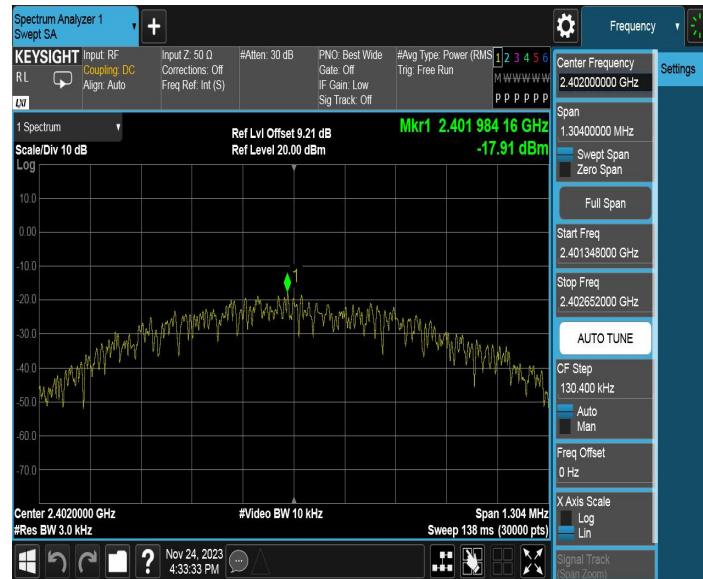


7.4.5. Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.91	≤8.00	PASS
		2440	-18.93	≤8.00	PASS
		2480	-19.73	≤8.00	PASS
BLE_2M	Ant1	2402	-21.15	≤8.00	PASS
		2440	-22.23	≤8.00	PASS
		2480	-23.04	≤8.00	PASS

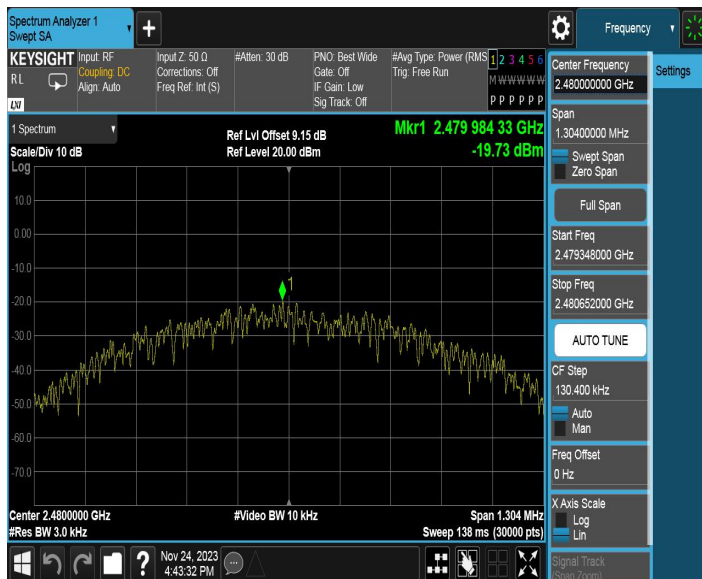
BLE_1M_Ant1_2402



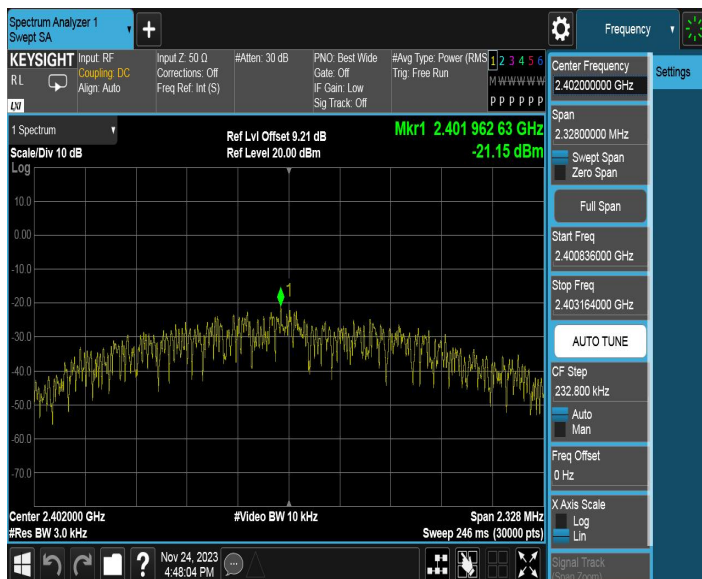
BLE_1M_Ant1_2440



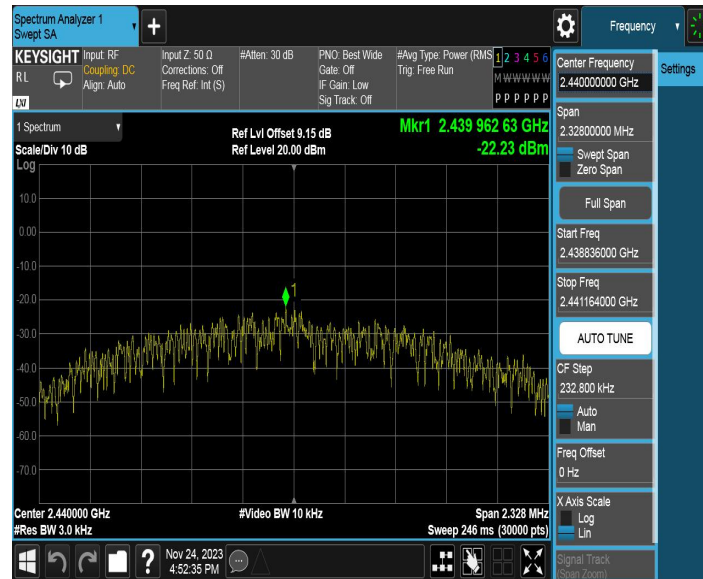
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2. Test Procedure Used

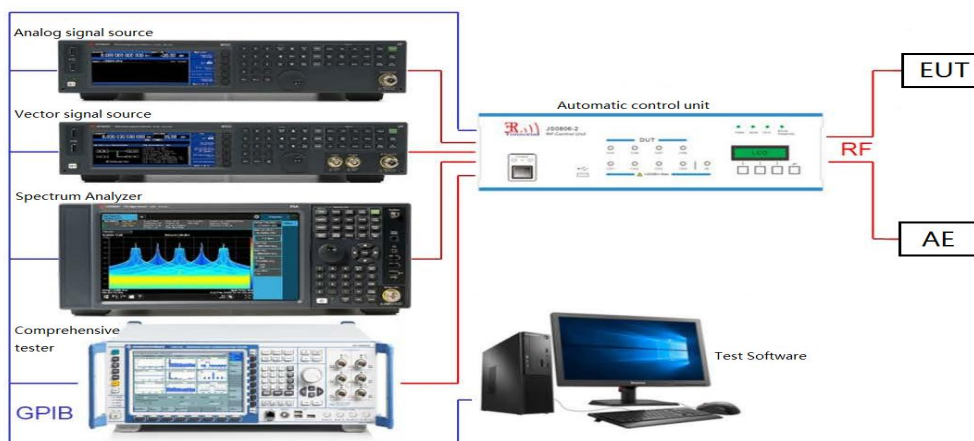
KDB 558074 D01 v05r02 - Section 8.5 & Section 8.6

ANSI C63.10 – Section 11.11&11.12

7.5.3. Test Settintg

- (a) Set the center frequency and span to encompass frequency range to be measured
- (b) RBW = 100kHz
- (c) VBW = 300kHz
- (d) Detector = Peak
- (e) Trace mode = max hold
- (f) Sweep time = auto couple
- (g) The trace was allowed to stabilize

7.5.4. Test Setup



7.5.5. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.39	-49.14	≤-23.39	PASS
		High	2480	-5.13	-49.03	≤-25.13	PASS
BLE_2M	Ant1	Low	2402	-3.48	-37.47	≤-23.48	PASS
		High	2480	-5.40	-49.33	≤-25.4	PASS

Test Mode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-48.38	≤-41.20	PASS
				AV	2376.650	-47.48	≤-41.20	PASS
				AV	2390.000	-47.95	≤-41.20	PASS
				Peak	2310.000	-39.79	≤-21.20	PASS
				Peak	2331.815	-37.35	≤-21.20	PASS
				Peak	2390.000	-39.42	≤-21.20	PASS
		High	2480	AV	2483.500	-47.7	≤-41.20	PASS
				AV	2483.760	-47.27	≤-41.20	PASS
				AV	2500.000	-47.96	≤-41.20	PASS
				Peak	2483.500	-36.94	≤-21.20	PASS
				Peak	2499.360	-36.34	≤-21.20	PASS
				Peak	2500.000	-38.29	≤-21.20	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-48.07	≤-41.20	PASS
				AV	2348.720	-47.13	≤-41.20	PASS
				AV	2390.000	-47.59	≤-41.20	PASS
				Peak	2310.000	-39.64	≤-21.20	PASS
				Peak	2383.475	-36.18	≤-21.20	PASS
				Peak	2390.000	-38.7	≤-21.20	PASS
		High	2480	AV	2483.500	-44.86	≤-41.20	PASS
				AV	2483.520	-44.86	≤-41.20	PASS
				AV	2500.000	-47.85	≤-41.20	PASS
				Peak	2483.500	-37.06	≤-21.20	PASS
				Peak	2483.680	-34.41	≤-21.20	PASS
				Peak	2500.000	-39.31	≤-21.20	PASS

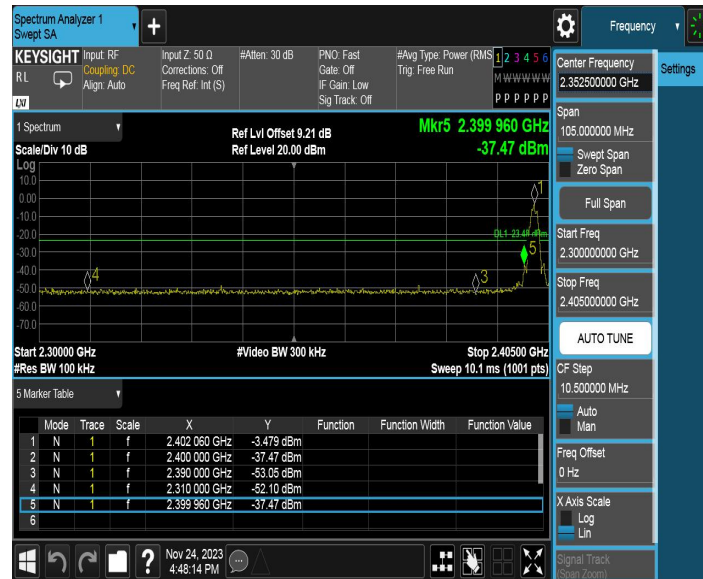
BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



