

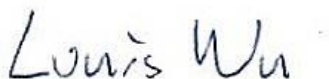


FCC RADIO TEST REPORT

FCC ID : B94HNI62COMR.
Equipment : Notebook Computer
Brand Name : HP
Model Name : HSN-I62C
Applicant : HP Inc.
1501 Page Mill Road, Palo Alto CA, 94304, USA
Standard : FCC 47 CFR Part 2, 96

The product was received on Nov. 24, 2025 and testing was performed from Dec. 09, 2025 to Jan. 04, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	6
1.3 Testing Site.....	6
1.4 Applied Standards	6
2 Test Configuration of Equipment Under Test	7
2.1 Test Mode.....	7
2.2 Connection Diagram of Test System.....	8
2.3 Support Unit used in test configuration and system	8
2.4 Frequency List of Low/Middle/High Channels	8
3 Conducted Test Items.....	10
3.1 Measuring Instruments	10
3.2 Conducted Output Power Measurement	11
3.3 EIRP	12
4 Radiated Test Items	13
4.1 Measuring Instruments	13
4.2 Test Setup	13
4.3 Test Result of Radiated Test	14
4.4 Radiated Spurious Emission	15
5 List of Measuring Equipment.....	16
6 Measurement Uncertainty	18
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG5N2416D	01	Initial issue of report	Jan. 19, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
-	§96.41	Peak-to-Average Ratio	Pass	See Note
3.3	§96.41	Effective Isotropic Radiated Power TRP	Pass	-
-	§2.1049 §96.41	Occupied Bandwidth	Pass	See Note
-	§2.1051 §96.41	Conducted Band Edge Measurement	Pass	See Note
-	§2.1051 §96.41	Conducted Spurious Emission	Pass	See Note
-	§2.1055	Frequency Stability for Temperature & Voltage	Pass	See Note
4.4	§2.1053 §96.41	Radiated Spurious Emission	Pass	-

Remark:

- For host device, Radiated Spurious Emission, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and comply with the limit in this test report.
- For host device, the Conducted Output Power is no difference after compared to module (Model: DRMR-H01)

Conformity Assessment Condition:

- 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- 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: Sheng Kuo
Report Producer: Shannon Huang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be, NFC, and GNSS
Sample 1	Host with Vendor 1 Antenna
Sample 2	Host with Vendor 2 Antenna
Integrated WWAN Module	Brand Name: WNC Model Name: DRMR-H01 FCC ID: NKR-DRMRH01
Integrated WLAN module	Brand Name: Intel Model Name: BE211NGW FCC ID: PD9BE211NG
Integrated NFC Module	Brand Name: WNC Model Name: XRAV-1 FCC ID: NKR-XRAV1
Antenna Type	WWAN: PIFA Antenna WLAN: <Main>: PIFA Antenna <Aux.>: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/BDS/Galileo: PIFA Antenna NFC: Loop Antenna

Support band and evaluated information	
Supported band	B48, B48C
Evaluated and Tested band	B48, B48C

TDD band Power Class		
	PC3	PC2
B48	V	-

WWAN Antenna Information for Notebook Mode				
Antenna 8	Manufacturer	Vendor 1	Peak gain (dBi)	LTE Band 48: 0.76
	Part number	6036B0370401 (00-330270505L)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	LTE Band 48: 0.93
	Part number	6036B0366201 (81ELBF15.G36)	Type	PIFA

WWAN Antenna Information for Tablet Mode				
Antenna 8	Manufacturer	Vendor 1	Peak gain (dBi)	LTE Band 48: -0.49
	Part number	6036B0370401 (00-330270505L)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	LTE Band 48: -0.52
	Part number	6036B0366201 (81ELBF15.G36)	Type	PIFA

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Site

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.	
	TH05-HY	03CH15-HY
Test Engineer	Yuki Chen	Sam Pan, Quentin Liu, and Bigshow Wang
Temperature (°C)	22.3 ~ 22.9	20.0 ~ 25.0
Relative Humidity (%)	53.2 ~ 55.5	50.0 ~ 60.0

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

FCC Designation No.: TW3786

1.4 Applied Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 96
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
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.

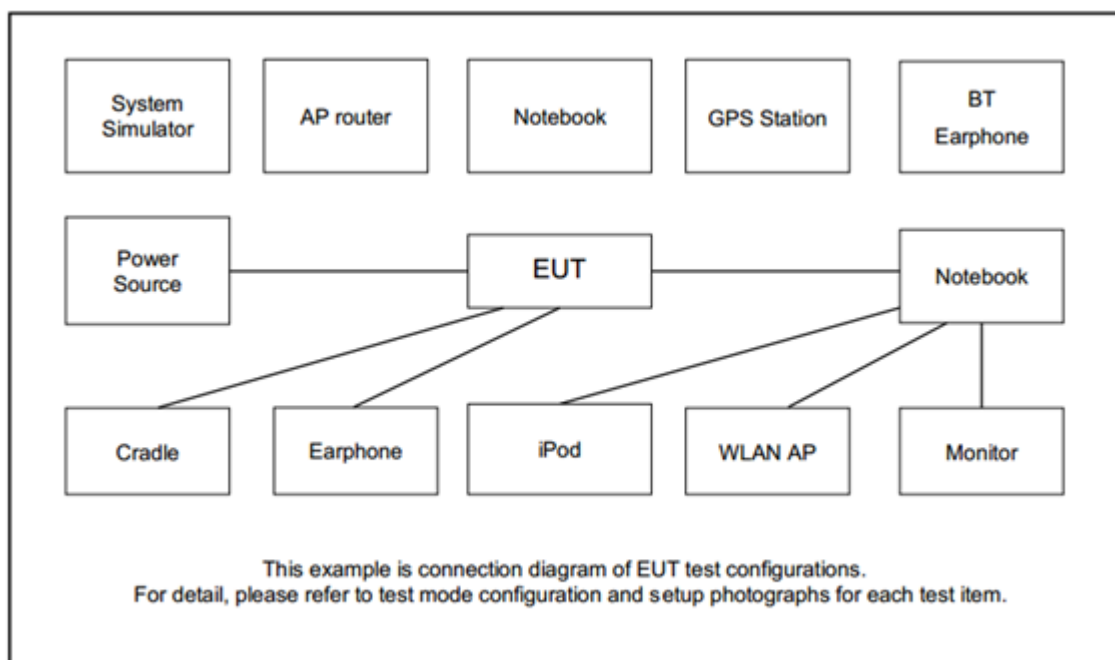
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

