



FCC RADIO TEST REPORT

FCC ID : B94HNI69CKLR
Equipment : Tablet
Brand Name : HP
Model Name : HSN-I69C
Applicant : HP Inc.
1501 Page Mill Road, Palo Alto CA, 94304, USA
Standard : FCC 47 CFR Part 2, 96

The product was received on May 15, 2026 and testing was performed from May 30, 2026 to Sep. 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 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.

Louis Wu

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	5
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 Measurement Results Explanation Example	8
2.5 Frequency List of Low/Middle/High Channels	9
3 Conducted Test Items	13
3.1 Measuring Instruments	13
3.2 Conducted Output Power Measurement	14
3.3 EIRP and Power Density	15
4 Radiated Test Items	16
4.1 Measuring Instruments	16
4.2 Test Setup	16
4.3 Test Result of Radiated Test	17
4.4 Radiated Spurious Emission	18
5 List of Measuring Equipment.....	19
6 Measurement Uncertainty	21
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
FG651406-01D	01	Initial issue of report	Sep. 07, 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	Pass	-
		Power Density	Pass	-
-	§2.1049	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:

1. For host device, Radiated Spurious Emission, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report.
2. For host device, the Conducted Output Power is no difference after compared to module (Model: RW350R-GL).

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/manufacture 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: Sheng Kuo**Report Producer: Julia Chang**



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 and GNSS.
Integrated WLAN Module	Brand Name: Intel Model Name: BE211D2W FCC ID: PD9BE211D2
Antenna Type	WWAN: PIFA Antenna WLAN: <Main>: PIFA Antenna <Aux.>: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/BDS/Galileo: PIFA Antenna

TDD band Power Class		
	PC3	PC2
B42	V	-
B43	V	-
B48	V	-

WWAN Antenna Information				
Antenna 5	Manufacturer	Vendor 1	Peak gain (dBi)	LTE Band 48: 2.03
	Part number	6036B0401201 (260-27614)	Type	PIFA
Antenna 8	Manufacturer	Vendor 1	Peak gain (dBi)	LTE Band 42: -0.89 LTE Band 43: -1.57 LTE Band 48: -1.93
	Part number	6036B0401001 (260-27617)	Type	PIFA

Remark: The EUT's information above is 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	03CH10-HY
Test Engineer	Yuki Chen	Gerry Wei 、 Tim Lee 、 Wilson Wu
Temperature (°C)	22.2~22.8	23.6~24.1
Relative Humidity (%)	53.3~55.4	53.5~56.7

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
- ♦ FCC 47 CFR Part 2, 96
- ♦ FCC KDB 971168 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP
- ♦ 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.

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 Tablet Mode (three orthogonal axis (X: flat, Y: portrait, Z: landscape)) and Notebook Mode, and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

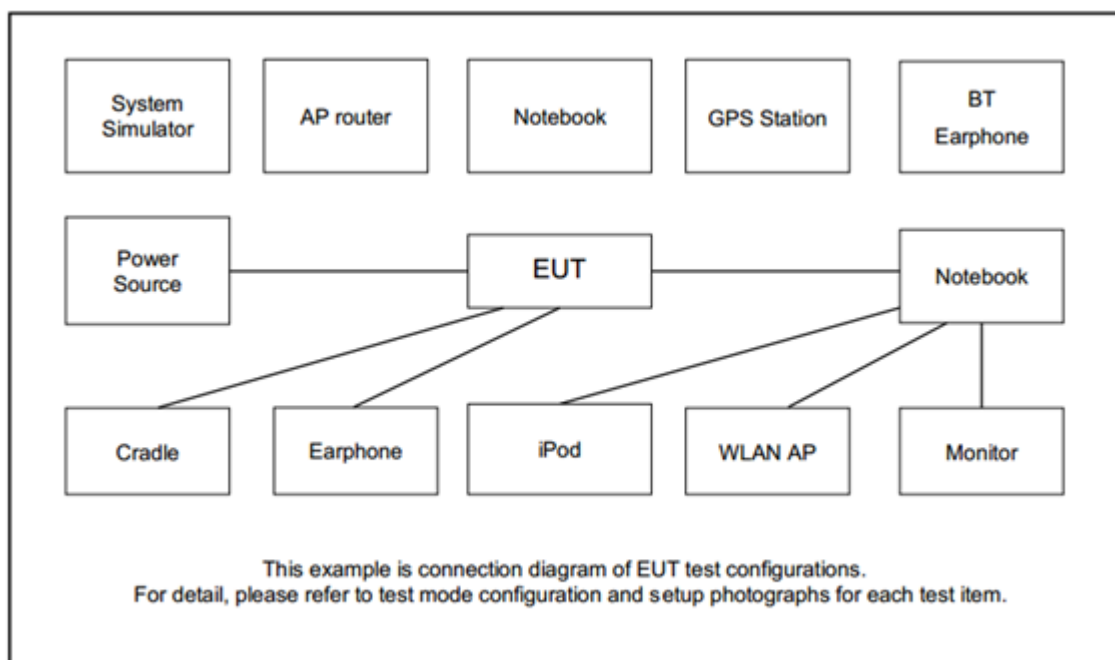
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1RB	L, M, H
RSE	A	20+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. During the RSE preliminary test, the standalone mode and charging modes were verified. It is determined that the charging modes is the worst case for the official test.

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	8000A	N/A	N/A	N/A
2.	Base Station	Anritsu	8820C	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.5 dB and 10dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.5 + 10 = 14.5 \text{ (dB)} \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

LTE Band 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	43190	43340	43490
	Frequency	3560.0	3575.0	3590.0
15	Channel	43165	43340	43515
	Frequency	3557.5	3575.0	3592.5
10	Channel	43140	43340	43540
	Frequency	3555.0	3575.0	3595.0
5	Channel	43115	43340	43565
	Frequency	3552.5	3575.0	3597.5

LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	43690	44090	44490
	Frequency	3610	3650	3690
15	Channel	43665	44090	44515
	Frequency	3607.5	3650	3692.5
10	Channel	43640	44090	44540
	Frequency	3605	3650	3695
5	Channel	43615	44090	44565
	Frequency	3602.5	3650	3697.5



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 42C 3550MHz ~ 3600MHz Channel and Frequency List_CA (Part96)					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	43190	43241	43292
		Frequency	3560.0	3565.1	3570.2
	SCC	Channel	43388	43439	43490
		Frequency	3579.8	3584.9	3590.0
20 + 15	PCC	Channel	42190	42517	42844
		Frequency	3560.0	3567.6	3575.4
	SCC	Channel	42990	42688	43015
		Frequency	3577.1	3584.7	3592.5
15 + 20	PCC	Channel	42165	42492	42819
		Frequency	3557.5	3565.3	3572.9
	SCC	Channel	42336	42663	42990
		Frequency	3574.6	3582.4	3590.0
20 + 10	PCC	Channel	42190	42543	42896
		Frequency	3560.0	3570.1	3580.6
	SCC	Channel	42334	42687	43040
		Frequency	3574.4	3584.5	3595.0
10 + 20	PCC	Channel	42140	42493	42846
		Frequency	3555.0	3565.6	3575.6
	SCC	Channel	42284	42637	42990
		Frequency	3569.4	3580.0	3590.0
20 + 5	PCC	Channel	42190	42569	42948
		Frequency	3560.0	3572.5	3585.8
	SCC	Channel	42307	42686	43065
		Frequency	3571.7	3584.2	3597.5
5 + 20	PCC	Channel	42115	42949	42873
		Frequency	3552.5	3565.8	3578.3
	SCC	Channel	42232	42611	42990
		Frequency	3564.2	3577.5	3590.0



LTE Band 48C 3550MHz ~ 3700MHz Channel and Frequency List_CA (Part96)					
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

