

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

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: Remote control

Model name: X80, X28, X29, X30, X31, X33, X50, X60, X61, X62, X65, X66, X80, X69, X81, X82, X83, X85, X86, X87, X88, X89, X90, X39, L6082, X38, X39, HK22, HK33, HK66, HK55, HK88, HK99, DI1, DI2, DI3, DI5, DI6, DI8, DI9, DI99, DI98, PK01, PK02, PK03, PK05, PK06, G110, G120, G130, G150, G160, G170, G180, G190, P100, P200, P300, P500, P600, P800, P900

FCC ID: 2BF7B-P

Test Report Number: EFGX25080009-IE-01-E01

1	General Information	3
1.1	Notes	3
1.2	Testing laboratory	4
1.3	Details of applicant	4
1.4	Details of manufacturer	4
1.5	Application details	5
1.6	Test item	5
1.7	Test standards	5
2	Technical test	6
2.1	Summary of test results	6
2.2	Test environment	6
2.3	Measurement uncertainty	6
2.4	Test mode	7
2.5	Test equipment utilized	8
2.6	Auxiliary Equipment Used during Test:	8
2.7	Test software information:	8
2.8	Test setup	9
2.9	Test results	11
3	Technical requirement and result	12
3.1	Conducted emission AC power port	12
3.2	20 dB bandwidth	15
3.3	Radiated emission	18

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:

2025-11-13

Bruce Zheng / Project Engineer



Date

Eurofins-Lab.

Name / Title

Signature

Technical responsibility for area of testing:

2025-11-13

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	:	Shantou Xintuo Intelligent Technology Co, Ltd
Address	:	Fengxiang Street, Donghu Qiaohong Road, Chenghai District, Shantou City, Cihna
Telephone	:	./.
Fax	:	./.

1.4 Details of manufacturer

Name	:	Shantou Xintuo Intelligent Technology Co, Ltd
Address	:	Fengxiang Street, Donghu Qiaohong Road, Chenghai District, Shantou City, Cihna
Telephone	:	./.
Fax	:	./.

1.5 Application details

Date of receipt of application : 2025-09-03
Date of receipt of test item : 2025-09-03
Date of test : 2025-09-03 to 2025-11-13
Date of issue : 2025-11-13

1.6 Test item

Product type	: Remote control
Model name	: X80, X28, X29, X30, X31, X33, X50, X60, X61, X62, X65, X66, X80, X69, X81, X82, X83, X85, X86, X87, X88, X89, X90, X39, L6082, X38, X39, HK22, HK33, HK66, HK55, HK88, HK99, DI1, DI2, DI3, DI5, DI6, DI8, DI9, DI99, DI98, PK01, PK02, PK03, PK05, PK06, G110, G120, G130, G150, G160, G170, G180, G190, P100, P200, P300, P500, P600, P800, P900
Brand	: ./.
Sample ID	: 250901-49-002
Serial number	: ./.
Ratings	: DC 5V for USB DC 3.7V for Battery
HW Version	XQ-LS-X39GPSTX
SW Version	XQ-LS-X39GPSTX
Test voltage	: 3.7Vdc
Additional information	: ./.

RadioTechnical data

Frequency range	: 2405MHz – 2475MHz
Radio Tech.	: 2.4G SRD
Frequency channel	: 71
Modulation	: GFSK
Antenna type	: Internal antenna

1.7 Test standards

Test Standards	
FCC Part 15 Subpart C	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

Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2405	24	2429	48	2453
1	2406	25	2430	49	2454
2	2407	26	2431	50	2455
3	2408	27	2432	51	2456
4	2409	28	2433	52	2457
5	2410	29	2434	53	2458
6	2411	30	2435	54	2459
7	2412	31	2436	55	2460
8	2413	32	2437	56	2461
9	2414	33	2438	57	2462
10	2415	34	2439	58	2463
11	2416	35	2440	59	2464
12	2417	36	2441	60	2465
13	2418	37	2442	61	2466
14	2419	38	2443	62	2467
15	2420	39	2444	63	2468
16	2421	40	2445	64	2469
17	2422	41	2446	65	2470
18	2423	42	2447	66	2471
19	2424	43	2448	67	2472
20	2425	44	2449	68	2473
21	2426	45	2450	69	2474
22	2427	46	2451	70	2475
23	2428	47	2452	/	/

