



FCC RADIO TEST REPORT

FCC ID : ACJ9TGWW23C
Equipment : Radio Module
Brand Name : Panasonic
Model Name : WW23C
Applicant : Panasonic Corporation of North America
Two Riverfront Plaza, Newark, New Jersey, 07102-5490, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)

The product was received on Oct. 29, 2025 and testing was performed from Nov. 10, 2025 to Dec. 23, 2025. 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.

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 Location	6
1.4 Applicable 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	8
2.4 Frequency List of Low/Middle/High Channels	8
3 Conducted Test Result	9
3.1 Measuring Instruments.....	9
3.2 Conducted Output Power and ERP/EIRP	10
4 Radiated Test Items	11
4.1 Measuring Instruments.....	11
4.2 Test Setup	11
4.3 Test Result of Radiated Test.....	12
4.4 Field Strength of Spurious Radiation Measurement	13
5 List of Measuring Equipment.....	14
6 Measurement Uncertainty	15
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
FG5O2913B	01	Initial issue of report	Jan. 20, 2026



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, the spot check Radiated Spurious Emission 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: WW23C)

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE
Installed into the Host	Brand Name: Panasonic Model Name: FM-56
Antenna Type for Host	Monopole Antenna

Remark: The product was installed into Portable Computer (Brand Name: Panasonic, Model Name: FZ-56(mk1) during test.

Support band and evaluated information	
Supported band	B2,B4,B5
Evaluated and Tested band	B2,B4,B5

band Power Class				
	PC3			
WCDMA B2	V			
WCDMA B4	V			
WCDMA B5	V			

Max Antenna Gain information(dBi)							
Band	Ant 0 WWAN-main						Main Ant. #
WCDMA B2	2.07						0
WCDMA B4	2.43						0
WCDMA B5	0.74						0

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. 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	03CH11-HY
Test Engineer	Eric Wu	Daniel Lee, Fu Chen and Troye Hsieh
Temperature (°C)	21.3~23.3	19.0~21.8
Relative Humidity (%)	55.2~57.2	50.1~65.9

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

FCC Designation No.: 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
- ♦ ANSI / TIA-603-E
- ♦ 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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. 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.

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

Radiated emissions were investigated as following frequency range:

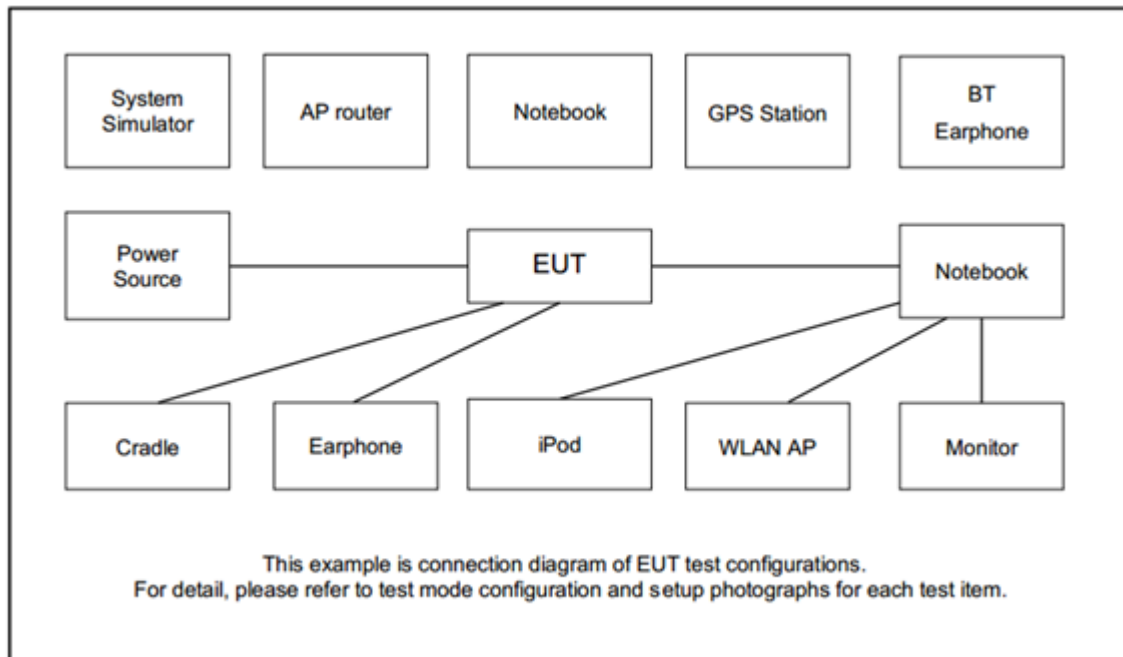
1. 30 MHz to 9000 MHz for WCDMA Band V
2. 30 MHz to 18000 MHz for WCDMA Band IV
3. 30 MHz to 19100 MHz for WCDMA Band II

