FCC RADIO TEST REPORT

FCC ID	:	**UXX-2022EG060KNA**
Equipment	:	**LTE-A Cat 6 LGA Module**
Brand Name	:	**Ericsson**
Model Name	:	**EG060K-NA**
Applicant	:	**Ericsson Enterprise Solutions, Inc. 1100 W. Idaho St. Boise, ID 83702**
Manufacturer	:	**Ericsson Enterprise Solutions, Inc. 1100 W. Idaho St. Boise, ID 83702**
Standard	:	**FCC 47 CFR Part 2, 96**

The product was received on Jul. 10, 2024 and testing was performed from Jul. 18, 2024 to Aug. 12, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this partial report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FG441838-01B	01	Initial issue of report	Aug. 20, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
3.3	§96.41	Effective Isotropic Radiated Power	Pass	-
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass	8.02 dB under the limit at 14724.00 MHz
Remark: This report by changing module trace design and adding Antenna.				

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs LTE. **Antenna Type** WWAN: Dipole Antenna	
Antenna Gain	2.8 dBi

Remark: The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications are made to the EUT during all test items.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH03-HY
Test Engineer	Cotty Hsu
Temperature (℃)	22.5~23.7
Relative Humidity (%)	50.2~55.5

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH23-HY (TAF Code: 3786)
Test Engineer	Leo Li and Lucifer Jiang
Temperature (℃)	19.4~21.1
Relative Humidity (%)	44.7~65.1
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

1.4 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26-2015
- FCC 47 CFR Part 2, 96
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in two antenna degrees (Ant. degrees 0 and Ant. degrees 90), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

Radiated emissions were investigated as following frequency range:

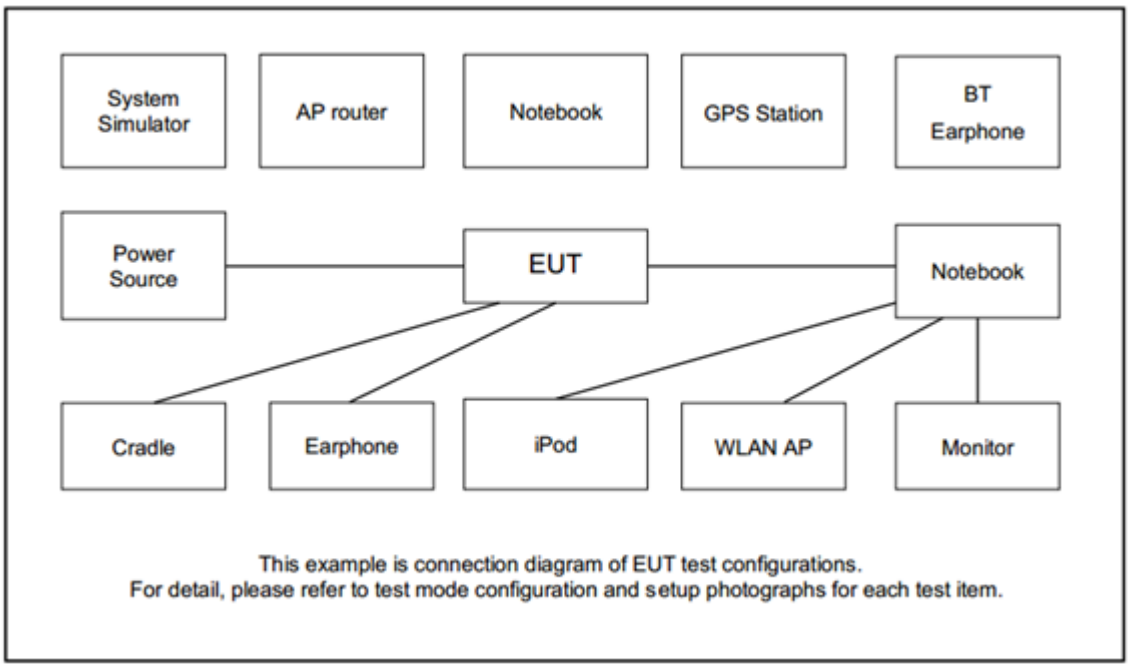
Modulation Type	Modulation
A	QPSK
B	16QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B	All	1, Half, Full	L, M, H
EIRP	A, B	All	1, Half, Full	L, M, H
RSE	A	20 MHz	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. For LTE B48 the test country code is set to MCC 310.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m

2.4 Frequency List of Low/Middle/High Channels

LTE Band 48 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	55340	55990	56640
	Frequency	3560.0	3625.0	3690.0
15	Channel	55315	55990	56665
	Frequency	3557.5	3625.0	3692.5
10	Channel	55290	55990	56690
	Frequency	3555.0	3625.0	3695.0
5	Channel	55265	55990	56715
	Frequency	3552.5	3625.0	3697.5