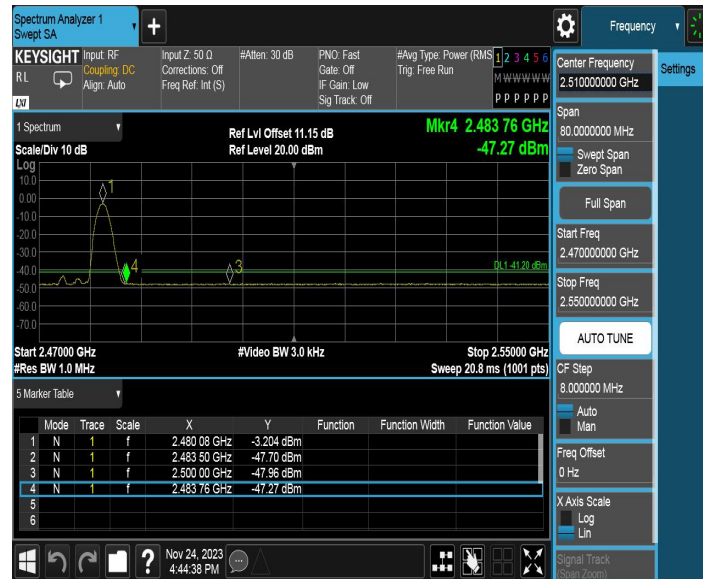
BLE_1M_Ant1_Low_2402_AV



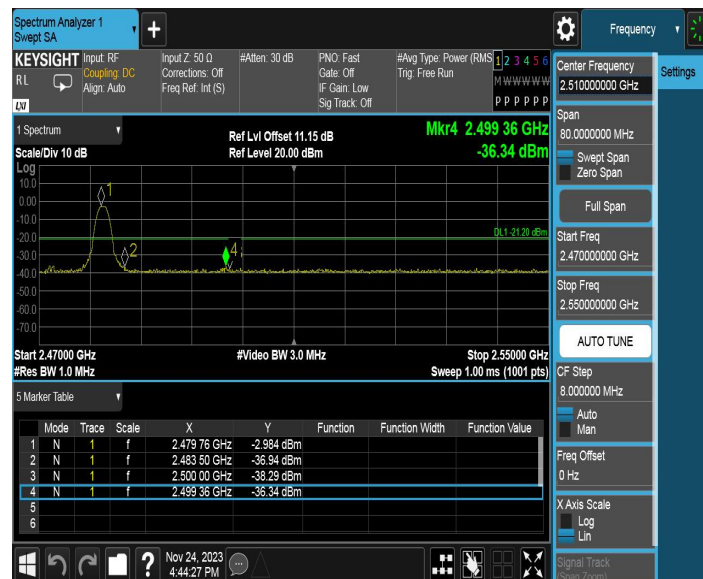
BLE_1M_Ant1_Low_2402_Peak



BLE_1M_Ant1_High_2480_AV



BLE_1M_Ant1_High_2480_Peak



BLE_2M_Ant1_Low_2402_AV



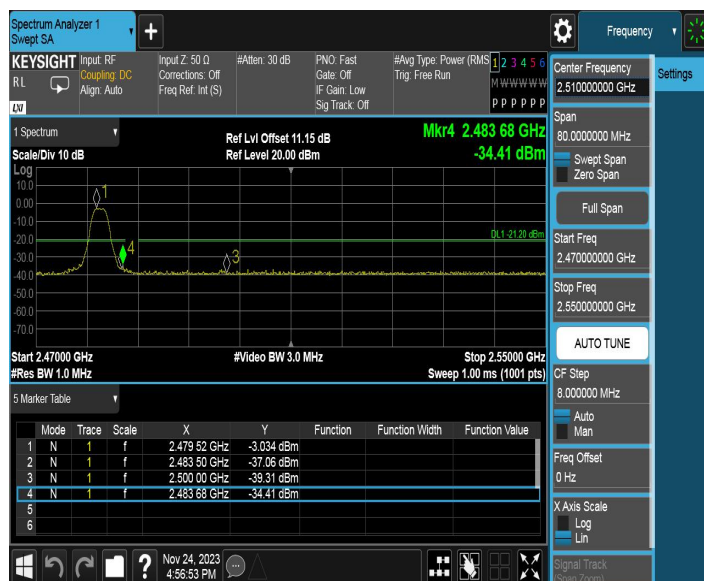
BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak



7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2. Test Procedure Used

ANSI C63.10-2013 – Section 6.6.4.3

7.6.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

- Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

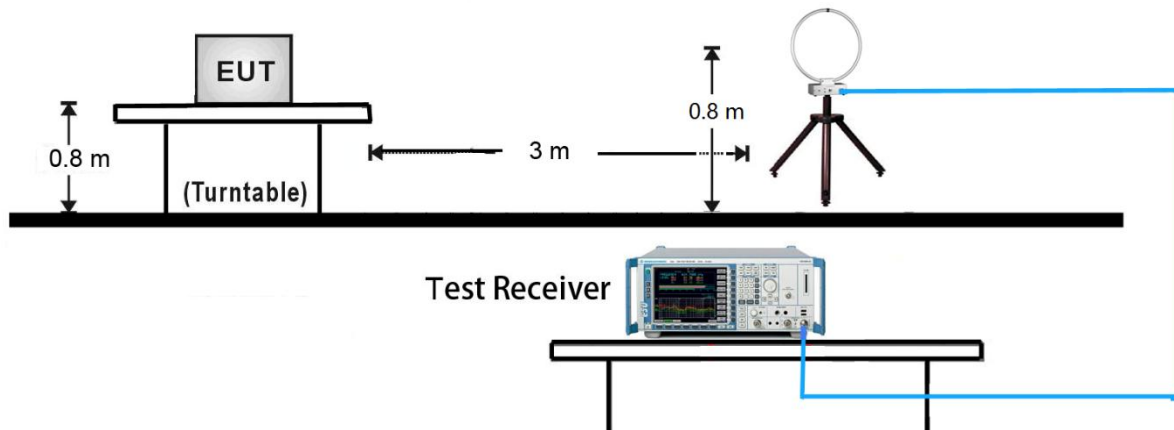
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

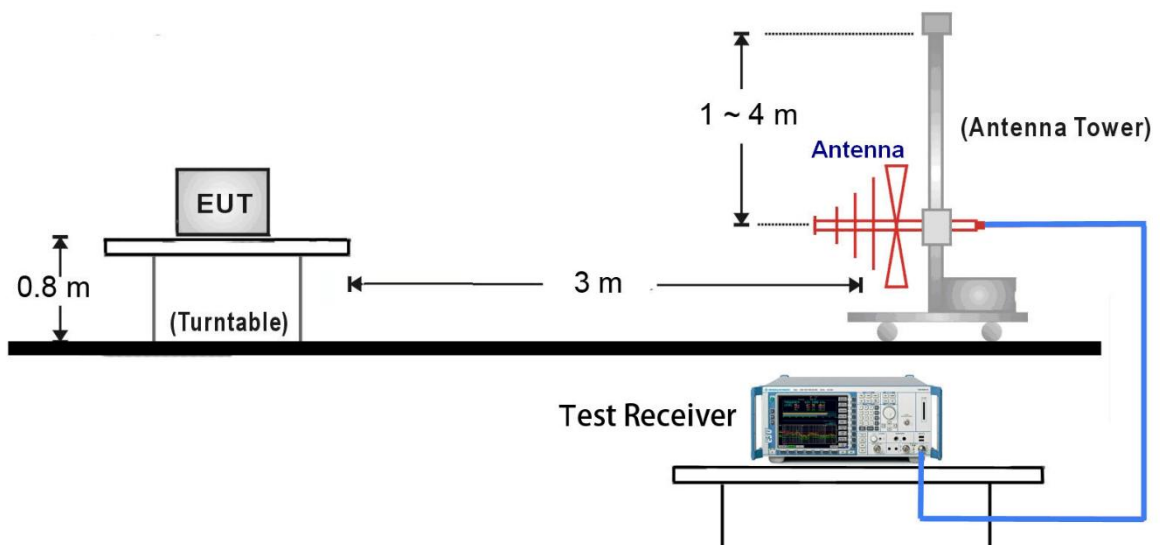
- Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- RBW = 1MHz
- VBW = 3MHz
- Detector = Power Average (RMS)
- Number of sweep point = 2001 (Number of sweep points must be $\geq 2 \times \text{span} / \text{RBW}$)
- Sweep time = auto
- Trace (RMS) averaging was performed over at least 100 traces.

7.6.4. Test Setup

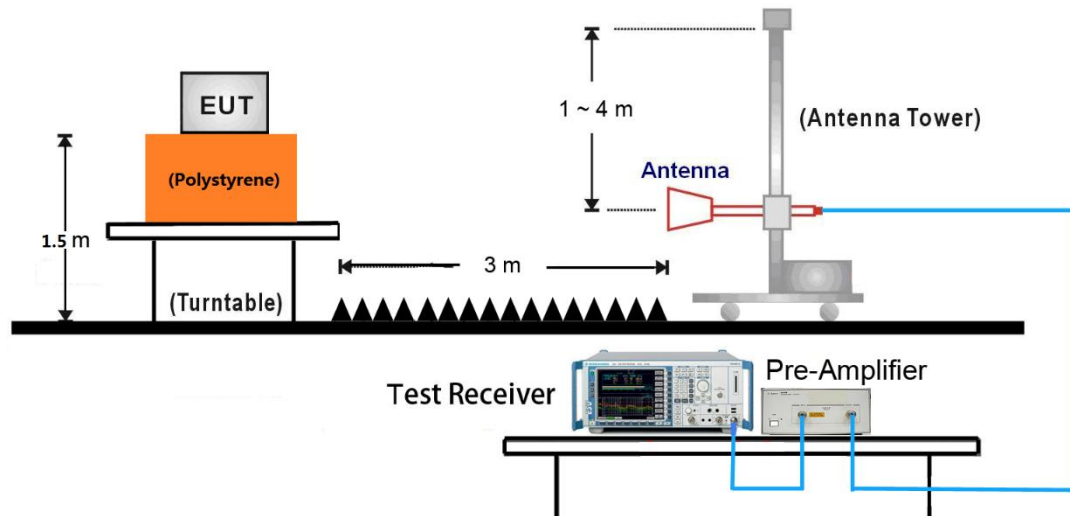
9kHz ~ 30MHz Test Setup:



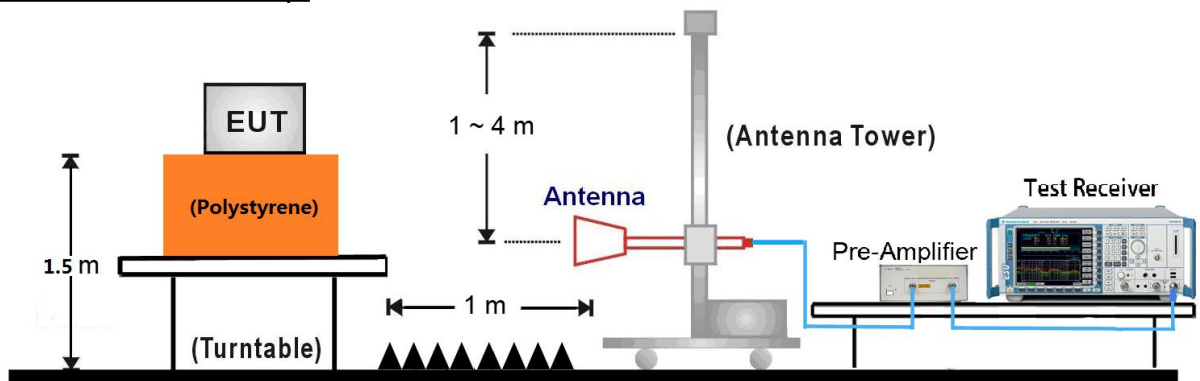
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:



7.6.5. Test Result

Test Mode:	BLE_1M	Test Date:	2023-12-04
Test Channel:	00	Test Engineer:	Stone Zhang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
1702.0000	28.69	-12.54	74.00	45.31	Peak	Horizontal
2998.0000	42.85	-6.60	74.00	31.15	Peak	Horizontal
4852.5000	35.18	-3.12	74.00	38.82	Peak	Horizontal
8460.0000	39.44	4.22	74.00	34.56	Peak	Horizontal
1214.0000	27.58	-14.12	74.00	46.42	Peak	Vertical
2996.0000	44.15	-6.61	74.00	29.85	Peak	Vertical
4567.5000	34.32	-3.13	74.00	39.68	Peak	Vertical
8617.5000	40.40	4.21	74.00	33.60	Peak	Vertical

Test Mode:	BLE_1M	Test Date:	2023-12-04
Test Channel:	19	Test Engineer:	Stone Zhang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
1800.0000	28.83	-12.01	74.00	45.17	Peak	Horizontal
3000.0000	41.79	-5.96	74.00	32.21	Peak	Horizontal
5422.5000	36.15	-0.90	74.00	37.85	Peak	Horizontal
8287.5000	39.35	3.99	74.00	34.65	Peak	Horizontal
1610.0000	28.30	-13.03	74.00	45.70	150	Vertical
2548.0000	37.52	-7.79	74.00	36.48	150	Vertical
2998.0000	44.80	-6.60	74.00	29.20	150	Vertical
7320.0000	39.00	3.19	74.00	35.00	150	Vertical

Test Mode:	BLE_1M	Test Date:	2023-12-04
Test Channel:	39	Test Engineer:	Stone Zhang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
1538.0000	27.76	-13.34	74.00	46.24	Peak	Horizontal
2996.0000	44.56	-6.61	74.00	29.44	Peak	Horizontal
3442.5000	34.35	-6.34	74.00	39.65	Peak	Horizontal
7440.0000	38.94	3.34	74.00	35.06	Peak	Horizontal
2548.0000	37.27	-7.79	74.00	36.73	Peak	Vertical
2996.0000	43.20	-6.61	74.00	30.80	Peak	Vertical
3442.5000	34.88	-6.34	74.00	39.12	Peak	Vertical
8467.5000	39.98	4.27	74.00	34.02	Peak	Vertical

Test Mode:	BLE_2M	Test Date:	2023-12-04
Test Channel:	00	Test Engineer:	Stone Zhang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3000.0000	44.57	-6.60	74.00	29.43	Peak	Horizontal
3442.5000	33.26	-6.34	74.00	40.74	Peak	Horizontal
6577.5000	37.53	1.37	74.00	36.47	Peak	Horizontal
9285.0000	41.35	6.30	74.00	32.65	Peak	Horizontal
2548.0000	37.46	-7.79	74.00	36.54	Peak	Vertical
2998.0000	44.15	-6.60	74.00	29.85	Peak	Vertical
3442.5000	38.02	-6.34	74.00	35.98	Peak	Vertical
7200.0000	39.07	3.09	74.00	34.93	Peak	Vertical

Test Mode:	BLE_1M	Test Date:	2023-12-04
Test Channel:	19	Test Engineer:	Stone Zhang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3000.0000	43.65	-6.60	74.00	30.35	Peak	Horizontal
3442.5000	33.00	-6.34	74.00	41.00	Peak	Horizontal
4522.5000	35.15	-3.10	74.00	38.85	Peak	Horizontal
7710.0000	38.66	3.61	74.00	35.34	Peak	Horizontal
1948.0000	31.23	-11.41	74.00	42.77	Peak	Vertical
2996.0000	44.27	-6.61	74.00	29.73	Peak	Vertical
3442.5000	35.94	-6.34	74.00	38.06	Peak	Vertical
7837.5000	39.45	3.37	74.00	34.55	Peak	Vertical

Test Mode:	BLE_2M	Test Date:	2023-12-04
Test Channel:	39	Test Engineer:	Stone Zhang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

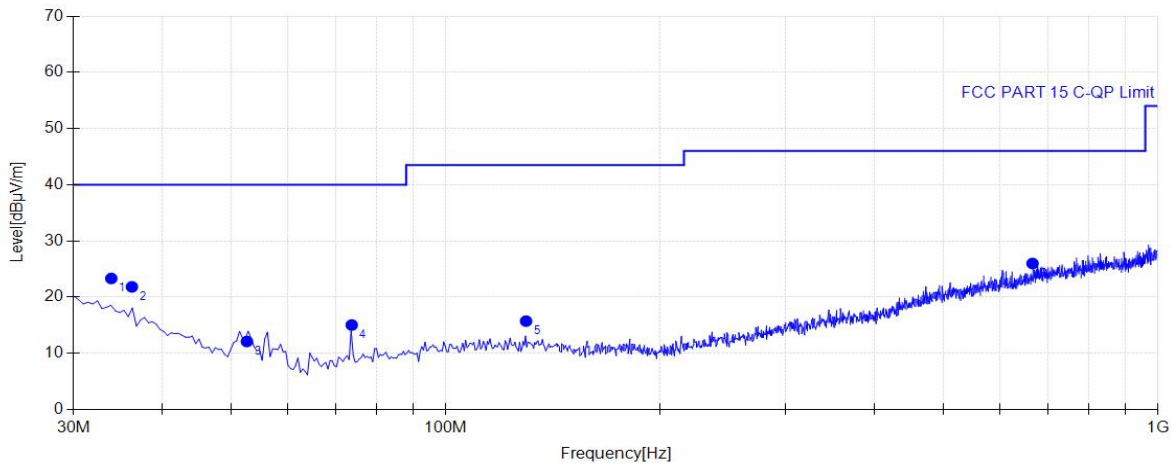
Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
2550.0000	35.45	-7.82	74.00	38.55	Peak	Horizontal
2998.0000	43.87	-6.60	74.00	30.13	Peak	Horizontal
7432.5000	38.53	3.31	74.00	35.47	Peak	Horizontal
9562.5000	42.47	7.09	74.00	31.53	Peak	Horizontal
1600.0000	33.92	-13.09	74.00	40.08	Peak	Vertical
2550.0000	39.41	-7.82	74.00	34.59	Peak	Vertical
2998.0000	44.54	-6.60	74.00	29.46	Peak	Vertical
8490.0000	40.27	4.43	74.00	33.73	Peak	Vertical

The worst case of Radiated Emission below 1GHz:

30MHz – 1GHz Test Data

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	Horizontal
Model:	KD-5811BT	SN:	N/A
Mode:	Transmit at BLE_1M Channel 00	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang

Test Graph



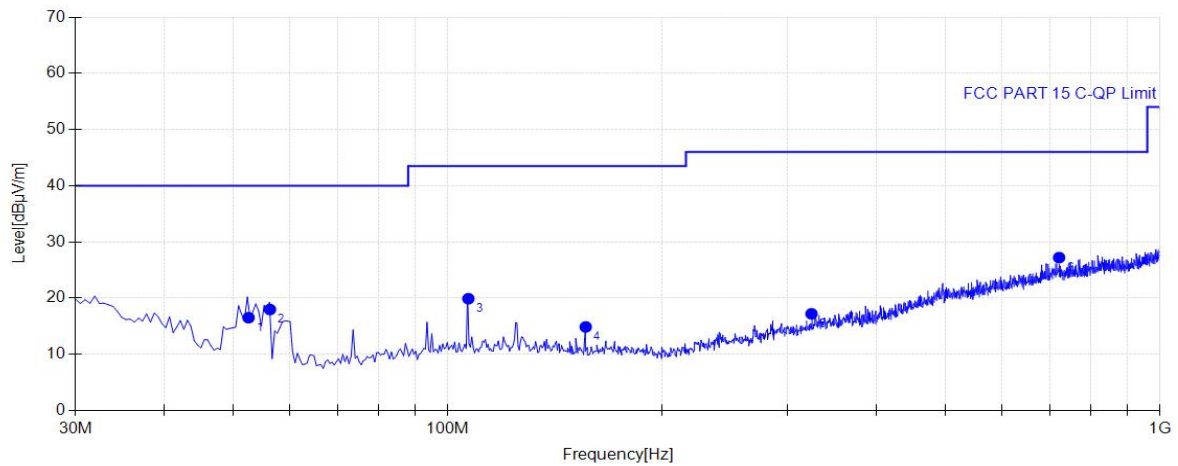
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.9075	17.52	23.32	40.00	16.68	100.1	149.9	Horizontal
2	36.2488	16.28	21.83	40.00	18.17	100.1	34.2	Horizontal
3	52.5750	8.56	12.10	40.00	27.90	100.1	124.8	Horizontal
4	73.7875	8.87	15.03	40.00	24.97	100.1	344.4	Horizontal
5	129.651	11.47	15.72	43.50	27.78	100.1	345.4	Horizontal
6	666.635	21.36	25.98	46.00	20.02	100.1	252.3	Horizontal

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	Horizontal
Model:	KD-5811BT	SN:	N/A
Mode:	Transmit at BLE_1M Channel 00	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang

Test Graph



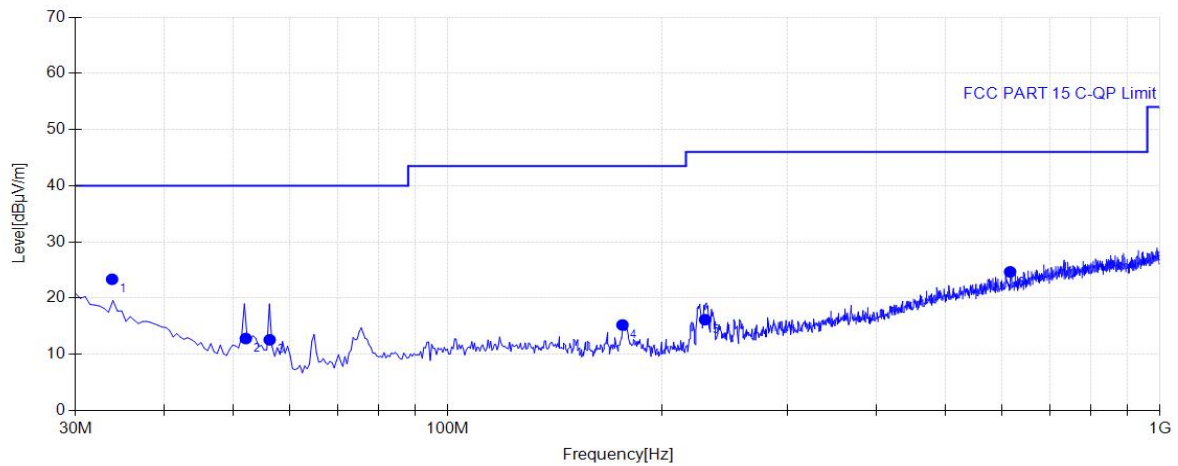
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	52.5129	8.69	16.51	40.00	23.49	100.1	31.9	Vertical
2	56.2746	7.65	17.98	40.00	22.02	100.1	112.2	Vertical
3	106.895	11.34	19.89	43.50	23.61	100.1	222.4	Vertical
4	156.215	10.50	14.87	43.50	28.63	100.1	306.9	Vertical
5	324.122	14.34	17.21	46.00	28.79	100.1	344.5	Vertical
6	721.686	22.14	27.20	46.00	18.80	100.1	1.2	Vertical