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.	iPod Earphone	Apple	A1285	DoC	N/A	UnShielded, 1.2m
2.	Base Station	Anritsu	8821C	N/A	N/A	N/A
3.	Base Station	Anritsu	8820C	N/A	N/A	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

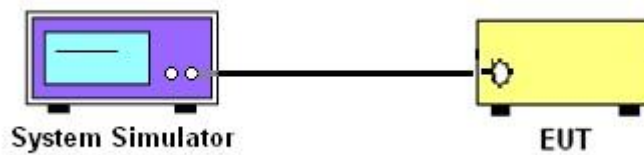
3 Conducted Test Result

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.

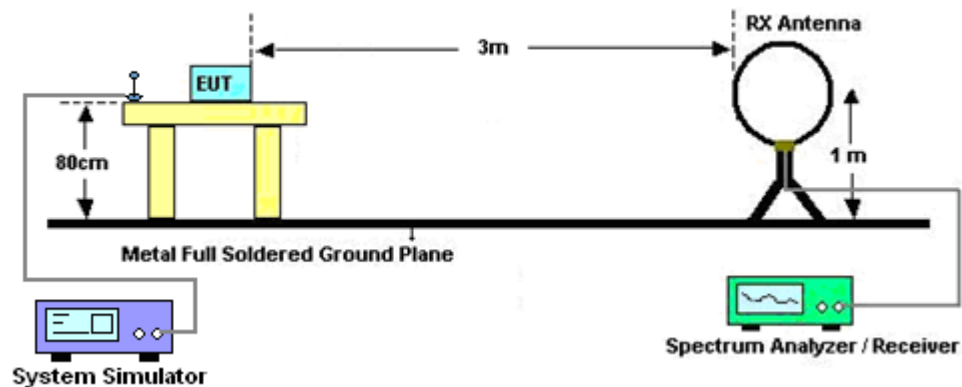
4 Radiated Test Items

4.1 Measuring Instruments

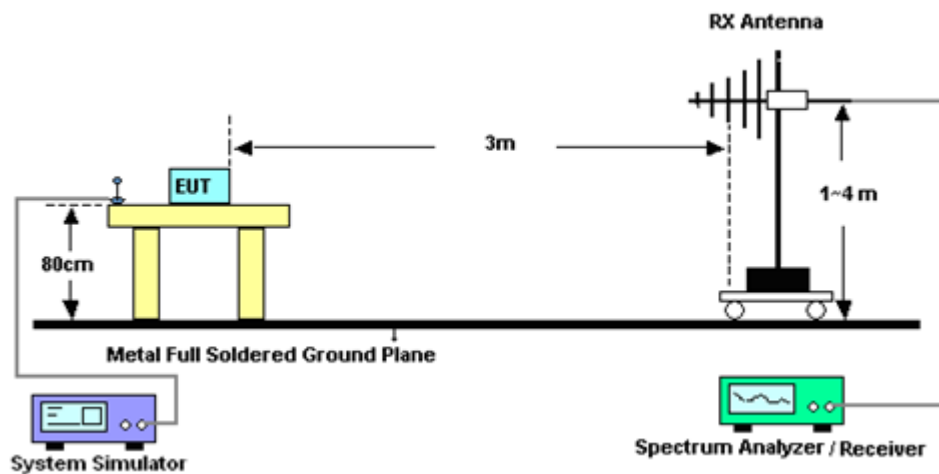
Please refer to the measuring equipment list in this test report.