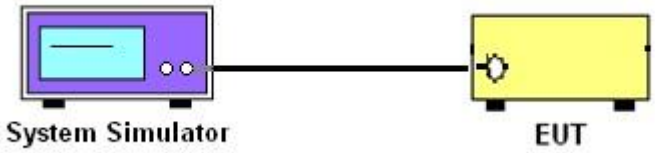
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Description of the Conducted Output Power Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

3.3 EIRP

3.3.1 Description of the EIRP Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for LTE Band 48.

The testing follows ANSI C63.26-2015 Section 5.2.5.5

According to KDB 412172 D01 Power Approach,

EIRP = PT + GT – LC, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

Device	Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a

Remark: Total channel power is complied with EIRP limit 23dBm/10MHz.

3.3.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.

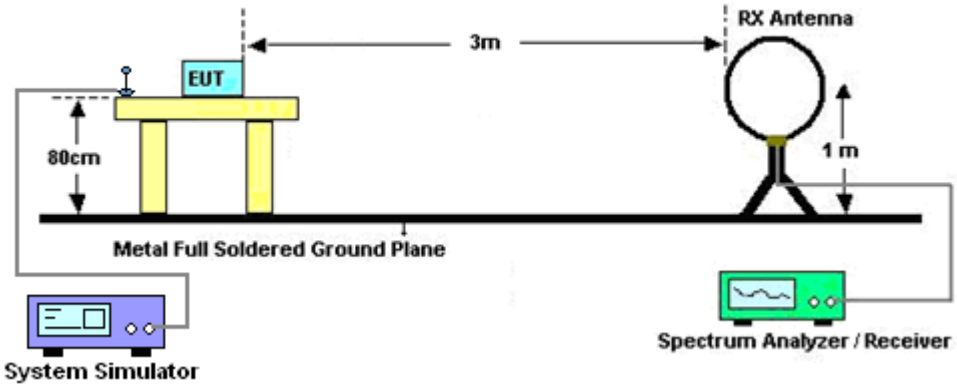
4 Radiated Test Items

4.1 Measuring Instruments

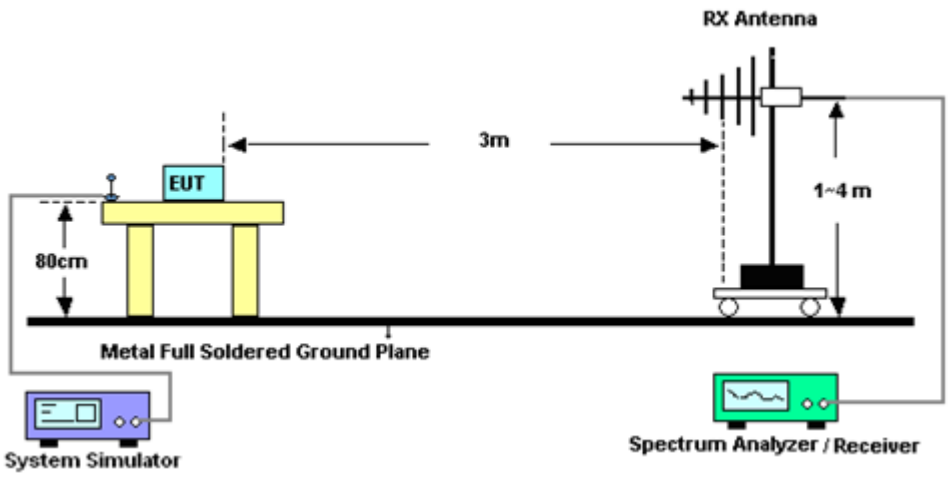
See list of measuring instruments of this test report.

