TEST REPORT

Application No.:	KSCR2604000801AT
FCC ID:	2BSUT-XCOMM
Applicant:	CROSSCALL
Address of Applicant:	245, Rue Paul Langevin 13290, Aix-en-Provence, France
Manufacturer:	CROSSCALL
Address of Manufacturer:	245, Rue Paul Langevin 13290, Aix-en-Provence, France
Factory:	SICHUAN DOOV PTY CO., LTD.
Address of Factory:	NO.35 Guangyuan Road, West Section, Guoxing Avenue, Lingang Jingkai District, Yibin City, Sichuan, P.R.China
Equipment Under Test (EUT):	
EUT Name:	Bluetooth and Wired Speaker
Model No.:	X-COMM
Trade Mark	CROSSCALL
Standard(s) :	47 CFR Part 15, Subpart B
Date of Receipt:	2026-04-13
Date of Test:	2026-04-19 to 2026-04-23
Date of Issue:	2026-04-23
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Revision Record			
Version	**Description**	***Date***	***Remark***
00	Original	2026-04-23	/

Authorized for issue by:				
Tested By		Maker Qi **Maker_Qi/Project Engineer**		
Approved By		Terry Hou **Terry Hou /Reviewer**		

2 Test Summary

Emission Part				
Item	**Standard**	**Method**	**Requirement**	**Result**
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4-2014	15.107(a); Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4-2014	15.109(a); Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4-2014	15.109(g); Class B	Pass

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 5V/2A by Battery: Battery model: LPN370224 2240mAh/8.29Wh Rated voltage: 3.7V

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Mobile Phone	ZTE	Z11MAX	/
AC Adapter	/	/	/

4.3 Measurement Uncertainty & Decision Rule

Measurement Uncertainty:

No.	Item	Measurement Uncertainty (U_{LAB}) *	U_{CISPR}
1	Conducted Emission at mains port using AMN	2.4dB (9kHz to 150kHz)	3.8dB (9kHz to 150kHz)
		2.2dB (150kHz to 30MHz)	3.4dB (150kHz to 30MHz)
2	Conducted Emission at telecommunication port using AAN	4.0 dB (150kHz to 30MHz)	5.0dB (150kHz to 30MHz)
3	Radiated Power	3.2dB	4.5dB (30MHz to 300MHz)
4	Radiated Emission (10m)	4.1 dB	6.3dB (30MHz-1GHz)
5	Radiated Emission (3m)	4.6 dB (30MHz-1GHz)	6.3dB (30MHz-1GHz)
		5.0dB (1GHz-6GHz)	5.2dB (1GHz-6GHz)
		5.2dB (6GHz-18GHz)	5.5dB (6GHz-18GHz)
		5.3dB (18GHz-40GHz)	N/A
6	Radiated disturbance (disturbance current in a LLAS)	2.6dB (9kHz to 30MHz)	3.3dB (9kHz to 30MHz)

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Decision Rule:

• CISPR 16-4-2 for emission measurements is as below described.
Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

U_{LAB} less than U_{CISPR}, therefore:

– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit.

– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

• For immunity testing no decision rule is applicable.

4.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

3. Sample source: sent by customer.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 2541.01)

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA).

• FCC (Designation Number: CN1172)

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory.

• ISED (CAB Identifier: CN0072)

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 2324E

• VCCI (Member No:1938)

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
EMI TEST RECEIVER	R&S	ESCI	KS301195	12/18/2025	12/17/2026
TWO-LINE V-NETWORK	R&S	ENV216	KS301197	01/08/2026	01/07/2027
V (V-LISN)	SCHWARZBECK	NNLK 8129	KS301091	01/08/2026	01/07/2027
Pulse LIMITER	R&S	ESH3-Z2	KUS1902E001	12/18/2025	12/17/2026
Software	Faratronic	E3 v 3A1	N/A	N/A	N/A

