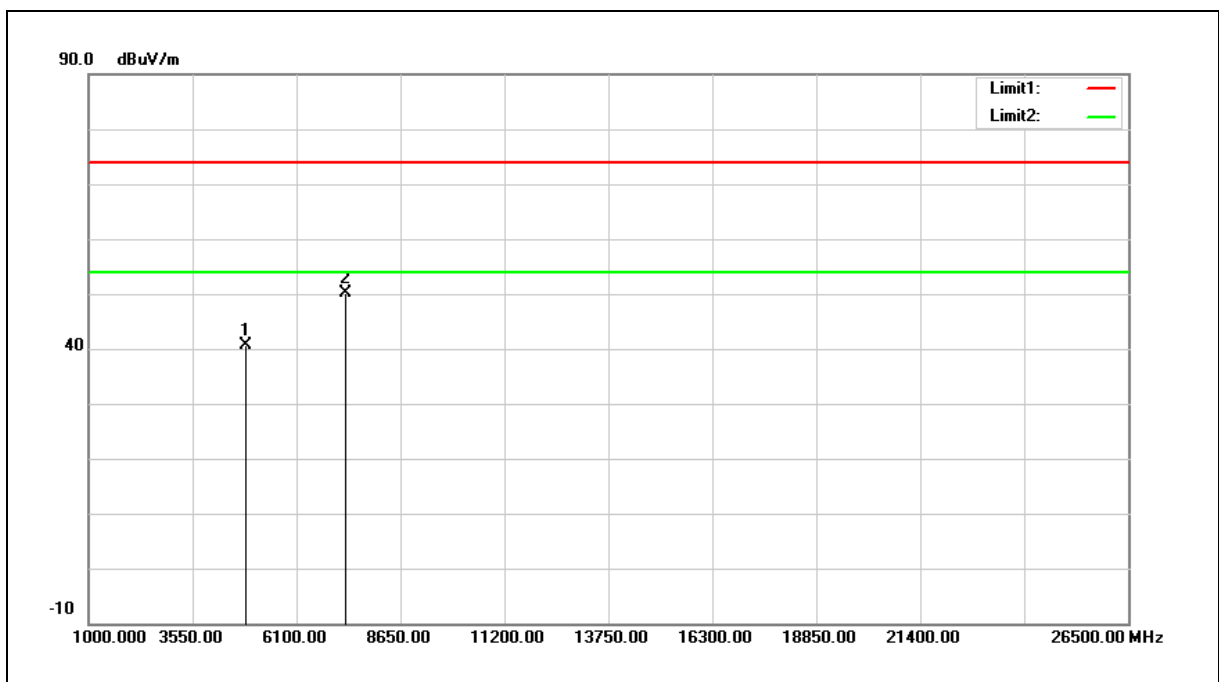
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

3.When the peak results are less than average limit, 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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.97	5.67	40.64	74.00	-33.36	peak
2	7311.000	37.87	12.15	50.02	74.00	-23.98	peak

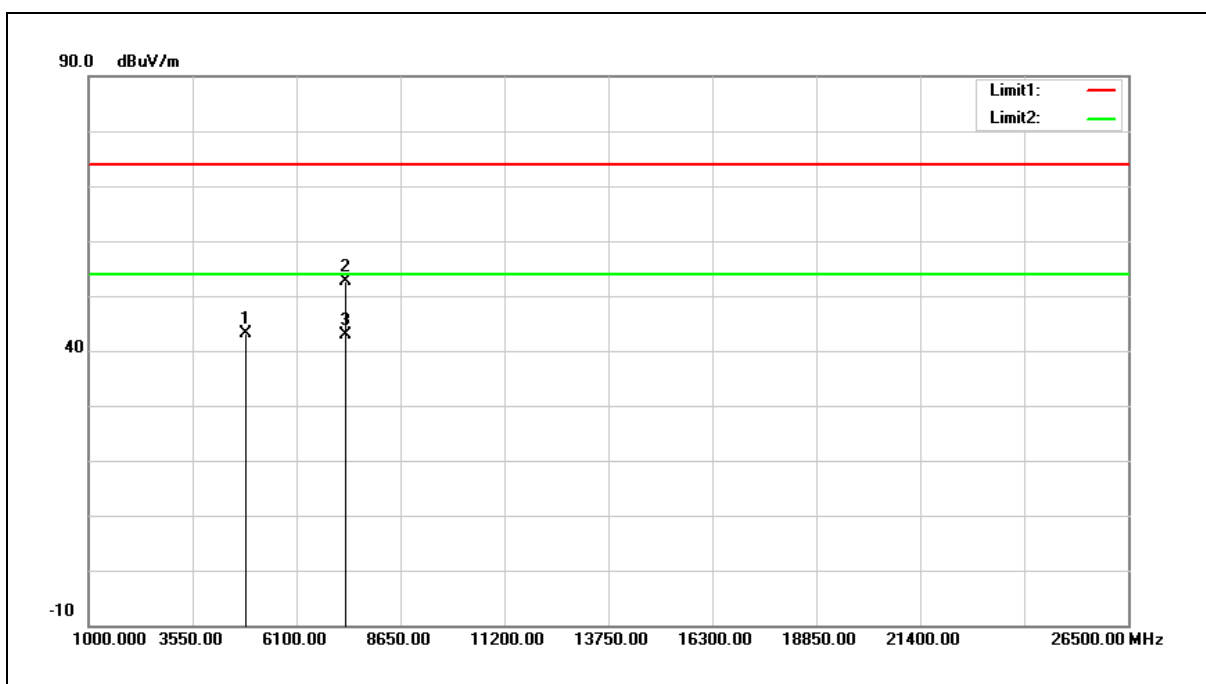
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.34	5.67	43.01	74.00	-30.99	peak
2	7311.000	40.38	12.15	52.53	74.00	-21.47	peak
3	7311.000	30.84	12.15	42.99	54.00	-11.01	AVG

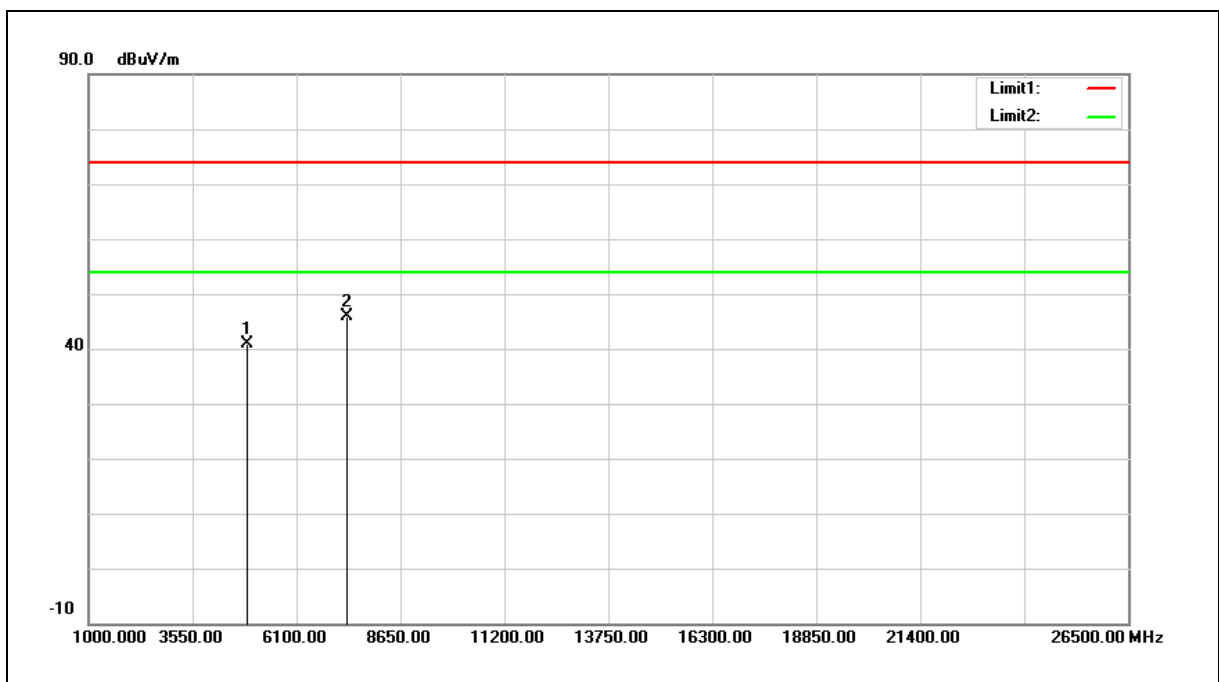
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	35.06	5.73	40.79	74.00	-33.21	peak
2	7356.000	33.62	12.25	45.87	74.00	-28.13	peak

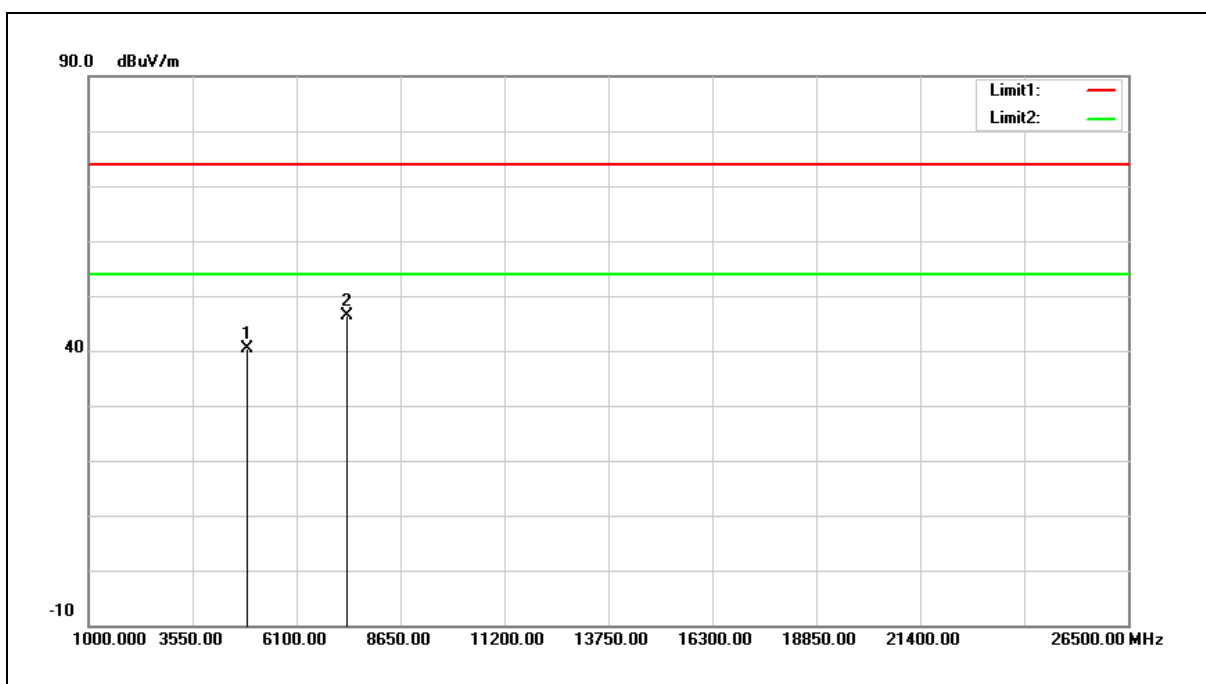
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



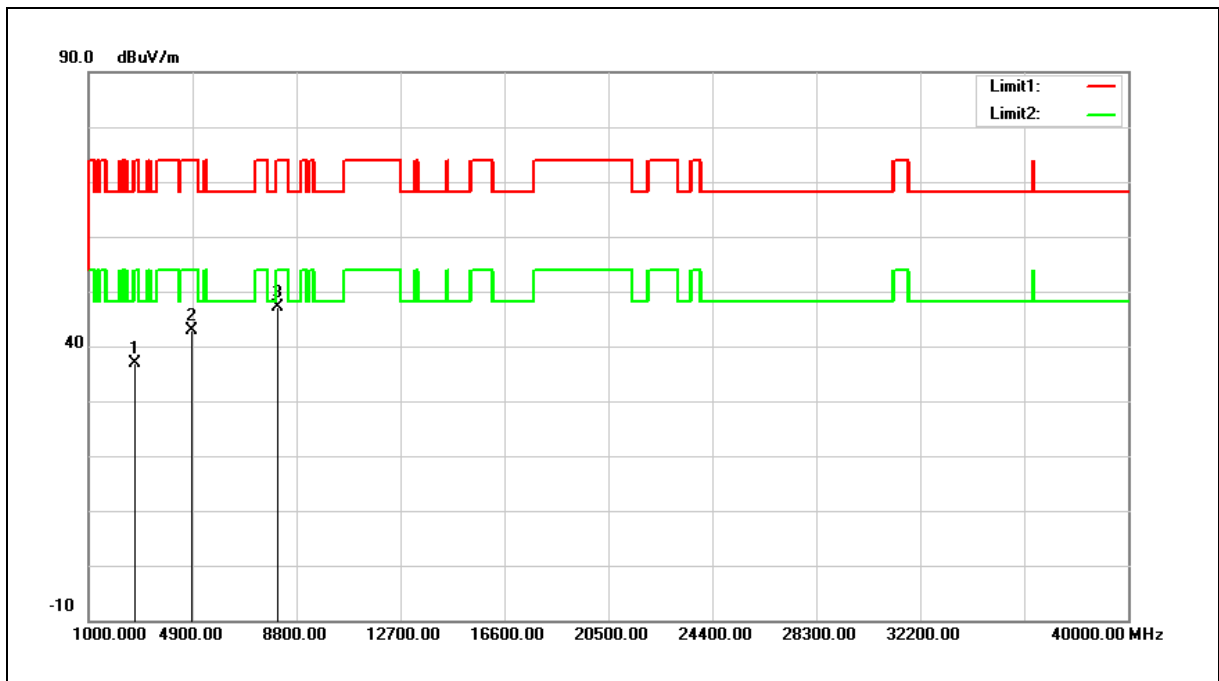
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	34.71	5.73	40.44	74.00	-33.56	peak
2	7356.000	34.08	12.25	46.33	74.00	-27.67	peak

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:	Transmitter Unwanted Emissions	Power:	AC 120 V/60 Hz
Frequency:	Simultaneous Transmitting	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	(WLAN 2.4 GHz + 5 GHz)		
Ant.Polar.:	Horizontal		



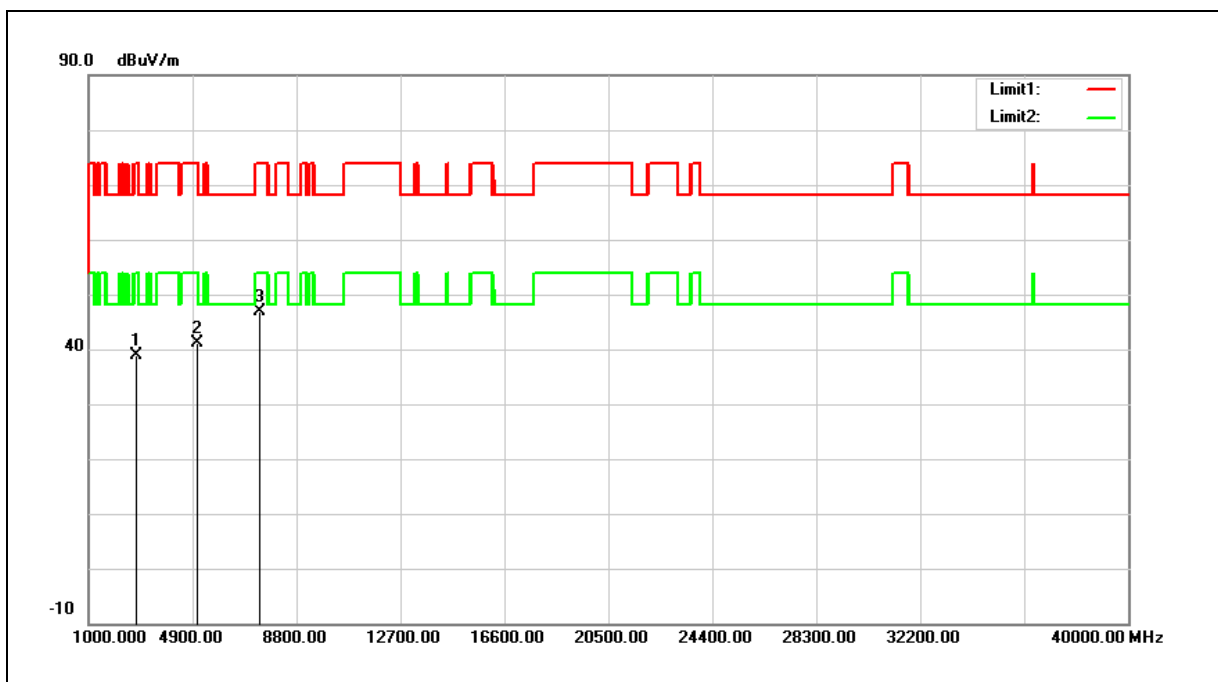
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	36.77	0.15	36.92	74.00	-37.08	peak
2	4825.000	37.38	5.57	42.95	74.00	-31.05	peak
3	8106.000	33.08	14.04	47.12	74.00	-26.88	peak

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:	Transmitter Unwanted Emissions	Power:	AC 120 V/60 Hz
Frequency:	Simultaneous Transmitting	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	(WLAN 2.4 GHz + 5 GHz)		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	38.55	0.31	38.86	74.00	-35.14	peak
2	5063.000	35.03	6.06	41.09	74.00	-32.91	peak
3	7426.000	34.45	12.42	46.87	74.00	-27.13	peak

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

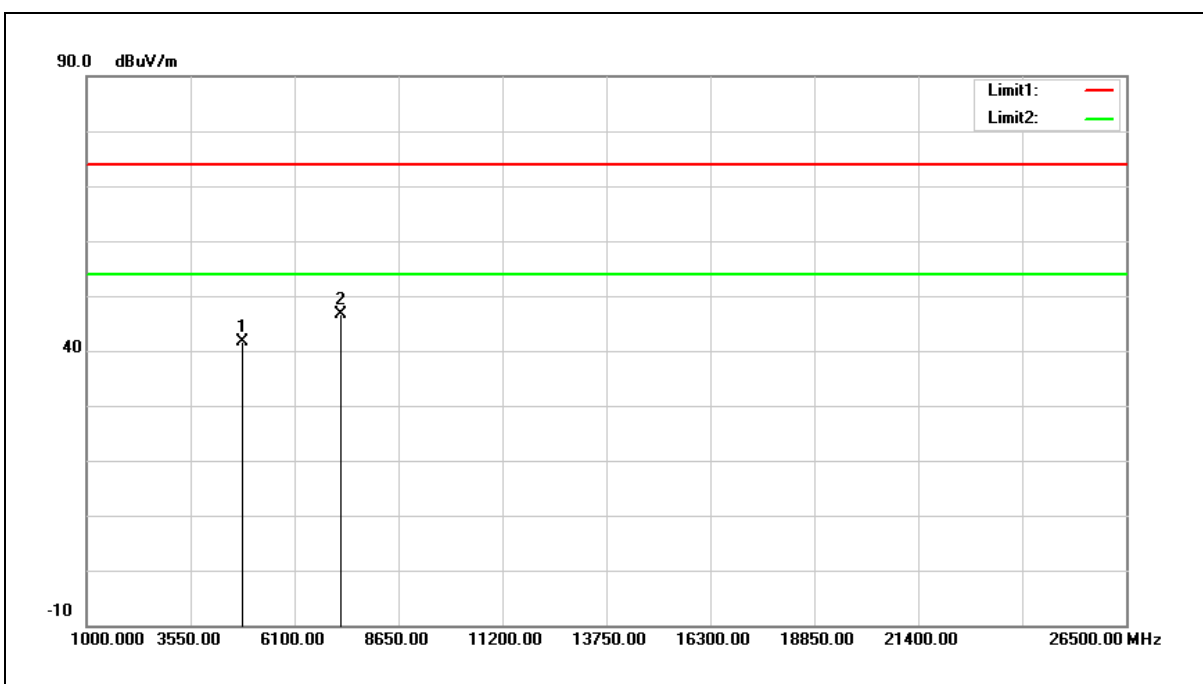
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Beamforming on

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.08	5.57	41.65	74.00	-32.35	peak
2	7236.000	34.62	11.98	46.60	74.00	-27.40	peak

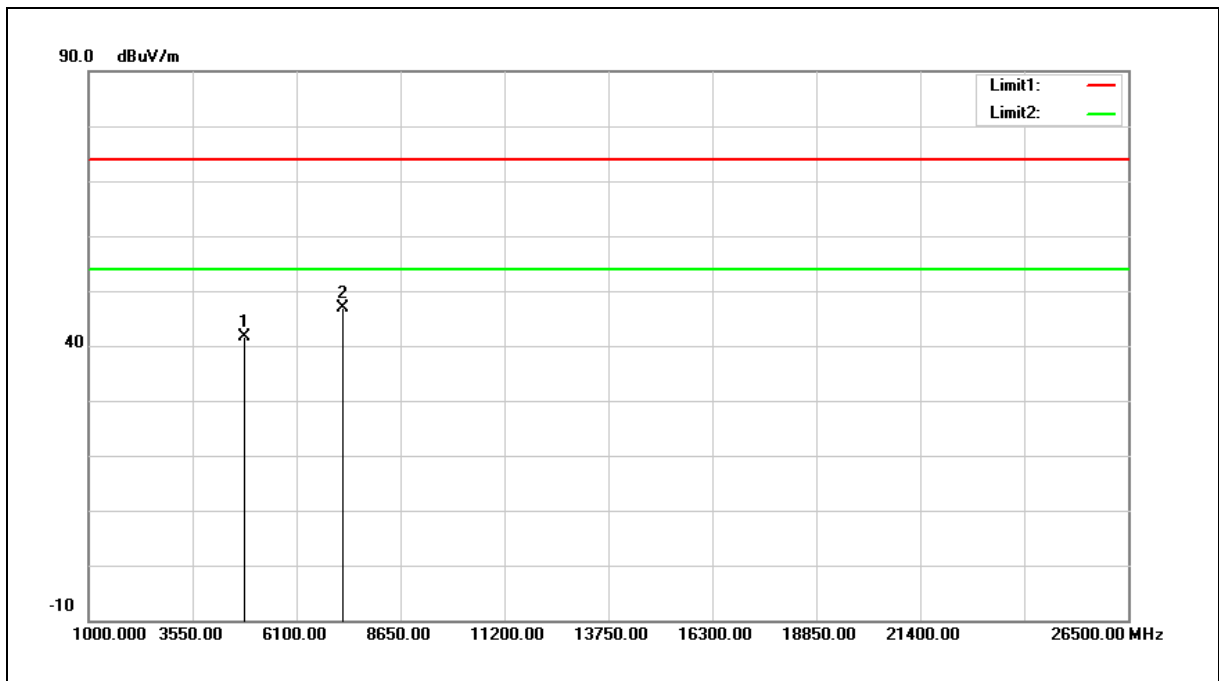
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



