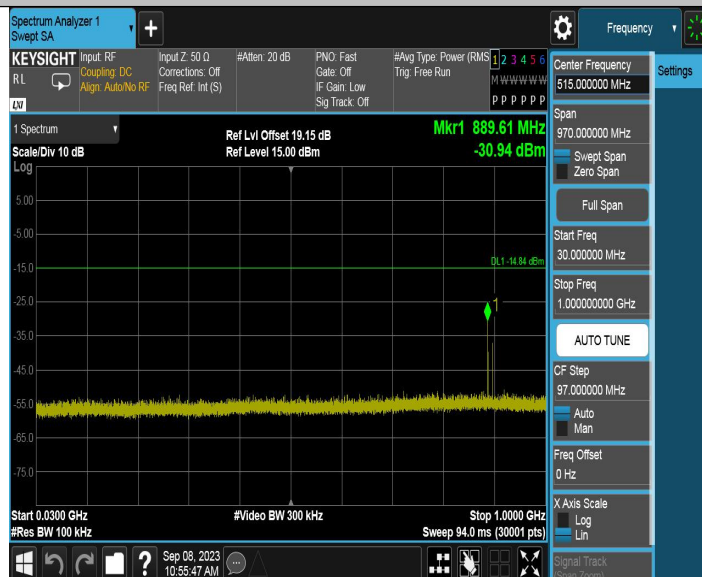


DH5_Ant1_2480MHz_0~Reference



DH5_Ant1_2480MHz_30~1000MHz



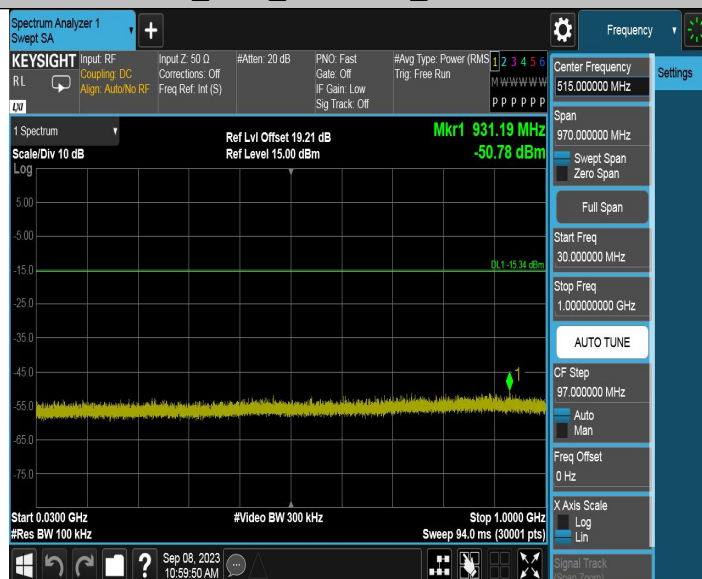
DH5_Ant1_2480MHz_1000~26500MHz



2DH5_Ant1_2402MHz_0~Reference



2DH5_Ant1_2402MHz_30~1000MHz



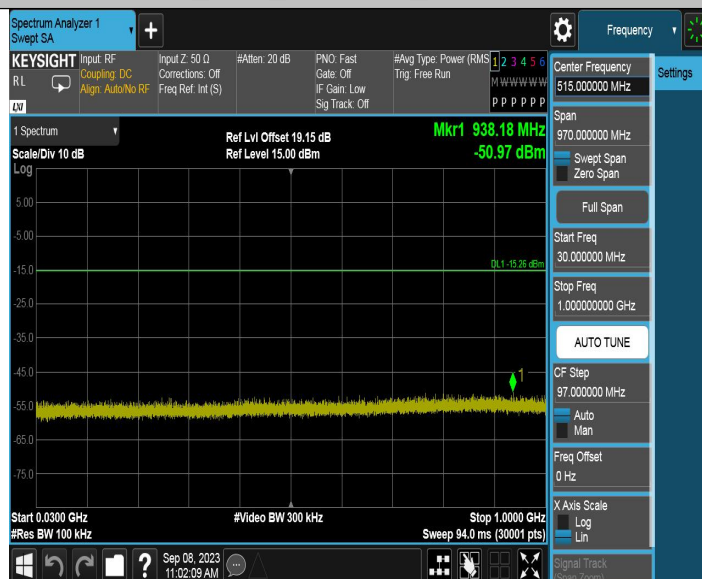
2DH5_Ant1_2402MHz_1000~26500MHz



2DH5_Ant1_2441MHz_0~Reference



2DH5_Ant1_2441MHz_30~1000MHz



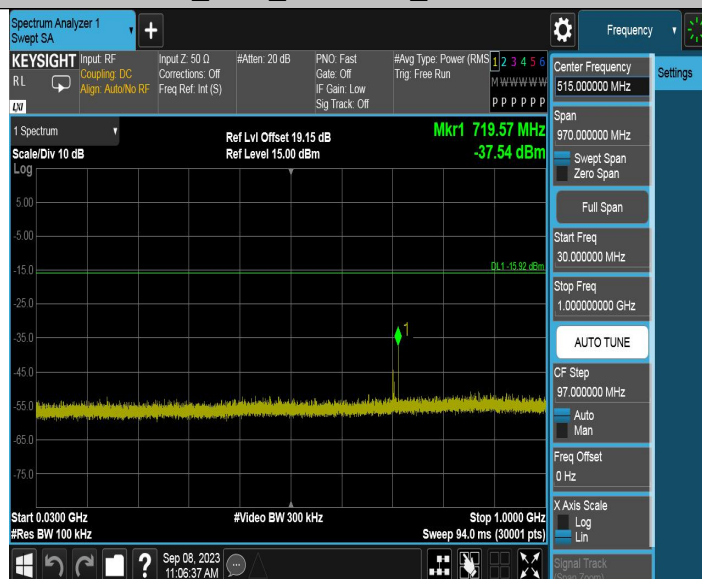
2DH5_Ant1_2441MHz_1000~26500MHz



2DH5_Ant1_2480MHz_0~Reference



2DH5_Ant1_2480MHz_30~1000MHz



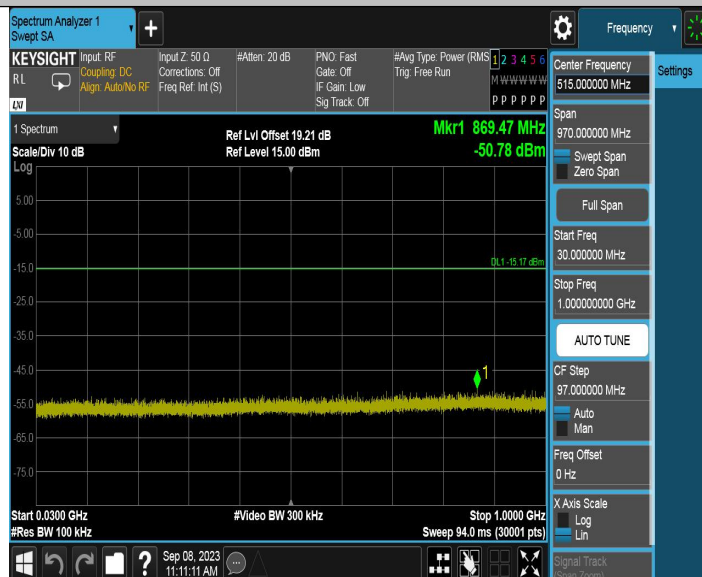
2DH5_Ant1_2480MHz_1000~26500MHz



3DH5_Ant1_2402MHz_0~Reference



3DH5_Ant1_2402MHz_30~1000MHz



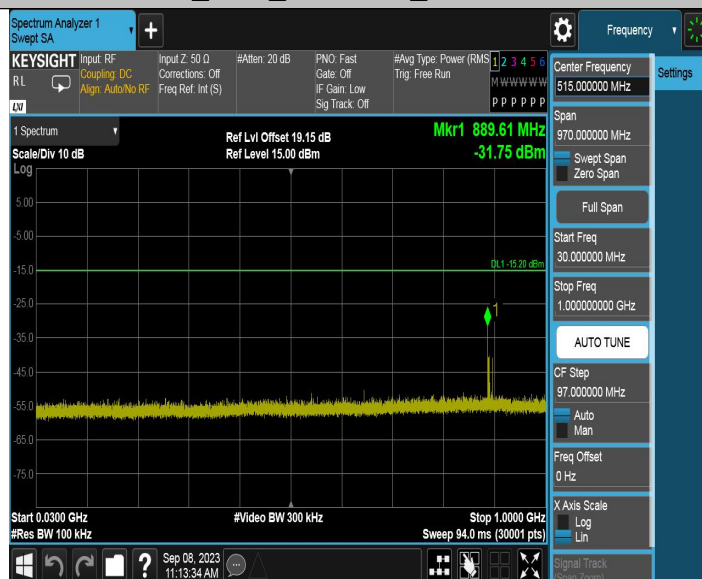
3DH5_Ant1_2402MHz_1000~26500MHz



3DH5_Ant1_2441MHz_0~Reference



3DH5_Ant1_2441MHz_30~1000MHz



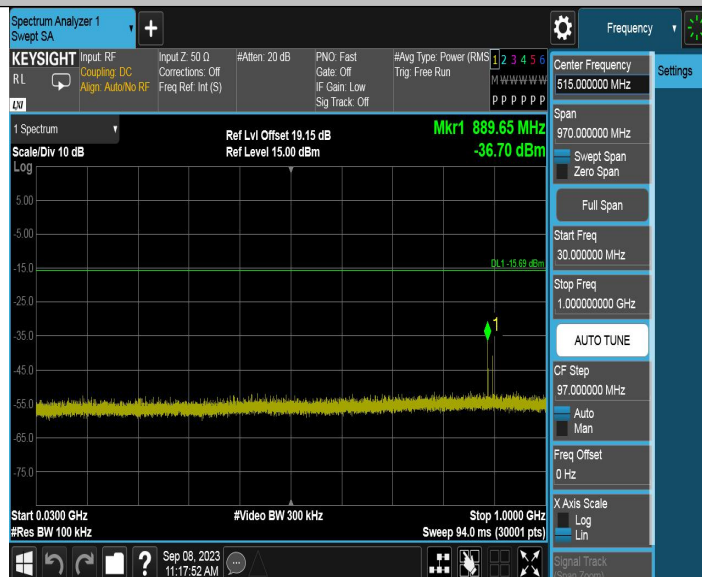
3DH5_Ant1_2441MHz_1000~26500MHz

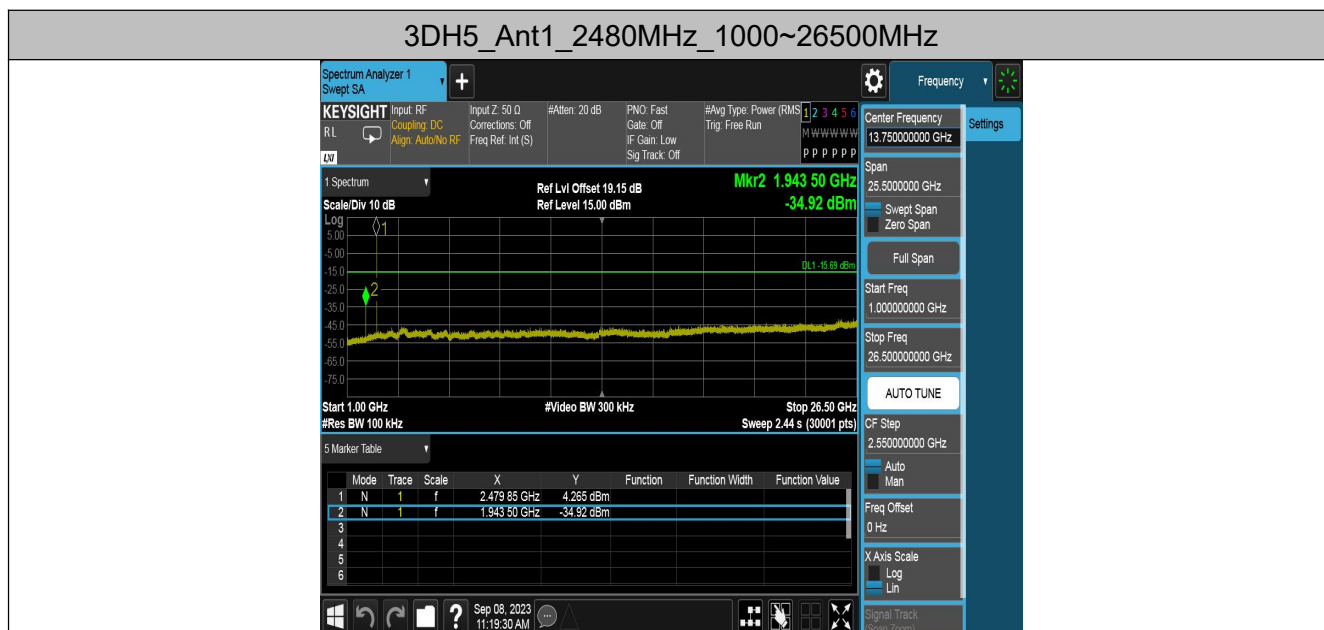


3DH5_Ant1_2480MHz_0~Reference



3DH5_Ant1_2480MHz_30~1000MHz





7.9. Radiated Spurious Emission Measurement

7.9.1. 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

7.9.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

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

7.9.3. Test Setting

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. 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

Peak Measurements above 1GHz

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 Measurements above 1GHz (Method VB)

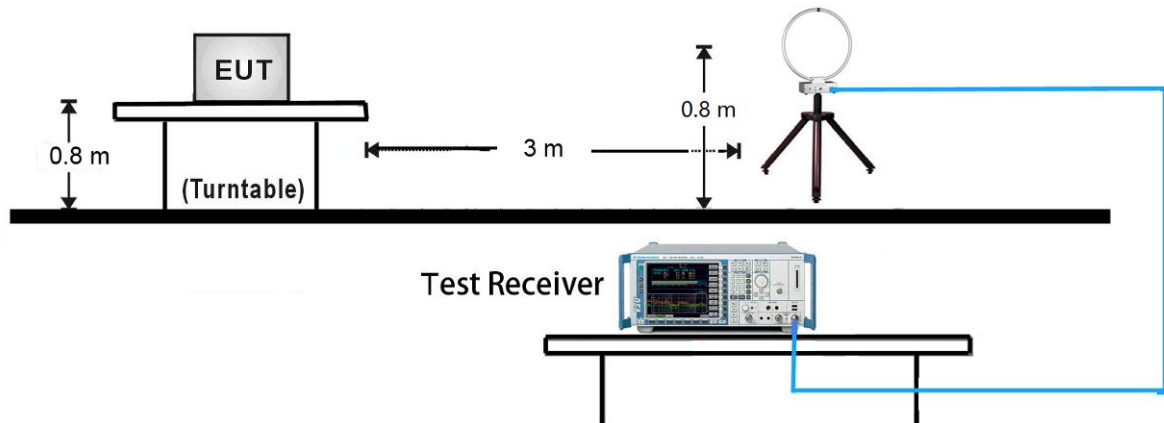
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto

6. Trace mode = max hold

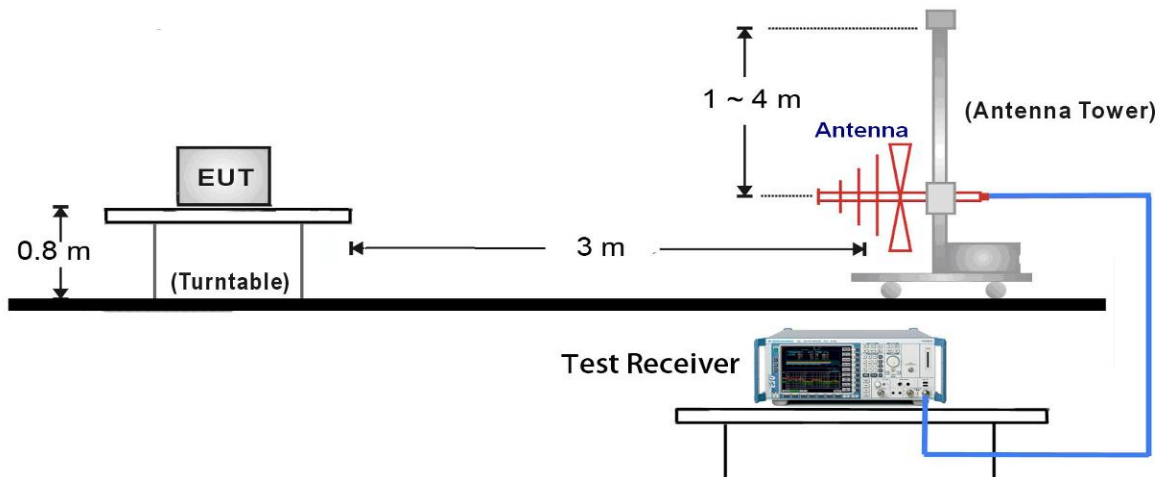
7. Trace was allowed to stabilize

7.9.4. Test Setup

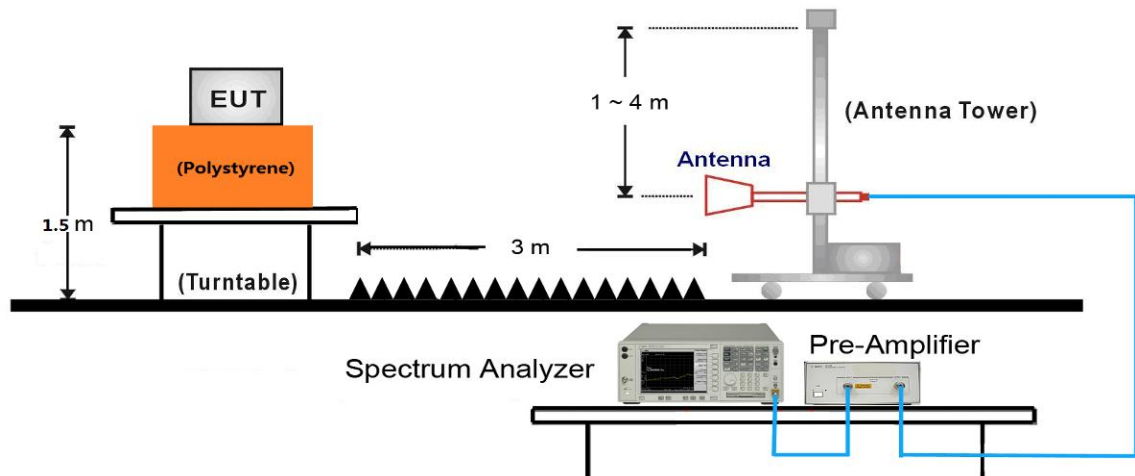
9kHz ~ 30MHz Test Setup:



30MHz ~ 1GHz Test Setup:



1GHz ~ 25GHz Test Setup:



7.9.5. Test Result

Test Mode:	DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	00	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3600.0000	45.87	-5.94	74.00	28.13	Peak	Horizontal
4800.0000	50.89	-2.61	74.00	23.11	Peak	Horizontal
4980.0000	48.69	-2.15	74.00	25.31	Peak	Horizontal
7205.0000	53.89	3.55	74.00	20.11	Peak	Horizontal
4800.0000	52.60	-2.61	74.00	21.40	Peak	Vertical