The EUT was set at continuously transmitting mode (2405MHz,2440MHz,2475MHz) 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	2026-05-05
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2026-05-05
23-2-12-03	Horn Antenna	3117	2026-05-05
23-2-12-04	Horn Antenna	BBHA 9170	2026-05-05
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:

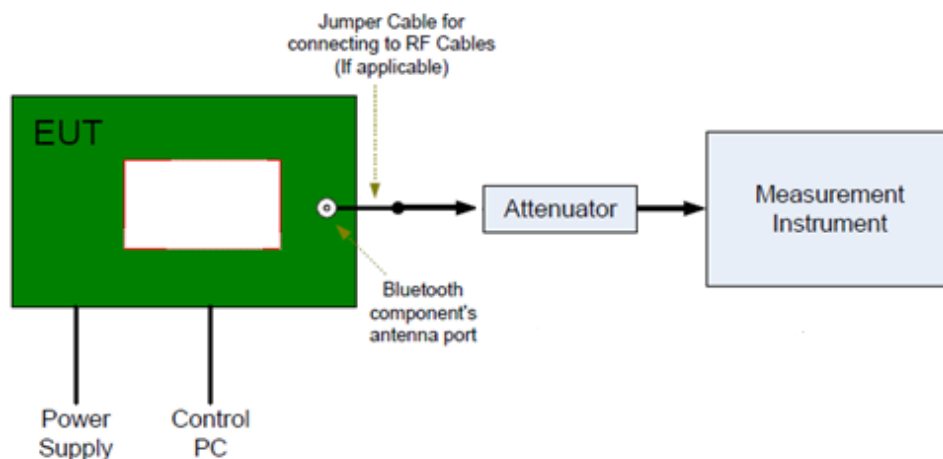
DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test software information:

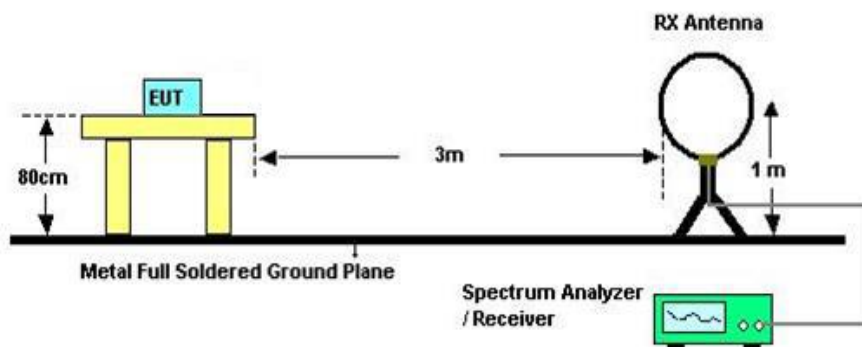
Test Software Version	Key switch		
Modulation	Setting TX Power	TX Pattern	Packet Type
GFSK	DEF	TX Packet	1M