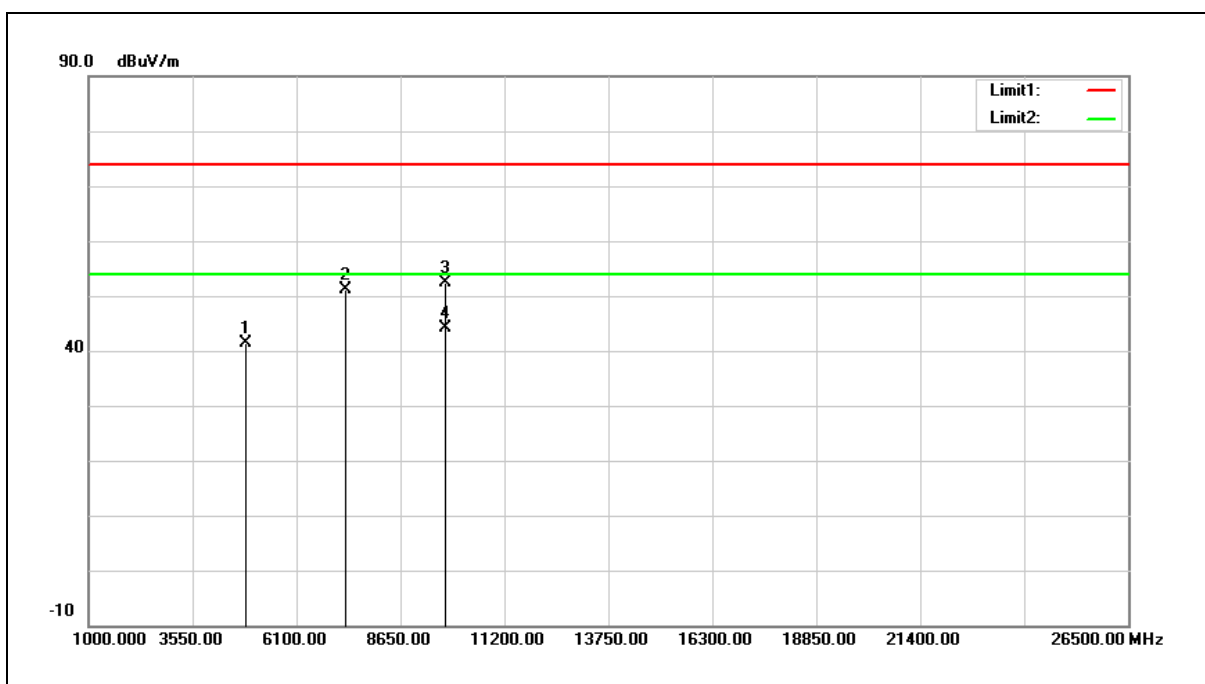
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.96	5.57	41.53	74.00	-32.47	peak
2	7236.000	34.90	11.98	46.88	74.00	-27.12	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.74	5.67	41.41	74.00	-32.59	peak
2	7311.000	39.07	12.15	51.22	74.00	-22.78	peak
3	9748.000	37.33	15.10	52.43	74.00	-21.57	peak
4	9748.000	29.01	15.10	44.11	54.00	-9.89	AVG

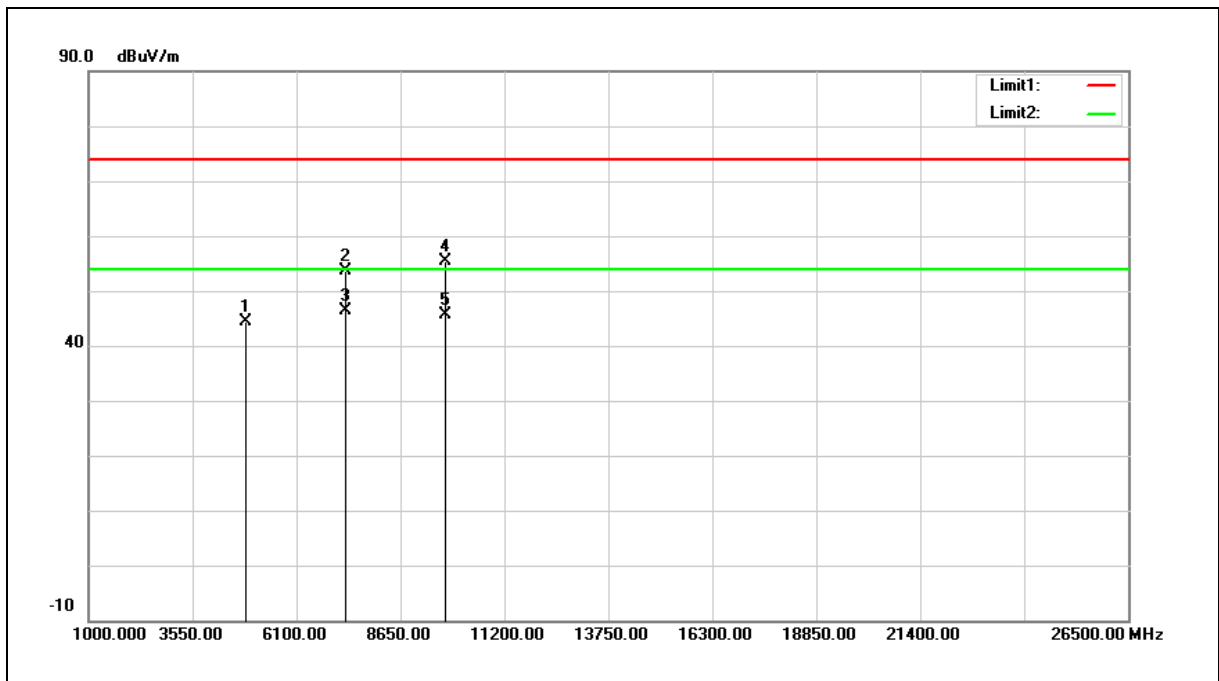
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



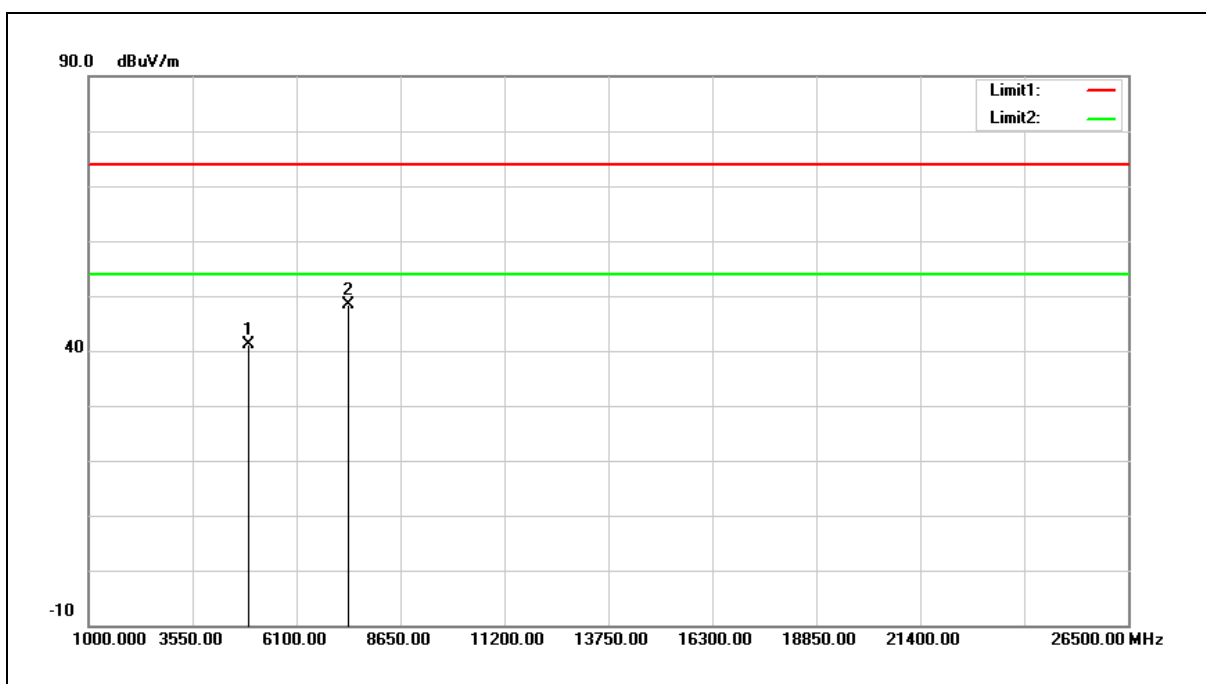
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	38.80	5.67	44.47	74.00	-29.53	peak
2	7311.000	41.47	12.15	53.62	74.00	-20.38	peak
3	7311.000	34.32	12.15	46.47	54.00	-7.53	AVG
4	9748.000	40.31	15.10	55.41	74.00	-18.59	peak
5	9748.000	30.50	15.10	45.60	54.00	-8.40	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:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.24	5.77	41.01	74.00	-32.99	peak
2	7386.000	35.95	12.33	48.28	74.00	-25.72	peak

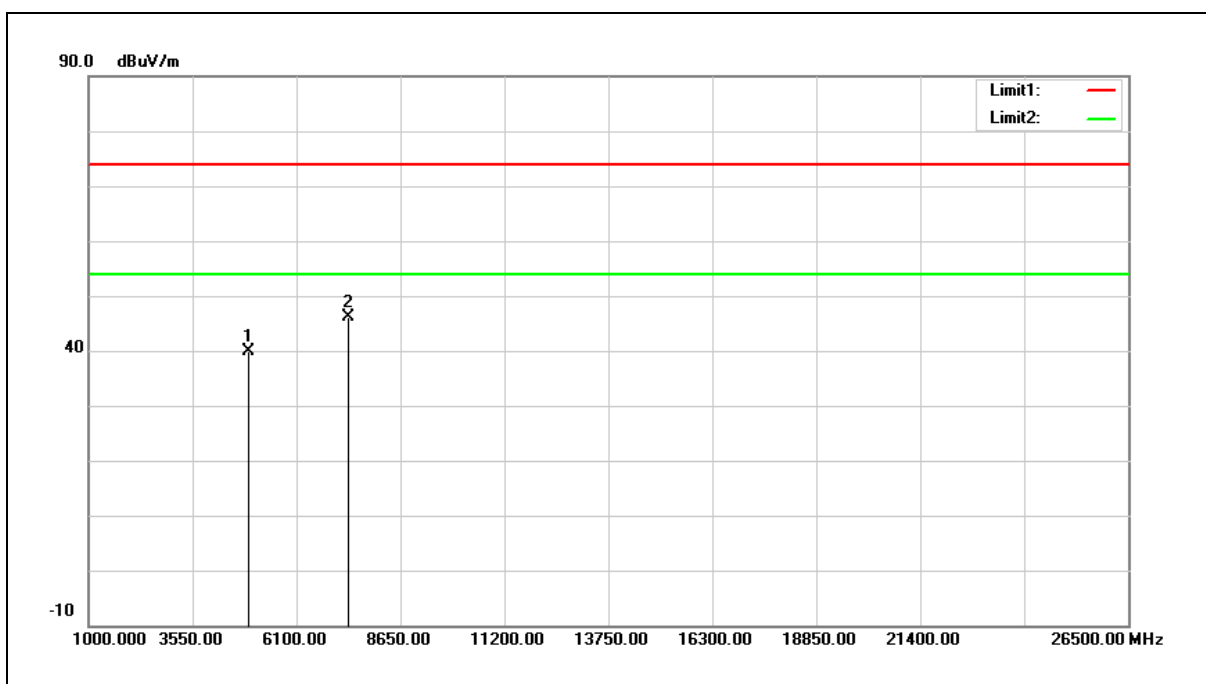
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.09	5.77	39.86	74.00	-34.14	peak
2	7386.000	33.74	12.33	46.07	74.00	-27.93	peak

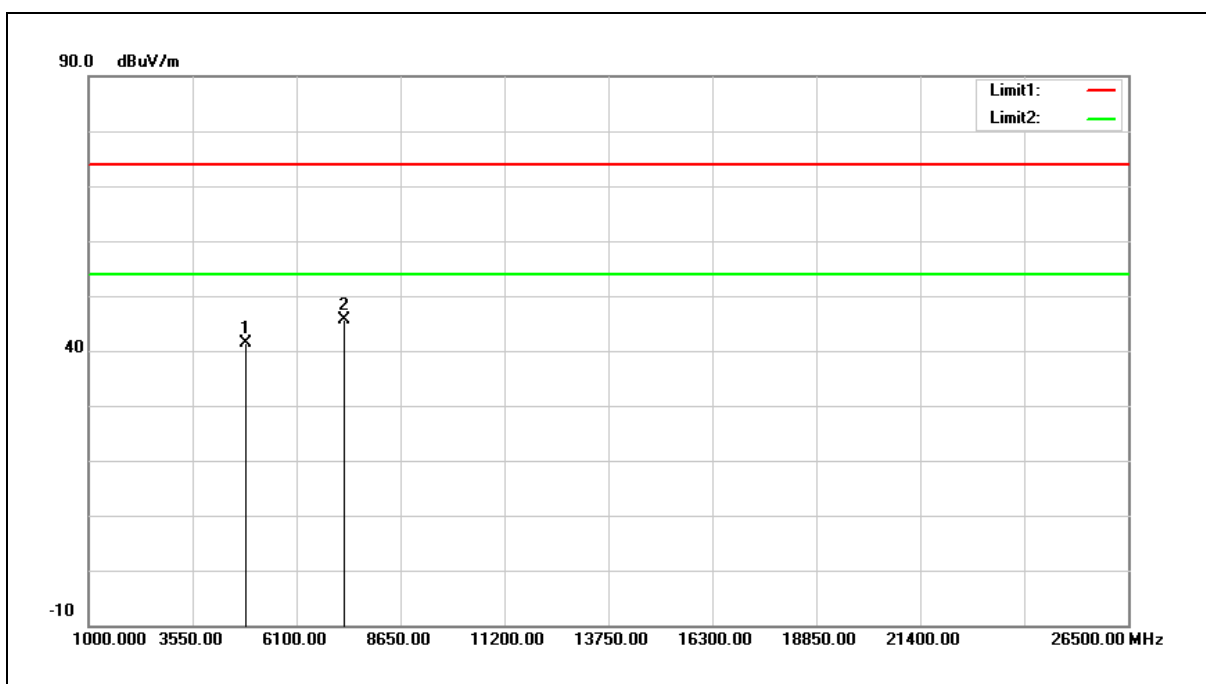
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	35.65	5.62	41.27	74.00	-32.73	peak
2	7266.000	33.54	12.04	45.58	74.00	-28.42	peak

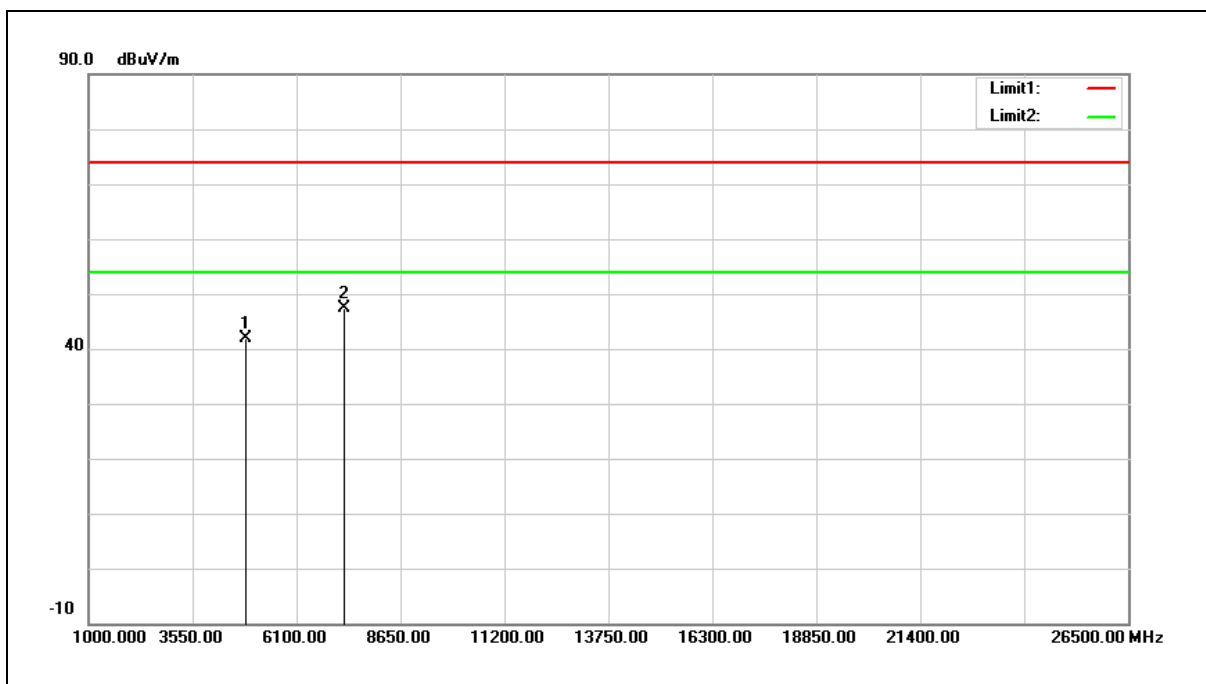
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

3.When the peak results are less than average limit, 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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	36.29	5.62	41.91	74.00	-32.09	peak
2	7266.000	35.26	12.04	47.30	74.00	-26.70	peak

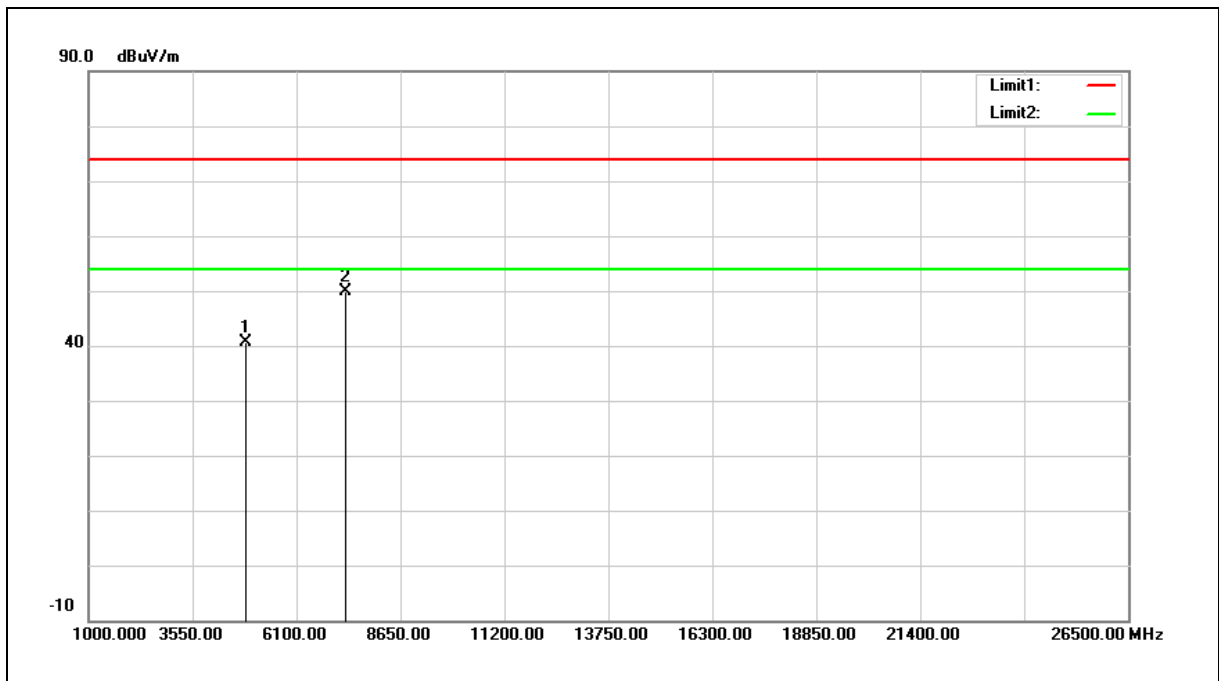
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.95	5.67	40.62	74.00	-33.38	peak
2	7311.000	37.78	12.15	49.93	74.00	-24.07	peak

