

Trace mode = max hold.

Allow trace to fully stabilize.

Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) are attenuated by at least the minimum requirements . Report the three highest emissions relative to the limit.

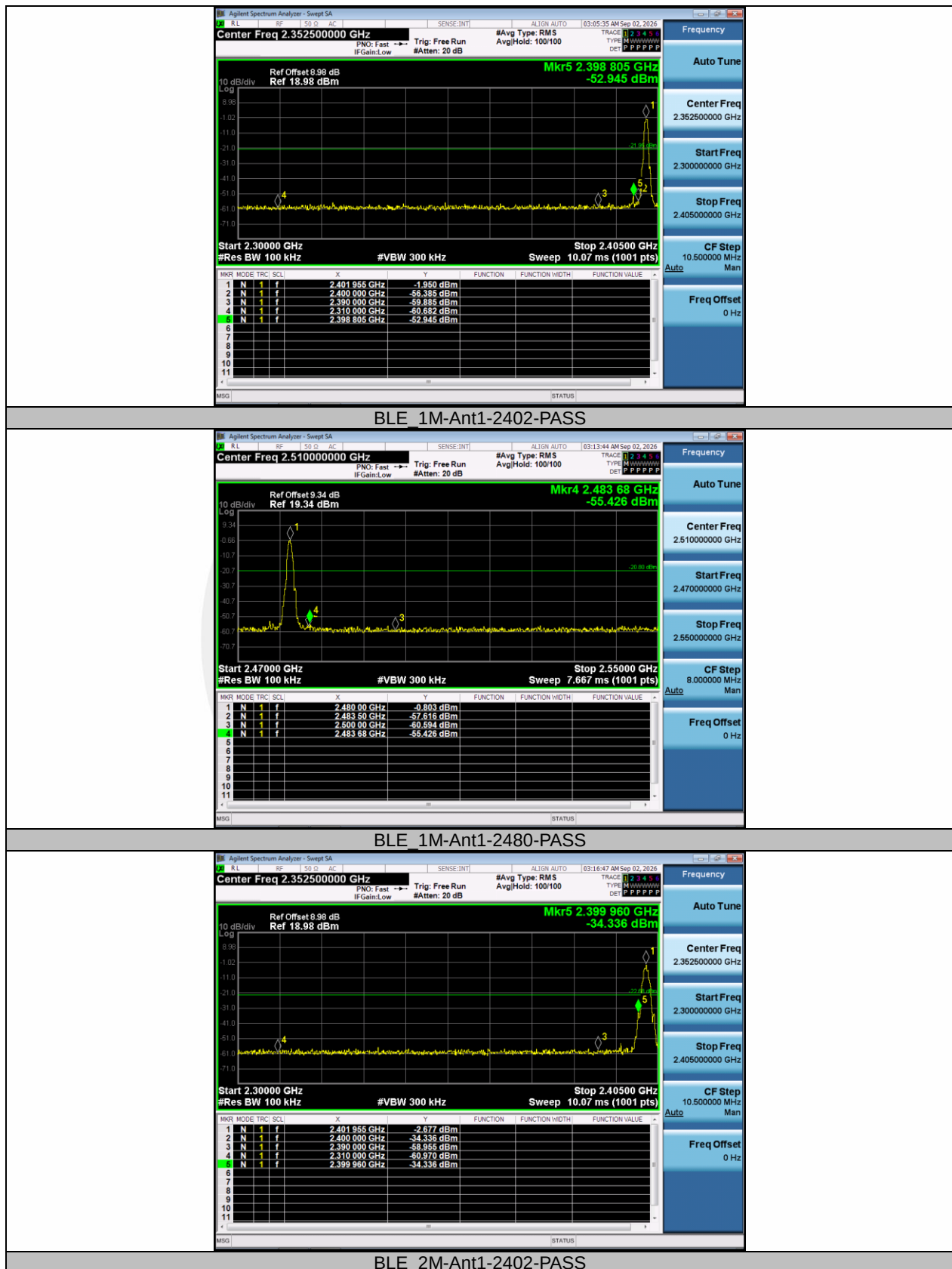
8.6.5 Test Results

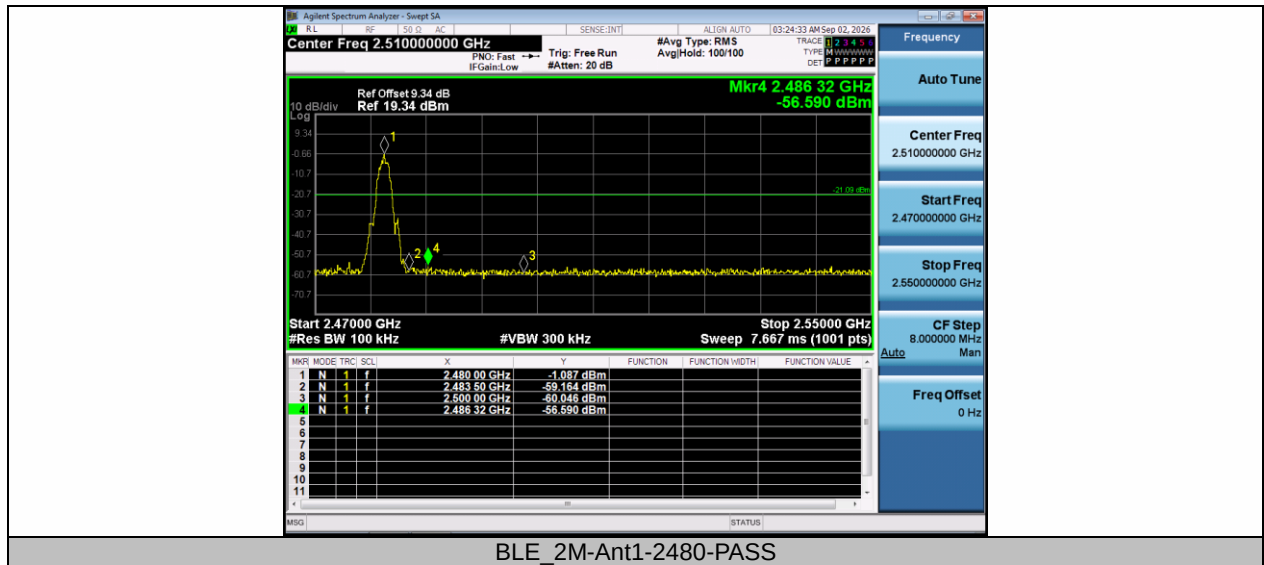
Temperature:	26.9 °C
Relative Humidity:	64%
ATM Pressure:	1011 mbar
Test Engineer:	ZhuGuangjun

Note: N/A

Band edge measurements

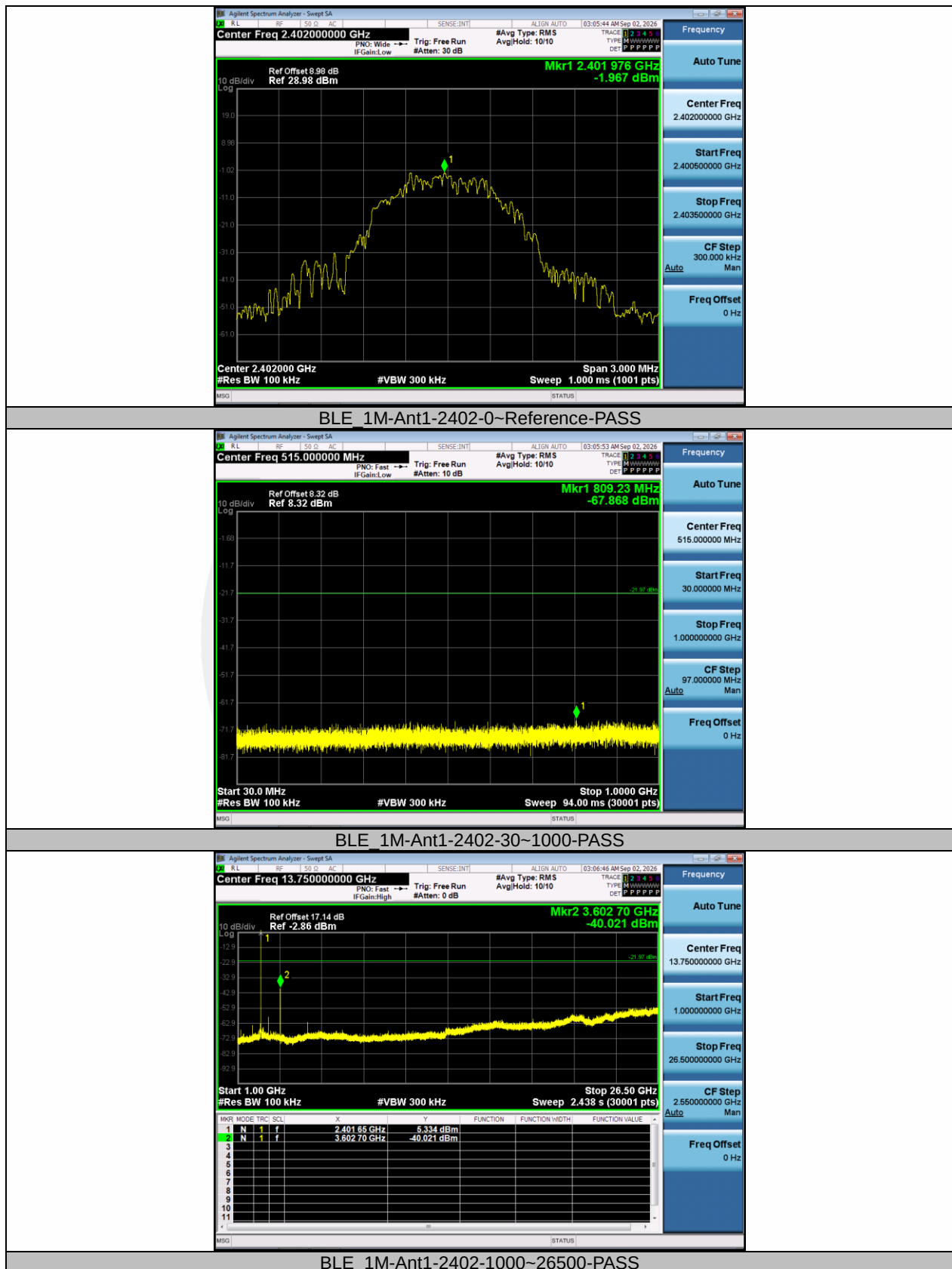
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE 1M	Ant1	Low	2402	-1.95	-52.95	≤-21.95	PASS
BLE 1M	Ant1	High	2480	-0.80	-55.43	≤-20.8	PASS
BLE 2M	Ant1	Low	2402	-2.68	-34.34	≤-22.68	PASS
BLE 2M	Ant1	High	2480	-1.09	-56.59	≤-21.09	PASS

