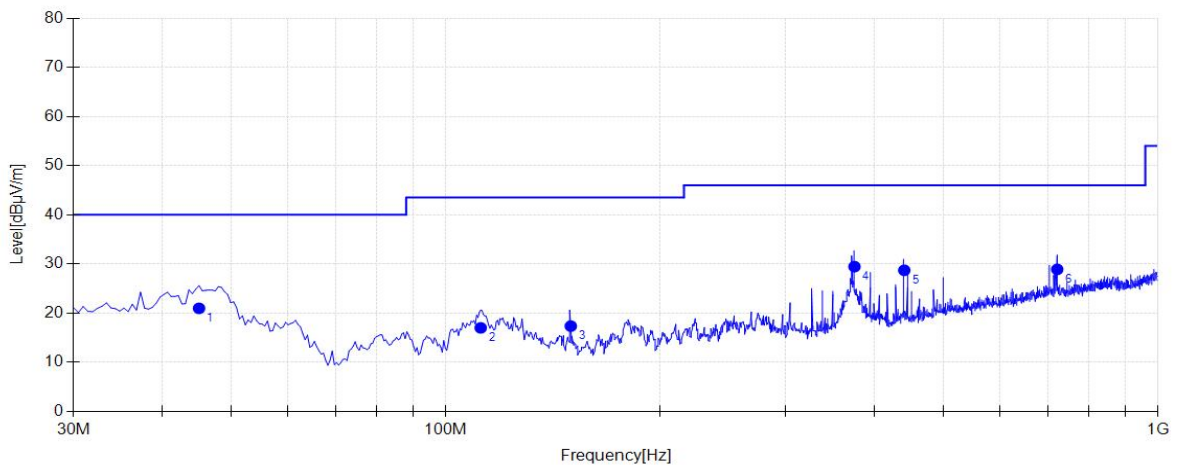


EUT:	LED Playback Control Processor	Polarity:	Vertical
Model:	TU20 Pro	SN:	N/A
Mode:	Transmit at BLE_2M Channel 00	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia

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	45.0350	12.06	20.98	40.00	19.02	100	217	Vertical
2	111.965	11.49	17.01	43.50	26.49	100	320	Vertical
3	149.795	10.84	17.37	43.50	26.13	200	0	Vertical
4	374.835	15.33	29.46	46.00	16.54	200	213	Vertical
5	440.310	17.24	28.72	46.00	17.28	200	213	Vertical
6	722.095	22.16	28.90	46.00	17.10	200	47	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

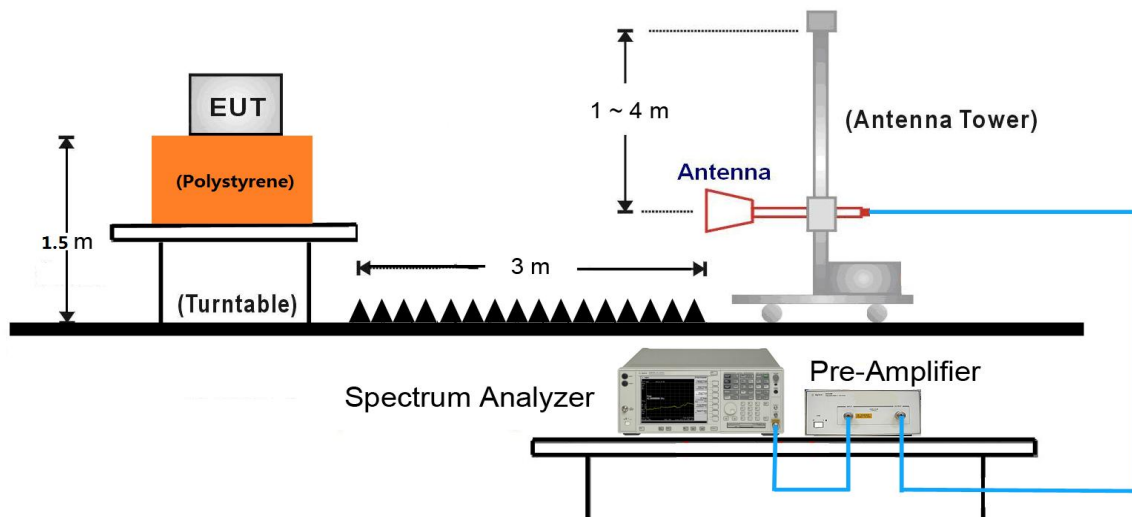
Peak Field Strength Measurements

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



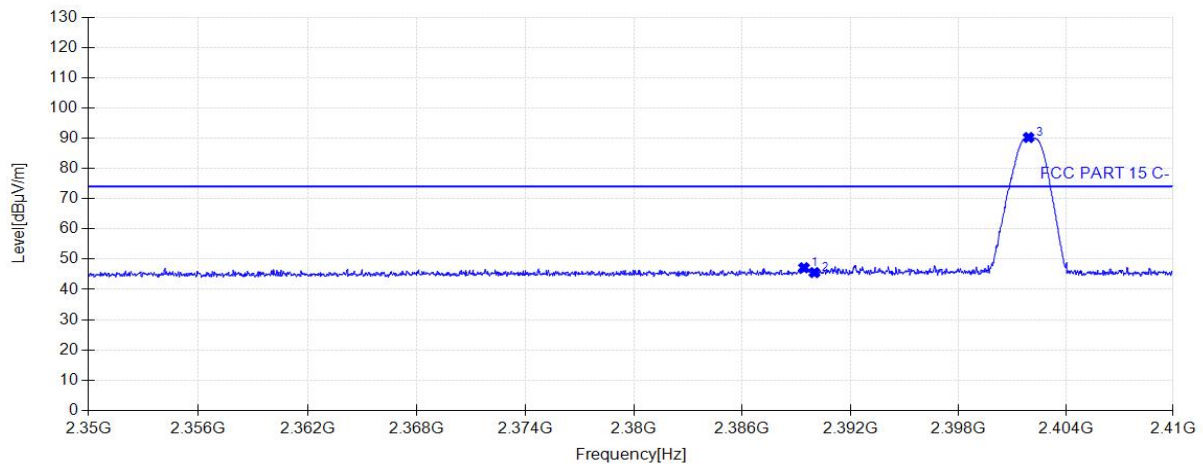
Note: This item was performed with the WIFI antenna connected.

7.7.5. Test Result

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_1M Channel 00		

Start of Test:2023-05-07 12:29:28

Test Graph



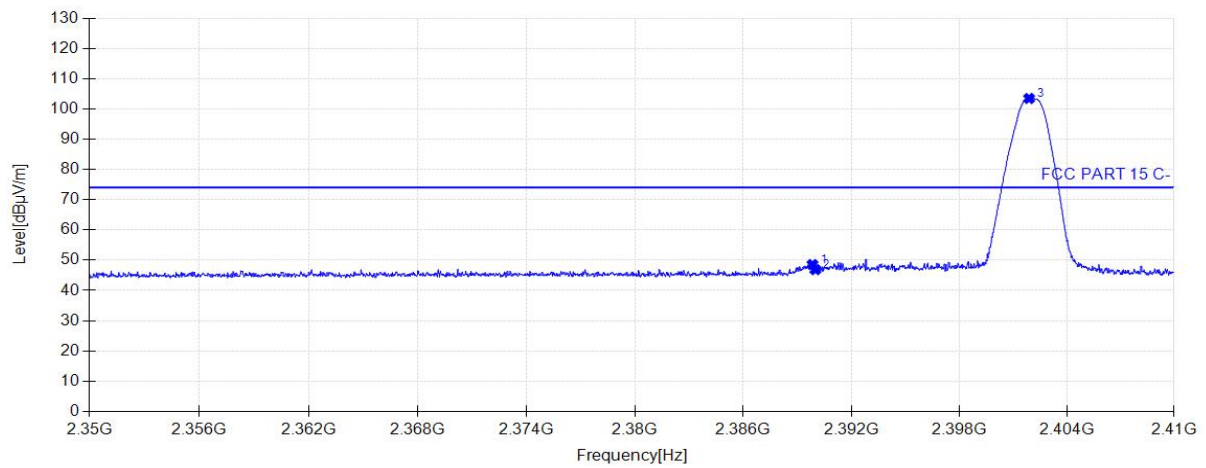
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.42	47.18	32.74	74.00	26.82	160	309	Horizontal
2	2390.00	45.56	32.74	74.00	28.44	160	129	Horizontal
3	2401.93	90.22	32.80	74.00	-16.22	160	227	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_1M Channel 00		