Radiated Emissions (30MHz-1GHz)					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
EMI Test Receiver	R&S	ESCI	KS301196	07/08/2025	07/07/2026
Antenna	TESEQ	CBL 6112D	KUS1806E006	01/19/2026	01/18/2027
Spectrum Analyzer	R&S	FSU26	KS301206	03/27/2026	03/26/2027
Signal Analyzer	R&S	FSV40	KUS1806E003	09/07/2025	08/07/2026
Software	Faratronic	E3 v 3A1	N/A	N/A	N/A

Radiated Emissions (Above 1GHz)					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Spectrum Analyzer	R&S	FSU26	KS301206	03/27/2026	03/26/2027
Preamplifier	PANSHAN TECHNOLOGY	LNA:1~18G	KSEM010-2	12/17/2025	12/16/2026
Horn-antenna	SCHWARZBECK	BBHA9120D	KS301079	01/11/2026	01/10/2027
Antenna	SCHAFFNER	CBL6143	CZ301091	08/11/2024	08/10/2026
Software	Faratronic	E3 v 3A1	N/A	N/A	N/A

General used equipment					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Digital Pressure Meter	Mengde	DYM3	CZ750023	12/26/2025	12/25/2026
Temperature & Humidity Recorder	JDRK	RS-WS-N01-6J	KSEM024-1 KSEM024-2 KSEM024-3 KSEM024-6 KSEM024-7 KSEM024--8 KSEM024--9	12/26/2025	12/25/2026

6 Emission Test Results

6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014

Limit:

0.15MHz-0.5MHz:	66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average
0.5MHz-5MHz:	56dB(μV) quasi-peak, 46dB(μV) average
5MHz-30MHz:	60dB(μV) quasi-peak, 50dB(μV) average
Detector:	Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

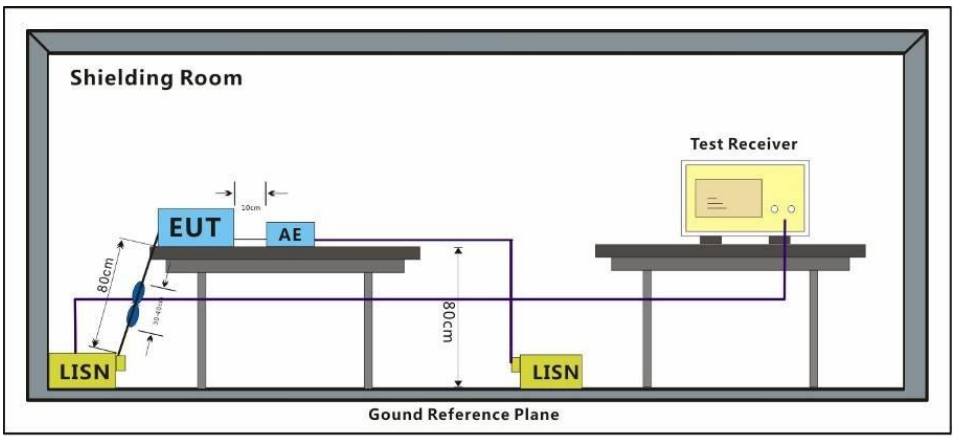
6.1.1 E.U.T. Operation

Operating Environment:
Temperature: 23.9 °C Humidity: 48.4 % RH Atmospheric Pressure: 1010 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Normal Operating_BT Link + AC Adapter