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	Horizontal
Model:	KD-5811BT	SN:	N/A
Mode:	Transmit at BLE_2M Channel 00	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang

Test Graph



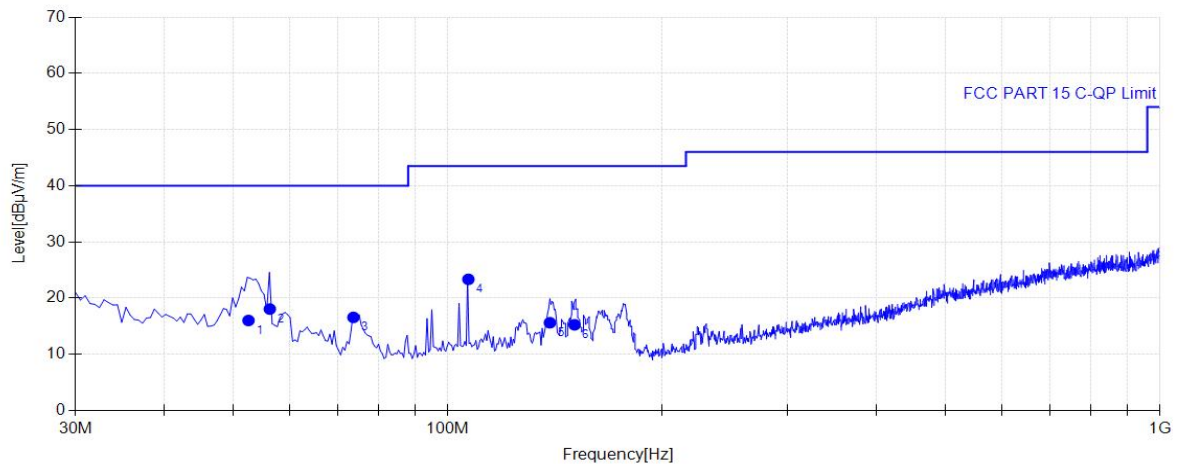
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.7810	17.52	23.35	40.00	16.65	100.1	267.3	Horizontal
2	52.0455	8.82	12.80	40.00	27.20	100.1	45.3	Horizontal
3	56.2258	7.65	12.58	40.00	27.42	100.1	285.2	Horizontal
4	175.895	10.64	15.22	43.50	28.28	100.1	166.3	Horizontal
5	229.748	10.85	16.16	46.00	29.84	100.1	224.2	Horizontal
6	616.040	20.63	24.67	46.00	21.33	100.1	141.2	Horizontal

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	Horizontal
Model:	KD-5811BT	SN:	N/A
Mode:	Transmit at BLE_2M Channel 00	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang

Test Graph



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	52.4977	8.69	16.02	40.00	23.98	100.1	156.9	Vertical
2	56.2461	7.65	18.05	40.00	21.95	100.1	143.6	Vertical
3	73.7087	8.87	16.57	40.00	23.43	100.1	70.1	Vertical
4	106.880	11.34	23.34	43.50	20.16	100.1	143.6	Vertical
5	139.106	11.32	15.62	43.50	27.88	100.1	143.5	Vertical
6	150.667	10.75	15.25	43.50	28.25	100.1	243.1	Vertical

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 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	8.25 - 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	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	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 - 156.525	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	(²)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For RSS-Gen Section 8.10 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.009 - 0.110	240 - 285	9.0 - 9.2
2.1735 - 2.1905	322 - 335.4	9.3 - 9.5
3.020 - 3.026	399.9 - 410	10.6 - 12.7
4.125 - 4.128	608 - 614	13.25 - 13.4
4.17725 - 4.17775	960 - 1427	14.47 - 14.5
4.20725 - 4.20775	1435 - 1626.5	15.35 - 16.2
5.677 - 5.683	1645.5 - 1646.5	17.7 - 21.4
6.215 - 6.218	1660 - 1710	22.01 - 23.12
6.26775 - 6.26825	1718.8 -1722.2	23.6 - 24.0
6.31175 - 6.31225	2200 - 2300	31.2 - 31.8
8.291 - 8.294	2310 -2390	36.43 - 36.5
8.362 - 8.366	2655 - 2900	Above 38.6
8.37625 - 8.38675	3260 - 3267	--
8.41425 - 8.41475	3332 -3339	
12.29 - 12.293	334.5 - 3358	
12.51975 - 12.52025	3500 - 4400	
12.57675 - 12.57725	4500 - 5150	
13.36 -13.41	5350 - 5460	
16.42 - 16.423	7250 - 7750	
16.69475 - 16.69525	8025 - 8500	
16.80425 - 16.80475	--	
25.5 - 25.67		
37.5 - 38.25		
73 - 74.6		
74.8 - 75.2		
108 - 138		
156.52475 - 156.525225		
156.7 - 156.9		

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen

must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3. Test Setting

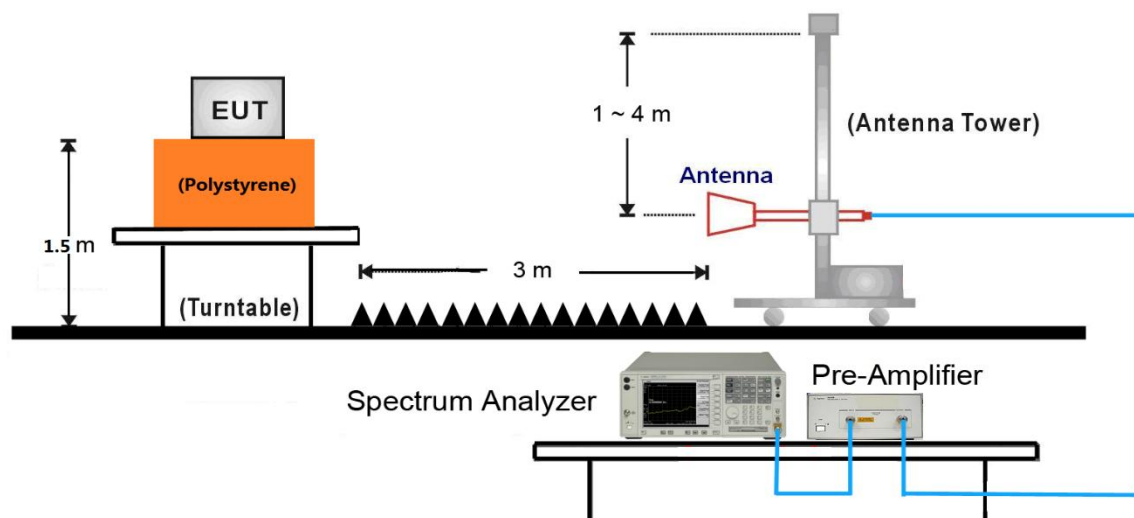
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Power Average (RMS)
5. Number of sweep point = 2001 (Number of sweep points must be $\geq 2 \times \text{span} / \text{RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

7.7.4. Test Setup

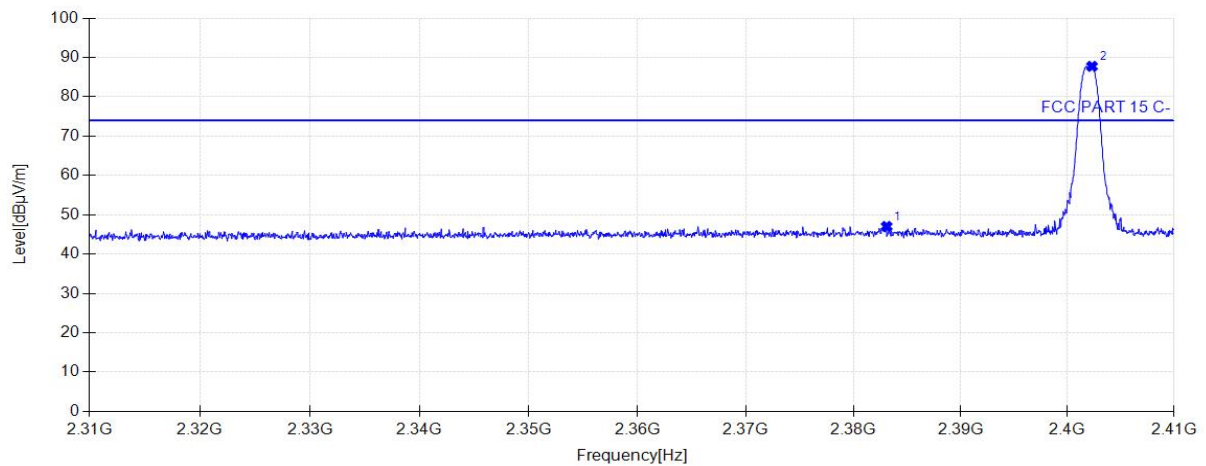


Note: This item was performed with the WIFI antenna connected.