Start of Test:2023-05-07 12:30:36

Test Graph

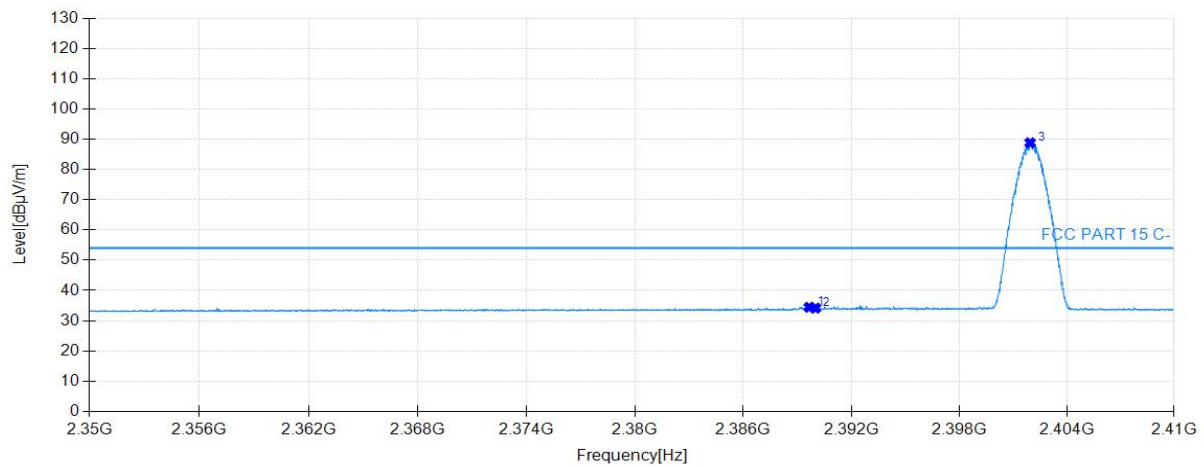


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.84	48.54	32.74	74.00	25.46	160	100	Vertical
2	2390.00	46.87	32.74	74.00	27.13	160	100	Vertical
3	2401.90	103.45	32.80	74.00	-29.45	160	273	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_1M Channel 00		

Start of Test:2023-05-07 12:32:08

Test Graph

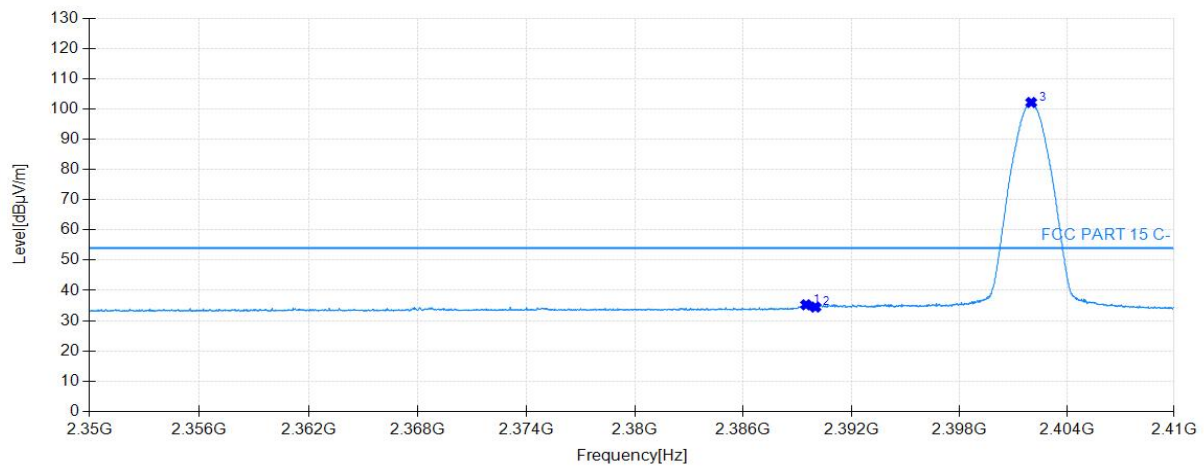


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.66	34.44	32.74	54.00	19.56	160	130	Horizontal
2	2390.00	34.15	32.74	54.00	19.85	160	130	Horizontal
3	2401.96	88.81	32.80	54.00	-34.81	160	226	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_1M Channel 00		

Start of Test:2023-05-07 12:33:16

Test Graph

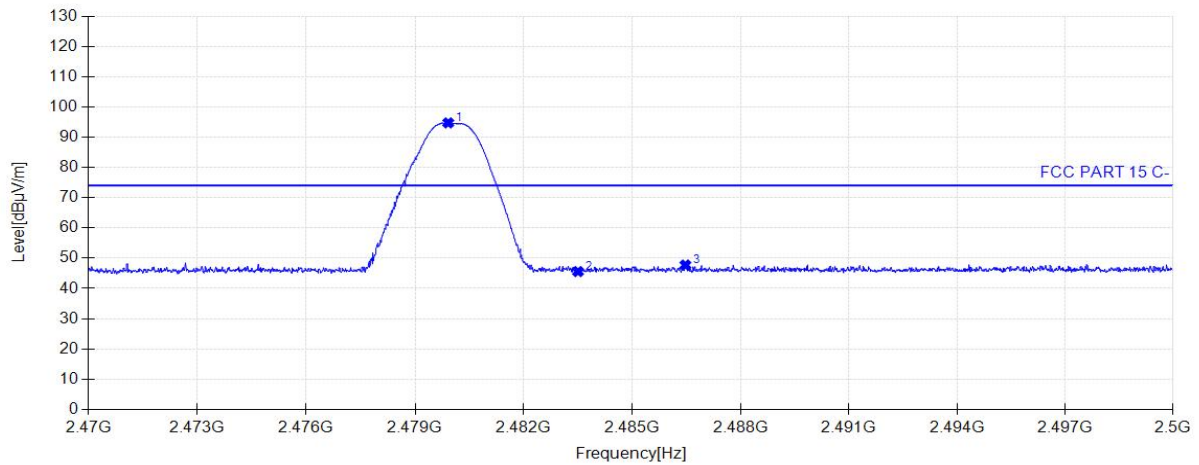


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.48	35.25	32.74	54.00	18.75	160	99	Vertical
2	2390.00	34.50	32.74	54.00	19.50	160	126	Vertical
3	2402.02	102.12	32.80	54.00	-48.12	160	271	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_1M Channel 39		