4.2 Test Setup

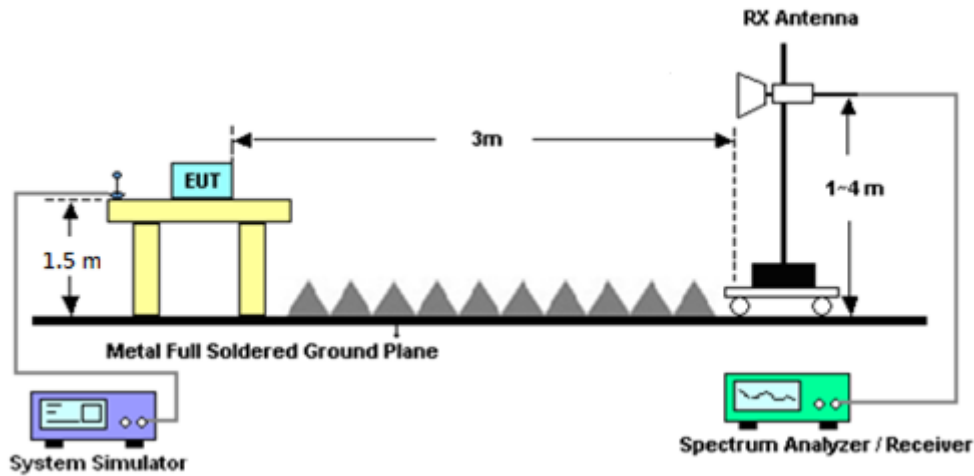
For radiated test below 30MHz



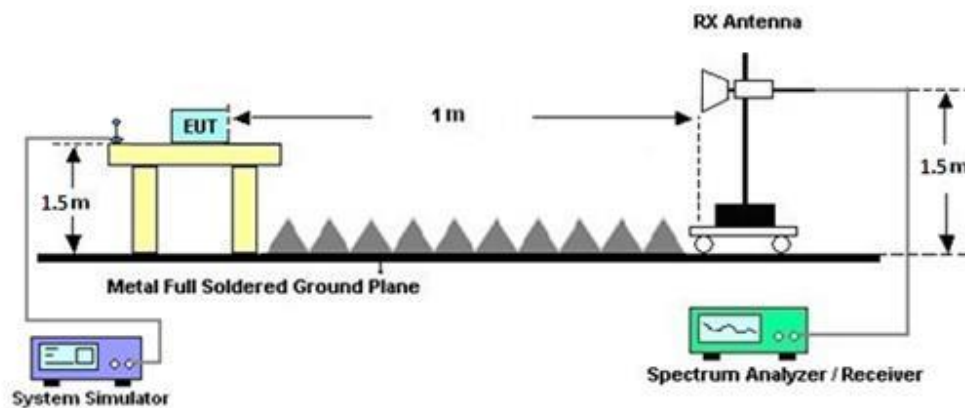
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 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
Spectrum Analyzer	Rohde & Schwarz	FSP30	101329	9kHz~30GHz	Sep. 30, 2025	Dec. 23, 2025	Sep. 29, 2026	Conducted (TH05-HY)
Universal Digital Radio COMM. Tester	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Aug. 14, 2025	Dec. 23, 2025	Aug. 13, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GEU871221	0V~64V ; 0A~6A	Apr. 14, 2025	Dec. 23, 2025	Apr. 13, 2026	Conducted (TH05-HY)
Temperature & Humidity Cabinet Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	May. 12, 2025	Dec. 23, 2025	May. 11, 2026	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	N/A	Mar. 03, 2025	Dec. 23, 2025	Mar. 02, 2026	Conducted (TH05-HY)
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002-N-06	66925 & 24006	30MHz~1GHz	Feb. 19, 2025	Nov. 10, 2025~Nov. 14, 2025	Feb. 18, 2026	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Nov. 10, 2025~Nov. 14, 2025	Dec. 17, 2025	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	Nov. 10, 2025~Nov. 14, 2025	Sep. 14, 2026	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Nov. 10, 2025~Nov. 14, 2025	Jul. 01, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 07, 2024	Nov. 10, 2025~Nov. 14, 2025	Dec. 06, 2025	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 24, 2025	Nov. 10, 2025~Nov. 14, 2025	Mar. 23, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 21, 2025	Nov. 10, 2025~Nov. 14, 2025	Jan. 20, 2026	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 25, 2025	Nov. 10, 2025~Nov. 14, 2025	Aug. 24, 2026	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 23, 2025	Nov. 10, 2025~Nov. 14, 2025	Oct. 22, 2026	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 22, 2025	Nov. 10, 2025~Nov. 14, 2025	Jul. 21, 2026	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 10, 2025~Nov. 14, 2025	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 10, 2025~Nov. 14, 2025	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 10, 2025~Nov. 14, 2025	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-002391	N/A	N/A	Nov. 10, 2025~Nov. 14, 2025	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 05, 2025	Nov. 10, 2025~Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 05, 2025	Nov. 10, 2025~Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 05, 2025	Nov. 10, 2025~Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	May 10, 2025	Nov. 10, 2025~Nov. 14, 2025	May 09, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 09, 2025	Nov. 10, 2025~Nov. 14, 2025	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 09, 2025	Nov. 10, 2025~Nov. 14, 2025	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 09, 2025	Nov. 10, 2025~Nov. 14, 2025	Sep. 08, 2026	Radiation (03CH11-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% ($U = 2Uc(y)$)	4.9 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 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 ERP/EIRP)					
WCDMA Band V Maximum Average Power [dBm] (GT - LC = 0.74 dB)					
Channel	4132	4182	4233	ERP (dBm)	ERP (W)
Frequency	826.4	836.4	846.6		
RMC 12.2K	23.30	23.26	23.33	21.92	0.1556
HSDPA Subtest-1	22.34	22.49	22.69		
HSDPA Subtest-2	22.01	22.00	22.12		
HSDPA Subtest-3	22.40	22.38	22.43		
HSDPA Subtest-4	22.41	22.30	22.31		
DC-HSDPA Subtest-	22.25	22.44	22.68		
DC-HSDPA Subtest-	21.91	21.94	22.05		
DC-HSDPA Subtest-	22.34	22.32	22.41		
DC-HSDPA Subtest-	22.40	22.22	22.28		
HSUPA Subtest-1	22.46	22.41	22.58		
HSUPA Subtest-2	20.44	20.41	20.62		
HSUPA Subtest-3	21.44	21.37	21.65		
HSUPA Subtest-4	20.47	20.47	20.58		
HSUPA Subtest-5	22.40	22.50	22.50		
Limit	ERP < 7W			Result	Pass