2.8 Test setup

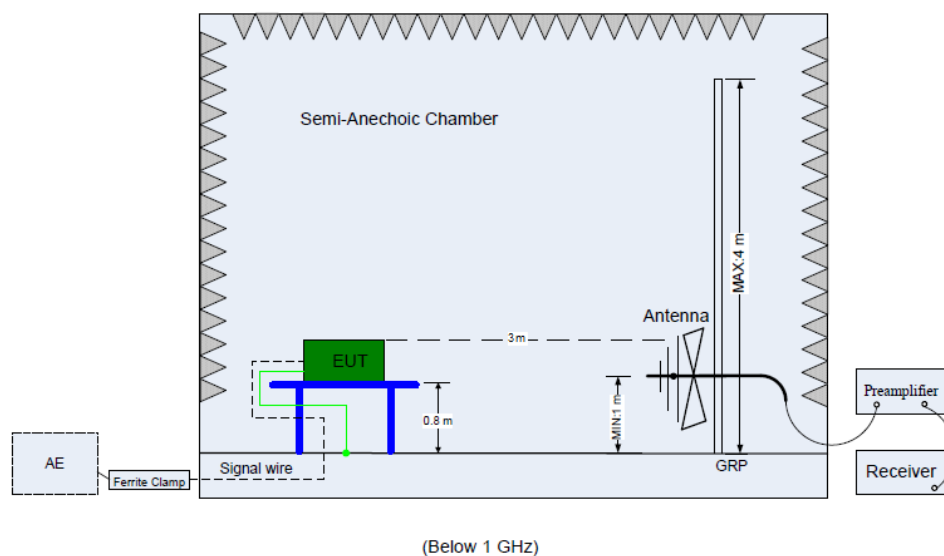
Setup diagram for conducted tests



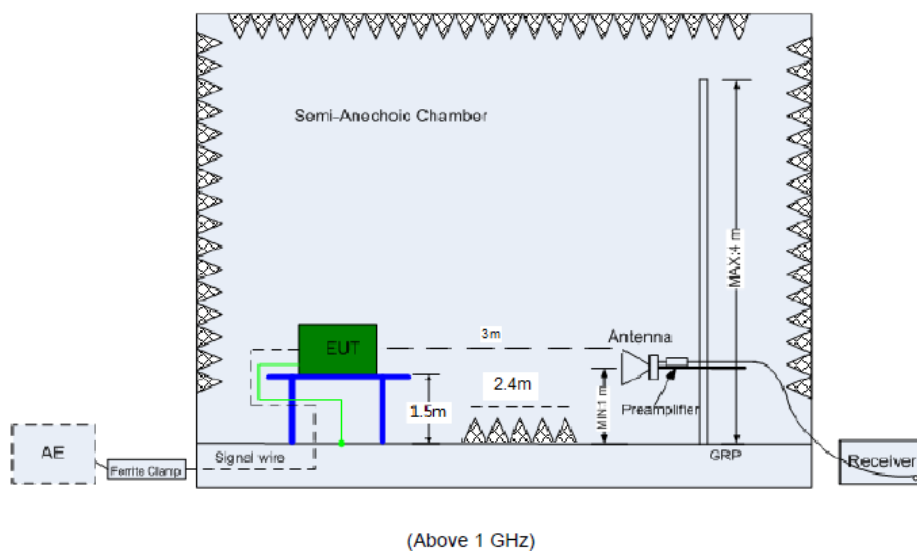
Setup diagram for radiated tests below 30MHz



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 12	Pass	Site 1
§15.249(a)&(d)&§15.209 &§15.205	Radiated emission	See page 16	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.

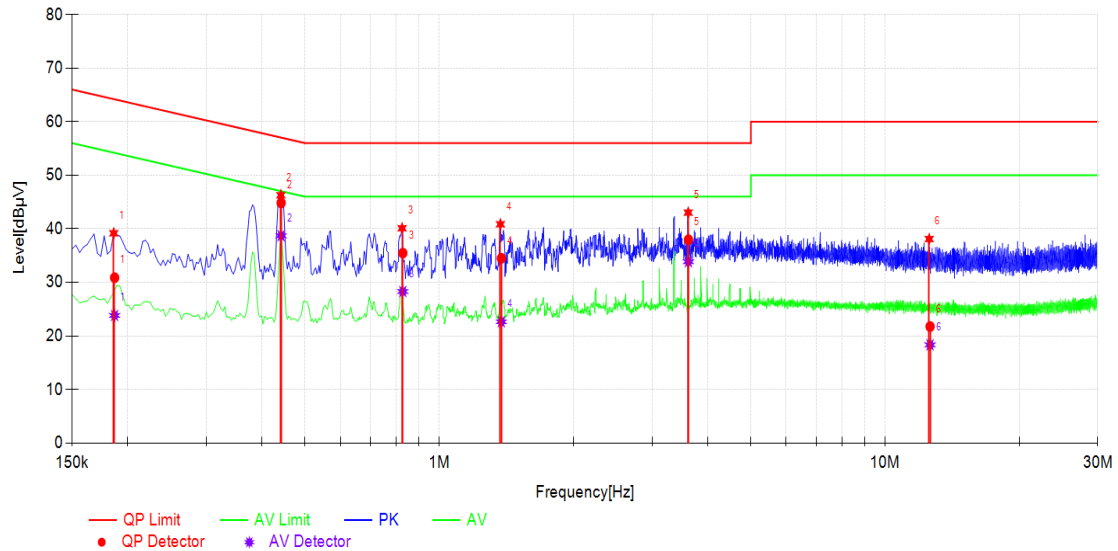
Limit:

FCC §15.207 (a)

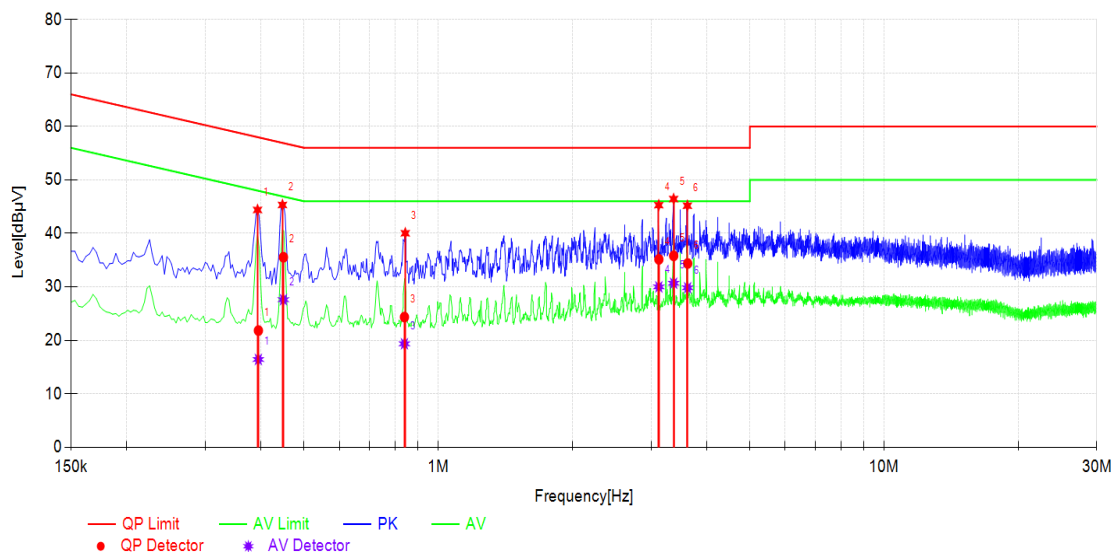
Frequency	QP Limit	AV Limit
MHz	dB μ V	dB μ V
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

Decreasing linear.

Test Result:



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]	Polarity	Verdict
1	0.1868	10.32	30.88	64.18	33.30	23.83	54.18	30.35	L1	PASS
2	0.4415	10.27	44.85	57.03	12.18	38.71	47.03	8.32	L1	PASS
3	0.8280	10.30	35.48	56.00	20.52	28.30	46.00	17.70	L1	PASS
4	1.3776	10.33	34.51	56.00	21.49	22.65	46.00	23.35	L1	PASS
5	3.6213	10.30	37.97	56.00	18.03	33.86	46.00	12.14	L1	PASS
6	12.6187	10.50	21.77	60.00	38.23	18.34	50.00	31.66	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]	Polarity	Verdict
1	0.3947	10.29	21.84	57.96	36.12	16.43	47.96	31.53	N	PASS
2	0.4492	10.27	35.55	56.89	21.34	27.61	46.89	19.28	N	PASS
3	0.8393	10.26	24.36	56.00	31.64	19.36	46.00	26.64	N	PASS
4	3.1245	10.39	35.15	56.00	20.85	30.00	46.00	16.00	N	PASS
5	3.3727	10.39	35.81	56.00	20.19	30.68	46.00	15.32	N	PASS
6	3.6256	10.40	34.38	56.00	21.62	29.83	46.00	16.17	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.