6.1.3 Test Setup Diagram

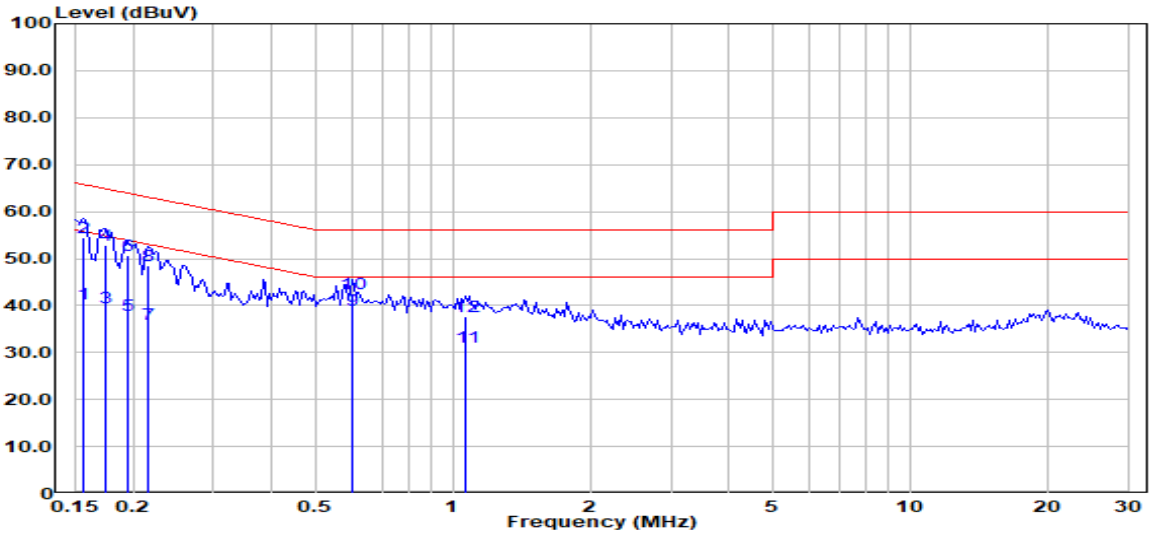


6.1.4 Measurement Procedure and Data

An initial pre-scan was performed with peak detector.Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

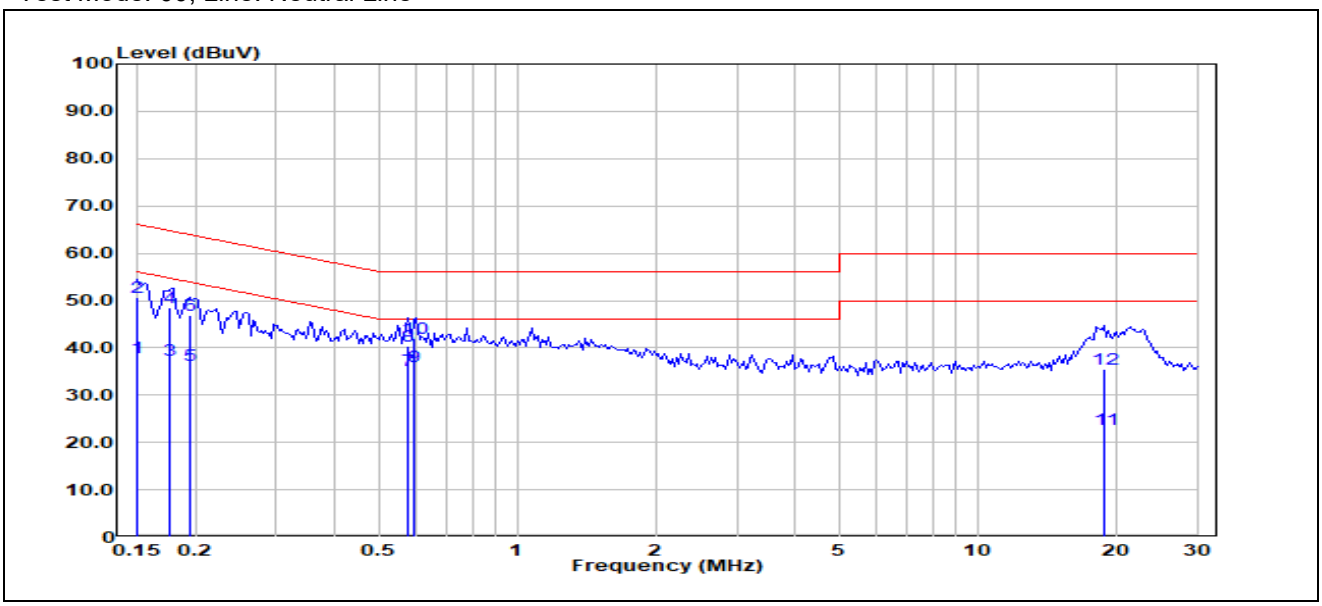
Remark : Level= Read Level+ Cable Loss+ LISN Factor