4.2 Test Setup

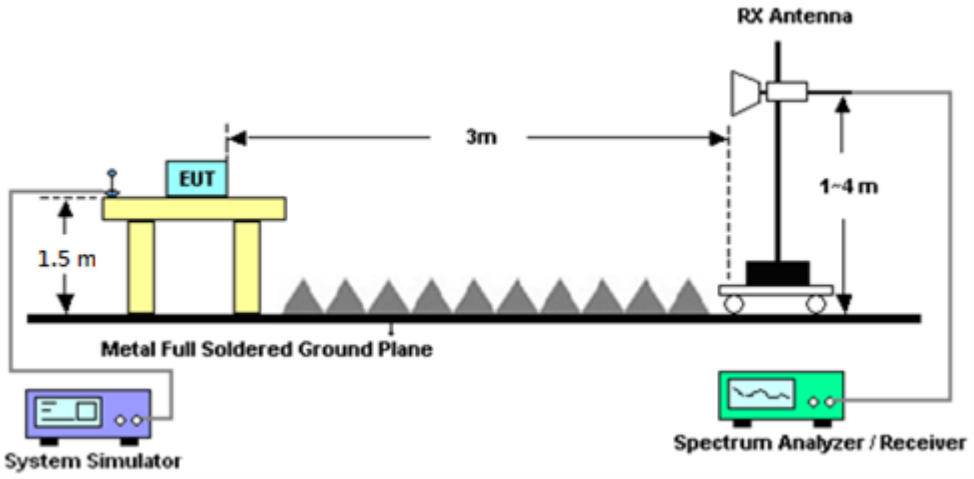
For radiated emissions below 30MHz



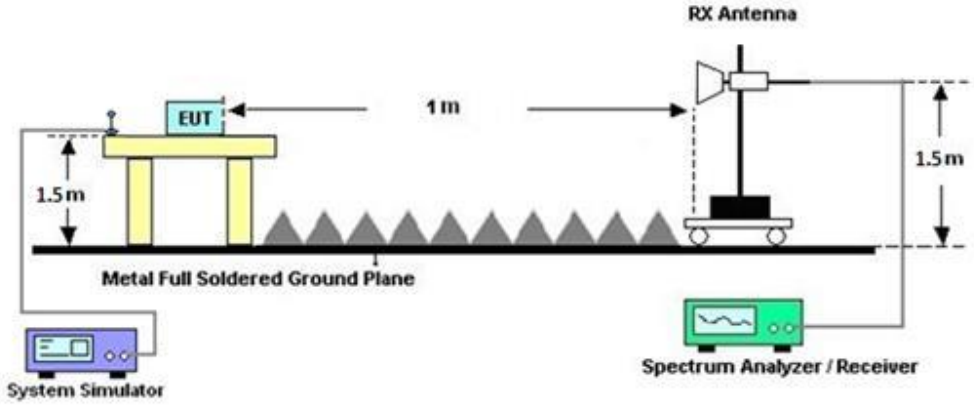
For radiated emissions from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least -40dBm / MHz .

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
   EIRP(dBm) = Level (dBuV/m) + 20log(d) -104.77, where d is the distance at which filed strength limit is specified in the rules.
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Aug. 05, 2024~ Aug. 12, 2024	Sep. 11, 2024	Radiation (03CH23-HY)
Bilog Antenna with 6dB pad	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	N/A	Oct. 15, 2023	Aug. 05, 2024~ Aug. 12, 2024	Oct. 14, 2024	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	N/A	Jul. 14, 2024	Aug. 05, 2024~ Aug. 12, 2024	Jul. 13, 2025	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18EN	1GHz~18GHz	Jun. 20, 2024	Aug. 05, 2024~ Aug. 12, 2024	Jun. 19, 2025	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1223	18GHz-40GHz	Jun. 24, 2024	Aug. 05, 2024~ Aug. 12, 2024	Jun. 23, 2025	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	N/A	Sep. 28, 2023	Aug. 05, 2024~ Aug. 12, 2024	Sep. 27, 2024	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060871	18-40GHz	Sep. 06, 2023	Aug. 05, 2024~ Aug. 12, 2024	Sep. 05, 2024	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	N/A	Aug. 17, 2023	Aug. 05, 2024~ Aug. 12, 2024	Aug. 16, 2024	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303B	TP211542	N/A	Oct. 30, 2023	Aug. 05, 2024~ Aug. 12, 2024	Oct. 29, 2024	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 05, 2024~ Aug. 12, 2024	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 05, 2024~ Aug. 12, 2024	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 05, 2024~ Aug. 12, 2024	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_2019122	RK-002348	N/A	N/A	Aug. 05, 2024~ Aug. 12, 2024	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Aug. 05, 2024~ Aug. 12, 2024	Mar. 05, 2025	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	N/A	Nov. 27, 2023	Aug. 05, 2024~ Aug. 12, 2024	Nov. 26, 2024	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/231119/ 231122	N/A	Nov. 27, 2023	Aug. 05, 2024~ Aug. 12, 2024	Nov. 26, 2024	Radiation (03CH23-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 03, 2023	Jul. 18, 2024~ Jul. 22, 2024	Oct. 02, 2024	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 04, 2023	Jul. 18, 2024~ Jul. 22, 2024	Sep. 03, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V；0A~6A	Nov. 28, 2023	Jul. 18, 2024~ Jul. 22, 2024	Nov. 27, 2024	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+SFL 405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 02, 2024	Jul. 18, 2024~ Jul. 22, 2024	Jan. 01, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Jul. 18, 2024~ Jul. 22, 2024	Jul. 10, 2025	Conducted (TH03-HY)
Software	Anritsu	Auto Test System	N/A	Conducted Test Item	N/A	Jul. 18, 2024~ Jul. 22, 2024	N/A	Conducted (TH03-HY)