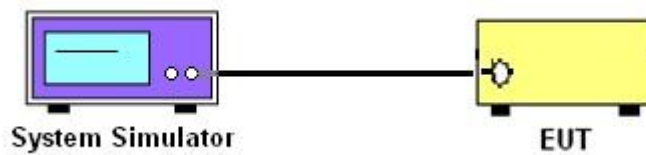
3 Conducted Test Items

3.1 Measuring Instruments

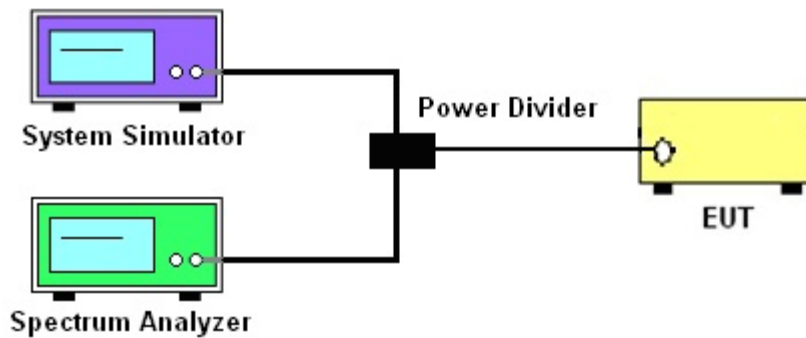
See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 EIRP and Power Density



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 and Power Density

3.3.1 Description of the EIRP and Power Density 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,

$EIRP = P_T + G_T - LC$, where

P_T = transmitter output power in dBm

G_T = 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.

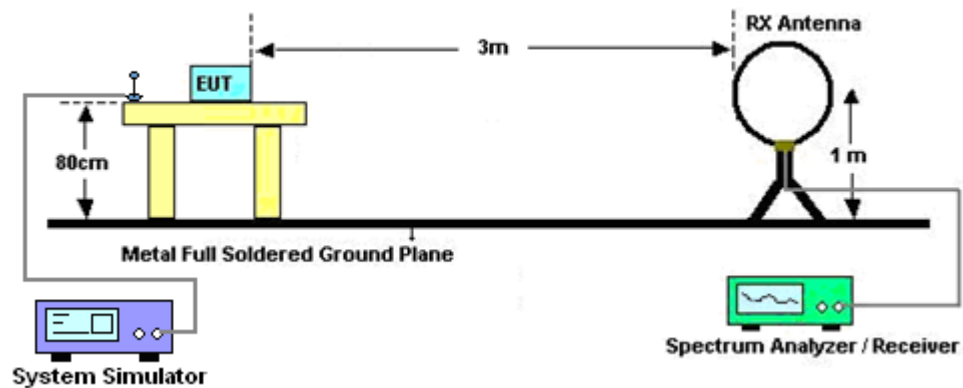
4 Radiated Test Items

4.1 Measuring Instruments

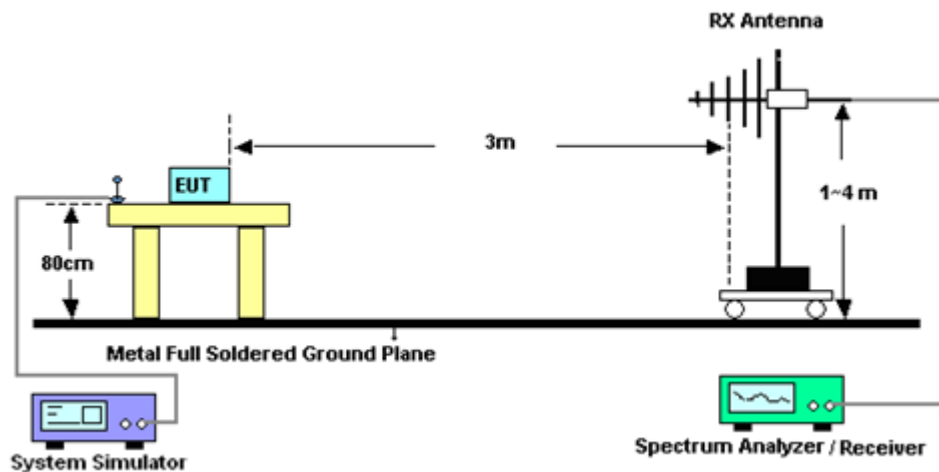
See list of measuring instruments of this test report.