Test Mode: 00; Line: Live line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1559	20.09	20.36	40.45	55.68	-15.23	Average
2	0.1559	34.03	20.36	54.39	65.68	-11.29	QP
3	0.1733	19.16	20.29	39.45	54.80	-15.35	Average
4	0.1733	32.50	20.29	52.79	64.80	-12.01	QP
5	0.1942	17.56	20.26	37.82	53.85	-16.03	Average
6	0.1942	30.48	20.26	50.74	63.85	-13.11	QP
7	0.2147	15.89	20.20	36.09	53.02	-16.93	Average
8	0.2147	28.44	20.20	48.64	63.02	-14.38	QP
9	0.6021	18.78	20.20	38.98	46.00	-7.02	Average
10	0.6021	22.23	20.20	42.43	56.00	-13.57	QP
11	1.0720	11.18	19.96	31.14	46.00	-14.86	Average
12	1.0720	17.60	19.96	37.56	56.00	-18.44	QP

Test Mode: 00; Line: Neutral Line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1501	17.46	20.44	37.90	55.99	-18.09	Average
2	0.1501	30.26	20.44	50.70	65.99	-15.29	QP
3	0.1766	16.96	20.36	37.32	54.65	-17.33	Average
4	0.1766	28.17	20.36	48.53	64.65	-16.12	QP
5	0.1956	16.07	20.26	36.33	53.80	-17.47	Average
6	0.1956	26.50	20.26	46.76	63.80	-17.04	QP
7	0.5806	15.14	20.19	35.33	46.00	-10.67	Average
8	0.5806	20.28	20.19	40.47	56.00	-15.53	QP
9	0.5998	15.95	20.20	36.15	46.00	-9.85	Average
10	0.5998	21.70	20.20	41.90	56.00	-14.10	QP
11	18.8870	2.39	20.40	22.79	50.00	-27.21	Average
12	18.8870	15.02	20.40	35.42	60.00	-24.58	QP

6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014

Limit:

	Class B
Test Distance:	3m
30MHz -88MHz	40.0(dBμV/m) quasi-peak
88MHz-216MHz	43.5(dBμV/m) quasi-peak
216MHz-960MHz	46.0(dBμV/m) quasi-peak
960MHz-1000MHz	54.0(dBμV/m) quasi-peak
Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

	Class B
Test Distance:	10m
30MHz -88MHz	29.5(dBμV/m) quasi-peak
88MHz-216MHz	33.1(dBμV/m) quasi-peak
216MHz-960MHz	35.6(dBμV/m) quasi-peak
960MHz-1000MHz	43.5(dBμV/m) quasi-peak
Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

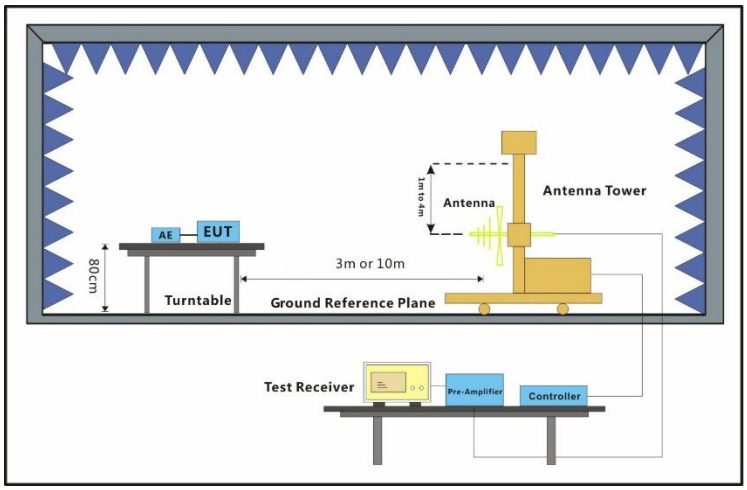
6.2.1 E.U.T. Operation

Operating Environment:
Temperature: 20.6 °C Humidity: 46.5 % RH Atmospheric Pressure: 1010 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Normal Operating_BT Link + AC Adapter
Pre-scan	01	Normal Operating_BT Link + Battery-powered

