



FCC RADIO TEST REPORT

FCC ID : B94HNI67C4KLR
Equipment : Notebook Computer
Brand Name : HP
Model Name : HSN-I67C-4
Applicant : HP Inc.
1501 Page Mill Road, Palo Alto CA, 94304, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)

The product was received on Oct. 27, 2025 and testing was performed from Nov. 23, 2025 to Dec. 19, 2025. 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 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. 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
FG5O2730A	01	Initial issue of report	Dec. 22, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5)	Effective Radiated Power (WCDMA Band V)		
	§24.232 (c)	Equivalent Isotropic Radiated Power (WCDMA Band II)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (WCDMA Band IV)		
-	§24.232 (d)	Peak-to-Average Ratio	Pass	See Note
-	§2.1049 §22.917 (b) §24.238 (b) §27.53 (g)	Occupied Bandwidth (WCDMA Band V) (WCDMA Band II) (WCDMA Band IV)	Pass	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g)	Band Edge Measurement (WCDMA Band V) (WCDMA Band II) (WCDMA Band IV)	Pass	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g)	Conducted Emission (WCDMA Band V) (WCDMA Band II) (WCDMA Band IV)	Pass	See Note
-	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Pass	See Note
4.4	§2.1053 §22.917 (a) §24.238 (a) §27.53 (h)	Field Strength of Spurious Radiation (WCDMA Band V) (WCDMA Band II) (WCDMA Band IV)	Pass	-
Remark: 1. For host device, Field Strength of Spurious Radiation, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report. 2. As the RF design of this device is identical to that of FCC ID B94HNI65C4KLR, with the only variation being the CPU platform, RSE data reuse from FCC ID B94HNI65C4KLR is hereby requested. Spot-check measurements presented in Appendix A and B of this report substantiate and justify the validity of the RSE data reuse for this device configuration.				

**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: Freda Wu

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 802.11a/ax/be, NFC and GNSS
Sample 1	Host with Vendor 1 Antenna
Sample 2	Host with Vendor 2 Antenna
Integrated WLAN Module	Brand Name: MediaTek Model Name: MT7925B14L FCC ID: RAS-MT7925B14L
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

WWAN Antenna Information				
Antenna 5	Manufacturer	Vendor 1	Peak gain (dBi)	WCDMA Band V: -1.86
	Part number	6036B0383901 (260-27594)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	WCDMA Band V: -3.54
	Part number	6036B0385001 (81EACC15.G29)	Type	PIFA
Antenna 8	Manufacturer	Vendor 1	Peak gain (dBi)	WCDMA Band II: -2.21 WCDMA Band IV: -2.67
	Part number	6036B0383701 (260-27596)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	WCDMA Band II: -0.80 WCDMA Band IV: -1.29
	Part number	6036B0384801 (81EACC15.G31)	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 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	Eric Wu
Temperature (°C)	21.3~22.3
Relative Humidity (%)	45.0~47.0

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, Karl Hou and Lucifer Jiang
Temperature (°C)	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 Applicable 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, 22(H), 24(E), 27(L)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ 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 were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

Radiated emissions were investigated as following frequency range:

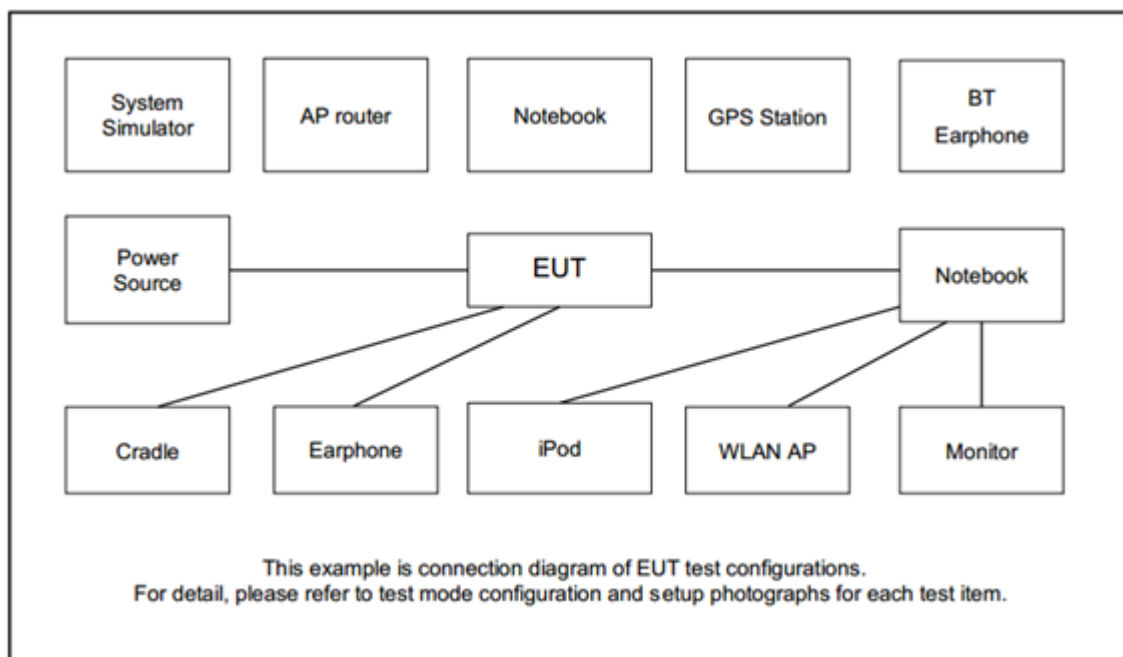
1. 30 MHz to 9000 MHz for WCDMA Band V
2. 30 MHz to 18000 MHz for WCDMA Band IV
3. 30 MHz to 19100 MHz for WCDMA Band II

All modes, data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

Test Modes		
Band	Radiated TCs	Conducted TCs
WCDMA Band V	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band II	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band IV	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link

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.	Earphone	Apple	A1285	N/A	Shielded, 1.2 m	N/A

2.4 Frequency List of Low/Middle/High Channels

Frequency List				
Band	Channel/Frequency(MHz)	Lowest	Middle	Highest
WCDMA Band V	Channel	4132	4182	4233
	Frequency	826.4	836.4	846.6
WCDMA Band II	Channel	9262	9400	9538
	Frequency	1852.4	1880.0	1907.6
WCDMA Band IV	Channel	1312	1413	1513
	Frequency	1712.4	1732.6	1752.6

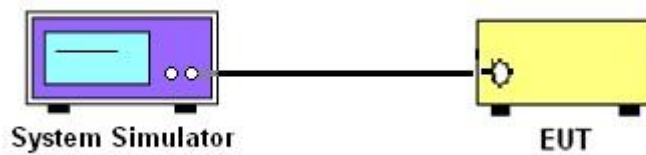
3 Conducted Test Result

3.1 Measuring Instruments

Please refer to the measuring equipment list in 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 and ERP/EIRP

3.2.1 Description of the Conducted Output Power and ERP/EIRP

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

The ERP of mobile transmitters must not exceed 7 Watts for WCDMA Band V

The EIRP of mobile transmitters must not exceed 2 Watts for WCDMA Band II

The EIRP of mobile transmitters must not exceed 1 Watts for WCDMA Band IV

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, 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

3.2.2 Test Procedures

1. The transmitter output port is connected to the system simulator.
2. Set EUT at maximum power through system simulator.
3. Select the lowest, middle, and the highest channels for each band and different modulation.
4. Measure the maximum burst average power for GSM and maximum average power for other modulation signal.