4.2 Test Setup

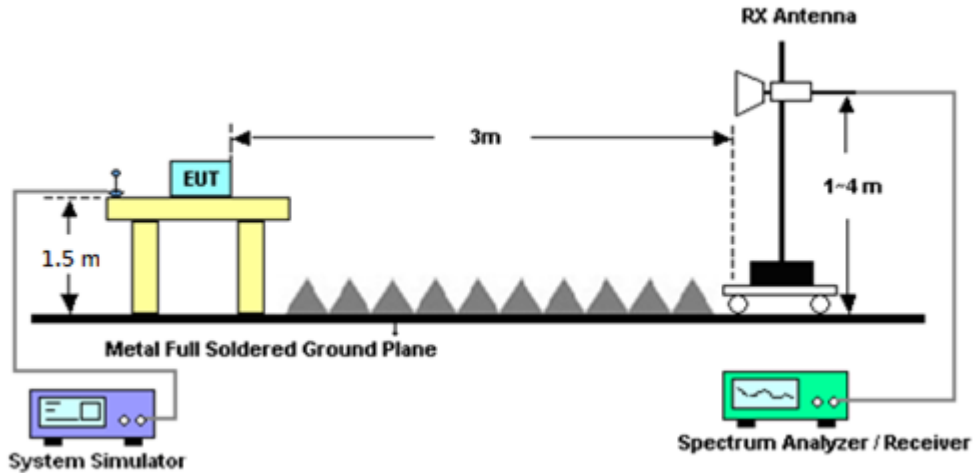
For radiated test below 30MHz



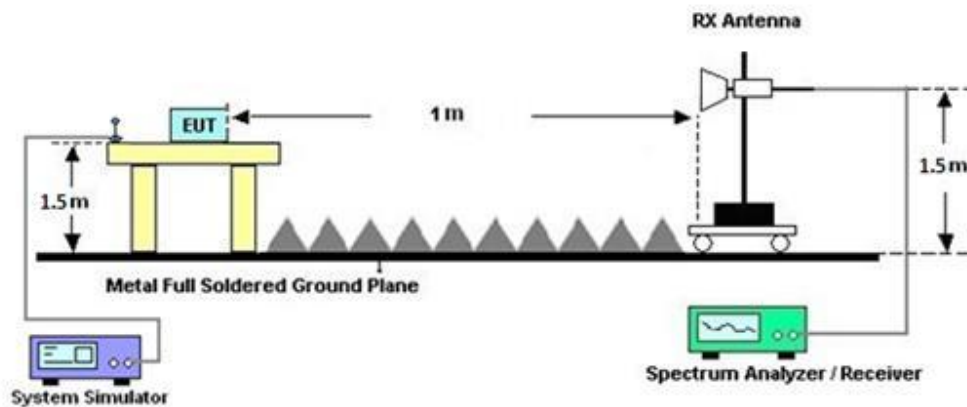
For radiated test from 30MHz to 1GHz



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 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 5.5.7 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. 16, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Mar. 15, 2027	Radiation (03CH12-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Dec. 10, 2026	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	37059 & 01	30MHz~1GHz	Nov. 26, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Nov. 25, 2026	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 18, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Mar. 17, 2027	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-121 2	1GHz~18GHz	Apr. 24, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Apr. 23, 2027	Radiation (03CH12-HY)
Amplifier	EMCI	EMC051845S E	980729	1-18GHz	Dec. 17, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Dec. 16, 2026	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY534701 18	10Hz~44GHz	Sep. 09, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Sep. 08, 2026	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY532900 53	20Hz~26.5GHz	Sep. 08, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Sep. 07, 2026	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Aug. 12, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Aug. 11, 2027	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Dec. 01, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLK4-1000-1 530-8000-40S S	SN111	1.53GHz Low Pass Filter	Nov. 04, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Nov. 03, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-900 -1000-15000- 60SS	SN11	1GHz High Pass Filter	Mar. 11, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-270 0-3000-18000 -60ST	SN2	3GHz High Pass Filter	Mar. 11, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX8-5872. 5-6750-18000 -40ST	SN2	6.75GHz High Pass Filter	Mar. 11, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Oct. 31, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Oct. 31, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM -KM-1000	240905	30MHz~40GHz	Oct. 31, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFL EX 104	EC-A5-300 -5757,805 935/4	9kHz~30MHz	Oct. 01, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	Sep. 30, 2026	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP200722	N/A	Mar. 04, 2026	Aug. 23, 2026 ~ Sep. 04, 2026	Mar. 03, 2027	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 23, 2026 ~ Sep. 04, 2026	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 23, 2026 ~ Sep. 04, 2026	N/A	Radiation (03CH12-HY)
Radio Communication Test Station	Anritsu	MT8000A	626213493 3	FR1 (+MT8821C SN:6262116730)	May 13, 2025	Aug. 23, 2026 ~ Sep. 04, 2026	May 12, 2027	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 23, 2026 ~ Sep. 04, 2026	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-00098 9	N/A	N/A	Aug. 23, 2026 ~ Sep. 04, 2026	N/A	Radiation (03CH12-HY)
Radio Communication Analyzer	Anritsu	MT8821C	626202534 1	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	May 30, 2026~ Aug. 04, 2026	Sep. 15, 2026	Conducted (TH05-HY)
Power divider	MVE	MVE8283	#Z	0.009MHz-18G Hz	Oct. 16, 2025	May 30, 2026~ Aug. 04, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Power Divider	MVE	MVE8283	F201918	9KHz~40GHz	Dec. 31, 2025	May 30, 2026~ Aug. 04, 2026	Dec. 30, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	May 30, 2026~ Aug. 04, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 04, 2026	May 30, 2026~ Aug. 04, 2026	Mar. 03, 2027	Conducted (TH05-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