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	20MHz	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 modulation of QPSK and 16QAM, the maximum power of QPSK and 16QAM is higher than other modulation(64QAM and 256QAM), therefore, according to engineering evaluation, we choose higher power (QPSK and 16QAM) to perform tests and show in the report.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	Earphone	Motorola	JYN1181B	N/A	Unshielded, 1.2m	N/A

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	3625	3690
15	Channel	55315	55990	56665
	Frequency	3557.5	3625	3692.5
10	Channel	55290	55990	56690
	Frequency	3555	3625	3695
5	Channel	55265	55990	56715
	Frequency	3552.5	3625	3697.5

LTE Band 48C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	55340	55891	56442
		Frequency	3560	3615.1	3670.2
	SCC	Channel	55538	56089	56640
		Frequency	3579.8	3634.9	3690.0
20 + 15	PCC	Channel	55340	55916	56491
		Frequency	3560	3617.6	3675.1
	SCC	Channel	55511	56087	56662
		Frequency	3577.1	3634.7	3692.2
15 + 20	PCC	Channel	55318	55893	56469
		Frequency	3557.8	3615.3	3672.9
	SCC	Channel	55489	56064	56640
		Frequency	3574.9	3632.4	3690.0
20 + 10	PCC	Channel	55340	55941	56541
		Frequency	3560	3620.1	3680.1
	SCC	Channel	55484	56085	56685
		Frequency	3574.4	3634.5	3694.5
10 + 20	PCC	Channel	55295	55896	56496
		Frequency	3555.5	3615.6	3675.6
	SCC	Channel	55439	56040	56640
		Frequency	3569.9	3630	3690
20 + 5	PCC	Channel	55340	55965	56590
		Frequency	3560	3622.5	3685
	SCC	Channel	55457	56082	56707
		Frequency	3571.7	3634.2	3696.7
5 + 20	PCC	Channel	55273	55896	56523
		Frequency	3553.3	3615.6	3678.3
	SCC	Channel	55390	56015	56640
		Frequency	3565	3627.5	3690.0

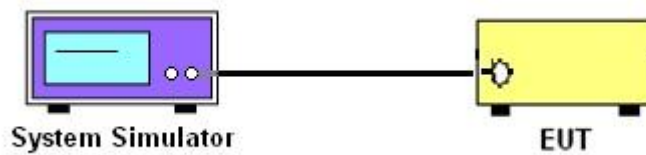
3 Conducted Test Items

3.1 Measuring Instruments

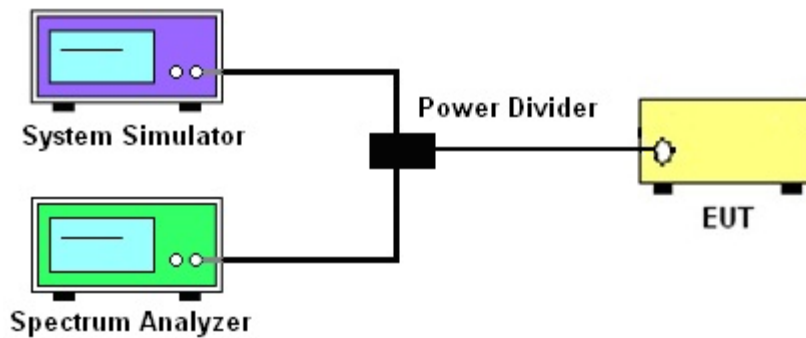
See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 EIRP



3.1.4 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power Measurement

3.2.1 Description of the Conducted Output Power Measurement

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. 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 base station.
2. Set EUT at maximum power through base station.
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

PT = transmitter output power in dBm

GT = gain of the transmitting antenna in dBi

LC = 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.