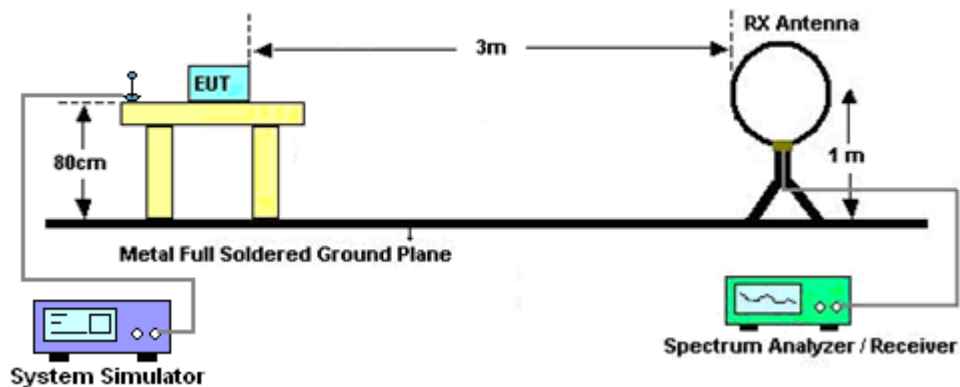
4 Radiated Test Items

4.1 Measuring Instruments

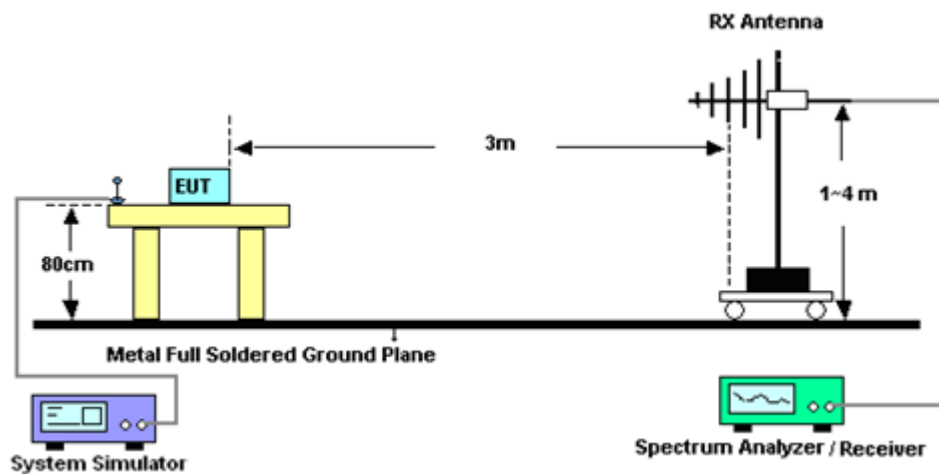
Please refer to the measuring equipment list in this test report.

4.2 Test Setup

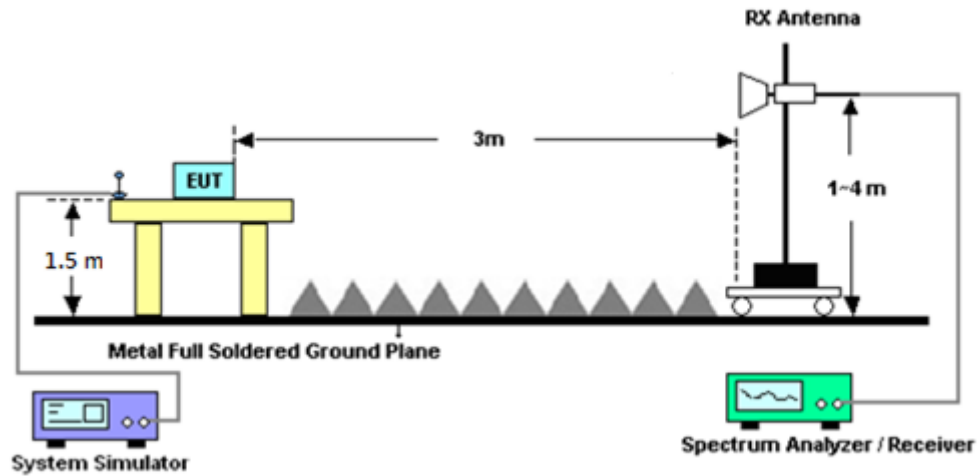
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is 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 Field Strength of Spurious Radiation Measurement

4.4.1 Description of Field Strength of Spurious Radiated Measurement

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 $43 + 10 \log (P)$ dB. 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 is placed on a rotatable wooden table 0.8 meters for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz above the ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the antenna tower.
3. The table is rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1 MHz, VBW = 3 MHz, taking record of maximum spurious emission.
6. 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
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 shall be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