WCDMA Band II Maximum Average Power [dBm] (GT - LC = 2.07 dB)					
Channel	9262	9400	9538	EIRP (dBm)	EIRP (W)
Frequency	1852.4	1880	1907.6		
RMC 12.2K	23.20	23.12	23.28	25.35	0.3428
HSDPA Subtest-1	21.88	21.69	22.04		
HSDPA Subtest-2	21.43	21.22	21.61		
HSDPA Subtest-3	21.92	21.96	21.94		
HSDPA Subtest-4	21.88	21.74	22.05		
DC-HSDPA Subtest-	21.79	21.62	21.96		
DC-HSDPA Subtest-	21.42	21.16	21.57		
DC-HSDPA Subtest-	21.91	21.92	21.93		
DC-HSDPA Subtest-	21.86	21.64	21.97		
HSUPA Subtest-1	21.78	21.82	21.95		
HSUPA Subtest-2	19.92	19.75	20.02		
HSUPA Subtest-3	20.67	20.72	20.96		
HSUPA Subtest-4	19.87	19.78	20.04		
HSUPA Subtest-5	21.70	21.70	21.90		
Limit	EIRP < 2W			Result	Pass

WCDMA Band IV Maximum Average Power [dBm] (GT - LC = 2.43 dB)					
Channel	1312	1413	1513	EIRP (dBm)	EIRP (W)
Frequency	1712.4	1732.6	1752.6		
RMC 12.2K	23.16	23.42	23.17	25.85	0.3846
HSDPA Subtest-1	22.11	22.22	21.97		
HSDPA Subtest-2	21.52	21.74	21.38		
HSDPA Subtest-3	22.12	22.40	21.90		
HSDPA Subtest-4	22.03	22.18	22.12		
DC-HSDPA Subtest-	22.03	22.17	21.89		
DC-HSDPA Subtest-	21.46	21.70	21.28		
DC-HSDPA Subtest-	22.11	22.32	21.86		
DC-HSDPA Subtest-	21.94	22.14	22.06		
HSUPA Subtest-1	22.03	22.15	21.81		
HSUPA Subtest-2	19.97	20.18	19.82		
HSUPA Subtest-3	21.02	21.15	20.84		
HSUPA Subtest-4	20.04	20.28	19.92		
HSUPA Subtest-5	22.00	21.90	21.70		
Limit	EIRP < 1W			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
1	WCDMA B5	Part 22H	M	2522	-57.63	RMS	27.92	-26.21	0.23	-95.23	35.66	-13.00	-44.63	V	0
1	WCDMA B2	Part 24E	M	7515	-50.96	RMS	36.07	-21.52	0.16	-95.23	29.56	-13.00	-37.96	H	0
1	WCDMA B4	Part 27L	M	6930	-51.67	RMS	35.80	-21.94	0.34	-95.23	29.36	-13.00	-38.67	H	0