6.2.3 Test Setup Diagram

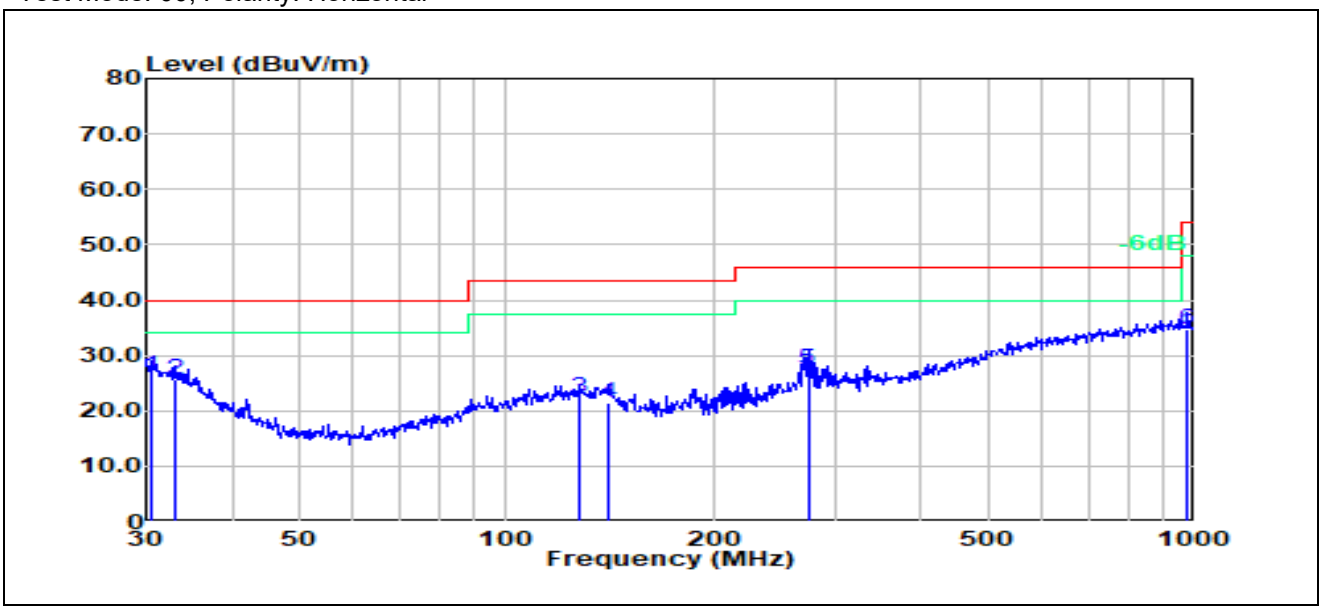


6.2.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

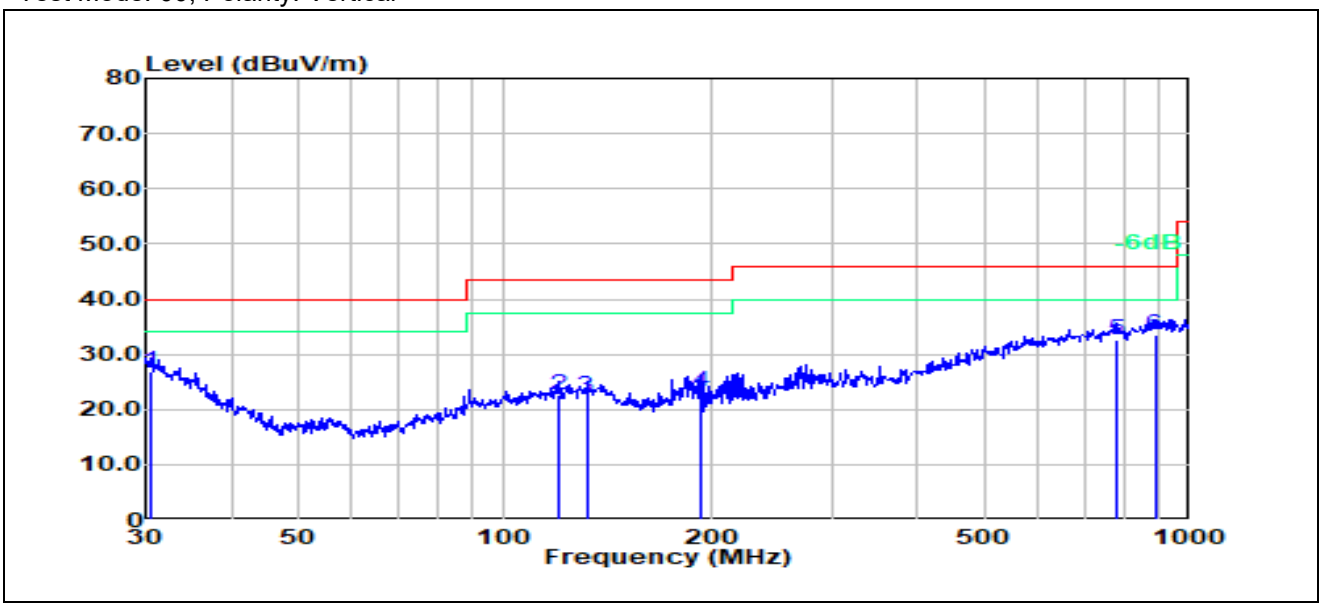
Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Test Mode: 00; Polarity: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	30.424	1.44	24.78	26.22	40.00	-13.78	100	360	QP
2	32.979	2.47	23.15	25.62	40.00	-14.38	100	5	QP
3	127.665	2.24	20.02	22.25	43.50	-21.25	200	132	QP
4	140.342	1.49	20.09	21.58	43.50	-21.92	200	274	QP
5	274.194	6.49	20.96	27.45	46.00	-18.55	100	360	QP
6	975.753	3.71	31.15	34.86	54.00	-19.14	100	223	QP

Test Mode: 00; Polarity: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	30.424	2.07	24.78	26.85	40.00	-13.15	200	326	QP