5115.0000	43.70	-1.94	74.00	30.30	Peak	Vertical
6175.0000	47.41	0.69	74.00	26.59	Peak	Vertical
7205.0000	53.22	3.55	74.00	20.78	Peak	Vertical

Test Mode:	DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	39	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
3305.0000	49.03	-6.30	74.00	24.97	Peak	Horizontal
4880.0000	48.98	-2.47	74.00	25.02	Peak	Horizontal
6040.0000	47.21	0.34	74.00	26.79	Peak	Horizontal
7325.0000	53.77	3.73	74.00	20.23	Peak	Horizontal
3195.0000	50.76	-6.15	74.00	23.24	Peak	Vertical
4880.0000	52.63	-2.47	74.00	21.37	Peak	Vertical
4975.0000	51.93	-2.19	74.00	22.07	Peak	Vertical
7325.0000	53.45	3.73	74.00	20.55	Peak	Vertical

Test Mode:	DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	78	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3175.0000	48.34	-6.15	74.00	25.66	Peak	Horizontal
3435.0000	46.07	-6.22	74.00	27.93	Peak	Horizontal
4990.0000	49.21	-2.08	74.00	24.79	Peak	Horizontal
7440.0000	53.88	3.87	74.00	20.12	Peak	Horizontal
3180.0000	46.54	-6.15	74.00	27.46	Peak	Vertical
3585.0000	44.36	-6.00	74.00	29.64	Peak	Vertical
4995.0000	52.20	-2.04	74.00	21.80	Peak	Vertical
7440.0000	53.54	3.87	74.00	20.46	Peak	Vertical

Test Mode:	2DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	00	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
3165.0000	48.69	-6.16	74.00	25.31	Peak	Horizontal
4800.0000	50.52	-2.61	74.00	23.48	Peak	Horizontal
4985.0000	48.89	-2.11	74.00	25.11	Peak	Horizontal
7205.0000	53.95	3.55	74.00	20.05	Peak	Horizontal
3030.0000	46.68	-5.83	74.00	27.32	Peak	Vertical
4800.0000	52.08	-2.61	74.00	21.92	Peak	Vertical
4995.0000	50.85	-2.04	74.00	23.15	Peak	Vertical
7205.0000	53.93	3.55	74.00	20.07	Peak	Vertical

Test Mode:	2DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	39	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
3020.0000	48.67	-5.81	74.00	25.33	Peak	Horizontal
4880.0000	48.27	-2.47	74.00	25.73	Peak	Horizontal
4985.0000	49.46	-2.11	74.00	24.54	Peak	Horizontal
7320.0000	53.46	3.69	74.00	20.54	Peak	Horizontal
4265.0000	48.13	-3.97	74.00	25.87	Peak	Vertical
4880.0000	52.76	-2.47	74.00	21.24	Peak	Vertical
4995.0000	52.80	-2.04	74.00	21.20	Peak	Vertical
7320.0000	51.80	3.69	74.00	22.20	Peak	Vertical