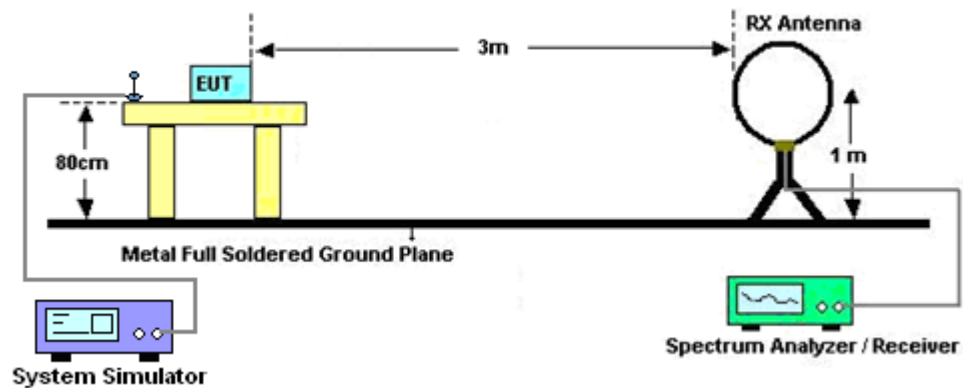
4 Radiated Test Items

4.1 Measuring Instruments

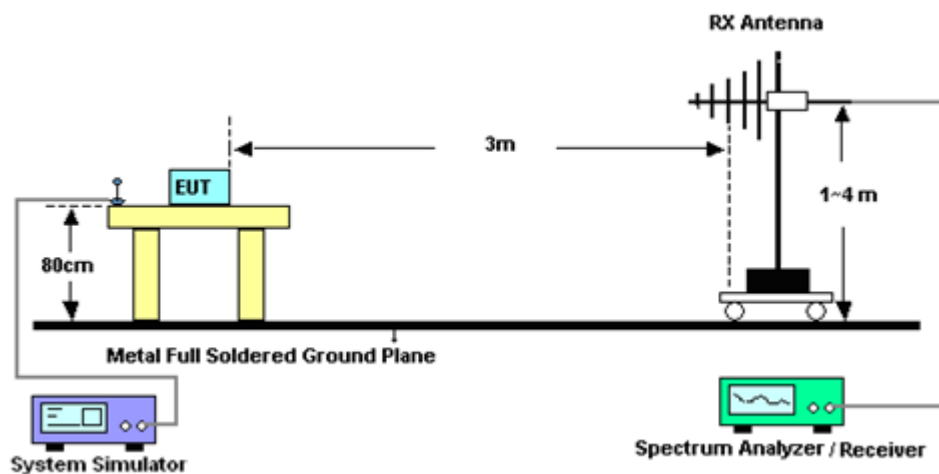
See list of measuring instruments of this test report.

4.2 Test Setup

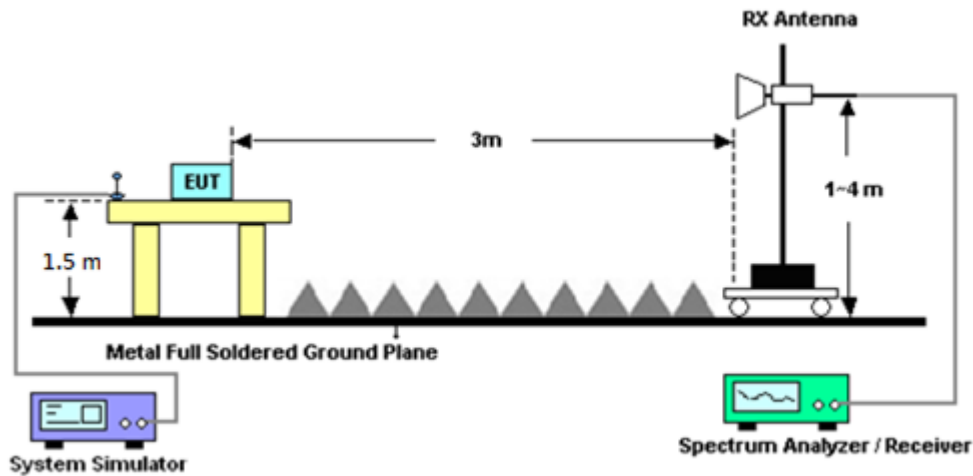
For radiated test below 30MHz



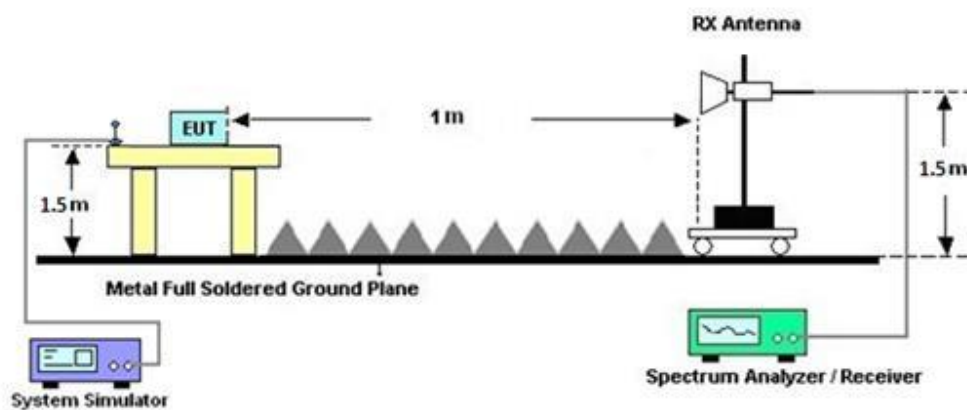
For radiated test from 30MHz to 1GHz



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

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E.