Start of Test:2023-05-07 12:42:37

Test Graph

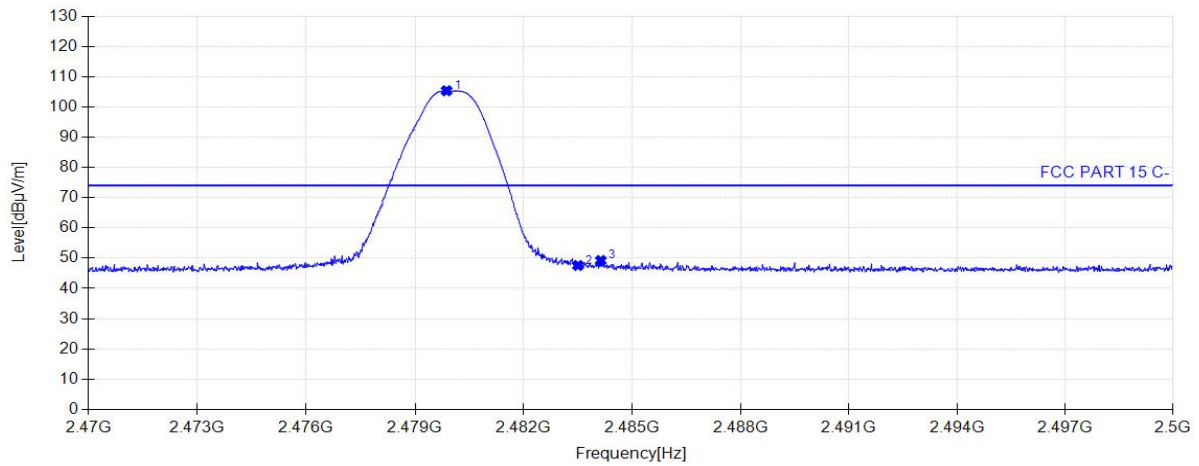


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.91	94.72	33.21	74.00	-20.72	160	226	Horizontal
2	2483.50	45.58	33.23	74.00	28.42	160	343	Horizontal
3	2486.47	47.73	33.25	74.00	26.27	160	1	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_1M Channel 39		

Start of Test:2023-05-07 12:43:29

Test Graph

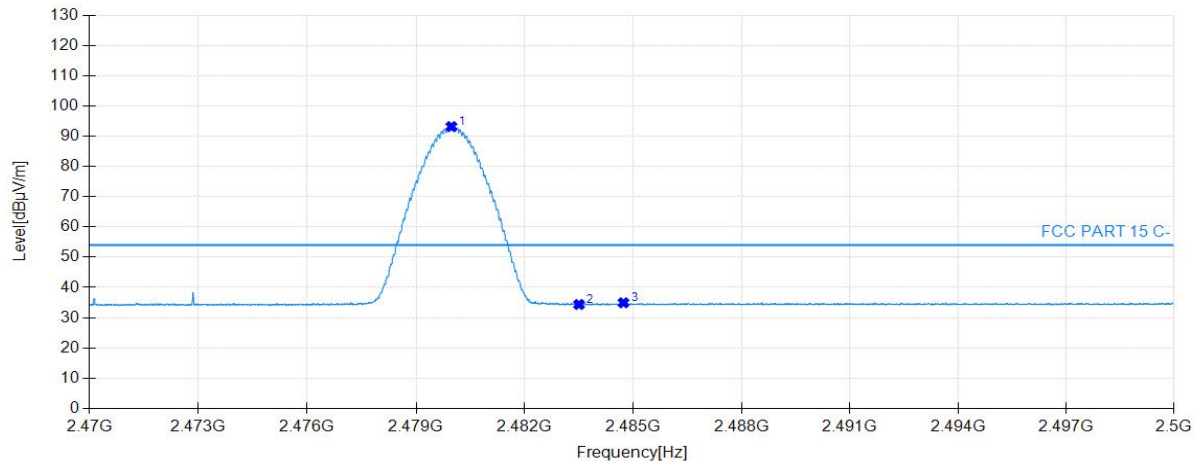


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.87	105.34	33.21	74.00	-31.34	160	284	Vertical
2	2483.50	47.59	33.23	74.00	26.41	160	277	Vertical
3	2484.13	49.23	33.24	74.00	24.77	160	306	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE 1M Channel 39		

Start of Test:2023-05-07 12:44:42

Test Graph

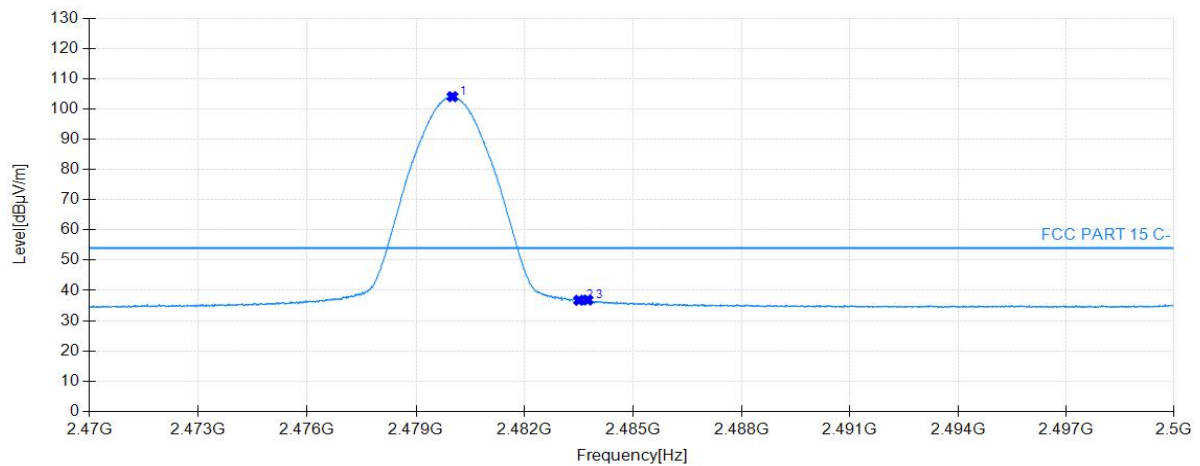


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.97	93.16	33.21	54.00	-39.16	160	220	Horizontal
2	2483.50	34.37	33.23	54.00	19.63	160	109	Horizontal
3	2484.73	34.93	33.24	54.00	19.07	160	206	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE 1M Channel 39		

Start of Test:2023-05-07 12:45:35

Test Graph



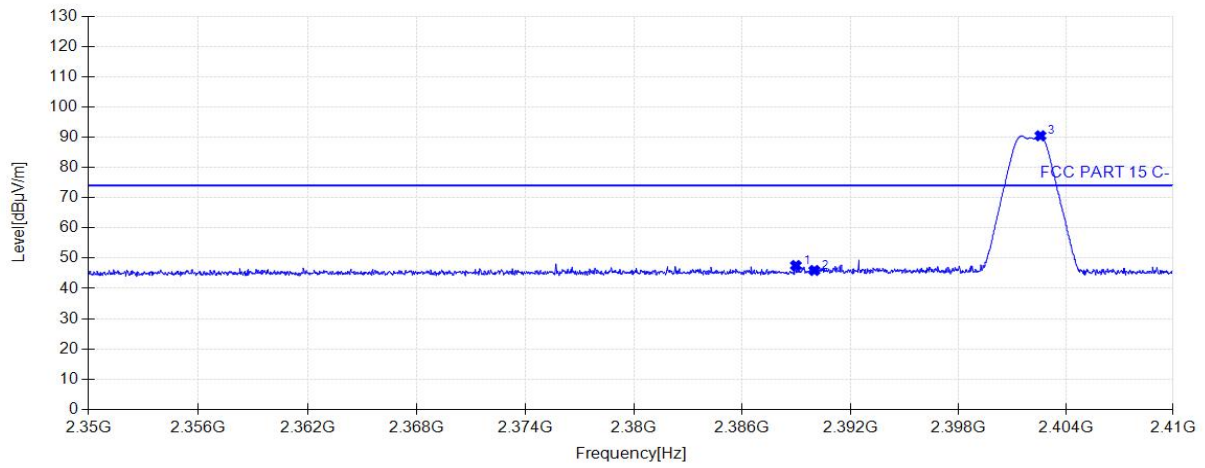
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.00	104.04	33.21	54.00	-50.04	160	279	Vertical
2	2483.50	36.75	33.23	54.00	17.25	160	291	Vertical
3	2483.74	36.83	33.23	54.00	17.17	160	286	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 00		