Test Mode:	2DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	78	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3170.0000	48.06	-6.16	74.00	25.94	Peak	Horizontal
3435.0000	46.71	-6.22	74.00	27.29	Peak	Horizontal
4985.0000	48.66	-2.11	74.00	25.34	Peak	Horizontal
7440.0000	53.98	3.87	74.00	20.02	Peak	Horizontal
3180.0000	46.16	-6.15	74.00	27.84	Peak	Vertical
4250.0000	48.42	-4.01	74.00	25.58	Peak	Vertical
5000.0000	50.89	-2.00	74.00	23.11	Peak	Vertical
7440.0000	53.92	3.87	74.00	20.08	Peak	Vertical

Test Mode:	3DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	00	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
3305.0000	47.34	-6.30	74.00	26.66	Peak	Horizontal
4805.0000	50.70	-2.61	74.00	23.30	Peak	Horizontal
4990.0000	49.51	-2.08	74.00	24.49	Peak	Horizontal
7205.0000	53.88	3.55	74.00	20.12	Peak	Horizontal
3145.0000	46.15	-6.14	74.00	27.85	Peak	Vertical
4805.0000	52.02	-2.61	74.00	21.98	Peak	Vertical
4985.0000	53.48	-2.11	74.00	20.52	Peak	Vertical
7205.0000	53.52	3.55	74.00	20.48	Peak	Vertical

Test Mode:	3DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	39	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3165.0000	49.26	-6.16	74.00	24.74	Peak	Horizontal
4880.0000	50.81	-2.47	74.00	23.19	Peak	Horizontal
4990.0000	48.86	-2.08	74.00	25.14	Peak	Horizontal
7320.0000	53.65	3.69	74.00	20.35	Peak	Horizontal
3570.0000	45.02	-6.06	74.00	28.98	Peak	Vertical
4880.0000	51.91	-2.47	74.00	22.09	Peak	Vertical
4990.0000	50.70	-2.08	74.00	23.30	Peak	Vertical
7325.0000	53.12	3.73	74.00	20.88	Peak	Vertical

Test Mode:	3DH5 - Ant 1	Test Date:	2023-09-15
Test Channel:	78	Test Engineer:	Guangze Ding
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. This is the worst case of Radiated Emission for 1-18GHz.		

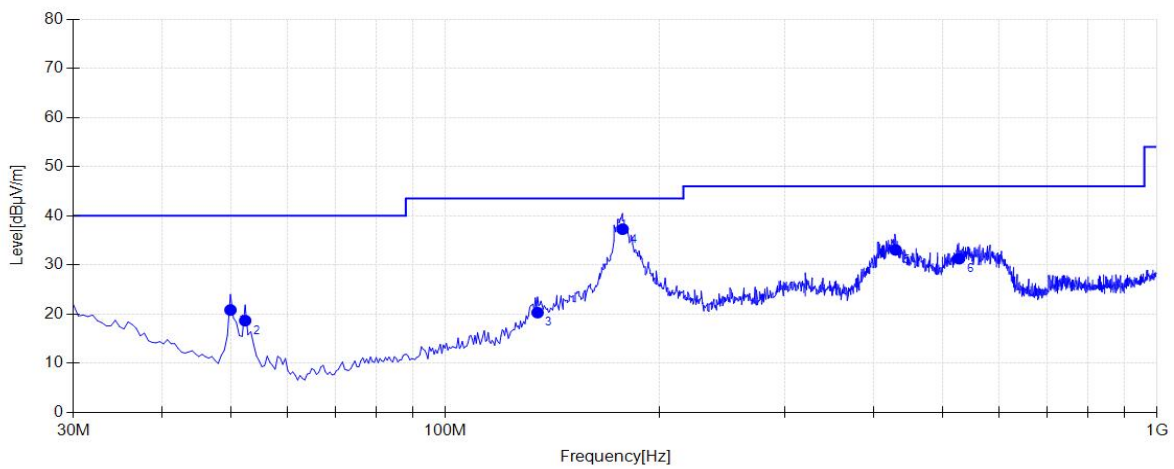
Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
3170.0000	47.92	-6.16	74.00	26.08	Peak	Horizontal
5000.0000	50.13	-2.00	74.00	23.87	Peak	Horizontal
7015.0000	49.52	2.95	74.00	24.48	Peak	Horizontal
7440.0000	54.00	3.87	74.00	20.00	Peak	Horizontal
3555.0000	45.22	-6.11	74.00	28.78	Peak	Vertical
4975.0000	50.97	-2.19	74.00	23.03	Peak	Vertical
6405.0000	48.57	1.50	74.00	25.43	Peak	Vertical
7440.0000	53.94	3.87	74.00	20.06	Peak	Vertical

The Worst Case of Radiated Emission below 1GHz:

EUT:	Wireless Headset	Polarity:	Horizontal
Model:	TLL411007	SN:	N/A
Mode:	Transmit by DH5 at Channel 2402MHz	Voltage:	DC 3.7V
Environment:	Temp: 22℃; Humi:52%	Engineer:	Guangze Ding

Start of Test:2023-10-07 10:57:24

Test Graph



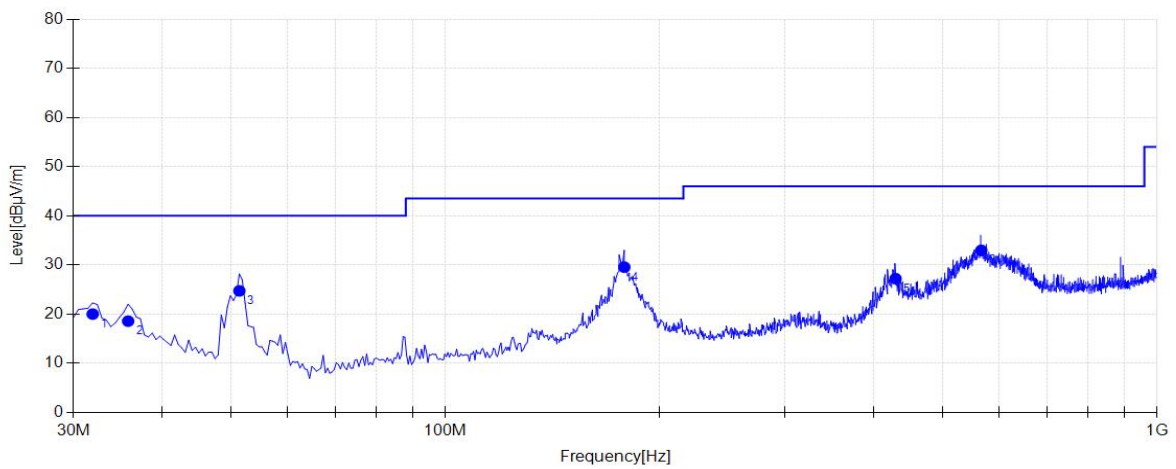
Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	49.8850	9.70	20.84	40.00	19.16	100	274	Horizontal
2	52.3100	9.02	18.68	40.00	21.32	200	0	Horizontal
3	134.760	11.68	20.31	43.50	23.19	200	112	Horizontal
4	177.440	11.04	37.29	43.50	6.21	200	11	Horizontal
5	429.155	17.36	33.07	46.00	12.93	100	70	Horizontal
6	527.125	19.90	31.29	46.00	14.71	200	6	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 Headset	Polarity:	Vertical
Model:	TLL411007	SN:	N/A
Mode:	Transmit by DH5 at Channel 2402MHz	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding

Start of Test:2023-10-07 10:59:48

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	31.9400	18.83	20.01	40.00	19.99	100	16	Vertical
2	35.8200	16.84	18.58	40.00	21.42	100	152	Vertical
3	51.3400	9.28	24.74	40.00	15.26	100	234	Vertical
4	178.410	11.06	29.56	43.50	13.94	200	283	Vertical
5	429.155	17.36	27.22	46.00	18.78	100	213	Vertical
6	566.410	20.56	32.98	46.00	13.02	100	56	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.

7.10. Radiated Restricted Band Edge Measurement

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

7.10.1. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.10.2. Test Setting

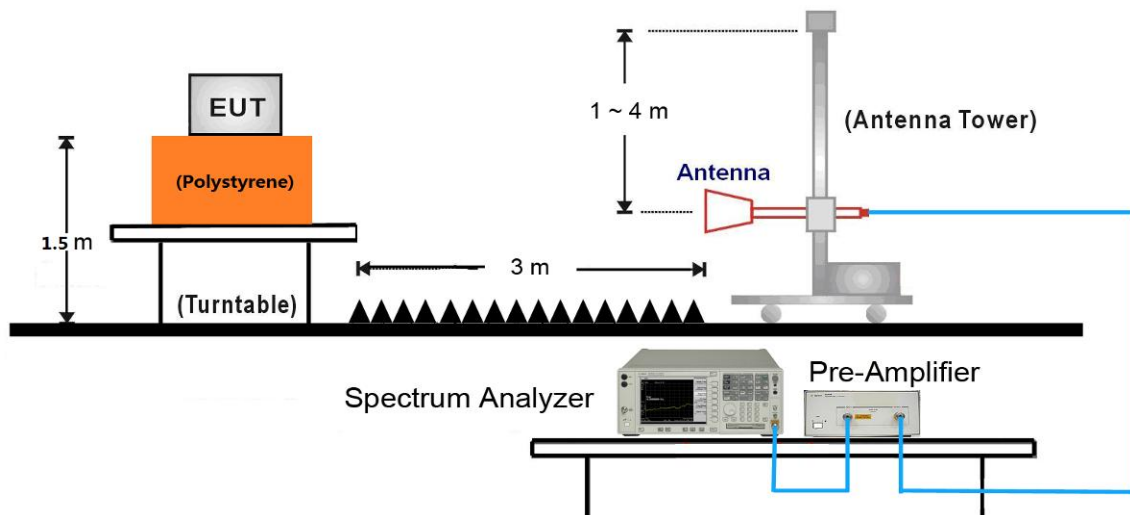
Peak Field Strength Measurements

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 Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.10.3. Test Setup