2	119.856	2.24	20.34	22.58	43.50	-20.92	200	75	QP
3	131.758	2.24	20.21	22.45	43.50	-21.05	100	0	QP
4	193.095	5.89	17.36	23.25	43.50	-20.25	100	266	QP
5	782.345	2.26	30.36	32.62	46.00	-13.38	100	338	QP
6	887.610	2.12	31.29	33.41	46.00	-12.59	100	0	QP

6.3 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014

Limit:

	Class B
Above 1GHz	74(dBμV/m) peak, 54(dBμV/m) average
Detector:	Peak for pre-scan (1000kHz resolution bandwidth) 1000M to18000MHz

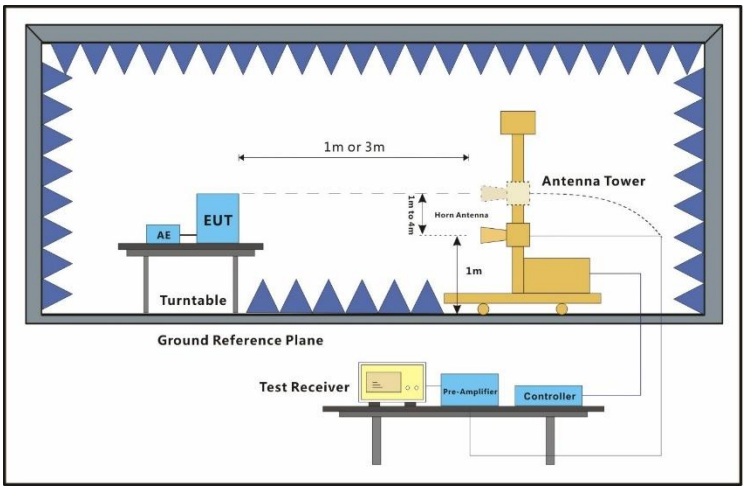
6.3.1 E.U.T. Operation

Operating Environment:
Temperature: 23.8 °C Humidity: 48.1 % RH Atmospheric Pressure: 1010 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Normal Operating_BT Link + AC Adapter
Pre-scan	01	Normal Operating_BT Link + Battery-powered