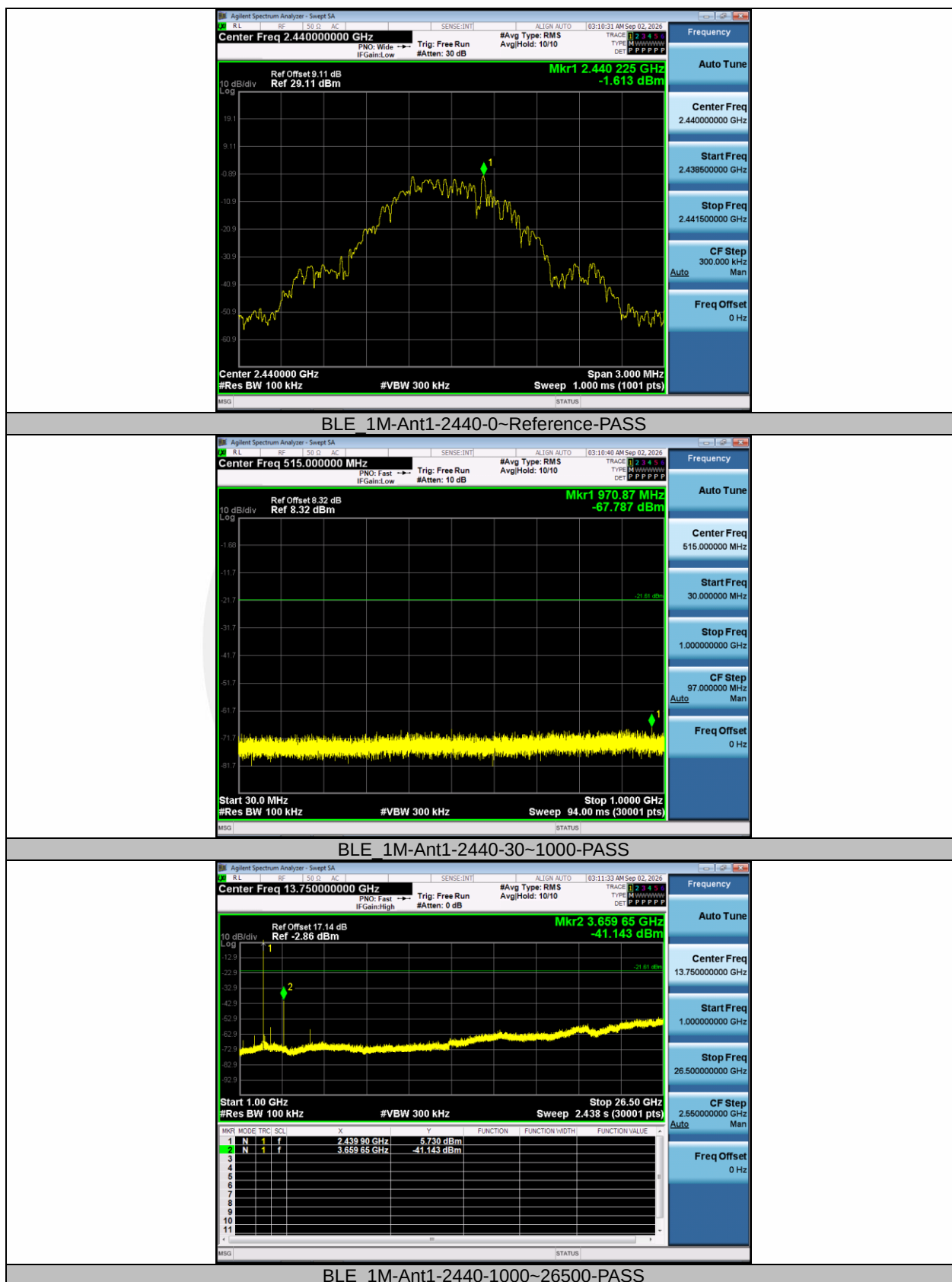


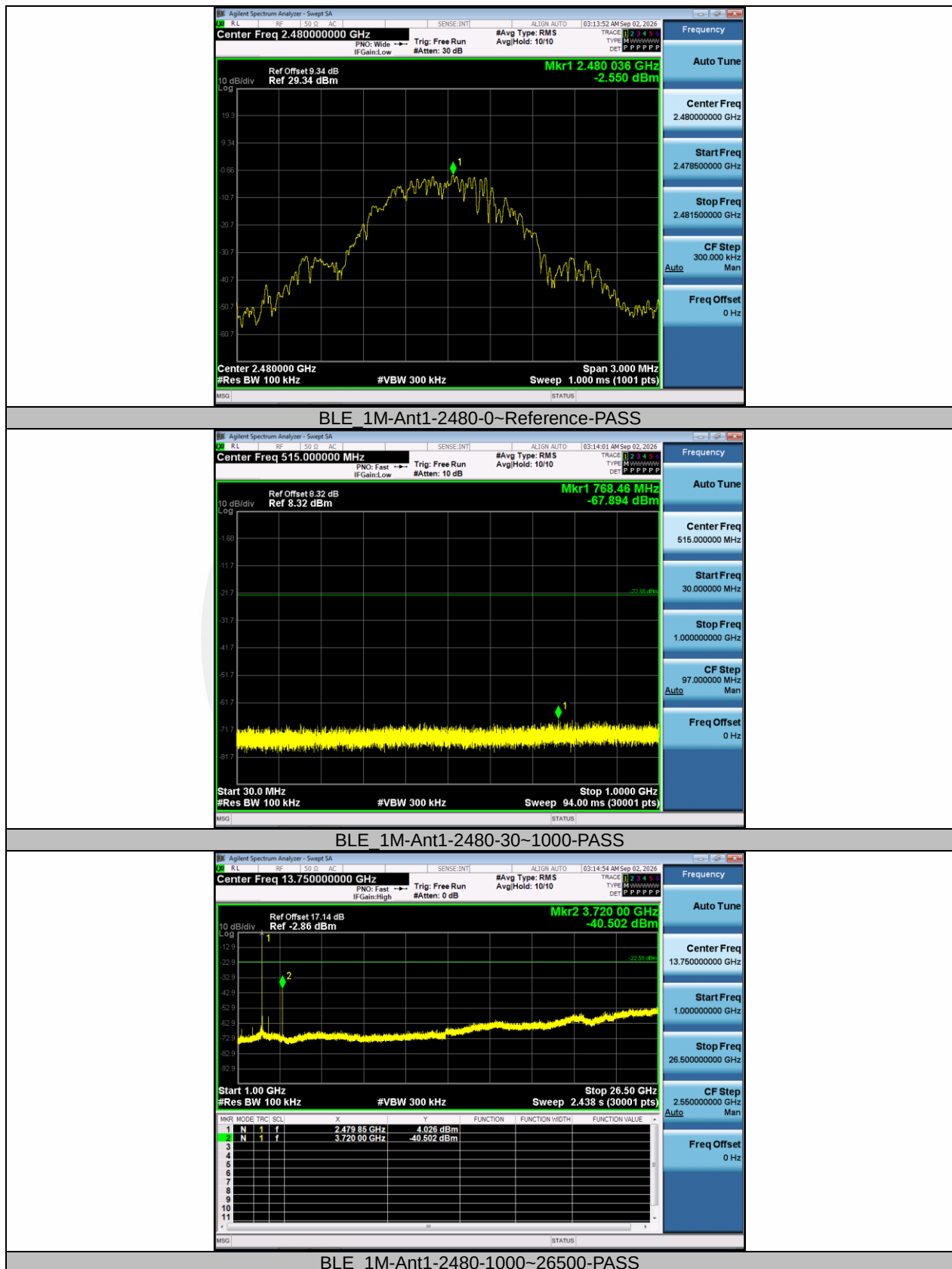


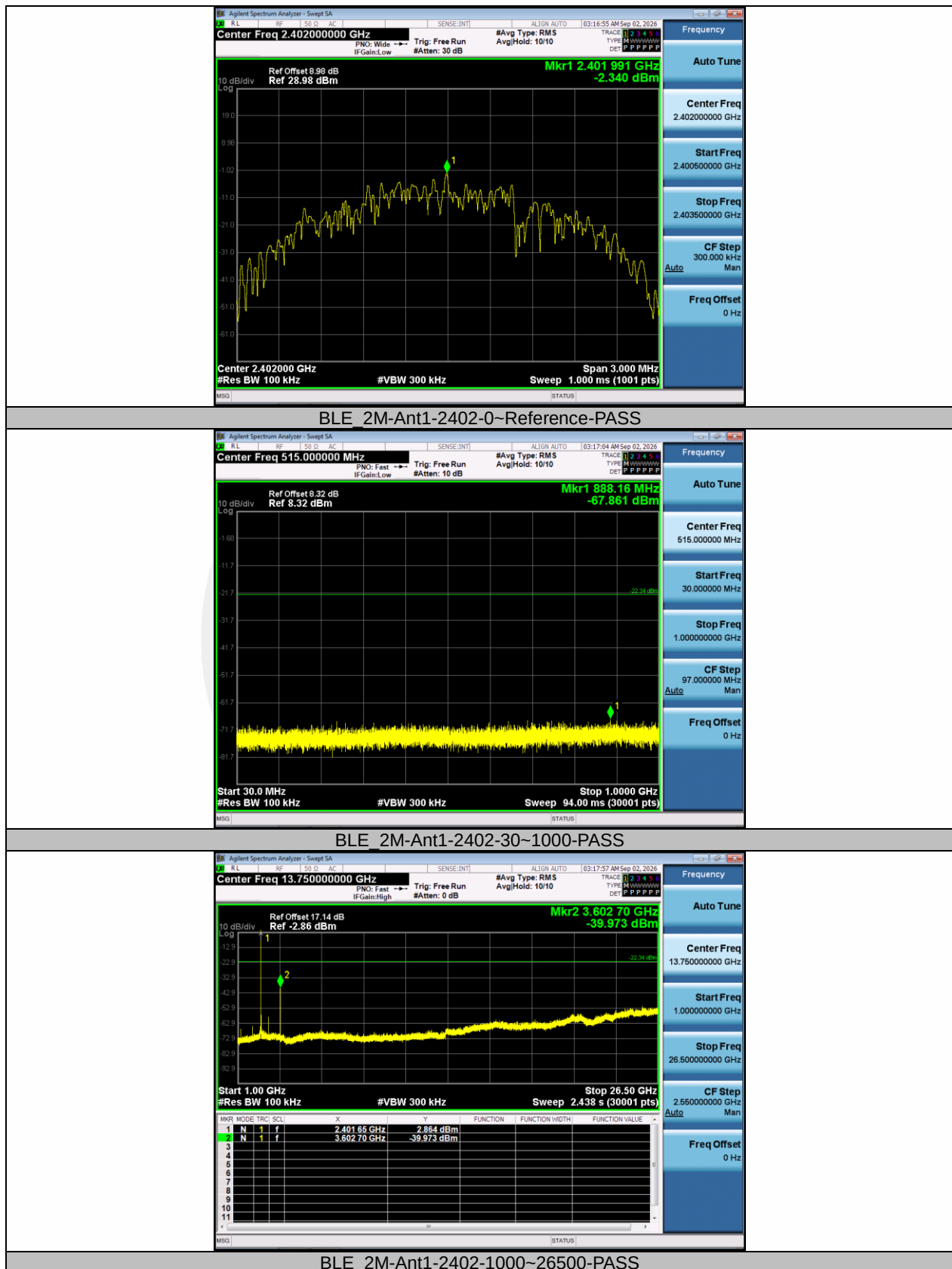
Conducted Spurious Emission

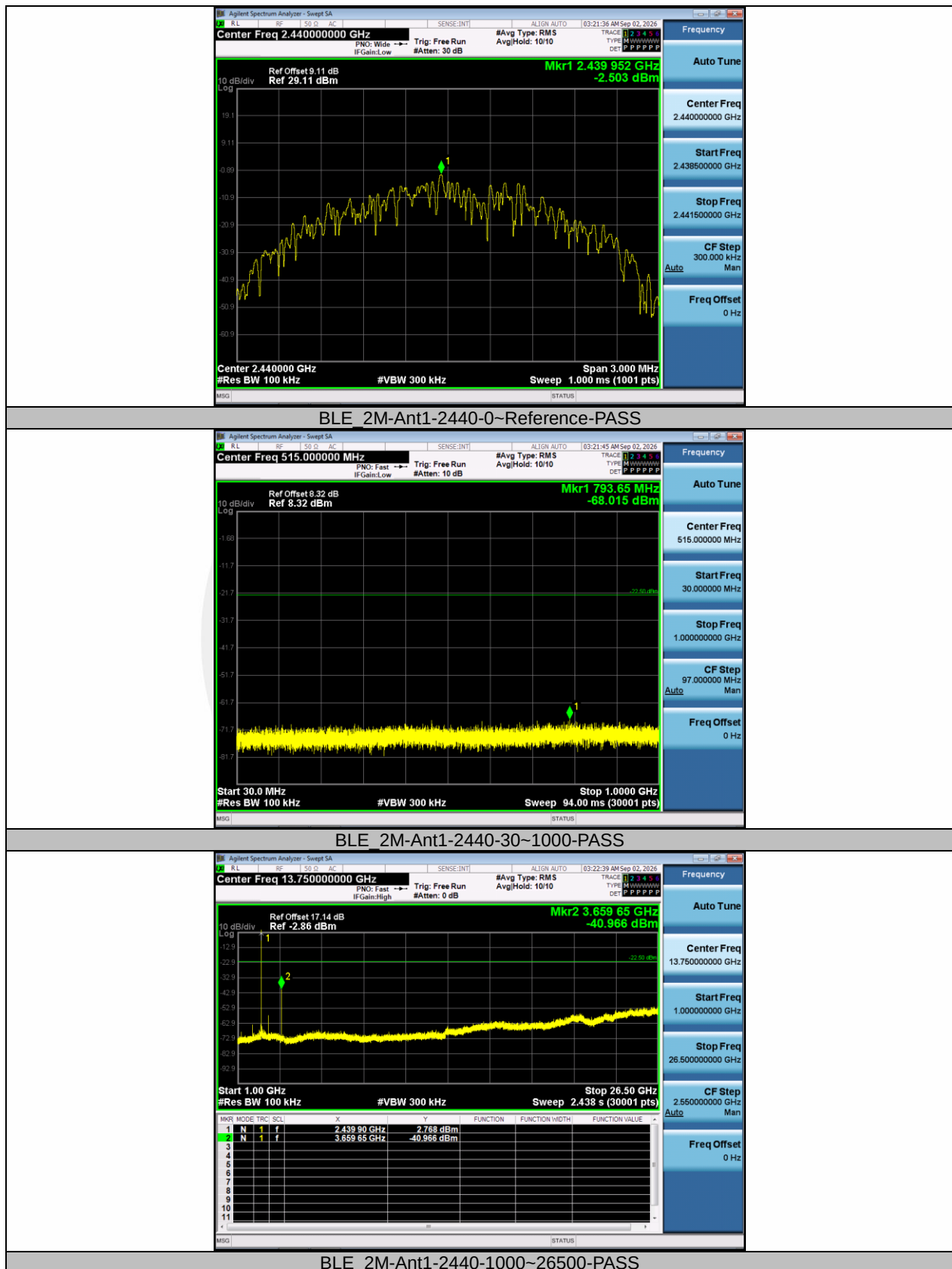
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE 1M	Ant1	2402	0~Reference	-1.97	-1.97	---	PASS
BLE 1M	Ant1	2402	30~1000	-1.97	-67.87	≤-21.97	PASS
BLE 1M	Ant1	2402	1000~26500	-1.97	-40.02	≤-21.97	PASS
BLE 1M	Ant1	2440	0~Reference	-1.61	-1.61	---	PASS
BLE 1M	Ant1	2440	30~1000	-1.61	-67.79	≤-21.61	PASS
BLE 1M	Ant1	2440	1000~26500	-1.61	-41.14	≤-21.61	PASS
BLE 1M	Ant1	2480	0~Reference	-2.55	-2.55	---	PASS
BLE 1M	Ant1	2480	30~1000	-2.55	-67.89	≤-22.55	PASS
BLE 1M	Ant1	2480	1000~26500	-2.55	-40.5	≤-22.55	PASS
BLE 2M	Ant1	2402	0~Reference	-2.34	-2.34	---	PASS
BLE 2M	Ant1	2402	30~1000	-2.34	-67.86	≤-22.34	PASS
BLE 2M	Ant1	2402	1000~26500	-2.34	-39.97	≤-22.34	PASS
BLE 2M	Ant1	2440	0~Reference	-2.50	-2.50	---	PASS
BLE 2M	Ant1	2440	30~1000	-2.50	-68.02	≤-22.5	PASS
BLE 2M	Ant1	2440	1000~26500	-2.50	-40.97	≤-22.5	PASS
BLE 2M	Ant1	2480	0~Reference	-2.79	-2.79	---	PASS
BLE 2M	Ant1	2480	30~1000	-2.79	-67.61	≤-22.79	PASS
BLE 2M	Ant1	2480	1000~26500	-2.79	-40.65	≤-22.79	PASS