<Antenna 8>

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.96	21.44	21.25	19.51	0.0893
20	1	49		21.04	21.26	21.30		
20	1	99		20.98	21.25	21.24		
20	50	0		19.98	20.41	20.23		
20	50	24		20.00	20.32	20.28		
20	50	50		20.02	20.35	20.29		
20	100	0		19.99	20.34	20.25		
20	1	0	16-QAM	19.99	20.28	20.27	18.52	0.0711
20	1	49		20.05	20.45	20.34		
20	1	99		20.01	20.28	20.28		
20	50	0		18.99	19.33	19.25		
20	50	24		19.01	19.43	19.29		
20	50	50		19.02	19.35	19.31		
20	100	0		19.00	19.34	19.26		
20	1	0	64-QAM	18.60	18.88	18.88	17.11	0.0514
20	1	49		18.65	19.04	18.91		
20	1	99		18.63	18.90	18.89		
20	50	0		17.97	18.29	18.21		
20	50	24		17.97	18.35	18.24		
20	50	50		17.97	18.31	18.26		
20	100	0		17.96	18.30	18.22		
20	1	0	256-QAM	15.74	16.03	16.03	14.52	0.0283
20	1	49		15.86	16.24	16.12		
20	1	99		15.77	16.08	16.04		
20	50	0		16.06	16.38	16.30		
20	50	24		16.06	16.45	16.33		
20	50	50		16.06	16.39	16.32		
20	100	0		16.01	16.33	16.25		
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 = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.94	21.40	21.19	19.47	0.0885
15	1	37		20.96	21.15	21.18		
15	1	74		20.86	21.22	21.17		
15	36	0		19.91	20.33	20.20		
15	36	20		19.86	20.20	20.17		
15	36	39		19.87	20.28	20.23		
15	75	0		19.88	20.32	20.24		
15	1	0	16-QAM	19.94	20.17	20.19	18.39	0.0690
15	1	37		19.91	20.32	20.24		
15	1	74		19.95	20.22	20.14		
15	36	0		18.97	19.19	19.17		
15	36	20		18.95	19.28	19.20		
15	36	39		18.98	19.31	19.23		
15	75	0		18.96	19.27	19.11		
15	1	0	64-QAM	18.58	18.83	18.77	17.06	0.0508
15	1	37		18.55	18.99	18.82		
15	1	74		18.60	18.86	18.84		
15	36	0		17.90	18.26	18.11		
15	36	20		17.92	18.23	18.16		
15	36	39		17.95	18.17	18.15		
15	75	0		17.82	18.19	18.18		
15	1	0	256-QAM	15.64	15.89	15.89	14.50	0.0282
15	1	37		15.74	16.14	15.98		
15	1	74		15.72	16.07	15.95		
15	36	0		15.95	16.29	16.18		
15	36	20		15.94	16.43	16.29		
15	36	39		15.94	16.34	16.27		
15	75	0		15.94	16.26	16.10		
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 = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.85	21.38	21.11	19.45	0.0881
10	1	25		20.96	21.20	21.20		
10	1	49		20.88	21.17	21.11		
10	25	0		19.86	20.32	20.14		
10	25	12		19.86	20.28	20.24		
10	25	25		19.95	20.32	20.24		
10	50	0		19.94	20.23	20.20		
10	1	0	16-QAM	19.93	20.17	20.16	18.49	0.0706
10	1	25		20.00	20.42	20.28		
10	1	49		19.87	20.21	20.19		
10	25	0		18.90	19.32	19.19		
10	25	12		18.87	19.38	19.21		
10	25	25		18.95	19.30	19.19		
10	50	0		18.94	19.25	19.15		
10	1	0	64-QAM	18.46	18.78	18.83	17.04	0.0506
10	1	25		18.55	18.97	18.77		
10	1	49		18.60	18.76	18.86		
10	25	0		17.94	18.14	18.07		
10	25	12		17.94	18.23	18.18		
10	25	25		17.93	18.19	18.17		
10	50	0		17.84	18.24	18.21		
10	1	0	256-QAM	15.65	15.98	15.89	14.43	0.0277
10	1	25		15.79	16.21	16.02		
10	1	49		15.67	16.03	15.91		
10	25	0		16.01	16.27	16.26		
10	25	12		16.04	16.36	16.23		
10	25	25		15.93	16.27	16.18		
10	50	0		15.92	16.29	16.11		
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 = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.93	21.38	21.23	19.45	0.0881
5	1	12		20.91	21.24	21.23		
5	1	24		20.88	21.12	21.17		
5	12	0		19.83	20.27	20.13		
5	12	7		19.93	20.31	20.13		
5	12	13		19.98	20.31	20.22		
5	25	0		19.93	20.24	20.11		
5	1	0	16-QAM	19.91	20.15	20.26	18.44	0.0698
5	1	12		20.04	20.37	20.19		
5	1	24		19.92	20.14	20.22		
5	12	0		18.96	19.21	19.13		
5	12	7		18.97	19.39	19.22		
5	12	13		18.95	19.25	19.25		
5	25	0		18.97	19.22	19.13		
5	1	0	64-QAM	18.56	18.83	18.75	16.96	0.0497
5	1	12		18.63	18.89	18.77		
5	1	24		18.62	18.81	18.86		
5	12	0		17.85	18.17	18.08		
5	12	7		17.86	18.34	18.11		
5	12	13		17.91	18.26	18.19		
5	25	0		17.93	18.27	18.16		
5	1	0	256-QAM	15.68	15.88	16.01	14.40	0.0275
5	1	12		15.77	16.21	16.04		
5	1	24		15.65	16.02	15.91		
5	12	0		16.00	16.31	16.21		
5	12	7		16.05	16.33	16.26		
5	12	13		15.96	16.27	16.29		
5	25	0		15.88	16.27	16.15		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.17	21.22	21.12	20.38	0.1091
20	1	49		21.27	21.13	21.21		
20	1	99		21.15	21.14	21.16		
20	50	0		21.20	21.21	21.15		
20	50	24		21.20	21.19	21.18		
20	50	50		21.15	21.17	21.17		
20	100	0		21.14	21.17	21.12		
20	1	0	16-QAM	21.21	21.19	21.16	20.43	0.1104
20	1	49		21.32	21.28	21.26		
20	1	99		21.18	21.16	21.20		
20	50	0		21.24	21.23	21.21		
20	50	24		21.23	21.26	21.21		
20	50	50		21.22	21.22	21.20		
20	100	0		21.19	21.21	21.17		
20	1	0	64-QAM	20.83	20.79	20.76	20.03	0.1007
20	1	49		20.92	20.87	20.86		
20	1	99		20.79	20.78	20.82		
20	50	0		20.18	20.19	20.14		
20	50	24		20.16	20.18	20.14		
20	50	50		20.14	20.14	20.14		
20	100	0		20.13	20.15	20.11		
20	1	0	256-QAM	17.97	17.95	17.93	17.30	0.0537
20	1	49		18.01	17.99	17.99		
20	1	99		17.94	17.94	17.97		
20	50	0		18.11	18.19	18.14		
20	50	24		18.13	18.18	18.14		
20	50	50		18.15	18.15	18.14		
20	100	0		18.08	18.11	18.07		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.05	21.20	21.03	20.31	0.1074
15	1	37		21.16	21.04	21.12		
15	1	74		21.08	21.13	21.04		
15	36	0		21.06	21.09	21.02		
15	36	20		21.06	21.17	21.12		
15	36	39		21.10	21.14	21.07		
15	75	0		21.02	21.04	21.04		
15	1	0	16-QAM	21.10	21.11	21.10	20.32	0.1076
15	1	37		21.15	21.21	21.12		
15	1	74		21.06	21.12	21.10		
15	36	0		21.14	21.12	21.10		
15	36	20		21.15	21.15	21.12		
15	36	39		21.09	21.15	21.09		
15	75	0		21.17	21.19	21.11		
15	1	0	64-QAM	20.70	20.65	20.61	19.97	0.0993
15	1	37		20.86	20.83	20.82		
15	1	74		20.67	20.66	20.71		
15	36	0		20.08	20.08	20.02		
15	36	20		20.07	20.10	20.07		
15	36	39		20.10	20.06	20.07		
15	75	0		20.03	20.08	20.06		
15	1	0	256-QAM	17.84	17.82	17.91	17.28	0.0535
15	1	37		17.99	17.89	17.90		
15	1	74		17.80	17.89	17.85		
15	36	0		18.08	18.17	18.13		
15	36	20		18.12	18.11	18.08		
15	36	39		18.02	18.12	18.03		
15	75	0		17.95	18.05	18.01		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.09	21.17	20.98	20.28	0.1067
10	1	25		21.16	21.02	21.09		
10	1	49		21.12	21.11	21.07		
10	25	0		21.15	21.08	21.01		
10	25	12		21.16	21.14	21.12		
10	25	25		21.10	21.14	21.07		
10	50	0		21.00	21.05	21.06		
10	1	0	16-QAM	21.14	21.11	21.08	20.32	0.1076
10	1	25		21.17	21.21	21.11		
10	1	49		21.04	21.03	21.10		
10	25	0		21.17	21.21	21.12		
10	25	12		21.14	21.19	21.11		
10	25	25		21.16	21.08	21.06		
10	50	0		21.07	21.15	21.10		
10	1	0	64-QAM	20.74	20.75	20.73	19.97	0.0993
10	1	25		20.86	20.77	20.83		
10	1	49		20.65	20.75	20.79		
10	25	0		20.09	20.06	20.06		
10	25	12		20.03	20.04	20.08		
10	25	25		20.12	20.07	20.10		
10	50	0		20.02	20.00	19.98		
10	1	0	256-QAM	17.87	17.91	17.91	17.26	0.0532
10	1	25		17.87	17.86	17.85		
10	1	49		17.81	17.92	17.93		
10	25	0		18.05	18.15	18.01		
10	25	12		18.08	18.04	18.06		
10	25	25		18.10	18.02	18.12		
10	50	0		18.02	17.99	18.06		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.15	21.20	21.11	20.31	0.1074
5	1	12		21.13	20.98	21.10		
5	1	24		21.12	21.07	21.07		
5	12	0		21.15	21.07	21.12		
5	12	7		21.11	21.15	21.07		
5	12	13		21.04	21.13	21.04		
5	25	0		21.02	21.14	21.07		
5	1	0	16-QAM	21.15	21.15	21.11	20.33	0.1079
5	1	12		21.17	21.20	21.10		
5	1	24		21.10	21.02	21.12		
5	12	0		21.15	21.20	21.11		
5	12	7		21.17	21.22	21.11		
5	12	13		21.16	21.18	21.12		
5	25	0		21.09	21.18	21.11		
5	1	0	64-QAM	20.70	20.74	20.68	19.95	0.0989
5	1	12		20.81	20.74	20.84		
5	1	24		20.73	20.74	20.70		
5	12	0		20.14	20.10	20.13		
5	12	7		20.03	20.04	20.11		
5	12	13		20.05	20.02	20.06		
5	25	0		20.04	20.13	20.07		
5	1	0	256-QAM	17.95	17.88	17.79	17.25	0.0531
5	1	12		17.88	17.89	17.86		
5	1	24		17.86	17.87	17.89		
5	12	0		17.97	18.08	18.11		
5	12	7		18.04	18.14	18.04		
5	12	13		18.14	18.10	18.00		
5	25	0		17.94	18.07	18.00		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.57 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.72	20.79	20.89	19.32	0.0855
20	1	49		20.88	20.85	20.78		
20	1	99		20.82	20.77	20.83		
20	50	0		20.83	20.82	20.89		
20	50	24		20.88	20.85	20.84		
20	50	50		20.88	20.82	20.88		
20	100	0		20.84	20.83	20.85		
20	1	0	16-QAM	20.77	20.83	20.82	19.38	0.0867
20	1	49		20.93	20.93	20.94		
20	1	99		20.87	20.83	20.88		
20	50	0		20.87	20.87	20.88		
20	50	24		20.91	20.91	20.95		
20	50	50		20.91	20.86	20.92		
20	100	0		20.88	20.85	20.88		
20	1	0	64-QAM	20.38	20.44	20.43	19.00	0.0794
20	1	49		20.56	20.53	20.57		
20	1	99		20.49	20.45	20.50		
20	50	0		19.83	19.81	19.84		
20	50	24		19.86	19.84	19.87		
20	50	50		19.86	19.79	19.88		
20	100	0		19.83	19.82	19.84		
20	1	0	256-QAM	17.53	17.58	17.59	16.30	0.0427
20	1	49		17.65	17.64	17.69		
20	1	99		17.62	17.59	17.65		
20	50	0		17.82	17.81	17.83		
20	50	24		17.87	17.84	17.87		
20	50	50		17.86	17.79	17.86		
20	100	0		17.79	17.77	17.79		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.57 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.61	20.73	20.84	19.30	0.0851
15	1	37		20.71	20.79	20.75		
15	1	74		20.71	20.68	20.80		
15	36	0		20.72	20.69	20.87		
15	36	20		20.72	20.74	20.69		
15	36	39		20.72	20.76	20.75		
15	75	0		20.71	20.79	20.84		
15	1	0	16-QAM	20.71	20.68	20.78	19.30	0.0851
15	1	37		20.71	20.78	20.85		
15	1	74		20.72	20.75	20.86		
15	36	0		20.71	20.77	20.81		
15	36	20		20.72	20.79	20.86		
15	36	39		20.72	20.71	20.87		
15	75	0		20.71	20.74	20.83		
15	1	0	64-QAM	20.24	20.41	20.34	18.98	0.0791
15	1	37		20.50	20.48	20.55		
15	1	74		20.36	20.34	20.40		
15	36	0		19.81	19.79	19.73		
15	36	20		19.84	19.80	19.81		
15	36	39		19.71	19.64	19.82		
15	75	0		19.74	19.79	19.73		
15	1	0	256-QAM	17.43	17.46	17.55	16.24	0.0421
15	1	37		17.64	17.51	17.57		
15	1	74		17.53	17.46	17.60		
15	36	0		17.74	17.70	17.78		
15	36	20		17.81	17.78	17.74		
15	36	39		17.77	17.71	17.81		
15	75	0		17.74	17.72	17.70		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.57 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.65	20.67	20.80	19.30	0.0851
10	1	25		20.71	20.79	20.63		
10	1	49		20.71	20.63	20.69		
10	25	0		20.71	20.76	20.87		
10	25	12		20.72	20.72	20.75		
10	25	25		20.70	20.74	20.85		
10	50	0		20.72	20.79	20.73		
10	1	0	16-QAM	20.65	20.69	20.75	19.32	0.0855
10	1	25		20.71	20.79	20.87		
10	1	49		20.72	20.75	20.81		
10	25	0		20.70	20.76	20.87		
10	25	12		20.72	20.78	20.82		
10	25	25		20.71	20.74	20.89		
10	50	0		20.71	20.78	20.73		
10	1	0	64-QAM	20.30	20.30	20.32	18.95	0.0785
10	1	25		20.52	20.45	20.52		
10	1	49		20.42	20.40	20.46		
10	25	0		19.80	19.69	19.79		
10	25	12		19.75	19.73	19.85		
10	25	25		19.83	19.77	19.79		
10	50	0		19.75	19.68	19.80		
10	1	0	256-QAM	17.47	17.51	17.54	16.24	0.0421
10	1	25		17.61	17.51	17.61		
10	1	49		17.51	17.54	17.54		
10	25	0		17.77	17.69	17.80		
10	25	12		17.76	17.81	17.74		
10	25	25		17.74	17.75	17.75		
10	50	0		17.78	17.76	17.76		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.57 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.61	20.76	20.82	19.25	0.0841
5	1	12		20.72	20.71	20.65		
5	1	24		20.71	20.74	20.70		
5	12	0		20.72	20.74	20.82		
5	12	7		20.70	20.70	20.72		
5	12	13		20.72	20.68	20.81		
5	25	0		20.71	20.75	20.79		
5	1	0	16-QAM	20.71	20.79	20.77	19.31	0.0853
5	1	12		20.70	20.79	20.88		
5	1	24		20.72	20.78	20.76		
5	12	0		20.72	20.79	20.80		
5	12	7		20.71	20.77	20.85		
5	12	13		20.71	20.77	20.80		
5	25	0		20.72	20.79	20.77		
5	1	0	64-QAM	20.30	20.40	20.37	18.94	0.0783
5	1	12		20.51	20.51	20.50		
5	1	24		20.47	20.33	20.45		
5	12	0		19.78	19.79	19.77		
5	12	7		19.73	19.79	19.81		
5	12	13		19.79	19.70	19.77		
5	25	0		19.72	19.80	19.82		
5	1	0	256-QAM	17.44	17.56	17.58	16.22	0.0419
5	1	12		17.57	17.55	17.60		
5	1	24		17.50	17.50	17.63		
5	12	0		17.76	17.79	17.76		
5	12	7		17.76	17.79	17.75		
5	12	13		17.78	17.68	17.73		
5	25	0		17.72	17.72	17.71		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