6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.43 dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.56 dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.19 dB

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & EIRP)

LTE Band 48 Maximum Average Power [dBm] (GT - LC = 2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	18.82	18.60	18.47	21.62	0.1452
20	1	49		18.73	18.48	18.36		
20	1	99		18.65	18.41	18.22		
20	50	0		17.85	17.63	17.44		
20	50	24		17.83	17.58	17.41		
20	50	50		17.78	17.52	17.30		
20	100	0		17.82	17.56	17.39		
20	1	0	16-QAM	17.95	17.76	17.64	20.75	0.1189
20	1	49		17.87	17.57	17.44		
20	1	99		17.77	17.47	17.31		
20	50	0		16.90	16.68	16.52		
20	50	24		16.90	16.62	16.45		
20	50	50		16.84	16.59	16.39		
20	100	0		16.86	16.60	16.43		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

LTE Band 48 Maximum Average Power [dBm] (GT - LC = 2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	18.88	18.64	18.53	21.68	0.1472
15	1	37		18.85	18.60	18.46		
15	1	74		18.74	18.52	18.29		
15	36	0		17.93	17.70	17.51		
15	36	20		17.88	17.66	17.48		
15	36	39		17.87	17.61	17.42		
15	75	0		17.90	17.61	17.44		
15	1	0	16-QAM	18.01	17.78	17.65	20.81	0.1205
15	1	37		17.98	17.75	17.57		
15	1	74		17.89	17.62	17.47		
15	36	0		16.91	16.66	16.52		
15	36	20		16.86	16.64	16.48		
15	36	39		16.86	16.58	16.40		
15	75	0		16.93	16.67	16.48		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

LTE Band 48 Maximum Average Power [dBm] (GT - LC = 2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	18.86	18.65	18.45	21.66	0.1466
10	1	25		18.84	18.62	18.47		
10	1	49		18.76	18.52	18.33		
10	25	0		17.91	17.68	17.50		
10	25	12		17.91	17.66	17.49		
10	25	25		17.92	17.66	17.48		
10	50	0		17.93	17.66	17.49		
10	1	0	16-QAM	18.04	17.81	17.64	20.84	0.1213
10	1	25		17.99	17.71	17.57		
10	1	49		17.91	17.61	17.50		
10	25	0		16.98	16.71	16.55		
10	25	12		16.98	16.73	16.57		
10	25	25		16.95	16.73	16.55		
10	50	0		16.95	16.70	16.54		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

LTE Band 48 Maximum Average Power [dBm] (GT - LC = 2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	18.89	18.65	18.52	21.72	0.1486
5	1	12		18.92	18.68	18.51		
5	1	24		18.88	18.61	18.49		
5	12	0		18.92	18.67	18.52		
5	12	7		18.84	18.62	18.48		
5	12	13		18.85	18.60	18.48		
5	25	0		17.92	17.69	17.50		
5	1	0	16-QAM	18.04	17.81	17.66	20.85	0.1216
5	1	12		18.05	17.80	17.63		
5	1	24		18.01	17.73	17.61		
5	12	0		17.92	17.68	17.57		
5	12	7		17.89	17.63	17.52		
5	12	13		17.87	17.63	17.48		
5	25	0		16.97	16.73	16.55		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

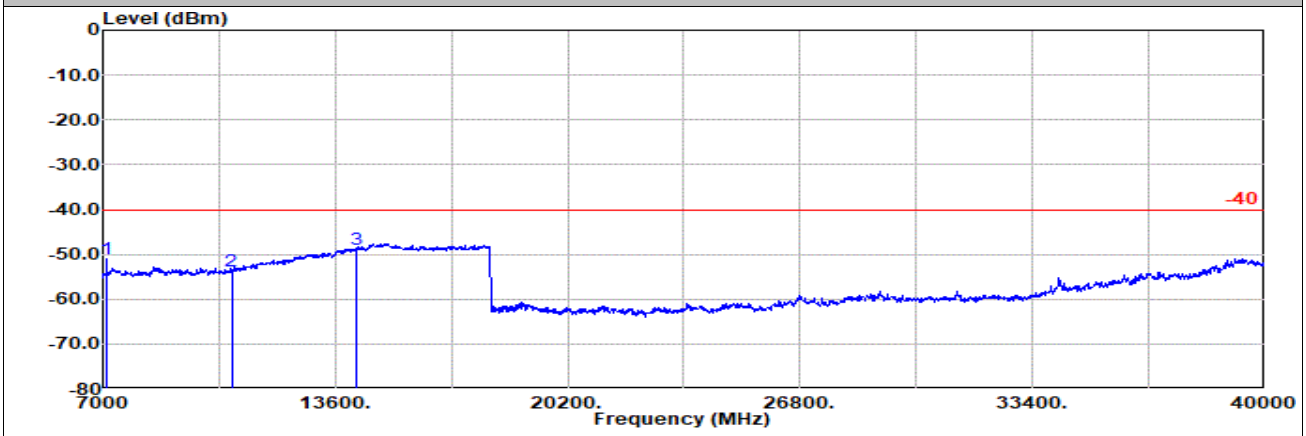
Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 96	LTE B48	H	14724	-48.02	RMS	41.55	-25.76	2.62	-95.23	28.80	-40.00	-8.02	V	Ant 2

