

Appendix

BLE Test Data

"Shanghai ATBL Technology Co., Ltd." hereby certifies that according to actual testing conditions. The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards, or regulations, ATBL shall not assume any responsibility. The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material. This report will be void without authorized signature or special seal for testing report. Do not copied without authorization.

Conducted Test Data

Conducted Output Power

Test Result

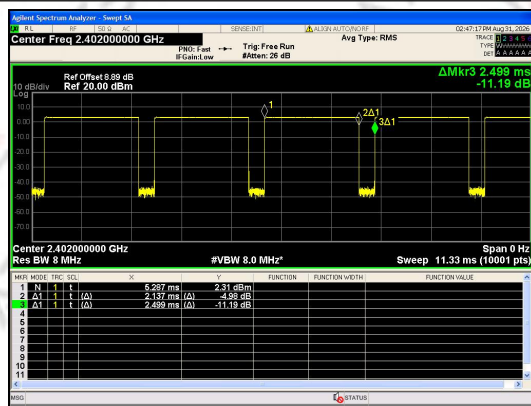
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Verdict
BLE 1M	0	3.339	2.16	≤30	PASS
	19	2.748	1.88	≤30	PASS
	39	3.365	2.17	≤30	PASS
BLE 2M	0	3.232	2.1	≤30	PASS
	19	2.620	1.83	≤30	PASS
	39	3.426	2.2	≤30	PASS

Duty Cycle

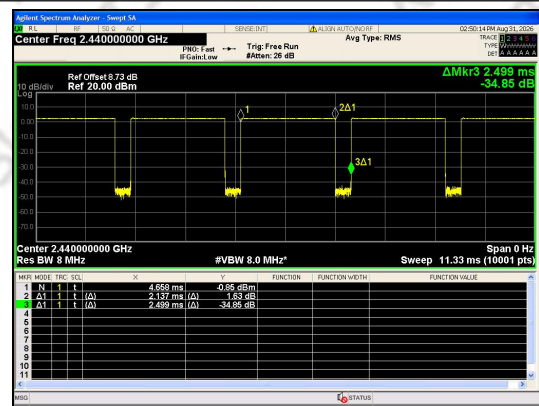
Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.1375	2.499	85.53	0.8553	0.6788	0.4678
	19	2.1375	2.499	85.53	0.8553	0.6788	0.4678
	39	2.1375	2.499	85.53	0.8553	0.6788	0.4678
BLE 2M	0	1.0801	1.875	57.62	0.5762	2.3943	0.9258
	19	1.0800	1.874	57.62	0.5762	2.3943	0.9259
	39	1.0808	1.874	57.66	0.5766	2.3913	0.9252

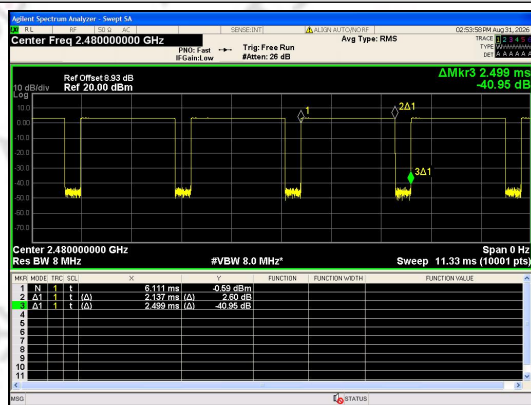
Test Graphs



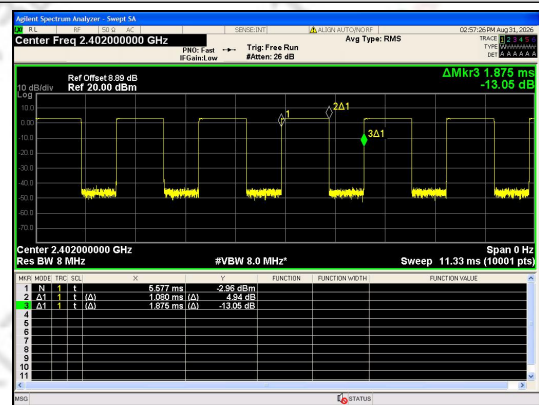
BLE 1M_Channel 0



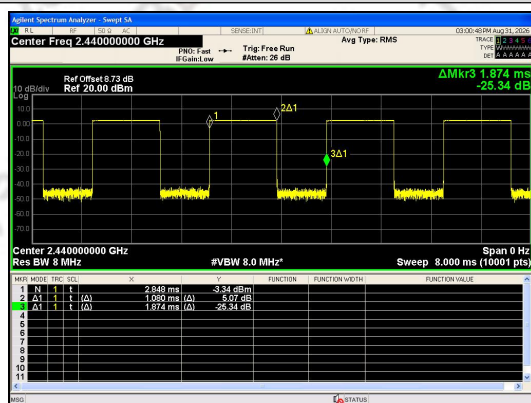
BLE 1M_Channel 19



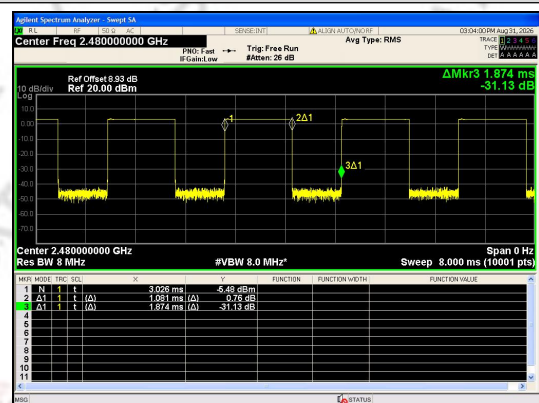
BLE 1M_Channel 39



BLE 2M_Channel 0



BLE 2M_Channel 19



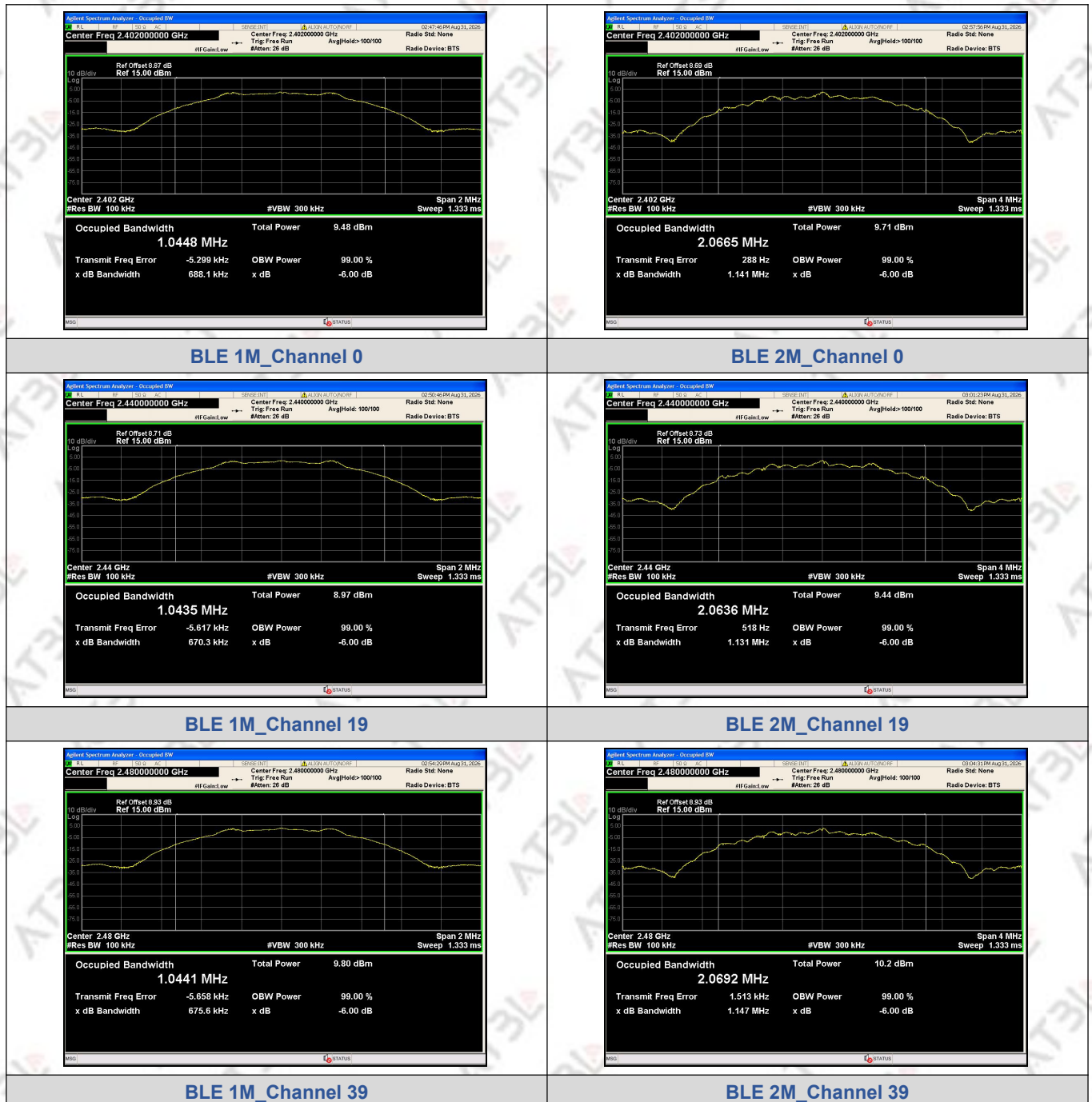
BLE 2M_Channel 39

6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Verdict
BLE 1M	0	2402	0.6881	≥0.5	PASS
	19	2440	0.6703		PASS
	39	2480	0.6756		PASS
BLE 2M	0	2402	1.141		PASS
	19	2440	1.131		PASS
	39	2480	1.147		PASS