Start of Test:2023-05-07 12:52:46

Test Graph

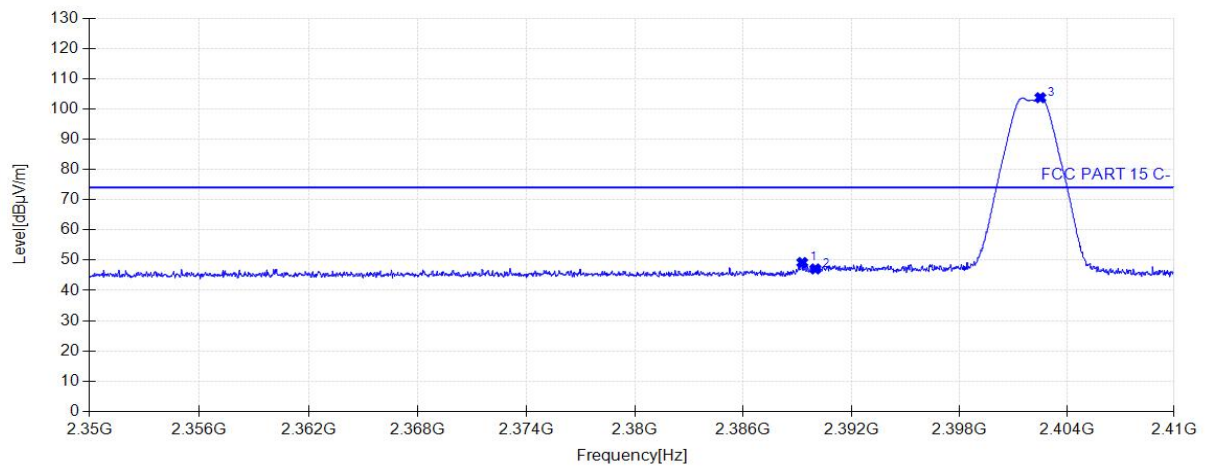


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.97	47.57	32.74	74.00	26.43	160	130	Horizontal
2	2390.00	45.94	32.74	74.00	28.06	160	151	Horizontal
3	2402.59	90.45	32.81	74.00	-16.45	160	226	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 00		

Start of Test:2023-05-07 12:53:38

Test Graph

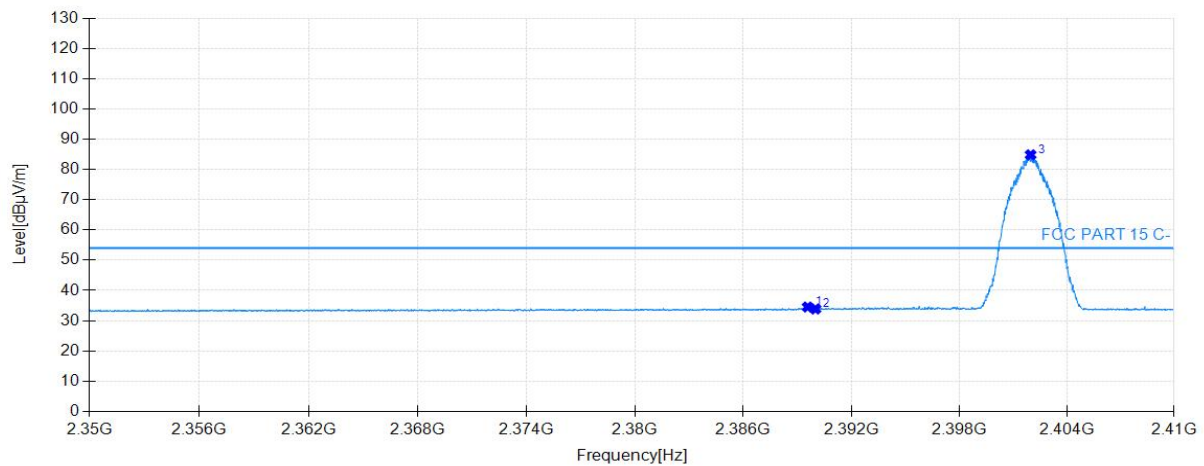


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.27	49.22	32.74	74.00	24.78	160	100	Vertical
2	2390.00	47.11	32.74	74.00	26.89	160	112	Vertical
3	2402.53	103.70	32.81	74.00	-29.70	160	273	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 00		

Start of Test:2023-05-07 12:54:44

Test Graph

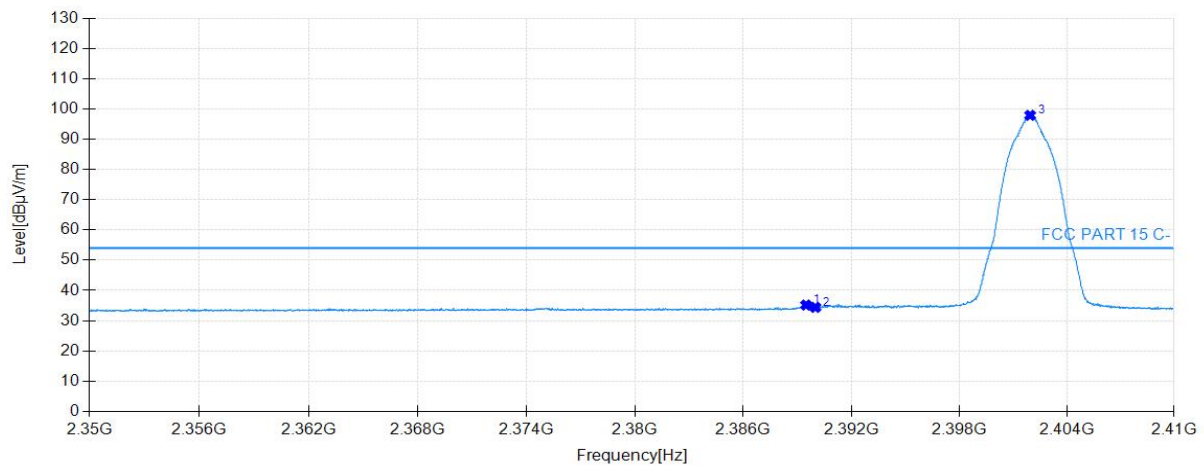


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.57	34.53	32.74	54.00	19.47	160	130	Horizontal
2	2390.00	33.87	32.74	54.00	20.13	160	123	Horizontal
3	2401.99	84.82	32.80	54.00	-30.82	160	227	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 00		