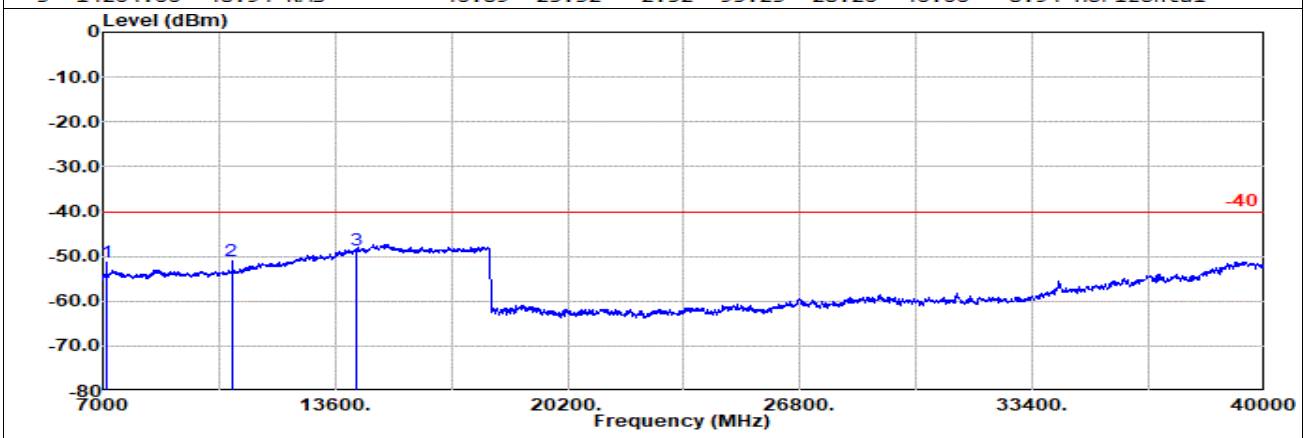
Ant 2

Part 96 Mode 1
LTE B48 20M Ch55340 1RB0 QPSK
L




```
Site      : 03CH23-HY
Condition: -40 1m SHF_1224_230710 Horizontal
         : LTE Band 48 20M Ch55340 1RB0 QPSK
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7102.00	-51.16	RMS	36.70	-23.14	2.49	-95.23	28.02	-40.00	-11.16	Horizontal
2	10653.00	-53.62	RMS	37.50	-24.08	2.15	-95.23	26.04	-40.00	-13.62	Horizontal
3	14204.00	-48.94	RMS	40.89	-25.32	2.52	-95.23	28.20	-40.00	-8.94	Horizontal

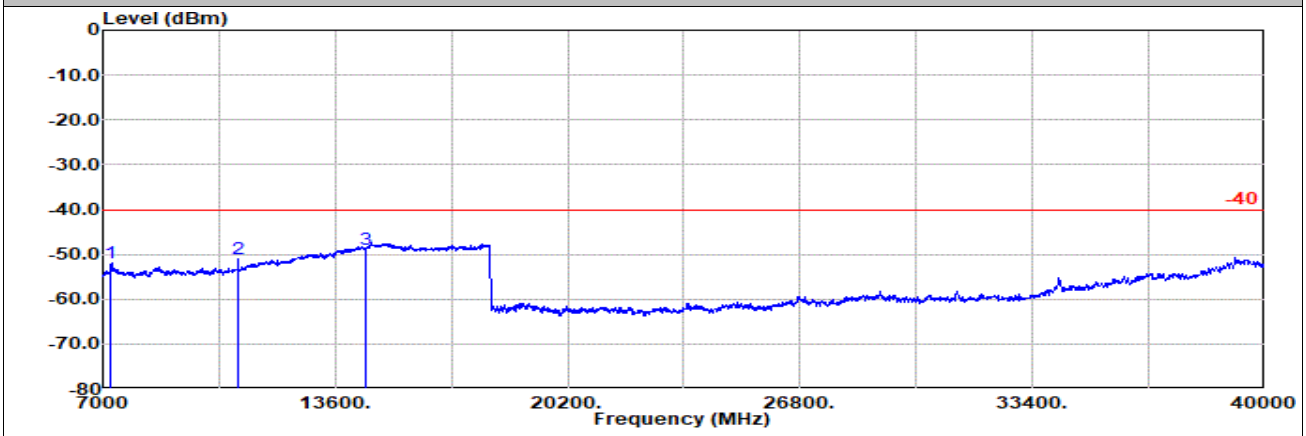