<Antenna 5>

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 2.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	18.16	18.33	18.38	20.43	0.1104
20	1	49		18.22	18.37	18.39		
20	1	99		18.20	18.24	18.35		
20	50	0		18.21	18.33	18.36		
20	50	24		18.22	18.29	18.40		
20	50	50		18.22	18.34	18.38		
20	100	0		18.23	18.34	18.37		
20	1	0	16-QAM	18.24	18.37	18.46	20.49	0.1119
20	1	49		18.25	18.35	18.45		
20	1	99		18.28	18.28	18.41		
20	50	0		18.25	18.28	18.39		
20	50	24		18.25	18.38	18.42		
20	50	50		18.27	18.38	18.44		
20	100	0		18.25	18.34	18.40		
20	1	0	64-QAM	17.82	18.03	18.05	20.44	0.1107
20	1	49		17.88	17.92	18.06		
20	1	99		17.88	17.90	18.01		
20	50	0		18.23	18.28	18.37		
20	50	24		18.25	18.27	18.41		
20	50	50		18.26	18.27	18.39		
20	100	0		18.23	18.25	18.38		
20	1	0	256-QAM	16.06	16.09	16.19	18.53	0.0713
20	1	49		16.11	16.17	16.30		
20	1	99		16.04	16.12	16.17		
20	50	0		16.35	16.32	16.46		
20	50	24		16.33	16.43	16.50		
20	50	50		16.34	16.39	16.49		
20	100	0		16.28	16.34	16.44		
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 = 2.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	18.06	18.02	18.33	20.40	0.1096
15	1	37		18.13	18.15	18.37		
15	1	74		18.15	18.15	18.24		
15	36	0		18.14	18.14	18.33		
15	36	20		18.12	18.14	18.29		
15	36	39		18.13	18.08	18.34		
15	75	0		18.12	18.09	18.34		
15	1	0	16-QAM	18.16	18.16	18.37	20.41	0.1099
15	1	37		18.12	18.15	18.35		
15	1	74		18.16	18.16	18.28		
15	36	0		18.14	18.12	18.28		
15	36	20		18.16	18.13	18.38		
15	36	39		18.16	18.13	18.38		
15	75	0		18.15	18.15	18.34		
15	1	0	64-QAM	17.74	17.77	18.03	20.31	0.1074
15	1	37		17.81	17.77	17.92		
15	1	74		17.82	17.75	17.90		
15	36	0		18.12	18.14	18.28		
15	36	20		18.16	18.16	18.27		
15	36	39		18.16	18.16	18.27		
15	75	0		18.13	18.12	18.25		
15	1	0	256-QAM	16.00	15.93	16.09	18.46	0.0701
15	1	37		16.01	15.98	16.17		
15	1	74		16.00	16.02	16.12		
15	36	0		16.31	16.30	16.32		
15	36	20		16.24	16.29	16.43		
15	36	39		16.30	16.25	16.39		
15	75	0		16.18	16.20	16.34		
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 = 2.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	18.02	18.14	18.27	20.40	0.1096
10	1	25		18.15	18.10	18.37		
10	1	49		18.15	18.11	18.28		
10	25	0		18.14	18.15	18.31		
10	25	12		18.14	18.15	18.29		
10	25	25		18.08	18.14	18.25		
10	50	0		18.09	18.13	18.23		
10	1	0	16-QAM	18.16	18.16	18.34	20.40	0.1096
10	1	25		18.15	18.16	18.37		
10	1	49		18.16	18.13	18.32		
10	25	0		18.12	18.15	18.30		
10	25	12		18.13	18.15	18.27		
10	25	25		18.13	18.16	18.31		
10	50	0		18.15	18.16	18.34		
10	1	0	64-QAM	17.77	17.74	17.90	20.41	0.1099
10	1	25		17.77	17.75	17.98		
10	1	49		17.75	17.83	17.89		
10	25	0		18.14	18.15	18.25		
10	25	12		18.16	18.10	18.30		
10	25	25		18.16	18.16	18.38		
10	50	0		18.12	18.11	18.30		
10	1	0	256-QAM	15.93	15.99	16.08	18.48	0.0705
10	1	25		15.98	15.98	16.16		
10	1	49		16.02	16.00	16.13		
10	25	0		16.30	16.34	16.35		
10	25	12		16.29	16.28	16.45		
10	25	25		16.25	16.21	16.35		
10	50	0		16.20	16.26	16.31		
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 = 2.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	18.14	18.39	18.27	20.49	0.1119
5	1	12		18.10	18.35	18.25		
5	1	24		18.11	18.36	18.20		
5	12	0		18.15	18.40	18.30		
5	12	7		18.15	18.38	18.26		
5	12	13		18.14	18.37	18.23		
5	25	0		18.13	18.46	18.26		
5	1	0	16-QAM	18.16	18.45	18.37	20.48	0.1117
5	1	12		18.16	18.41	18.37		
5	1	24		18.13	18.39	18.36		
5	12	0		18.15	18.42	18.29		
5	12	7		18.15	18.44	18.29		
5	12	13		18.16	18.40	18.29		
5	25	0		18.16	18.05	18.27		
5	1	0	64-QAM	17.74	18.06	17.95	20.44	0.1107
5	1	12		17.75	18.01	17.93		
5	1	24		17.83	18.37	17.87		
5	12	0		18.15	18.41	18.26		
5	12	7		18.10	18.39	18.27		
5	12	13		18.16	18.38	18.32		
5	25	0		18.11	16.19	18.23		
5	1	0	256-QAM	15.99	16.30	16.15	18.53	0.0713
5	1	12		15.98	16.17	16.29		
5	1	24		16.00	16.46	16.03		
5	12	0		16.34	16.50	16.33		
5	12	7		16.28	16.49	16.46		
5	12	13		16.21	16.44	16.34		
5	25	0		16.26	16.28	16.33		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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