Start of Test:2023-05-07 12:55:35

Test Graph

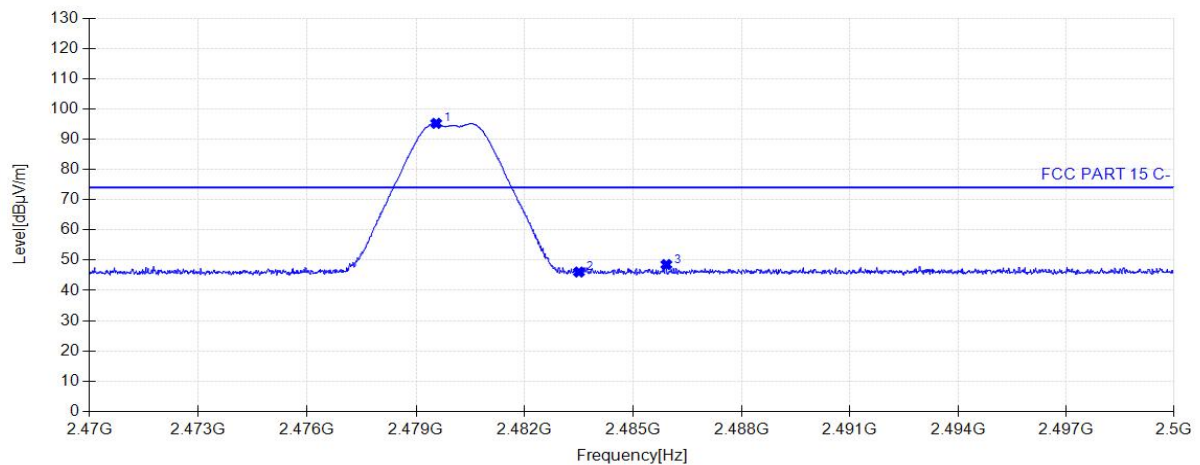


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.48	35.17	32.74	54.00	18.83	160	99	Vertical
2	2390.00	34.41	32.74	54.00	19.59	160	99	Vertical
3	2401.96	97.88	32.80	54.00	-43.88	160	280	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 39		

Start of Test:2023-05-07 12:58:31

Test Graph

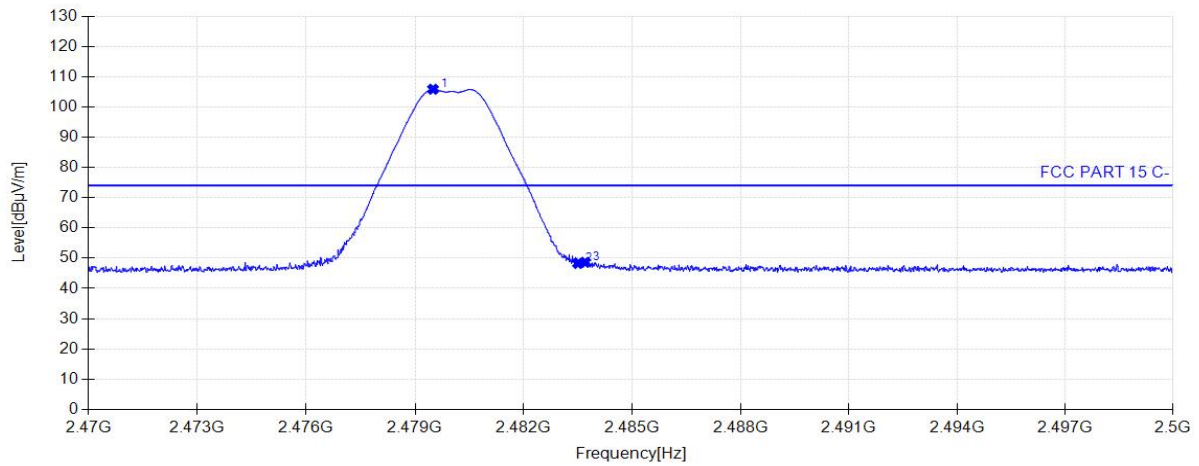


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.55	95.22	33.21	74.00	-21.22	160	226	Horizontal
2	2483.50	46.08	33.23	74.00	27.92	160	122	Horizontal
3	2485.91	48.55	33.25	74.00	25.45	160	15	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 39		

Start of Test:2023-05-07 12:59:23

Test Graph

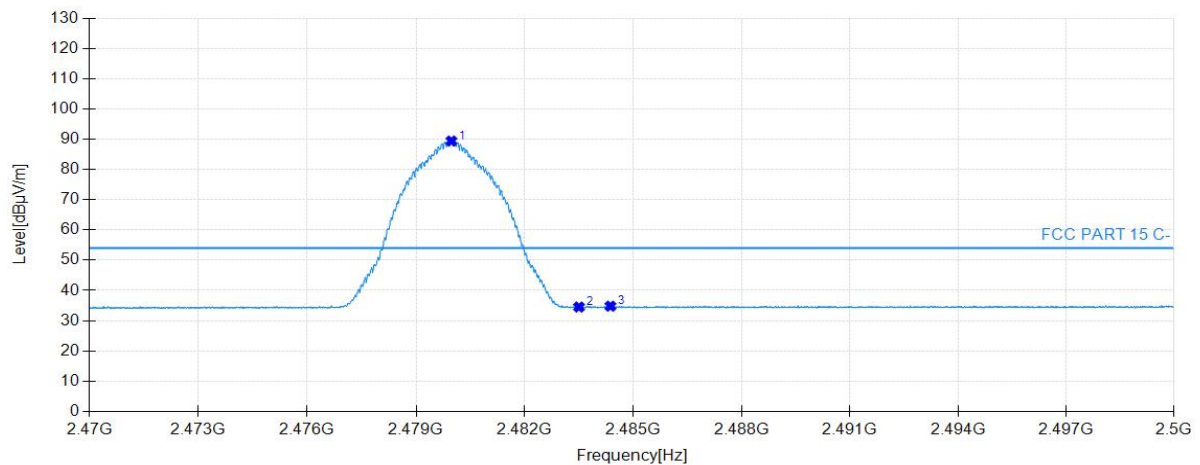


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.49	105.84	33.21	74.00	-31.84	160	272	Vertical
2	2483.50	48.26	33.23	74.00	25.74	160	272	Vertical
3	2483.69	48.64	33.23	74.00	25.36	160	308	Vertical

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 39		

Start of Test:2023-05-07 13:00:30

Test Graph



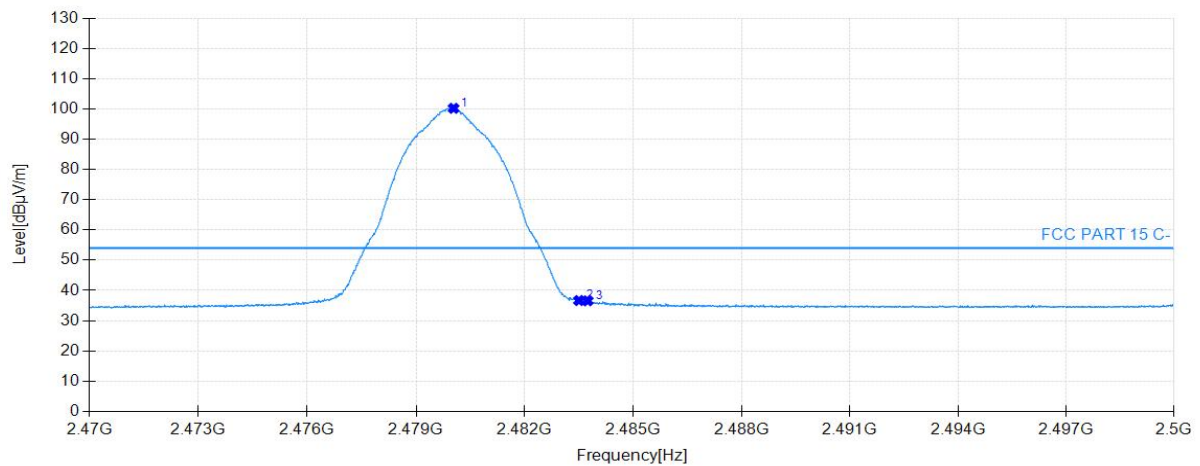
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.97	89.39	33.21	54.00	-35.39	160	226	Horizontal
2	2483.50	34.52	33.23	54.00	19.48	160	356	Horizontal
3	2484.37	34.80	33.24	54.00	19.20	160	18	Horizontal