```
Site      : 03CH23-HY
Condition: -40 1m SHF_1224_230710 Vertical
         : LTE Band 48 20M Ch55340 1RB0 QPSK
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7102.00	-51.29	RMS	36.70	-23.14	2.49	-95.23	27.89	-40.00	-11.29	Vertical
2	10653.00	-51.03	RMS	37.50	-24.08	2.15	-95.23	28.63	-40.00	-11.03	Vertical
3	14204.00	-48.75	RMS	40.89	-25.32	2.52	-95.23	28.39	-40.00	-8.75	Vertical

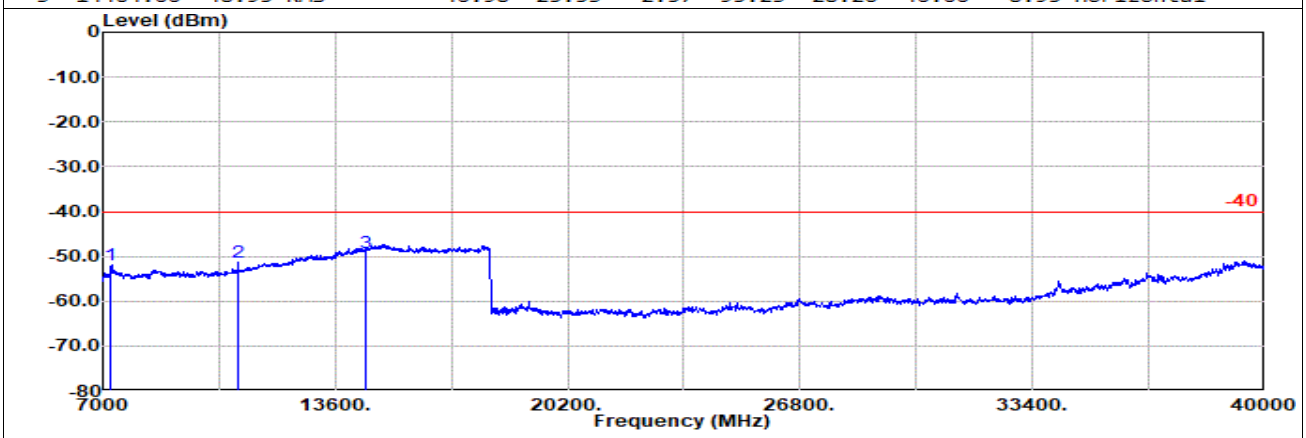
Ant 2

Part 96 Mode 1
LTE B48 20M Ch55990 1RB0 QPSK
M




```
Site      : 03CH23-HY
Condition: -40 1m SHF_1224_230710 Horizontal
          : LTE Band 48 20M Ch55990 1RB0 QPSK
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7232.00	-51.90	RMS	37.13	-23.05	2.50	-95.23	26.75	-40.00	-11.90	Horizontal
2	10848.00	-51.09	RMS	37.60	-24.16	2.16	-95.23	28.54	-40.00	-11.09	Horizontal
3	14464.00	-48.95	RMS	40.98	-25.53	2.57	-95.23	28.26	-40.00	-8.95	Horizontal

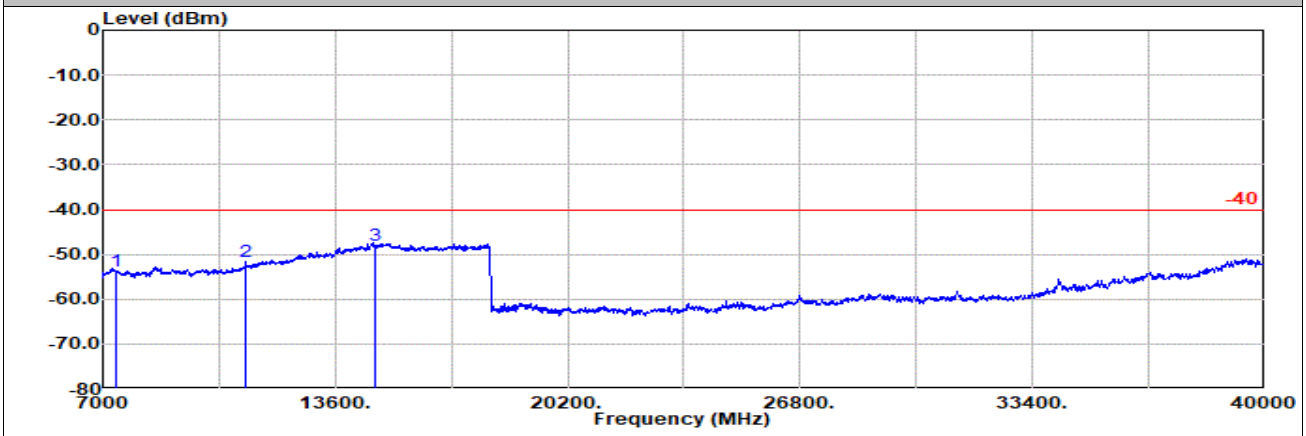