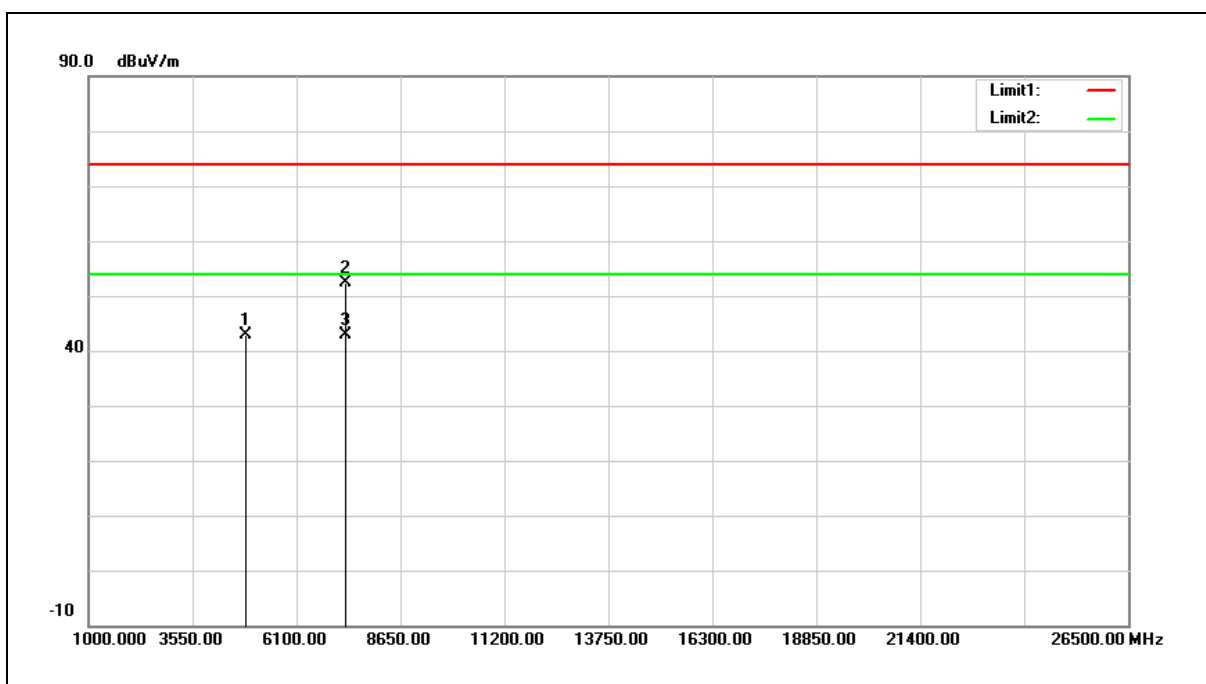
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.32	5.67	42.99	74.00	-31.01	peak
2	7311.000	40.31	12.15	52.46	74.00	-21.54	peak
3	7311.000	30.79	12.15	42.94	54.00	-11.06	AVG

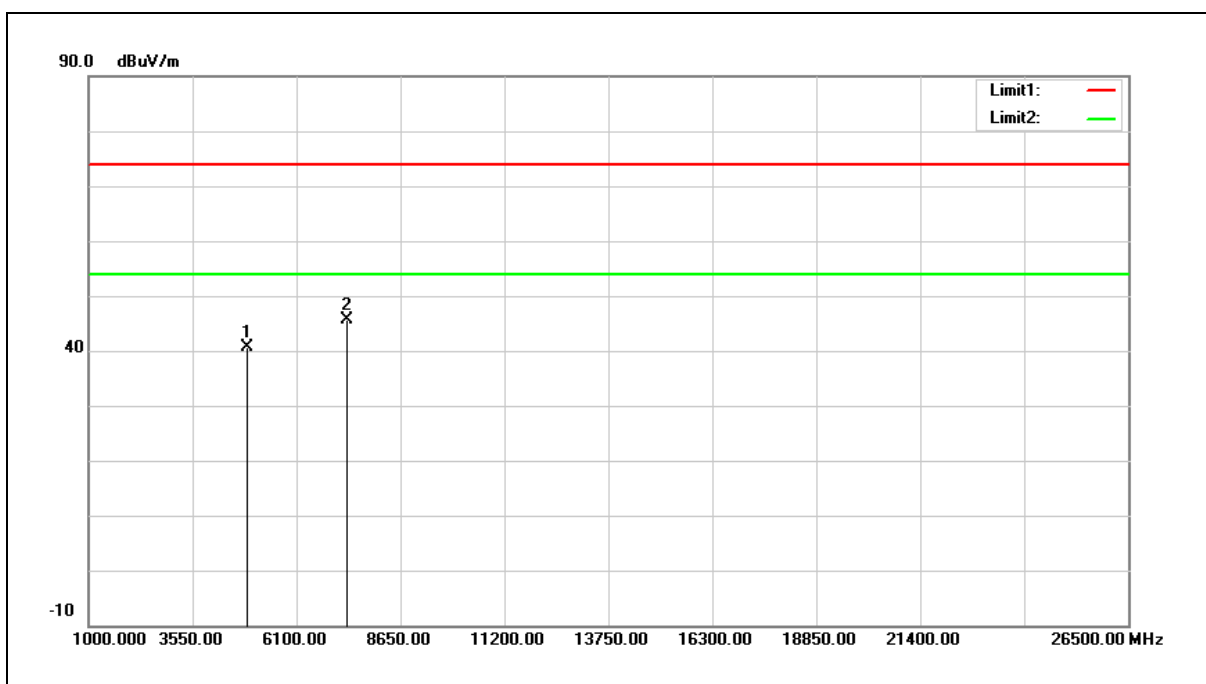
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	34.99	5.73	40.72	74.00	-33.28	peak
2	7356.000	33.47	12.25	45.72	74.00	-28.28	peak

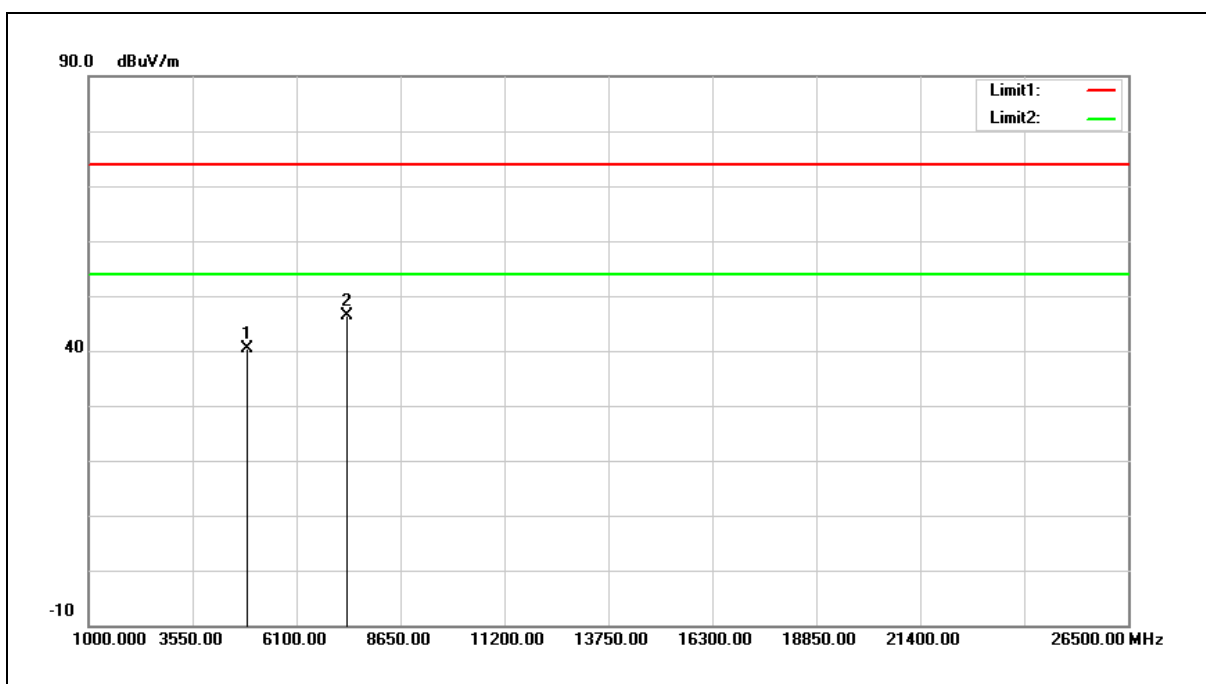
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



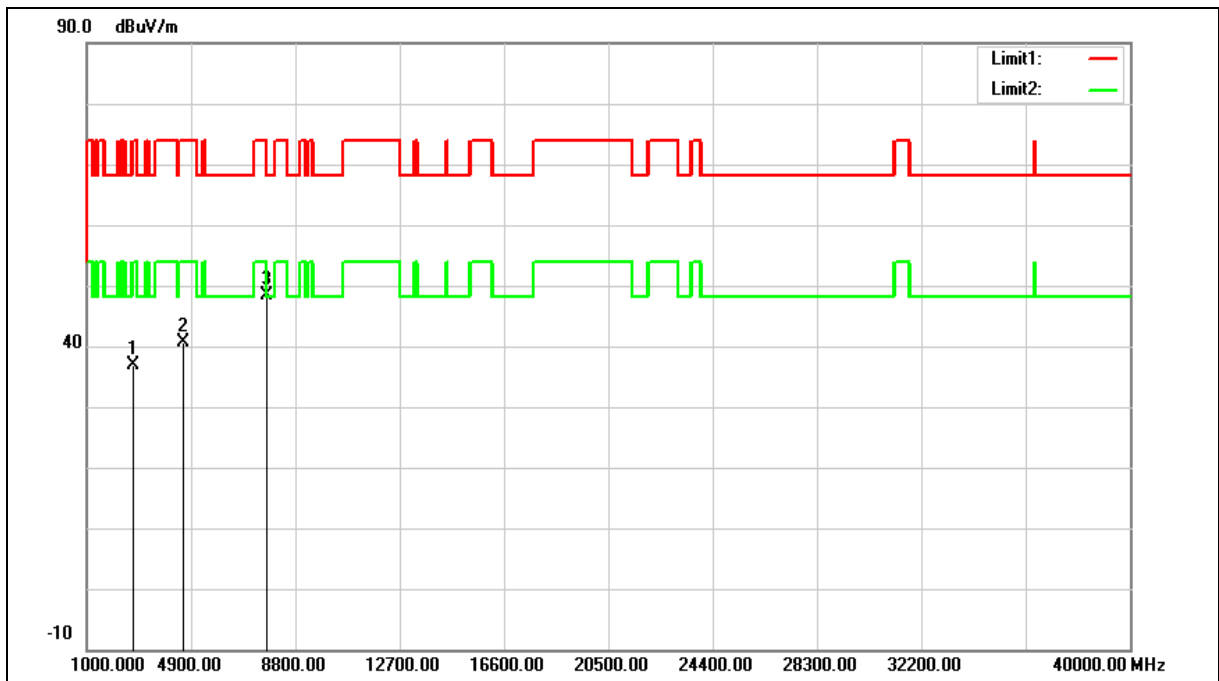
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	34.65	5.73	40.38	74.00	-33.62	peak
2	7356.000	34.05	12.25	46.30	74.00	-27.70	peak

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:	Transmitter Unwanted Emissions	Power:	AC 120 V/60 Hz
Frequency:	Simultaneous Transmitting	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	(WLAN 2.4 GHz + 5 GHz)		
Ant.Polar.:	Horizontal		



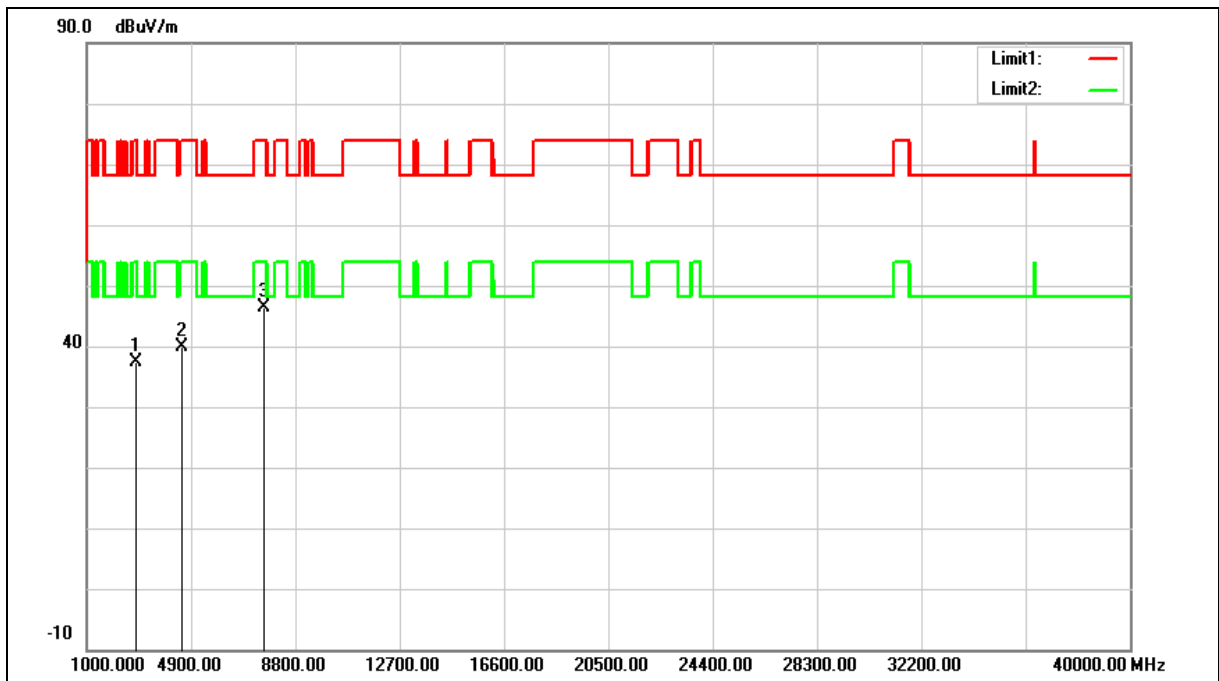
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	36.77	0.15	36.92	74.00	-37.08	peak
2	4587.000	35.48	5.12	40.60	74.00	-33.40	peak
3	7681.000	35.28	13.19	48.47	74.00	-25.53	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions	Power:	AC 120 V/60 Hz
Frequency:	Simultaneous Transmitting	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	(WLAN 2.4 GHz + 5 GHz)		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	36.78	0.48	37.26	74.00	-36.74	peak
2	4553.000	34.89	5.06	39.95	74.00	-34.05	peak
3	7647.000	33.28	13.08	46.36	74.00	-27.64	peak

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

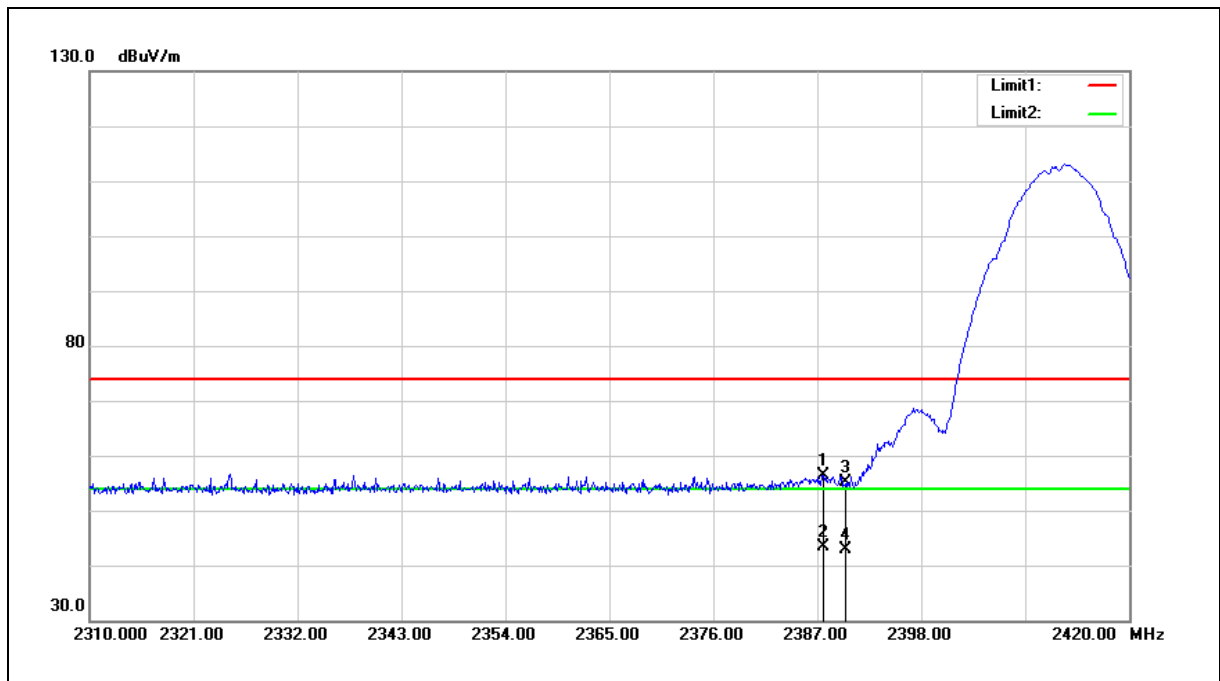
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

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



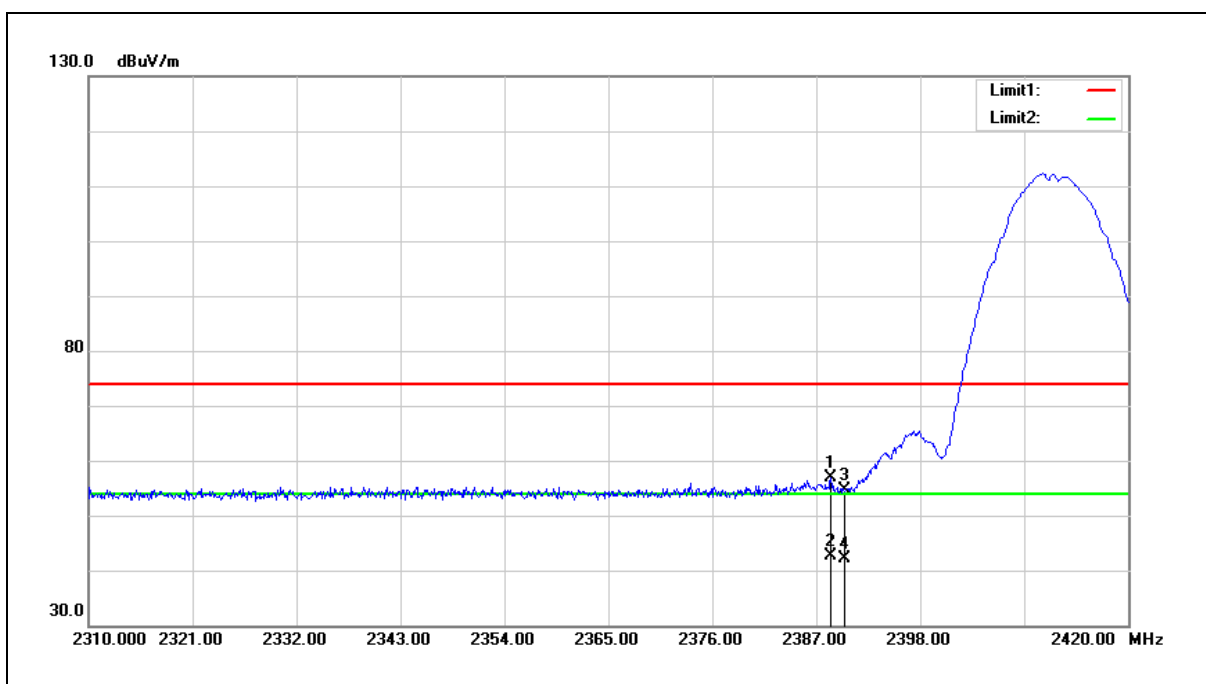
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.660	57.53	-1.05	56.48	74.00	-17.52	peak
2	2387.660	44.34	-1.05	43.29	54.00	-10.71	AVG
3	2390.000	56.08	-1.05	55.03	74.00	-18.97	peak
4	2390.000	43.86	-1.05	42.81	54.00	-11.19	AVG

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:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



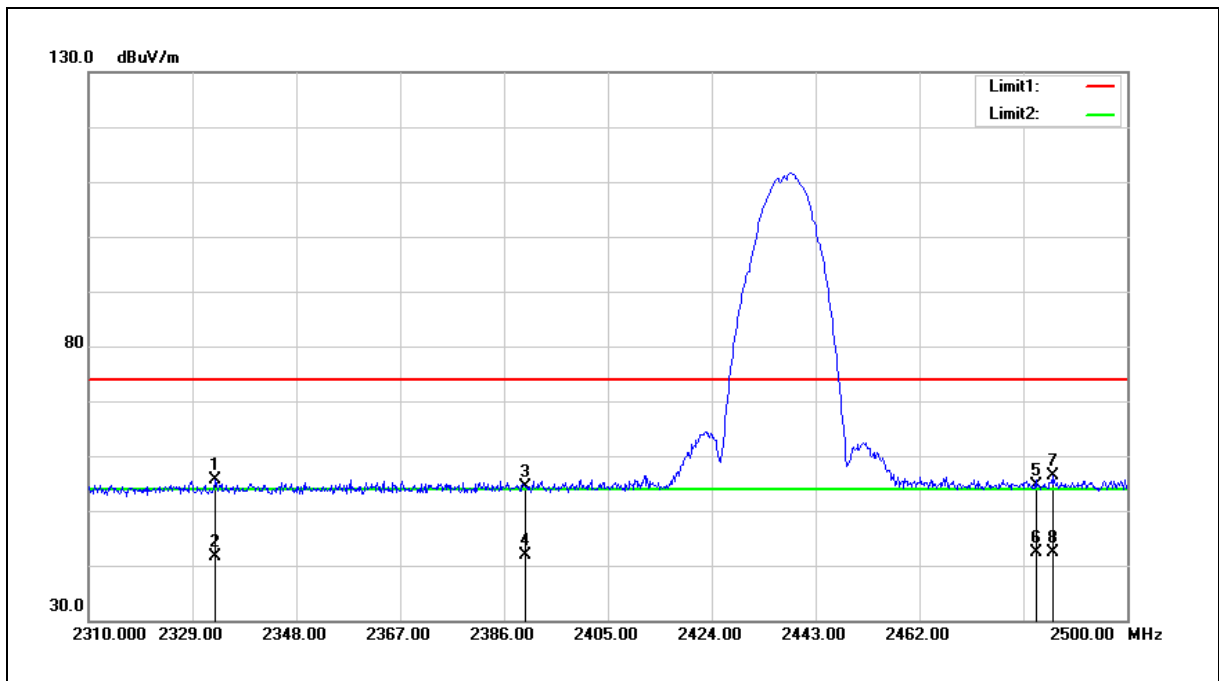
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.540	58.01	-1.05	56.96	74.00	-17.04	peak
2	2388.540	43.66	-1.05	42.61	54.00	-11.39	AVG
3	2390.000	55.57	-1.05	54.52	74.00	-19.48	peak
4	2390.000	43.21	-1.05	42.16	54.00	-11.84	AVG