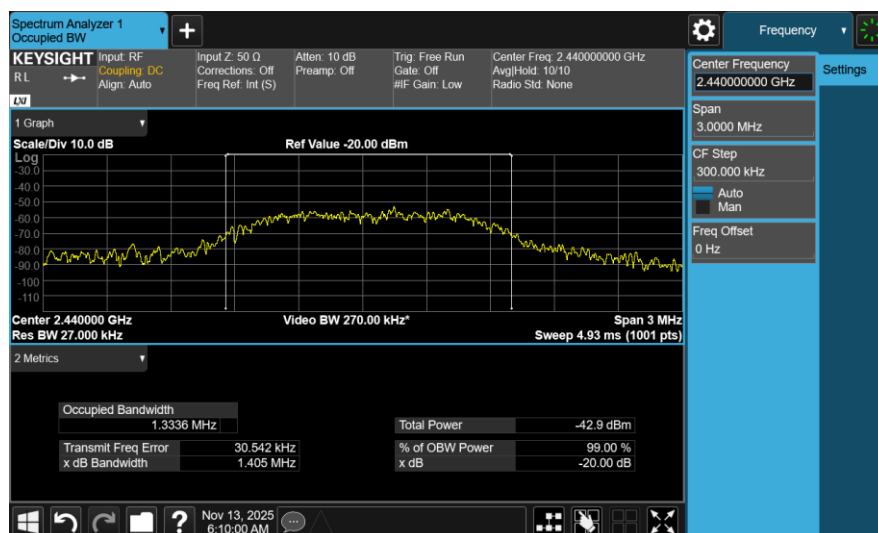
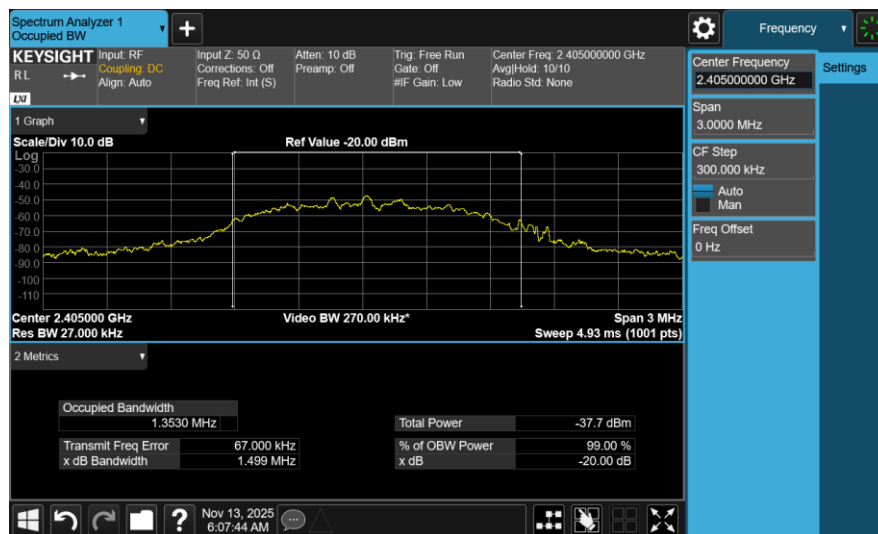
- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and 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).

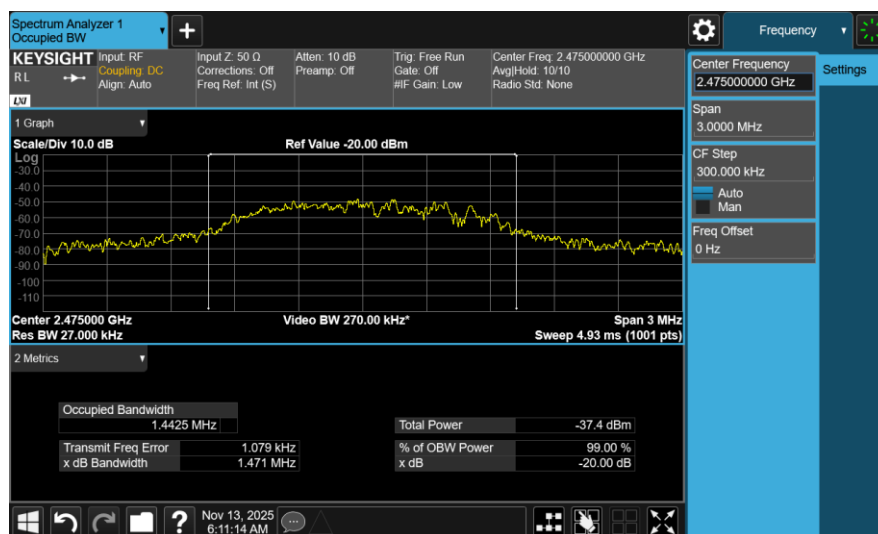
Limit:

None; for reporting purposes only.