Test Graphs

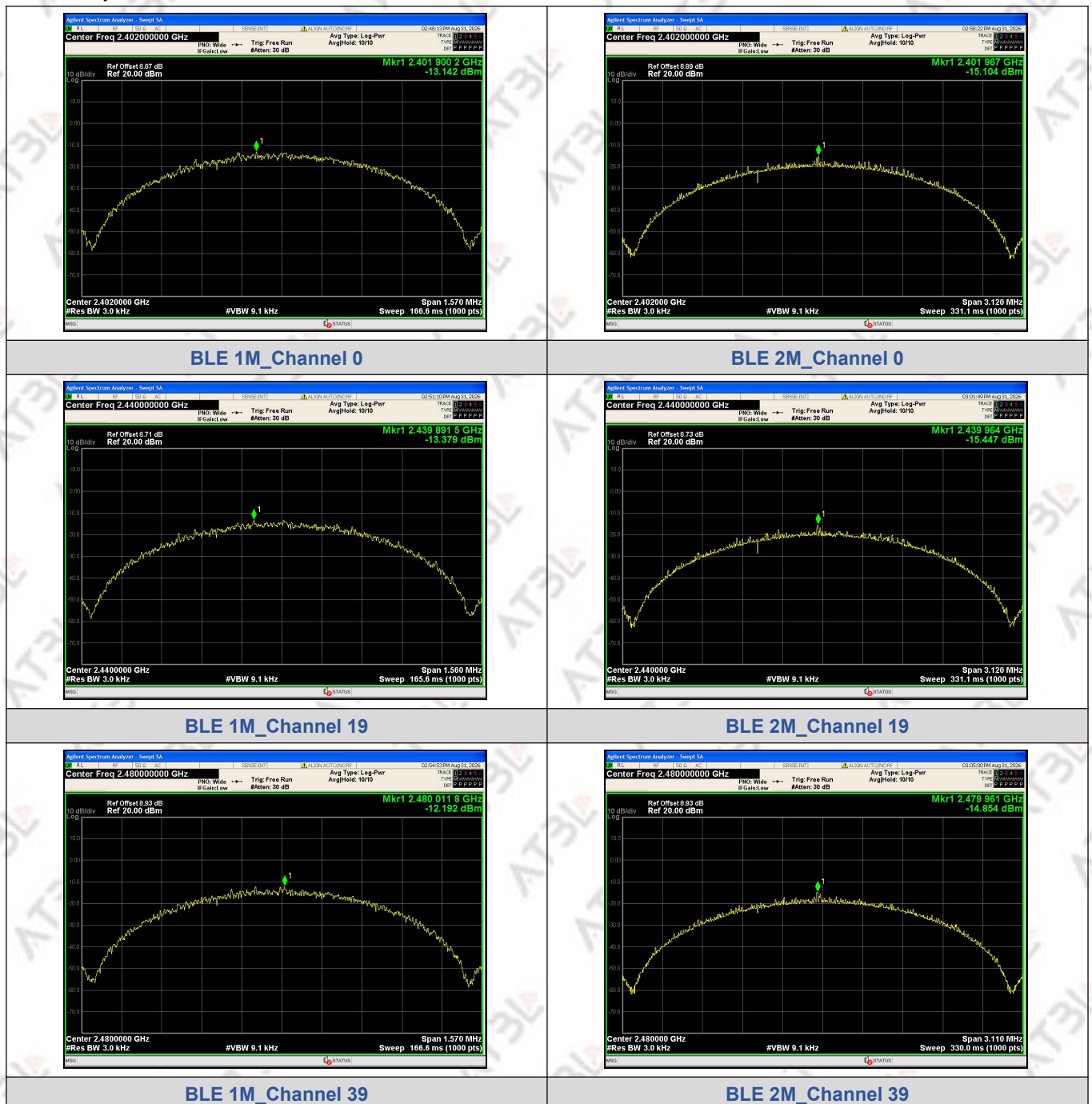


Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	0	-13.140	≤8	PASS
BLE 1M	19	-13.380	≤8	PASS
BLE 1M	39	-12.190	≤8	PASS
BLE 2M	0	-15.100	≤8	PASS
BLE 2M	19	-15.450	≤8	PASS
BLE 2M	39	-14.850	≤8	PASS

Test Graphs



Conducted Spurious & Band Edge Emission

Note: The maximum loss of the test system for testing at 30MHz-26.5GHz is 17.2dB. The offset on the test chart is the offset of the main frequency, and the margin is sufficient to offset the difference between the maximum loss of the system and the offset of the main frequency.

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Verdict
BLE 1M	0	2396.60	-51.999	-17.33	-34.669	PASS
		2400.00	-53.771	-17.33	-36.441	PASS
		4804.30	-58.811	-17.33	-41.481	PASS
		7205.80	-63.470	-17.33	-46.140	PASS
		9609.70	-63.961	-17.33	-46.631	PASS
		24734.7	-51.298	-17.33	-33.968	PASS
	19	4880.42	-61.205	-17.81	-43.395	PASS
		7318.74	-64.862	-17.81	-47.052	PASS
		9758.94	-65.795	-17.81	-47.985	PASS
		24718.5	-50.926	-17.81	-33.116	PASS
	39	2483.50	-54.874	-17.27	-37.604	PASS
		4959.70	-58.273	-17.27	-41.002	PASS
		7441.10	-64.523	-17.27	-47.253	PASS
		9921.87	-64.112	-17.27	-46.842	PASS
		24893.2	-51.197	-17.27	-33.927	PASS
BLE 2M	0	2400.00	-29.737	-17.30	-12.437	PASS
		4804.26	-60.299	-17.30	-42.999	PASS
		7206.38	-63.691	-17.30	-46.391	PASS
		9607.87	-63.817	-17.30	-46.517	PASS
		24716.0	-51.783	-17.30	-34.483	PASS
	19	4879.17	-61.080	-17.85	-43.230	PASS
		7321.86	-63.798	-17.85	-45.948	PASS
		9759.56	-65.202	-17.85	-47.352	PASS
		24676.0	-51.566	-17.85	-33.716	PASS
	39	2483.50	-54.458	-16.98	-37.478	PASS
		4960.95	-59.862	-16.98	-42.882	PASS
		7439.22	-64.609	-16.98	-47.629	PASS
		9921.87	-65.650	-16.98	-48.670	PASS
		24955.7	-52.380	-16.98	-35.400	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

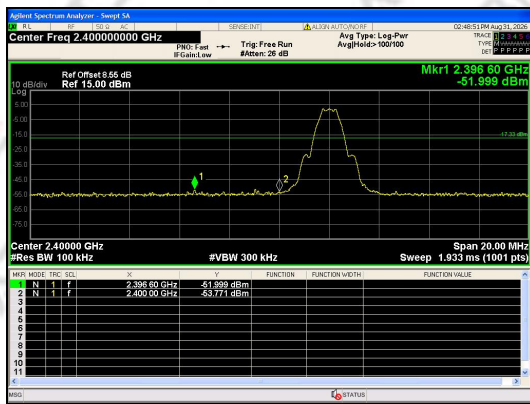
Test Graphs



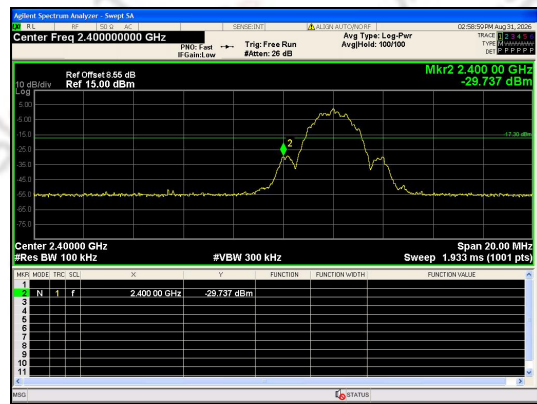
In-Band Reference Level
BLE 1M_Channel 0



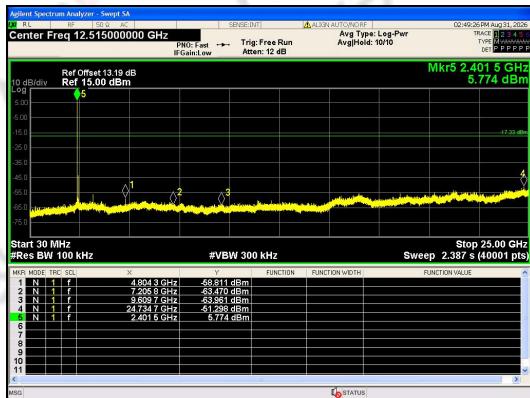
In-Band Reference Level
BLE 2M_Channel 0