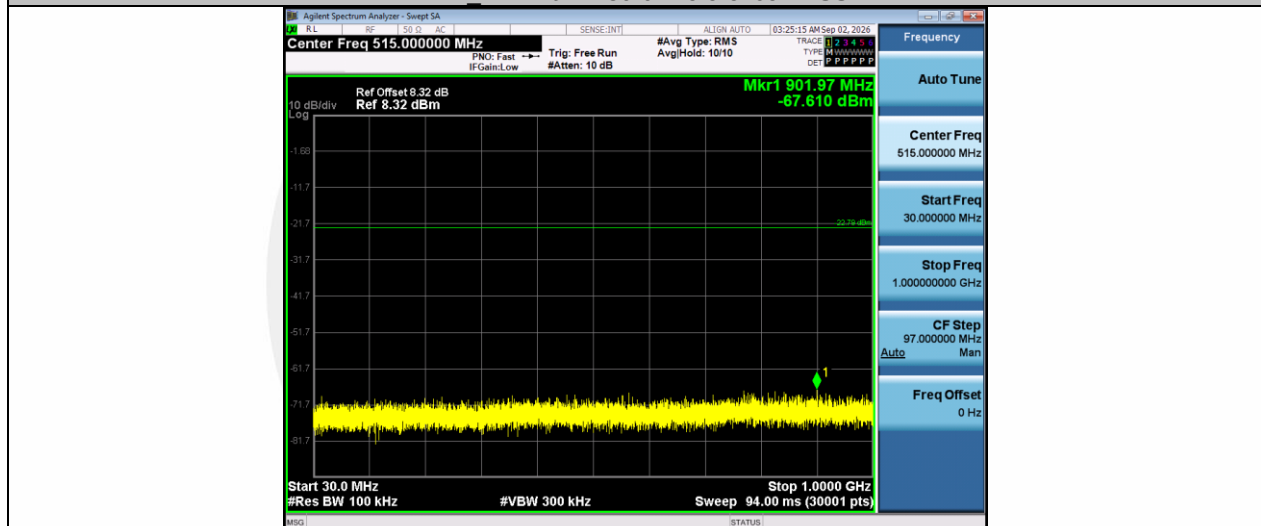




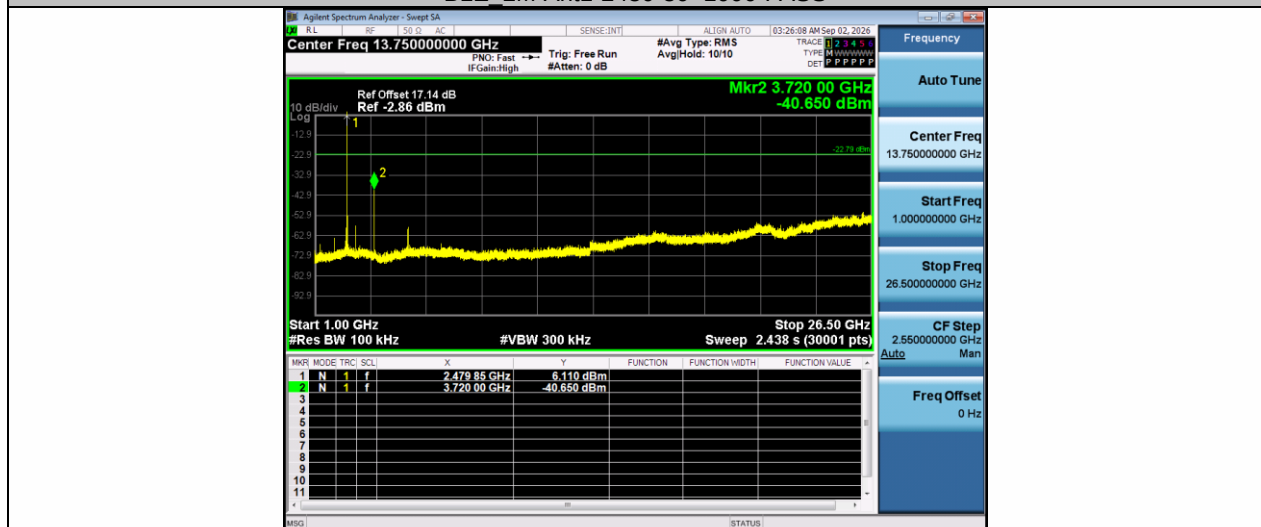




BLE_2M-Ant1-2480-0-Reference-PASS



BLE_2M-Ant1-2480-30-1000-PASS



BLE_2M-Ant1-2480-1000-26500-PASS

8.7 RADIATED SPURIOUS EMISSION

8.7.1 Applicable Standard

According to FCC Part 15.247(d), 15.205, 15.209

According to RSS-Gen and RSS-247

According to 558074 D01 15.247 Meas Guidance v05r02 Section 8.6

According to ANSI C63.10 Section 11.12

8.7.2 Conformance Limit

According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

According to FCC Part 15.205, Restricted bands

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

According to FCC Part 15.205, the level of any transmitter spurious emission in Restricted bands shall not exceed the level of the emission specified in the following table

Restricted Frequency(MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log (uV/m)	300
0.490-1.705	24000/F(KHz)	20 log (uV/m)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

8.7.3 Test Configuration

Test according to clause 7.2 radio frequency test setup 2

8.7.4 Test Procedure

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

For Above 1GHz:

The EUT was placed on a turn table which is 1.5m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For average measurements the resolution bandwidth of spectrum analyzer is 1 MHz with the video bandwidth is $\geq 1/T$ with peak detector.

For Below 1GHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 100 kHz for

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 30MHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 9kHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 150KHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 200Hz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

Follow the guidelines in ANSI C63.10 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit. Submit this data.

8.7.5 Test Results

Temperature:	25 °C
Relative Humidity:	60%
ATM Pressure:	1011 mbar
Test Engineer:	YiXingpeng

■ Spurious Emission below 30MHz (9KHz to 30MHz)

For Spurious Emission below 30MHz (9KHz to 30MHz), was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

■ Spurious Emission Above 1GHz (1GHz to 25GHz)

BLE mode have been tested, and the worst result was report as below:

Test mode: BLE(1M) Frequency: Channel 0: 2402MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Margin(dB)	Detector
4841.25	V	46.77	74.00	27.23	peak
8178.75	V	52.88	74.00	21.12	peak
17979.375	V	64.13	74.00	9.87	peak
4841.25	V	31.52	54.00	22.48	AVG
8178.75	V	34.25	54.00	19.75	AVG
17979.375	V	46.25	54.00	7.75	AVG
4878.75	H	46.28	74.00	27.72	peak
8334.375	H	53.27	74.00	20.73	peak
17996.25	H	64.07	74.00	9.93	peak
4878.75	H	31.24	54.00	22.76	AVG
8334.375	H	35.27	54.00	18.73	AVG
17996.25	H	46.29	54.00	7.71	AVG

Test mode: BLE(1M) Frequency: Channel 19: 2440MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Margin(dB)	Detector
4636.875	V	46.85	74.00	27.15	peak
8823.75	V	54.33	74.00	19.67	peak
17971.875	V	63.60	74.00	10.40	peak
4636.875	V	31.41	54.00	22.59	AVG
8823.75	V	35.61	54.00	18.39	AVG
17971.875	V	46.01	54.00	7.99	AVG
4860	H	46.42	74.00	27.58	peak
8302.5	H	53.66	74.00	20.34	peak
17576.25	H	63.73	74.00	10.27	peak
4860	H	31.23	54.00	27.58	AVG
8302.5	H	34.56	54.00	20.34	AVG
17576.25	H	46.33	54.00	10.27	AVG

Test mode: BLE(1M) Frequency: Channel 39: 2480MHz

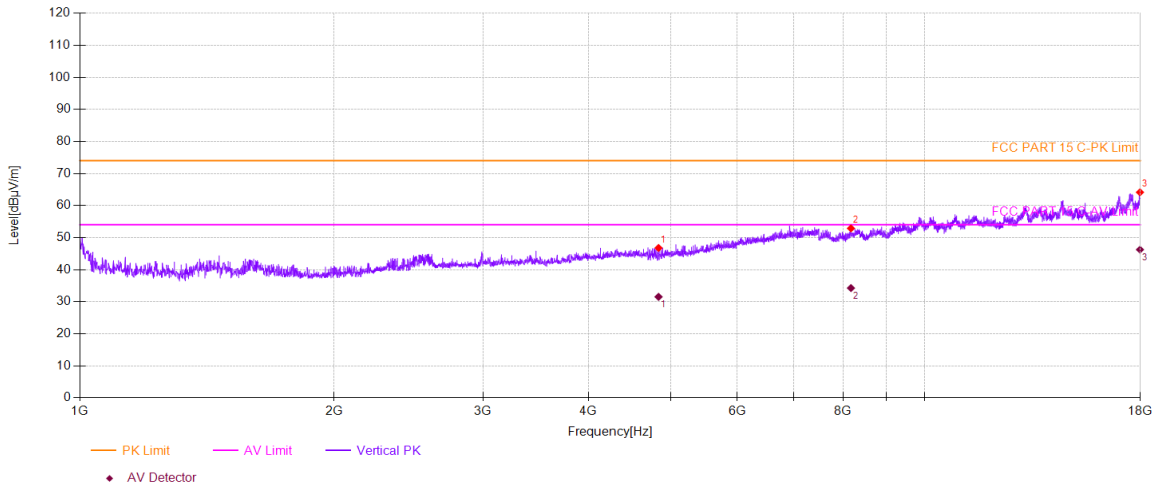
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Margin(dB)	Detector
4741.875	V	46.19	74.00	27.81	peak
8368.125	V	52.93	74.00	21.07	peak
17608.125	V	63.63	74.00	10.37	peak
4741.875	V	31.27	54.00	22.73	AVG
8368.125	V	35.33	54.00	18.67	AVG
17608.125	V	46.25	54.00	7.75	AVG
4790.625	H	47.86	74.00	26.14	peak
8274.375	H	52.90	74.00	21.10	peak
17979.375	H	64.61	74.00	9.39	peak
4790.625	H	31.24	54.00	22.76	AVG
8274.375	H	34.62	54.00	19.38	AVG
17979.375	H	46.27	54.00	7.73	AVG

- Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
 (2) Emission Level= Reading Level+Correct Factor.
 (3) Correct Factor= Ant_F + Cab_L - Preamp
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
 (5) Only records the worst data in tabular form.