Test Result:

Channel	20db EBW[MHz]	Verdict
2405	1.499	PASS
2440	1.405	PASS
2475	1.471	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

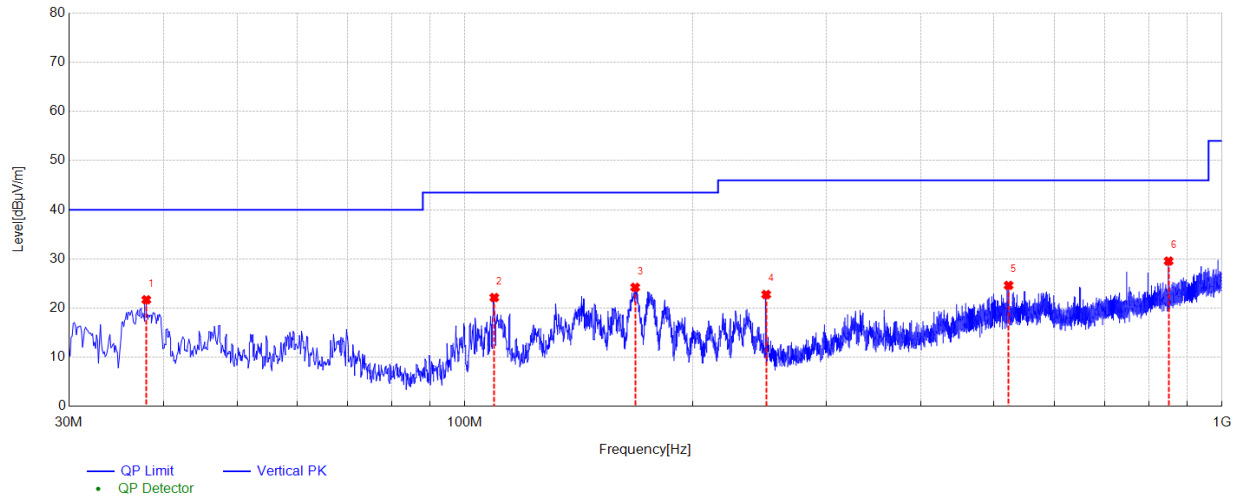
§15.205 Restricted bands of operation

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			

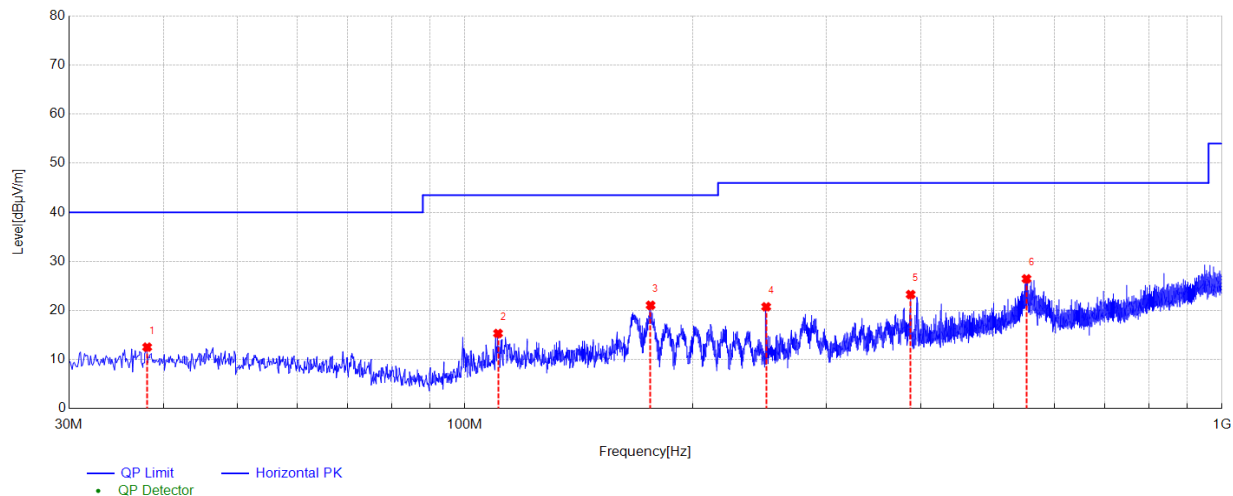
FCC §15.249(a)