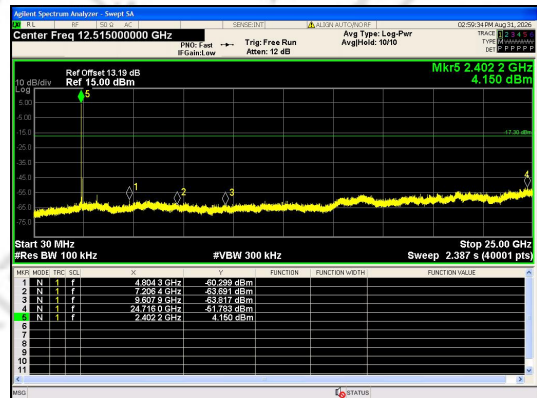
Out Of Band Emission
BLE 1M_Channel 0



Out Of Band Emission
BLE 2M_Channel 0



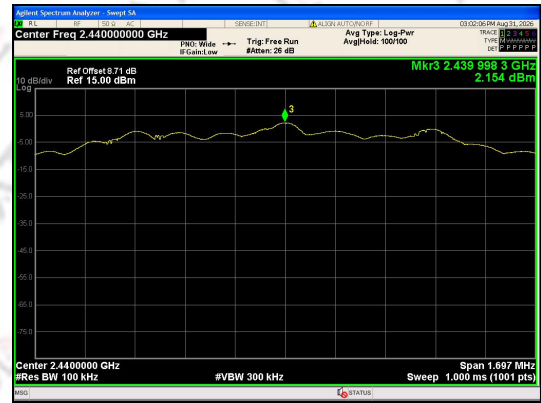
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



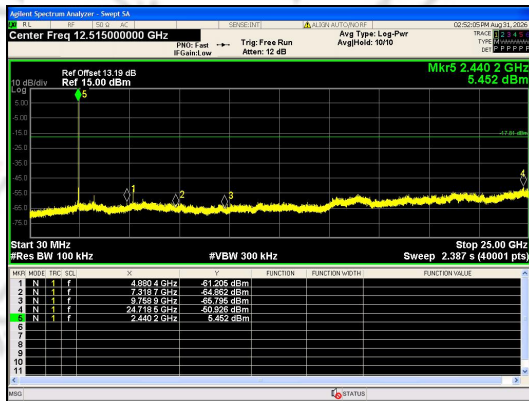
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



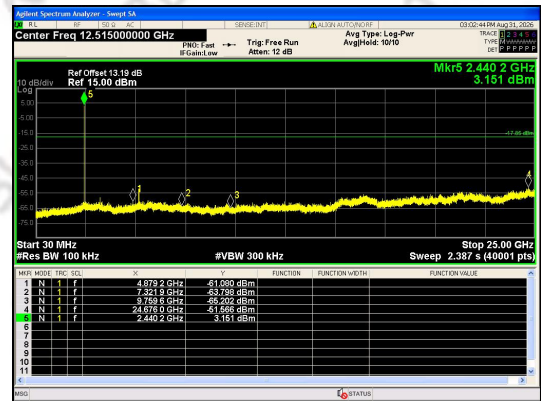
In-Band Reference Level
BLE 1M_Channel 19



In-Band Reference Level
BLE 2M_Channel 19



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



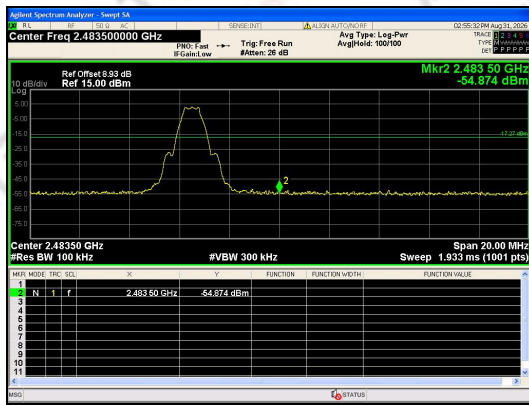
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



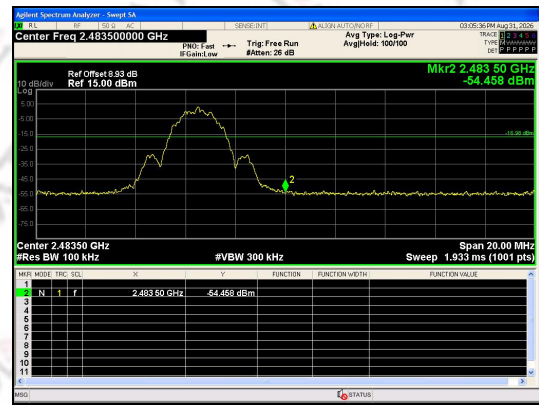
In-Band Reference Level
BLE 1M_Channel 39



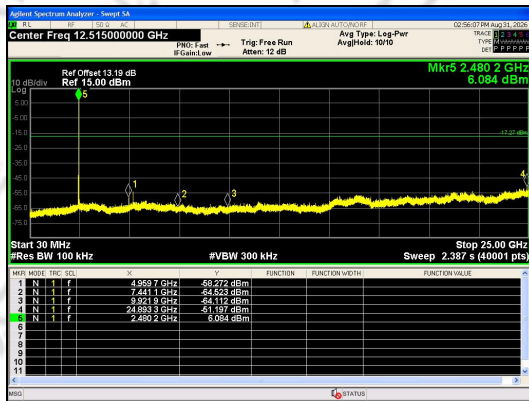
In-Band Reference Level
BLE 2M_Channel 39



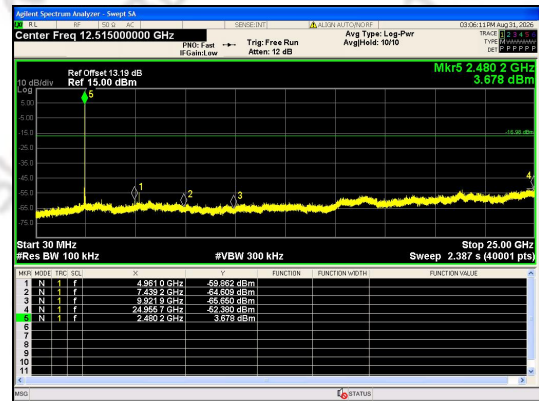
Out Of Band Emission
BLE 1M_Channel 39



Out Of Band Emission
BLE 2M_Channel 39



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39



30.0 MHz - 25000.0 MHz
BLE 2M_Channel 39

Radiated Test Data

Radiated Spurious Emission

Radiated Emission (9KHz-30MHz)

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Radiated Emission (30MHz-1GHz)

Note:

1. All modes have been tested, only worst case mode (BLE 1M) was recorded in the test report.
 2. $\text{Margin} = \text{Result} (\text{Result} = \text{Reading} + \text{Factor}) - \text{Limit}$
 3. $\text{Factor} = \text{Cable Loss} + \text{Antenna Factor} - \text{Amplifier Gain}$
 4. $\text{Reading} = \text{Level} - \text{factor}$
-

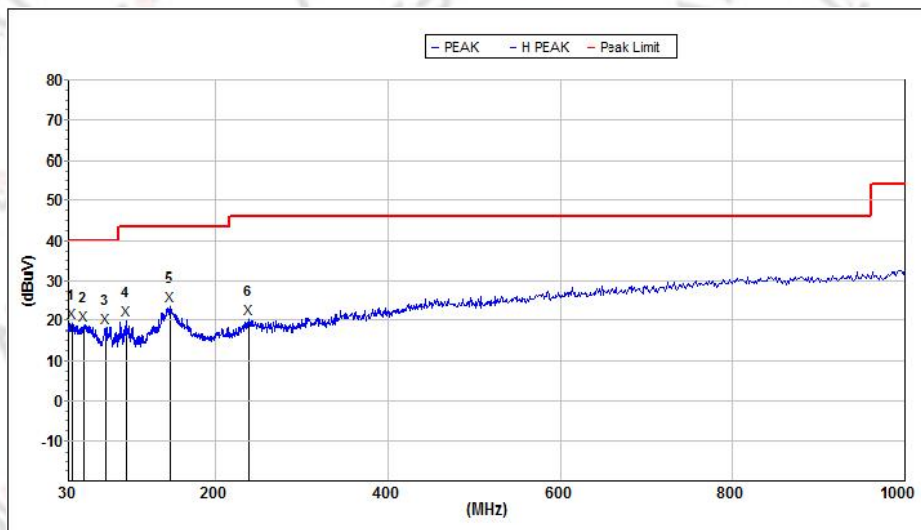
Radiated Emission (Above 1GHz)

Note:

1. All modes have been tested, only worst case mode (BLE 1M) was recorded in the test report.
 2. We used the filter to test and the main frequency was filtered out.
 3. Other 18G-25G Emission detected are more than 20dB below the limit, so no need to be reported.
 4. $\text{Margin} = \text{Result} (\text{Result} = \text{Reading} + \text{Factor}) - \text{Limit}$
 5. $\text{Factor} = \text{Cable Loss} + \text{Antenna Factor} - \text{Amplifier Gain}$
 6. $\text{Reading} = \text{Level} - \text{factor}$
-

Radiated Emission (30MHz-1GHz)