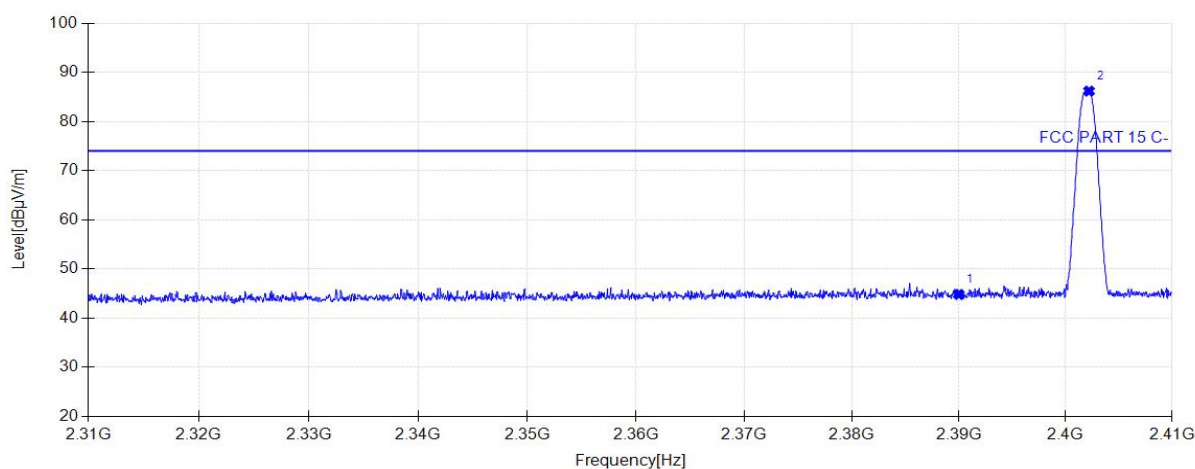


7.10.4. Test Result

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by DH5 at Channel 2402MHz		

Start of Test:2023-09-15 13:42:09

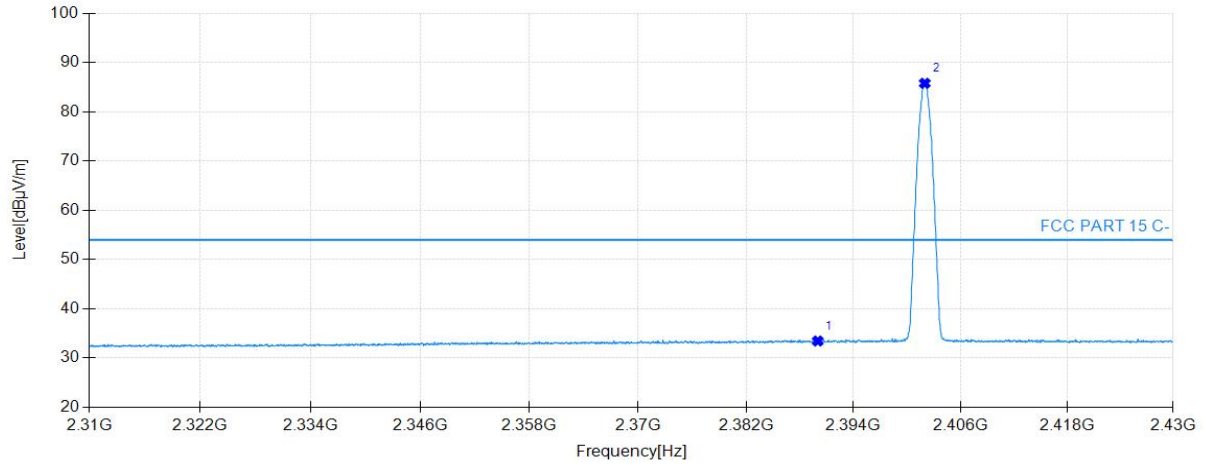
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	44.82	32.74	74.00	29.18	160	358	Horizontal
2	2402.20	86.17	32.81	/	/	160	31	Horizontal

Start of Test:2023-09-15 13:44:20

Test Graph



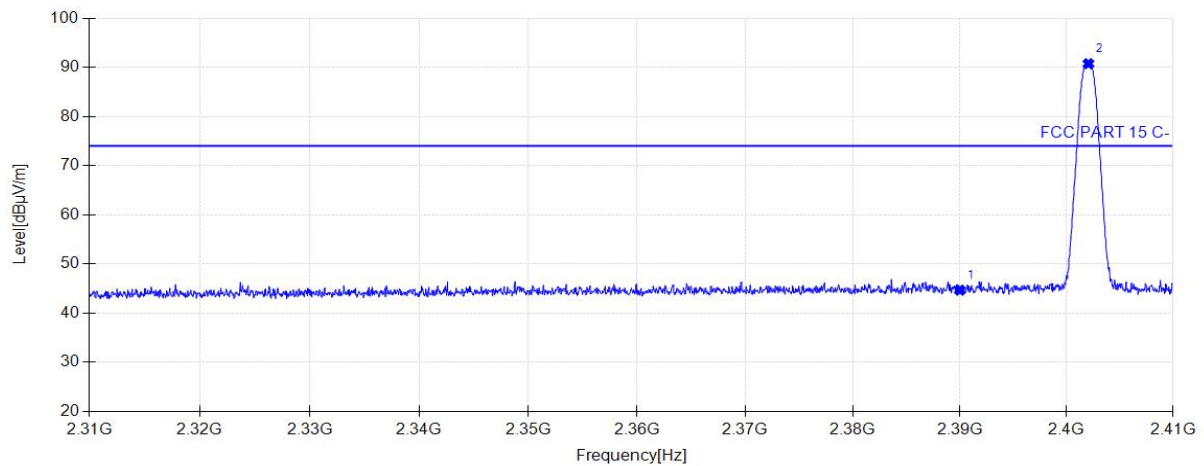
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	33.45	32.74	54.00	20.55	160	133	Horizontal
2	2401.98	85.77	32.80	/	/	160	31	Horizontal

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by DH5 at Channel 2402MHz		

Start of Test:2023-09-15 13:43:02

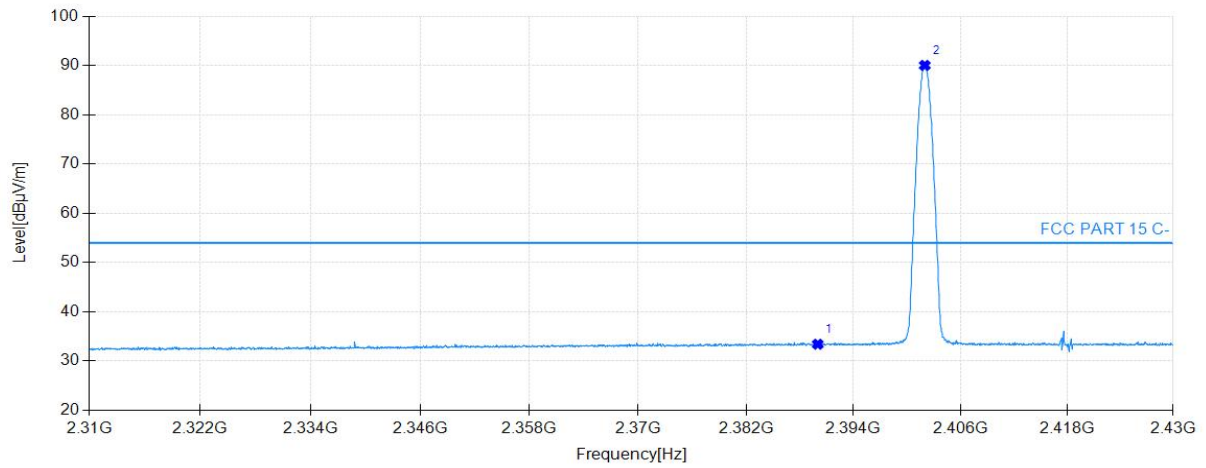
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	44.67	32.74	74.00	29.33	160	255	Vertical
2	2402.05	90.73	32.80	/	/	160	4	Vertical

Start of Test:2023-09-15 13:45:13

Test Graph



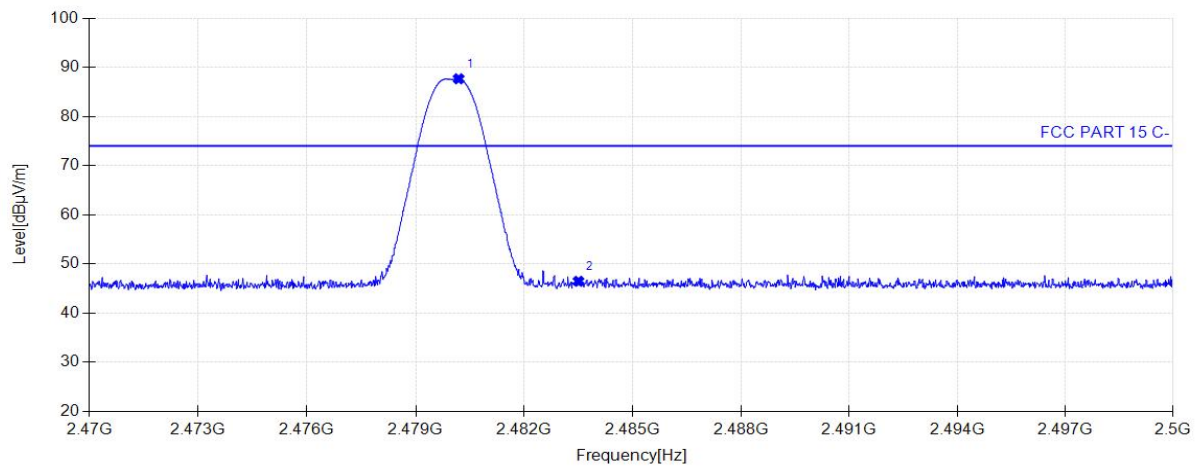
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	33.41	32.74	54.00	20.59	160	104	Vertical
2	2401.98	90.01	32.80	/	/	160	357	Vertical

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by DH5 at Channel 2480MHz		

Start of Test:2023-09-15 13:48:49

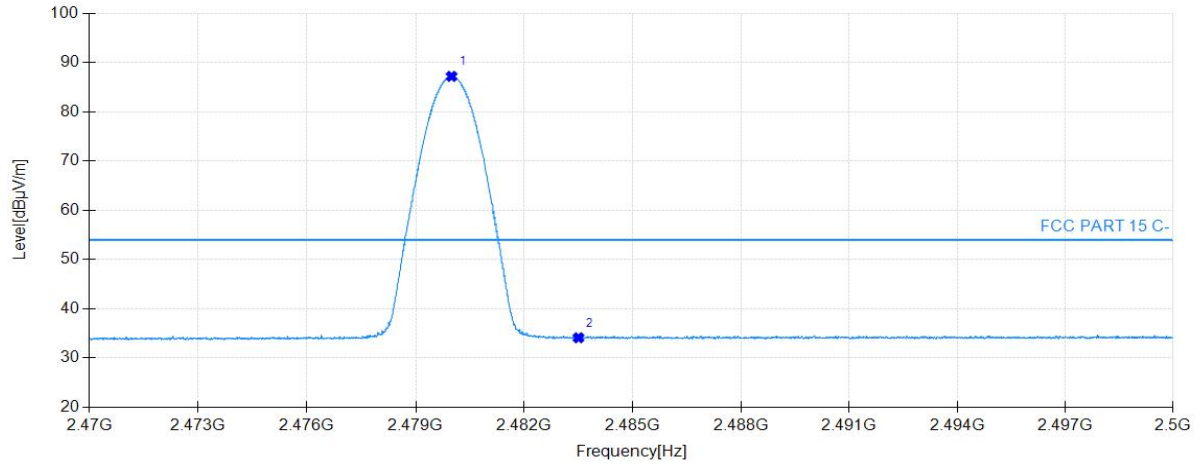
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.18	87.66	33.22	74.00	-13.66	160	344	Horizontal
2	2483.50	46.48	33.23	/	/	160	290	Horizontal