7.7.5. Test Result

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 00		

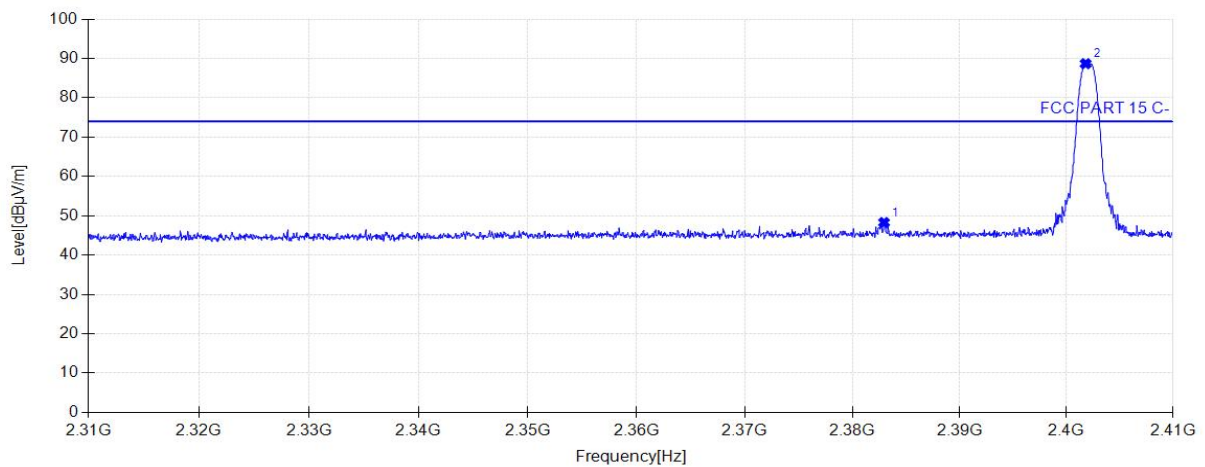
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2383.1000	47.03	32.71	74.00	26.97	150	168	Horizontal
2	2402.3000	87.74	32.81	/	/	150	181	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 00		

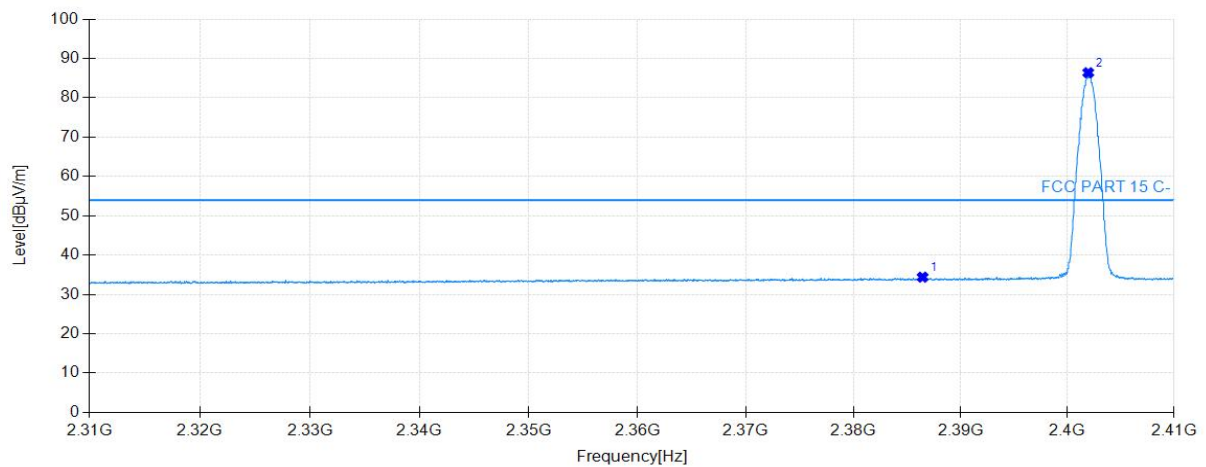
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2382.9500	48.29	32.70	74.00	25.71	150	172	Vertical
2	2401.8000	88.67	32.80	/	/	150	42	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 00		

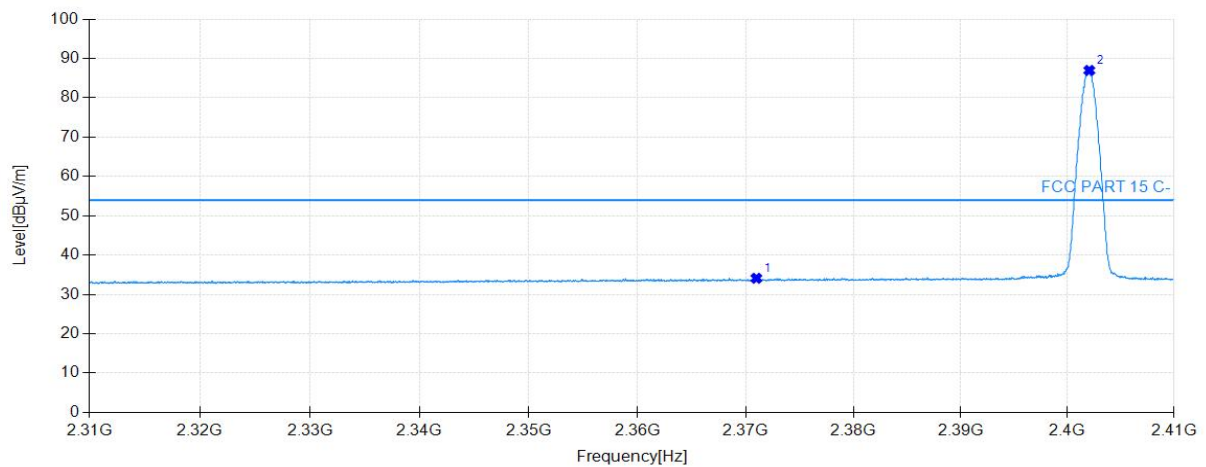
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.4500	34.40	32.72	54.00	19.60	160	106	Horizontal
2	2401.9500	86.38	32.80	/	/	160	168	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 00		

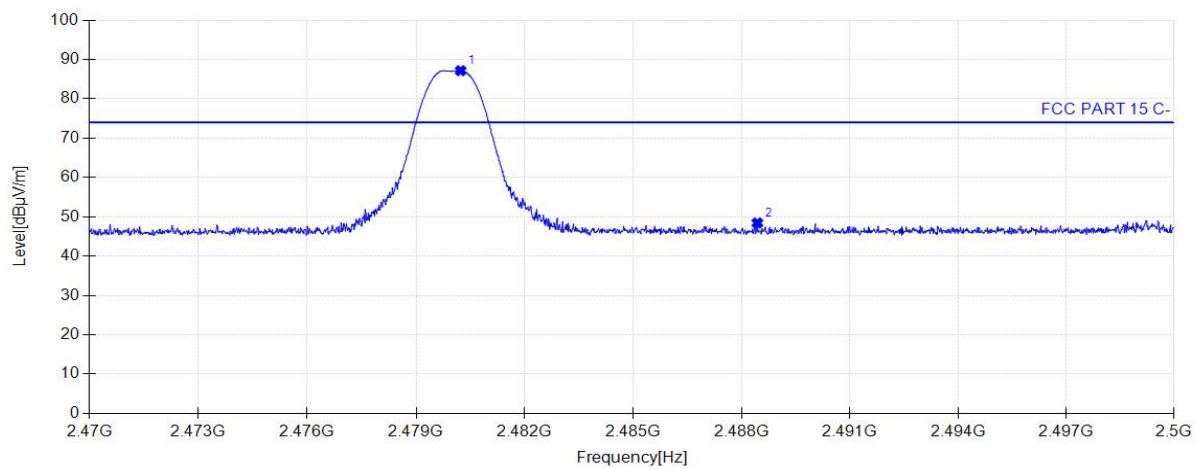
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2371.0000	34.12	32.64	54.00	19.88	160	283	Vertical
2	2402.0500	86.96	32.80	/	/	160	42	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 39		

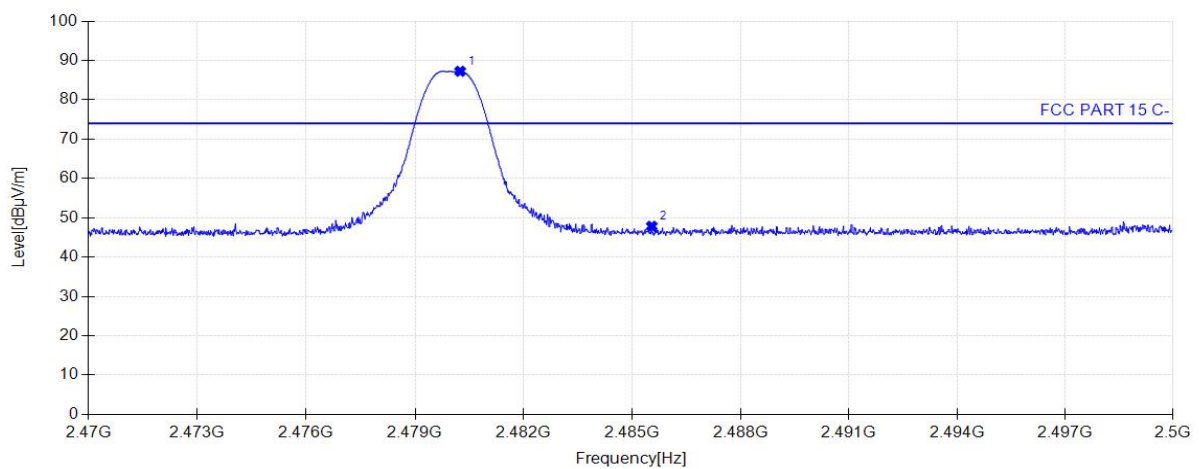
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.2300	87.15	33.22	/	/	160	65	Horizontal
2	2488.4350	48.44	33.26	74.00	25.56	160	358	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 39		

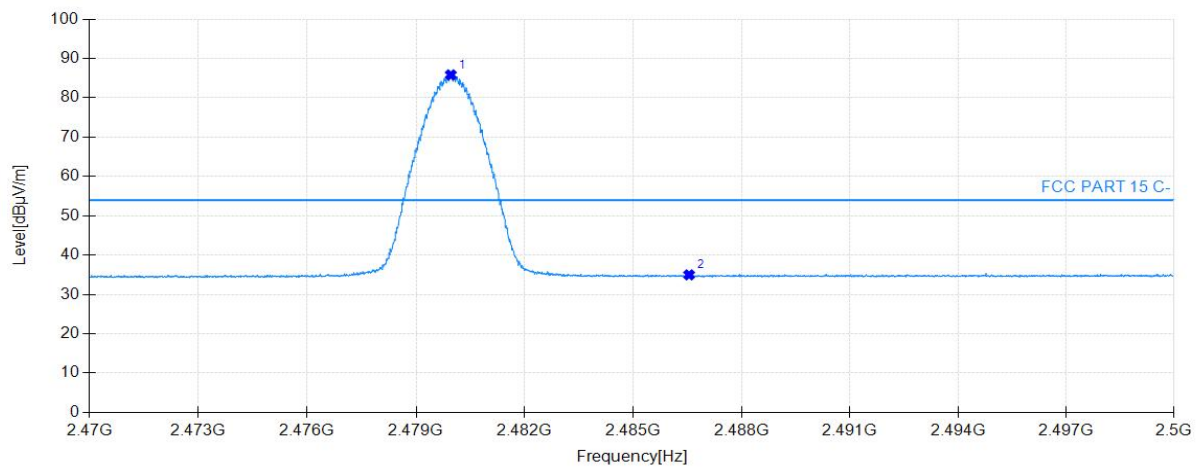
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.2450	87.25	33.22	/	/	160	83	Vertical
2	2485.5400	47.86	33.24	74.00	26.14	160	34	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 39		