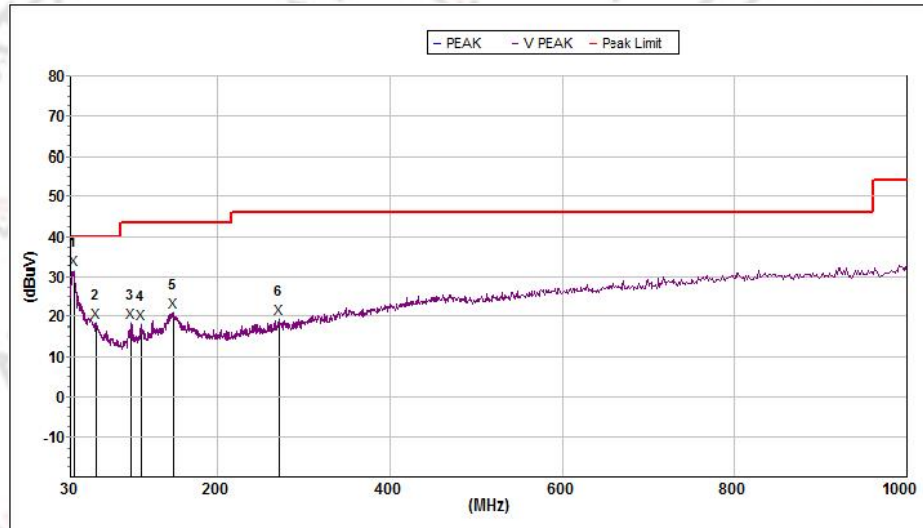
Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE 1M-2402MHz	Comment:	30MHz-1GHz



Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	33.858	19.5	40.0	20.5	-19.7	39.4	1.1	H
2	48.417	18.9	40.0	21.1	-19.2	39.9	1.2	H
3	72.084	18.3	40.0	21.7	-23.2	40.5	1.2	H
4	95.930	20.2	43.5	23.3	-24.2	40.3	1.3	H
5	148.181	23.6	43.5	19.9	-19.8	40.3	1.5	H
6	238.728	20.3	46.0	25.7	-21.0	40.1	1.9	H

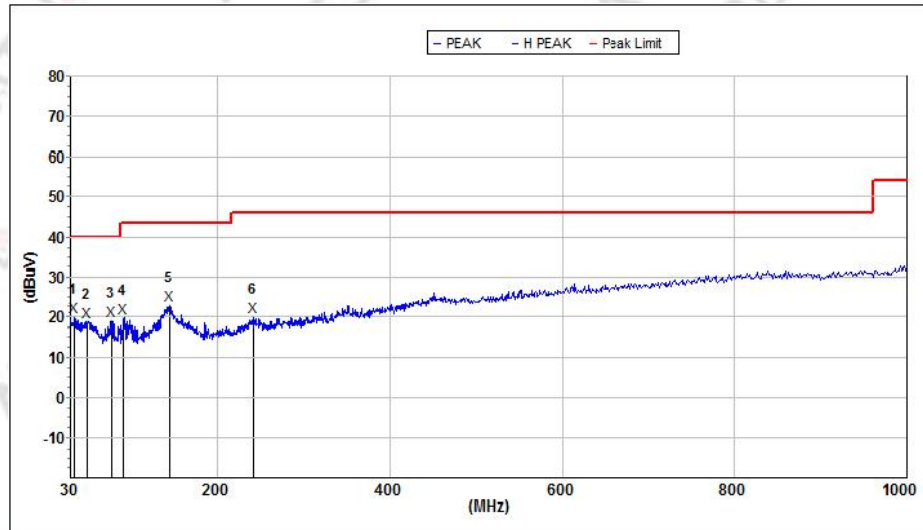
Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE 1M-2402MHz	Comment:	30MHz-1GHz



Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	33.858	31.6	40.0	8.4	-19.7	39.4	1.1	V
2	59.025	18.6	40.0	21.4	-20.8	40.2	1.2	V
3	99.703	18.6	43.5	24.9	-24.2	40.3	1.3	V
4	111.347	18.1	43.5	25.4	-23.1	40.3	1.4	V
5	148.702	21.0	43.5	22.5	-19.7	40.3	1.5	V
6	271.801	19.6	46.0	26.4	-19.7	40.0	2.0	V

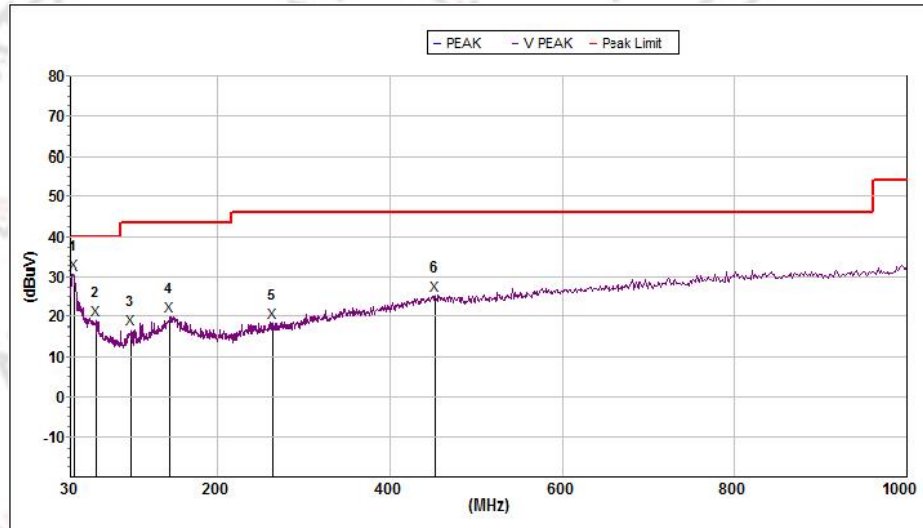
Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE 1M-2440MHz	Comment:	30MHz-1GHz



Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	34.821	20.0	40.0	20.0	-19.7	39.5	1.1	H
2	49.881	18.9	40.0	21.1	-19.1	39.9	1.2	H
3	76.512	19.1	40.0	20.9	-23.8	40.5	1.3	H
4	90.537	19.7	43.5	23.8	-24.3	40.4	1.3	H
5	145.351	23.1	43.5	20.4	-20.0	40.3	1.5	H
6	242.100	20.1	46.0	25.9	-20.9	40.1	1.9	H

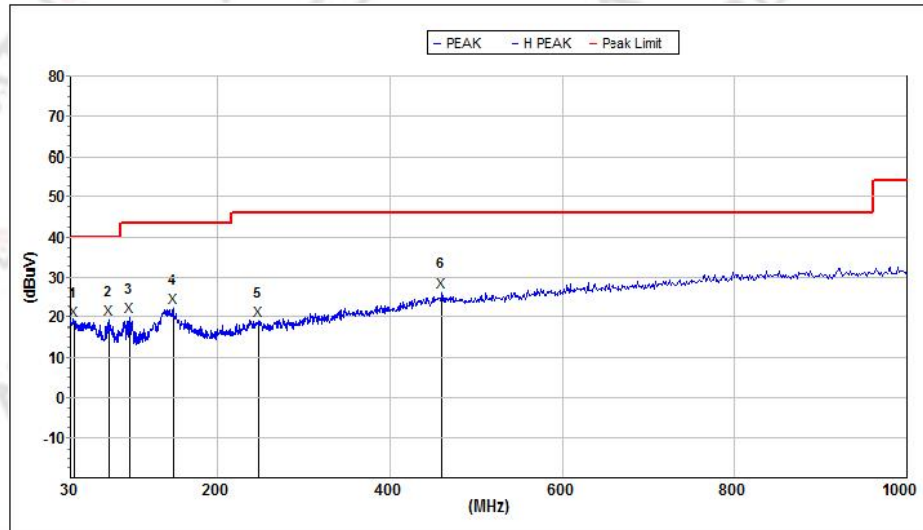
Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE 1M-2440MHz	Comment:	30MHz-1GHz



Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	33.858	30.8	40.0	9.2	-19.7	39.4	1.1	V
2	59.545	19.0	40.0	21.0	-20.9	40.2	1.2	V
3	99.354	16.7	43.5	26.8	-24.2	40.3	1.3	V
4	145.351	20.0	43.5	23.5	-20.0	40.3	1.5	V
5	263.819	18.5	46.0	27.5	-20.0	40.0	2.0	V
6	452.720	25.3	46.0	20.7	-12.9	39.0	3.2	V

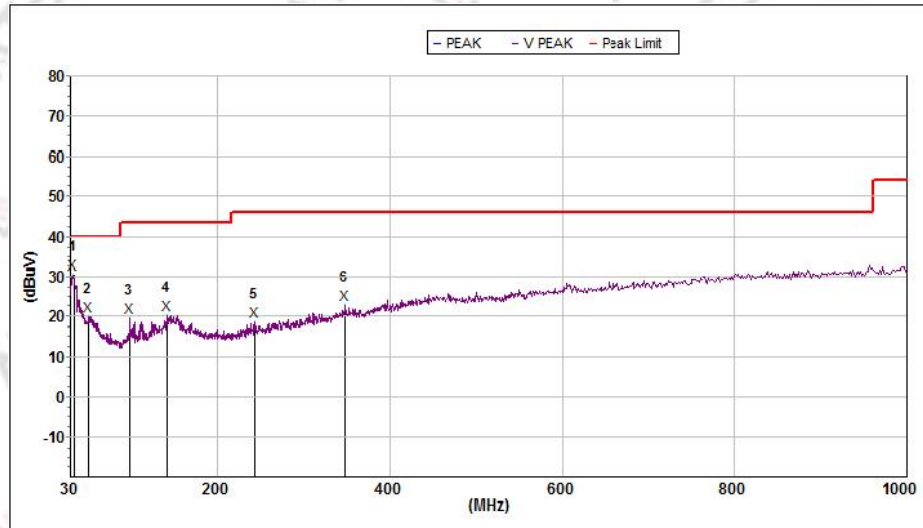
Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE 1M-2480MHz	Comment:	30MHz-1GHz



Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	34.699	19.3	40.0	20.7	-19.7	39.5	1.1	H
2	73.617	19.4	40.0	20.6	-23.4	40.5	1.3	H
3	97.798	20.1	43.5	23.4	-24.2	40.3	1.3	H
4	148.702	22.3	43.5	21.2	-19.7	40.3	1.5	H
5	248.552	19.2	46.0	26.8	-20.7	40.1	1.9	H
6	460.727	26.3	46.0	19.7	-13.0	39.0	3.0	H

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE 1M-2480MHz	Comment:	30MHz-1GHz

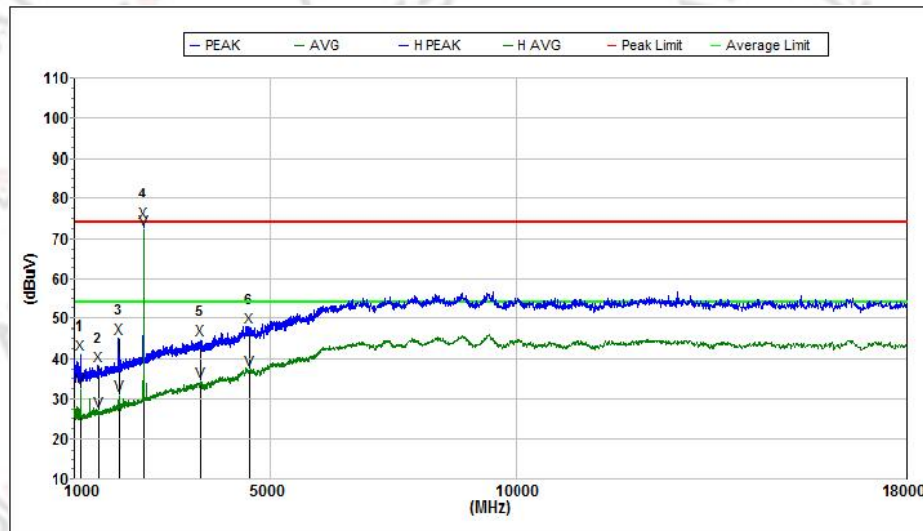


Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	33.386	30.8	40.0	9.2	-19.6	39.3	1.1	V
2	50.853	20.0	40.0	20.0	-19.2	39.9	1.2	V
3	97.798	19.7	43.5	23.8	-24.2	40.3	1.3	V
4	141.826	20.3	43.5	23.2	-20.3	40.3	1.5	V
5	243.377	18.9	46.0	27.1	-20.9	40.1	1.9	V
6	348.638	23.1	46.0	22.9	-17.1	39.5	2.2	V

Radiated Emission (Above 1GHz)

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE 1M-2402MHz	Comment:	1GHz-18GHz

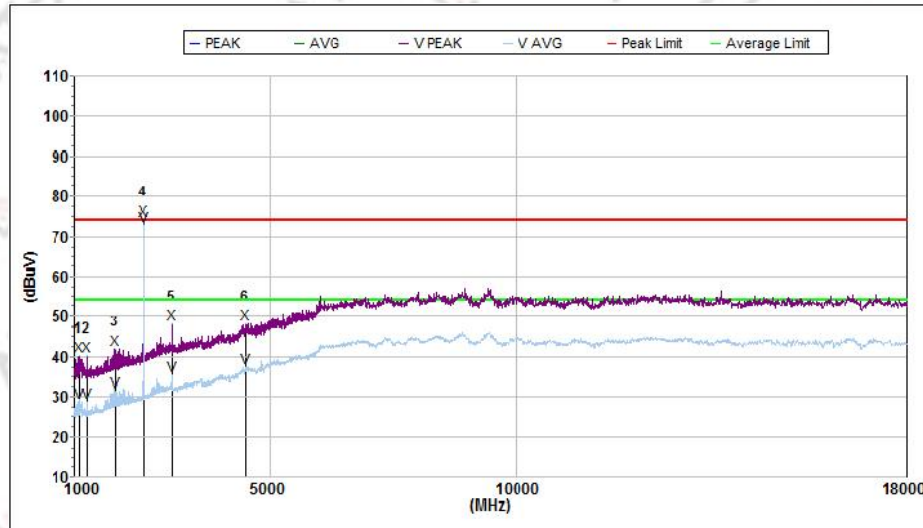


Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1126.000	41.2	74.0	32.8	-24.3	53.6	3.9	H
2	1490.000	38.3	74.0	35.7	-23.6	53.4	4.4	H
3	1896.000	45.2	74.0	28.8	-23.0	53.8	5.0	H
4	2403.000	74.3	74.0	-0.3	-21.1	54.1	5.6	H
5	3577.500	44.9	74.0	29.1	-16.8	53.7	7.2	H
6	4578.000	47.9	74.0	26.1	-13.0	52.9	8.1	H
Avg:								
1	1126.000	32.8	54.0	21.2	-24.3	53.6	3.9	H
2	1490.000	27.1	54.0	26.9	-23.6	53.4	4.4	H
3	1896.000	31.0	54.0	23.0	-23.0	53.8	5.0	H
4	2403.000	72.5	54.0	-18.5	-21.1	54.1	5.6	H
5	3577.500	34.3	54.0	19.7	-16.8	53.7	7.2	H
6	4578.000	37.3	54.0	16.7	-13.0	52.9	8.1	H

Note:Point 4 serves as the primary frequency signal.

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE 1M-2402MHz	Comment:	1GHz-18GHz

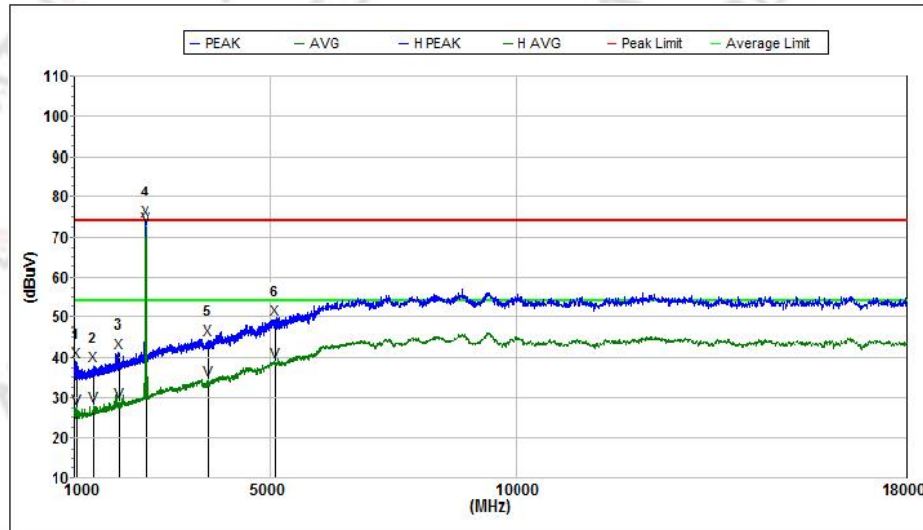


Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1093.000	40.1	74.0	33.9	-24.5	53.6	3.8	V
2	1254.000	40.4	74.0	33.6	-23.8	53.5	4.1	V
3	1827.000	41.9	74.0	32.1	-23.5	53.7	4.9	V
4	2403.000	74.3	74.0	-0.3	-21.1	54.1	5.6	V
5	2992.000	48.3	74.0	25.7	-18.2	54.1	6.5	V
6	4509.000	48.3	74.0	25.7	-13.4	53.0	8.0	V
Avg:								
1	1093.000	28.7	54.0	25.3	-24.5	53.6	3.8	V
2	1254.000	28.6	54.0	25.4	-23.8	53.5	4.1	V
3	1827.000	31.3	54.0	22.7	-23.5	53.7	4.9	V
4	2403.000	72.7	54.0	-18.7	-21.1	54.1	5.6	V
5	2992.000	35.2	54.0	18.8	-18.2	54.1	6.5	V
6	4509.000	37.4	54.0	16.6	-13.4	53.0	8.0	V

Note:Point 4 serves as the primary frequency signal.

