



EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: DOCKSTREAM 2 Smart Cordless Fountain

Model name: PLWF116, 6236116

FCC ID: 2A3DE-PLWF116

Test Report Number: EFGX25040504-IE-07-E10

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1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd. is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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Operator:

2025-09-23

Bruce Zheng / Project Engineer



Date

Eurofins-Lab.

Name / Title

Signature

Technical responsibility for area of testing:

2025-09-23

Albert Xu / Lab Manager



Date

Eurofins-Lab.

Name / Title

Signature

1.2 Testing laboratory

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

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The Laboratory has passed the Accreditation by the American Association for Laboratory Accreditation (A2LA). The Accreditation number is 5376.01

The Laboratory has been listed by industry Canada to perform electromagnetic emission measurements, The CAB identifier is CN0088

1.3 Details of applicant

Name	:	Shenzhen Libro Technology Co., Ltd.
Address	:	Room 501, West Tower, Twin Towers, Galaxy World, No. 8 Yaxing Road, Nankeng Community, Bantian Street, Long-gang District, Shenzhen, China
Telephone	:	./.
Fax	:	./.

1.4 Details of manufacturer

Name	:	Shenzhen Libro Technology Co., Ltd.
Address	:	Room 501, West Tower, Twin Towers, Galaxy World, No. 8 Yaxing Road, Nankeng Community, Bantian Street, Long-gang District, Shenzhen, China
Telephone	:	./.
Fax	:	./.

1.5 Application details

Date of receipt of application : 2025-04-28
 Date of receipt of test item : 2025-04-28
 Date of test : 2025-04-28 to 2025-09-23
 Date of issue : 2025-09-23

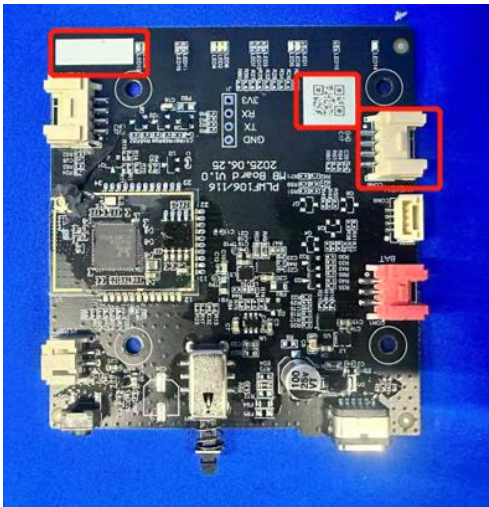
1.6 Test item

Product type : DOCKSTREAM 2 Smart Cordless Fountain
 Test Model : PLWF116, 6236116
 Sample ID : 250519-14-001
 Brand : PETLIBRO
 Serial number : ./.
 Ratings : AC Adapter (Input: 100-240V~ 50/60Hz, 0.2A; Output: DC 5.0V 1.0A, 5.0W); The battery: DC 3.6V
 Test voltage : DC 3.6V

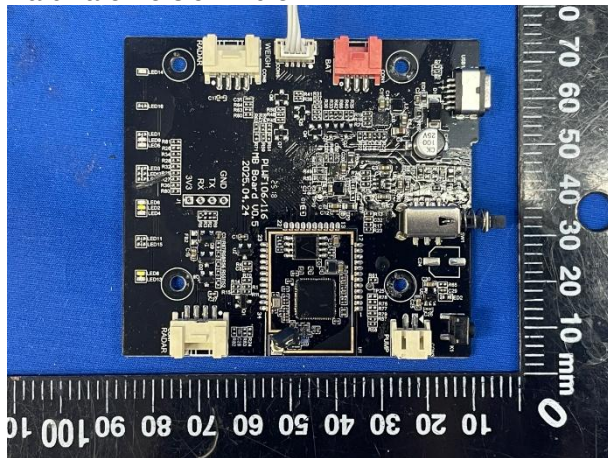
RadioTechnical data

Frequency range : 5725MHz – 5875MHz
 Radio Tech. : 5.8G SRD
 Frequency channel : CH1: 5843MHz
 Modulation : FMCW
 Antenna type : Internal antenna
 Additional information :

1. According to the declaration from the applicant, all models are identical except for the model name. Therefore full tests were performed on model PLWF116.
2. The product have 2 kinds of PCB are alternative.

	Difference
PCB 1 Hardware Version: V1.0 	1. Change the power switch position from VDD_IN to VBAT. 2. Optimize the GLF402 circuit to resolve the power loss issue when plugging/unplugging the USB. 3. Add a pull-down resistor R84 to GLF4020. 4. Add MARK points to the PCB.

PCB2 alternative
Hardware Version: V0.5



1.7 Test standards

Test Standards	
FCC Part 15 Subpart C December 16, 2020	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators

Test Method

- 1: ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.
- 2: ANSI C63.10-2020, American National Standard for Testing Unlicensed Wireless Devices.

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.



or

The deviations as specified were ascertained in the course of the tests performed.