Project Information			
EUT:	LED Playback Control	Model:	TU20 Pro
SN:	N/A	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 39		

Start of Test:2023-05-07 13:01:23

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.03	100.19	33.21	54.00	-46.19	160	280	Vertical
2	2483.50	36.67	33.23	54.00	17.33	160	280	Vertical
3	2483.74	36.56	33.23	54.00	17.44	160	280	Vertical

7.8. AC Conducted Emissions Measurement

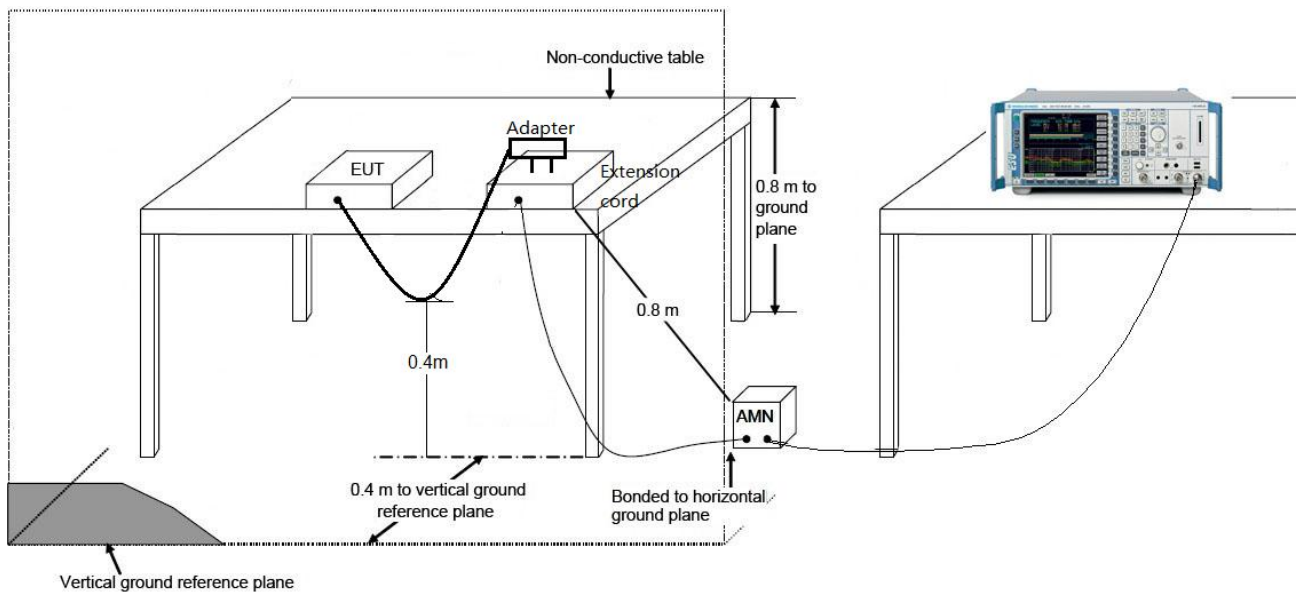
7.8.1. Test Limit

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.

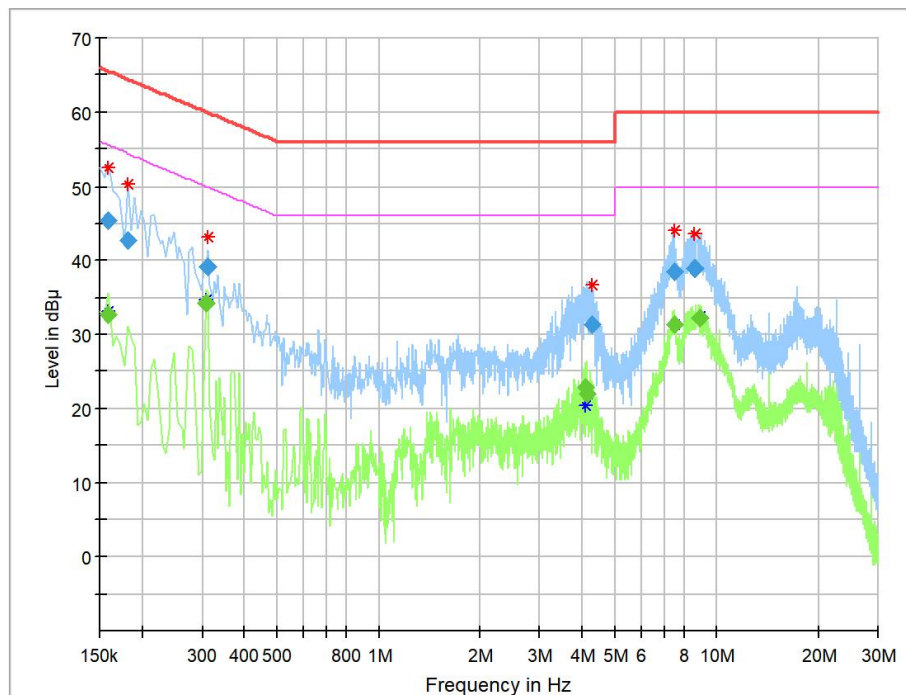
7.8.2. Test Setup



7.8.3. Test Result

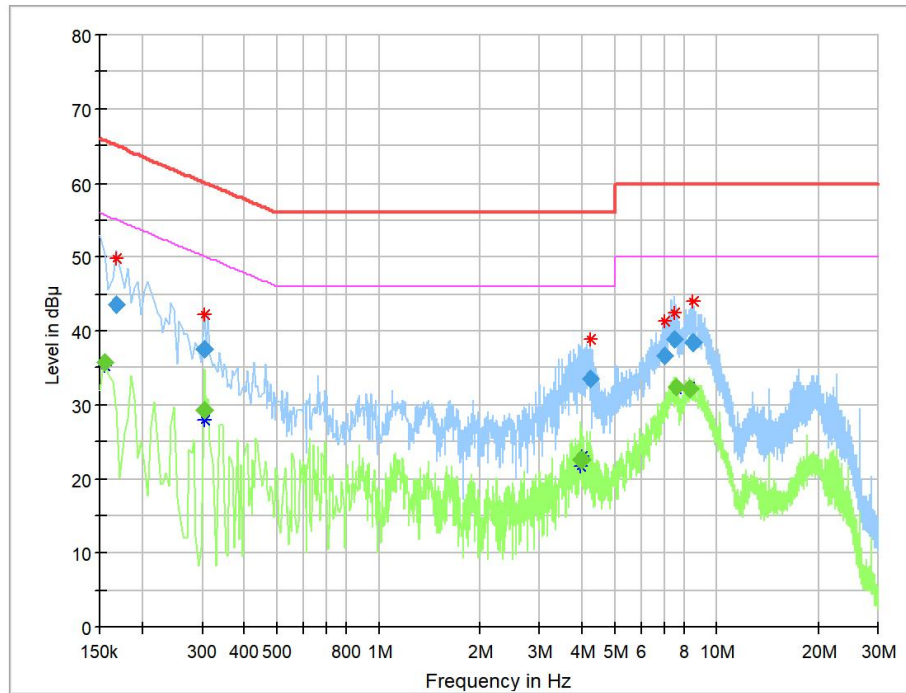
The worst case of Conducted Emissions:

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 00		



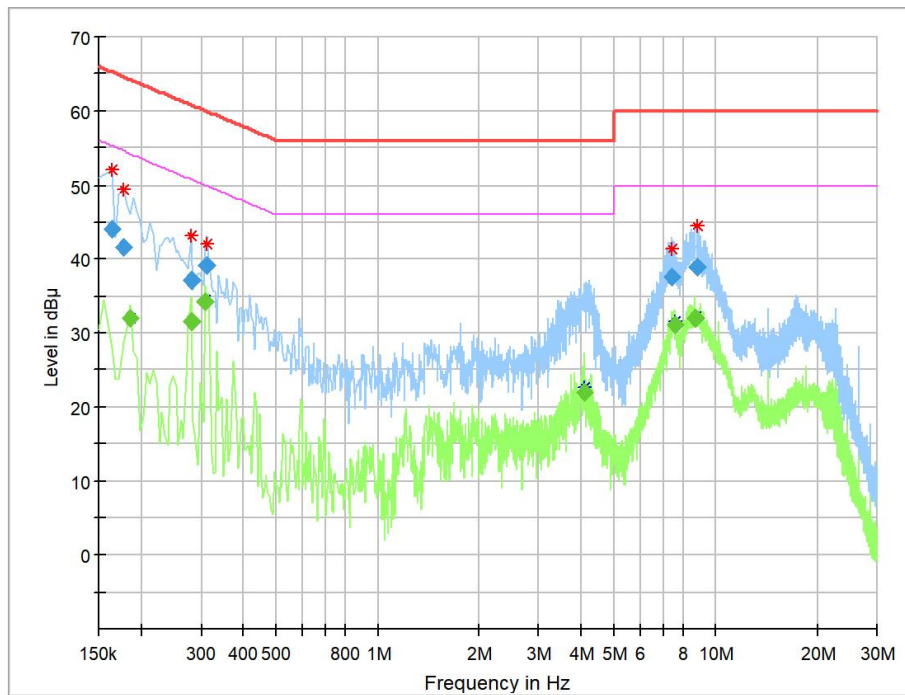
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.159000	---	32.69	55.52	22.82	100.0	9.000	L1	ON	9.6
0.159000	45.32	---	65.52	20.19	100.0	9.000	L1	ON	9.6
0.181500	42.69	---	64.42	21.72	100.0	9.000	L1	ON	9.6
0.307500	---	34.25	50.04	15.78	100.0	9.000	L1	ON	9.6
0.312000	39.14	---	59.92	20.78	100.0	9.000	L1	ON	9.6
4.087500	---	22.76	46.00	23.24	100.0	9.000	L1	ON	9.7
4.155000	---	21.94	46.00	24.06	100.0	9.000	L1	ON	9.7
4.276500	31.37	---	56.00	24.63	100.0	9.000	L1	ON	9.7
7.489500	38.44	---	60.00	21.56	100.0	9.000	L1	ON	9.7
7.521000	---	31.30	50.00	18.70	100.0	9.000	L1	ON	9.7
8.632500	38.92	---	60.00	21.08	100.0	9.000	L1	ON	9.7
8.857500	---	32.14	50.00	17.86	100.0	9.000	L1	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	NEUTRAL
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 00		



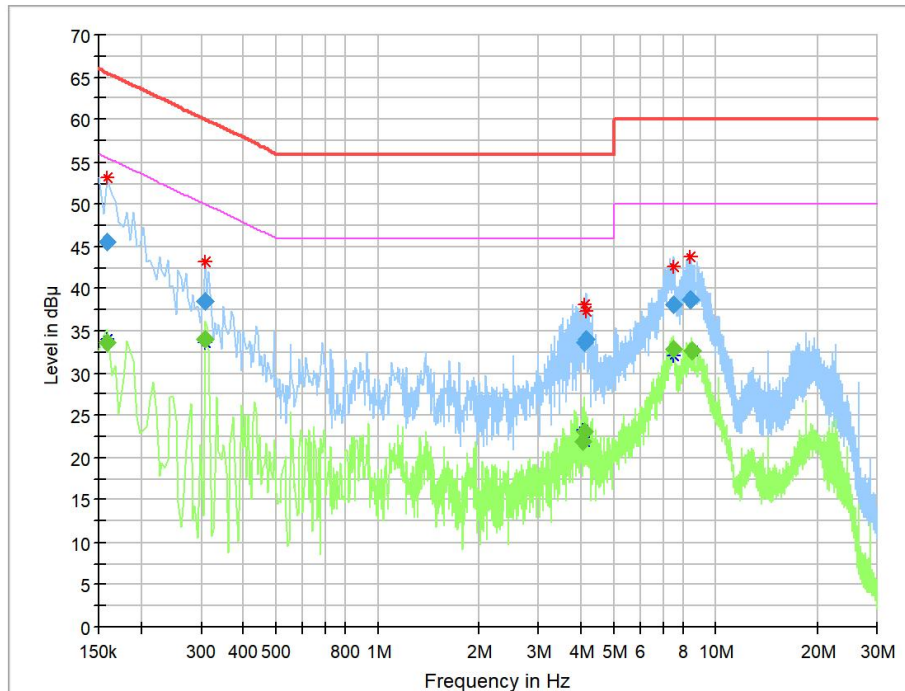
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	35.74	55.75	20.01	100.0	9.000	N	ON	9.6
0.168000	43.52	---	65.06	21.54	100.0	9.000	N	ON	9.6
0.303000	---	29.21	50.16	20.95	100.0	9.000	N	ON	9.6
0.303000	37.50	---	60.16	22.66	100.0	9.000	N	ON	9.6
3.966000	---	22.66	46.00	23.34	100.0	9.000	N	ON	9.6
4.015500	---	22.52	46.00	23.48	100.0	9.000	N	ON	9.7
4.222500	33.50	---	56.00	22.50	100.0	9.000	N	ON	9.7
7.044000	36.61	---	60.00	23.39	100.0	9.000	N	ON	9.7
7.498500	38.80	---	60.00	21.20	100.0	9.000	N	ON	9.7
7.606500	---	32.41	50.00	17.59	100.0	9.000	N	ON	9.7
8.313000	---	32.18	50.00	17.82	100.0	9.000	N	ON	9.7
8.533500	38.41	---	60.00	21.59	100.0	9.000	N	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C ; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 19		