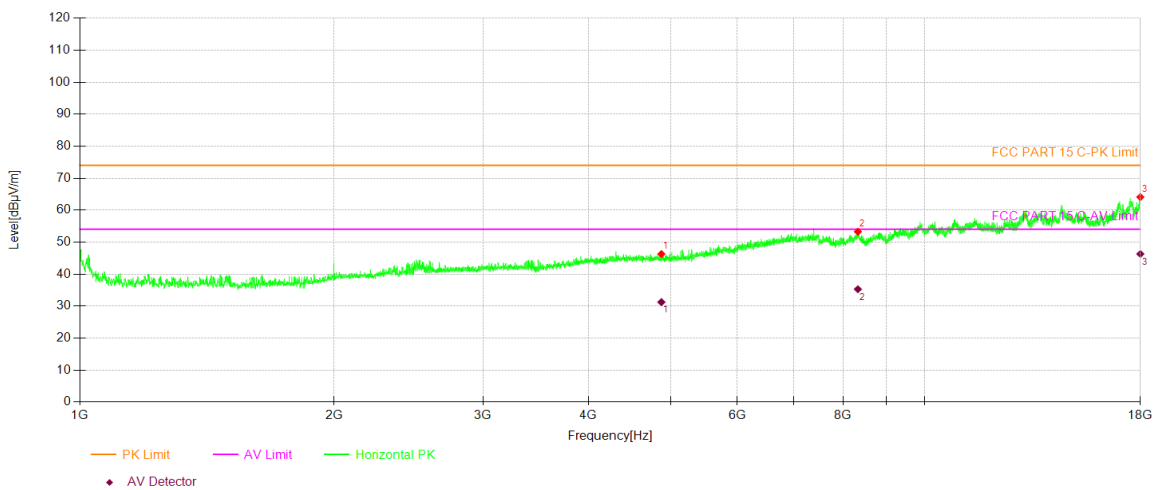
■ Spurious Emission above 1GHz (1GHz to 18GHz)

All modes have been tested, and the worst result recorded was report as below:

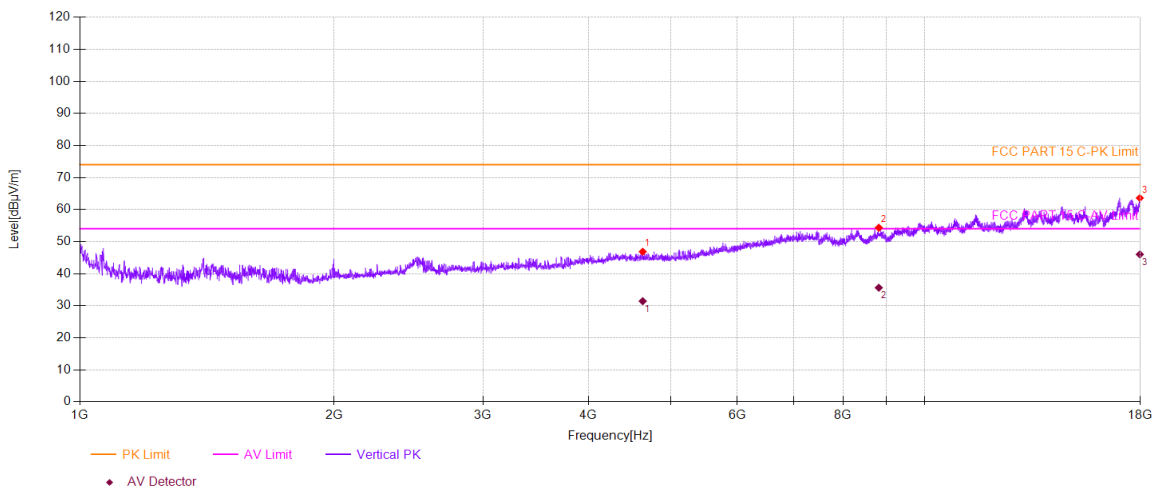
Test mode: GFSK Frequency: Channel 0: 2402MHz V



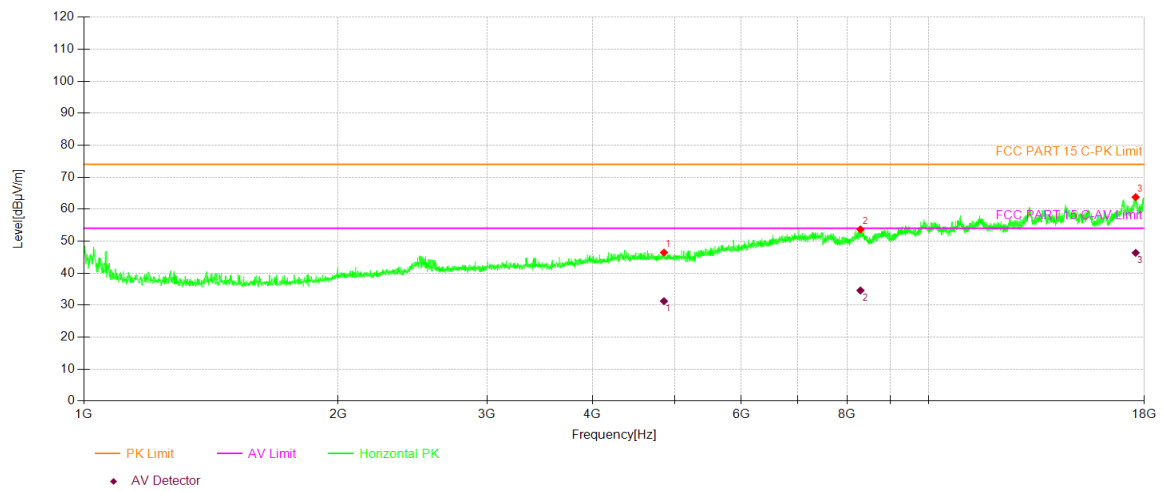
Test mode: GFSK Frequency: Channel 0: 2402MHz H



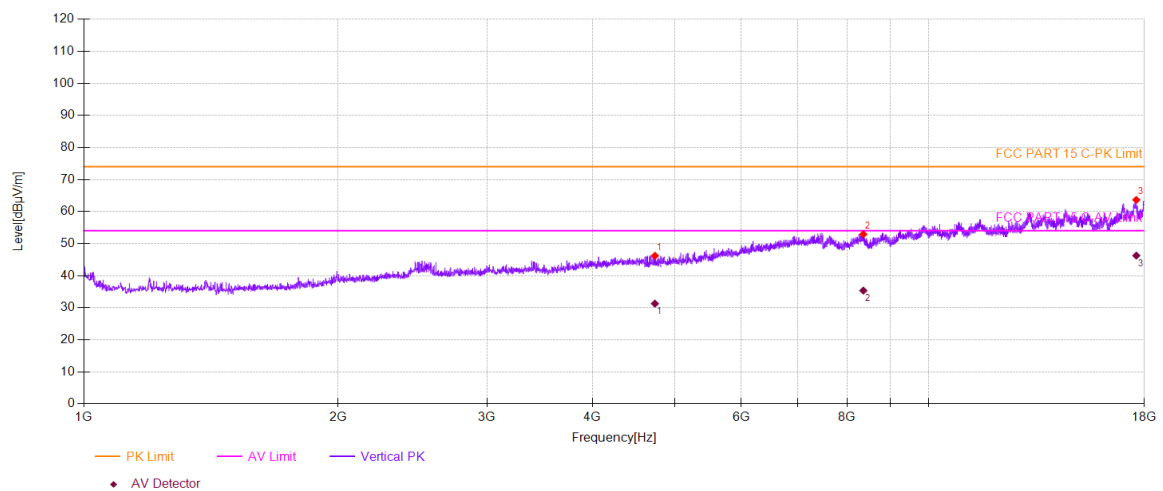
Test mode: GFSK Frequency: Channel 19: 2440MHz V



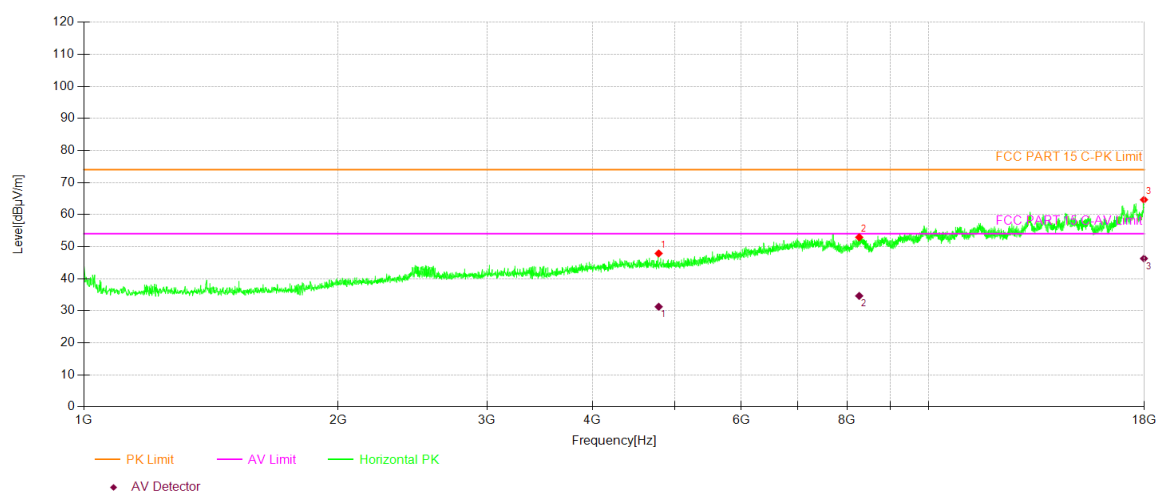
Test mode: GFSK Frequency: Channel 19: 2440MHz H