2.2 Test environment

RF Conducted

Enviroment Parameter	Temperature	Relative Humidity
101.2Kpa	24.6	62.6%

Radiated

Enviroment Parameter	Temperature	Relative Humidity
101.2Kpa	23.7	51.7%

2.3 Measurement uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty in conducted measurements	1.96dB
Uncertainty for Conducted RF test	RF Power Conducted: 1.16dB Frequency test involved: 1.05×10 ⁻⁷ or 1%
Uncertainty for Radiated Spurious Emission 25MHz-3000MHz	Horizontal: 4.46dB; Vertical: 4.54dB;
Uncertainty for Radiated Spurious Emission 3000MHz-18000MHz	Horizontal: 4.42dB; Vertical: 4.41dB;
Uncertainty for Radiated Spurious Emission 18000MHz-40000MHz	Horizontal: 4.63dB; Vertical: 4.62dB;

2.4 Test mode

The EUT was set at continuously transmitting mode during the test.

2.5 Test equipment utilized

EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DUE DATE
23-2-13-05	EMI Test Receiver	ESR3	2026-03-25
23-2-13-06	LISN	NNLK 8127 RC	2026-03-25
23-2-10-16	Attenuator	VTSD 9561-F	2026-03-25
23-2-13-12	Signal Analyzer	N9010B-544	2026-03-25
23-2-13-13	BT/WLAN Tester	CMW270	2026-03-25
23-2-13-14	Signal Generator	N5183B-520	2026-03-25
23-2-13-15	Vector Signal Generator	N5182B-506	2026-03-25
23-2-10-43	Switch and Control Unit	ERIT-E-JS0806-2	2026-03-25
23-2-10-44	DC power supply	E3642A	2026-03-25
23-2-10-45	Temperature test chamber	SG-80-CC-2	2026-03-25
23-2-13-01	EMI Test Receiver	ESR7	2026-03-25
23-2-13-02	Signal Analyzer	N9020B-544	2026-03-25
23-2-12-01	Active Loop Antenna	FMZB 1519B	2025-06-03
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2025-06-03
23-2-12-03	Horn Antenna	3117	2025-06-03
23-2-12-04	Horn Antenna	BBHA 9170	2025-06-03
23-2-10-01	Preamplifier	BBV9745	2026-03-25
23-2-10-02	Preamplifier	TAP01018048	2026-03-25
23-2-10-03	Preamplifier	TAP18040048	2026-03-25
23-2-10-14	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A

2.6 Auxiliary Equipment Used during Test:

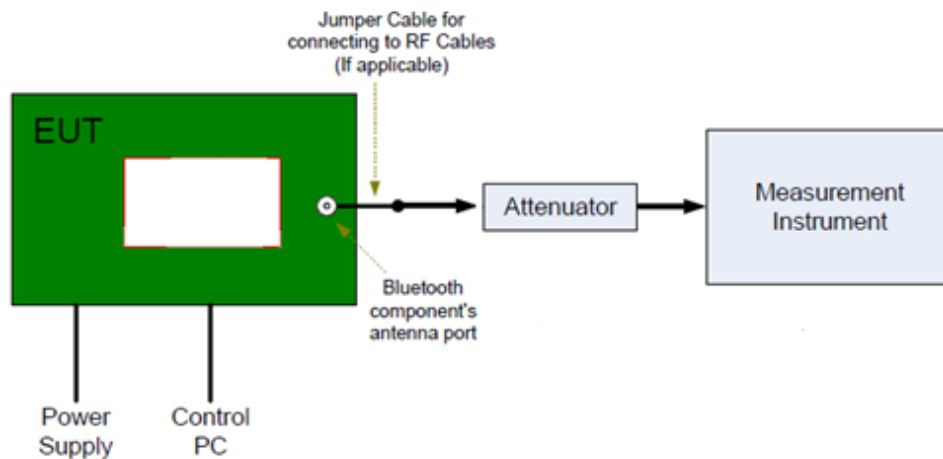
DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test software information:

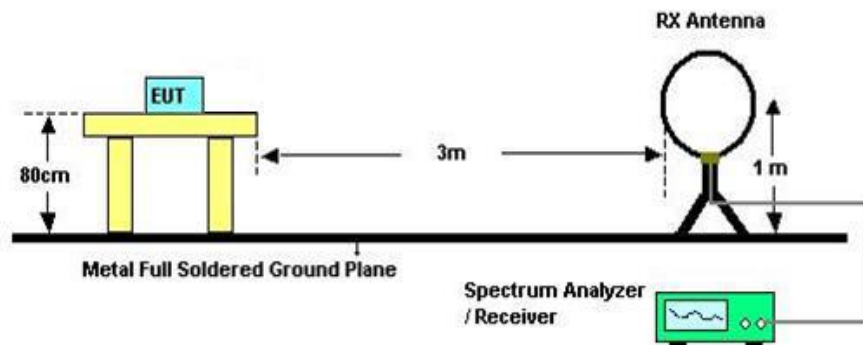
Test Software Version	N.A		
Modulation	Setting TX Power	TX Pattern	Packet Type
FMCW	DEF	TX Packet	N.A