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:



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	37.9548	21.70	-16.29	40.00	18.30	100	330	Vertical	PASS
2	109.353	22.15	-18.95	43.50	21.35	100	240	Vertical	PASS
3	167.850	24.23	-16.52	43.50	19.27	100	350	Vertical	PASS
4	250.018	22.77	-17.97	46.00	23.23	100	220	Vertical	PASS
5	522.518	24.63	-11.08	46.00	21.37	100	150	Vertical	PASS
6	850.120	29.57	-4.56	46.00	16.43	100	30	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	38.0518	12.54	-16.28	40.00	27.46	100	190	Horizontal	PASS
2	110.615	15.34	-18.84	43.50	28.16	100	60	Horizontal	PASS
3	175.902	21.07	-17.43	43.50	22.43	100	120	Horizontal	PASS
4	250.018	20.76	-17.97	46.00	25.24	100	250	Horizontal	PASS
5	387.965	23.26	-13.97	46.00	22.74	100	250	Horizontal	PASS
6	551.815	26.46	-10.31	46.00	19.54	100	350	Horizontal	PASS

Mode:	2405
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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	1200.4	2.57	47.79	74.00	26.21	47.06	54.00	6.94	150	180	Horizontal	PASS
2	2296.4	7.02	44.13	74.00	29.87	42.63	54.00	11.37	150	69	Horizontal	PASS
3	4518	-14.63	40.57	74.00	33.43	37.56	54.00	16.44	150	70	Horizontal	PASS
4	8197.5	-9.36	42.89	74.00	31.11	36.61	54.00	17.39	150	75	Horizontal	PASS
5	10116.75	-6.26	44.77	74.00	29.23	42.66	54.00	11.34	150	112	Horizontal	PASS
6	12392.25	-2.24	47.08	74.00	26.92	44.26	54.00	9.74	150	75	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	1290.4	2.80	40.67	74.00	33.33	38.62	54.00	15.38	150	235	Vertical	PASS
2	1877.6	6.14	42.25	74.00	31.75	41.97	54.00	12.03	150	32	Vertical	PASS
3	4936.5	-13.74	41.73	74.00	32.27	38.04	54.00	15.96	150	293	Vertical	PASS
4	6906.75	-11.35	43.70	74.00	30.30	40.79	54.00	13.21	150	16	Vertical	PASS
5	10384.2863	-5.84	55.49	74.00	18.51	53.66	54.00	0.34	150	360	Vertical	PASS
6	14375.25	0.63	48.09	74.00	25.91	45.89	54.00	8.11	150	139	Vertical	PASS

Mode:	2440
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1200.4	46.78	2.57	74.00	27.22	150	182	Horizontal
2	1900.8	45.58	6.24	74.00	28.42	150	131	Horizontal
3	4937.25	44.76	-13.74	74.00	29.24	150	43	Horizontal
4	7630.5	45.53	-10.53	74.00	28.47	150	4	Horizontal
5	10596.7	48.07	-5.11	74.00	25.93	150	89	Horizontal
6	11429.2	48.89	-3.64	74.00	25.11	150	137	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1336.8	43.03	2.41	74.00	30.97	150	169	Vertical
2	1752.8	43.47	4.39	74.00	30.53	150	131	Vertical
3	4038	42.42	-15.67	74.00	31.58	150	100	Vertical
4	6906.75	46.31	-11.35	74.00	27.69	150	31	Vertical
5	9626.25	46.21	-7.00	74.00	27.79	150	179	Vertical
6	11382.7	49.31	-3.74	74.00	24.69	150	140	Vertical