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 for frequency below 1GHz and 1.5 meter 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. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
8. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
9. ERP (dBm) = EIRP (dBm) - 2.15
10. 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	100315	9 kHz~30 MHz	Mar. 06, 2025	Dec. 30, 2025~ Jan. 03, 2026	Mar. 05, 2026	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	37059 & 01	30MHz~1GHz	Nov. 26, 2025	Dec. 30, 2025~ Jan. 03, 2026	Nov. 25, 2026	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-022 94	1GHz~18GHz	Jun. 06, 2025	Dec. 30, 2025~ Jan. 03, 2026	Jun. 05, 2026	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz~40GHz	Jul. 02, 2025	Dec. 30, 2025~ Jan. 03, 2026	Jul. 01, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 13, 2025	Dec. 30, 2025~ Jan. 03, 2026	Feb. 12, 2026	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 14, 2025	Dec. 30, 2025~ Jan. 03, 2026	Feb. 13, 2026	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2025	Dec. 30, 2025~ Jan. 03, 2026	May 25, 2026	Radiation (03CH15-HY)
Preamplifier	SONOMA	310N	363440	9 kHz~1GHz	Dec. 18, 2025	Dec. 30, 2025~ Jan. 03, 2026	Dec. 17, 2026	Radiation (03CH15-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY532900 45	20Hz~8.4GHz	Apr. 21, 2025	Dec. 30, 2025~ Jan. 03, 2026	Apr. 20, 2026	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY602410 58	10Hz~44Gz	Jul. 15, 2025	Dec. 30, 2025~ Jan. 03, 2026	Jul. 14, 2026	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 30, 2025~ Jan. 03, 2026	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 30, 2025~ Jan. 03, 2026	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_23062 1	RK-00239 4	N/A	N/A	Dec. 30, 2025~ Jan. 03, 2026	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY519228 /2,803950/ 2,508407/2 E	30MHz~40GHz	Sep. 24, 2025	Dec. 30, 2025~ Jan. 03, 2026	Sep. 23, 2026	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8 04012/2	18-40G	Dec. 18, 2025	Dec. 30, 2025~ Jan. 03, 2026	Dec. 17, 2026	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN2	N/A	Aug. 26, 2025	Dec. 30, 2025~ Jan. 03, 2026	Aug. 25, 2026	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	Dec. 09, 2025~ Jan. 04, 2026	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861546	0V~64V ; 0A~6A	Jun. 03, 2025	Dec. 09, 2025~ Jan. 04, 2026	Jun. 02, 2026	Conducted (TH05-HY)
Coupler	MVE	MVE4816	#Y	0.5~18GHz	Oct. 16, 2025	Dec. 09, 2025~ Jan. 04, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101907	10Hz~40GHz	Aug. 25, 2025	Dec. 09, 2025~ Jan. 04, 2026	Aug. 24, 2026	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	May 12, 2025	Dec. 09, 2025~ Jan. 04, 2026	May 11, 2026	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Dec. 09, 2025~ Jan. 04, 2026	Jun. 12, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Dec. 09, 2025~ Jan. 04, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECEPIL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Dec. 09, 2025~ Jan. 04, 2026	Mar. 02, 2026	Conducted (TH05-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
---	--------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3 dB
---	--------

Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
---	--------

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.28	21.13	21.18	22.54	0.1795
20	1	49		21.51	21.23	21.49		
20	1	99		21.43	21.17	21.61		
20	50	0		20.40	20.24	20.36		
20	50	24		20.49	20.23	20.48		
20	50	50		20.52	20.19	20.62		
20	100	0		20.49	20.18	20.46		
20	1	0	16-QAM	20.36	20.20	20.27	21.62	0.1452
20	1	49		20.57	20.31	20.56		
20	1	99		20.49	20.23	20.69		
20	50	0		19.43	19.24	19.36		
20	50	24		19.52	19.22	19.49		
20	50	50		19.51	19.22	19.60		
20	100	0		19.47	19.22	19.47		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.17	21.10	21.09	22.44	0.1754
15	1	37		21.47	21.22	21.48		
15	1	74		21.35	21.11	21.51		
15	36	0		20.33	20.18	20.24		
15	36	20		20.40	20.14	20.39		
15	36	39		20.39	20.07	20.60		
15	75	0		20.38	20.03	20.42		
15	1	0	16-QAM	20.31	20.17	20.17	21.55	0.1429
15	1	37		20.45	20.26	20.47		
15	1	74		20.38	20.11	20.62		
15	36	0		19.28	19.13	19.27		
15	36	20		19.39	19.12	19.38		
15	36	39		19.47	19.19	19.55		
15	75	0		19.38	19.16	19.43		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.20	21.10	21.04	22.51	0.1782
10	1	25		21.49	21.17	21.40		
10	1	49		21.38	21.12	21.58		
10	25	0		20.31	20.11	20.32		
10	25	12		20.45	20.19	20.39		
10	25	25		20.42	20.11	20.60		
10	50	0		20.36	20.16	20.39		
10	1	0	16-QAM	20.33	20.08	20.22	21.58	0.1439
10	1	25		20.52	20.19	20.51		
10	1	49		20.41	20.11	20.65		
10	25	0		19.34	19.15	19.26		
10	25	12		19.42	19.16	19.38		
10	25	25		19.40	19.14	19.48		
10	50	0		19.35	19.11	19.42		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.16	21.03	21.12	22.40	0.1738
5	1	12		21.38	21.18	21.42		
5	1	24		21.36	21.08	21.47		
5	12	0		20.35	20.20	20.25		
5	12	7		20.36	20.21	20.35		
5	12	13		20.44	20.15	20.53		
5	25	0		20.36	20.11	20.39		
5	1	0	16-QAM	20.23	20.16	20.25	21.51	0.1416
5	1	12		20.51	20.19	20.45		
5	1	24		20.44	20.21	20.58		
5	12	0		19.34	19.22	19.26		
5	12	7		19.49	19.12	19.36		
5	12	13		19.42	19.12	19.53		
5	25	0		19.36	19.18	19.37		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 0.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	18.78	18.74	18.89	21.67	0.1469
20+20	1	0	1	99		11.36	11.51	11.73		
20+20	1	99	1	0		20.74	20.56	20.64		
20+20	100	0	100	0	16-QAM	17.83	17.79	17.88	21.2	0.1318
20+20	1	0	1	99		11.81	11.93	12.17		
20+20	1	99	1	0		20.27	20.09	20.15		
20+15	100	0	75	0	QPSK	18.86	18.82	18.97	21.75	0.1496
20+15	1	0	1	74		11.50	11.66	11.85		
20+15	1	99	1	0		20.78	20.59	20.82		
20+15	100	0	75	0	16-QAM	17.85	17.81	17.96	21.24	0.1330
20+15	1	0	1	74		11.97	12.10	12.30		
20+15	1	99	1	0		20.26	20.12	20.31		
15+20	75	0	100	0	QPSK	18.84	18.79	18.90	21.78	0.1507
15+20	1	0	1	99		11.70	11.80	11.97		
15+20	1	74	1	0		20.85	20.82	20.78		
15+20	75	0	100	0	16-QAM	17.78	17.75	17.91	21.26	0.1337
15+20	1	0	1	99		12.13	12.25	12.42		
15+20	1	74	1	0		20.33	20.29	20.30		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