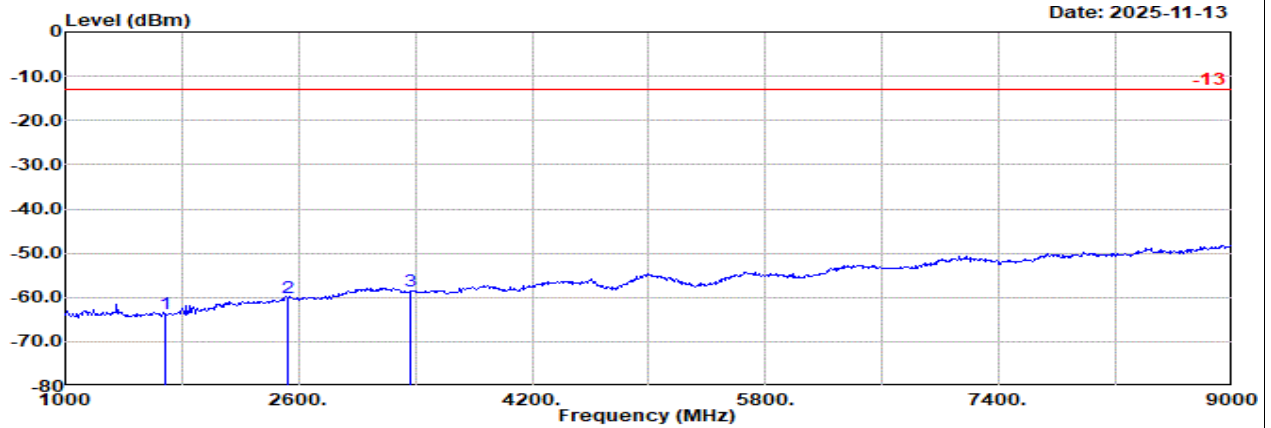


Ant. 0

Part 22H Mode 1

WCDMA B5 Ch4182

M

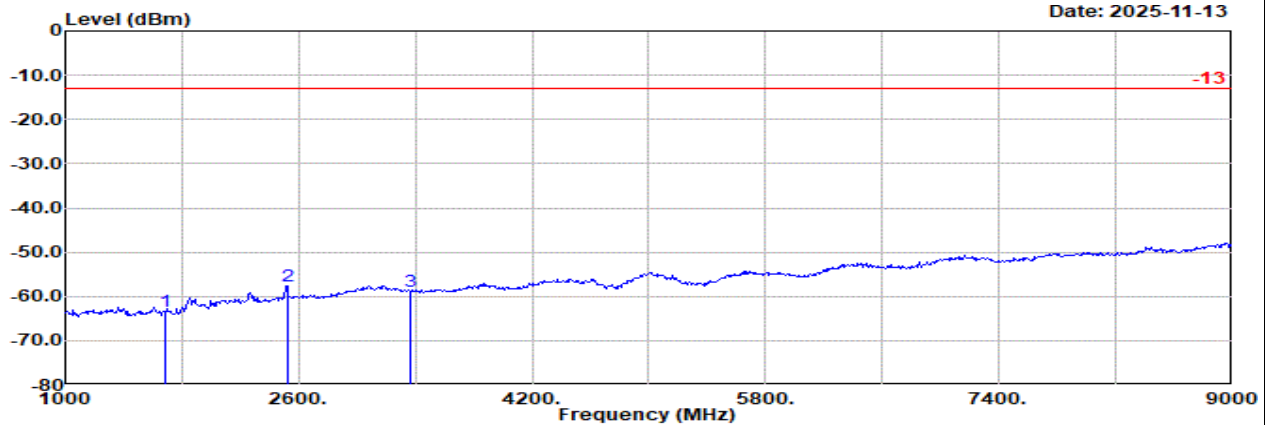


Site : 03CH11-HY

Condition: -13 3m 9120D_01620_250915 Horizontal

: WCDMA 850 CH4182

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1682.00	-63.84	RMS	25.08	-28.12	0.30	-95.23	34.13	-13.00	-50.84	Horizontal
2	2522.00	-60.04	RMS	27.92	-26.21	0.23	-95.23	33.25	-13.00	-47.04	Horizontal
3	3363.00	-58.68	RMS	29.50	-25.16	0.24	-95.23	31.97	-13.00	-45.68	Horizontal



Site : 03CH11-HY

Condition: -13 3m 9120D_01620_250915 Vertical

: WCDMA 850 CH4182

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1682.00	-63.39	RMS	25.08	-28.12	0.30	-95.23	34.58	-13.00	-50.39	Vertical
2	2522.00	-57.63	RMS	27.92	-26.21	0.23	-95.23	35.66	-13.00	-44.63	Vertical
3	3363.00	-58.80	RMS	29.50	-25.16	0.24	-95.23	31.85	-13.00	-45.80	Vertical