Start of Test:2023-09-15 13:51:15

Test Graph



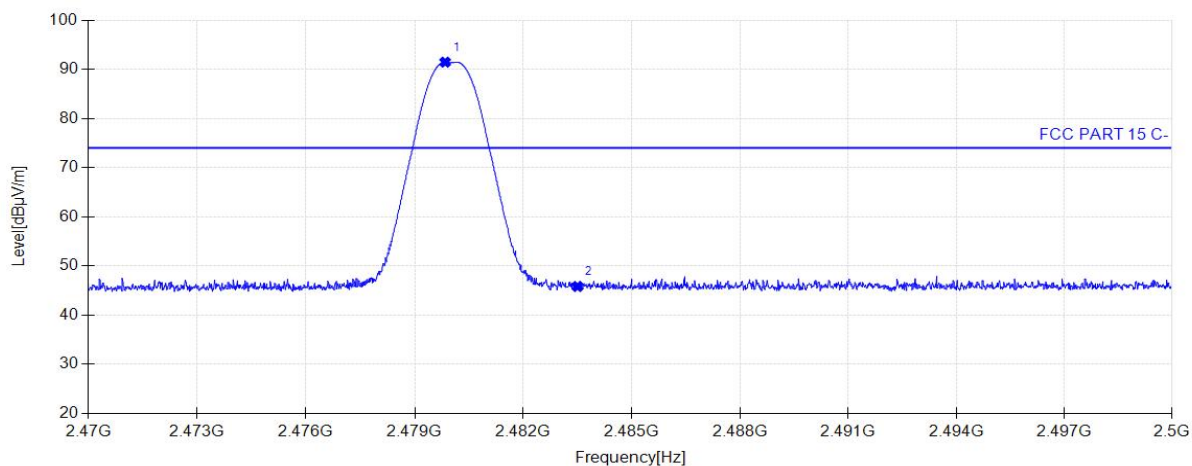
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.99	87.17	33.21	54.00	-33.17	160	344	Horizontal
2	2483.50	34.11	33.23	/	/	160	9	Horizontal

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by DH5 at Channel 2480MHz		

Start of Test:2023-09-15 13:49:41

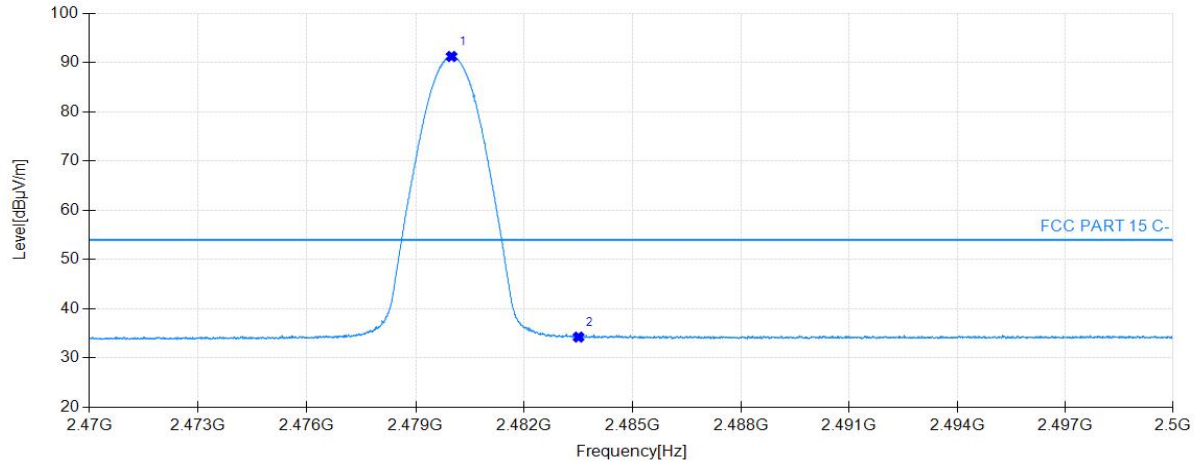
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.84	91.45	33.21	74.00	-17.45	160	357	Vertical
2	2483.50	45.82	33.23	/	/	160	345	Vertical

Start of Test:2023-09-15 13:52:07

Test Graph



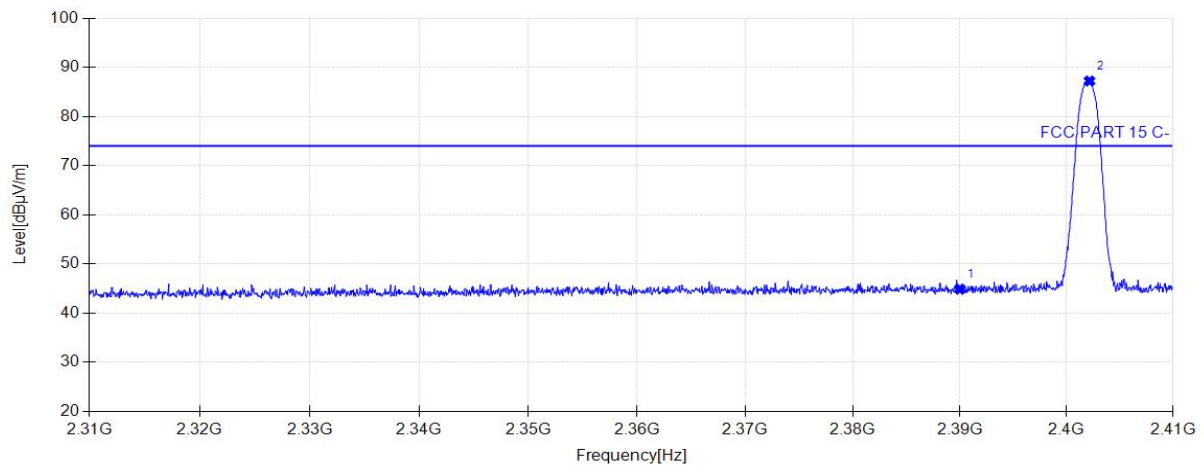
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.99	91.21	33.21	54.00	-37.21	160	350	Vertical
2	2483.50	34.25	33.23	/	/	160	138	Vertical

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 2DH5 at Channel 2402MHz		

Start of Test:2023-09-15 14:01:10

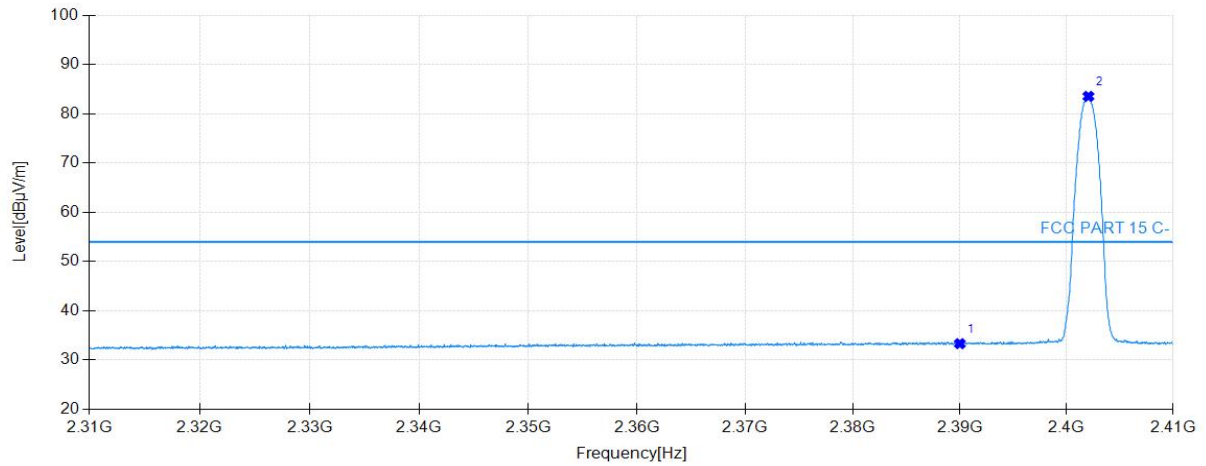
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	44.87	32.74	74.00	29.13	160	64	Horizontal
2	2402.15	87.21	32.81	/	/	160	24	Horizontal

Start of Test:2023-09-15 14:03:23

Test Graph



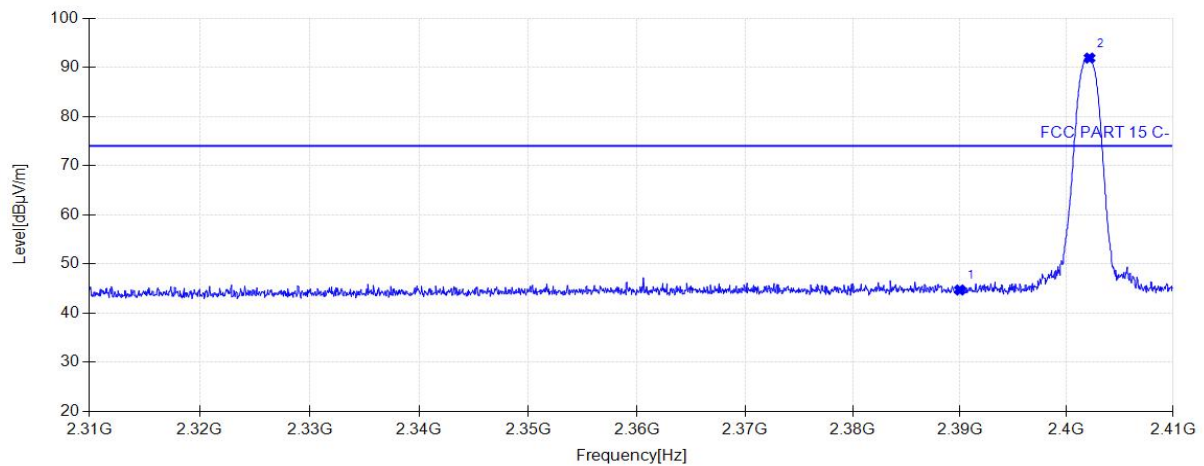
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	33.32	32.74	54.00	20.68	160	354	Horizontal
2	2402.05	83.52	32.80	/	/	160	24	Horizontal