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE 1M-2440MHz	Comment:	1GHz-18GHz

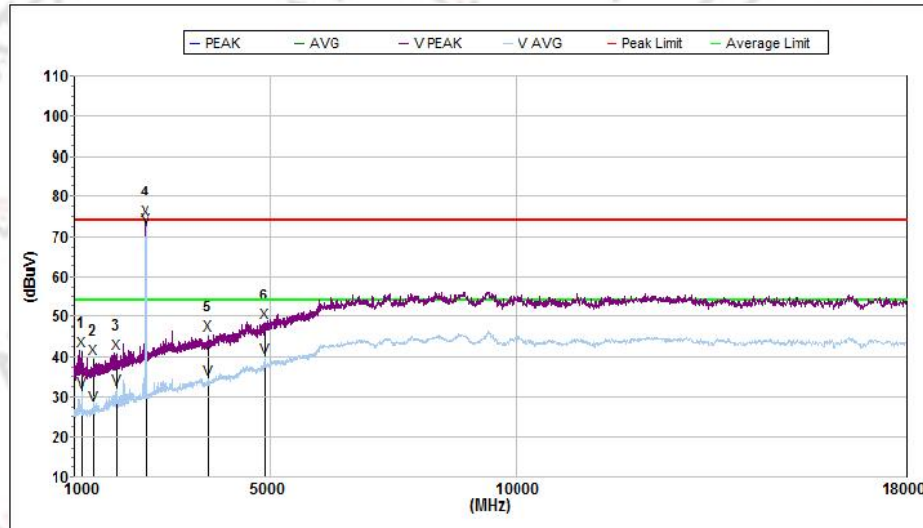


Test Summary Result

Mk.	Freq. (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1042.000	39.0	74.0	35.0	-24.8	53.7	3.8	H
2	1391.000	38.1	74.0	35.9	-23.7	53.5	4.3	H
3	1904.000	41.2	74.0	32.8	-23.0	53.8	5.0	H
4	2441.000	74.3	74.0	-0.3	-20.9	54.1	5.7	H
5	3735.000	44.7	74.0	29.3	-15.8	53.5	7.5	H
6	5089.500	49.4	74.0	24.6	-10.5	52.4	8.8	H
Avg:								
1	1042.000	27.5	54.0	26.5	-24.8	53.7	3.8	H
2	1391.000	28.0	54.0	26.0	-23.7	53.5	4.3	H
3	1904.000	29.2	54.0	24.8	-23.0	53.8	5.0	H
4	2441.000	72.7	54.0	-18.7	-20.9	54.1	5.7	H
5	3735.000	34.4	54.0	19.6	-15.8	53.5	7.5	H
6	5089.500	38.8	54.0	15.2	-10.5	52.4	8.8	H

Note: Point 4 serves as the primary frequency signal.

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE 1M-2440MHz	Comment:	1GHz-18GHz

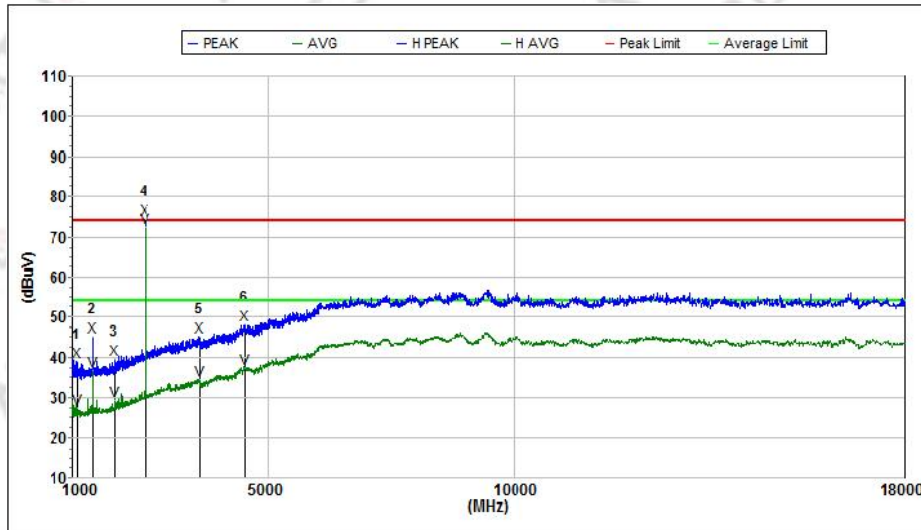


Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1160.000	41.5	74.0	32.5	-24.2	53.6	3.9	V
2	1388.000	39.7	74.0	34.3	-23.7	53.5	4.3	V
3	1844.000	40.8	74.0	33.2	-23.4	53.7	4.9	V
4	2441.000	74.3	74.0	-0.3	-20.9	54.1	5.7	V
5	3735.000	45.4	74.0	28.6	-15.8	53.5	7.5	V
6	4881.000	48.5	74.0	25.5	-11.3	52.5	8.5	V
Avg:								
1	1160.000	31.3	54.0	22.7	-24.2	53.6	3.9	V
2	1388.000	28.0	54.0	26.0	-23.7	53.5	4.3	V
3	1844.000	31.9	54.0	22.1	-23.4	53.7	4.9	V
4	2441.000	72.6	54.0	-18.6	-20.9	54.1	5.7	V
5	3735.000	34.2	54.0	19.8	-15.8	53.5	7.5	V
6	4881.000	40.0	54.0	14.0	-11.3	52.5	8.5	V

Note:Point 4 serves as the primary frequency signal.

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE 1M-2480MHz	Comment:	1GHz-18GHz

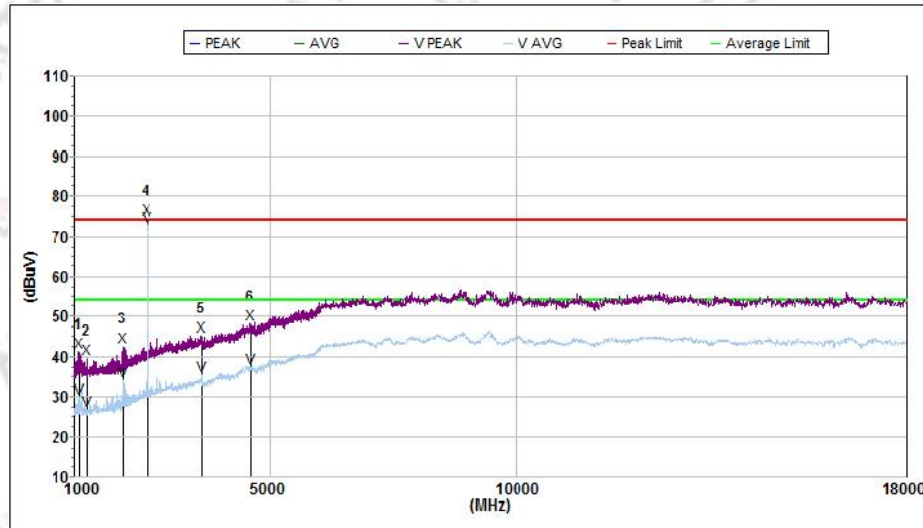


Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1094.000	39.0	74.0	35.0	-24.5	53.6	3.8	H
2	1411.000	45.1	74.0	28.9	-23.7	53.5	4.3	H
3	1853.000	39.6	74.0	34.4	-23.4	53.8	4.9	H
4	2481.000	74.5	74.0	-0.5	-20.8	54.1	5.7	H
5	3583.500	45.2	74.0	28.8	-16.8	53.7	7.2	H
6	4530.000	48.2	74.0	25.8	-13.3	53.0	8.0	H
Avg:								
1	1094.000	27.3	54.0	26.7	-24.5	53.6	3.8	H
2	1411.000	36.7	54.0	17.3	-23.7	53.5	4.3	H
3	1853.000	29.5	54.0	24.5	-23.4	53.8	4.9	H
4	2481.000	72.6	54.0	-18.6	-20.8	54.1	5.7	H
5	3583.500	34.3	54.0	19.7	-16.8	53.7	7.2	H
6	4530.000	37.4	54.0	16.6	-13.3	53.0	8.0	H

Note:Point 4 serves as the primary frequency signal.

Temperature:	28℃	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE 1M-2480MHz	Comment:	1GHz-18GHz



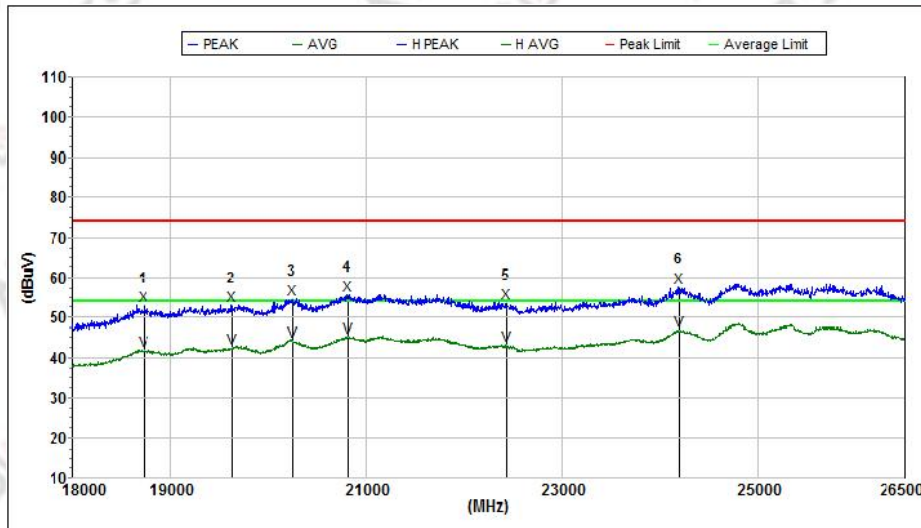
Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1094.000	41.2	74.0	32.8	-24.5	53.6	3.8	V
2	1259.000	39.7	74.0	34.3	-23.8	53.5	4.1	V
3	1999.000	42.5	74.0	31.5	-22.3	53.9	5.1	V
4	2481.000	74.5	74.0	-0.5	-20.8	54.1	5.7	V
5	3592.500	45.3	74.0	28.7	-16.7	53.7	7.2	V
6	4603.500	48.1	74.0	25.9	-12.9	52.9	8.1	V
Avg:								
1	1094.000	29.8	54.0	24.2	-24.5	53.6	3.8	V
2	1259.000	26.9	54.0	27.1	-23.8	53.5	4.1	V
3	1999.000	33.9	54.0	20.1	-22.3	53.9	5.1	V
4	2481.000	72.9	54.0	-18.9	-20.8	54.1	5.7	V
5	3592.500	35.2	54.0	18.8	-16.7	53.7	7.2	V
6	4603.500	37.4	54.0	16.6	-12.9	52.9	8.1	V

Note:Point 4 serves as the primary frequency signal.