2.8 Test setup

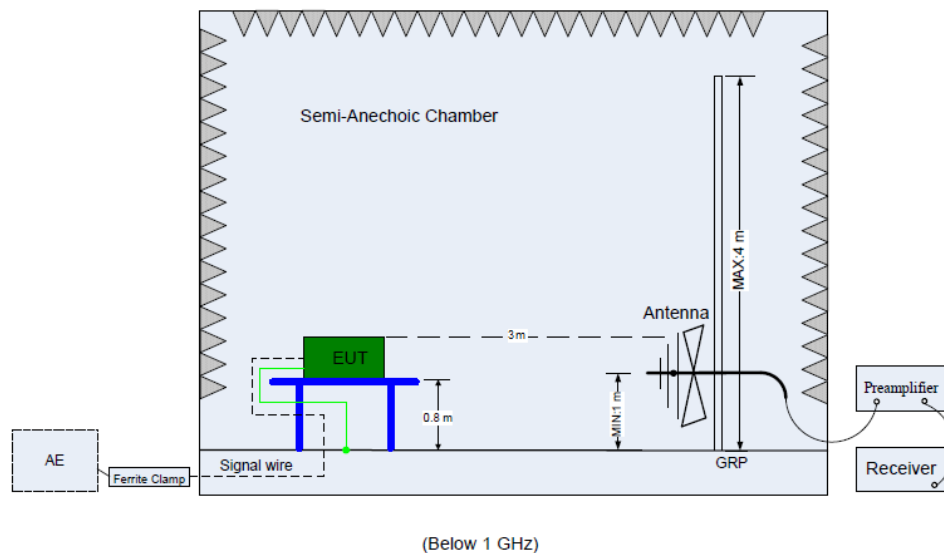
Setup diagram for conducted tests



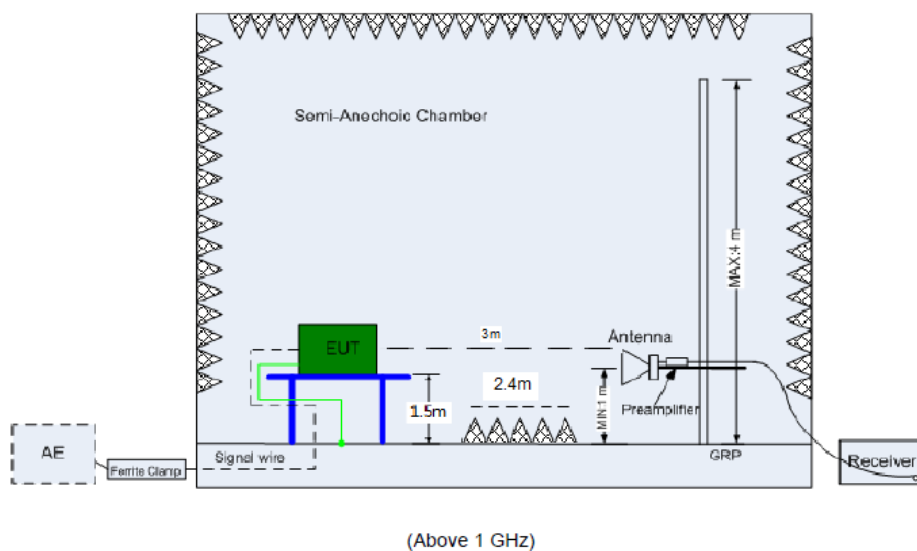
Setup diagram for radiated tests below 30MHz



Setup diagram for radiated tests below 1GHz



Setup diagram for radiated tests above 1GHz



2.9 Test results

☒ 1st test

☐ test after modification

☐ production test

Technical Requirements				
FCC Part 15 Subpart C				
Test Condition		Test Result	Verdict	Test Site
§15.207	Conducted emission AC power port	See page 13	Pass	Site 1
§15.215(c)(1)	20dB bandwidth	See page 18	Pass	Site 1
§15.249(a)&(d)&§15.209 &§15.205	Radiated emission	See page 22	Pass	Site 1
§15.203	Antenna requirement	See note 1	Pass	--

Remark 1: N/A – Not Applicable.

Note 1: The EUT uses internal antenna. According to §15.203, it is considered sufficiently to comply with the provisions of this section.

3 Technical requirement and result

3.1 Conducted emission AC power port

Test Method:

The test method was referred to the subclause 6.2 of ANSI C63.10-2020.

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both Neutral and Live lines.

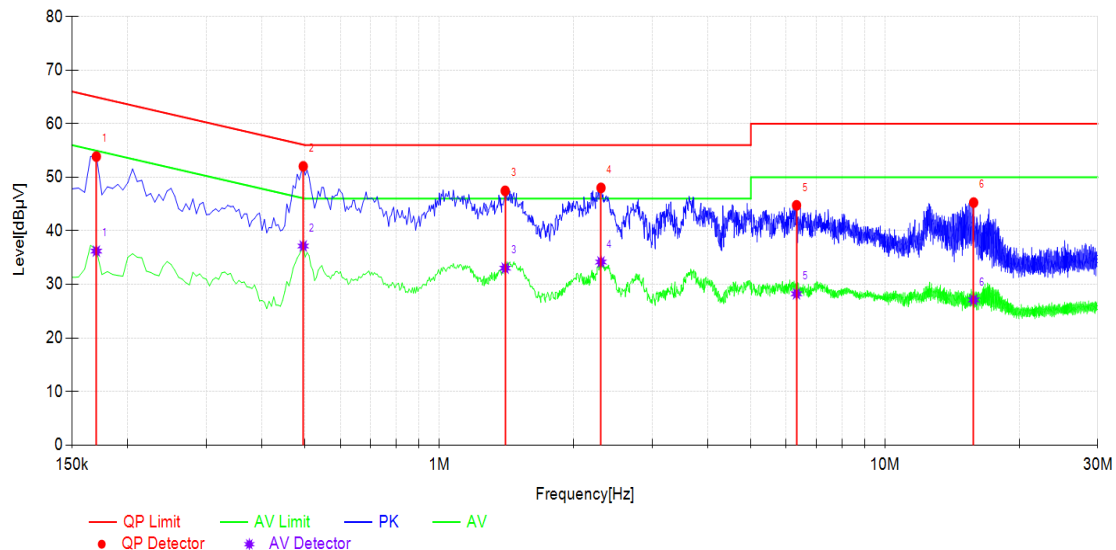
Limit:

FCC §15.207 (a)

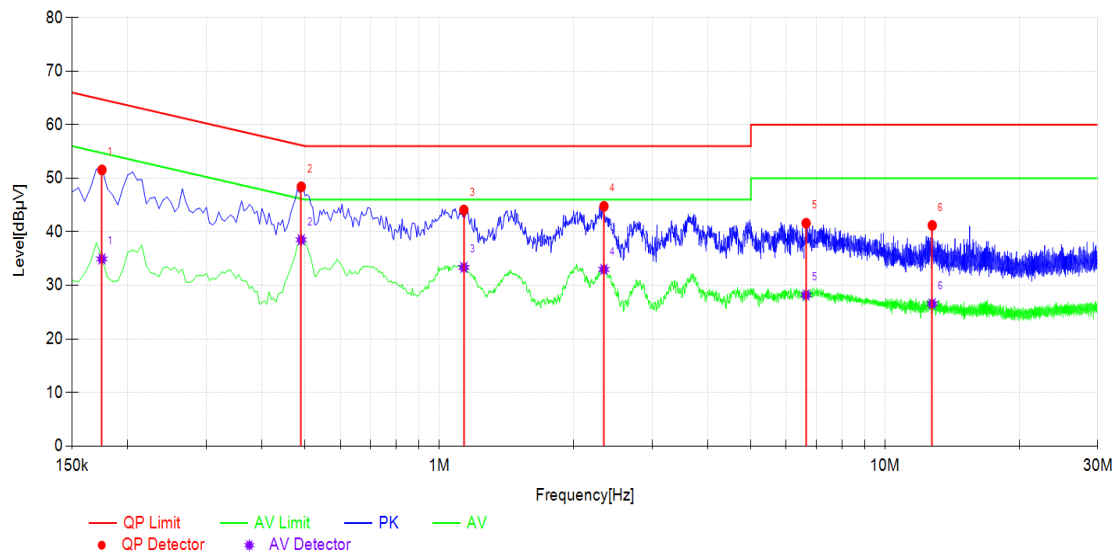
RSS-Gen 8.8

Frequency	QP Limit	AV Limit
MHz	dB μ V	dB μ V
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

Decreasing linear

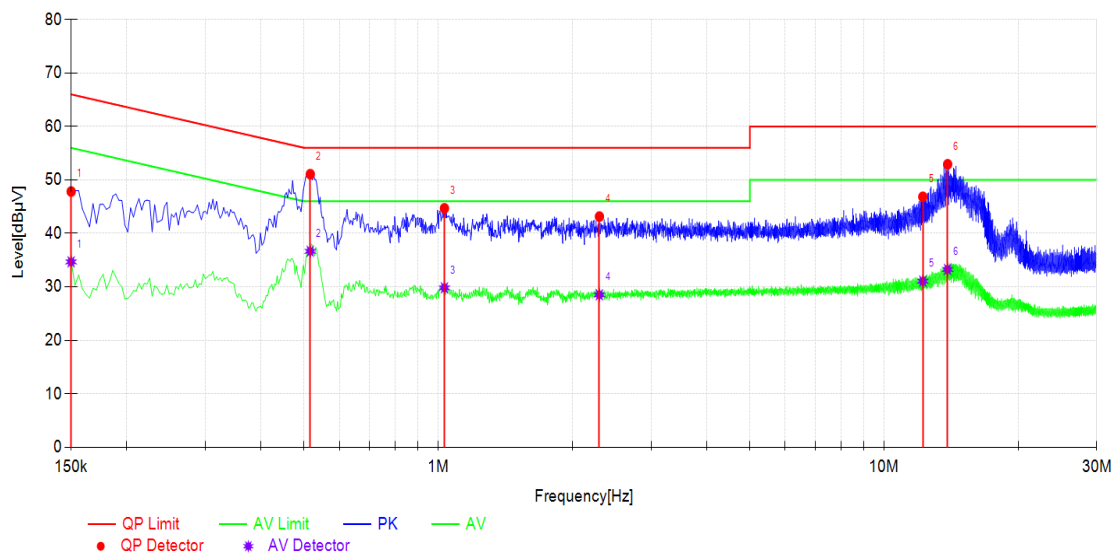
Test Result:
PCB 1


Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.17	10.35	53.87	64.96	11.09	36.22	54.96	18.74	N	PASS
2	0.495	10.25	52.04	56.08	4.04	37.17	46.08	8.91	N	PASS
3	1.405	10.31	47.47	56.00	8.53	33.04	46.00	12.96	N	PASS
4	2.305	10.38	48.02	56.00	7.98	34.18	46.00	11.82	N	PASS
5	6.33	10.42	44.76	60.00	15.24	28.25	50.00	21.75	N	PASS
6	15.805	10.66	45.28	60.00	14.72	27.11	50.00	22.89	N	PASS