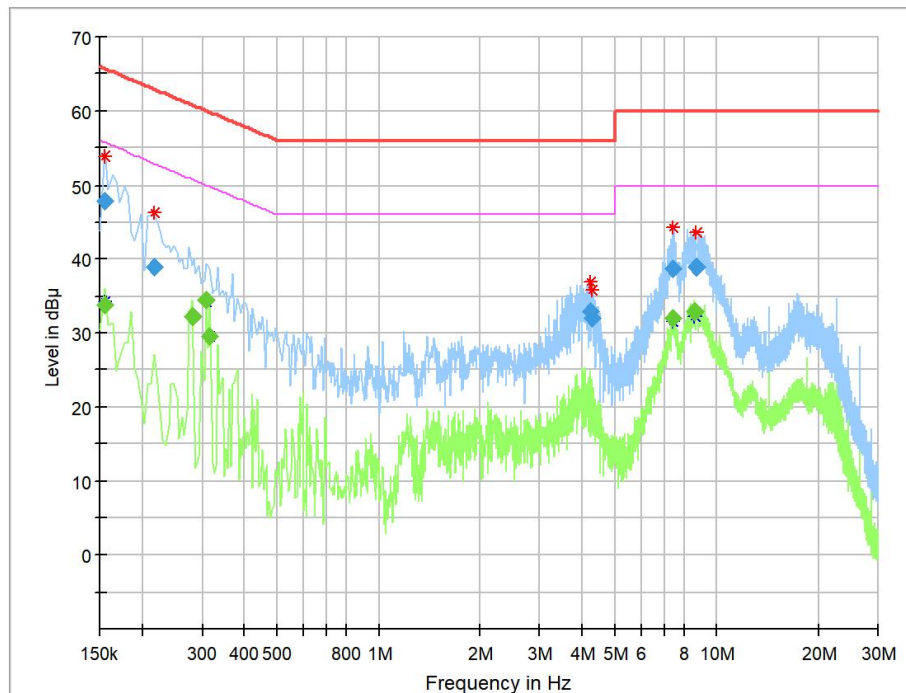
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.163500	44.06	---	65.28	21.22	100.0	9.000	L1	ON	9.6
0.177000	41.63	---	64.63	22.99	100.0	9.000	L1	ON	9.6
0.186000	---	31.98	54.21	22.23	100.0	9.000	L1	ON	9.6
0.280500	---	31.47	50.80	19.33	100.0	9.000	L1	ON	9.6
0.280500	37.25	---	60.80	23.55	100.0	9.000	L1	ON	9.6
0.307500	---	34.32	50.04	15.72	100.0	9.000	L1	ON	9.6
0.312000	39.23	---	59.92	20.68	100.0	9.000	L1	ON	9.6
4.092000	---	22.05	46.00	23.95	100.0	9.000	L1	ON	9.7
7.426500	37.59	---	60.00	22.41	100.0	9.000	L1	ON	9.7
7.575000	---	31.17	50.00	18.83	100.0	9.000	L1	ON	9.7
8.709000	---	32.03	50.00	17.97	100.0	9.000	L1	ON	9.7
8.776500	38.84	---	60.00	21.16	100.0	9.000	L1	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	NEUTRAL
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 19		



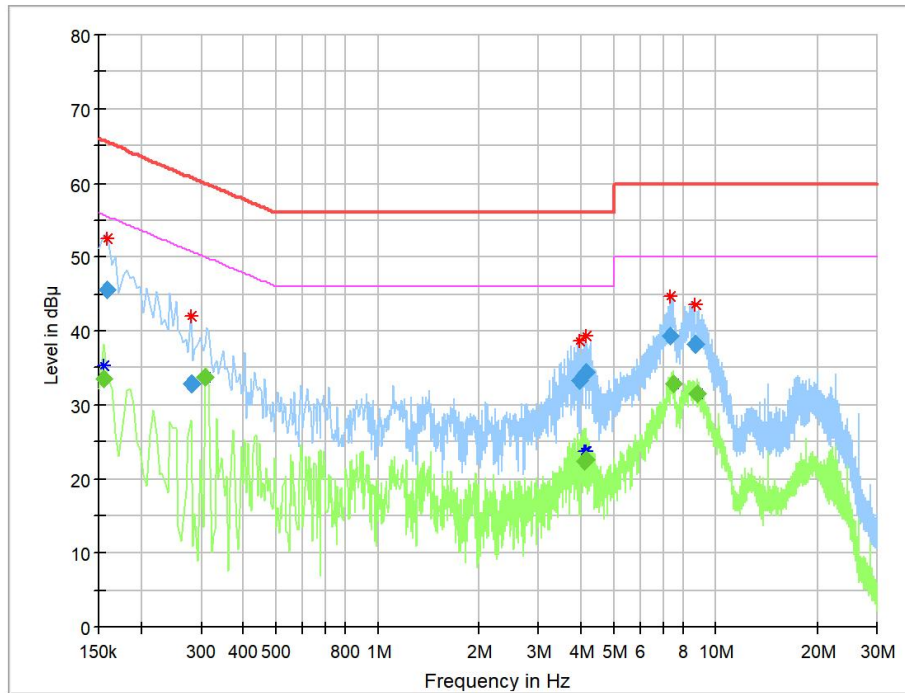
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.159000	---	33.61	55.52	21.91	100.0	9.000	N	ON	9.6
0.159000	45.55	---	65.52	19.96	100.0	9.000	N	ON	9.6
0.307500	---	33.99	50.04	16.05	100.0	9.000	N	ON	9.6
0.307500	38.46	---	60.04	21.58	100.0	9.000	N	ON	9.6
4.047000	---	21.99	46.00	24.01	100.0	9.000	N	ON	9.7
4.078500	33.62	---	56.00	22.38	100.0	9.000	N	ON	9.7
4.078500	---	23.16	46.00	22.84	100.0	9.000	N	ON	9.7
4.164000	33.98	---	56.00	22.02	100.0	9.000	N	ON	9.7
7.503000	---	32.78	50.00	17.22	100.0	9.000	N	ON	9.7
7.561500	38.12	---	60.00	21.88	100.0	9.000	N	ON	9.7
8.461500	38.69	---	60.00	21.31	100.0	9.000	N	ON	9.7
8.484000	---	32.68	50.00	17.32	100.0	9.000	N	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 39		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	33.79	55.75	21.96	100.0	9.000	L1	ON	9.6
0.154500	47.79	---	65.75	17.96	100.0	9.000	L1	ON	9.6
0.217500	39.02	---	62.91	23.89	100.0	9.000	L1	ON	9.6
0.280500	---	32.19	50.80	18.61	100.0	9.000	L1	ON	9.6
0.307500	---	34.46	50.04	15.58	100.0	9.000	L1	ON	9.6
0.316500	---	29.53	49.80	20.26	100.0	9.000	L1	ON	9.6
4.254000	32.80	---	56.00	23.20	100.0	9.000	L1	ON	9.7
4.303500	32.09	---	56.00	23.91	100.0	9.000	L1	ON	9.7
7.449000	---	31.97	50.00	18.03	100.0	9.000	L1	ON	9.7
7.467000	38.77	---	60.00	21.23	100.0	9.000	L1	ON	9.7
8.574000	---	32.88	50.00	17.12	100.0	9.000	L1	ON	9.7
8.659500	38.98	---	60.00	21.02	100.0	9.000	L1	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	NEUTRAL
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit at BLE_2M Channel 39		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	33.45	55.75	22.31	100.0	9.000	N	ON	9.6
0.159000	45.52	---	65.52	19.99	100.0	9.000	N	ON	9.6
0.280500	32.75	---	60.80	28.05	100.0	9.000	N	ON	9.6
0.307500	---	33.63	50.04	16.40	100.0	9.000	N	ON	9.6
3.975000	33.36	---	56.00	22.64	100.0	9.000	N	ON	9.6
4.083000	---	22.39	46.00	23.61	100.0	9.000	N	ON	9.7
4.141500	34.35	---	56.00	21.65	100.0	9.000	N	ON	9.7
4.141500	---	22.49	46.00	23.51	100.0	9.000	N	ON	9.7
7.381500	39.42	---	60.00	20.58	100.0	9.000	N	ON	9.7
7.539000	---	32.90	50.00	17.10	100.0	9.000	N	ON	9.7
8.731500	38.14	---	60.00	21.86	100.0	9.000	N	ON	9.7
8.821500	---	31.47	50.00	18.53	100.0	9.000	N	ON	9.7

8. CONCLUSION

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

_____ The End _____