Radiated Emission (Above 18GHz)

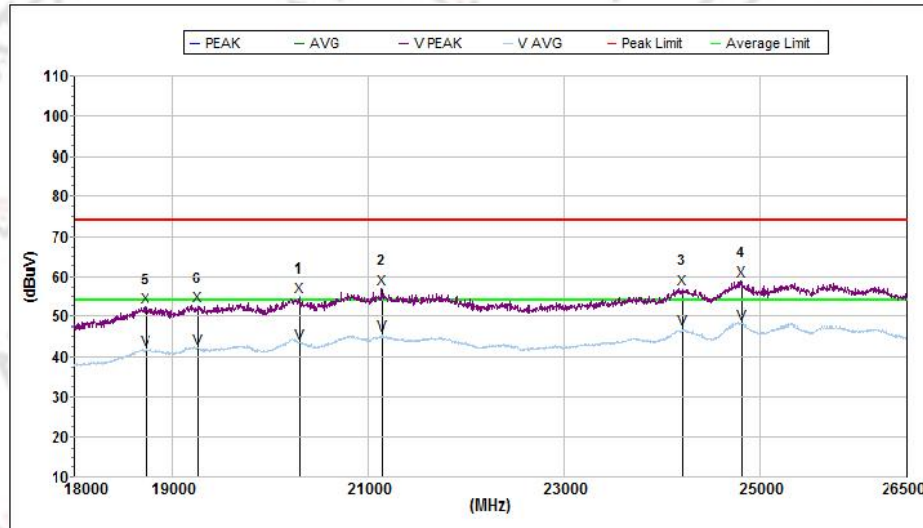
Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	BLE-1M--2440MHz	Comment:	18GHz-26.5GHz



Test Summary Result

Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	18726.750	53.1	74.0	20.9	16.3	24.5	3.7	H
2	19619.250	53.2	74.0	20.8	17.8	24.9	5.4	H
3	20244.000	54.8	74.0	19.2	18.7	25.2	6.2	H
4	20822.000	55.6	74.0	18.4	19.1	25.4	6.3	H
5	22424.250	53.8	74.0	20.2	18.2	25.9	6.7	H
6	24188.000	57.6	74.0	16.4	17.5	26.6	7.1	H
Avg:					17.5			
1	18726.750	42.0	54.0	12.0	16.3	24.5	3.7	H
2	19619.250	42.6	54.0	11.4	17.8	24.9	5.4	H
3	20244.000	44.1	54.0	9.9	18.7	25.2	6.2	H
4	20822.000	45.3	54.0	8.7	19.1	25.4	6.3	H
5	22424.250	43.2	54.0	10.8	18.2	25.9	6.7	H
6	24188.000	46.8	54.0	7.2	17.5	26.6	7.1	H

Temperature:	28°C	Relative Humidity:	48%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	BLE-1M--2440MHz	Comment:	18GHz-26.5GHz



Test Summary Result

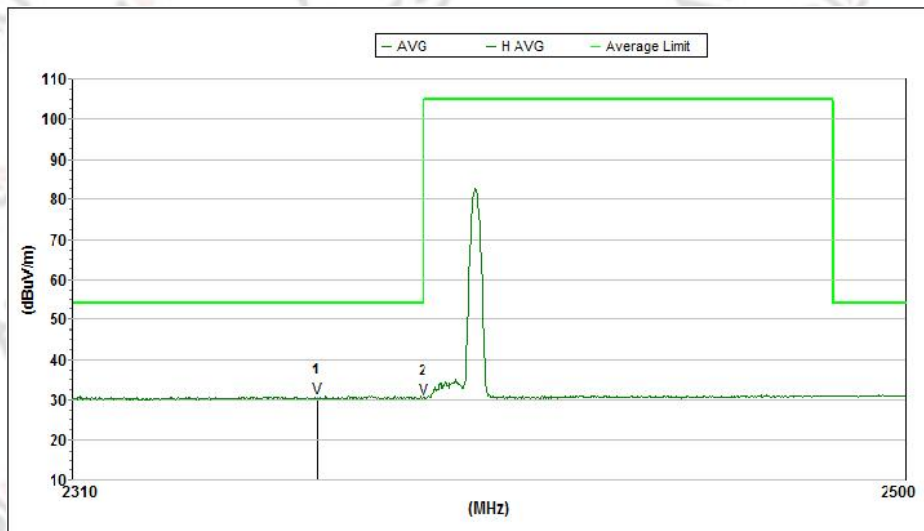
Mk.	Freq. (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margi n (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	20290.750	55.0	74.0	19.0	18.7	25.2	6.2	V
2	21136.500	56.9	74.0	17.1	19.1	25.5	6.4	V
3	24205.000	56.9	74.0	17.1	17.5	26.6	7.1	V
4	24812.750	59.1	74.0	14.9	17.4	26.7	7.3	V
5	18726.750	52.3	74.0	21.7	16.3	24.5	3.7	V
6	19258.000	52.9	74.0	21.1	17.2	24.7	4.7	V
Avg:								
1	20290.750	43.5	54.0	10.5	18.7	25.2	6.2	V
2	21136.500	45.4	54.0	8.6	19.1	25.5	6.4	V
3	24205.000	46.7	54.0	7.3	17.5	26.6	7.1	V
4	24812.750	48.2	54.0	5.8	17.4	26.7	7.3	V
5	18726.750	41.9	54.0	12.1	16.3	24.5	3.7	V
6	19258.000	42.4	54.0	11.6	17.2	24.7	4.7	V

Restricted Band

Note:During the test, pre-scan All mode, the report only reflects the test data of worst mode(BLE 1M).

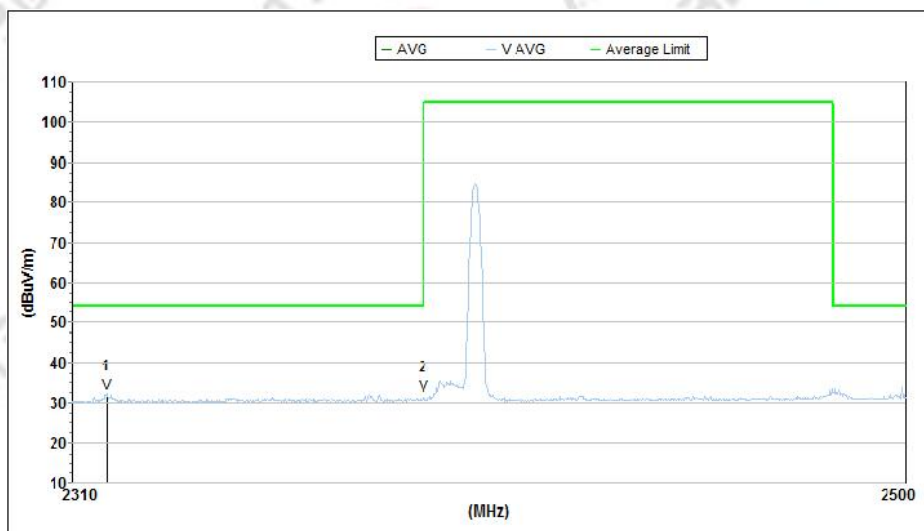
Test Mode: BLE 1M

Test Channel: Lowest channel, Test Polarization: Horizontal



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2365.619	30.8	54.0	23.2	-21.1	54.0	5.6	H
2	2390.000	30.5	54.0	23.5	-21.1	54.1	5.6	H

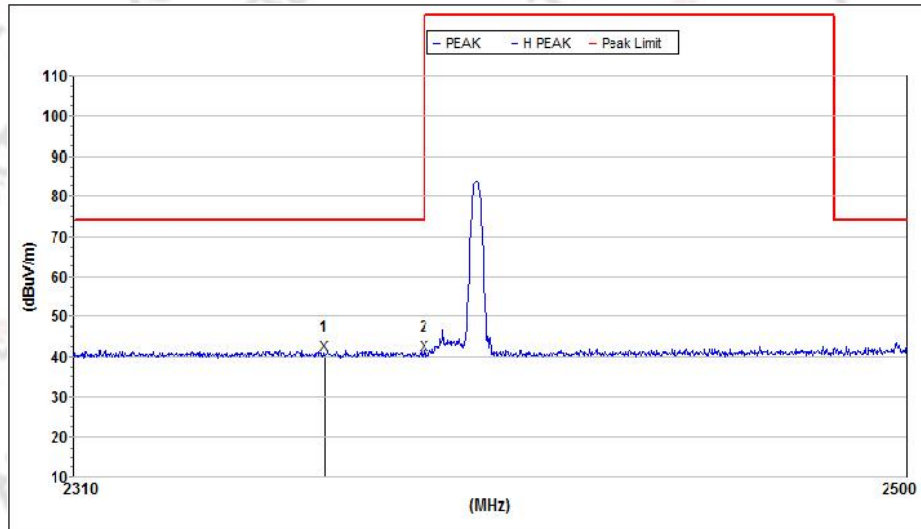
Test Channel: Lowest channel, Test Polarization: Vertical



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2317.865	32.3	54.0	21.7	-21.3	54.0	5.5	V
2	2390.000	32.0	54.0	22.0	-21.1	54.1	5.6	V