<Antenna 8>

Part 96 LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = -0.89 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	19.40	19.41	19.36	18.52	0.0711
20+20	1	99	1	0	16-QAM	18.97	18.96	18.94	18.08	0.0643
20+15	1	99	1	0	QPSK	19.37	19.38	19.27	18.49	0.0706
20+15	1	99	1	0	16-QAM	18.97	18.92	18.84	18.08	0.0643
15+20	1	74	1	0	QPSK	19.56	19.59	19.53	18.70	0.0741
15+20	1	74	1	0	16-QAM	19.09	19.11	19.09	18.22	0.0664
Limit	EIRP < 23dBm/10MHz					Result			Pass	

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

Part 96 LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = -0.89 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	19.35	19.33	19.15	18.46	0.0701
20+10	1	99	1	0	16-QAM	18.92	18.90	18.73	18.03	0.0635
10+20	1	49	1	0	QPSK	19.26	19.34	19.29	18.45	0.0700
10+20	1	49	1	0	16-QAM	18.85	18.94	18.86	18.05	0.0638
20+5	1	99	1	0	QPSK	19.32	19.25	19.03	18.43	0.0697
20+5	1	99	1	0	16-QAM	18.88	18.81	18.56	17.99	0.0630
Limit	EIRP < 23dBm/10MHz					Result			Pass	

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

Part 96 LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = -0.89 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	19.24	19.39	19.32	18.50	0.0708
5+20	1	24	1	0	16-QAM	18.79	18.91	18.87	18.02	0.0634
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 = -1.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	17.69	17.81	17.29	15.88	0.0387
20+20	1	99	1	0	16-QAM	17.23	17.36	16.37	15.43	0.0349
20+15	1	99	1	0	QPSK	17.68	17.87	17.45	15.94	0.0393
20+15	1	99	1	0	16-QAM	17.24	17.41	17.01	15.48	0.0353
15+20	1	74	1	0	QPSK	17.79	17.91	17.46	15.98	0.0396
15+20	1	74	1	0	16-QAM	17.35	17.46	17.03	15.53	0.0357
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 = -1.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	17.65	17.85	17.54	15.92	0.0391
20+10	1	99	1	0	16-QAM	17.19	17.42	17.09	15.49	0.0354
10+20	1	49	1	0	QPSK	17.45	17.65	17.25	15.72	0.0373
10+20	1	49	1	0	16-QAM	17.05	17.21	16.82	15.28	0.0337
20+5	1	99	1	0	QPSK	17.57	17.84	17.60	15.91	0.0390
20+5	1	99	1	0	16-QAM	17.17	17.40	17.18	15.47	0.0352
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 = -1.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	17.42	17.65	17.28	15.72	0.0373
5+20	1	24	1	0	16-QAM	16.94	17.16	16.81	15.23	0.0333
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 :	Gerry Wei、Tim Lee、Wilson Wu	Relative Humidity(%):	23.6~24.1
		Temperature(°C):	53.5~56.7

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
22	LTE CA 48C	Part 96	H	7358	-51.53	RMS	36.67	-43.03	0.90	-95.23	49.16	-40.00	-11.53	H	8

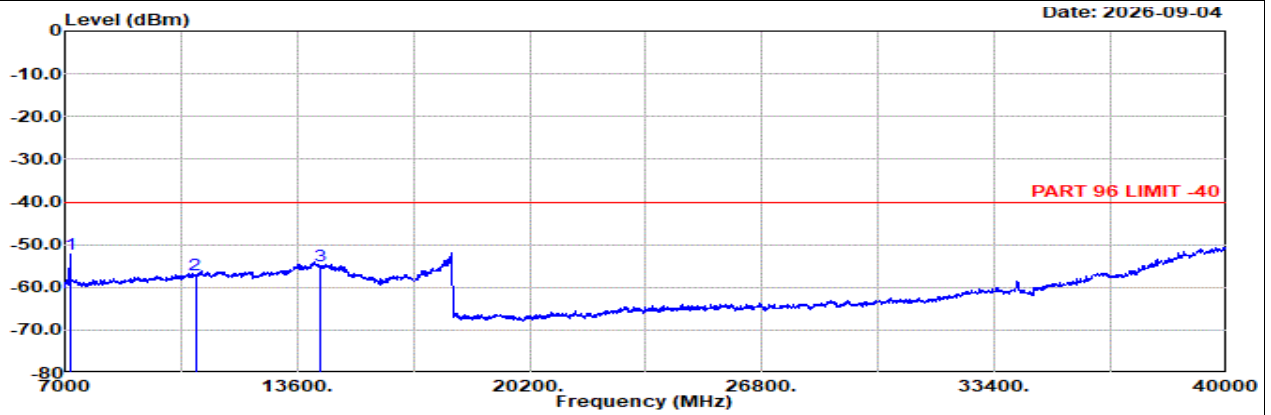


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Part 96 Mode 22

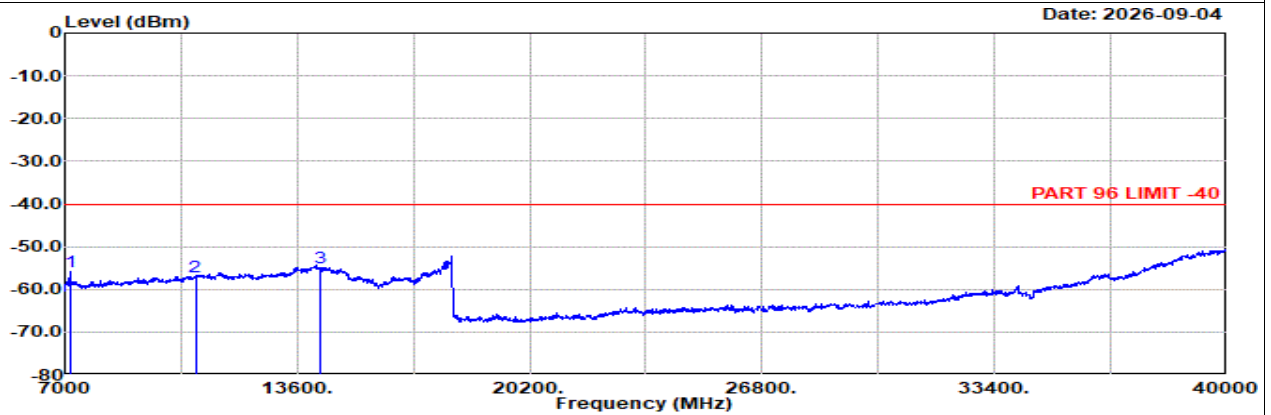
LTE CA 48C 20M + 20M Ch55340 1RB99 QPSK + Ch55538 1RB0 QPSK