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



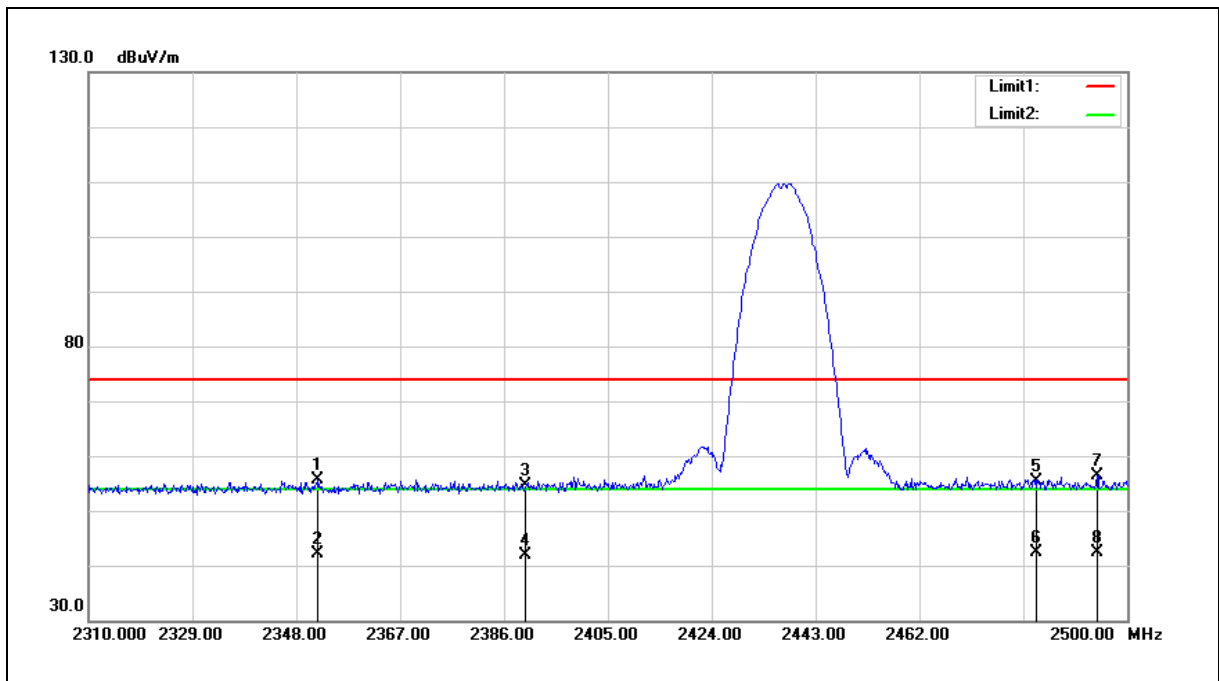
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2333.180	56.90	-1.25	55.65	74.00	-18.35	peak
2	2333.180	42.95	-1.25	41.70	54.00	-12.30	AVG
3	2390.000	55.45	-1.05	54.40	74.00	-19.60	peak
4	2390.000	42.96	-1.05	41.91	54.00	-12.09	AVG
5	2483.500	55.30	-0.70	54.60	74.00	-19.40	peak
6	2483.500	42.96	-0.70	42.26	54.00	-11.74	AVG
7	2486.320	57.02	-0.70	56.32	74.00	-17.68	peak
8	2486.320	43.11	-0.70	42.41	54.00	-11.59	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:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	2351.990	56.73	-1.18	55.55	74.00	-18.45	peak
2	2351.990	43.23	-1.18	42.05	54.00	-11.95	AVG
3	2390.000	55.68	-1.05	54.63	74.00	-19.37	peak
4	2390.000	42.88	-1.05	41.83	54.00	-12.17	AVG
5	2483.500	56.17	-0.70	55.47	74.00	-18.53	peak
6	2483.500	42.97	-0.70	42.27	54.00	-11.73	AVG
7	2494.490	57.14	-0.66	56.48	74.00	-17.52	peak
8	2494.490	43.03	-0.66	42.37	54.00	-11.63	AVG

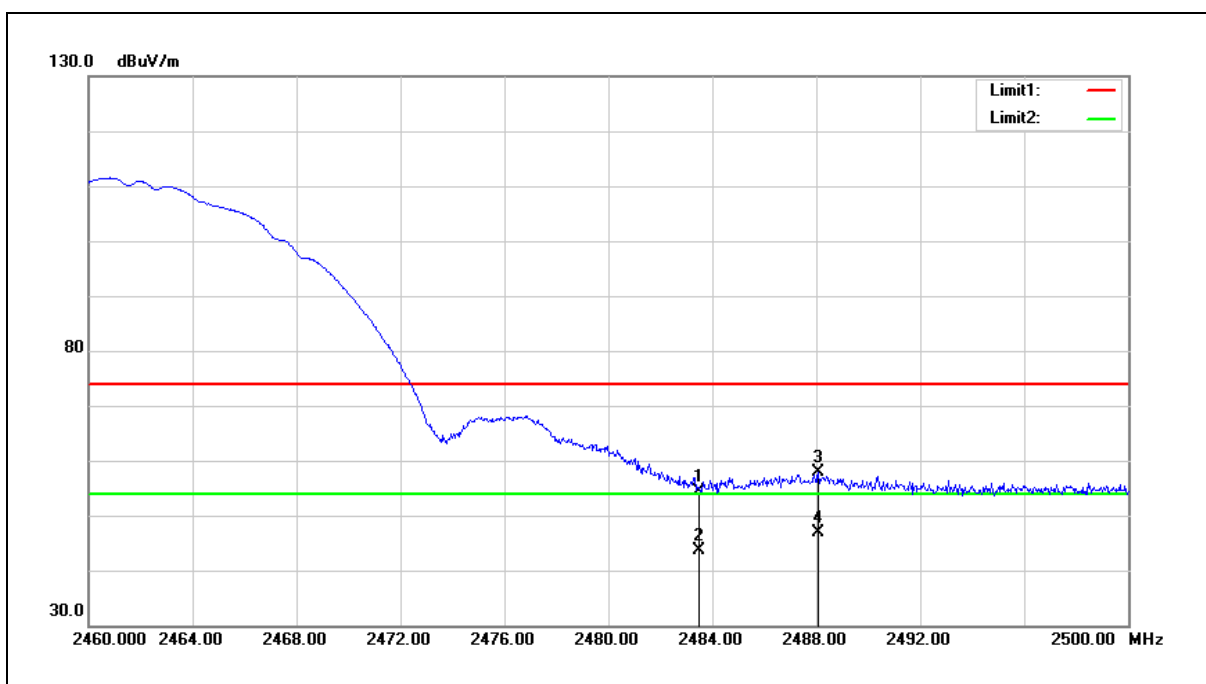
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	2483.500	55.15	-0.70	54.45	74.00	-19.55	peak
2	2483.500	44.26	-0.70	43.56	54.00	-10.44	AVG
3	2488.080	58.61	-0.68	57.93	74.00	-16.07	peak
4	2488.080	47.47	-0.68	46.79	54.00	-7.21	AVG

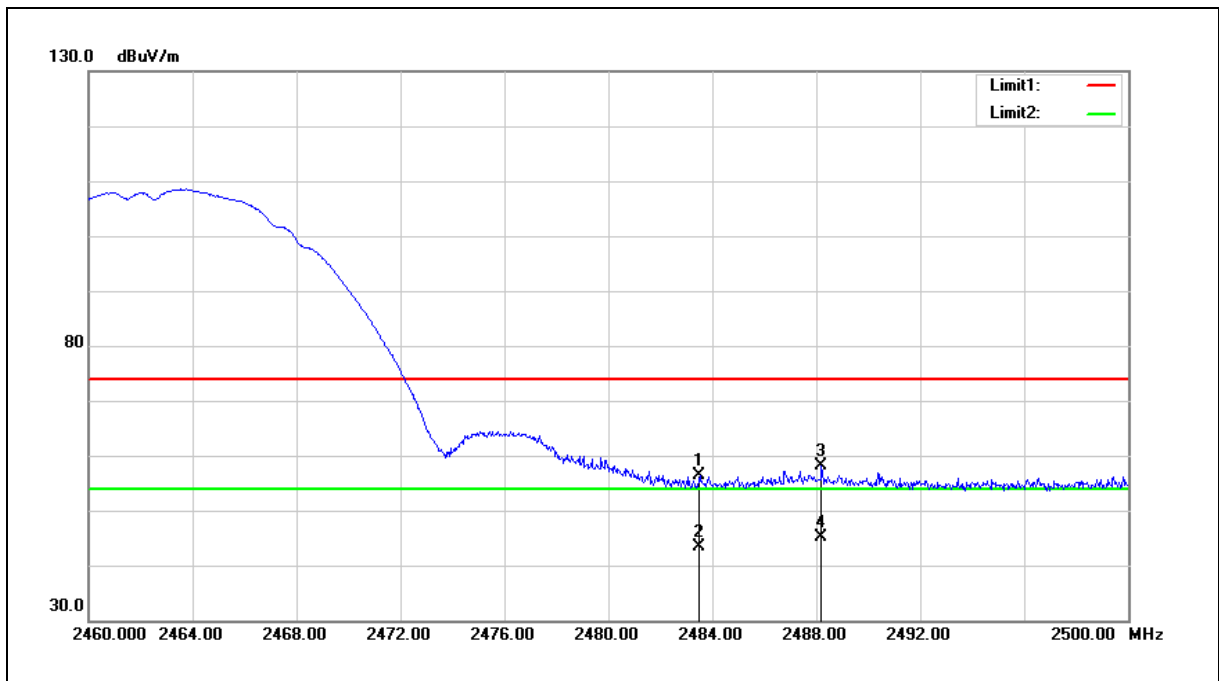
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	2483.500	56.96	-0.70	56.26	74.00	-17.74	peak
2	2483.500	43.96	-0.70	43.26	54.00	-10.74	AVG
3	2488.200	58.80	-0.68	58.12	74.00	-15.88	peak
4	2488.200	45.72	-0.68	45.04	54.00	-8.96	AVG

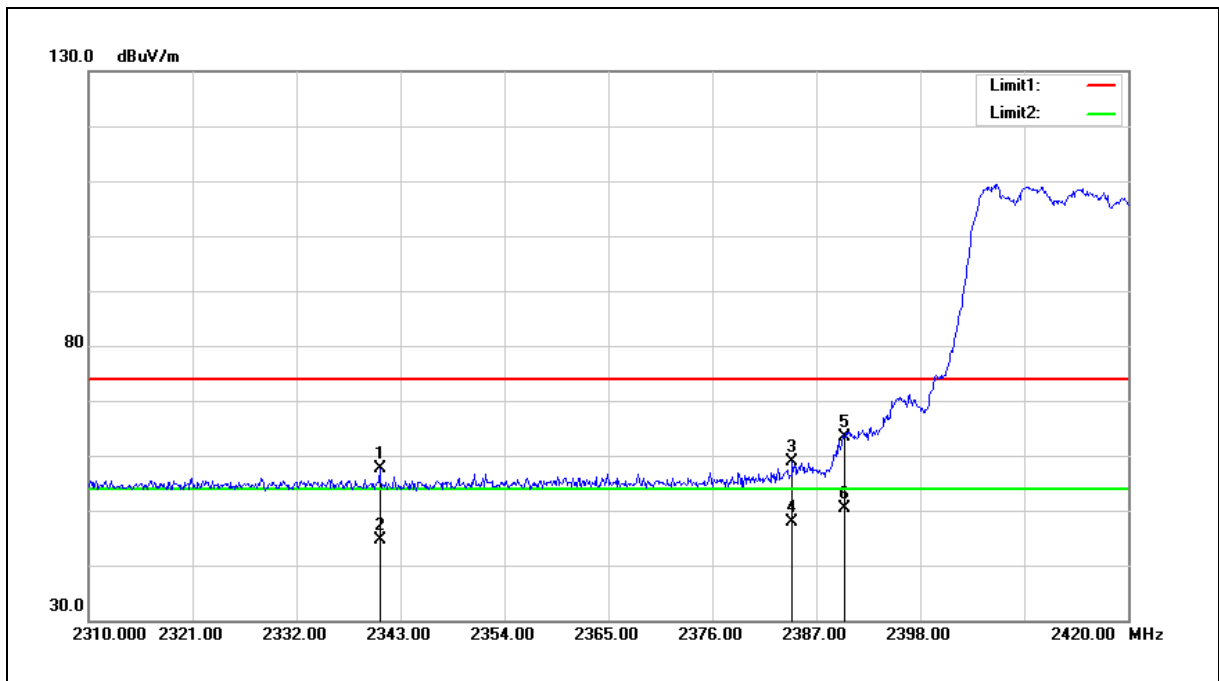
Note:1.Result (dBUV/m) = Correct Factor (dB/m) + Reading(dBUV).

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:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



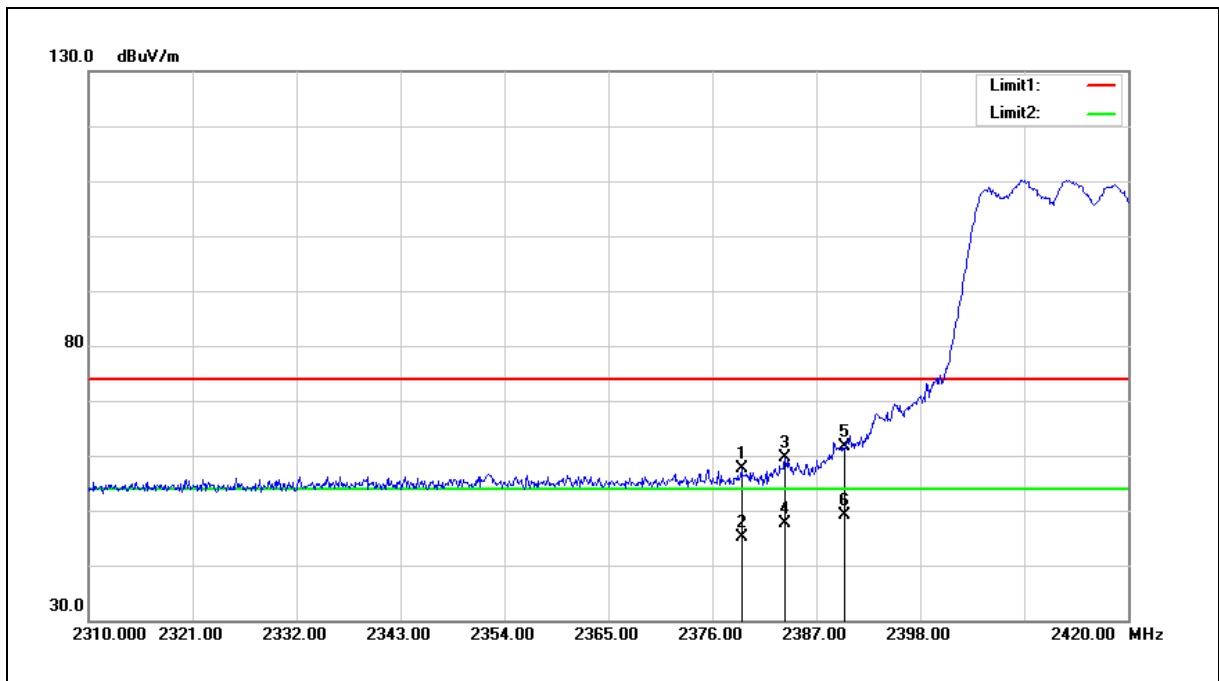
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2340.800	58.92	-1.22	57.70	74.00	-16.30	peak
2	2340.800	45.97	-1.22	44.75	54.00	-9.25	AVG
3	2384.470	59.96	-1.07	58.89	74.00	-15.11	peak
4	2384.470	48.88	-1.07	47.81	54.00	-6.19	AVG
5	2390.000	64.46	-1.05	63.41	74.00	-10.59	peak
6	2390.000	51.53	-1.05	50.48	54.00	-3.52	AVG

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

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

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

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



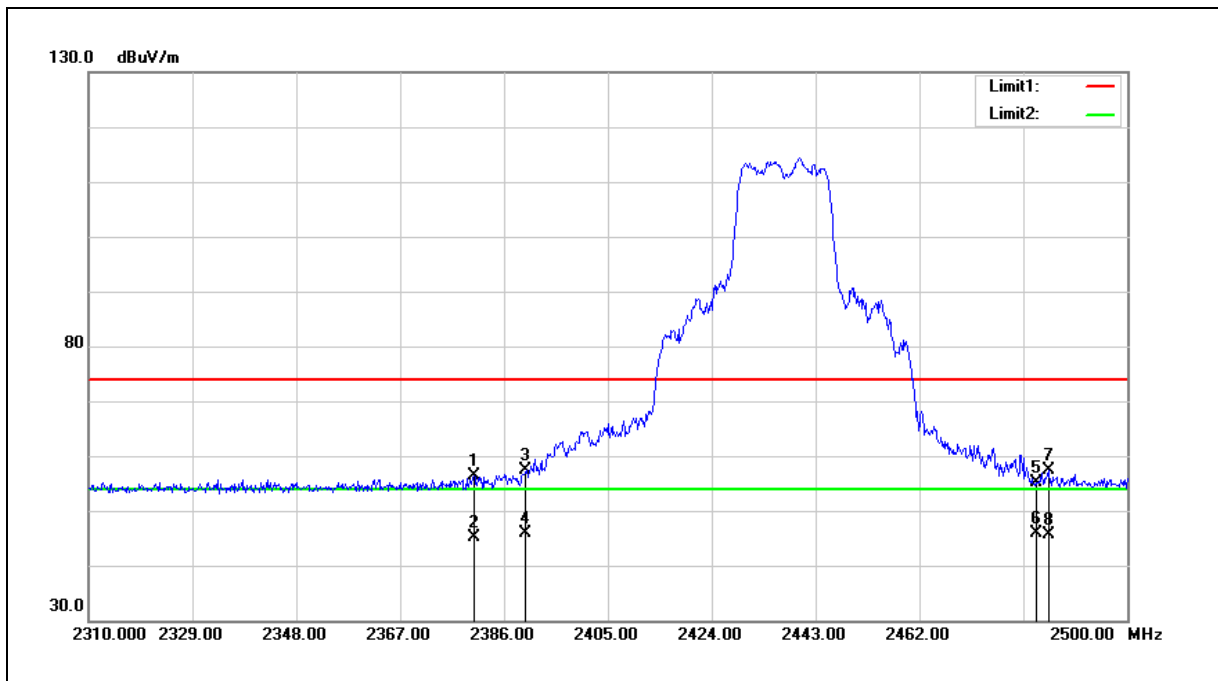
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2379.080	58.71	-1.09	57.62	74.00	-16.38	peak
2	2379.080	46.25	-1.09	45.16	54.00	-8.84	AVG
3	2383.700	60.79	-1.07	59.72	74.00	-14.28	peak
4	2383.700	48.59	-1.07	47.52	54.00	-6.48	AVG
5	2390.000	62.70	-1.05	61.65	74.00	-12.35	peak
6	2390.000	50.13	-1.05	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



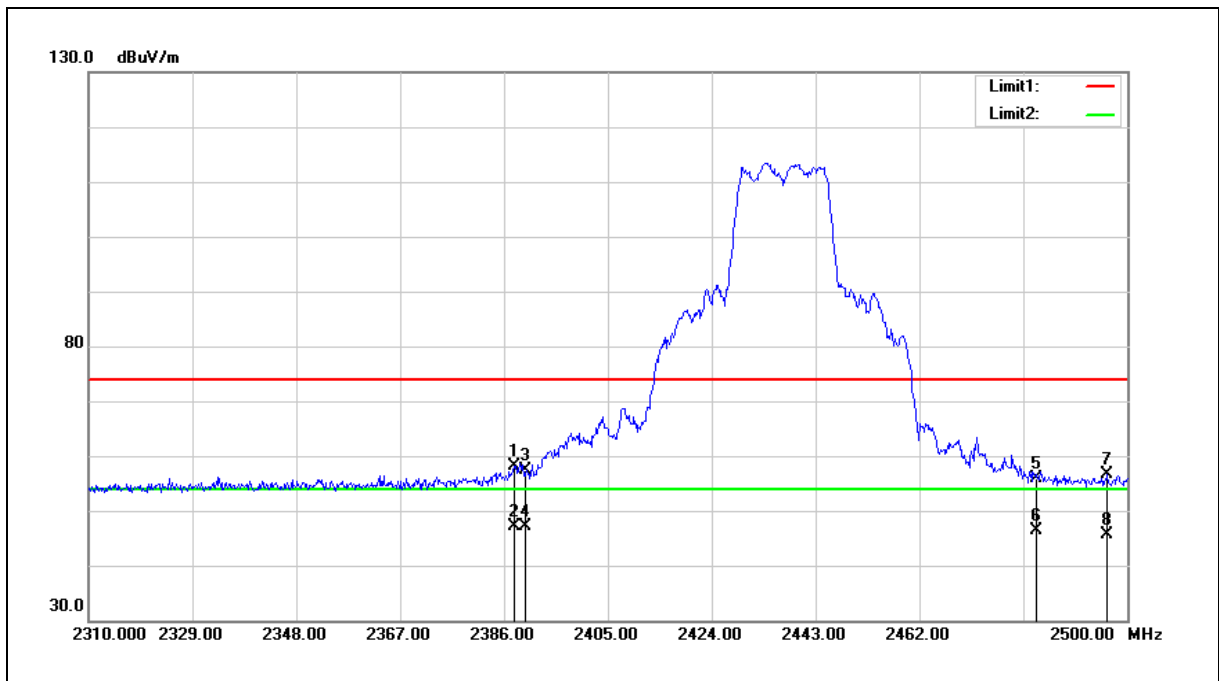
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2380.490	57.51	-1.08	56.43	74.00	-17.57	peak
2	2380.490	46.14	-1.08	45.06	54.00	-8.94	AVG
3	2390.000	58.43	-1.05	57.38	74.00	-16.62	peak
4	2390.000	46.99	-1.05	45.94	54.00	-8.06	AVG
5	2483.500	55.83	-0.70	55.13	74.00	-18.87	peak
6	2483.500	46.58	-0.70	45.88	54.00	-8.12	AVG
7	2485.560	57.97	-0.70	57.27	74.00	-16.73	peak
8	2485.560	46.33	-0.70	45.63	54.00	-8.37	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:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.900	59.23	-1.05	58.18	74.00	-15.82	peak
2	2387.900	48.16	-1.05	47.11	54.00	-6.89	AVG
3	2390.000	58.48	-1.05	57.43	74.00	-16.57	peak
4	2390.000	48.06	-1.05	47.01	54.00	-6.99	AVG
5	2483.500	56.61	-0.70	55.91	74.00	-18.09	peak
6	2483.500	47.05	-0.70	46.35	54.00	-7.65	AVG
7	2496.390	57.20	-0.65	56.55	74.00	-17.45	peak
8	2496.390	46.23	-0.65	45.58	54.00	-8.42	AVG