6.3.3 Test Setup Diagram



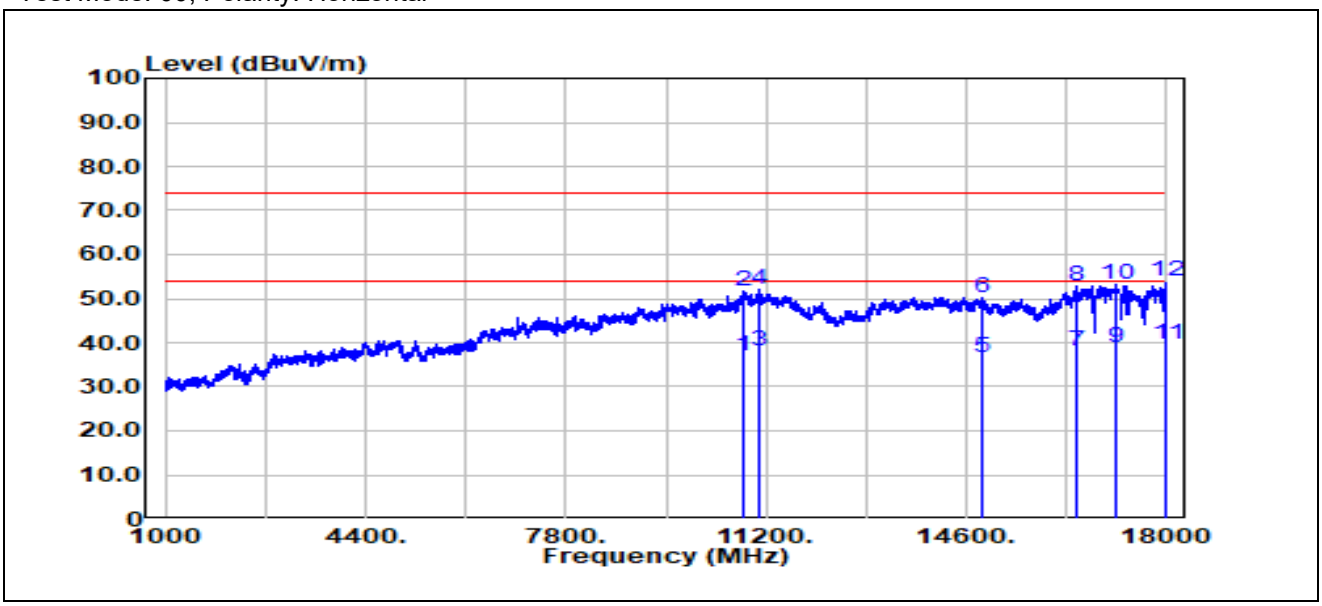
6.3.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The red line show in graphic is the limit in standard used in this section.