L



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m BBHA9170_1223_260812 Horizontal
: LTE Band 48 20M Ch55340 1RB99 QPSK
: LTE Band 48 20M Ch55538 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBuV	dBm		
1	7138.00	-52.11	RMS	36.63	-43.18	1.06	-95.23	0.00	-40.00	-12.11	Horizontal
2	10707.00	-57.05	RMS	38.99	-39.35	0.59	-95.23	37.95	-40.00	-17.05	Horizontal
3	14276.00	-54.89	RMS	40.75	-35.56	0.43	-95.23	34.72	-40.00	-14.89	Horizontal



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m BBHA9170_1223_260812 Vertical
: LTE Band 48 20M Ch55340 1RB99 QPSK
: LTE Band 48 20M Ch55538 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBuV	dBm		
1	7138.00	-55.99	RMS	36.63	-43.18	1.06	-95.23	44.73	-40.00	-15.99	Vertical
2	10707.00	-56.95	RMS	38.99	-39.35	0.59	-95.23	38.05	-40.00	-16.95	Vertical
3	14276.00	-55.02	RMS	40.75	-35.56	0.43	-95.23	34.59	-40.00	-15.02	Vertical

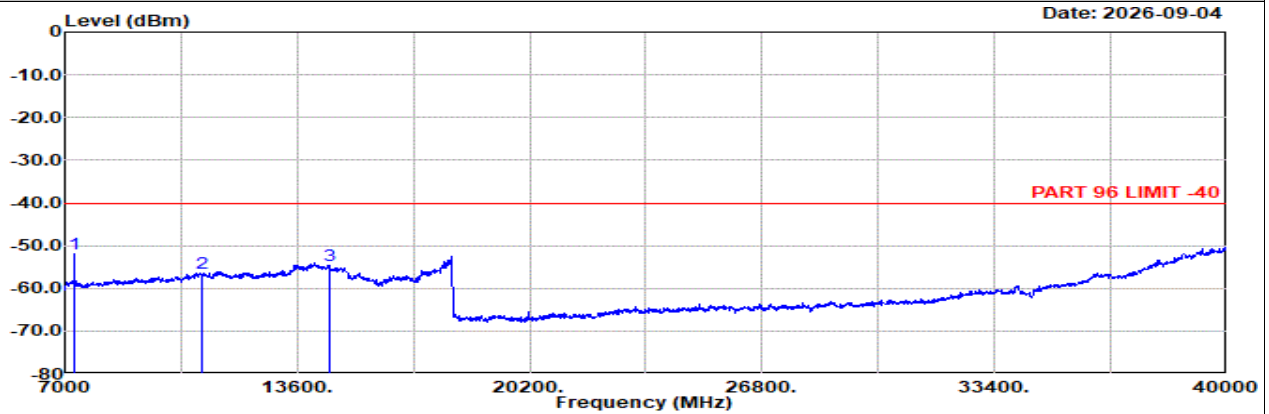


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Part 96 Mode 22

LTE CA 48C 20M + 20M Ch55891 1RB99 QPSK + Ch56089 1RB0 QPSK

M



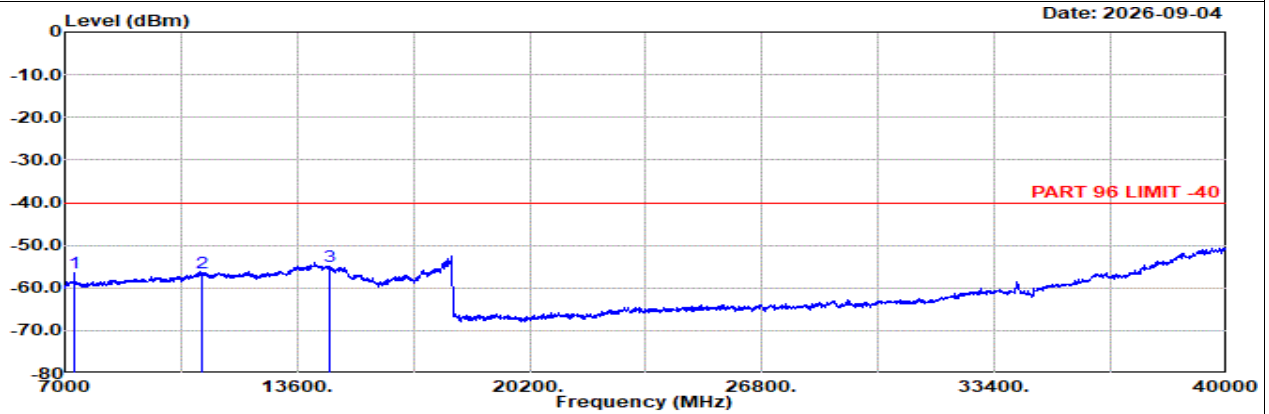
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_260812 Horizontal

: LTE Band 48 20M Ch55891 1RB99 QPSK

: LTE Band 48 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1	dB		dB	g		
1	7248.00	-51.88	RMS	36.90	-43.11	0.96	-95.23	48.60	-40.00	-11.88	Horizontal
2	10872.00	-56.37	RMS	38.86	-38.96	0.59	-95.23	38.37	-40.00	-16.37	Horizontal
3	14496.00	-54.75	RMS	40.60	-35.60	0.42	-95.23	35.06	-40.00	-14.75	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_260812 Vertical

: LTE Band 48 20M Ch55891 1RB99 QPSK

: LTE Band 48 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7248.00	-56.53	RMS	36.90	-43.11	0.96	-95.23	43.95	-40.00	-16.53	Vertical
2	10872.00	-56.58	RMS	38.86	-38.96	0.59	-95.23	38.16	-40.00	-16.58	Vertical
3	14496.00	-54.96	RMS	40.60	-35.60	0.42	-95.23	34.85	-40.00	-14.96	Vertical