Test mode: GFSK Frequency: Channel 39: 2480MHz V



Test mode: GFSK Frequency: Channel 39: 2480MHz H



■ Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz

Test mode: BLE(1M) Frequency: Channel 0: 2402MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Margin(dB)	Detector
2382.45	V	46.01	74.00	27.99	peak
2382.45	V	38.24	54.00	15.76	AVG
2384.42	H	47.29	74.00	26.71	peak
2384.42	H	38.41	54.00	15.59	AVG

Test mode: BLE(1M) Frequency: Channel 39: 2480MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)	Limit 3m(dBuV/m)	Margin(dB)	Detector
2483.91	V	50.74	74.00	23.26	peak
2483.91	V	39.24	54.00	14.76	AVG
2483.97	H	47.58	74.00	26.42	peak
2483.97	H	31.98	54.00	15.53	AVG

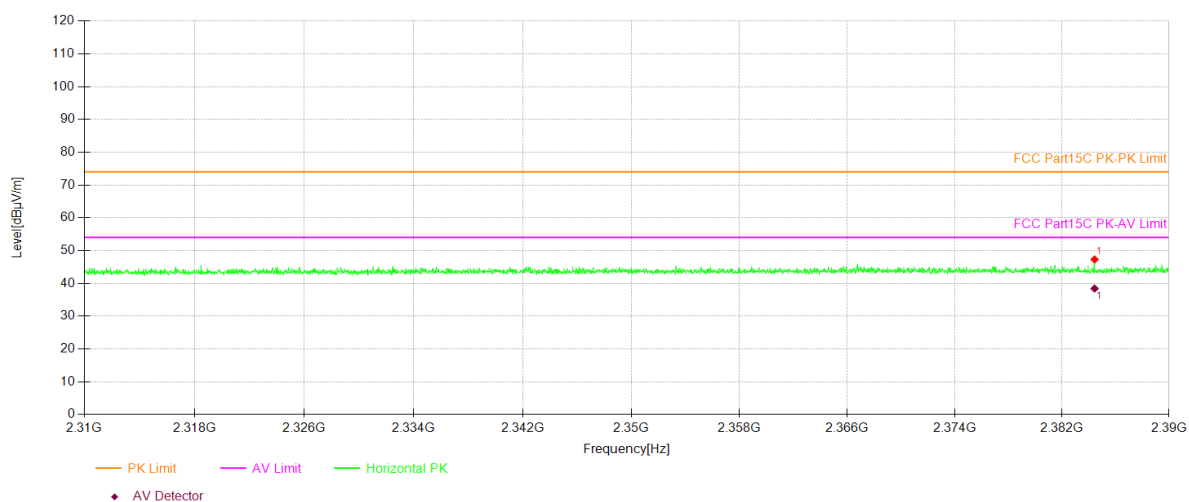
- Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Test Model

Spurious Emission in Restricted Band 2310-2390MHz
BLE

Channel 0: 2402MHz

H

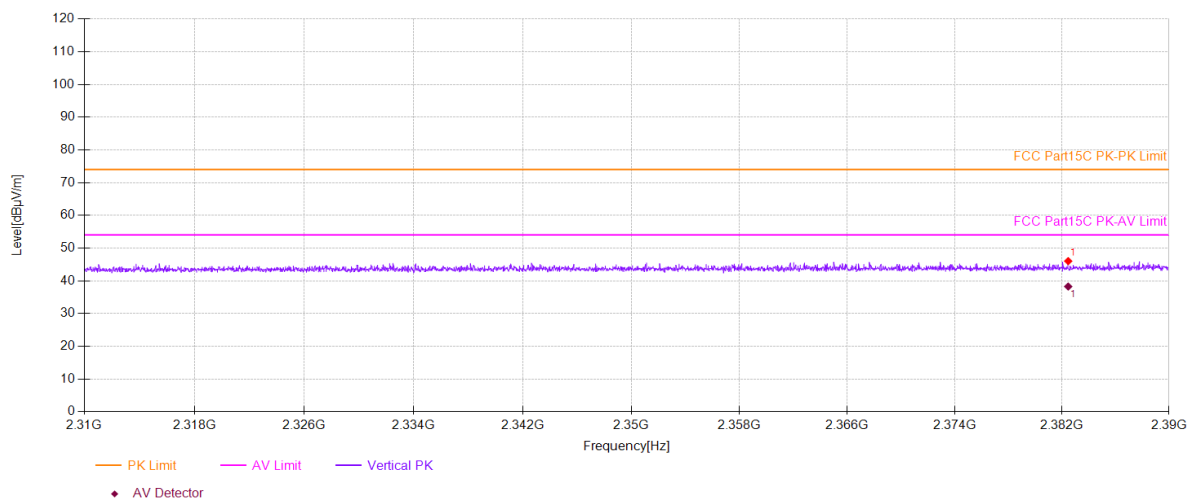


Test Model

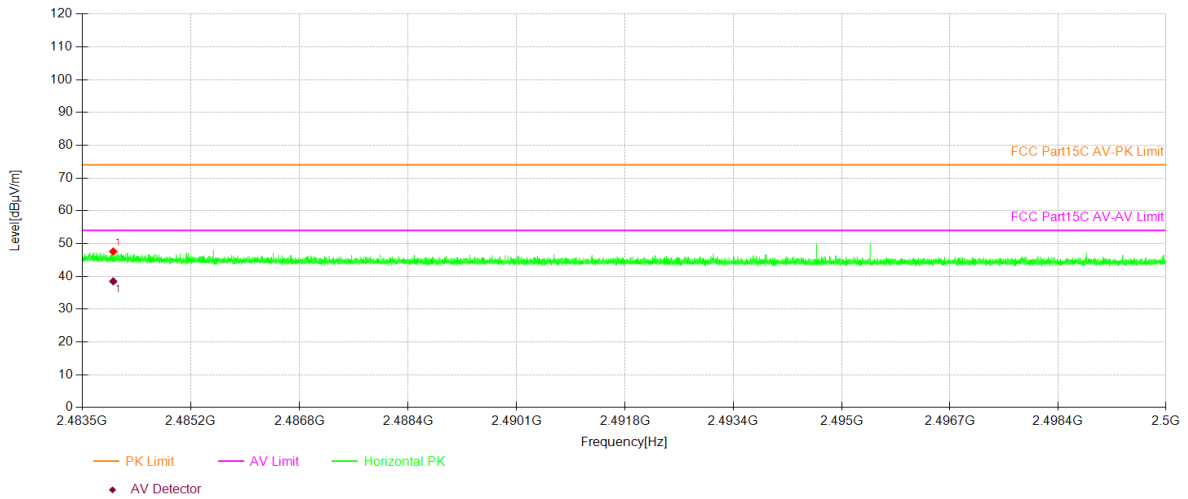
Spurious Emission in Restricted Band 2310-2390MHz
BLE

Channel 0: 2402MHz

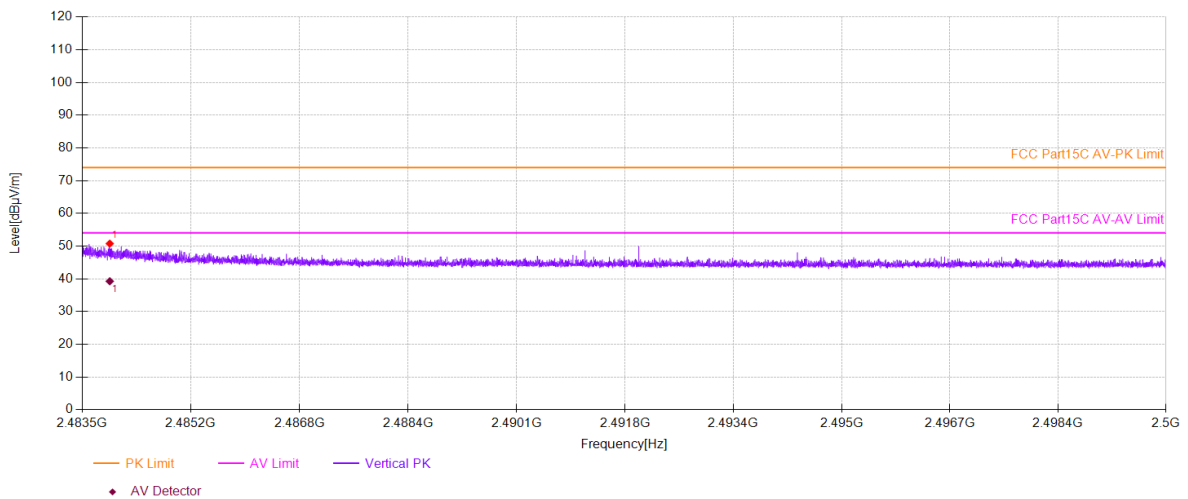
V



Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	BLE		
	Channel 39: 2480MHz	H	