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

Part 96 LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 0.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	18.89	18.89	18.99	21.79	0.1510
20+10	1	0	1	49		11.70	11.76	11.90		
20+10	1	99	1	0		20.72	20.59	20.86		
20+10	100	0	50	0	16-QAM	17.88	17.92	18.05	21.28	0.1343
20+10	1	0	1	49		12.13	12.22	12.37		
20+10	1	99	1	0		20.22	20.07	20.35		
10+20	50	0	100	0	QPSK	18.75	18.75	18.97	21.5	0.1413
10+20	1	0	1	99		11.63	11.71	11.90		
10+20	1	49	1	0		20.56	20.57	20.57		
10+20	50	0	100	0	16-QAM	17.75	17.74	17.97	21.03	0.1268
10+20	1	0	1	99		12.09	12.19	12.39		
10+20	1	49	1	0		20.06	20.10	20.09		
20+5	100	0	25	0	QPSK	18.92	18.88	19.08	21.82	0.1521
20+5	1	0	1	24		11.80	11.86	12.07		
20+5	1	99	1	0		20.71	20.54	20.89		
20+5	100	0	25	0	16-QAM	17.94	17.93	18.15	21.33	0.1358
20+5	1	0	1	24		12.22	12.29	12.55		
20+5	1	99	1	0		20.17	20.02	20.40		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

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

Part 96 LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 0.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	18.74	18.73	18.99	21.55	0.1429
5+20	1	0	1	99		11.76	11.79	12.06		
5+20	1	24	1	0		20.47	20.62	20.60		
5+20	25	0	100	0	16-QAM	17.82	17.76	18.06	21.02	0.1265
5+20	1	0	1	99		12.19	12.26	12.55		
5+20	1	24	1	0		19.92	20.09	20.08		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

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



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Sam, Quentin Liu and Bigshow	Relative Humidity(%):	50.0 ~ 60.0
		Temperature(°C):	20.0 ~ 25.0

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
17	LTE B48	Part 96	L	14208	-55.12	RMS	40.37	-35.43	0.54	-95.23	34.63	-40.00	-15.12	H	8