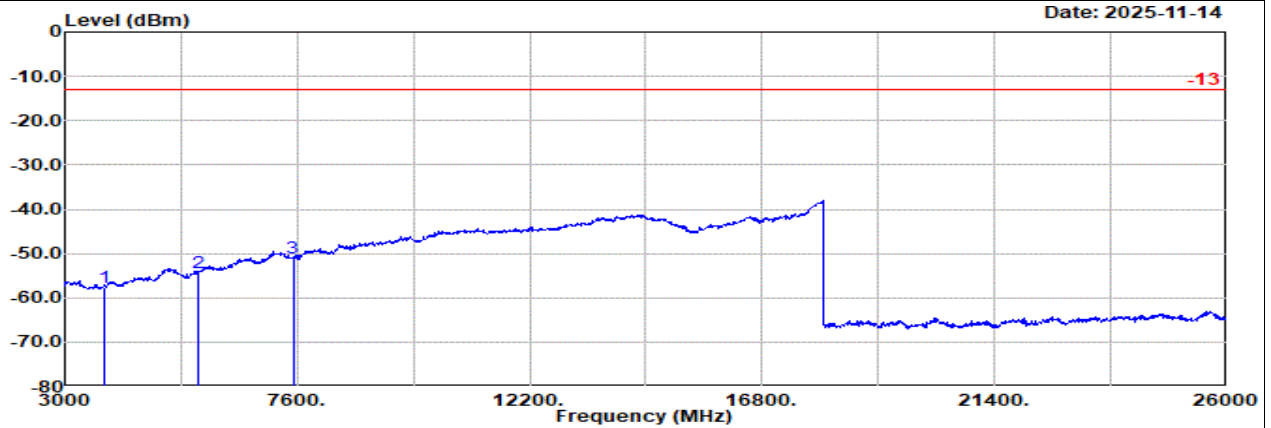


Ant. 0

Part 24E Mode 1

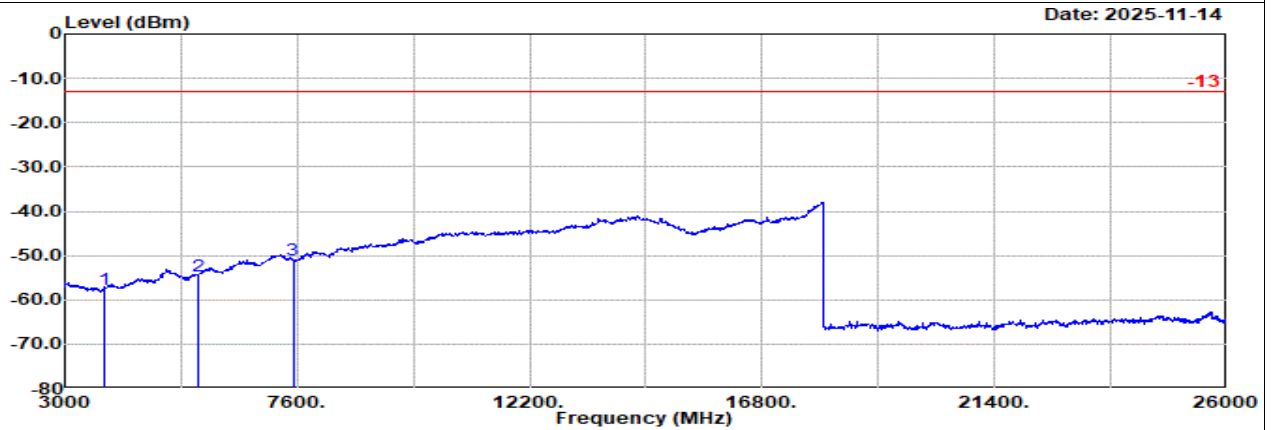
WCDMA B2 Ch9400

M



Site : 03CH11-HY
Condition: -13 1m SHF_1223_250702 Horizontal
: GSM 1900 Ch661

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3765.00	-57.64	RMS	30.02	-24.86	0.87	-95.23	31.56	-13.00	-44.64	Horizontal			
2	5640.00	-54.30	RMS	32.94	-22.43	0.84	-95.23	29.58	-13.00	-41.30	Horizontal			
3	7515.00	-50.96	RMS	36.07	-21.52	0.16	-95.23	29.56	-13.00	-37.96	Horizontal			



Site : 03CH11-HY
Condition: -13 1m SHF_1223_250702 Vertical
: GSM 1900 Ch661

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3765.00	-57.60	RMS	30.02	-24.86	0.87	-95.23	31.60	-13.00	-44.60	Vertical			
2	5640.00	-54.51	RMS	32.94	-22.43	0.84	-95.23	29.37	-13.00	-41.51	Vertical			
3	7515.00	-51.08	RMS	36.07	-21.52	0.16	-95.23	29.44	-13.00	-38.08	Vertical			