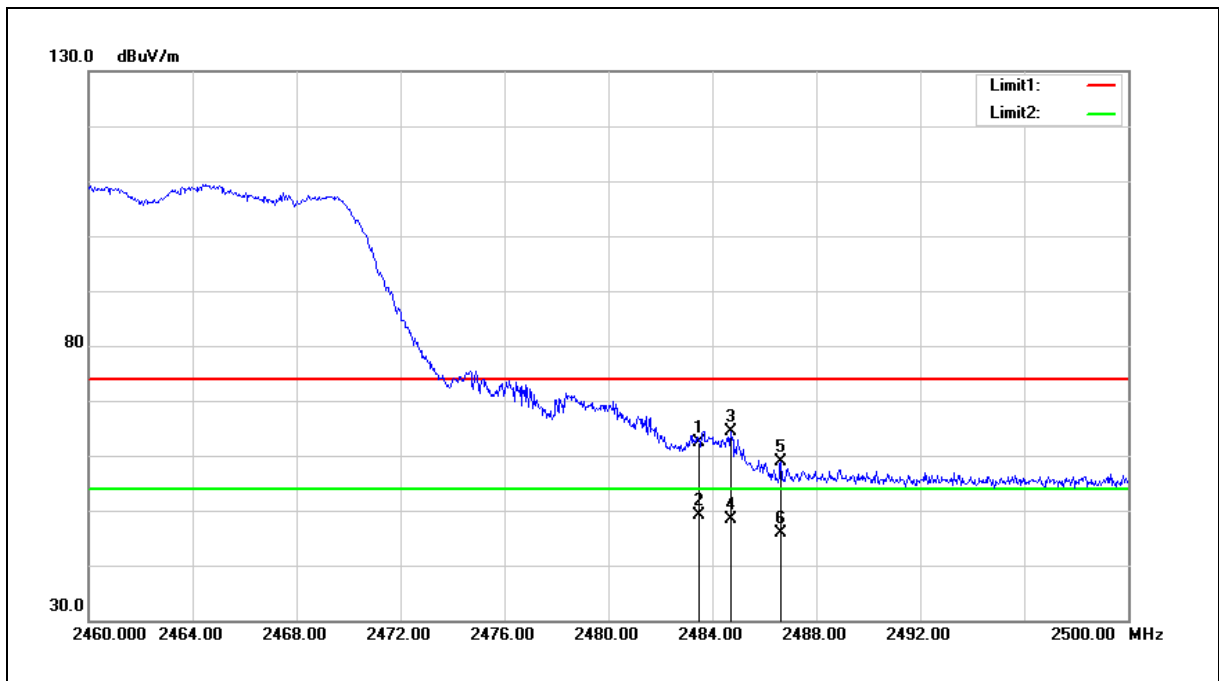
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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



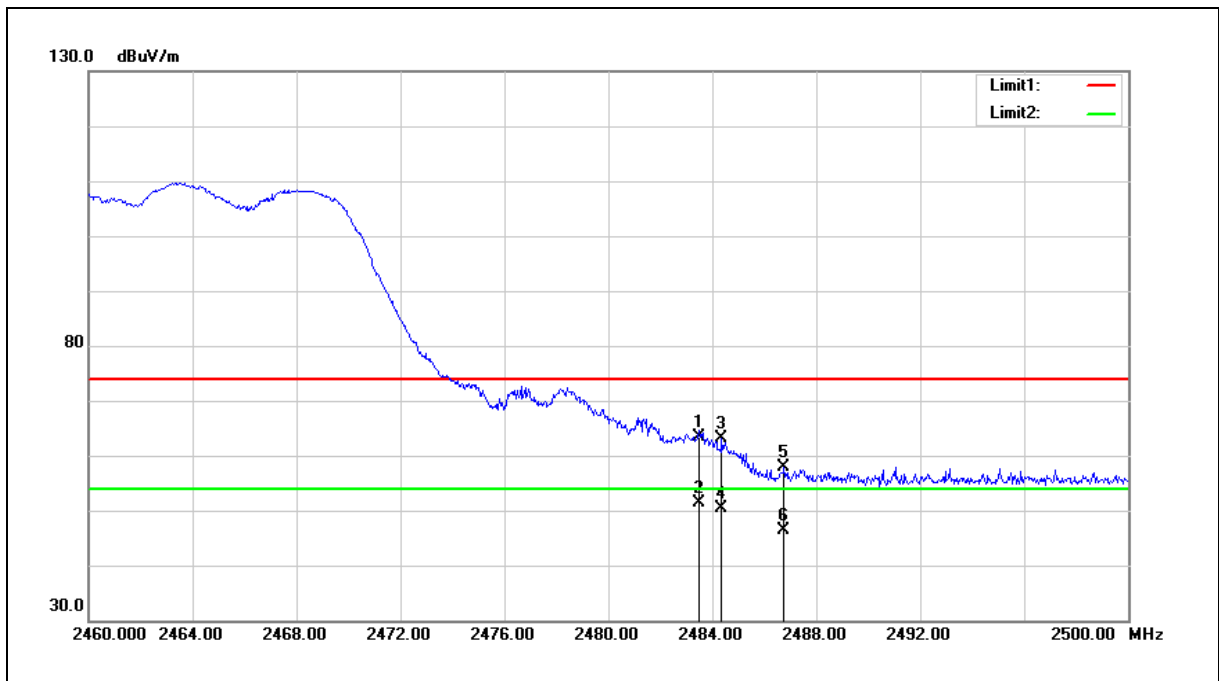
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	62.96	-0.70	62.26	74.00	-11.74	peak
2	2483.500	49.73	-0.70	49.03	54.00	-4.97	AVG
3	2484.720	65.10	-0.70	64.40	74.00	-9.60	peak
4	2484.720	49.03	-0.70	48.33	54.00	-5.67	AVG
5	2486.640	59.56	-0.69	58.87	74.00	-15.13	peak
6	2486.640	46.66	-0.69	45.97	54.00	-8.03	AVG

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

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

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

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



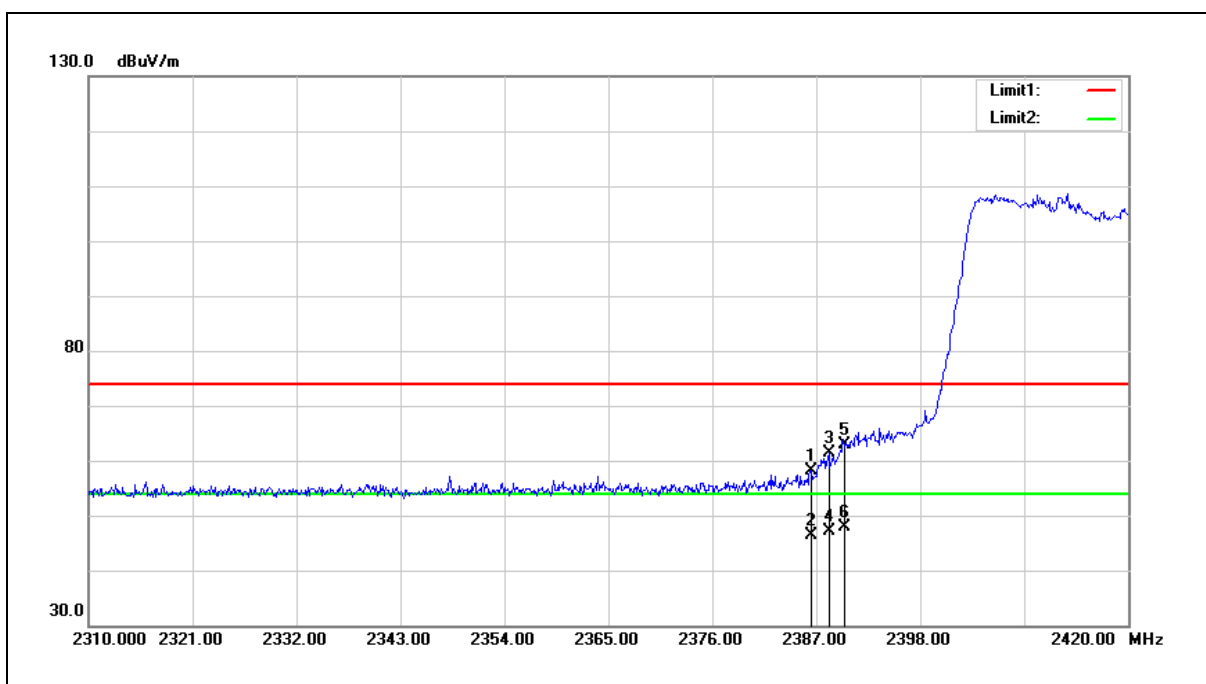
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	64.10	-0.70	63.40	74.00	-10.60	peak
2	2483.500	52.06	-0.70	51.36	54.00	-2.64	AVG
3	2484.360	63.76	-0.70	63.06	74.00	-10.94	peak
4	2484.360	51.16	-0.70	50.46	54.00	-3.54	AVG
5	2486.760	58.54	-0.69	57.85	74.00	-16.15	peak
6	2486.760	47.00	-0.69	46.31	54.00	-7.69	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:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.450	59.20	-1.07	58.13	74.00	-15.87	peak
2	2386.450	47.44	-1.07	46.37	54.00	-7.63	AVG
3	2388.320	62.46	-1.05	61.41	74.00	-12.59	peak
4	2388.320	48.15	-1.05	47.10	54.00	-6.90	AVG
5	2390.000	63.85	-1.05	62.80	74.00	-11.20	peak
6	2390.000	48.93	-1.05	47.88	54.00	-6.12	AVG

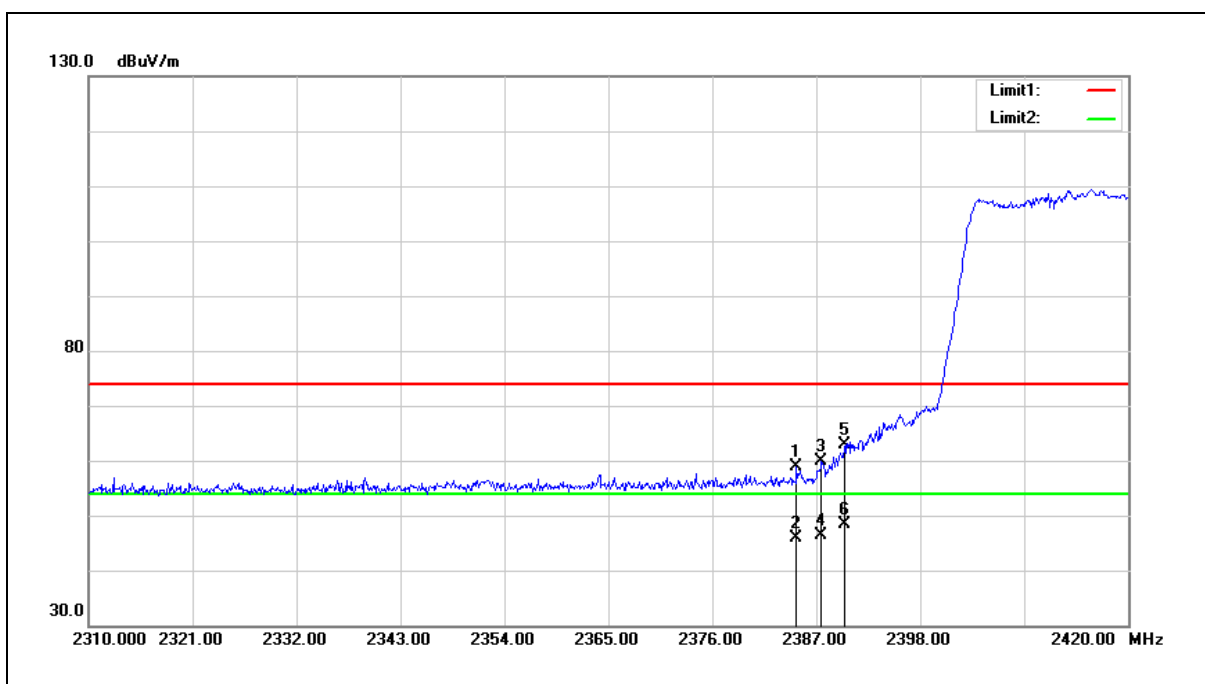
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



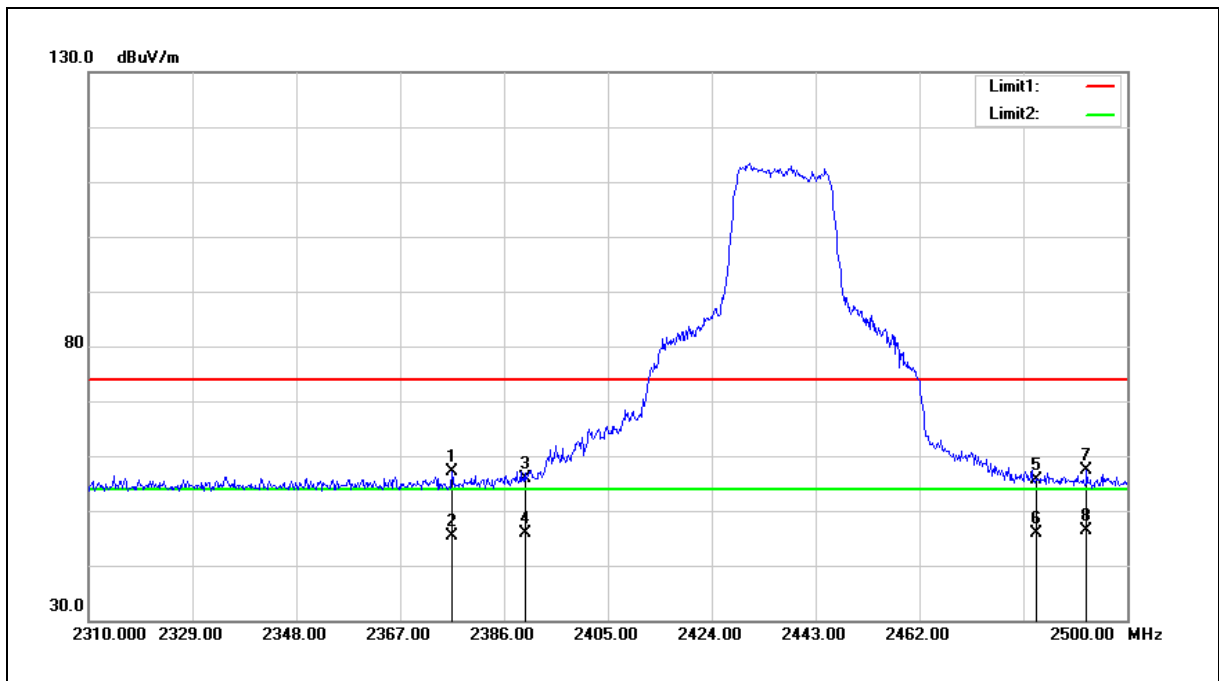
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2384.910	59.97	-1.07	58.90	74.00	-15.10	peak
2	2384.910	47.01	-1.07	45.94	54.00	-8.06	AVG
3	2387.550	61.04	-1.05	59.99	74.00	-14.01	peak
4	2387.550	47.49	-1.05	46.44	54.00	-7.56	AVG
5	2390.000	63.84	-1.05	62.79	74.00	-11.21	peak
6	2390.000	49.42	-1.05	48.37	54.00	-5.63	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:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



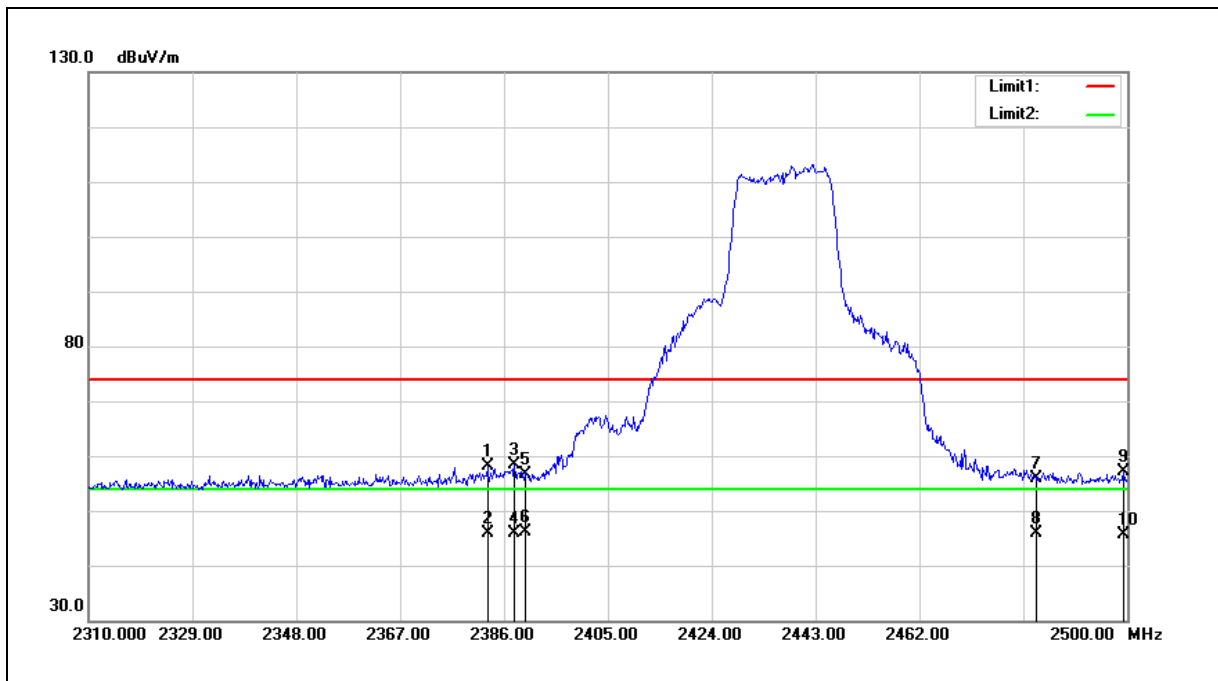
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2376.500	58.33	-1.10	57.23	74.00	-16.77	peak
2	2376.500	46.59	-1.10	45.49	54.00	-8.51	AVG
3	2390.000	56.93	-1.05	55.88	74.00	-18.12	peak
4	2390.000	47.00	-1.05	45.95	54.00	-8.05	AVG
5	2483.500	56.28	-0.70	55.58	74.00	-18.42	peak
6	2483.500	46.67	-0.70	45.97	54.00	-8.03	AVG
7	2492.590	57.93	-0.67	57.26	74.00	-16.74	peak
8	2492.590	47.06	-0.67	46.39	54.00	-7.61	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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



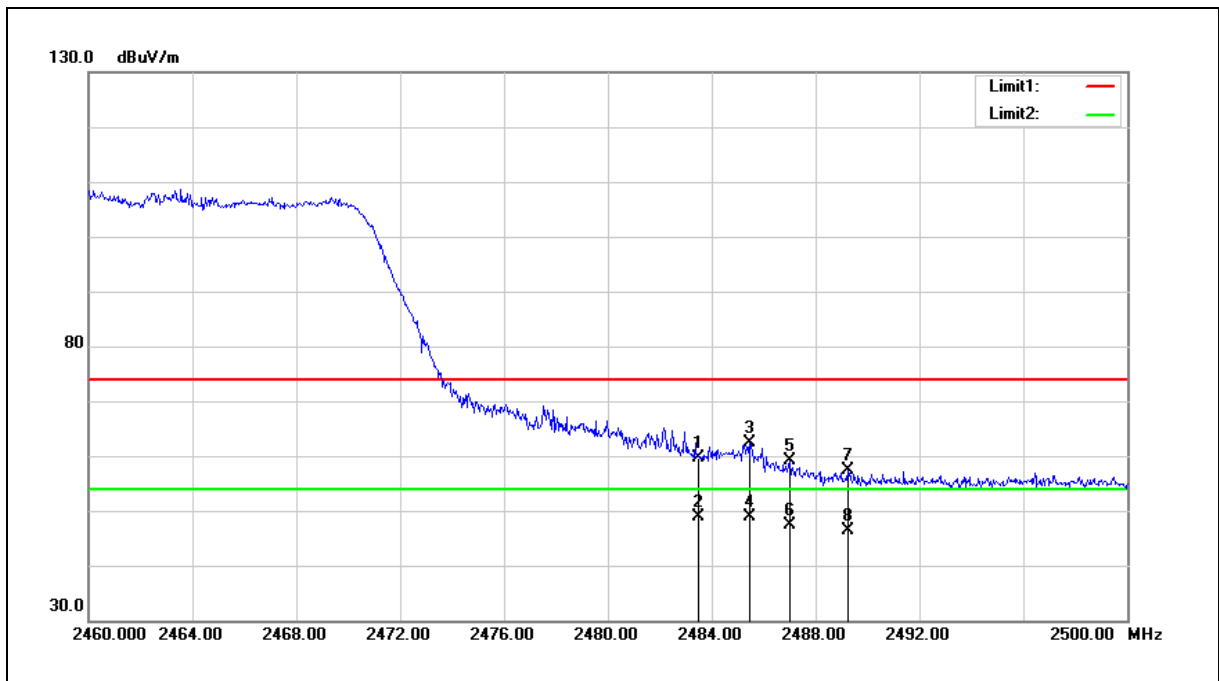
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.960	59.31	-1.07	58.24	74.00	-15.76	peak
2	2382.960	46.89	-1.07	45.82	54.00	-8.18	AVG
3	2387.900	59.40	-1.05	58.35	74.00	-15.65	peak
4	2387.900	46.94	-1.05	45.89	54.00	-8.11	AVG
5	2390.000	57.62	-1.05	56.57	74.00	-17.43	peak
6	2390.000	47.19	-1.05	46.14	54.00	-7.86	AVG
7	2483.500	56.70	-0.70	56.00	74.00	-18.00	peak
8	2483.500	46.68	-0.70	45.98	54.00	-8.02	AVG
9	2499.240	57.76	-0.64	57.12	74.00	-16.88	peak
10	2499.240	46.26	-0.64	45.62	54.00	-8.38	AVG