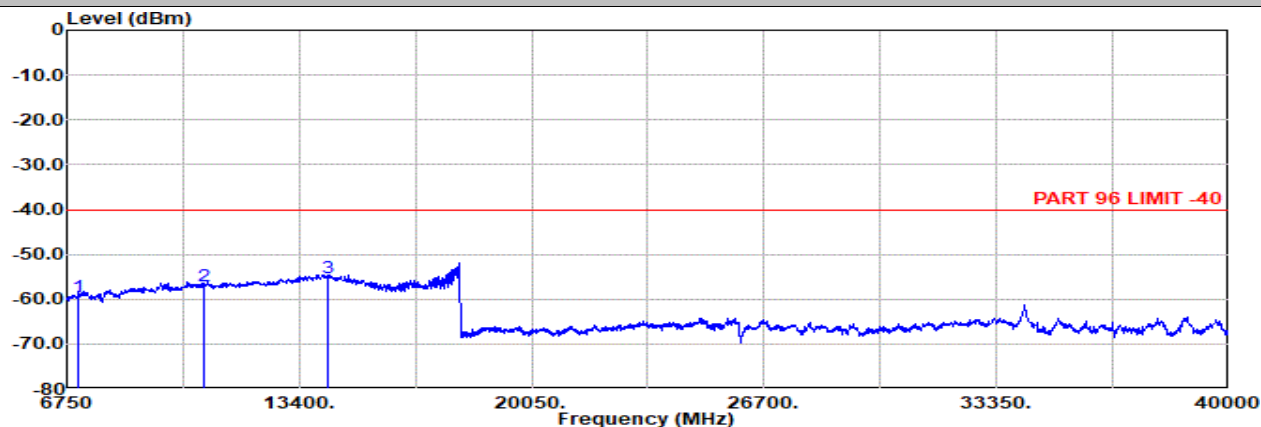


Ant 8

Part 96 Mode 17

LTE B48 20M Ch55340 1RB0 QPSK

L

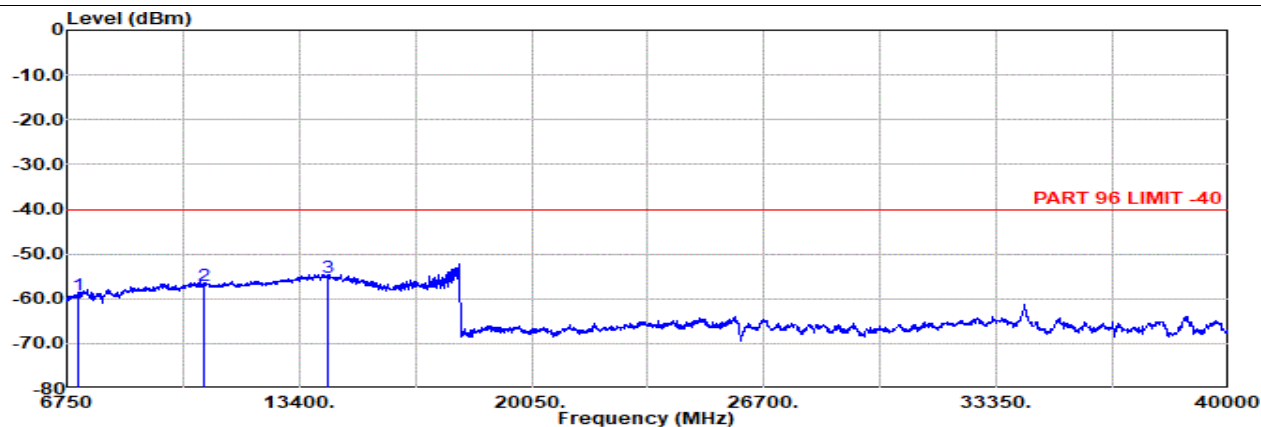


Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Horizontal

: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7098.75	-59.52	RMS	36.39	-43.80	1.01	-95.23	42.11	-40.00	-19.52	Horizontal
2	10653.75	-57.08	RMS	39.11	-39.43	0.68	-95.23	37.79	-40.00	-17.08	Horizontal
3	14208.75	-55.12	RMS	40.37	-35.43	0.54	-95.23	34.63	-40.00	-15.12	Horizontal



Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Vertical

: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7098.75	-59.24	RMS	36.39	-43.80	1.01	-95.23	42.39	-40.00	-19.24	Vertical
2	10653.75	-57.03	RMS	39.11	-39.43	0.68	-95.23	37.84	-40.00	-17.03	Vertical
3	14208.75	-55.23	RMS	40.37	-35.43	0.54	-95.23	34.52	-40.00	-15.23	Vertical