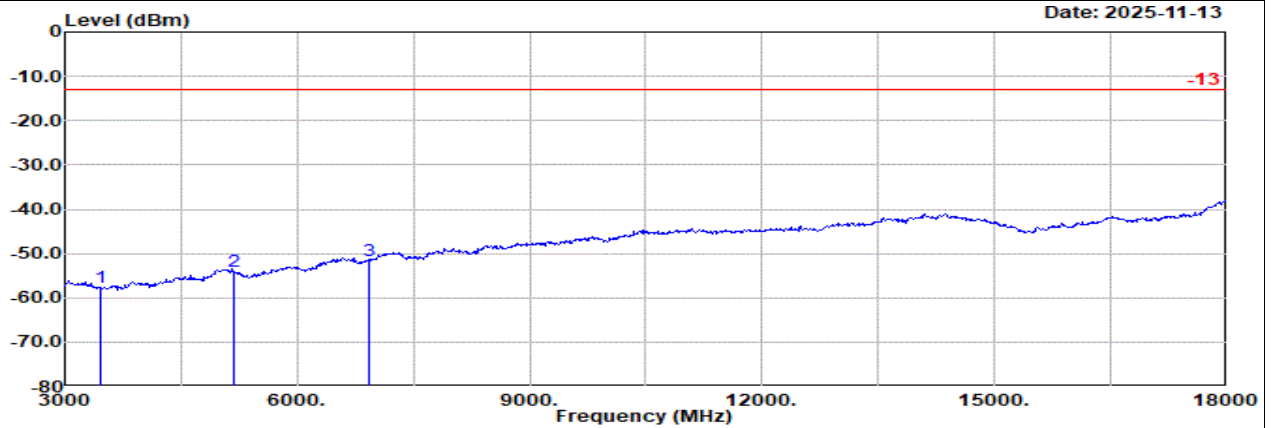


Ant. 0

Part 27L Mode 1

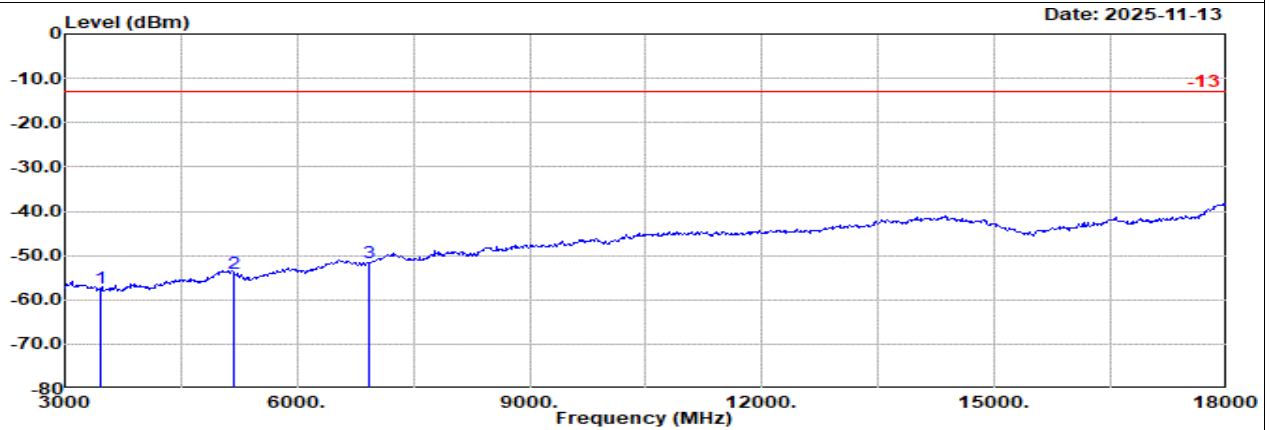
WCDMA B4 Ch1413

M



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_250915 Horizontal
: WCDMA 1700 Ch1413

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3465.00	-57.60	RMS	29.40	-25.05	1.02	-95.23	32.26	-13.00	-44.60	Horizontal	
2	5190.00	-54.06	RMS	33.00	-23.16	0.90	-95.23	30.43	-13.00	-41.06	Horizontal	
3	6930.00	-51.67	RMS	35.80	-21.94	0.34	-95.23	29.36	-13.00	-38.67	Horizontal	



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_250915 Vertical
: WCDMA 1700 Ch1413