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



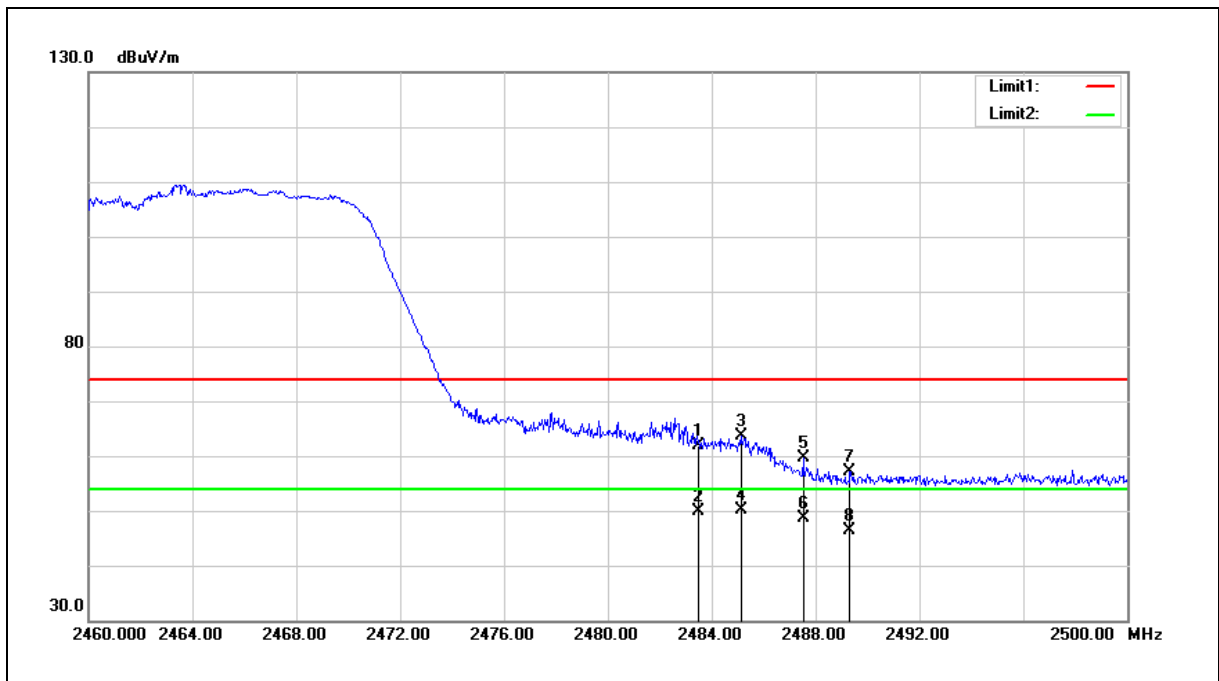
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	60.27	-0.70	59.57	74.00	-14.43	peak
2	2483.500	49.57	-0.70	48.87	54.00	-5.13	AVG
3	2485.480	63.05	-0.70	62.35	74.00	-11.65	peak
4	2485.480	49.47	-0.70	48.77	54.00	-5.23	AVG
5	2487.000	59.74	-0.69	59.05	74.00	-14.95	peak
6	2487.000	47.97	-0.69	47.28	54.00	-6.72	AVG
7	2489.240	58.00	-0.68	57.32	74.00	-16.68	peak
8	2489.240	47.07	-0.68	46.39	54.00	-7.61	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:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



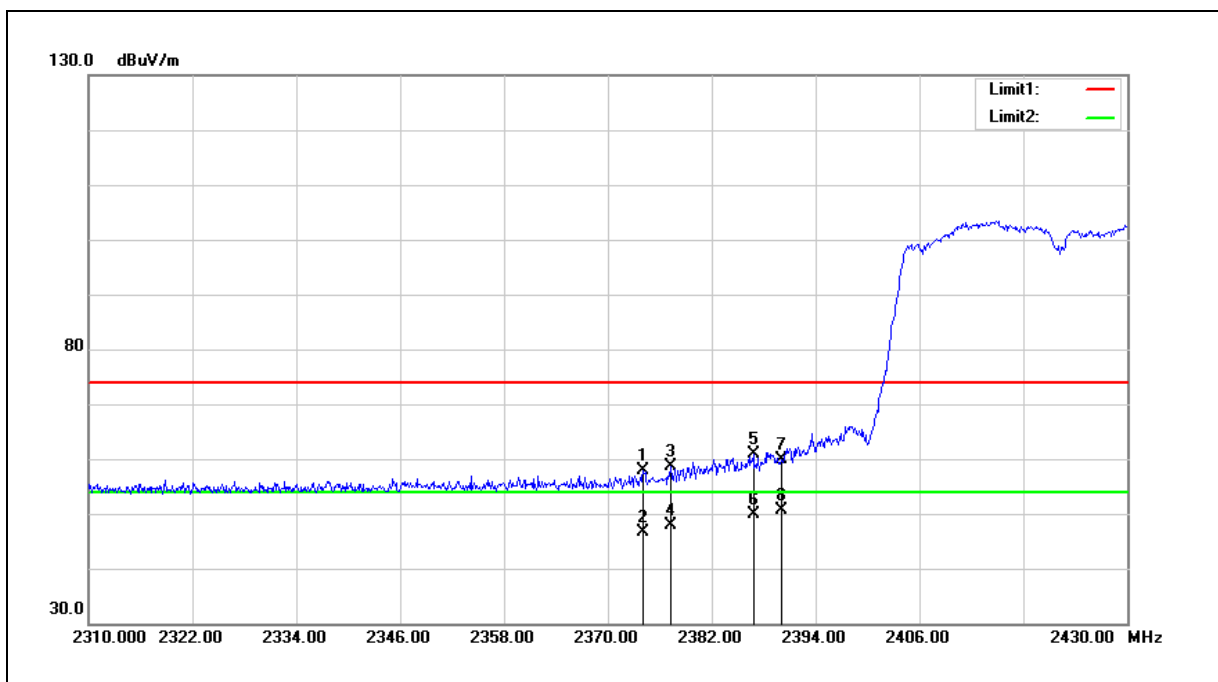
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	62.46	-0.70	61.76	74.00	-12.24	peak
2	2483.500	50.54	-0.70	49.84	54.00	-4.16	AVG
3	2485.120	64.39	-0.70	63.69	74.00	-10.31	peak
4	2485.120	50.80	-0.70	50.10	54.00	-3.90	AVG
5	2487.520	60.27	-0.68	59.59	74.00	-14.41	peak
6	2487.520	49.41	-0.68	48.73	54.00	-5.27	AVG
7	2489.320	57.74	-0.68	57.06	74.00	-16.94	peak
8	2489.320	47.08	-0.68	46.40	54.00	-7.60	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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2374.080	58.86	-1.10	57.76	74.00	-16.24	peak
2	2374.080	47.66	-1.10	46.56	54.00	-7.44	AVG
3	2377.320	59.76	-1.10	58.66	74.00	-15.34	peak
4	2377.320	48.90	-1.10	47.80	54.00	-6.20	AVG
5	2386.800	62.00	-1.06	60.94	74.00	-13.06	peak
6	2386.800	50.83	-1.06	49.77	54.00	-4.23	AVG
7	2390.000	60.93	-1.05	59.88	74.00	-14.12	peak
8	2390.000	51.69	-1.05	50.64	54.00	-3.36	AVG

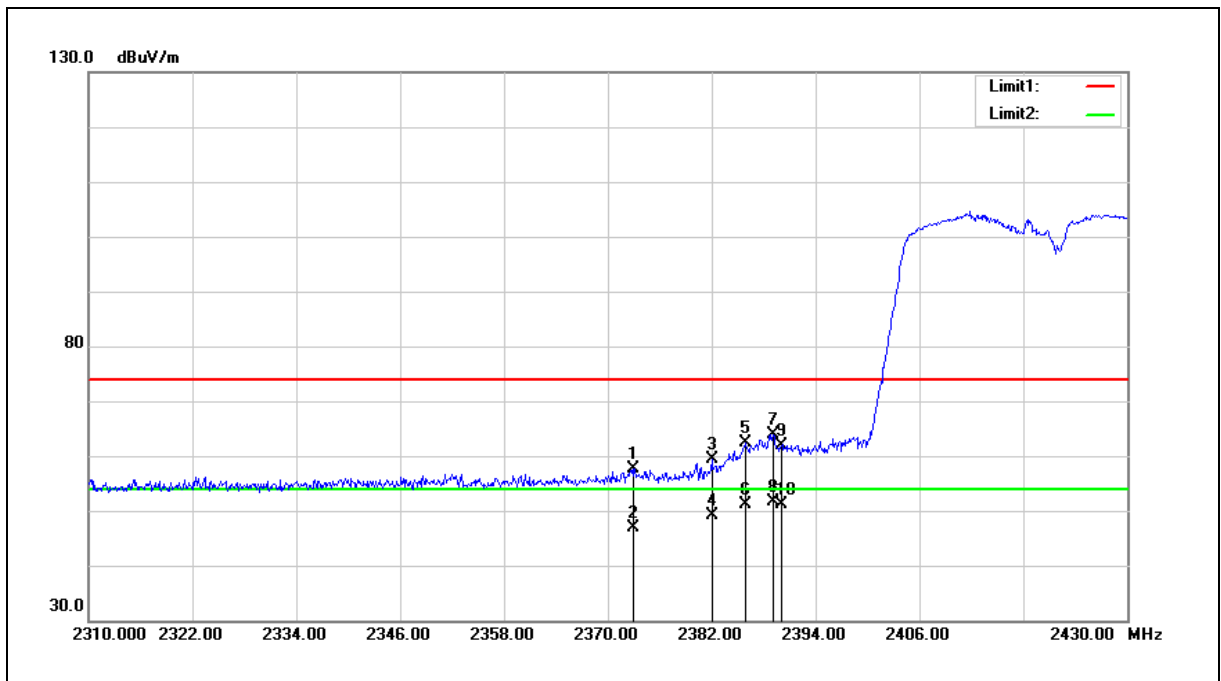
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2373.000	58.81	-1.10	57.71	74.00	-16.29	peak
2	2373.000	47.87	-1.10	46.77	54.00	-7.23	AVG
3	2382.000	60.52	-1.08	59.44	74.00	-14.56	peak
4	2382.000	50.29	-1.08	49.21	54.00	-4.79	AVG
5	2385.960	63.46	-1.07	62.39	74.00	-11.61	peak
6	2385.960	52.27	-1.07	51.20	54.00	-2.80	AVG
7	2389.080	64.96	-1.05	63.91	74.00	-10.09	peak
8	2389.080	52.57	-1.05	51.52	54.00	-2.48	AVG
9	2390.000	62.97	-1.05	61.92	74.00	-12.08	peak
10	2390.000	52.09	-1.05	51.04	54.00	-2.96	AVG

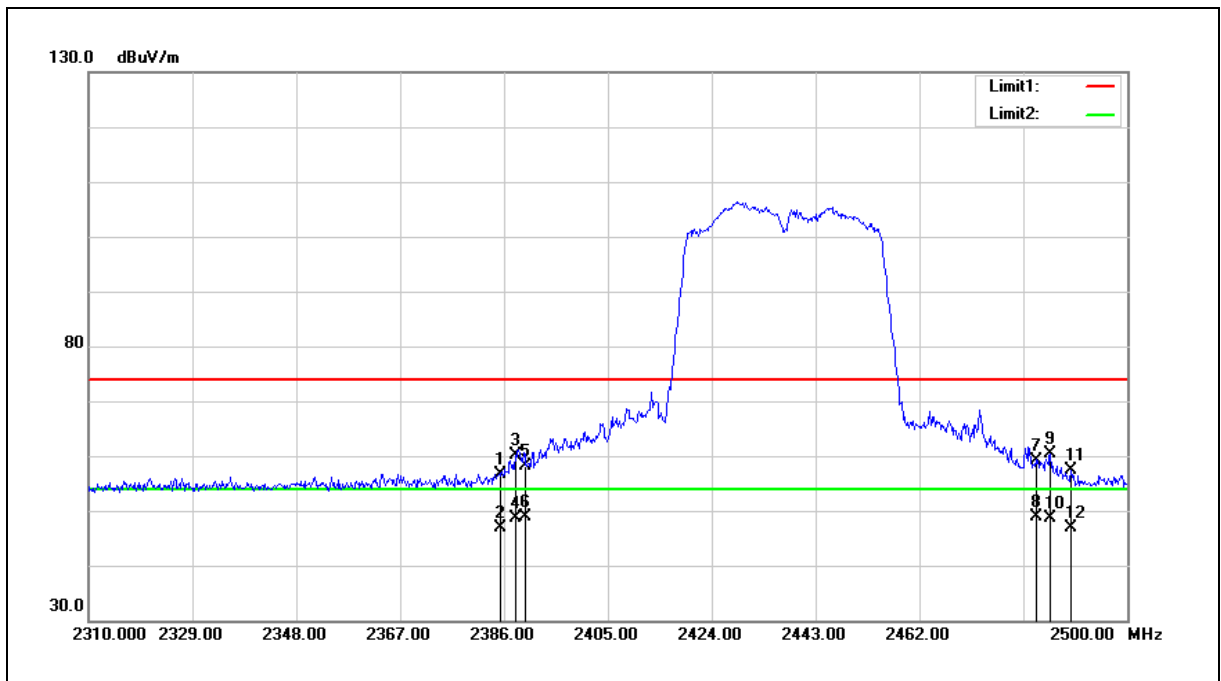
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.430	57.79	-1.07	56.72	74.00	-17.28	peak
2	2385.430	47.93	-1.07	46.86	54.00	-7.14	AVG
3	2388.090	61.22	-1.05	60.17	74.00	-13.83	peak
4	2388.090	49.72	-1.05	48.67	54.00	-5.33	AVG
5	2390.000	59.19	-1.05	58.14	74.00	-15.86	peak
6	2390.000	49.91	-1.05	48.86	54.00	-5.14	AVG
7	2483.500	59.81	-0.70	59.11	74.00	-14.89	peak
8	2483.500	49.64	-0.70	48.94	54.00	-5.06	AVG
9	2485.940	61.06	-0.70	60.36	74.00	-13.64	peak
10	2485.940	49.25	-0.70	48.55	54.00	-5.45	AVG
11	2489.740	58.17	-0.68	57.49	74.00	-16.51	peak
12	2489.740	47.52	-0.68	46.84	54.00	-7.16	AVG

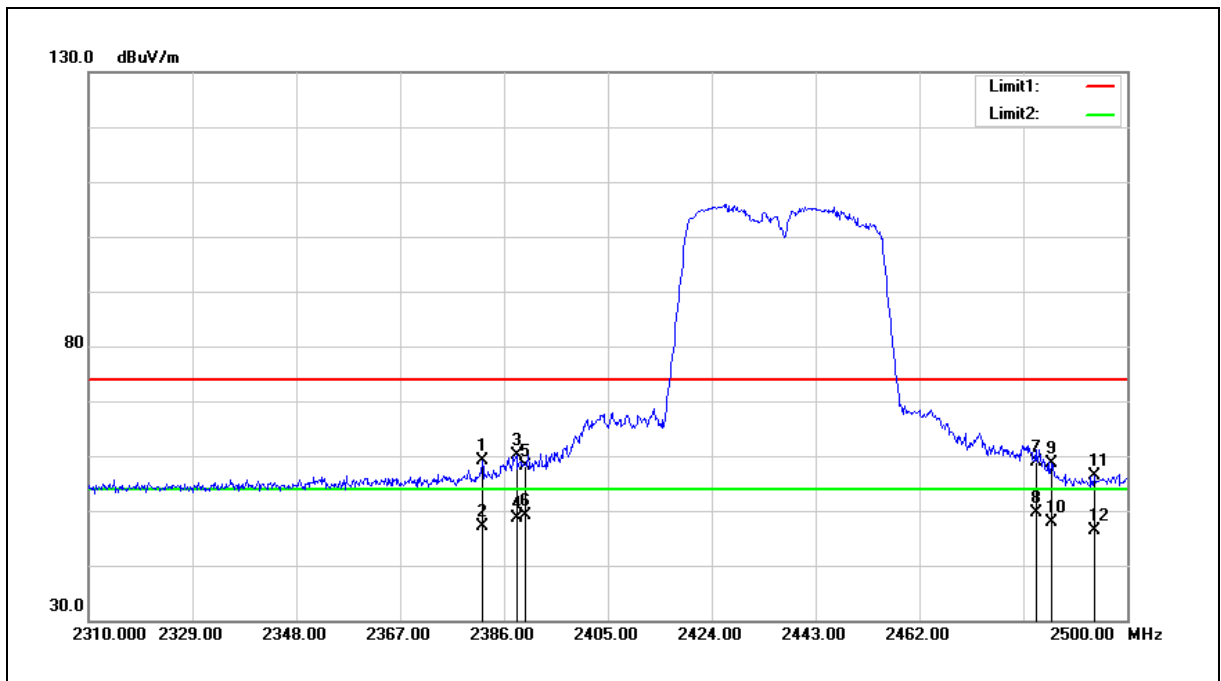
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

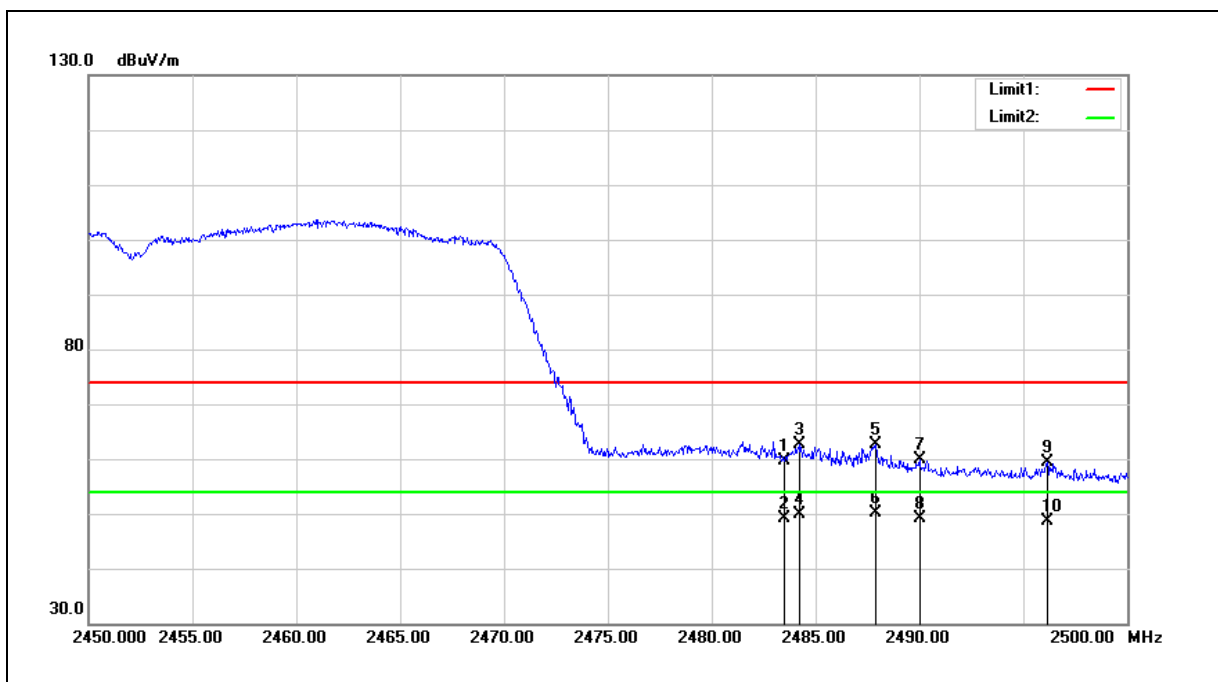
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.010	60.14	-1.08	59.06	74.00	-14.94	peak
2	2382.010	48.18	-1.08	47.10	54.00	-6.90	AVG
3	2388.280	61.28	-1.05	60.23	74.00	-13.77	peak
4	2388.280	49.64	-1.05	48.59	54.00	-5.41	AVG
5	2390.000	59.19	-1.05	58.14	74.00	-15.86	peak
6	2390.000	50.15	-1.05	49.10	54.00	-4.90	AVG
7	2483.500	59.48	-0.70	58.78	74.00	-15.22	peak
8	2483.500	50.27	-0.70	49.57	54.00	-4.43	AVG
9	2486.130	59.43	-0.70	58.73	74.00	-15.27	peak
10	2486.130	48.58	-0.70	47.88	54.00	-6.12	AVG
11	2493.920	57.16	-0.67	56.49	74.00	-17.51	peak
12	2493.920	47.02	-0.67	46.35	54.00	-7.65	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:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