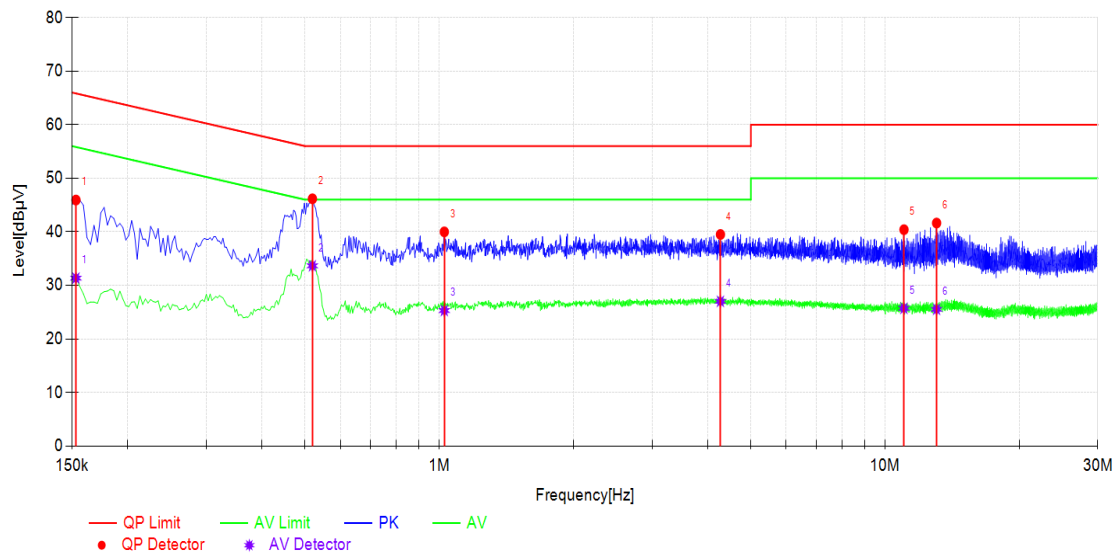


Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.175	10.30	51.57	64.72	13.15	34.95	54.72	19.77	L1	PASS
2	0.49	10.25	48.42	56.17	7.75	38.51	46.17	7.66	L1	PASS
3	1.135	10.35	44.09	56.00	11.91	33.36	46.00	12.64	L1	PASS
4	2.34	10.28	44.77	56.00	11.23	32.99	46.00	13.01	L1	PASS
5	6.65	10.41	41.61	60.00	18.39	28.20	50.00	21.80	L1	PASS
6	12.76	10.51	41.21	60.00	18.79	26.57	50.00	23.43	L1	PASS

PCB 2



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.15	10.25	47.84	66.00	18.16	34.68	56.00	21.32	L1	PASS
2	0.516	10.25	51.08	56.00	4.92	36.66	46.00	9.34	L1	PASS
3	1.032	10.36	44.70	56.00	11.30	29.82	46.00	16.18	L1	PASS
4	2.298	10.28	43.16	56.00	12.84	28.52	46.00	17.48	L1	PASS
5	12.217	10.49	46.85	60.00	13.15	31.07	50.00	18.93	L1	PASS
6	13.888	10.53	52.93	60.00	7.07	33.26	50.00	16.74	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.153	10.35	45.95	65.84	19.89	31.36	55.84	24.48	N	PASS
2	0.519	10.25	46.18	56.00	9.82	33.66	46.00	12.34	N	PASS
3	1.026	10.26	40.00	56.00	16.00	25.31	46.00	20.69	N	PASS
4	4.272	10.40	39.52	56.00	16.48	27.02	46.00	18.98	N	PASS
5	11.026	10.49	40.41	60.00	19.59	25.73	50.00	24.27	N	PASS
6	13.051	10.57	41.65	60.00	18.35	25.54	50.00	24.46	N	PASS

3.2 20 dB bandwidth

Test Method:

The test method was referred to the subclause 6.9.2 of ANSI C63.10-2020.

The occupied bandwidth is measured as the width of the spectral envelope of the modulated signal, at an amplitude level reduced from a reference value by a specified ratio (or in decibels, a specified number of dB down from the reference value). Typical ratios, expressed in dB, are -6 dB, -20 dB, and -26 dB, corresponding to 6 dB BW, 20 dB BW, and 26 dB BW, respectively. In this subclause, the ratio is designated by “-xx dB.” The reference value is either the level of the unmodulated carrier or the highest level of the spectral envelope of the modulated signal, as stated by the applicable requirement. Some requirements might specify a specific maximum or minimum value for the “-xx dB” bandwidth; other requirements might specify that the “-xx dB” bandwidth be entirely contained within the authorized or designated frequency band.

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Steps a) through c) might require iteration to adjust within the specified tolerances.
- e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target “-xx dB down” requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value.
- f) Set detection mode to peak and trace mode to max hold.
- g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).
- h) Determine the “-xx dB down amplitude” using $[(\text{reference value}) - xx]$. Alternatively, this calculation may be made by using the marker-delta function of the instrument.
- i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j).
- j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-xx dB down amplitude” determined in step h). If a marker is below this “-xx dB down amplitude” value, then it shall be as close as possible to this value. The occupied bandwidth is the frequency difference between the two markers. Alternatively, set a marker at the lowest frequency of the envelope of the spectral display, such that the marker is at or slightly below the “-xx dB down amplitude” determined in step h). Reset the marker-delta function and move the marker to the other side of the emission until the delta marker amplitude is at the same level as the reference marker amplitude. The marker-delta frequency reading at this point is the specified emission bandwidth.
- k) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Limit:

None; for reporting purposes only.

Test Result:

Channel	20db EBW[MHz]	Verdict
5.8GHz	2.848	PASS



3.3 Radiated emission

Test Method:

The test method was referred to the subclause 11.11/11.12 of ANSI C63.10-2020.