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3465.00	-57.35	RMS	29.40	-25.05	1.02	-95.23	32.51	-13.00	-44.35	Vertical	
2	5190.00	-54.13	RMS	33.00	-23.16	0.90	-95.23	30.36	-13.00	-41.13	Vertical	
3	6930.00	-51.77	RMS	35.80	-21.94	0.34	-95.23	29.26	-13.00	-38.77	Vertical	

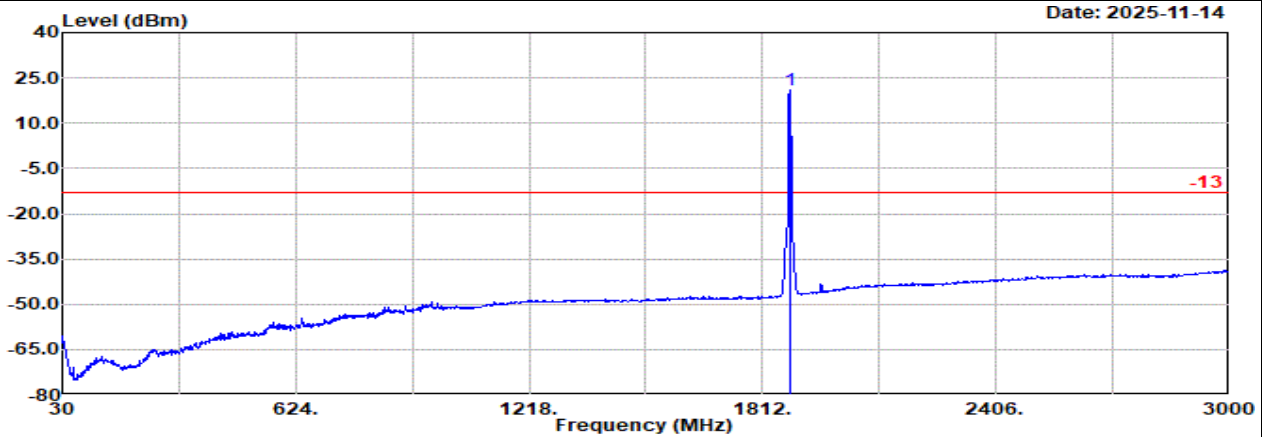


Ant. 0

Part 24E Mode 1

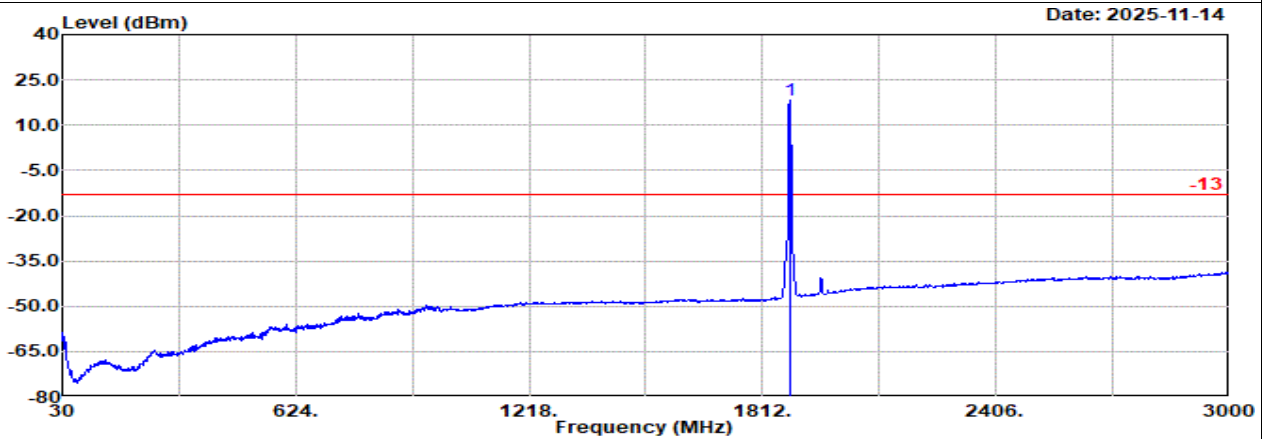
WCDMA B2 Ch9400

M



Site : 03CH11-HY
Condition: -13 3m Bilog_63304_241217 Horizontal
: WCDMA 1900 Ch9400
: #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	1880.00	20.97	RMS	25.50	6.02	0.00	-95.23	84.68	-13.00	33.97	Horizontal



Site : 03CH11-HY
Condition: -13 3m Bilog_63304_241217 Vertical
: WCDMA 1900 Ch9400
: #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	1880.00	18.07	RMS	25.50	6.02	0.00	-95.23	81.78	-13.00	31.07	Vertical