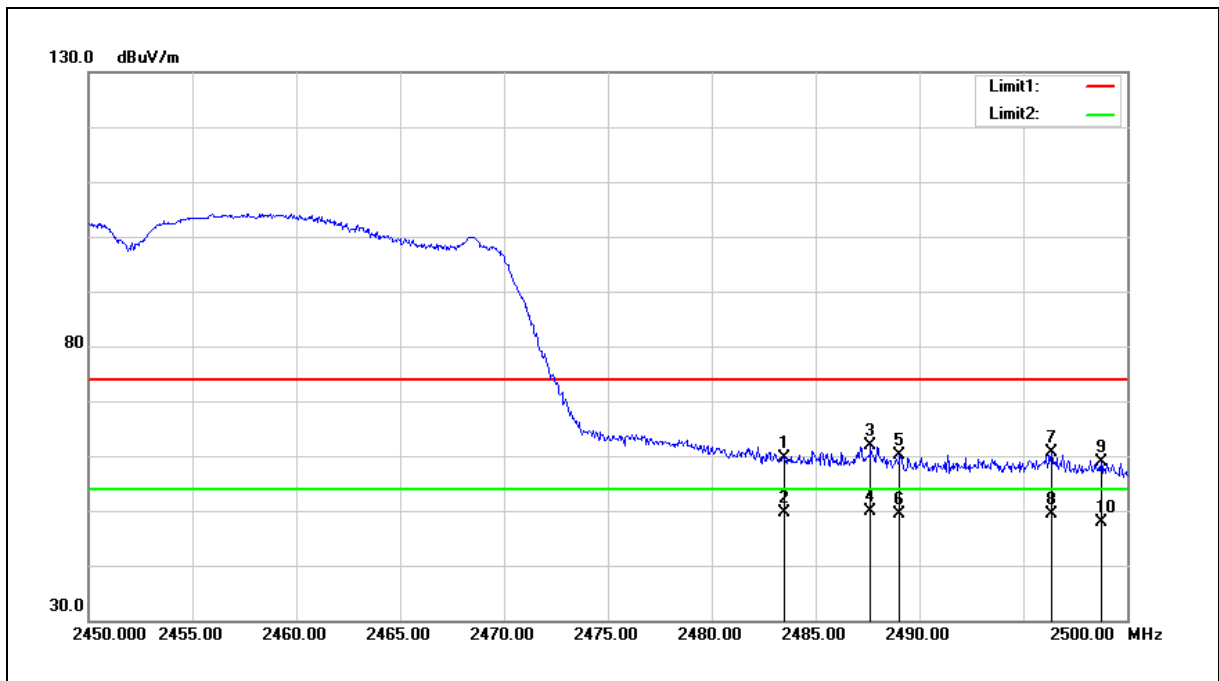
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	60.43	-0.70	59.73	74.00	-14.27	peak
2	2483.500	49.91	-0.70	49.21	54.00	-4.79	AVG
3	2484.250	63.26	-0.70	62.56	74.00	-11.44	peak
4	2484.250	50.66	-0.70	49.96	54.00	-4.04	AVG
5	2487.900	63.27	-0.68	62.59	74.00	-11.41	peak
6	2487.900	50.71	-0.68	50.03	54.00	-3.97	AVG
7	2490.000	60.51	-0.68	59.83	74.00	-14.17	peak
8	2490.000	49.88	-0.68	49.20	54.00	-4.80	AVG
9	2496.150	59.93	-0.65	59.28	74.00	-14.72	peak
10	2496.150	49.23	-0.65	48.58	54.00	-5.42	AVG

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	60.42	-0.70	59.72	74.00	-14.28	peak
2	2483.500	50.44	-0.70	49.74	54.00	-4.26	AVG
3	2487.650	62.44	-0.68	61.76	74.00	-12.24	peak
4	2487.650	50.53	-0.68	49.85	54.00	-4.15	AVG
5	2489.050	60.85	-0.68	60.17	74.00	-13.83	peak
6	2489.050	50.11	-0.68	49.43	54.00	-4.57	AVG
7	2496.350	61.18	-0.65	60.53	74.00	-13.47	peak
8	2496.350	49.95	-0.65	49.30	54.00	-4.70	AVG
9	2498.750	59.42	-0.64	58.78	74.00	-15.22	peak
10	2498.750	48.59	-0.64	47.95	54.00	-6.05	AVG

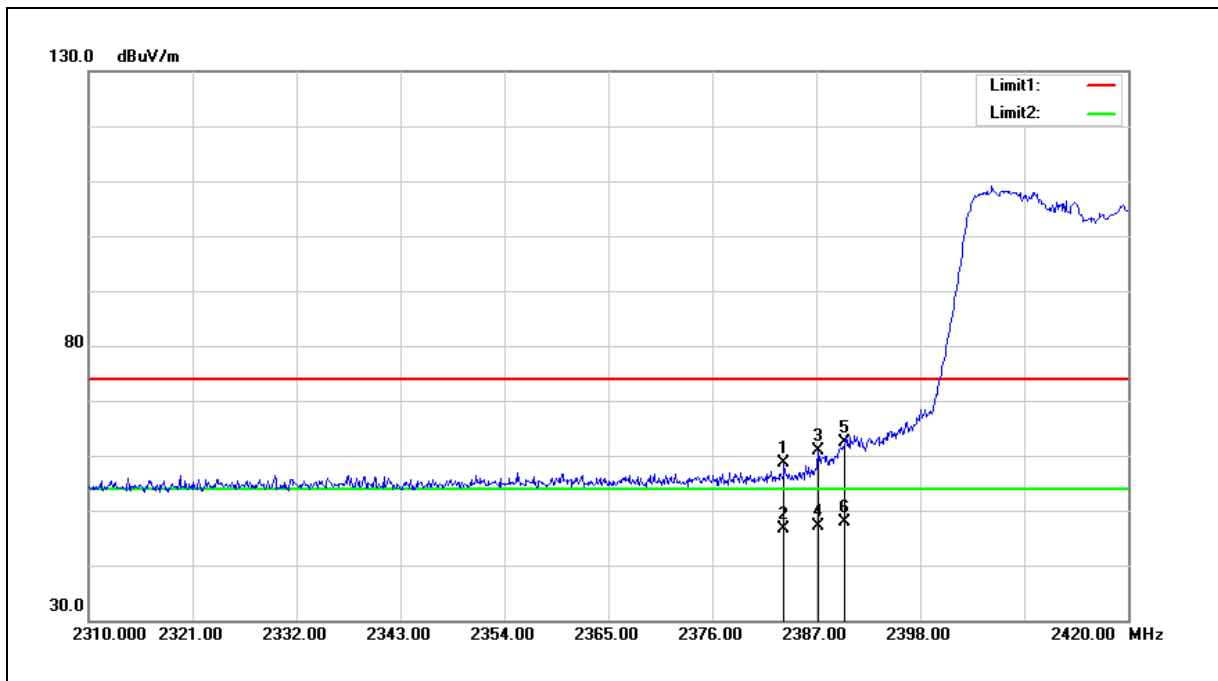
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Beamforming on

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2383.590	59.64	-1.07	58.57	74.00	-15.43	peak
2	2383.590	47.62	-1.07	46.55	54.00	-7.45	AVG
3	2387.220	61.94	-1.06	60.88	74.00	-13.12	peak
4	2387.220	48.09	-1.06	47.03	54.00	-6.97	AVG
5	2390.000	63.51	-1.05	62.46	74.00	-11.54	peak
6	2390.000	48.87	-1.05	47.82	54.00	-6.18	AVG

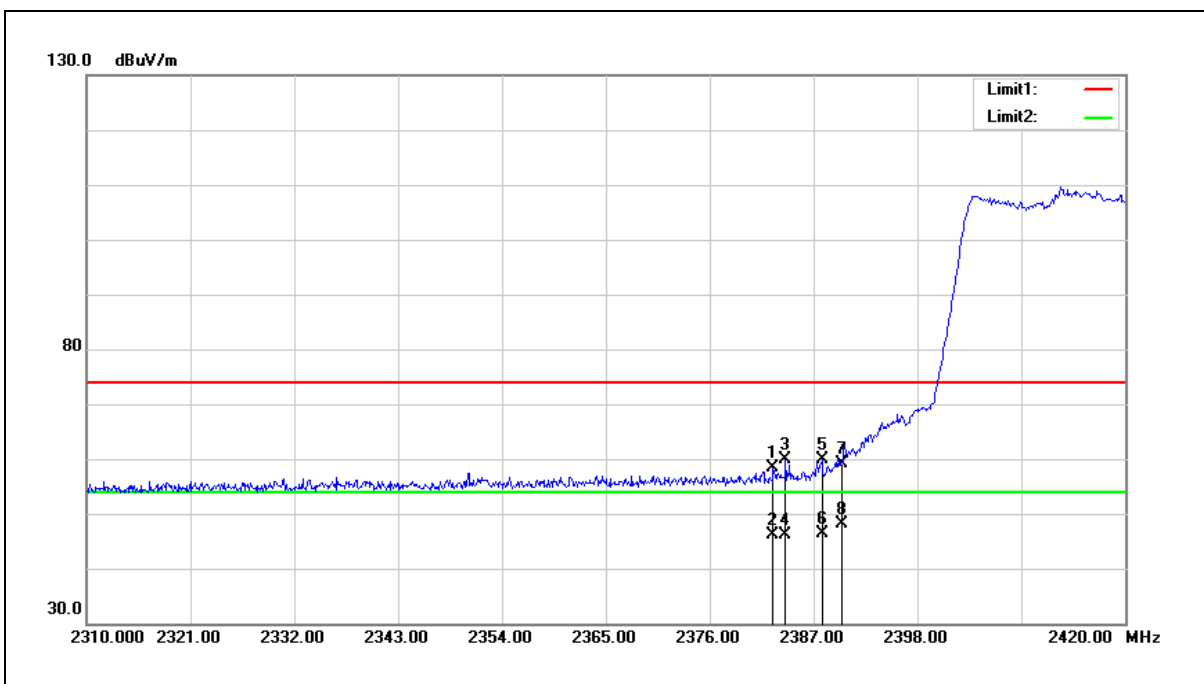
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



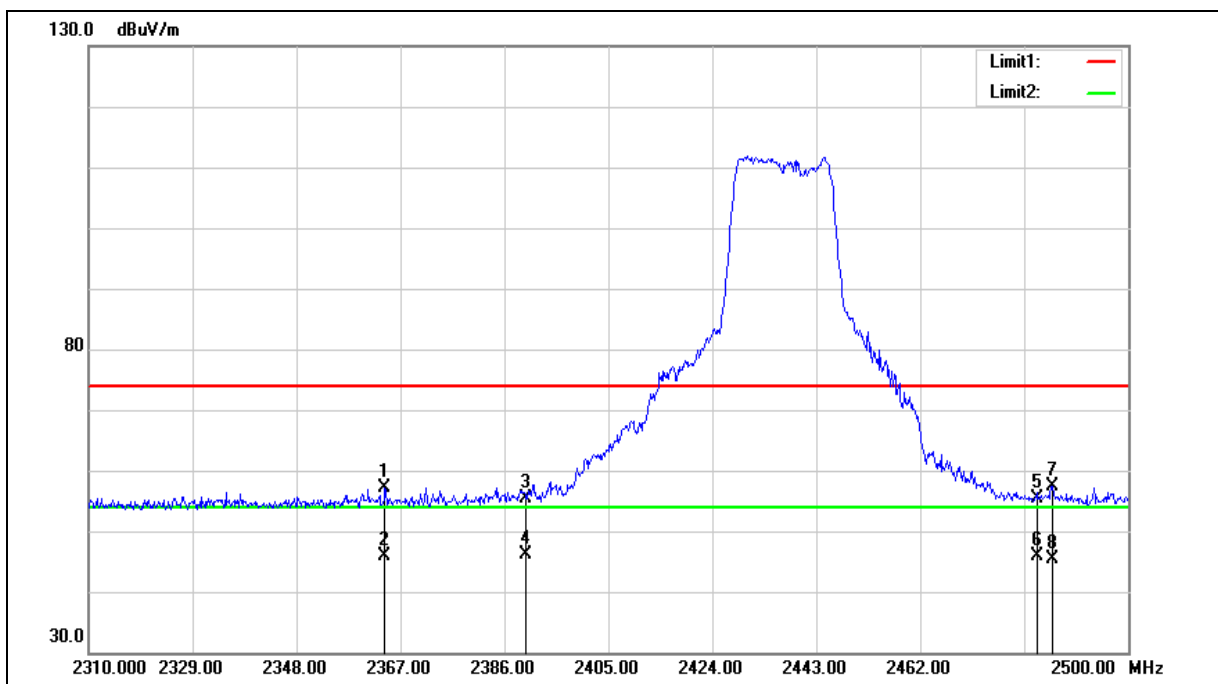
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.710	59.38	-1.07	58.31	74.00	-15.69	peak
2	2382.710	47.12	-1.07	46.05	54.00	-7.95	AVG
3	2384.030	60.98	-1.07	59.91	74.00	-14.09	peak
4	2384.030	47.27	-1.07	46.20	54.00	-7.80	AVG
5	2387.880	60.88	-1.05	59.83	74.00	-14.17	peak
6	2387.880	47.53	-1.05	46.48	54.00	-7.52	AVG
7	2390.000	60.22	-1.05	59.17	74.00	-14.83	peak
8	2390.000	49.18	-1.05	48.13	54.00	-5.87	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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2364.150	58.32	-1.13	57.19	74.00	-16.81	peak
2	2364.150	46.90	-1.13	45.77	54.00	-8.23	AVG
3	2390.000	56.54	-1.05	55.49	74.00	-18.51	peak
4	2390.000	47.17	-1.05	46.12	54.00	-7.88	AVG
5	2483.500	56.17	-0.70	55.47	74.00	-18.53	peak
6	2483.500	46.53	-0.70	45.83	54.00	-8.17	AVG
7	2486.130	58.13	-0.70	57.43	74.00	-16.57	peak
8	2486.130	46.16	-0.70	45.46	54.00	-8.54	AVG

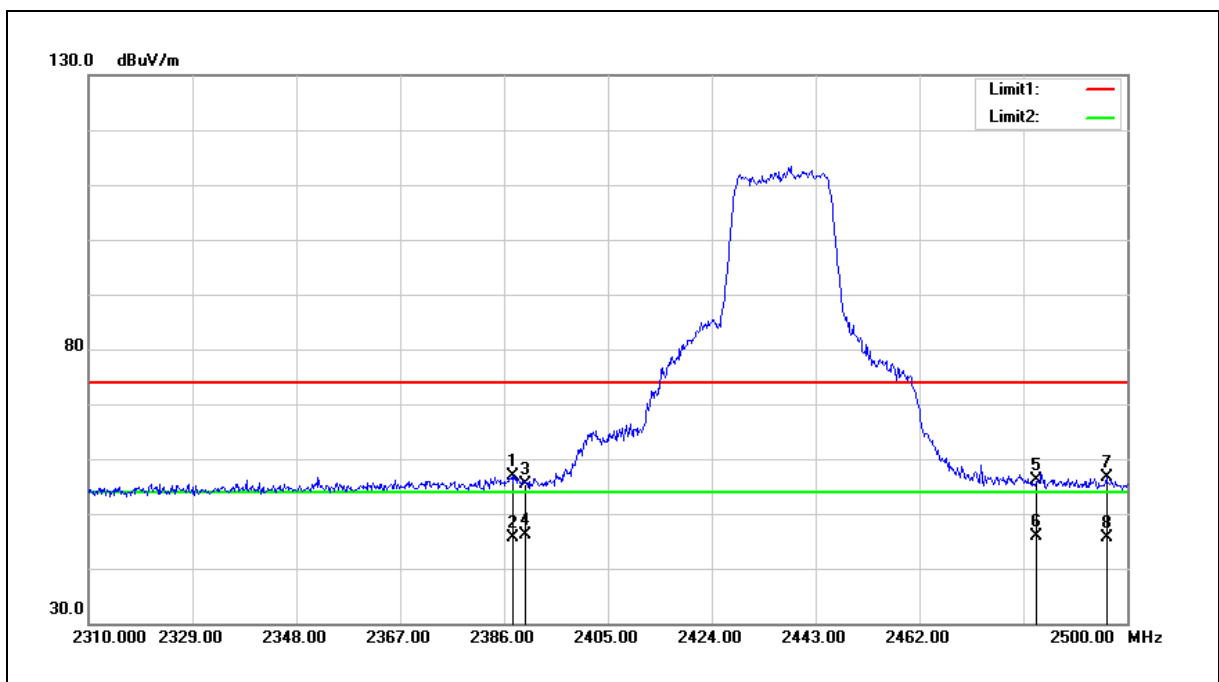
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.520	57.98	-1.05	56.93	74.00	-17.07	peak
2	2387.520	46.61	-1.05	45.56	54.00	-8.44	AVG
3	2390.000	56.41	-1.05	55.36	74.00	-18.64	peak
4	2390.000	47.06	-1.05	46.01	54.00	-7.99	AVG
5	2483.500	56.74	-0.70	56.04	74.00	-17.96	peak
6	2483.500	46.65	-0.70	45.95	54.00	-8.05	AVG
7	2496.200	57.39	-0.65	56.74	74.00	-17.26	peak
8	2496.200	46.25	-0.65	45.60	54.00	-8.40	AVG

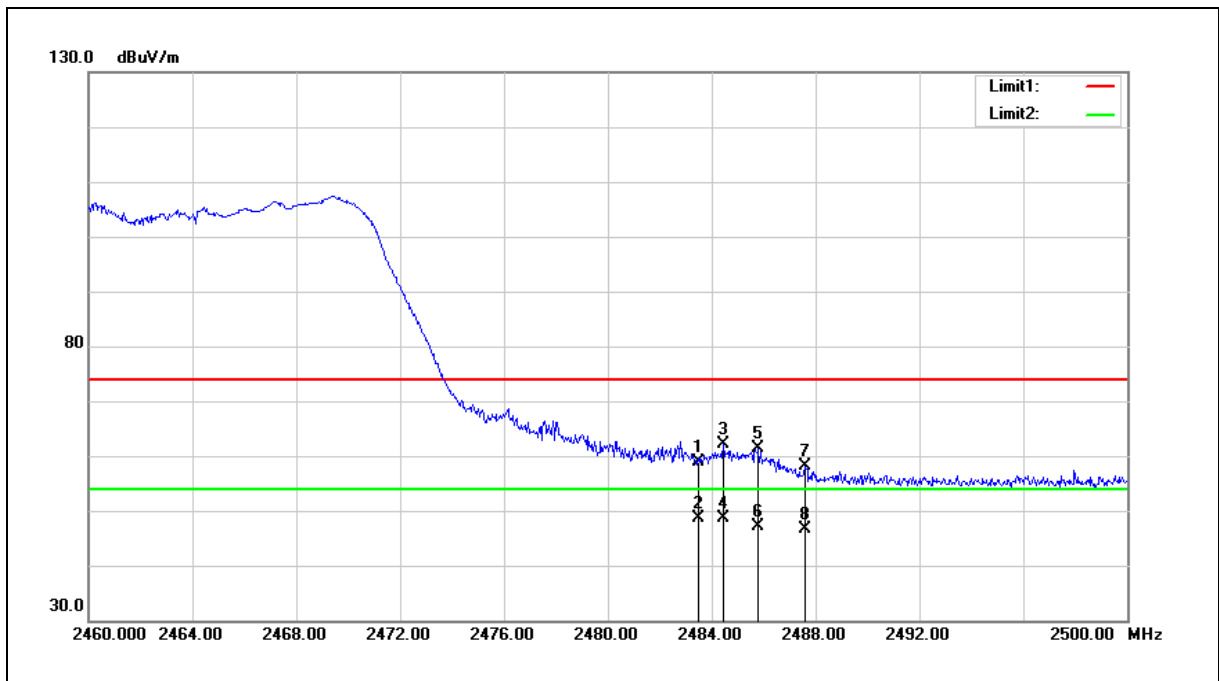
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



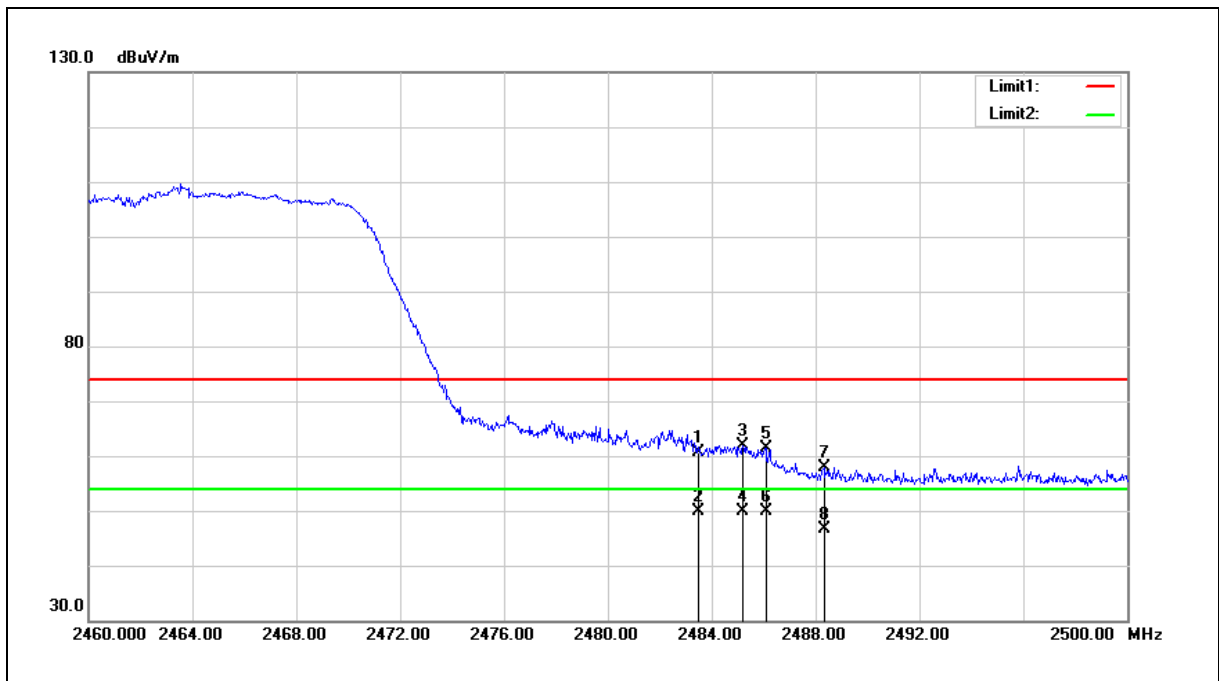
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	59.68	-0.70	58.98	74.00	-15.02	peak
2	2483.500	49.42	-0.70	48.72	54.00	-5.28	AVG
3	2484.440	62.78	-0.70	62.08	74.00	-11.92	peak
4	2484.440	49.45	-0.70	48.75	54.00	-5.25	AVG
5	2485.800	61.97	-0.70	61.27	74.00	-12.73	peak
6	2485.800	47.87	-0.70	47.17	54.00	-6.83	AVG
7	2487.600	58.79	-0.68	58.11	74.00	-15.89	peak
8	2487.600	47.34	-0.68	46.66	54.00	-7.34	AVG