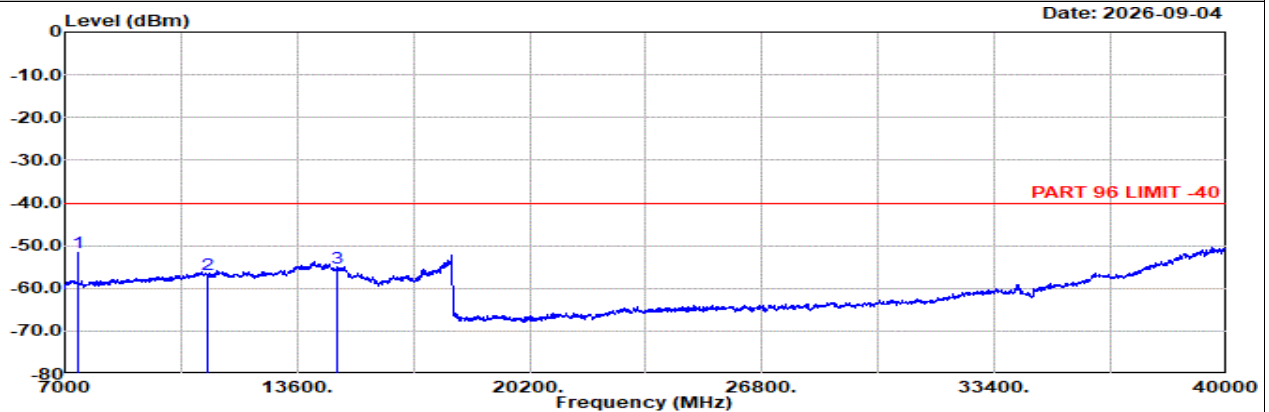


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Part 96 Mode 22

LTE CA 48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



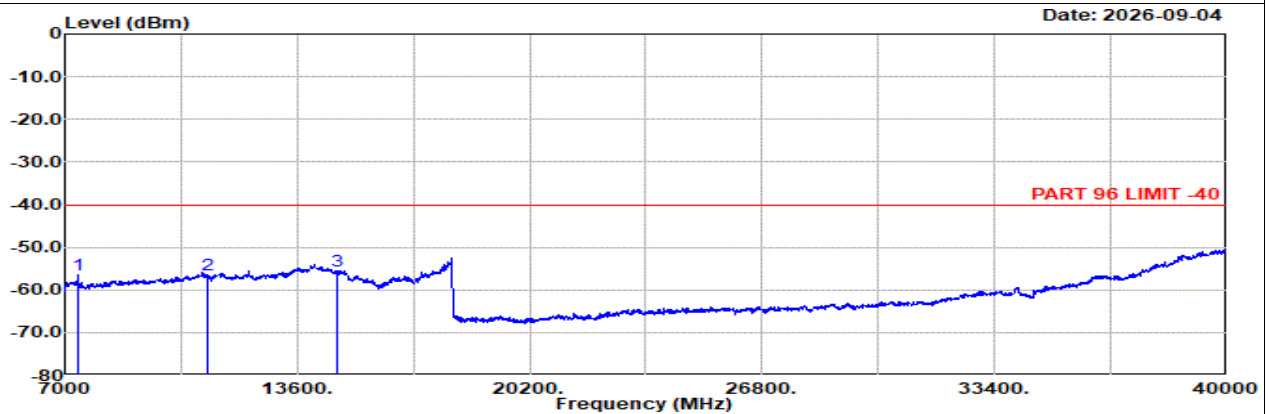
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_260812 Horizontal

: LTE Band 48 20M Ch56442 1RB99 QPSK

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
				Factor	1							
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-51.53	RMS		36.67	-43.03	0.90	-95.23	49.16	-40.00	-11.53	Horizontal
2	11037.00	-56.73	RMS		38.77	-38.61	0.60	-95.23	37.74	-40.00	-16.73	Horizontal
3	14716.00	-55.17	RMS		40.40	-35.50	0.40	-95.23	34.76	-40.00	-15.17	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_260812 Vertical

: LTE Band 48 20M Ch56442 1RB99 QPSK

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
				Factor	1							
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-56.59	RMS		36.67	-43.03	0.90	-95.23	44.10	-40.00	-16.59	Vertical
2	11037.00	-56.40	RMS		38.77	-38.61	0.60	-95.23	38.07	-40.00	-16.40	Vertical
3	14716.00	-55.54	RMS		40.40	-35.50	0.40	-95.23	34.39	-40.00	-15.54	Vertical

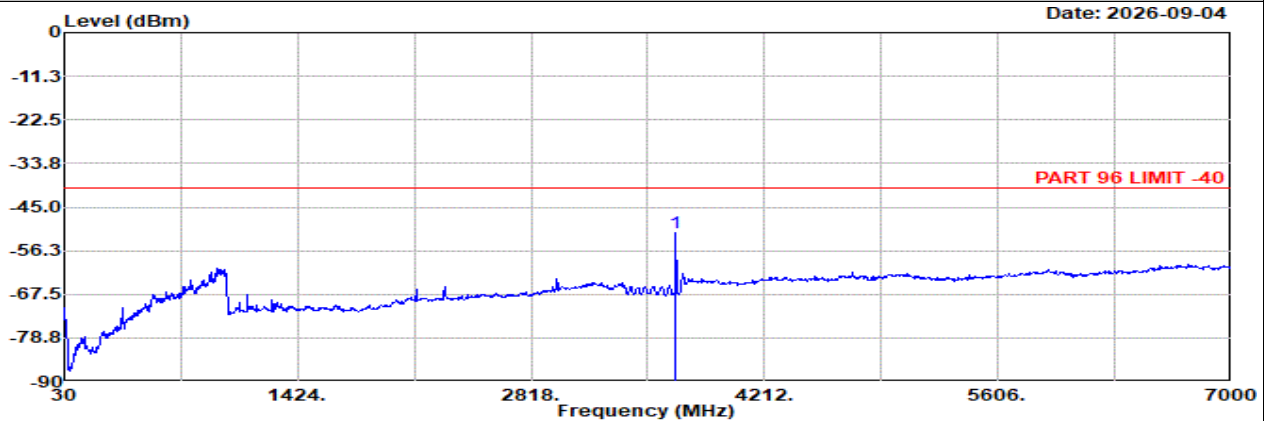


Ant. 8

Part 96 Mode 22

LTE CA 48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



Site : 03CH12-HY

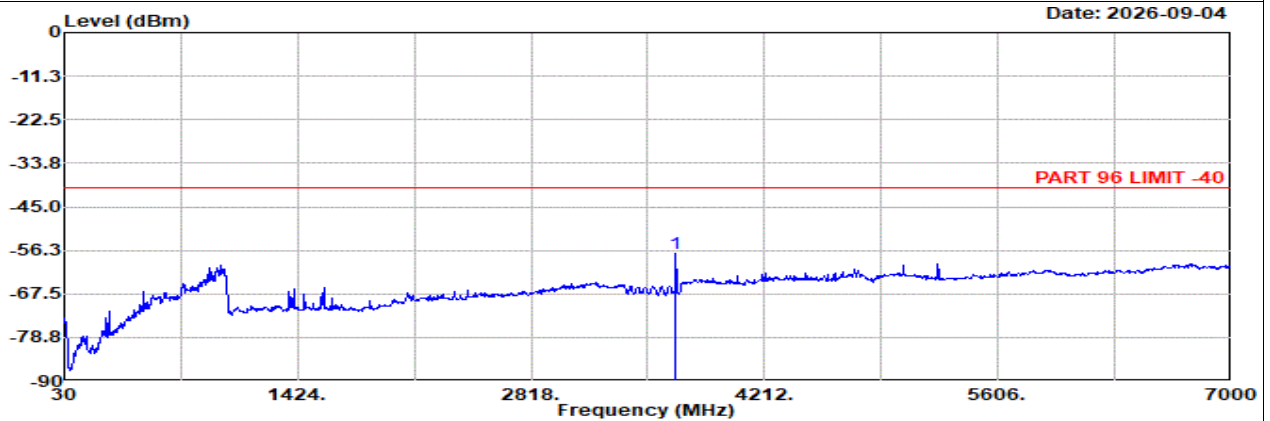
Condition: PART 96 LIMIT -40 3m 9120D-01212 Horizontal

: LTE Band 48 20M Ch56442 1RB99 QPSK

: LTE Band 48 20M Ch56640 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3682.00	-51.55	RMS	29.83	-46.36	1.16	-95.23	59.05	-40.00	-11.55	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-01212 Vertical

: LTE Band 48 20M Ch56442 1RB99 QPSK

: LTE Band 48 20M Ch56640 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3682.00	-57.12	RMS	29.83	-46.36	1.16	-95.23	53.48	-40.00	-17.12	Vertical