- 1: The EUT was placed on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2: The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.
- 3: The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4: For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5: Use the following spectrum analyzer settings According to C63.10:

For Above 1GHz

Span = wide enough to capture the peak level of the in-band emission and all spurious
RBW = 1MHz, VBW ≥ RBW for peak measurement and VBW = 10Hz for average measurement, Sweep = auto, Detector function = peak, Trace = max hold.

For Below 1GHz

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious
RBW = 100 KHz, VBW ≥ RBW for peak measurement, Sweep = auto, Detector function = peak, Trace = max hold.

For Below 30MHz

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious
RBW = 200 Hz, VBW ≥ RBW from 9KHz to 0.15MHz, RBW 9KHz VBW ≥ RBW from 0.15MHz to 30MHz for peak measurement, Sweep = auto, Detector function = peak, Trace = max hold.

Note:

- 1: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 KHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for peak detection (PK) at frequency above 1GHz.
- 3: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average ((duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor ($20\log(1/\text{duty cycle})$).
- 4: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
- 5: When duty cycle < 98%, The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\text{VBW} \geq 1 / T$, the T is transmission duration (T).

Limit:

FCC §15.209

Frequency Range (MHz)	Field Strength Limit ($\mu\text{V/m}$) at 3 m	Field Strength Limit (dB $\mu\text{V/m}$) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

§15.205 Restricted bands of operation

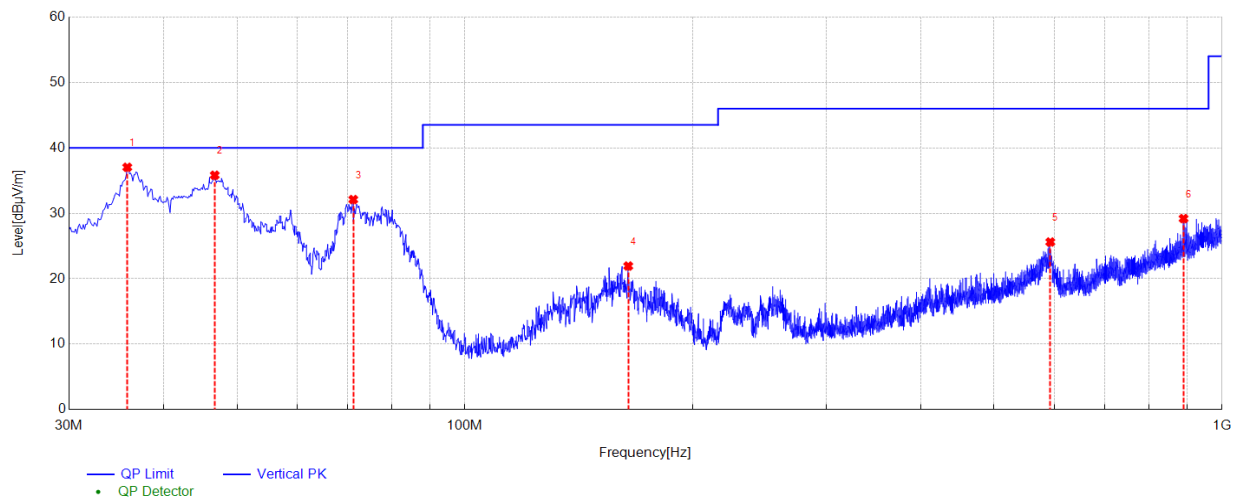
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	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	156.52475-156.52525	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	
13.36-13.41			

FCC §15.249(a)

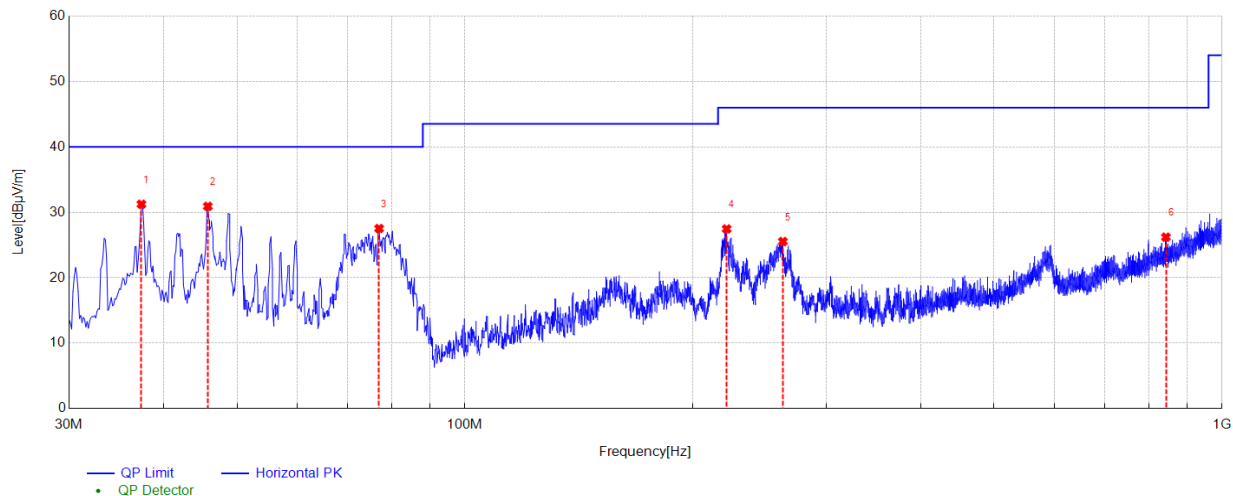
Fundamental frequency	Field strength of fundamental (mV/m)	Field strength of fundamental (dBμV/m)	Field strength of harmonics (μV/m)	Field strength of harmonics (dBμV/m)
902-928 MHz	50	94	500	54
2400-2483.5 MHz	50	94	500	54
5725-5875 MHz	50	94	500	54
24.0-24.25 GHz	250	128	2500	68