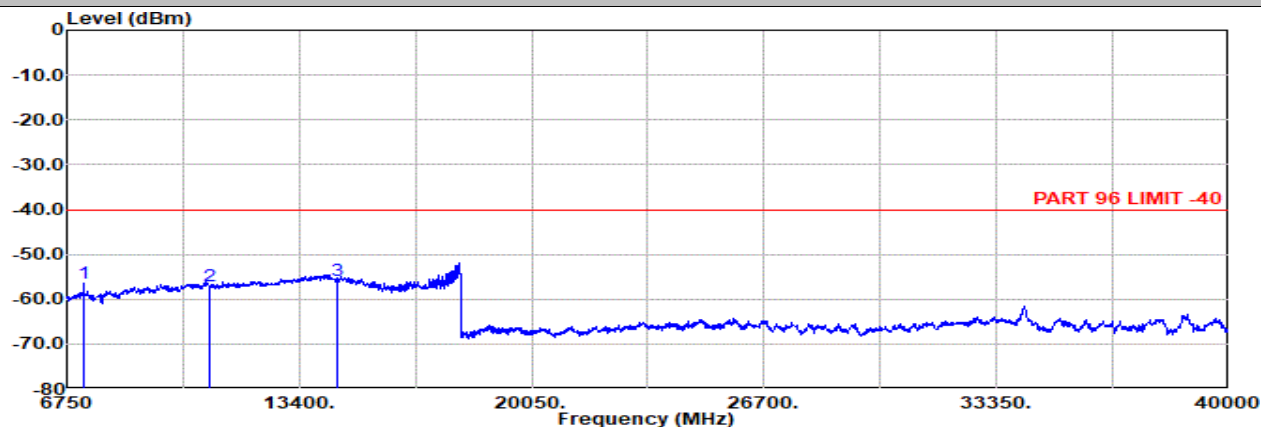


Ant 8

Part 96 Mode 17

LTE B48 20M Ch55990 1RB0 QPSK

M

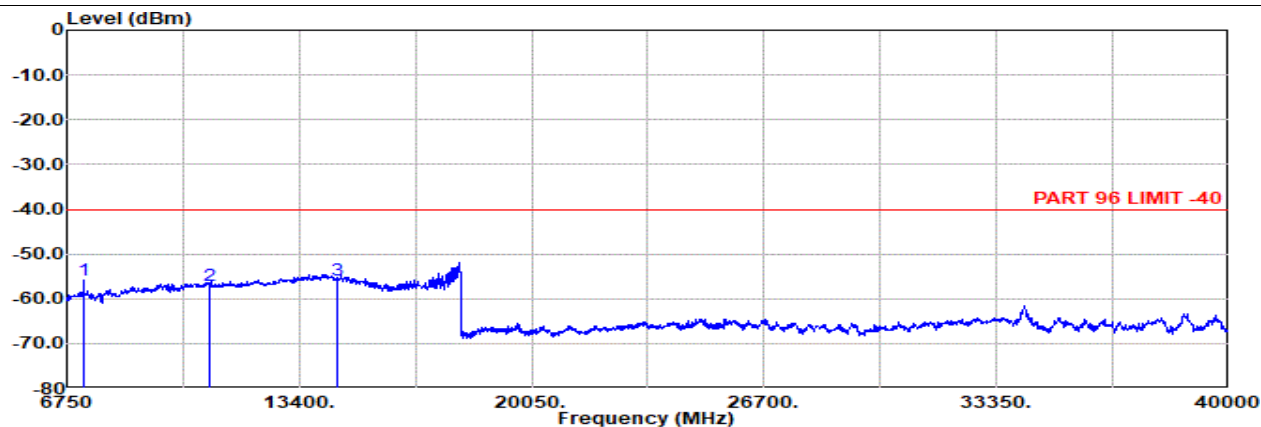


Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin Pol	
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7233.75	-56.57	RMS		36.87	-43.79	0.93	-95.23	44.65	-40.00	-16.57	Horizontal
2	10845.00	-57.15	RMS		39.01	-39.20	0.66	-95.23	37.61	-40.00	-17.15	Horizontal
3	14467.50	-55.95	RMS		39.97	-35.36	0.53	-95.23	34.14	-40.00	-15.95	Horizontal



Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Vertical

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin Pol	
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7233.75	-55.97	RMS		36.87	-43.79	0.93	-95.23	45.25	-40.00	-15.97	Vertical
2	10845.00	-56.99	RMS		39.01	-39.20	0.66	-95.23	37.77	-40.00	-16.99	Vertical
3	14467.50	-55.92	RMS		39.97	-35.36	0.53	-95.23	34.17	-40.00	-15.92	Vertical

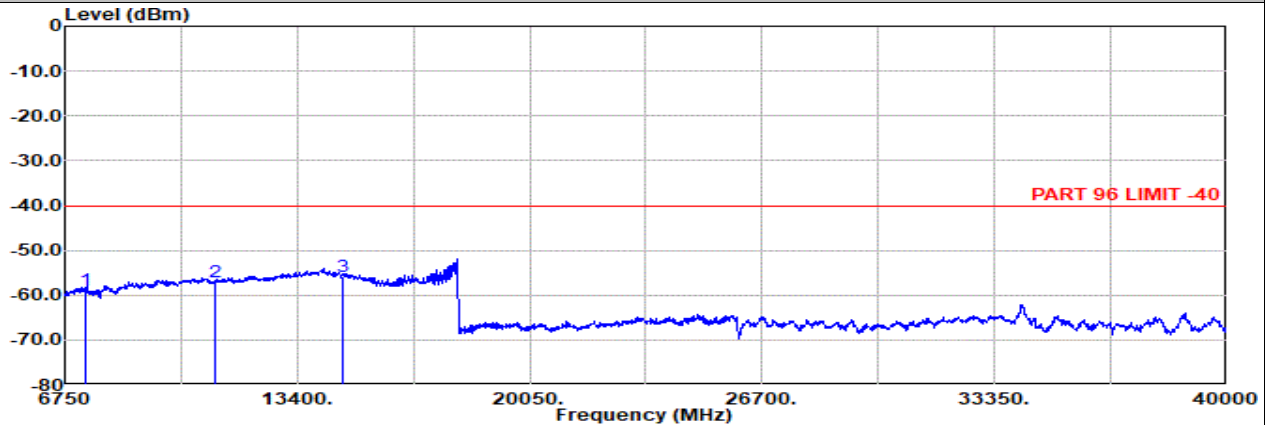


Ant 8

Part 96 Mode 17

LTE B48 20M Ch56640 1RB0 QPSK

H

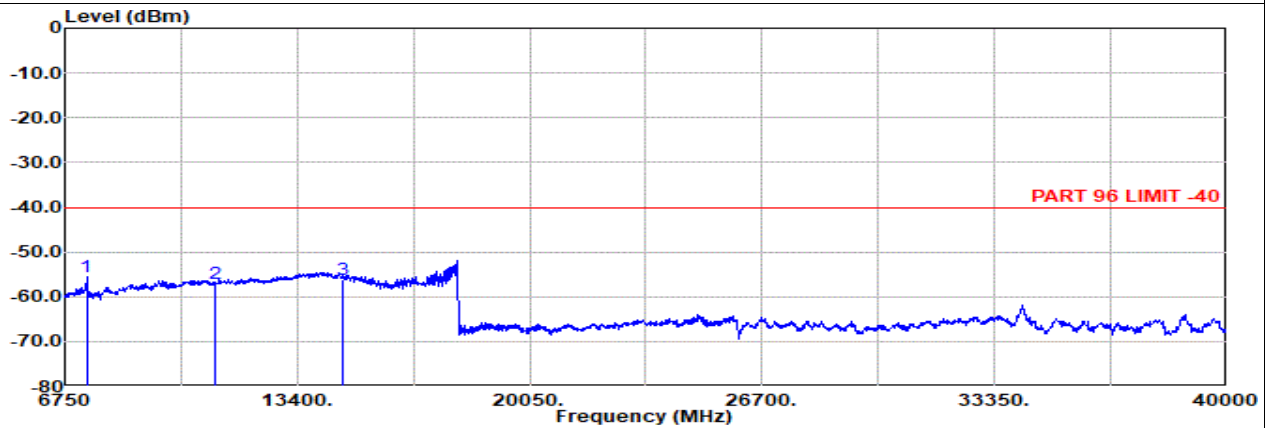


Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Horizontal

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7357.50	-58.98	RMS	36.65	-43.76	0.87	-95.23	42.48	-40.00	-18.98 Horizontal
2	11047.50	-56.98	RMS	38.70	-38.93	0.63	-95.23	37.85	-40.00	-16.98 Horizontal
3	14726.25	-55.84	RMS	39.77	-35.25	0.52	-95.23	34.35	-40.00	-15.84 Horizontal



Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Vertical

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7368.75	-55.40	RMS	36.59	-43.76	0.87	-95.23	46.13	-40.00	-15.40 Vertical
2	11047.50	-57.12	RMS	38.70	-38.93	0.63	-95.23	37.71	-40.00	-17.12 Vertical
3	14726.25	-56.06	RMS	39.77	-35.25	0.52	-95.23	34.13	-40.00	-16.06 Vertical

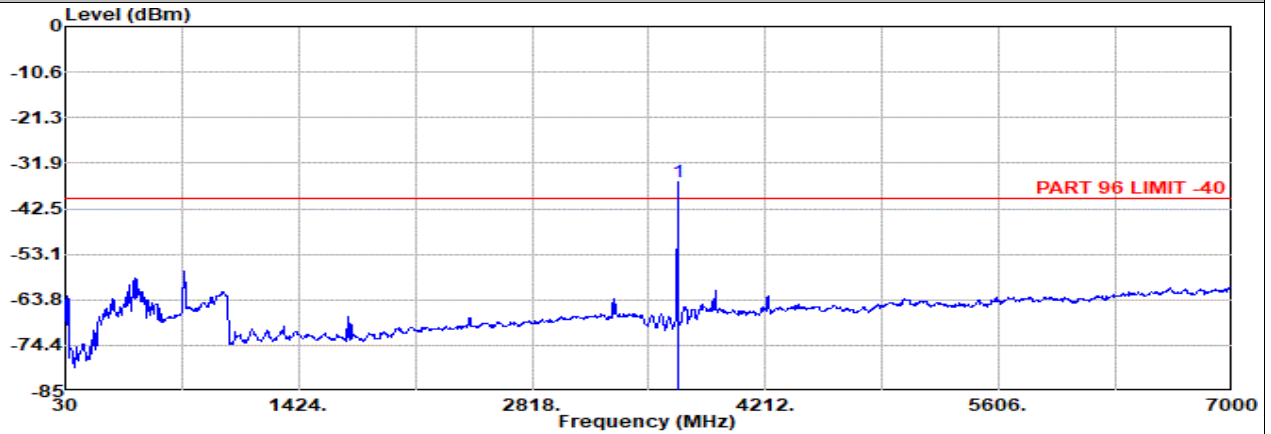


Ant 8

Part 96 Mode 17

LTE B48 20M Ch56640 1RB0 QPSK

H



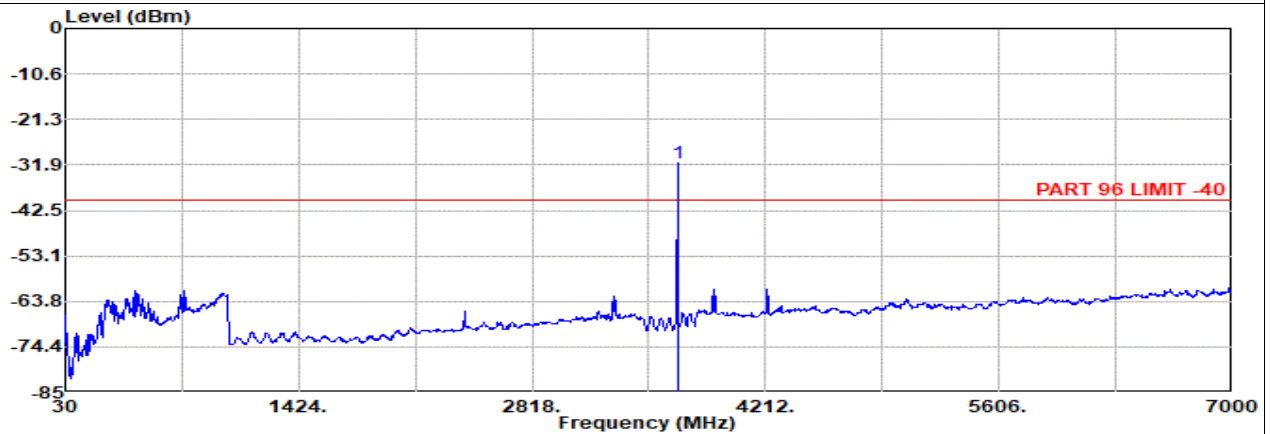
Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m BBHA 9120 D_9120D-02038 Horizontal

: LTE Band 48 20M Ch56640 1RB1 QPSK

: #1 is fundamental signal which can be ignored

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1					
1	3688.00	-36.13	Average	29.85	-51.26	0.61	-95.23	79.90	-40.00	3.87 Horizontal



Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m BBHA 9120 D_9120D-02038 Vertical

: LTE Band 48 20M Ch56640 1RB1 QPSK

: #1 is fundamental signal which can be ignored

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1					
1	3688.00	-31.44	Average	29.85	-51.26	0.61	-95.23	0.00	-40.00	8.56 Vertical

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