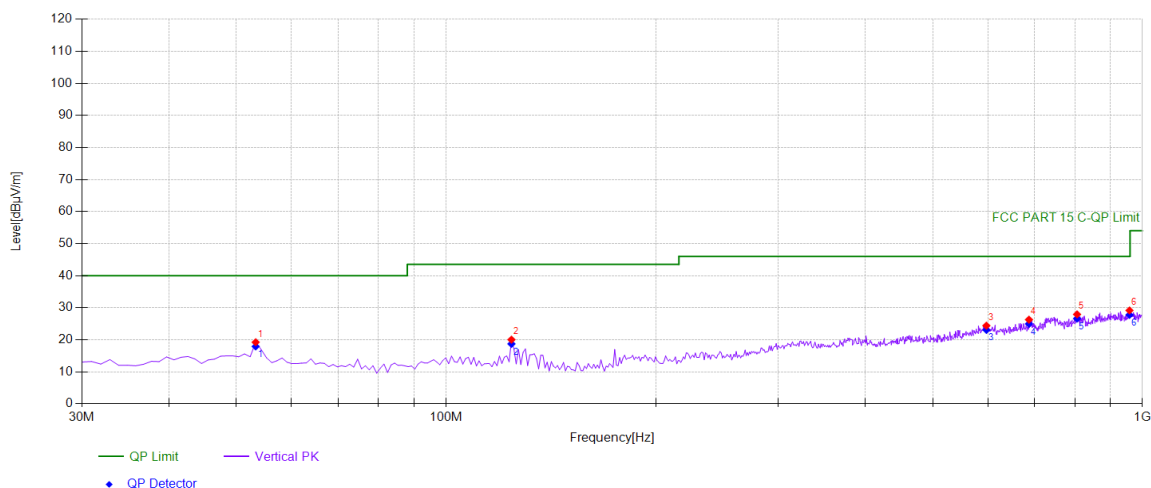
Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	BLE		
	Channel 39: 2480MHz	V	



■ Spurious Emission below 1GHz (30MHz to 1GHz)

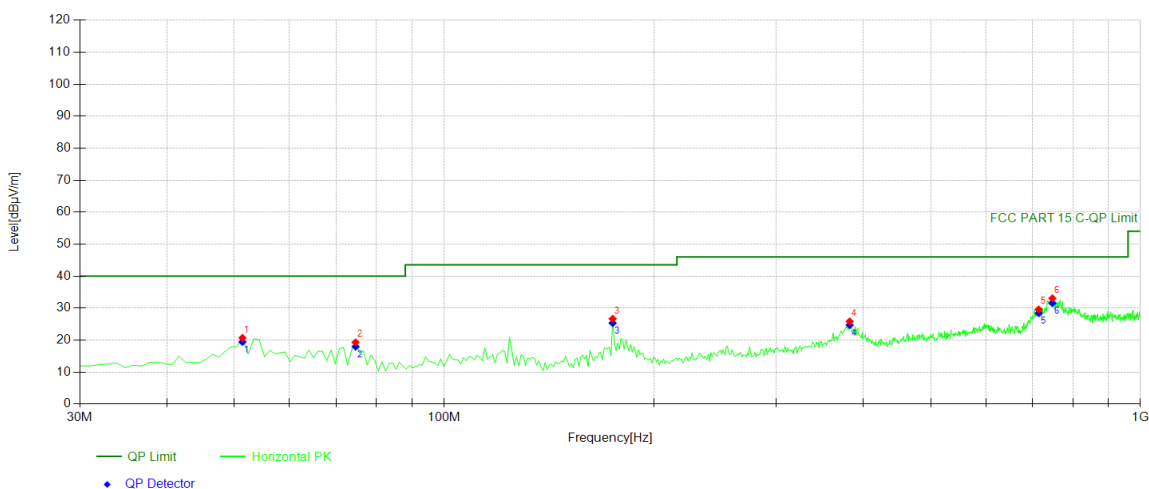
Bluetooth (BLE_1M, BLE_2M) mode have been tested, and the worst result was report as below:

2402



Suspected Data List								
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	53.3033	30.34	-11.11	19.23	PK	40.00	20.77	Vertical
2	124.1842	33.58	-13.55	20.03	PK	43.50	23.47	Vertical
3	597.0470	24.82	-0.42	24.40	PK	46.00	21.60	Vertical
4	687.3473	27.01	-0.74	26.27	PK	46.00	19.73	Vertical
5	805.8058	27.26	0.66	27.92	PK	46.00	18.08	Vertical
6	958.2482	25.83	3.32	29.15	PK	46.00	16.85	Vertical

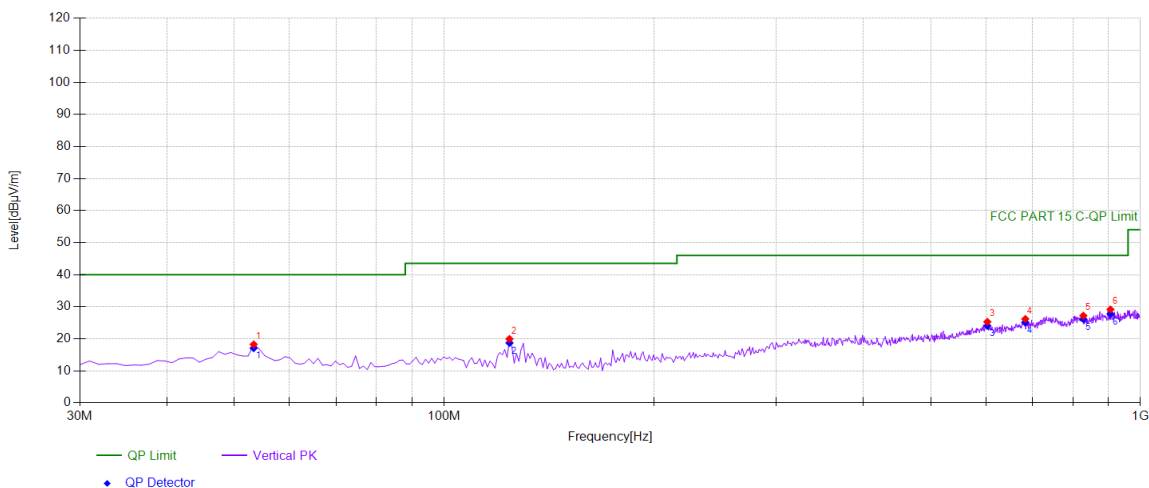
Final Data List						
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	53.3033	29.02	-11.11	17.91	40.00	22.09
2	124.1842	32.26	-13.55	18.71	43.50	24.79
3	597.0470	23.50	-0.42	23.08	46.00	22.92
4	687.3473	25.69	-0.74	24.95	46.00	21.05
5	805.8058	25.94	0.66	26.6	46.00	19.40
6	958.2482	24.43	3.32	27.75	46.00	18.25



Suspected Data List								
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	51.3614	31.52	-10.85	20.67	PK	40.00	19.33	Horizontal
2	74.6647	33.43	-14.15	19.28	PK	40.00	20.72	Horizontal
3	174.6747	40.15	-13.51	26.64	PK	43.50	16.86	Horizontal
4	382.4625	31.61	-5.79	25.82	PK	46.00	20.18	Horizontal
5	714.5345	29.71	-0.14	29.57	PK	46.00	16.43	Horizontal
6	747.5475	33.10	-0.04	33.06	PK	46.00	12.94	Horizontal

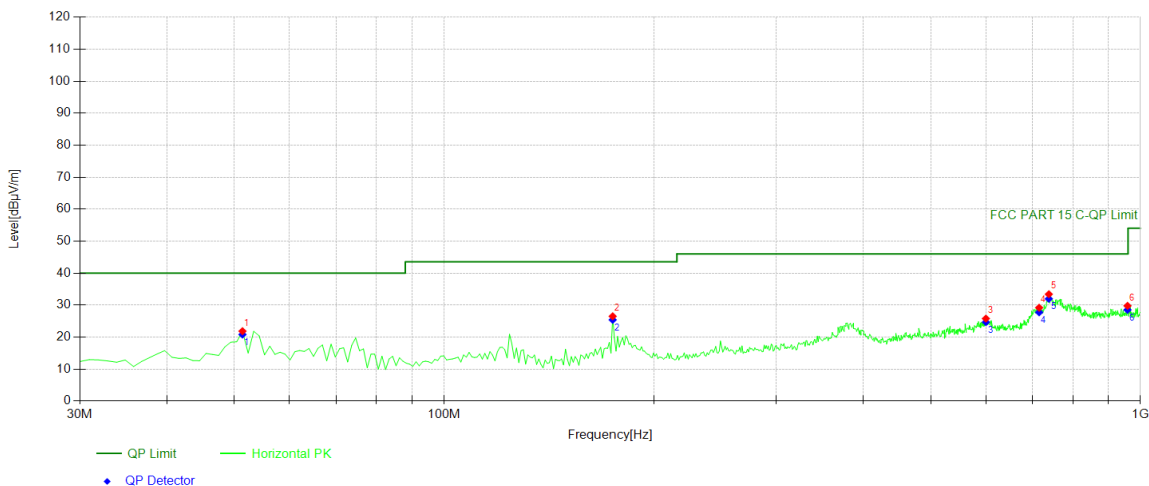
Final Data List						
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	51.3614	30.27	-10.85	19.42	40.00	20.58
2	74.6647	32.10	-14.15	17.95	40.00	22.05
3	174.6747	38.82	-13.51	25.31	43.50	18.19
4	382.4625	30.46	-5.79	24.67	46.00	21.33
5	714.5345	28.56	-0.14	28.42	46.00	17.58
6	747.5475	31.63	-0.04	31.59	46.00	14.41