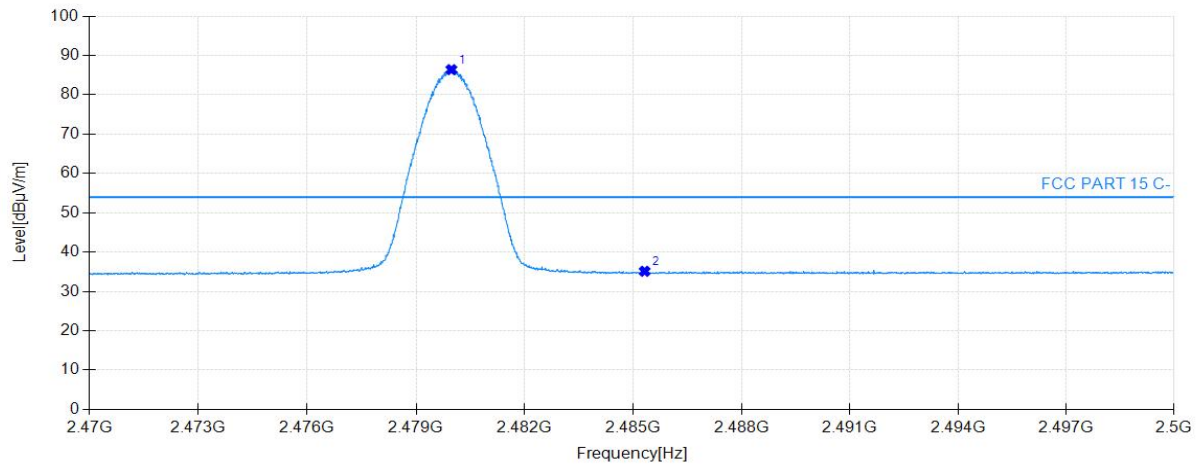
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.9600	85.83	33.21	/	/	160	64	Horizontal
2	2486.5450	34.98	33.25	54.00	19.02	160	359	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 39		

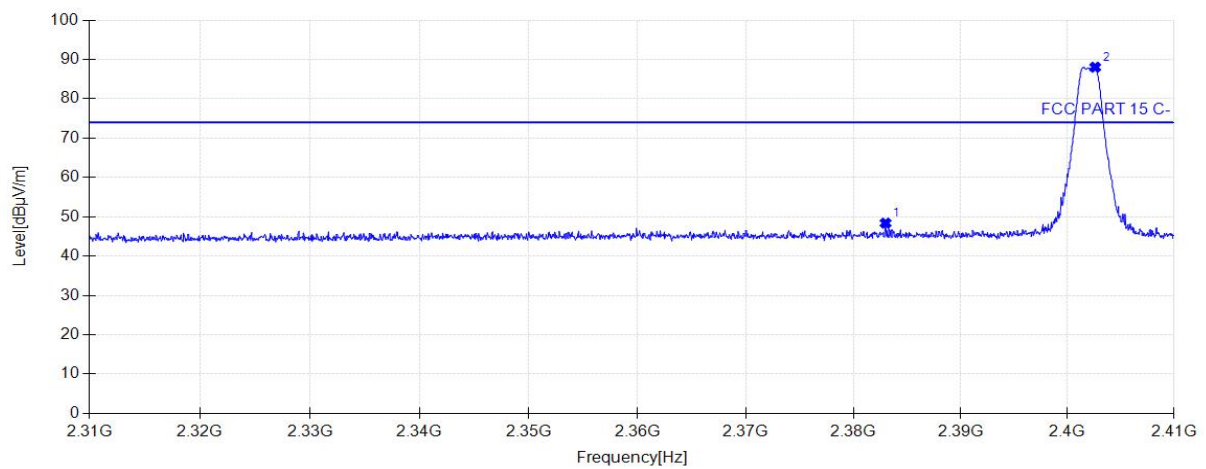
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.9750	86.40	33.21	/	/	160	85	Vertical
2	2485.3150	35.13	33.24	54.00	18.87	160	30	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 00		

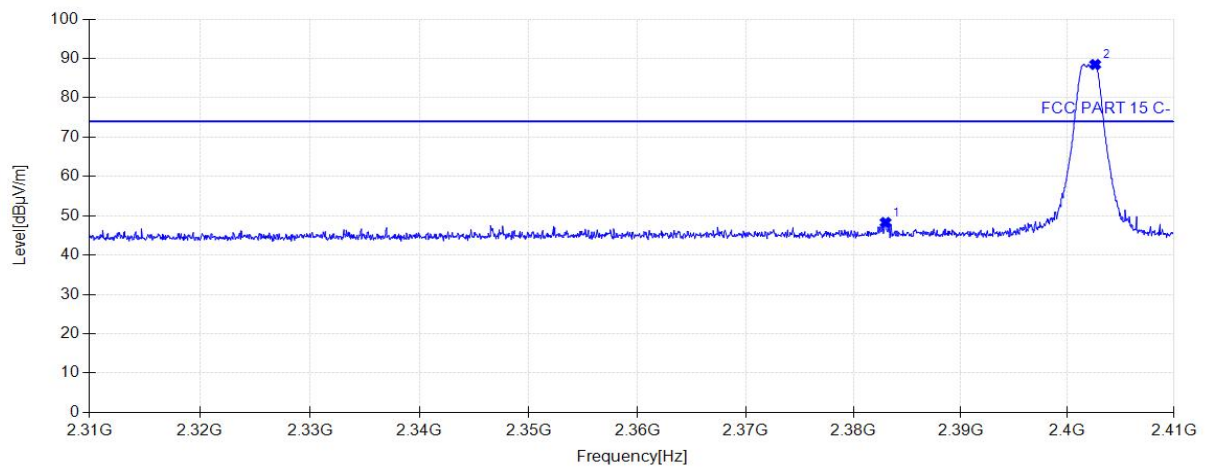
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2383.1000	48.39	32.70	74.00	25.61	150	168	Horizontal
2	2402.3000	88.04	32.81	/	/	150	181	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 00		

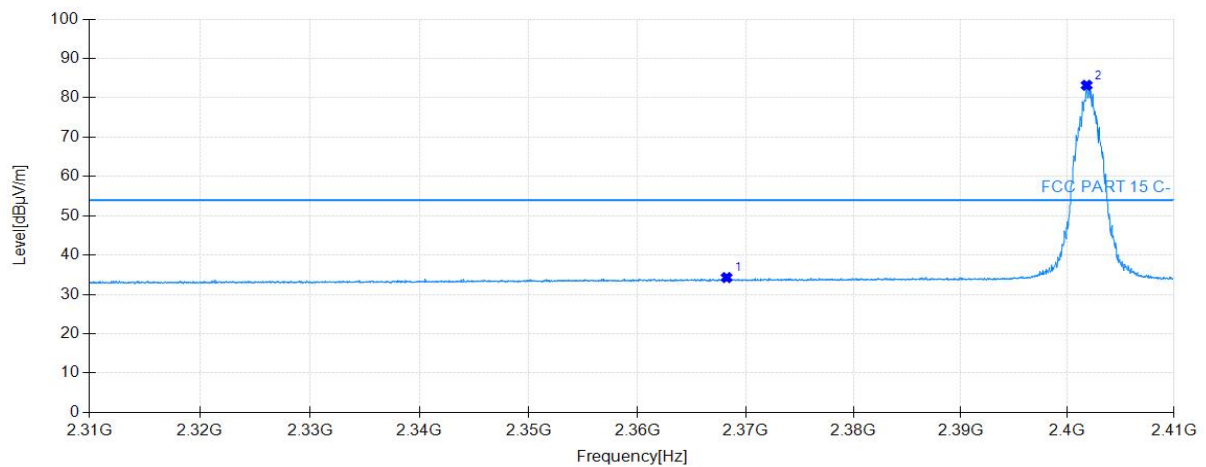
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2382.9500	2383.0000	48.29	32.70	74.00	25.71	150	Vertical
2	2401.8000	88.46	32.81	/	/	150	44	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 00		

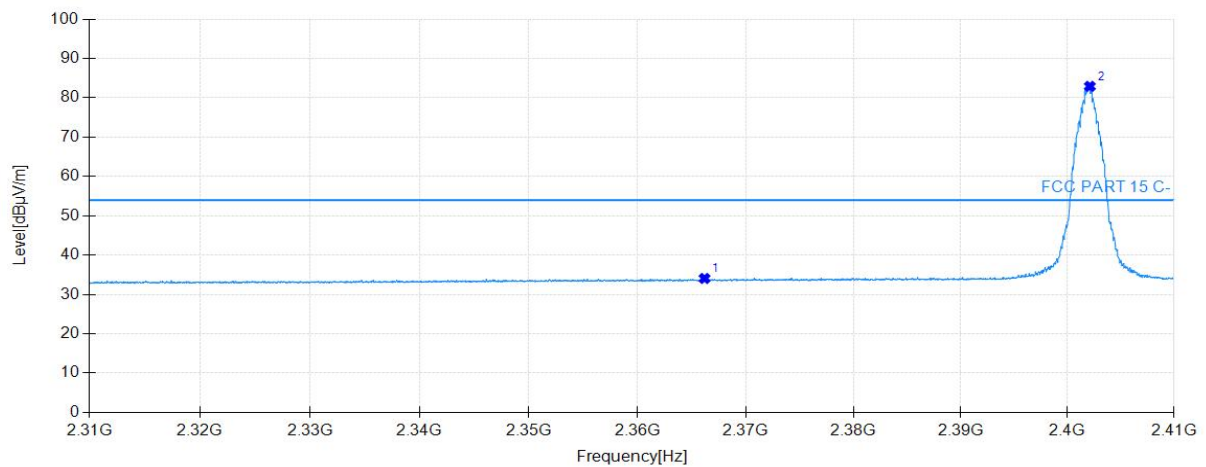
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2368.2500	34.29	32.63	54.00	19.71	160	263	Horizontal
2	2401.8000	83.18	32.80	/	/	160	167	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 00		

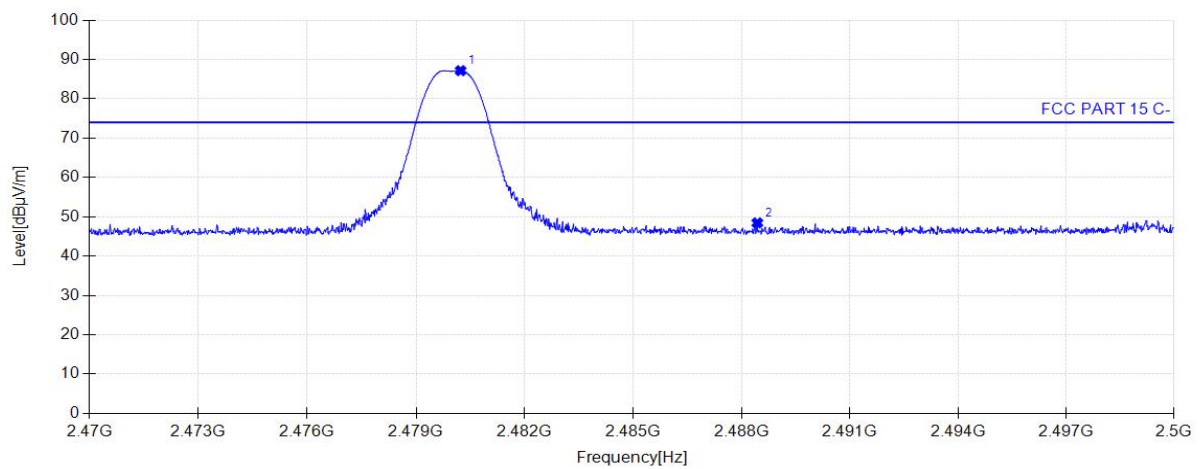
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2366.2000	34.07	32.62	54.00	19.93	160	200	Vertical
2	2402.1000	82.91	32.81	/	/	160	44	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 39		