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-Z2E	100315	9 kHz~30 MHz	Mar. 06, 2025	Dec. 18, 2025~ Dec. 19, 2025	Mar. 05, 2026	Radiation (03CH23-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01 N-06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Dec. 18, 2025~ Dec. 19, 2025	Oct. 03, 2026	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	9kHz~1GHz	Jul. 13, 2025	Dec. 18, 2025~ Dec. 19, 2025	Jul. 12, 2026	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	1GHz~18GHz	Sep. 26, 2025	Dec. 18, 2025~ Dec. 19, 2025	Sep. 25, 2026	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A1 8EN	1GHz~18GHz	Jul. 02, 2025	Dec. 18, 2025~ Dec. 19, 2025	Jul. 01, 2026	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY621703 37	10Hz~44GHz	Aug. 26, 2025	Dec. 18, 2025~ Dec. 19, 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303A	TP210001	N/A	Nov. 06, 2025	Dec. 18, 2025~ Dec. 19, 2025	Nov. 05, 2026	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 18, 2025~ Dec. 19, 2025	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 18, 2025~ Dec. 19, 2025	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 18, 2025~ Dec. 19, 2025	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_2019 122	RK-00234 8	N/A	N/A	Dec. 18, 2025~ Dec. 19, 2025	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	30MHz~40GHz	Nov. 26, 2024	Dec. 18, 2025~ Dec. 19, 2025	Nov. 25, 2025	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/23 1119/2311 22	30MHz~40GHz	Nov. 26, 2024	Dec. 18, 2025~ Dec. 19, 2025	Nov. 25, 2025	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	30MHz~40GHz	Nov. 25, 2025	Dec. 18, 2025~ Dec. 19, 2025	Nov. 24, 2026	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/23 1119/2311 22	30MHz~40GHz	Nov. 25, 2025	Dec. 18, 2025~ Dec. 19, 2025	Nov. 24, 2026	Radiation (03CH23-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz~30GHz	Jan. 21, 2025	Nov. 23, 2025	Jan. 20, 2026	Conducted (TH03-HY)
Universal Digital Radio COMM. Tester	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Aug. 14, 2025	Nov. 23, 2025	Aug. 13, 2026	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPE-2323	GET91089 6	0V~64V ; 0A~6A	Nov. 26, 2024	Nov. 23, 2025	Nov. 25, 2025	Conducted (TH03-HY)
Temperature & Humidity Cabinet Chamber	ESPEC	LHU-113	101200586 0	-20℃~85℃	Dec. 10, 2024	Nov. 23, 2025	Dec. 09, 2025	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	N/A	Mar. 03, 2025	Nov. 23, 2025	Mar. 02, 2026	Conducted (TH03-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.60 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.40 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
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Appendix A. Test Results of Conducted Test

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Conducted Output Power (Average power and ERP/EIRP)					
WCDMA Band II Maximum Average Power [dBm] (GT - LC = -0.8 dB)					
Channel	9262	9400	9538	EIRP (dBm)	EIRP (W)
Frequency	1852.4	1880	1907.6		
RMC 12.2K	23.29	23.35	23.21	22.55	0.1799
Limit	EIRP < 2W			Result	Pass



Appendix B. Test Results of Radiated Test

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
3	WCDMA B2	Part 24E	L	7409	-54.40	RMS	37.26	-22.89	1.94	-95.23	24.52	-13.00	-41.40	H	Ant 8