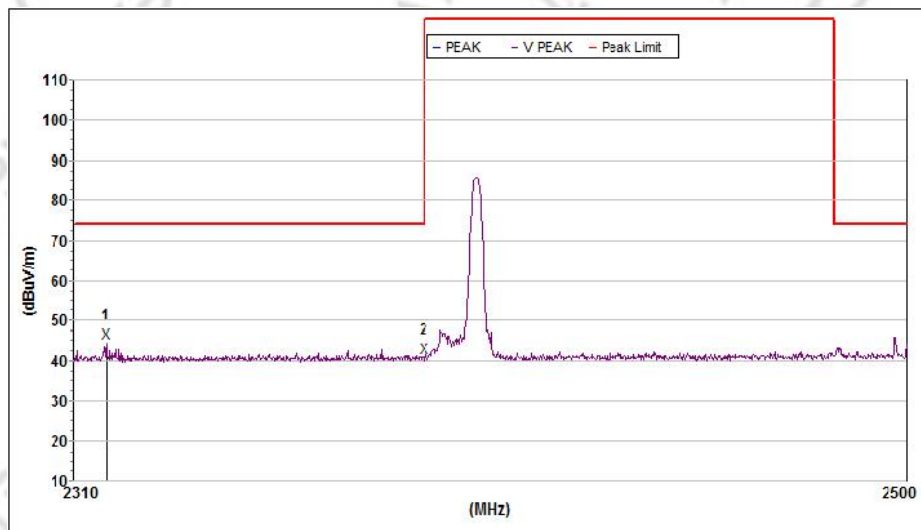
Test Mode: BLE 1M

Test Channel: Lowest channel, Test Polarization: Horizontal



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
PEAK								
1	2367.115	40.5	74.0	33.5	-21.1	54.0	5.6	H
2	2390.000	40.5	74.0	33.5	-21.1	54.1	5.6	H

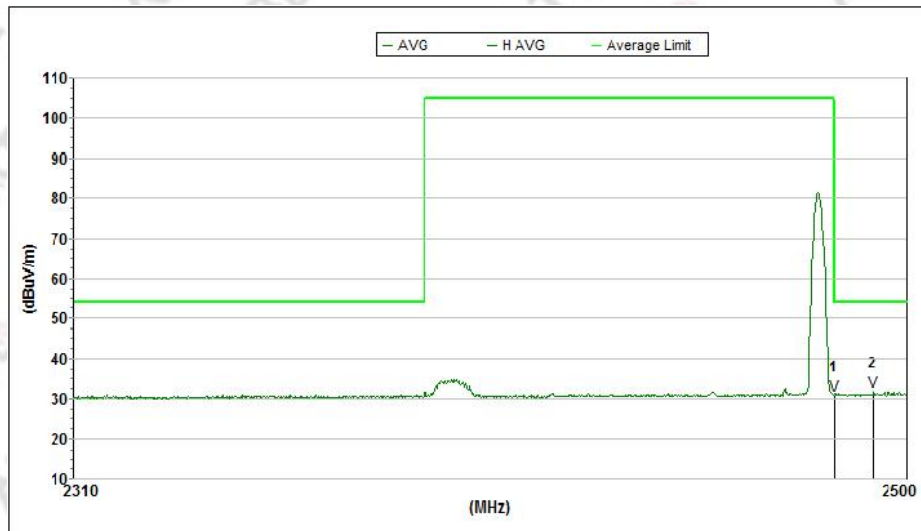
Test Channel: Lowest channel, Test Polarization: Vertical



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
PEAK								
1	2317.498	44.7	74.0	29.3	-21.3	54.0	5.5	V
2	2390.000	40.8	74.0	33.2	-21.1	54.1	5.6	V

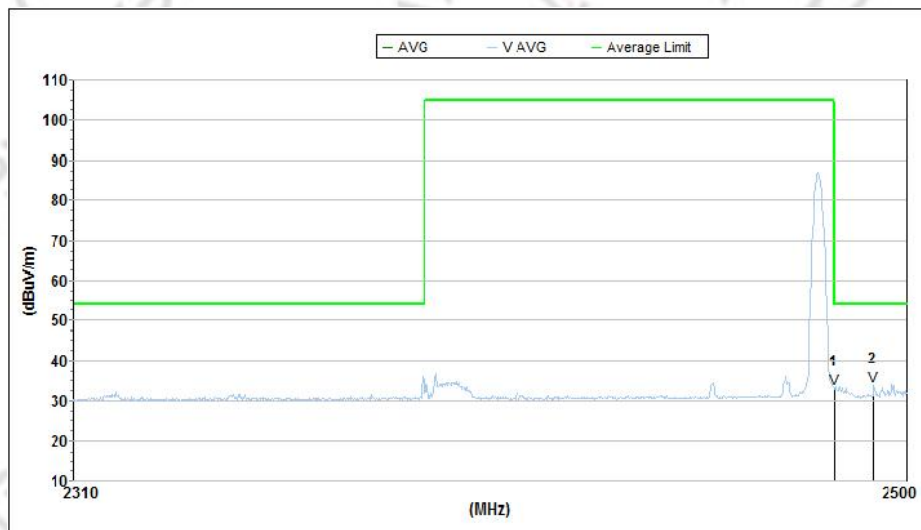
Test Mode: BLE 1M

Test Channel: Highest channel, Test Polarization: Horizontal



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2483.500	31.1	54.0	22.9	-20.8	54.1	5.7	H
2	2492.305	32.2	54.0	21.8	-20.7	54.1	5.8	H

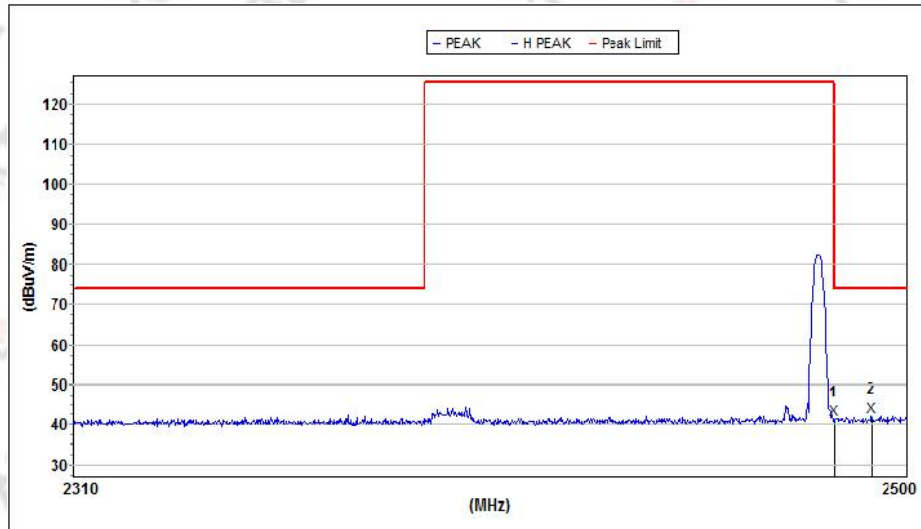
Test Channel: Highest channel, Test Polarization: Vertical



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2483.500	32.9	54.0	21.1	-20.8	54.1	5.7	V
2	2492.305	33.6	54.0	20.4	-20.7	54.1	5.8	V

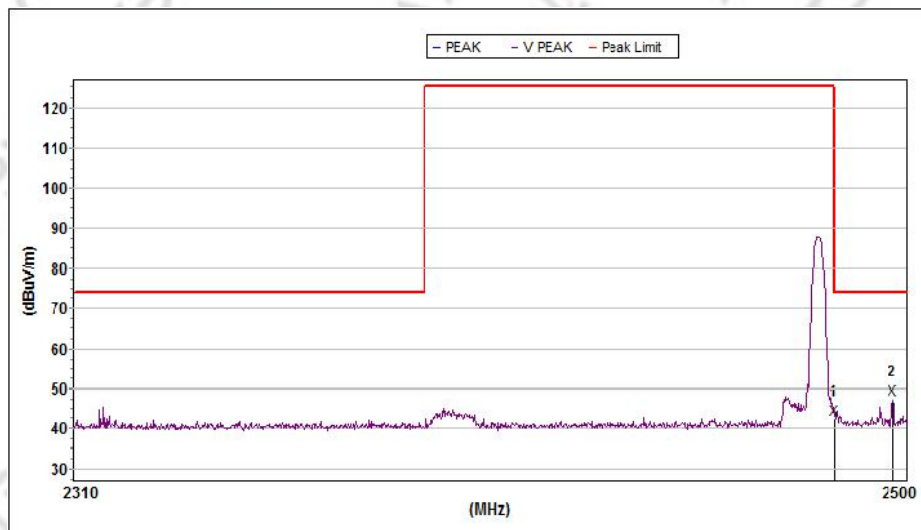
Test Mode: BLE 1M

Test Channel: Highest channel, Test Polarization: Horizontal



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
PEAK								
1	2483.500	41.6	74.0	32.4	-20.8	54.1	5.7	H
2	2491.911	42.2	74.0	31.8	-20.7	54.1	5.8	H

Test Channel: Highest channel, Test Polarization: Vertical



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Factor (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
PEAK								
1	2483.500	42.5	74.0	31.5	-20.8	54.1	5.7	V
2	2496.840	47.3	74.0	26.7	-20.7	54.1	5.8	V

.*****END OF THE APPENDIX*****