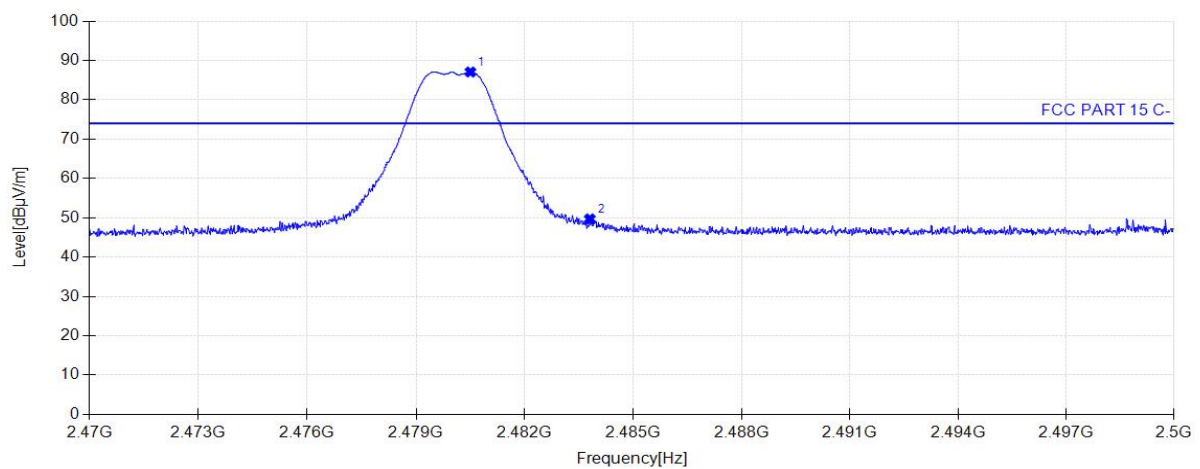
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.4850	87.48	33.22	/	/	160	64	Horizontal
2	2485.1650	48.79	33.24	74.00	25.21	160	133	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 39		

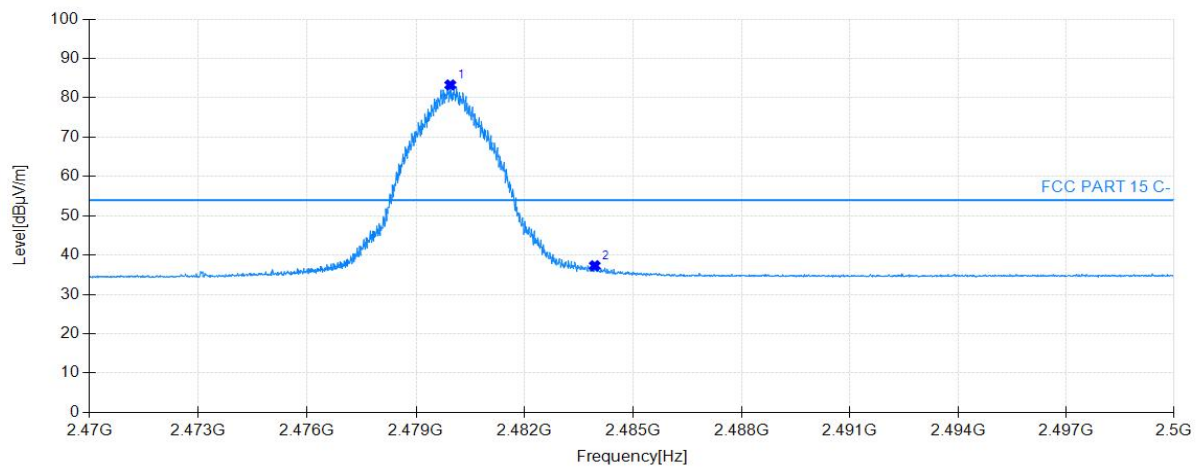
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.5000	87.07	33.22	/	/	160	83	Vertical
2	2483.8000	49.71	33.23	74.00	24.29	160	146	Vertical

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23℃; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 39		

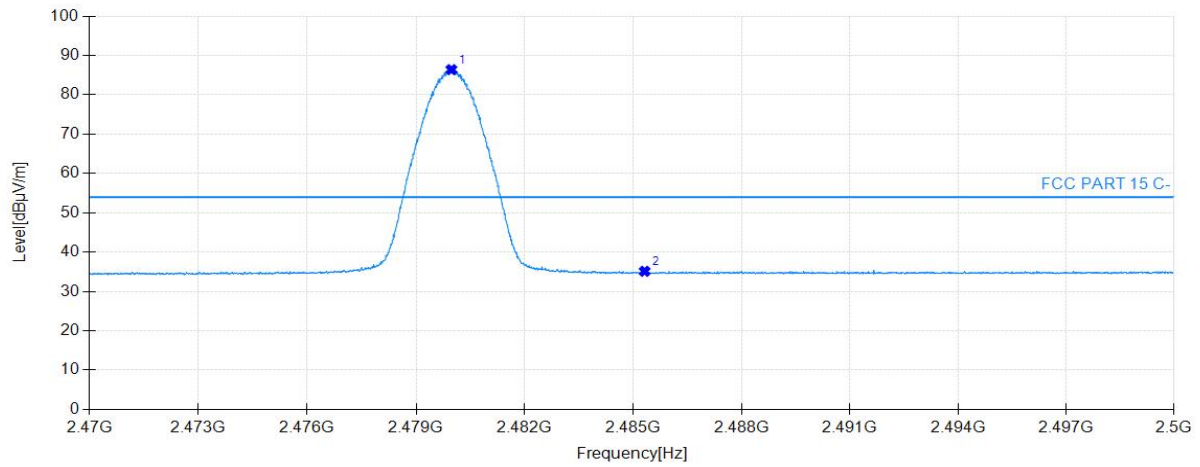
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.9450	83.26	33.21	/	/	160	64	Horizontal
2	2483.9350	37.31	33.24	54.00	16.69	160	70	Horizontal

Project Information			
EUT:	WIRELESS BLOOD PRESSURE MONITOR	Model:	KD-5811BT
SN:	N/A	Voltage:	AC 120V
Environment:	Temp: 23°C; Humi:56%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 39		

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.9450	82.84	33.21	/	/	160	83	Vertical
2	2484.4750	36.51	33.24	54.00	17.49	160	146	Vertical

7.8. AC Conducted Emissions Measurement

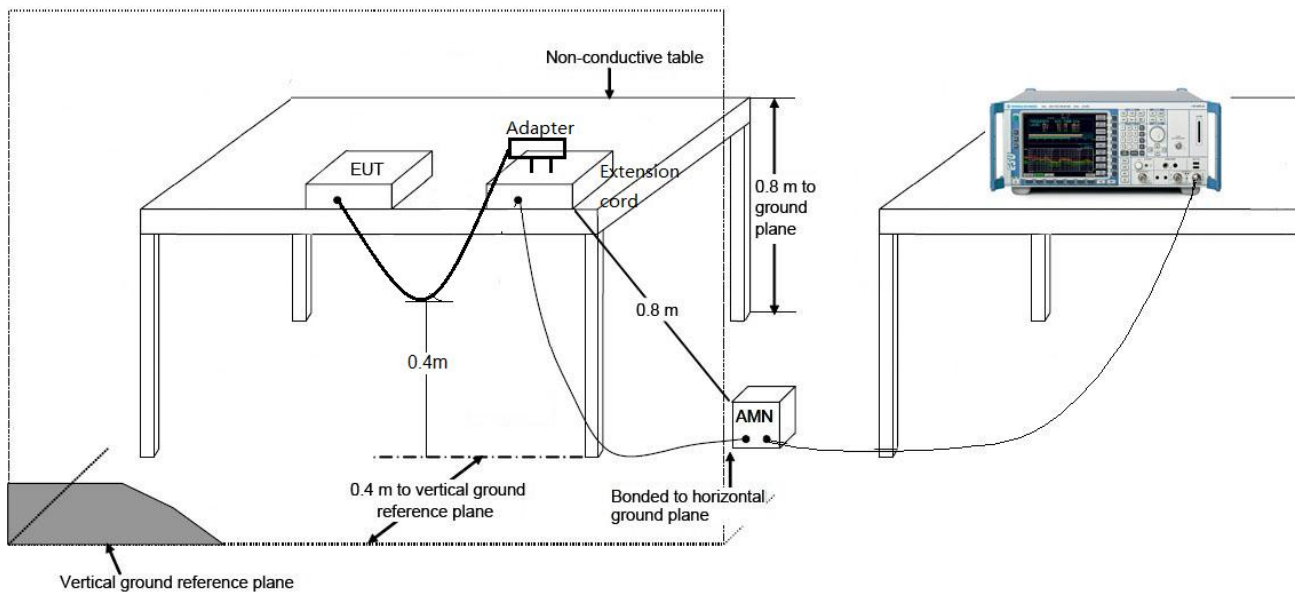
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