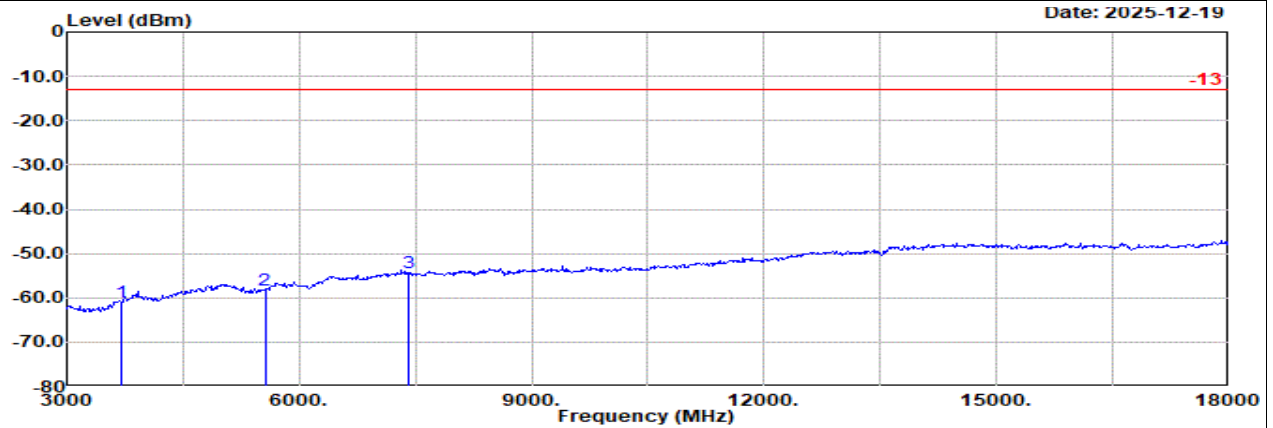


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Part 24E Mode 3

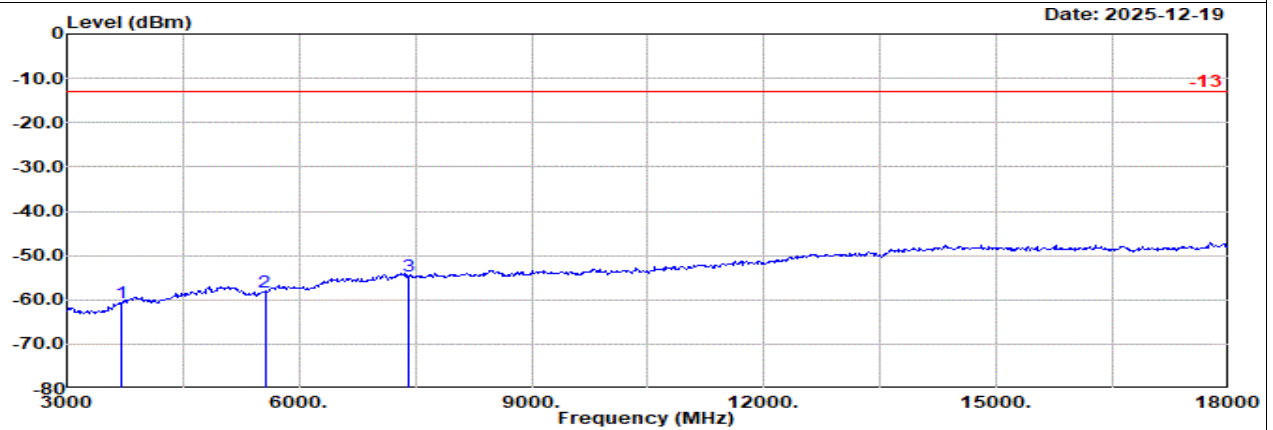
WCDMA B2 Ch9262

L



Site : 03CH23-HY
Condition: -13 3m DRH18-E_LE2C05A18EN_250702 Horizontal
: WCDMA Ch9262

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter dB	EIRPCF dB	Readin dBuV	Limit dBm	Margin dB	Pol
				Factor dB/m	1 dB						
1	3704.00	-60.88	RMS	29.92	-23.77	1.72	-95.23	26.48	-13.00	-47.88	Horizontal
2	5557.00	-58.40	RMS	33.11	-22.55	1.92	-95.23	24.35	-13.00	-45.40	Horizontal
3	7409.00	-54.40	RMS	37.26	-22.89	1.94	-95.23	24.52	-13.00	-41.40	Horizontal



Site : 03CH23-HY
Condition: -13 3m DRH18-E_LE2C05A18EN_250702 Vertical
: WCDMA Ch9262

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter dB	EIRPCF dB	Readin dBuV	Limit dBm	Margin dB	Pol
				Factor dB/m	1 dB						
1	3704.00	-60.78	RMS	29.92	-23.77	1.72	-95.23	26.58	-13.00	-47.78	Vertical
2	5557.00	-58.25	RMS	33.11	-22.55	1.92	-95.23	24.50	-13.00	-45.25	Vertical
3	7409.00	-54.63	RMS	37.26	-22.89	1.94	-95.23	24.29	-13.00	-41.63	Vertical