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 2DH5 at Channel 2402MHz		

Start of Test:2023-09-15 14:02:02

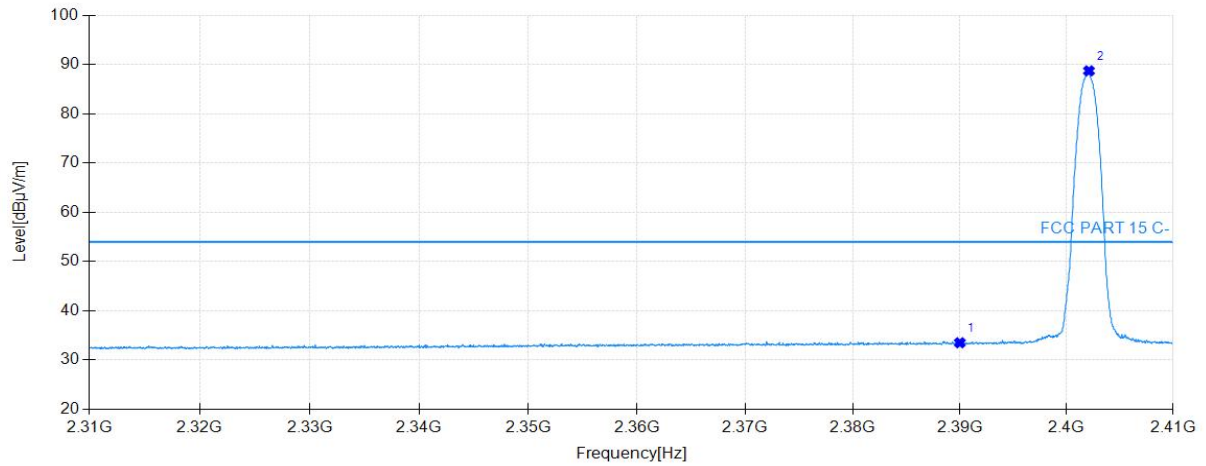
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	44.70	32.74	74.00	29.30	160	71	Vertical
2	2402.15	91.88	32.81	/	/	160	357	Vertical

Start of Test:2023-09-15 14:04:15

Test Graph



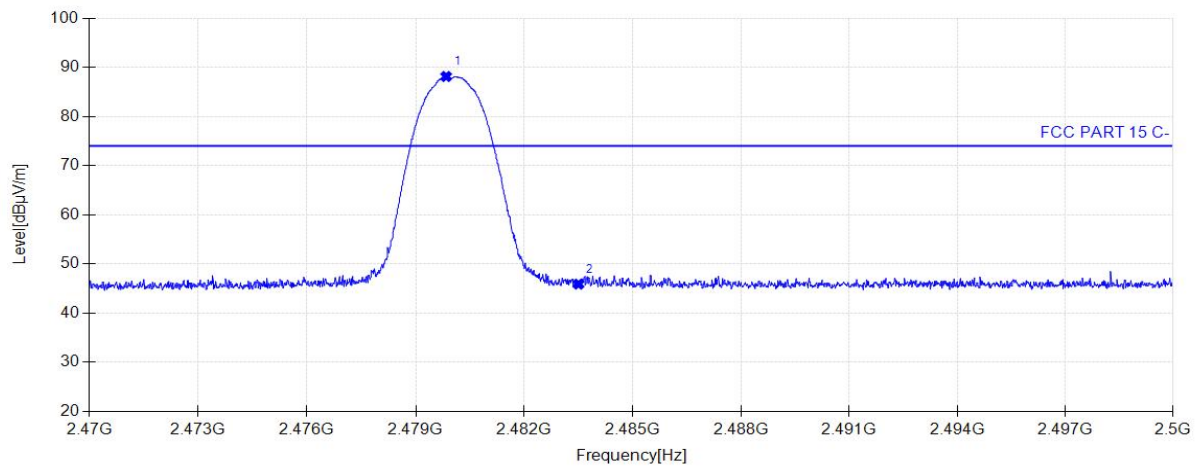
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	33.50	32.74	54.00	20.50	160	357	Vertical
2	2402.10	88.70	32.81	/	/	160	1	Vertical

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 2DH5 at Channel 2480MHz		

Start of Test:2023-09-15 13:57:21

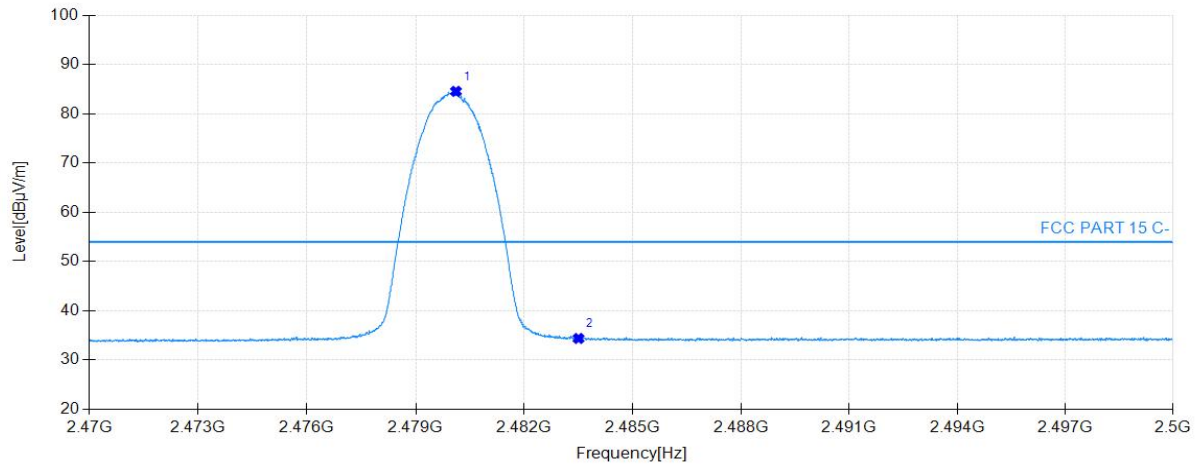
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.84	88.13	33.21	74.00	-14.13	160	343	Horizontal
2	2483.50	45.89	33.23	/	/	160	71	Horizontal

Start of Test:2023-09-15 13:54:59

Test Graph



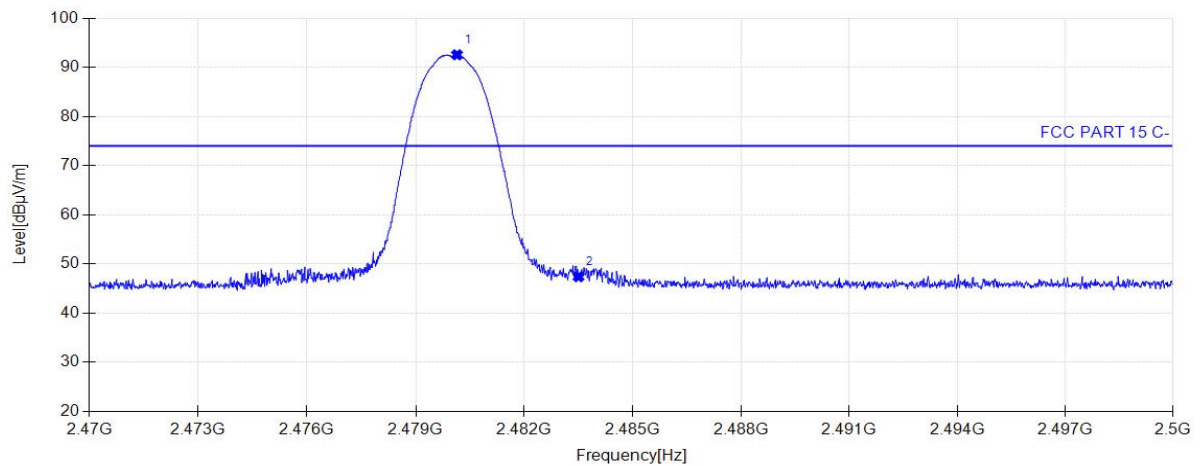
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.11	84.54	33.22	54.00	-30.54	160	24	Horizontal
2	2483.50	34.38	33.23	/	/	160	92	Horizontal

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 2DH5 at Channel 2480MHz		

Start of Test:2023-09-15 13:58:13

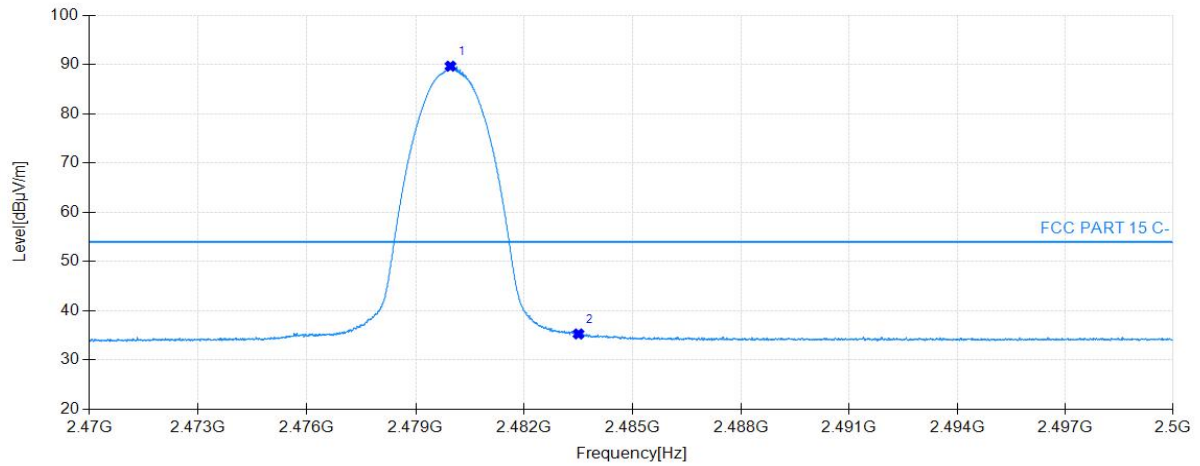
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.14	92.54	33.22	74.00	-18.54	160	357	Vertical
2	2483.50	47.40	33.23	/	/	160	351	Vertical

Start of Test:2023-09-15 13:55:52

Test Graph



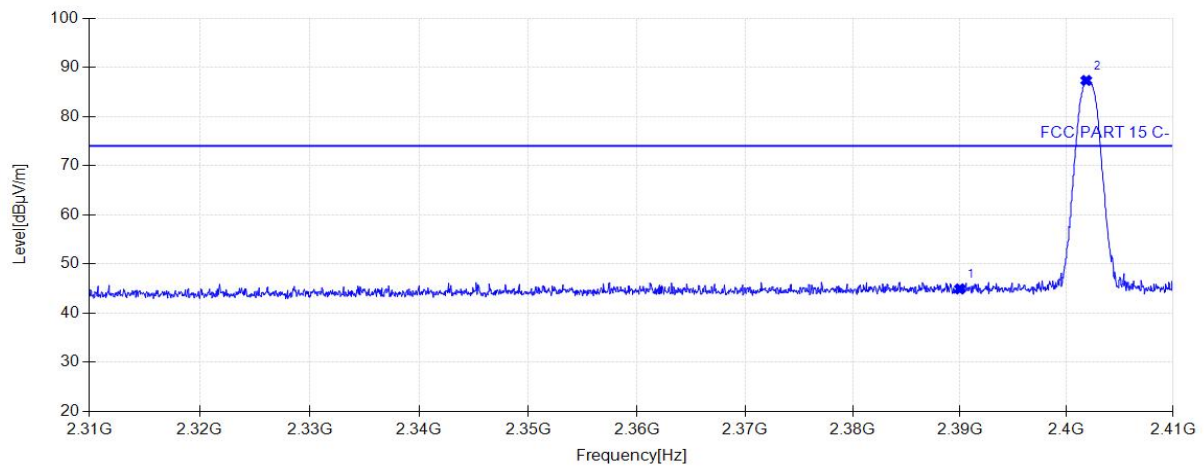
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.96	89.65	33.21	54.00	-35.65	160	2	Vertical
2	2483.50	35.28	33.23	/	/	160	4	Vertical