Test Result:

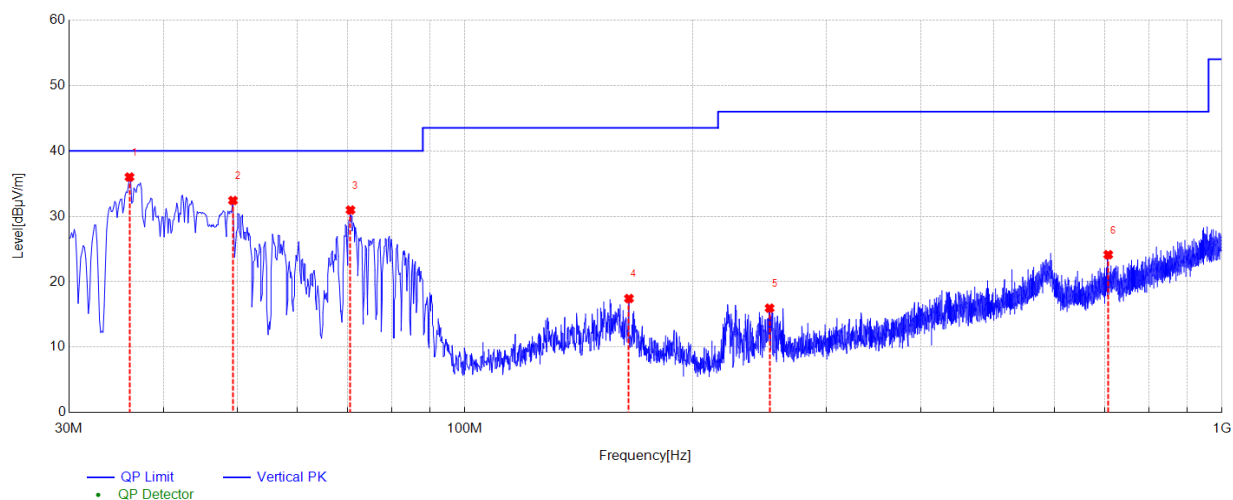
PCB 1



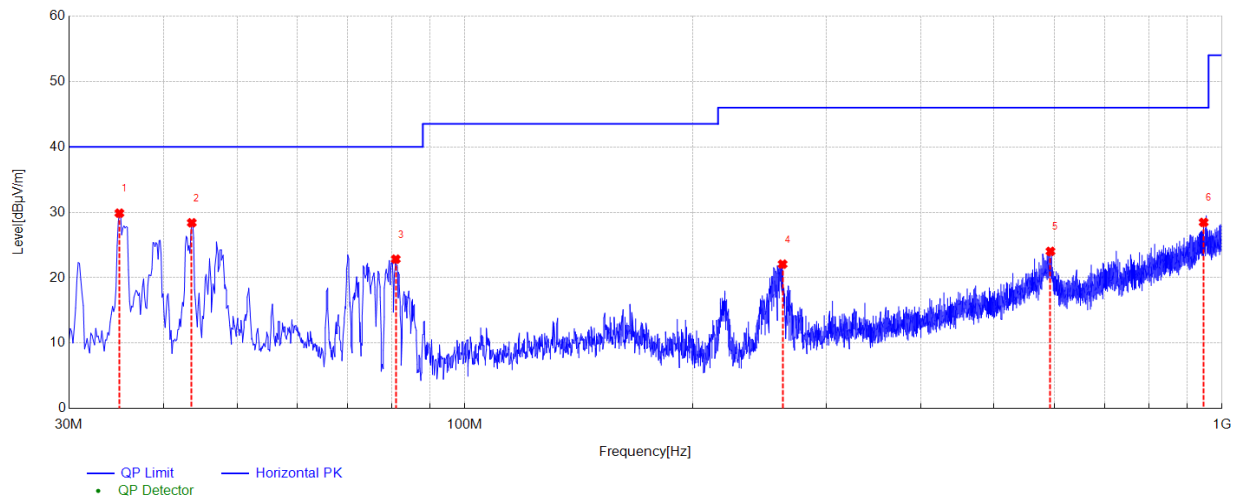
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	35.8200	37.04	-16.39	40.00	2.96	100	22	Vertical	PASS
2	46.7325	35.83	-16.22	40.00	4.17	100	184	Vertical	PASS
3	71.2250	32.11	-19.05	40.00	7.89	100	140	Vertical	PASS
4	164.345	21.95	-16.22	43.50	21.55	100	106	Vertical	PASS
5	593.206	25.62	-9.15	46.00	20.38	100	330	Vertical	PASS
6	889.662	29.20	-3.09	46.00	16.80	100	322	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	37.3962	31.24	-16.29	40.00	8.76	100	10	Horizontal	PASS
2	45.7625	30.92	-16.19	40.00	9.08	100	10	Horizontal	PASS
3	77.0450	27.53	-19.69	40.00	12.47	100	195	Horizontal	PASS
4	221.696	27.47	-19.42	46.00	18.53	100	281	Horizontal	PASS
5	263.042	25.54	-17.40	46.00	20.46	100	25	Horizontal	PASS
6	843.102	26.21	-4.58	46.00	19.79	100	279	Horizontal	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	36.0625	36.00	-16.38	40.00	4.00	100	270	Vertical	PASS
2	49.4000	32.42	-16.39	40.00	7.58	100	140	Vertical	PASS
3	70.6188	30.97	-18.89	40.00	9.03	100	310	Vertical	PASS
4	164.708	17.44	-16.24	43.50	26.06	100	310	Vertical	PASS
5	252.615	15.97	-17.91	46.00	30.03	100	320	Vertical	PASS
6	707.423	24.14	-6.90	46.00	21.86	100	80	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	34.9712	29.88	-16.40	40.00	10.12	100	340	Horizontal	PASS
2	43.5800	28.41	-16.12	40.00	11.59	100	330	Horizontal	PASS
3	81.0462	22.85	-20.01	40.00	17.15	100	170	Horizontal	PASS
4	262.800	22.09	-17.40	46.00	23.91	100	50	Horizontal	PASS
5	593.448	24.04	-9.16	46.00	21.96	100	180	Horizontal	PASS
6	945.680	28.47	-1.83	46.00	17.53	100	240	Horizontal	PASS