```
Site      : 03CH23-HY
Condition: -40 1m SHF_1224_230710 Vertical
          : LTE Band 48 20M Ch55990 1RB0 QPSK
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7232.00	-51.81	RMS	37.13	-23.05	2.50	-95.23	26.84	-40.00	-11.81	Vertical
2	10848.00	-51.20	RMS	37.60	-24.16	2.16	-95.23	28.43	-40.00	-11.20	Vertical
3	14464.00	-49.20	RMS	40.98	-25.53	2.57	-95.23	28.01	-40.00	-9.20	Vertical

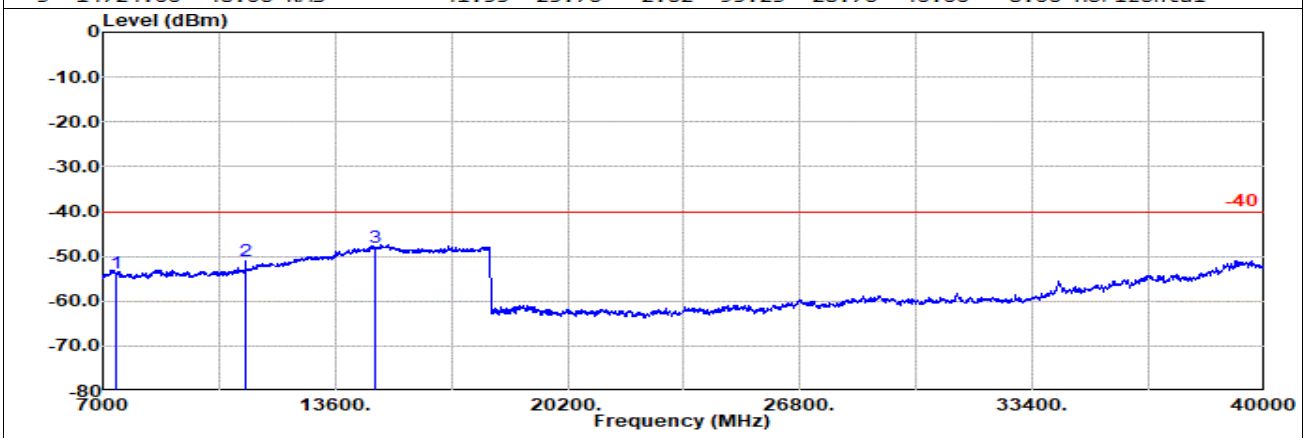
Ant 2

Part 96 Mode 1
LTE B48 20M Ch56640 1RB0 QPSK
H




```
Site      : 03CH23-HY
Condition: -40 1m SHF_1224_230710 Horizontal
         : LTE Band 48 20M Ch56640 1RB0 QPSK
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.00	-53.73	RMS	37.28	-22.84	2.36	-95.23	24.70	-40.00	-13.73	Horizontal
2	11043.00	-51.63	RMS	37.97	-24.21	2.17	-95.23	27.67	-40.00	-11.63	Horizontal
3	14724.00	-48.06	RMS	41.55	-25.76	2.62	-95.23	28.76	-40.00	-8.06	Horizontal

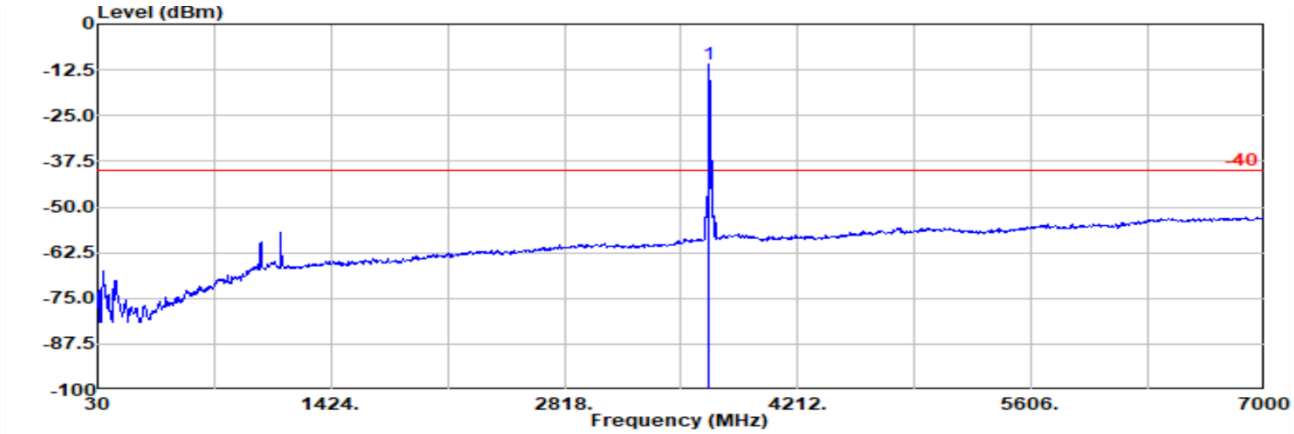



```
Site      : 03CH23-HY