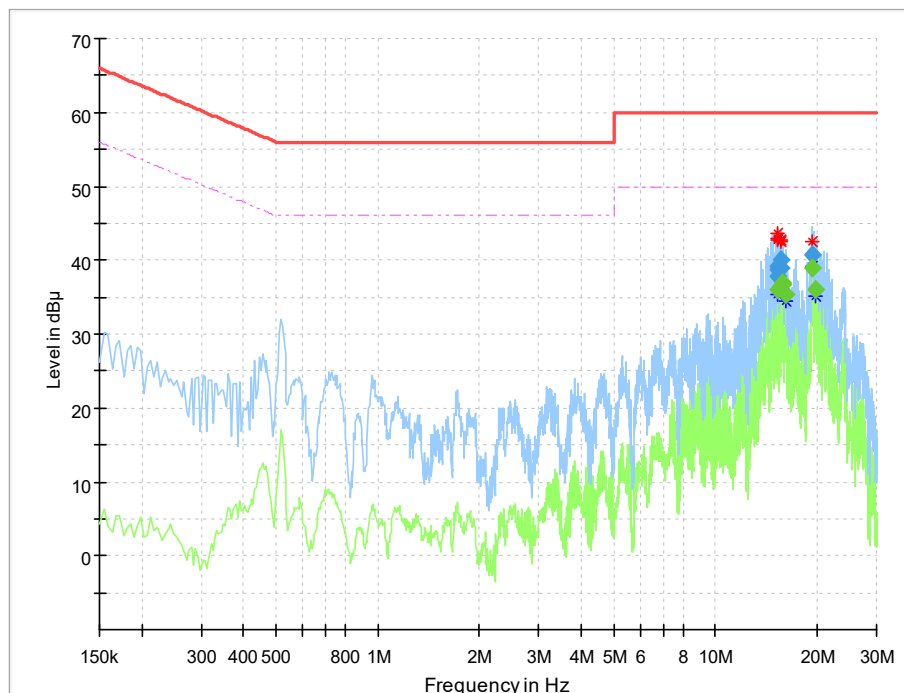
7.8.2. Test Setup



7.8.3. Test Result

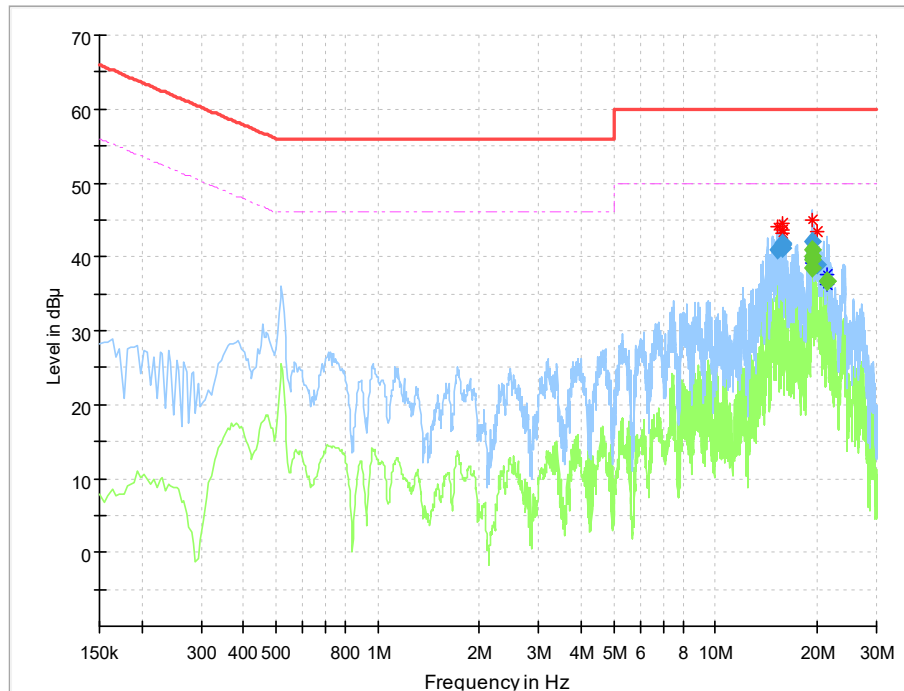
The worst case of Conducted Emissions:

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	LINE
Model:	KD-5811BT	Power Supply:	UE05LU4-050100SPA
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 00		



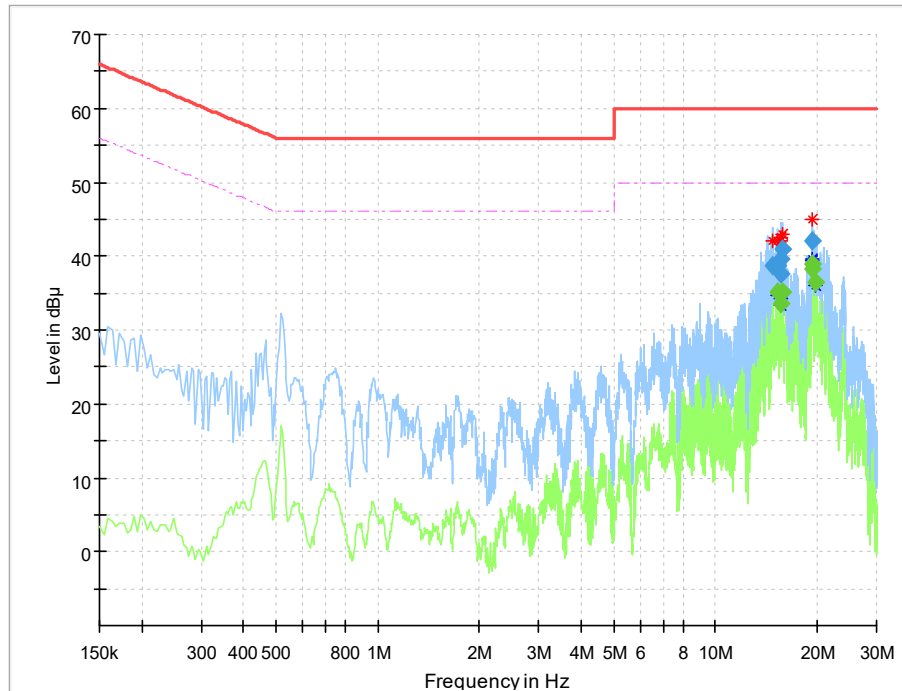
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
15.202500	38.80	---	60.00	21.20	100.0	9.000	L1	ON	9.8
15.319500	---	35.96	50.00	14.04	100.0	9.000	L1	ON	9.8
15.319500	39.19	---	60.00	20.81	100.0	9.000	L1	ON	9.8
15.360000	37.89	---	60.00	22.11	100.0	9.000	L1	ON	9.8
15.639000	40.07	---	60.00	19.93	100.0	9.000	L1	ON	9.8
15.679500	38.87	---	60.00	21.13	100.0	9.000	L1	ON	9.8
15.760500	---	37.04	50.00	12.96	100.0	9.000	L1	ON	9.8
15.801000	---	36.77	50.00	13.23	100.0	9.000	L1	ON	9.8
16.161000	---	35.25	50.00	14.75	100.0	9.000	L1	ON	9.8
19.360500	---	39.00	50.00	11.00	100.0	9.000	L1	ON	9.8
19.383000	40.82	---	60.00	19.18	100.0	9.000	L1	ON	9.8
19.878000	---	36.11	50.00	13.89	100.0	9.000	L1	ON	9.8

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	NEUTRAL
Model:	KD-5811BT	Power Supply:	UE05LU4-050100SPA
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_1M Channel 00		



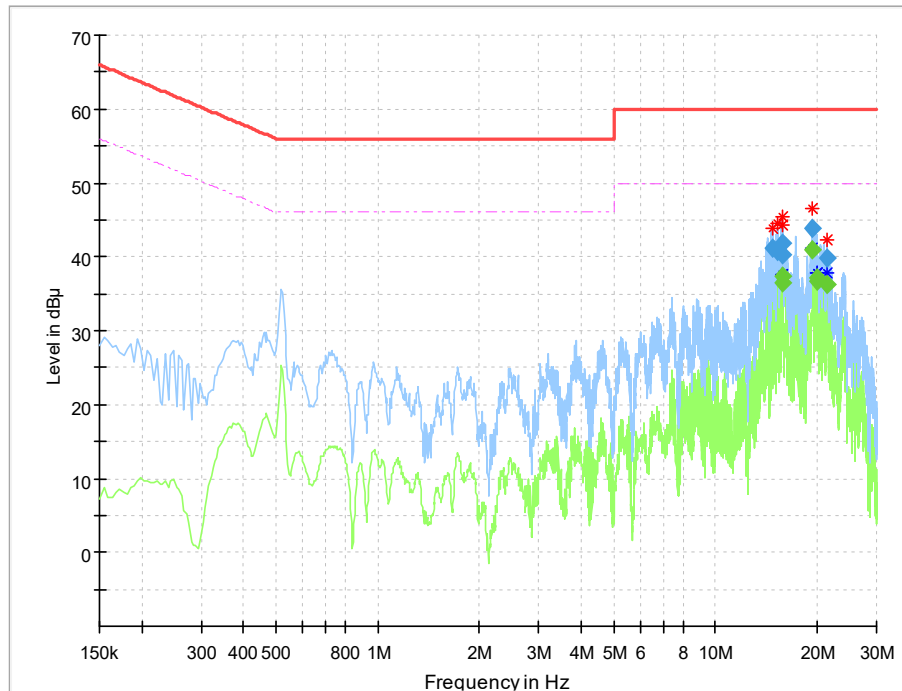
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
15.360000	40.88	---	60.00	19.12	100.0	9.000	N	ON	9.8
15.720000	41.25	---	60.00	18.75	100.0	9.000	N	ON	9.8
15.760500	41.74	---	60.00	18.26	100.0	9.000	N	ON	9.8
15.801000	41.63	---	60.00	18.37	100.0	9.000	N	ON	9.8
19.320000	---	39.68	50.00	10.32	100.0	9.000	N	ON	9.8
19.360500	---	40.05	50.00	9.95	100.0	9.000	N	ON	9.8
19.401000	---	38.58	50.00	11.42	100.0	9.000	N	ON	9.8
19.401000	42.12	---	60.00	17.88	100.0	9.000	N	ON	9.8
19.441500	---	40.87	50.00	9.13	100.0	9.000	N	ON	9.8
19.941000	39.03	---	60.00	20.97	100.0	9.000	N	ON	9.8
21.439500	---	36.77	50.00	13.23	100.0	9.000	N	ON	9.8
21.480000	---	36.75	50.00	13.25	100.0	9.000	N	ON	9.8

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	LINE
Model:	KD-5811BT	Power Supply:	UE05LU4-050100SPA
Mode:	Mode 2	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 00		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
14.721000	38.75	---	60.00	21.25	100.0	9.000	L1	ON	9.7
15.238500	38.75	---	60.00	21.25	100.0	9.000	L1	ON	9.8
15.319500	---	35.16	50.00	14.84	100.0	9.000	L1	ON	9.8
15.639000	---	33.48	50.00	16.52	100.0	9.000	L1	ON	9.8
15.639000	37.65	---	60.00	22.35	100.0	9.000	L1	ON	9.8
15.679500	39.59	---	60.00	20.41	100.0	9.000	L1	ON	9.8
15.720000	---	35.13	50.00	14.87	100.0	9.000	L1	ON	9.8
15.760500	40.93	---	60.00	19.07	100.0	9.000	L1	ON	9.8
19.360500	---	38.90	50.00	11.10	100.0	9.000	L1	ON	9.8
19.360500	42.16	---	60.00	17.84	100.0	9.000	L1	ON	9.8
19.401000	---	38.26	50.00	11.74	100.0	9.000	L1	ON	9.8
19.878000	---	36.59	50.00	13.41	100.0	9.000	L1	ON	9.8

EUT:	WIRELESS BLOOD PRESSURE MONITOR	Polarity:	NEUTRAL
Model:	KD-5811BT	Power Supply:	UE05LU4-050100SPA
Mode:	Mode 2	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Stone Zhang
Remark:	Transmit at BLE_2M Channel 00		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
14.761500	41.27	---	60.00	18.73	100.0	9.000	N	ON	9.8
15.324000	40.69	---	60.00	19.31	100.0	9.000	N	ON	9.8
15.760500	---	37.39	50.00	12.61	100.0	9.000	N	ON	9.8
15.760500	41.94	---	60.00	18.06	100.0	9.000	N	ON	9.8
15.801000	---	36.55	50.00	13.45	100.0	9.000	N	ON	9.8
15.841500	40.26	---	60.00	19.74	100.0	9.000	N	ON	9.8
19.360500	---	40.90	50.00	9.10	100.0	9.000	N	ON	9.8
19.401000	43.76	---	60.00	16.24	100.0	9.000	N	ON	9.8
19.918500	---	37.19	50.00	12.81	100.0	9.000	N	ON	9.8
19.959000	---	36.68	50.00	13.32	100.0	9.000	N	ON	9.8
21.480000	---	36.35	50.00	13.65	100.0	9.000	N	ON	9.8
21.480000	39.86	---	60.00	20.14	100.0	9.000	N	ON	9.8

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **WIRELESS BLOOD PRESSURE MONITOR** is in compliance with Part 15C of the FCC Rules.

_____ The End _____