Mode:	5.8GHz
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1234	40.68	0.25	74.00	33.32	150	99	Horizontal
2	1924	45.25	6.32	74.00	28.75	150	216	Horizontal
3	4530	42.80	-14.62	74.00	31.20	150	141	Horizontal
4	6006	44.27	-11.51	74.00	29.73	150	336	Horizontal
5	7998	47.02	-9.14	74.00	26.98	150	324	Horizontal
6	12528	49.21	-1.43	74.00	24.79	150	223	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	41.16	0.07	74.00	32.84	150	226	Vertical
2	1936	46.34	6.28	74.00	27.66	150	290	Vertical
3	4734	46.24	-13.46	74.00	27.76	150	143	Vertical
4	7113	46.76	-10.28	74.00	27.24	150	29	Vertical
5	10353	47.76	-5.63	74.00	26.24	150	95	Vertical
6	15648	51.72	2.34	74.00	22.28	150	349	Vertical

Bandedge

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	5350	15.60	51.12	74.00	22.88	38.66	54.00	15.34	150	140	Horizontal	PASS
2	5360.89	15.82	54.35	74.00	19.65	47.30	54.00	6.70	150	41	Horizontal	PASS
3	5368.48	15.50	53.96	74.00	20.04	48.23	54.00	5.77	150	321	Horizontal	PASS
4	5418.97	16.67	53.77	74.00	20.23	47.24	54.00	6.76	150	284	Horizontal	PASS
6	5725	17.23	54.23	74.00	19.77	41.98	54.00	12.02	150	55	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	5875	17.24	57.93	74.00	16.07	47.65	54.00	6.35	100	100	Horizontal	PASS
2	5900.8701	17.45	57.81	74.00	16.19	47.47	54.00	6.53	100	310	Horizontal	PASS
3	5919.912	17.52	58.57	74.00	15.43	47.88	54.00	6.12	100	310	Horizontal	PASS
4	5948.6149	18.00	58.30	74.00	15.70	47.40	54.00	6.60	100	320	Horizontal	PASS
5	5976.6977	18.01	57.72	74.00	16.28	47.50	54.00	6.50	100	70	Horizontal	PASS
6	6000	17.82	57.30	74.00	16.70	47.20	54.00	6.80	100	30	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB μ V/m]	PK Limit [dB μ V/m]	PK Margin [dB]	AV Value [dB μ V/m]	AV Limit [dB μ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	5350	15.60	51.36	74.00	22.64	44.39	54.00	9.61	150	26	Vertical	PASS
3	5414.57	16.48	54.61	74.00	19.39	46.79	54.00	7.21	150	342	Vertical	PASS
4	5419.41	16.72	55.34	74.00	18.66	46.79	54.00	7.21	150	334	Vertical	PASS
5	5424.47	16.71	54.68	74.00	19.32	46.96	54.00	7.04	150	291	Vertical	PASS
6	5725	17.23	53.73	74.00	20.27	44.41	54.00	9.59	150	129	Vertical	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB μ V/m]	PK Limit [dB μ V/m]	PK Margin [dB]	AV Value [dB μ V/m]	AV Limit [dB μ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	5875	17.24	57.80	74.00	16.20	47.61	54.00	6.39	100	240	Vertical	PASS
2	5898.7099	17.43	57.72	74.00	16.28	47.56	54.00	6.44	100	10	Vertical	PASS
3	5932.1132	17.84	58.09	74.00	15.91	47.87	54.00	6.13	100	120	Vertical	PASS
4	5955.3955	18.03	57.26	74.00	16.74	47.23	54.00	6.77	100	120	Vertical	PASS
5	5986.5587	17.86	57.01	74.00	16.99	46.05	54.00	7.95	100	120	Vertical	PASS
6	6000	17.80	56.59	74.00	17.41	45.89	54.00	8.11	100	290	Vertical	PASS

Field strength of fundamental

PK Data List								
NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5843.7	87.14	14.82	114.00	26.86	200	184	Horizontal
2	5843.5	90.36	14.82	114.00	23.64	200	205	Vertical

-END OF REPORT-