Condition: -40 1m SHF_1224_230710 Vertical
         : LTE Band 48 20M Ch56640 1RB0 QPSK
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.00	-53.62	RMS	37.28	-22.84	2.36	-95.23	24.81	-40.00	-13.62	Vertical
2	11043.00	-51.12	RMS	37.97	-24.21	2.17	-95.23	28.18	-40.00	-11.12	Vertical
3	14724.00	-48.02	RMS	41.55	-25.76	2.62	-95.23	28.80	-40.00	-8.02	Vertical

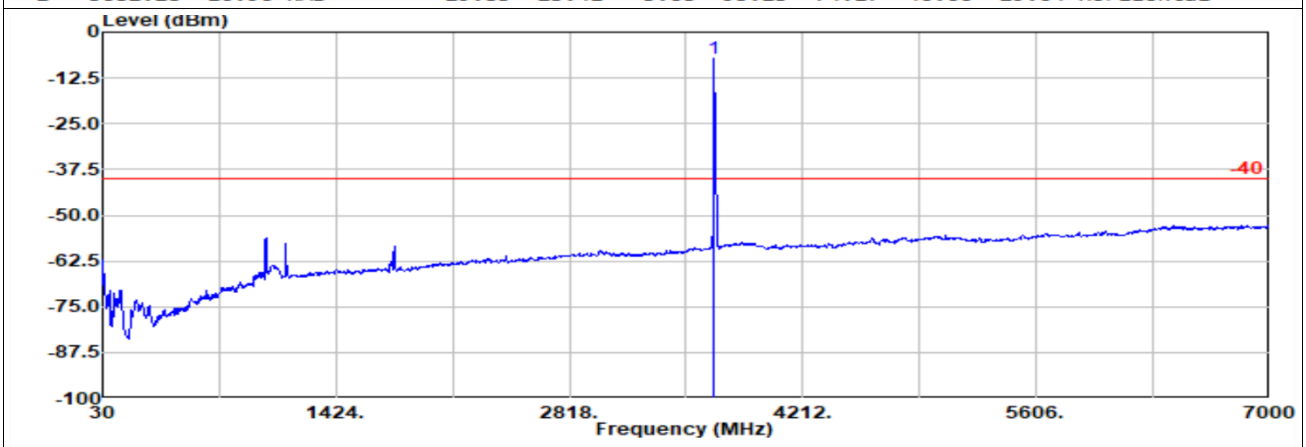
Ant 2

Part 96 Mode 1
LTE B48 20M Ch56640 1RB0 QPSK
H



Site : 03CH23-HY
Condition: -40 3m DRH18-E_LE2C05A18EN_240620 Horizontal
: LTE Band 48 20M Ch56640 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3682.28	-10.96	RMS	29.83	-23.41	3.68	-95.23	74.17	-40.00	29.04	Horizontal



Site : 03CH23-HY
Condition: -40 3m DRH18-E_LE2C05A18EN_240620 Vertical
: LTE Band 48 20M Ch56640 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3682.28	-7.20	RMS	29.83	-23.41	3.68	-95.23	77.93	-40.00	32.80	Vertical

Remark: #1 is fundamental signal which can be ignored.