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 3DH5 at Channel 2402MHz		

Start of Test:2023-09-15 14:09:03

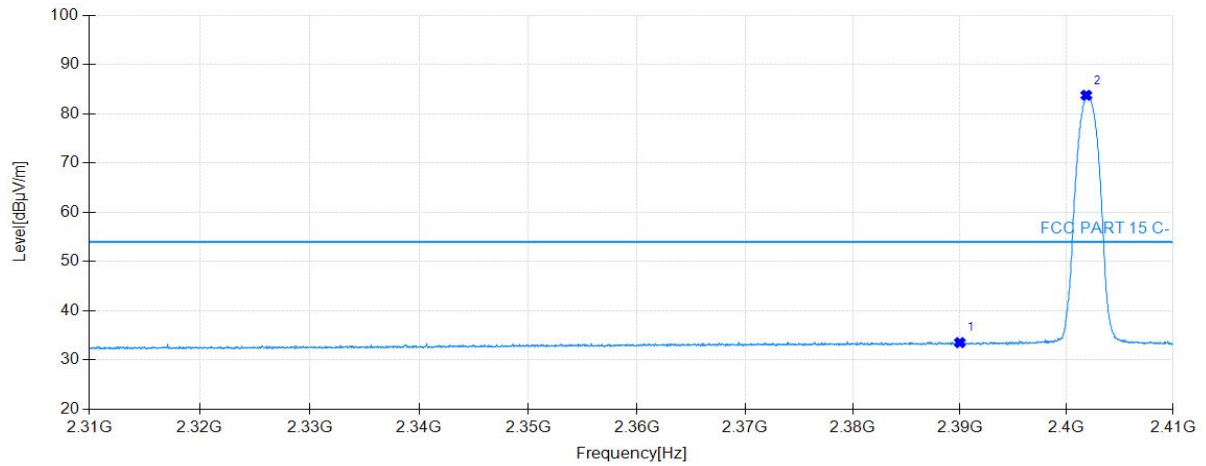
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	44.92	32.74	74.00	29.08	160	43	Horizontal
2	2401.85	87.32	32.80	/	/	160	15	Horizontal

Start of Test:2023-09-15 14:06:52

Test Graph



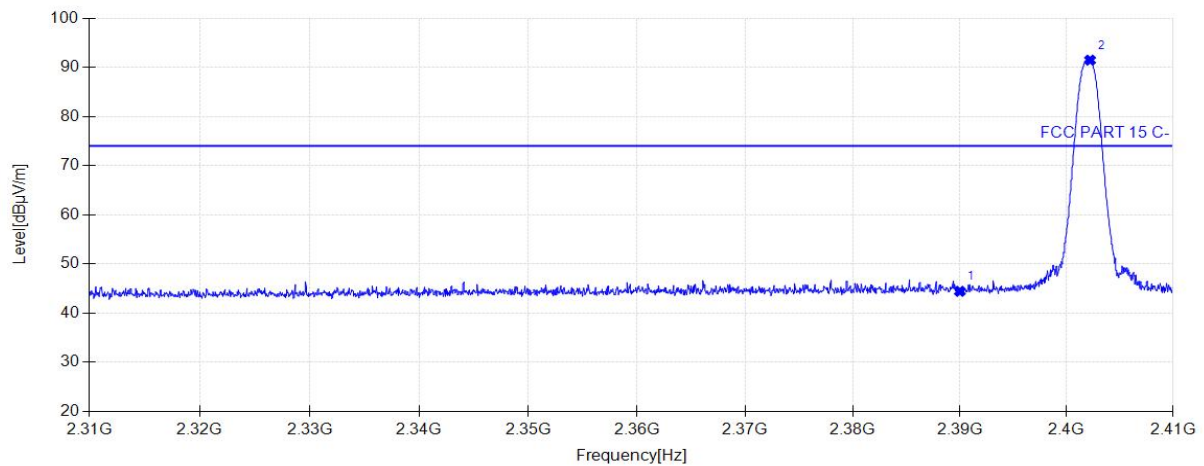
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	33.53	32.74	54.00	20.47	160	290	Horizontal
2	2401.85	83.74	32.80	/	/	160	160	Horizontal

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 3DH5 at Channel 2402MHz		

Start of Test:2023-09-15 14:09:55

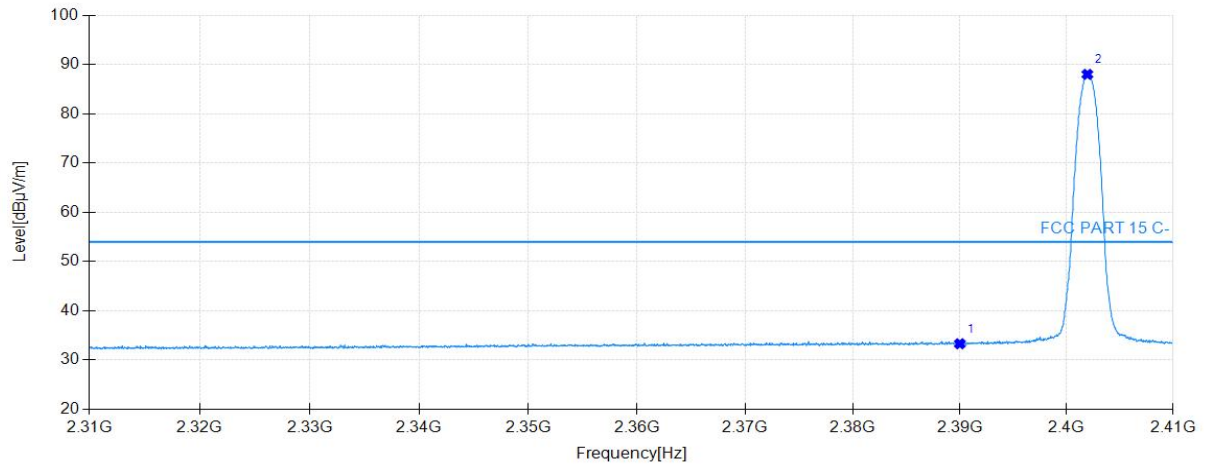
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	44.44	32.74	74.00	29.56	160	4	Vertical
2	2402.20	91.45	32.81	/	/	160	357	Vertical

Start of Test:2023-09-15 14:07:44

Test Graph



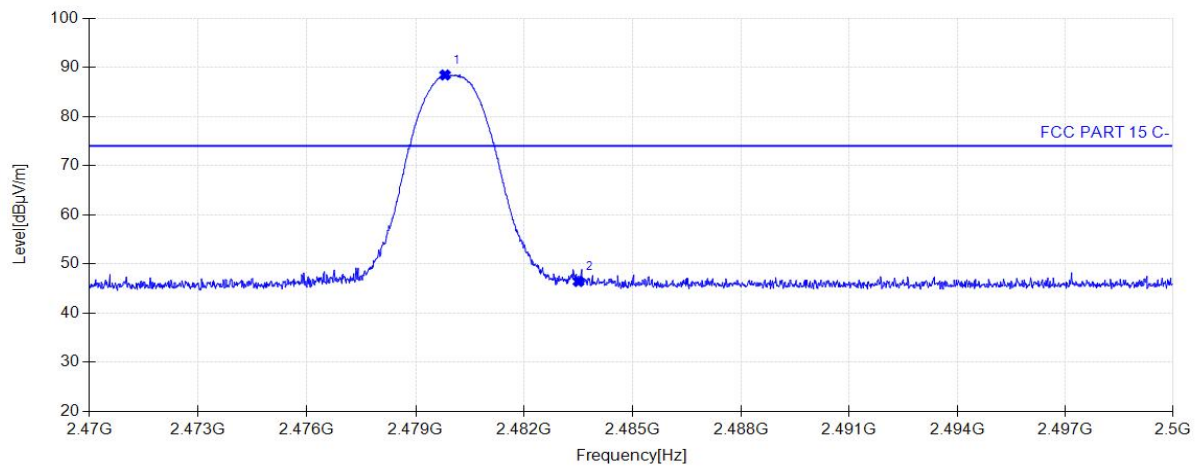
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2390.00	33.30	32.74	54.00	20.70	160	118	Vertical
2	2401.95	87.99	32.80	/	/	160	357	Vertical

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 3DH5 at Channel 2480MHz		

Start of Test:2023-09-15 14:12:25

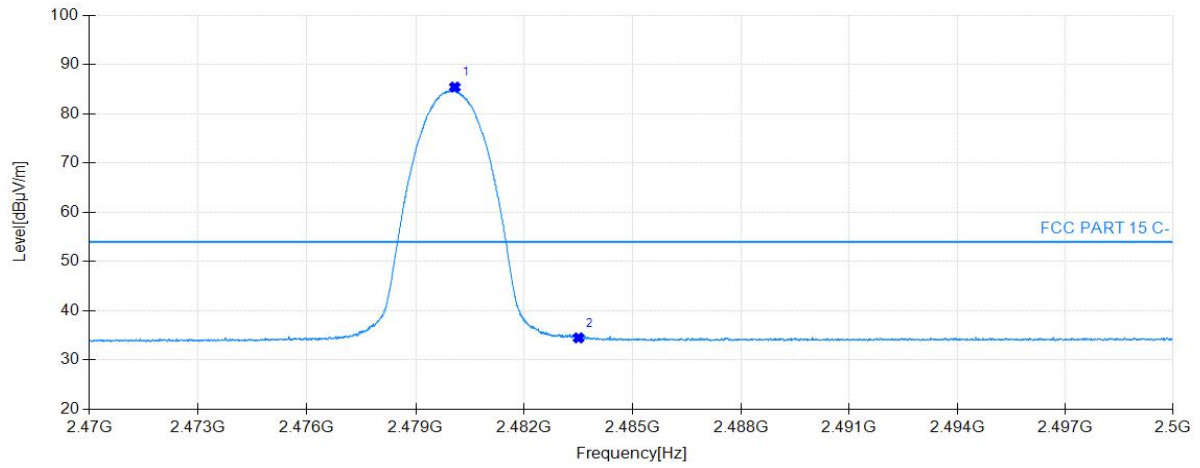
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.81	88.44	33.21	74.00	-14.44	160	344	Horizontal
2	2483.50	46.43	33.23	/	/	160	344	Horizontal