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	61.45	-0.70	60.75	74.00	-13.25	peak
2	2483.500	50.50	-0.70	49.80	54.00	-4.20	AVG
3	2485.200	62.66	-0.70	61.96	74.00	-12.04	peak
4	2485.200	50.62	-0.70	49.92	54.00	-4.08	AVG
5	2486.080	62.11	-0.70	61.41	74.00	-12.59	peak
6	2486.080	50.59	-0.70	49.89	54.00	-4.11	AVG
7	2488.320	58.63	-0.68	57.95	74.00	-16.05	peak
8	2488.320	47.29	-0.68	46.61	54.00	-7.39	AVG

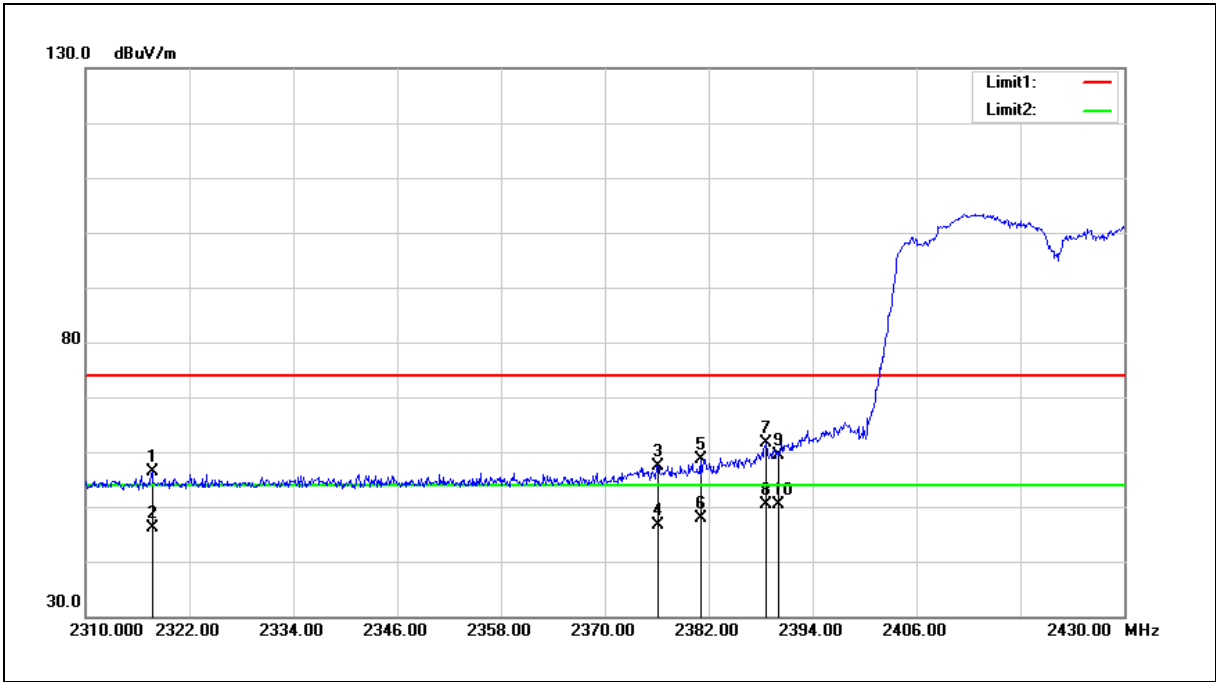
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2317.680	57.70	-1.31	56.39	74.00	-17.61	peak
2	2317.680	47.33	-1.31	46.02	54.00	-7.98	AVG
3	2376.120	58.54	-1.10	57.44	74.00	-16.56	peak
4	2376.120	47.65	-1.10	46.55	54.00	-7.45	AVG
5	2381.040	59.76	-1.08	58.68	74.00	-15.32	peak
6	2381.040	48.94	-1.08	47.86	54.00	-6.14	AVG
7	2388.600	62.56	-1.05	61.51	74.00	-12.49	peak
8	2388.600	51.33	-1.05	50.28	54.00	-3.72	AVG
9	2390.000	60.40	-1.05	59.35	74.00	-14.65	peak
10	2390.000	51.47	-1.05	50.42	54.00	-3.58	AVG

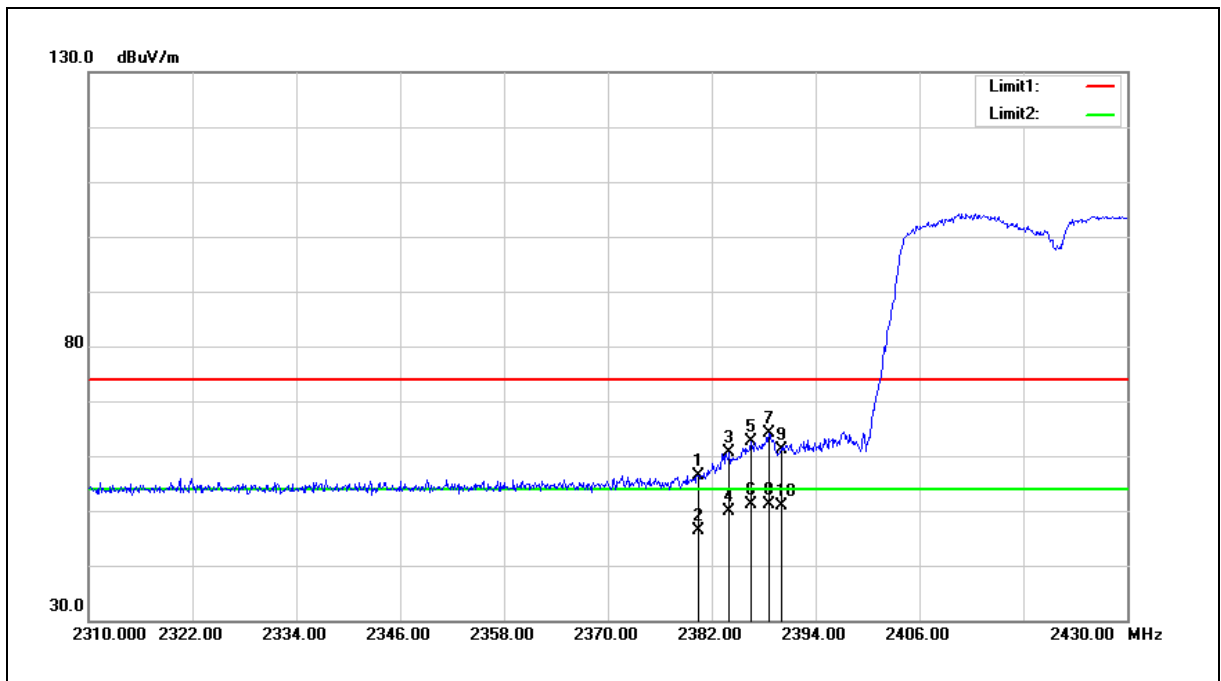
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2380.440	57.51	-1.08	56.43	74.00	-17.57	peak
2	2380.440	47.58	-1.08	46.50	54.00	-7.50	AVG
3	2384.040	61.63	-1.07	60.56	74.00	-13.44	peak
4	2384.040	50.89	-1.07	49.82	54.00	-4.18	AVG
5	2386.560	63.68	-1.06	62.62	74.00	-11.38	peak
6	2386.560	52.12	-1.06	51.06	54.00	-2.94	AVG
7	2388.600	65.22	-1.05	64.17	74.00	-9.83	peak
8	2388.600	52.30	-1.05	51.25	54.00	-2.75	AVG
9	2390.000	62.09	-1.05	61.04	74.00	-12.96	peak
10	2390.000	52.02	-1.05	50.97	54.00	-3.03	AVG

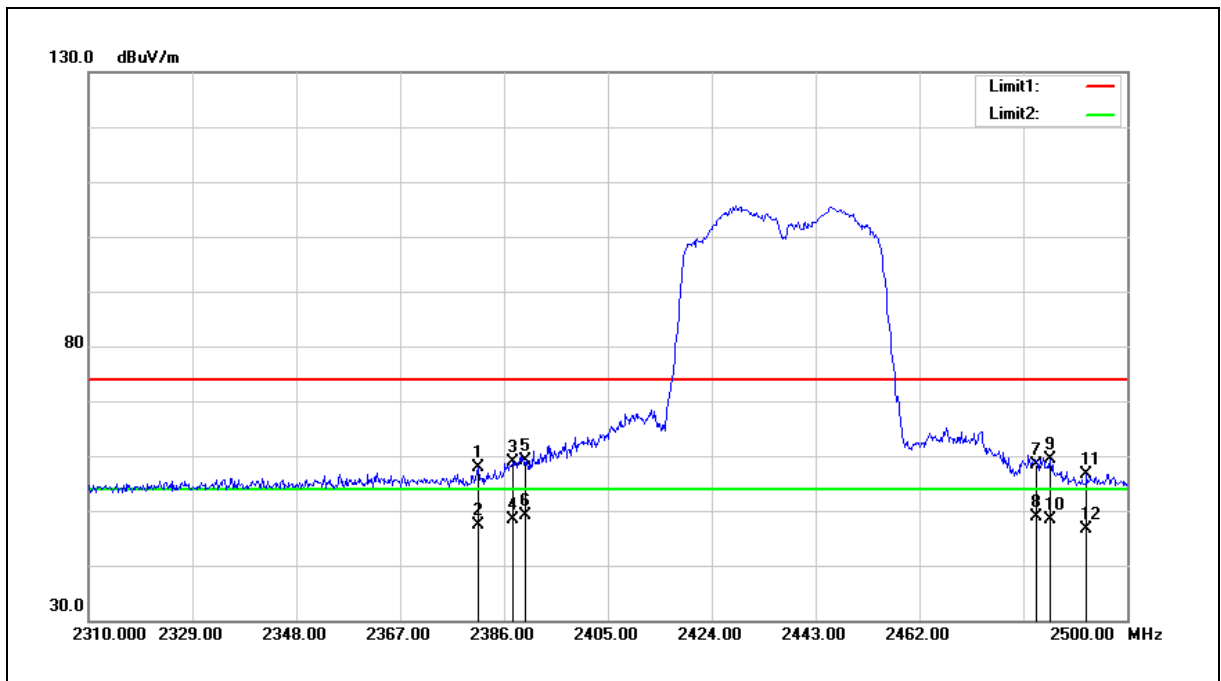
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2381.250	58.89	-1.08	57.81	74.00	-16.19	peak
2	2381.250	48.50	-1.08	47.42	54.00	-6.58	AVG
3	2387.710	60.04	-1.05	58.99	74.00	-15.01	peak
4	2387.710	49.31	-1.05	48.26	54.00	-5.74	AVG
5	2390.000	60.29	-1.05	59.24	74.00	-14.76	peak
6	2390.000	50.16	-1.05	49.11	54.00	-4.89	AVG
7	2483.500	59.04	-0.70	58.34	74.00	-15.66	peak
8	2483.500	49.55	-0.70	48.85	54.00	-5.15	AVG
9	2485.940	60.13	-0.70	59.43	74.00	-14.57	peak
10	2485.940	49.17	-0.70	48.47	54.00	-5.53	AVG
11	2492.590	57.37	-0.67	56.70	74.00	-17.30	peak
12	2492.590	47.27	-0.67	46.60	54.00	-7.40	AVG

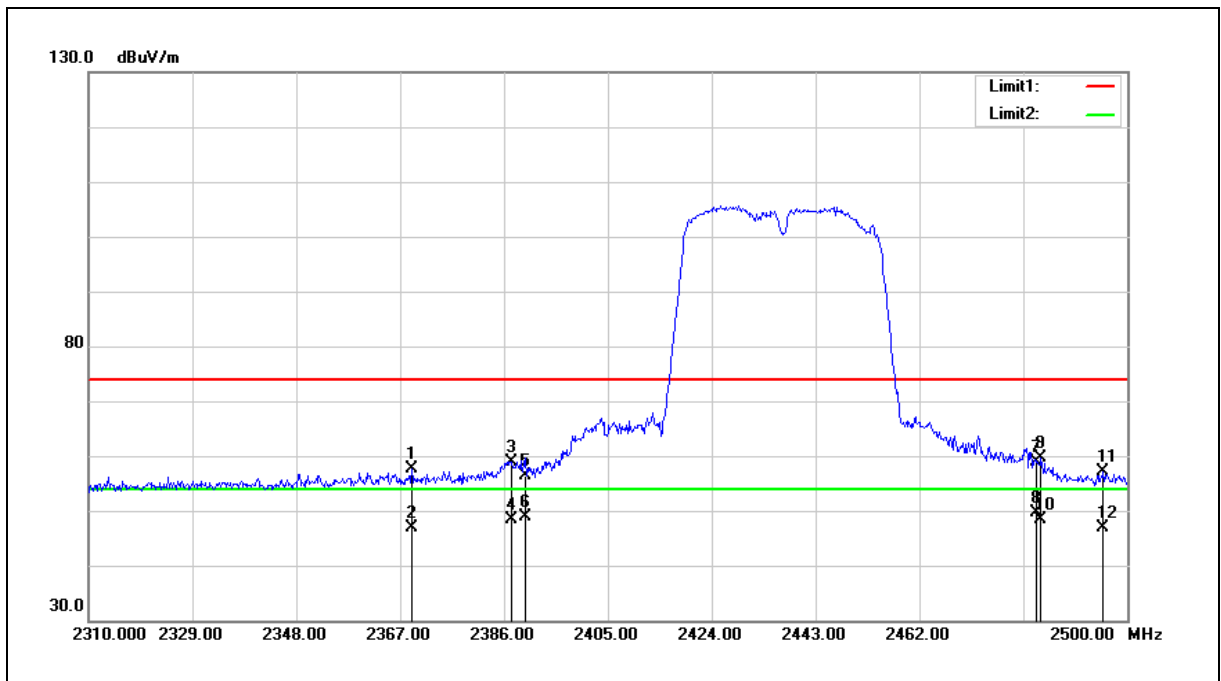
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2369.090	58.79	-1.12	57.67	74.00	-16.33	peak
2	2369.090	48.01	-1.12	46.89	54.00	-7.11	AVG
3	2387.330	60.06	-1.06	59.00	74.00	-15.00	peak
4	2387.330	49.39	-1.06	48.33	54.00	-5.67	AVG
5	2390.000	57.44	-1.05	56.39	74.00	-17.61	peak
6	2390.000	49.99	-1.05	48.94	54.00	-5.06	AVG
7	2483.500	59.59	-0.70	58.89	74.00	-15.11	peak
8	2483.500	50.22	-0.70	49.52	54.00	-4.48	AVG
9	2484.230	60.45	-0.70	59.75	74.00	-14.25	peak
10	2484.230	49.20	-0.70	48.50	54.00	-5.50	AVG
11	2495.630	57.88	-0.66	57.22	74.00	-16.78	peak
12	2495.630	47.59	-0.66	46.93	54.00	-7.07	AVG

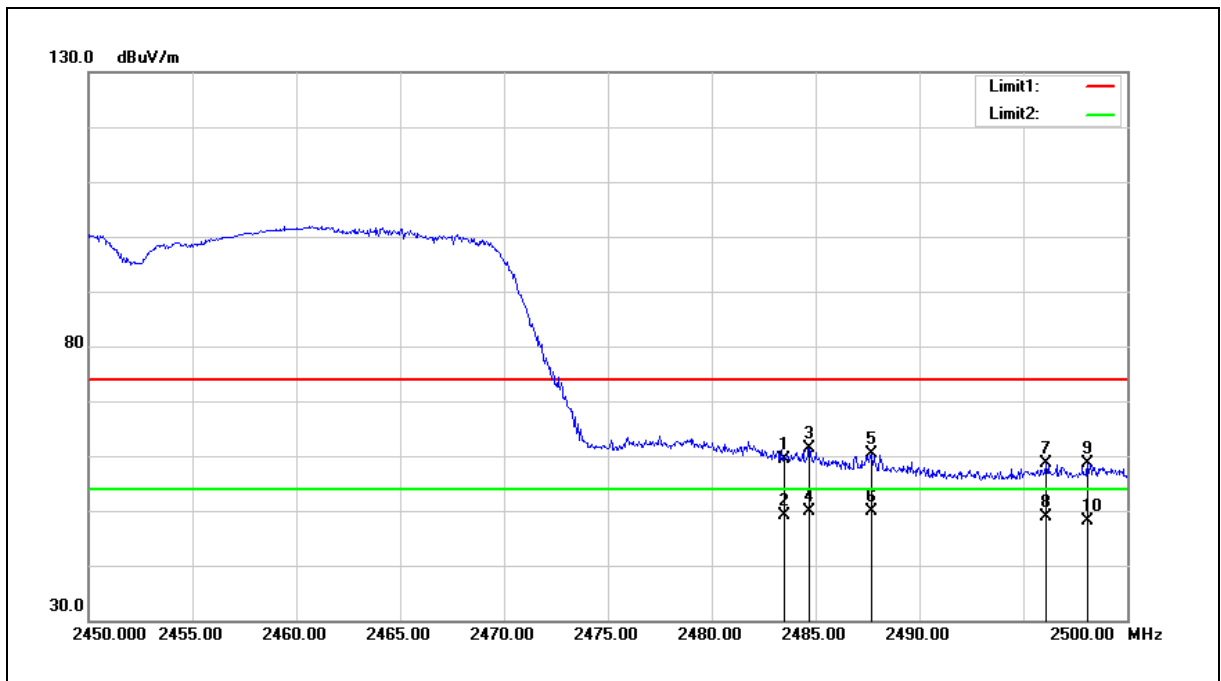
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	60.14	-0.70	59.44	74.00	-14.56	peak
2	2483.500	49.89	-0.70	49.19	54.00	-4.81	AVG
3	2484.700	62.09	-0.70	61.39	74.00	-12.61	peak
4	2484.700	50.60	-0.70	49.90	54.00	-4.10	AVG
5	2487.700	61.13	-0.68	60.45	74.00	-13.55	peak
6	2487.700	50.47	-0.68	49.79	54.00	-4.21	AVG
7	2496.100	59.17	-0.65	58.52	74.00	-15.48	peak
8	2496.100	49.62	-0.65	48.97	54.00	-5.03	AVG
9	2498.100	59.37	-0.64	58.73	74.00	-15.27	peak
10	2498.100	48.86	-0.64	48.22	54.00	-5.78	AVG

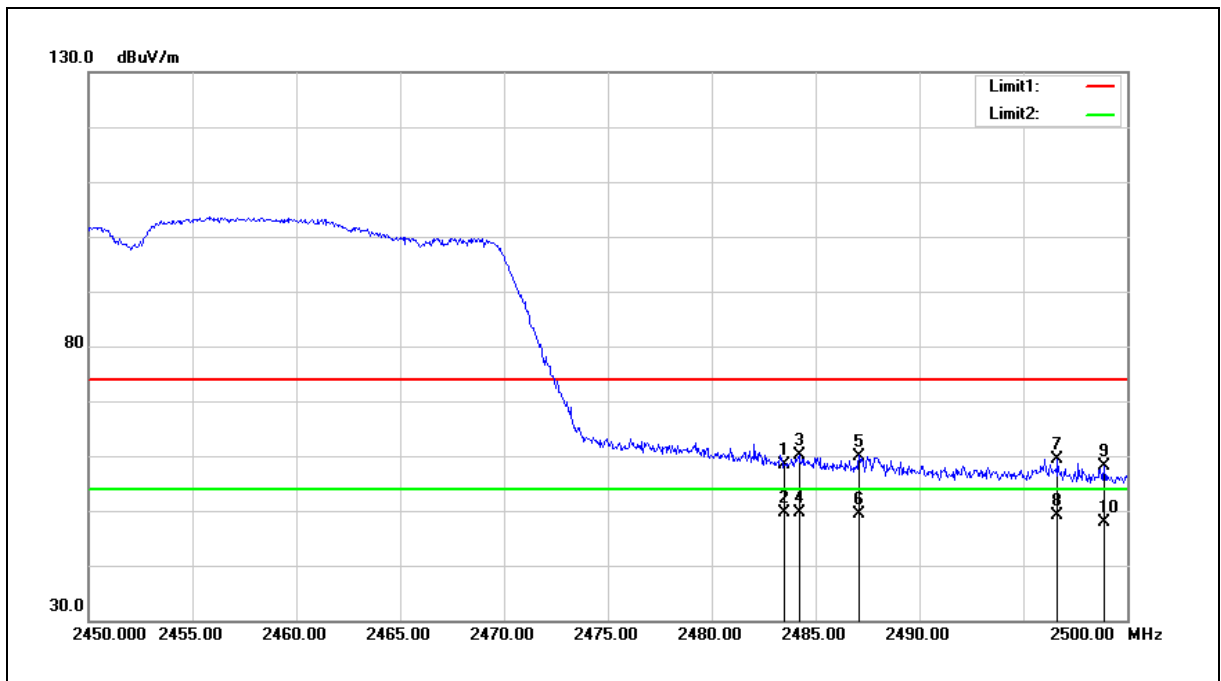
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	59.11	-0.70	58.41	74.00	-15.59	peak
2	2483.500	50.32	-0.70	49.62	54.00	-4.38	AVG
3	2484.200	60.78	-0.70	60.08	74.00	-13.92	peak
4	2484.200	50.43	-0.70	49.73	54.00	-4.27	AVG
5	2487.100	60.69	-0.69	60.00	74.00	-14.00	peak
6	2487.100	50.06	-0.69	49.37	54.00	-4.63	AVG
7	2496.650	60.10	-0.65	59.45	74.00	-14.55	peak
8	2496.650	49.80	-0.65	49.15	54.00	-4.85	AVG
9	2498.900	58.75	-0.64	58.11	74.00	-15.89	peak
10	2498.900	48.46	-0.64	47.82	54.00	-6.18	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.

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