Mode:	2475
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1301.6	43.11	2.72	74.00	30.89	150	90	Horizontal
2	1741.6	43.29	4.27	74.00	30.71	150	110	Horizontal
3	4912.5	44.96	-12.93	74.00	29.04	150	40	Horizontal
4	6256.5	44.91	-10.78	74.00	29.09	150	70	Horizontal
5	9073.5	45.15	-8.08	74.00	28.85	150	170	Horizontal
6	11346	48.38	-4.23	74.00	25.62	150	100	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.8	42.72	2.49	74.00	31.28	150	40	Vertical
2	1624.4	42.35	2.98	74.00	31.65	150	320	Vertical
3	4973.25	44.60	-13.40	74.00	29.40	150	80	Vertical
4	6543.75	45.62	-11.38	74.00	28.38	150	70	Vertical
5	9250.5	46.22	-6.84	74.00	27.78	150	170	Vertical
6	13161.7	49.82	-1.11	74.00	24.18	150	300	Vertical

Band-edge (Radiated)

Mode:	2405
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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	2310	6.96	44.09	74.00	29.91	40.74	54.00	13.26	150	100	Horizontal	PASS
2	2319.52	7.17	45.41	74.00	28.59	42.60	54.00	11.40	150	110	Horizontal	PASS
3	2334.96	7.10	44.81	74.00	29.19	42.41	54.00	11.59	150	170	Horizontal	PASS
4	2352.48	7.32	46.32	74.00	27.68	42.40	54.00	11.60	150	260	Horizontal	PASS
5	2365.84	7.51	45.75	74.00	28.25	42.26	54.00	11.74	150	130	Horizontal	PASS
6	2400	8.28	44.26	74.00	29.74	42.83	54.00	11.17	150	290	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	2310	6.96	42.95	74.00	31.05	40.99	54.00	13.01	150	130	Vertical	PASS
2	2322.24	7.15	44.85	74.00	29.15	42.39	54.00	11.61	150	70	Vertical	PASS
3	2345.6	7.32	45.96	74.00	28.04	42.57	54.00	11.43	150	250	Vertical	PASS
4	2364	7.50	45.87	74.00	28.13	42.63	54.00	11.37	150	310	Vertical	PASS
5	2368.08	7.47	45.63	74.00	28.37	41.30	54.00	12.70	150	160	Vertical	PASS
6	2400	8.28	45.77	74.00	28.23	42.76	54.00	11.24	150	300	Vertical	PASS

Mode:	2475
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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	2483.5	7.53	52.10	74.00	21.90	48.94	54.00	5.06	150	150	Horizontal	PASS
2	2485.909	7.55	53.97	74.00	20.03	49.60	54.00	4.40	150	42	Horizontal	PASS
3	2490.8755	7.63	52.88	74.00	21.12	50.48	54.00	3.52	150	120	Horizontal	PASS
4	2494.2745	7.67	54.48	74.00	19.52	50.80	54.00	3.20	150	42	Horizontal	PASS
5	2496.733	7.68	53.65	74.00	20.35	51.51	54.00	2.49	150	94	Horizontal	PASS
6	2500	7.60	53.12	74.00	20.88	50.81	54.00	3.19	150	80	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	2483.5	7.53	52.03	74.00	21.97	49.50	54.00	4.50	150	102	Vertical	PASS
2	2485.942	7.54	53.90	74.00	20.10	49.22	54.00	4.78	150	117	Vertical	PASS
3	2487.9055	7.55	53.98	74.00	20.02	51.46	54.00	2.54	150	30	Vertical	PASS
4	2491.4365	7.64	54.34	74.00	19.66	50.89	54.00	3.11	150	280	Vertical	PASS
5	2494.3075	7.67	53.81	74.00	20.19	49.98	54.00	4.02	150	178	Vertical	PASS
6	2500	7.60	53.81	74.00	20.19	49.38	54.00	4.62	150	139	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	2405	67.83	24.86	114.00	46.17	150	160	Horizontal
2	2405	68.27	24.86	114.00	45.73	150	178	Vertical
3	2440	66.22	25.14	114.00	47.78	150	160	Horizontal
4	2440	66.68	25.19	114.00	47.32	150	60	Vertical
5	2475	66.04	25.24	114.00	47.96	150	160	Horizontal
6	2475	65.93	25.19	114.00	48.07	150	230	Vertical

-END OF REPORT-