Start of Test:2023-09-15 14:14:35

Test Graph



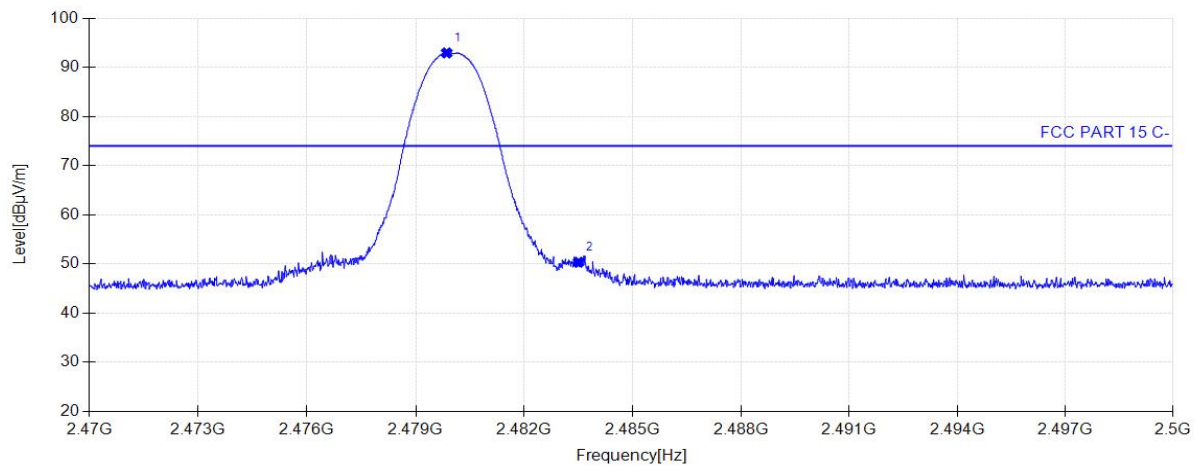
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.08	85.40	33.22	54.00	-31.40	160	16	Horizontal
2	2483.50	34.49	33.23	/	/	160	44	Horizontal

Project Information			
EUT:	Wireless Headset	Model:	TLL411007
SN:	N/A	Voltage:	DC 3.7V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Guangze Ding
Remark:	Transmit by 3DH5 at Channel 2480MHz		

Start of Test:2023-09-15 14:13:17

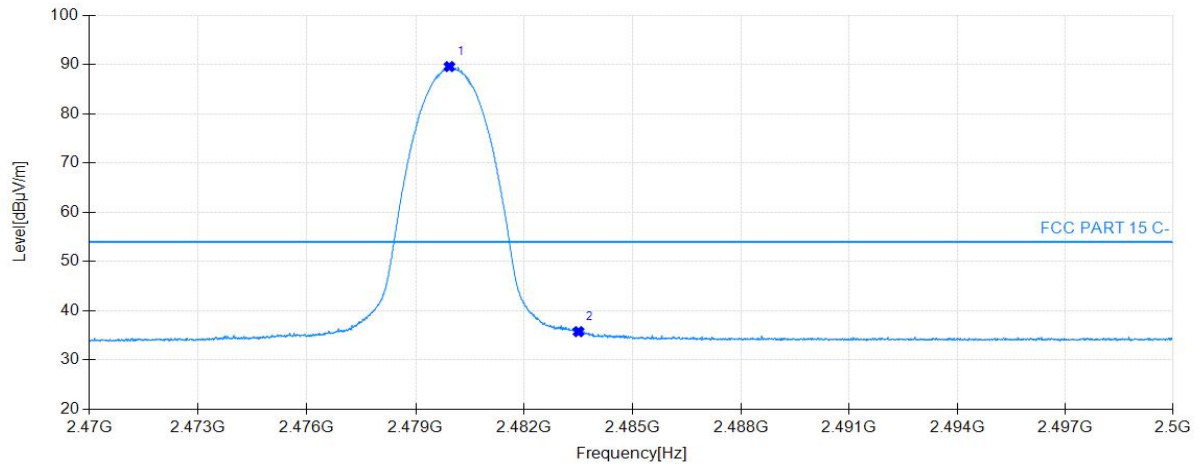
Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.85	92.92	33.21	74.00	-18.92	160	356	Vertical
2	2483.50	50.35	33.23	/	/	160	6	Vertical

Start of Test:2023-09-15 14:15:27

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.93	89.57	33.21	54.00	-35.57	160	356	Vertical
2	2483.50	35.75	33.23	/	/	160	0	Vertical

7.11. AC Conducted Emissions Measurement

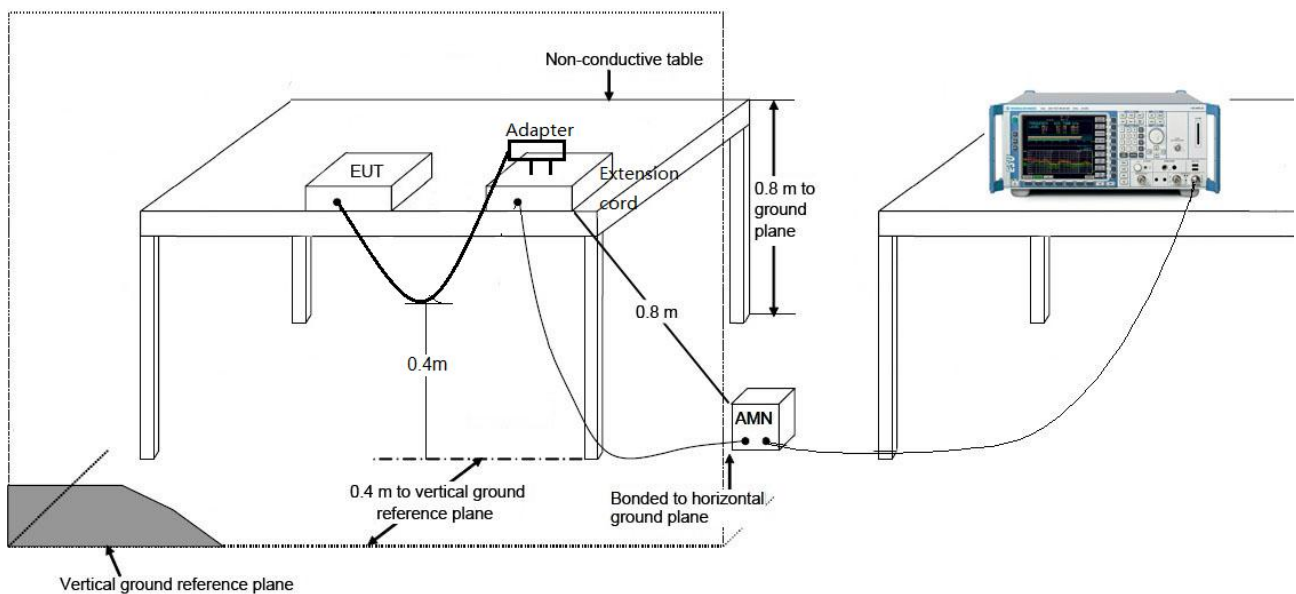
7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
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.

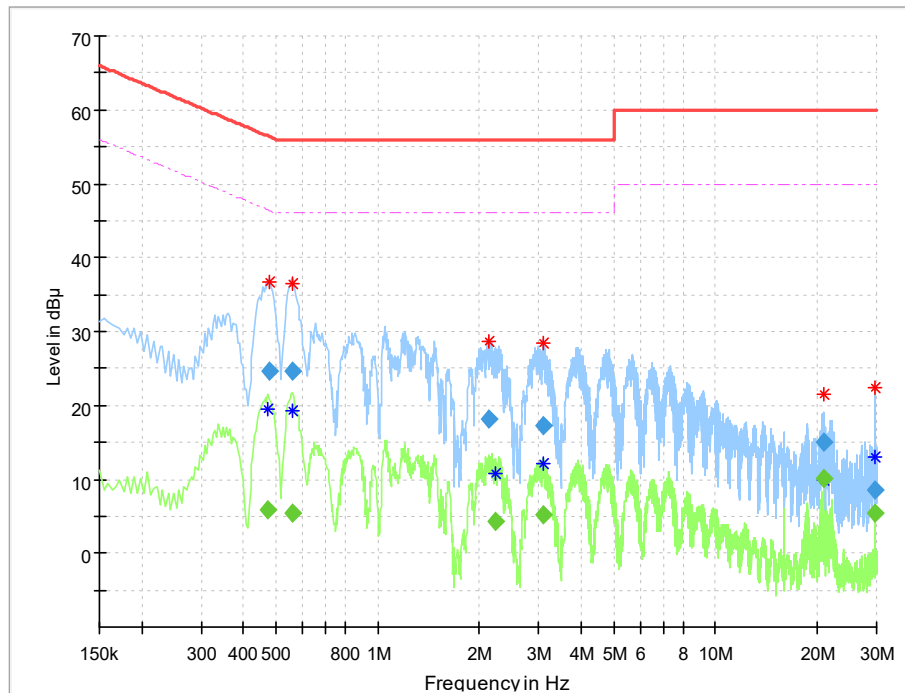
7.11.2. Test Setup



7.11.3. Test Result

The worst case of Conducted Emissions:

EUT:	Wireless Headset	Polarity:	LINE
Model:	TLL411007	Power Supply:	HW-050200C01
Mode:	/	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Guangze Ding
Remark:	The EUT is charge.		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.474000	---	5.86	46.44	40.59	100.0	9.000	L1	ON	9.6
0.478500	24.60	---	56.37	31.76	100.0	9.000	L1	ON	9.6
0.559500	---	5.52	46.00	40.48	100.0	9.000	L1	ON	9.6
0.559500	24.65	---	56.00	31.35	100.0	9.000	L1	ON	9.6
2.134500	18.27	---	56.00	37.73	100.0	9.000	L1	ON	9.6
2.229000	---	4.36	46.00	41.64	100.0	9.000	L1	ON	9.6
3.079500	---	5.11	46.00	40.89	100.0	9.000	L1	ON	9.6
3.102000	17.20	---	56.00	38.80	100.0	9.000	L1	ON	9.6
20.976000	15.06	---	60.00	44.94	100.0	9.000	L1	ON	9.8
20.976000	---	10.03	50.00	39.97	100.0	9.000	L1	ON	9.8
29.796000	---	5.36	50.00	44.64	100.0	9.000	L1	ON	9.8
29.796000	8.46	---	60.00	51.54	100.0	9.000	L1	ON	9.8

EUT:	Wireless Headset	Polarity:	NEUTRAL
Model:	TLL411007	Power Supply:	HW-050200C01
Mode:	/	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Guangze Ding
Remark:	The EUT is charge.		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.420000	29.47	---	57.45	27.98	100.0	9.000	N	ON	9.6
0.429000	---	6.75	47.27	40.52	100.0	9.000	N	ON	9.6
1.261500	22.36	---	56.00	33.64	100.0	9.000	N	ON	9.6
1.360500	---	3.87	46.00	42.13	100.0	9.000	N	ON	9.6
3.178500	---	5.35	46.00	40.65	100.0	9.000	N	ON	9.6
3.178500	20.91	---	56.00	35.09	100.0	9.000	N	ON	9.6
6.679500	17.22	---	60.00	42.78	100.0	9.000	N	ON	9.7
6.981000	---	11.02	50.00	38.98	100.0	9.000	N	ON	9.7
20.643000	---	9.36	50.00	40.64	100.0	9.000	N	ON	9.8
20.823000	10.88	---	60.00	49.12	100.0	9.000	N	ON	9.8
29.805000	---	13.50	50.00	36.50	100.0	9.000	N	ON	9.9
29.805000	19.98	---	60.00	40.02	100.0	9.000	N	ON	9.9

8. CONCLUSION

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

_____ The End _____