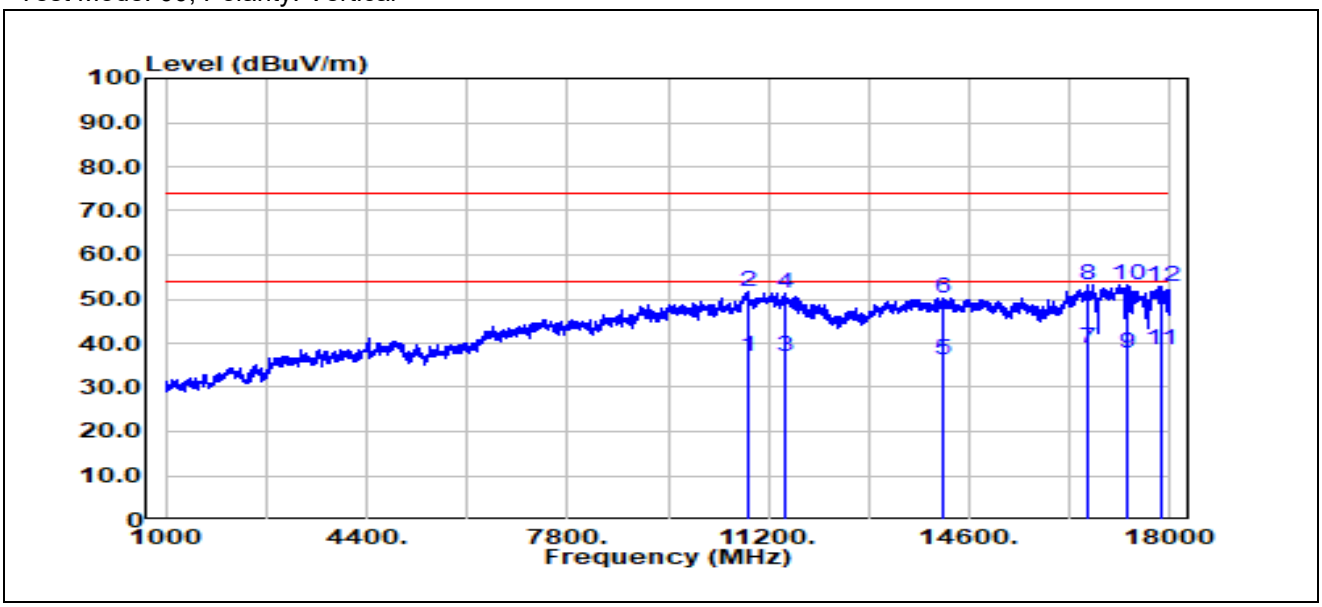
Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Test Mode: 00; Polarity: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	10813.25	35.49	1.39	36.88	54.00	-17.12	200	335	Average
2	10813.25	50.15	1.39	51.54	74.00	-22.46	200	335	Peak
3	11076.75	36.02	2.17	38.19	54.00	-15.81	200	195	Average
4	11076.75	50.00	2.17	52.17	74.00	-21.83	200	195	Peak
5	14880.50	35.49	1.06	36.55	54.00	-17.45	200	359	Average
6	14880.50	49.18	1.06	50.24	74.00	-23.76	200	359	Peak
7	16482.75	35.56	2.50	38.06	54.00	-15.94	200	282	Average
8	16482.75	50.18	2.50	52.68	74.00	-21.32	200	282	Peak
9	17158.50	36.08	2.93	39.01	54.00	-14.99	100	45	Average
10	17158.50	50.45	2.93	53.38	74.00	-20.62	100	45	Peak
11	18000.00	33.06	6.66	39.72	54.00	-14.28	100	133	Average
12	18000.00	47.46	6.66	54.12	74.00	-19.88	100	133	Peak

Test Mode: 00; Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10843.00	35.80	1.35	37.15	54.00	-16.85	200	359	Average
2	10843.00	50.29	1.35	51.64	74.00	-22.36	200	359	Peak
3	11493.25	36.28	0.57	36.85	54.00	-17.15	200	195	Average
4	11493.25	50.90	0.57	51.47	74.00	-22.53	200	195	Peak
5	14136.75	36.35	-0.27	36.08	54.00	-17.92	100	360	Average
6	14136.75	50.53	-0.27	50.26	74.00	-23.74	100	360	Peak
7	16593.25	36.14	2.78	38.92	54.00	-15.08	100	359	Average
8	16593.25	50.32	2.78	53.10	74.00	-20.90	100	359	Peak
9	17260.50	34.57	3.02	37.59	54.00	-16.41	100	5	Average
10	17260.50	50.30	3.02	53.32	74.00	-20.68	100	5	Peak
11	17838.50	34.17	4.26	38.43	54.00	-15.57	200	276	Average
12	17838.50	48.73	4.26	52.99	74.00	-21.01	200	276	Peak

7 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2604000800AT

8 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for KSCR2604000800AT

- End of the Report -