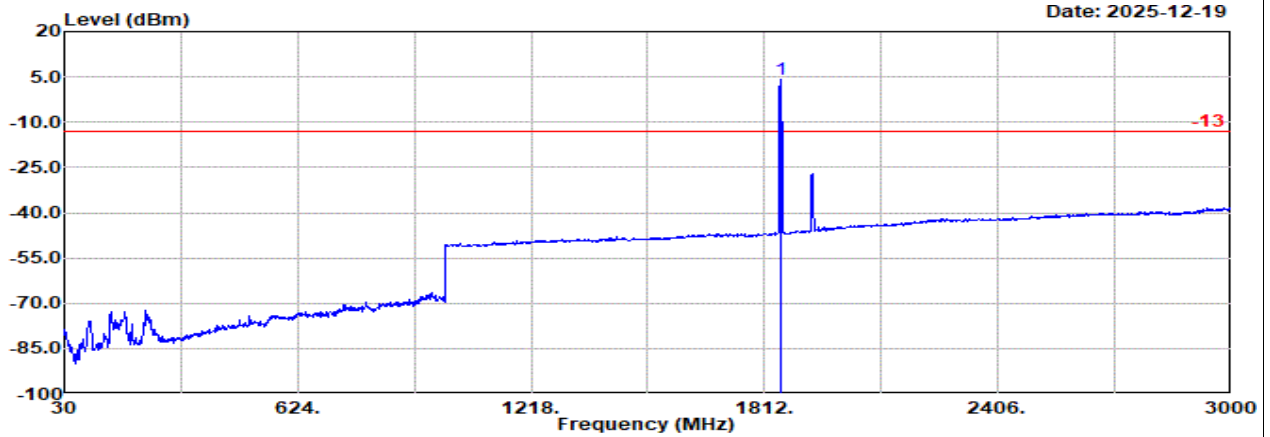


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Part 24E Mode 3

WCDMA B2 Ch9262

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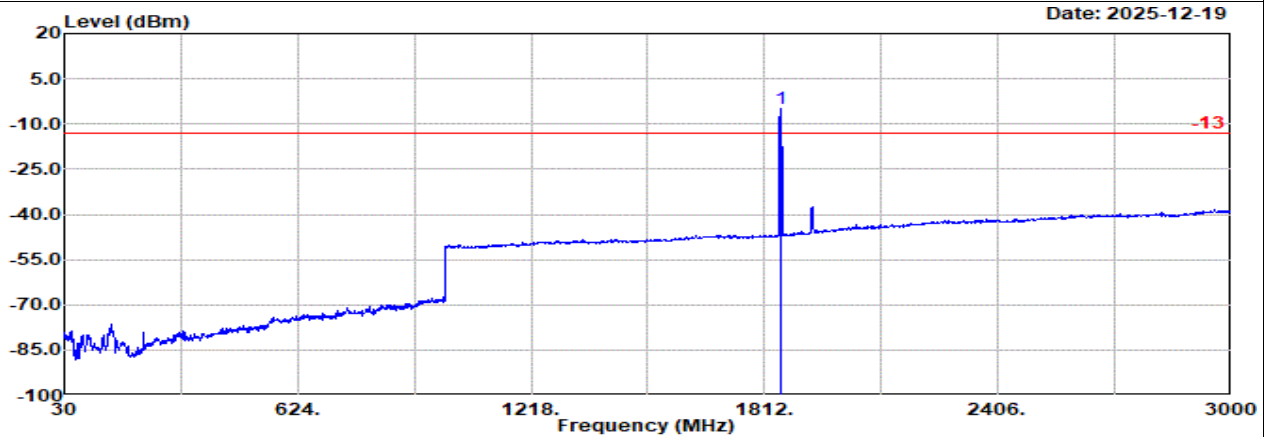
Site : 03CH23-HY

Condition: -13 3m DRH18-E_LE2C05A18EN_250702 Horizontal

: WCDMA II 9262

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1	1852.00	4.35	RMS	25.10	6.38	1.28	-95.23	66.82	-13.00	17.35 Horizontal



Site : 03CH23-HY

Condition: -13 3m DRH18-E_LE2C05A18EN_250702 Vertical

: WCDMA II 9262

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1	1854.00	-5.13	RMS	25.10	6.38	1.28	-95.23	57.34	-13.00	7.87 Vertical