2440



Suspected Data List								
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	53.3033	29.35	-11.11	18.24	PK	40.00	21.76	Vertical
2	124.1842	33.49	-13.55	19.94	PK	43.50	23.56	Vertical
3	602.8729	25.72	-0.44	25.28	PK	46.00	20.72	Vertical
4	683.4635	27.07	-0.90	26.17	PK	46.00	19.83	Vertical
5	828.1381	26.33	0.87	27.20	PK	46.00	18.80	Vertical
6	905.8158	26.44	2.70	29.14	PK	46.00	16.86	Vertical

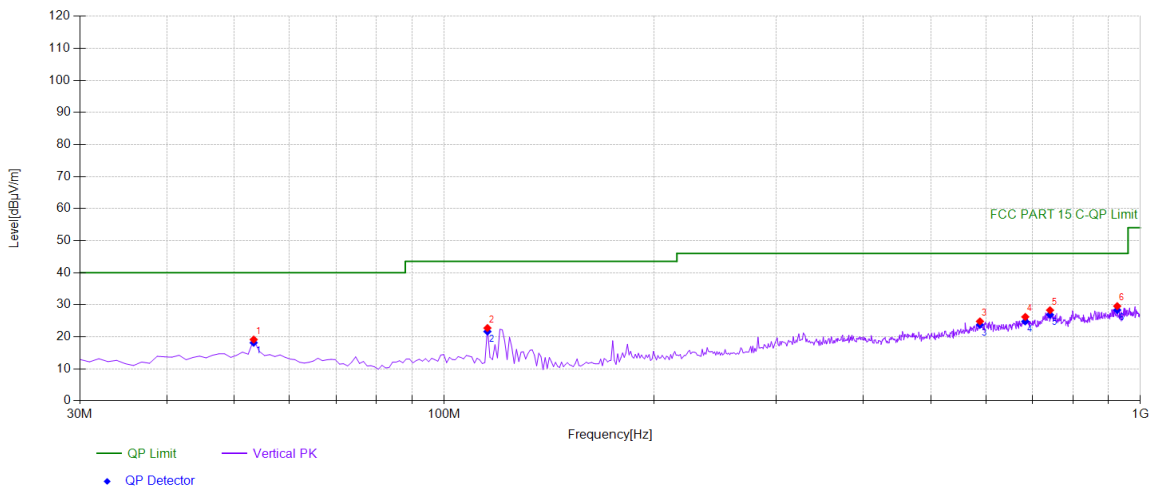
Final Data List						
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	53.3033	28.18	-11.11	17.07	40.00	22.93
2	124.1842	32.24	-13.55	18.69	43.50	24.81
3	602.8729	24.47	-0.44	24.03	46.00	21.97
4	683.4635	26.00	-0.90	25.1	46.00	20.90
5	828.1381	25.26	0.87	26.13	46.00	19.87
6	905.8158	25.05	2.70	27.75	46.00	18.25



Suspected Data List								
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	51.3614	32.69	-10.85	21.84	PK	40.00	18.16	Horizontal
2	174.6747	40.01	-13.51	26.50	PK	43.50	17.00	Horizontal
3	599.9600	26.05	-0.27	25.78	PK	46.00	20.22	Horizontal
4	715.5055	29.32	-0.14	29.18	PK	46.00	16.82	Horizontal
5	738.8088	32.93	0.47	33.40	PK	46.00	12.60	Horizontal
6	958.2482	26.44	3.32	29.76	PK	46.00	16.24	Horizontal

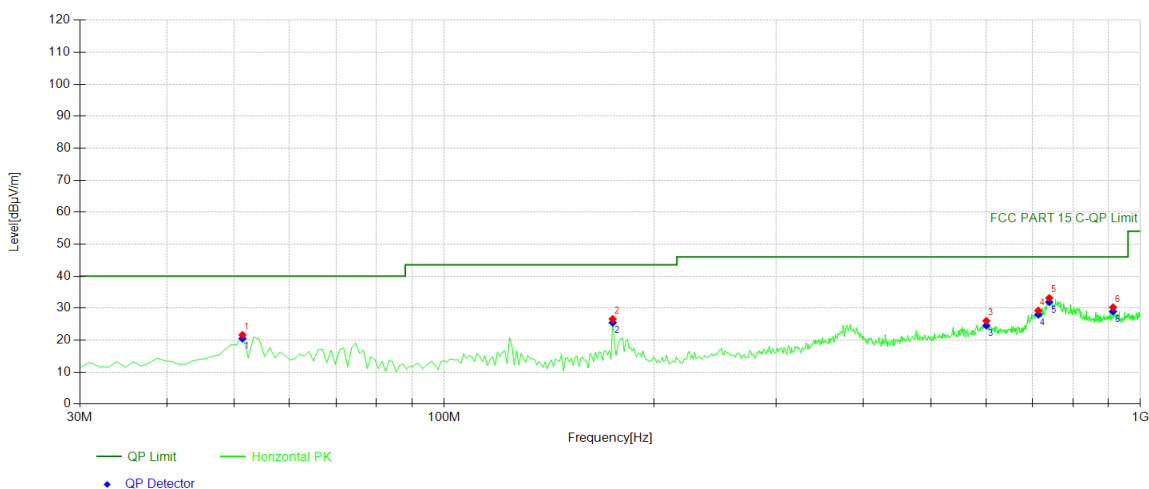
Final Data List						
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	51.3614	31.65	-10.85	20.8	40.00	19.20
2	174.6747	38.89	-13.51	25.38	43.50	18.12
3	599.9600	24.93	-0.27	24.66	46.00	21.34
4	715.5055	27.88	-0.14	27.74	46.00	18.26
5	738.8088	31.49	0.47	31.96	46.00	14.04
6	958.2482	25.18	3.32	28.5	46.00	17.50

2480



Suspected Data List								
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	53.3033	30.24	-11.11	19.13	PK	40.00	20.87	Vertical
2	115.4454	35.70	-12.98	22.72	PK	43.50	20.78	Vertical
3	588.3083	25.68	-0.87	24.81	PK	46.00	21.19	Vertical
4	683.4635	27.10	-0.90	26.20	PK	46.00	19.80	Vertical
5	741.7217	27.91	0.38	28.29	PK	46.00	17.71	Vertical
6	926.2062	27.03	2.53	29.56	PK	46.00	16.44	Vertical

Final Data List						
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	53.3033	29.23	-11.11	18.12	40.00	21.88
2	115.4454	34.61	-12.98	21.63	43.50	21.87
3	588.3083	24.59	-0.87	23.72	46.00	22.28
4	683.4635	25.69	-0.90	24.79	46.00	21.21
5	741.7217	26.50	0.38	26.88	46.00	19.12
6	926.2062	25.80	2.53	28.33	46.00	17.67



Suspected Data List								
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	51.3614	32.45	-10.85	21.60	PK	40.00	18.40	Horizontal
2	174.6747	40.09	-13.51	26.58	PK	43.50	16.92	Horizontal
3	600.9309	26.33	-0.33	26.00	PK	46.00	20.00	Horizontal
4	713.5636	29.39	-0.16	29.23	PK	46.00	16.77	Horizontal
5	739.7798	32.67	0.49	33.16	PK	46.00	12.84	Horizontal
6	913.5836	27.44	2.79	30.23	PK	46.00	15.77	Horizontal

Final Data List						
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	51.3614	31.31	-10.85	20.46	40.00	19.54
2	174.6747	38.95	-13.51	25.44	43.50	18.06
3	600.9309	24.87	-0.33	24.54	46.00	21.46
4	713.5636	28.11	-0.16	27.95	46.00	18.05
5	739.7798	31.39	0.49	31.88	46.00	14.12
6	913.5836	26.16	2.79	28.95	46.00	17.05

8.8 CONDUCTED EMISSIONS TEST

8.8.1 Applicable Standard

According to FCC Part 15.207(a)
According to IC RSS-Gen 8.8

8.8.2 Conformance Limit

Frequency(MHz)	Conducted Emission Limit	
	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

8.8.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

8.8.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

8.8.5 Test Results

N/A

8.9 ANTENNA APPLICATION

8.9.1 Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part 15.247 (b)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.
RSS-247 Section 5.4	If the transmitter employs an antenna system that emits multiple directional beams, but does not emit multiple directional beams simultaneously, the total output power conducted to the array or arrays that comprise the device (i.e. the sum of the power supplied to all antennas, antenna elements, staves, etc., and summed across all carriers or frequency channels) shall not exceed the applicable output power limit. However, the total conducted output power shall be reduced by 1 dB below the specified limits for each 3 dB that the directional gain of the antenna/antenna array exceeds 6 dBi. The directional antenna gain shall be computed as the sum of 10 log (number of array elements or staves) plus the directional gain of the element or stave having the highest gain.

8.9.2 Result

PASS.

- Note:
- ☒ Antenna use a permanently attached antenna which is not replaceable.
 - ☐ Not using a standard antenna jack or electrical connector for antenna replacement
 - ☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached document Internal Photos to show the antenna connector.

----- END OF REPORT -----