



FCC RADIO TEST REPORT

FCC ID : ACJ9TGWW21B
Equipment : Radio Module
Brand Name : Panasonic
Model Name : WW21B
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 Sep. 02, 2025 and testing was performed from Sep. 16, 2025 to Oct. 08, 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 C63.26-2015 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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	6
1.1 Product Feature of Equipment Under Test	6
1.2 Modification of EUT	6
1.3 Testing Location	7
1.4 Applicable Standards	7
2 Test Configuration of Equipment Under Test	8
2.1 Test Mode.....	8
2.2 Connection Diagram of Test System	8
2.3 Support Unit used in test configuration	9
2.4 Frequency List of Low/Middle/High Channels	9
3 Conducted Test Result	10
3.1 Measuring Instruments.....	10
3.2 Conducted Output Power and ERP/EIRP	11
4 Radiated Test Items	12
4.1 Measuring Instruments.....	12
4.2 Test Setup	12
4.3 Test Result of Radiated Test.....	13
4.4 Field Strength of Spurious Radiation Measurement	14
5 List of Measuring Equipment.....	15
6 Measurement Uncertainty	16
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
FG4D1251-02A	01	Initial issue of report	Dec. 01, 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	-	See Note
-	§2.1049 §22.917 (b) §24.238 (b) §27.53 (g)	Occupied Bandwidth (WCDMA Band V) (WCDMA Band II) (WCDMA Band IV)	-	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)	-	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g)	Conducted Emission (WCDMA Band V) (WCDMA Band II) (WCDMA Band IV)	-	See Note
-	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	-	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	-
Note: 1. For host device, the spot check Radiated Spurious Emission and complies with the limit in this test report. 2. For host device, the spot check Conducted Output Power is no difference after compared to module (Model: Panasonic WW21B)				

**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: Keven Cheng

Report Producer: Hannah 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: FZ-40(mk3)
Antenna Type for Host	Monopole Antenna

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

Max Antenna Gain information(dBi)							
Band	Ant 0						Main Ant. #
WCDMA B2	1.99						0
WCDMA B4	1.48						0
WCDMA B5	-0.09						0

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

Accessories Information for Host		
AC Adapter	Brand Name	Panasonic
	Model Name	CF-AA5713A
Battery	Brand Name	Panasonic
	Model Name	FZ-VZSU1XU

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
Test Site No.	Sporton Site No.
	TH03-HY
Test Engineer	Eric Wu
Temperature (°C)	20~22
Relative Humidity (%)	37.5~39.5

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010
Test Site No.	Sporton Site No.
	03CH20-HY (TAF Code: 3786)
Test Engineer	John Chuang, David Dai and Sam Chou
Temperature (°C)	19~22.2
Relative Humidity (%)	64.6~70
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:

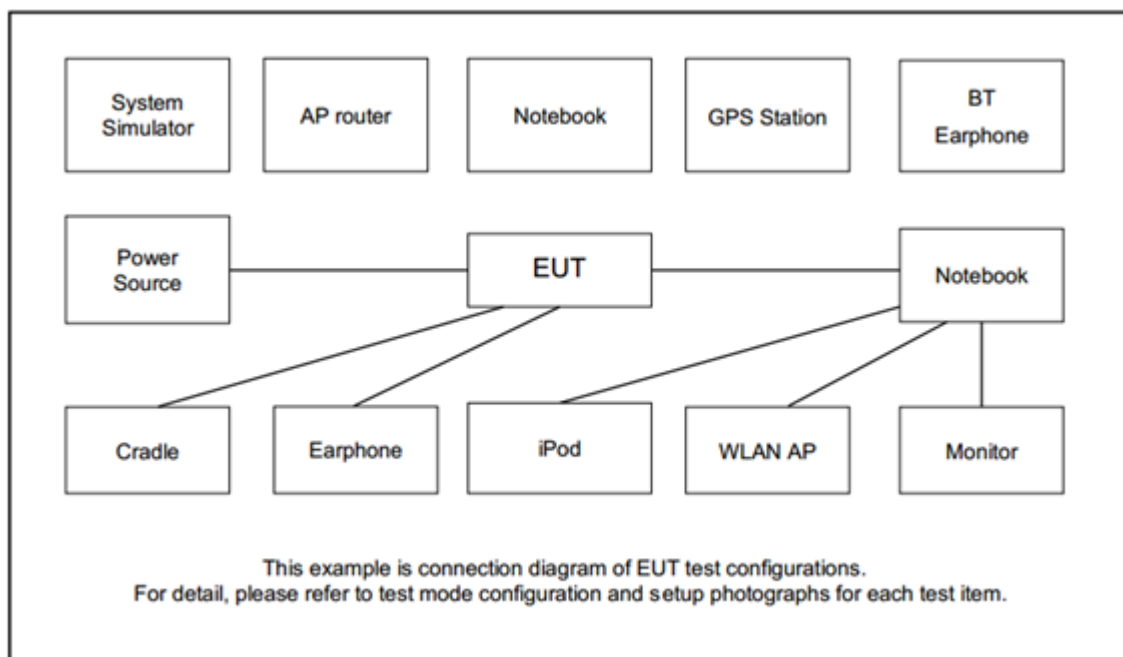
1. 30 MHz to 9000 MHz for WCDMA Band V
2. 30 MHz to 18000 MHz for WCDMA Band IV
3. 30 MHz to 19100 MHz for WCDMA Band II

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.	Notebook	DELL	Latitude5310	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
3.	Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
4.	Earphone	Moto	SJYN1181B	N/A	N/A	Unshielded, 1.25m

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

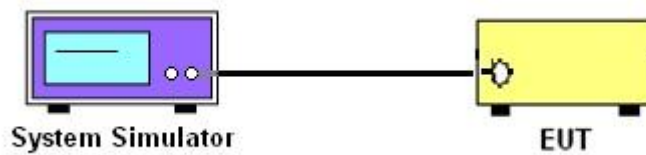
3 Conducted Test Result

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.

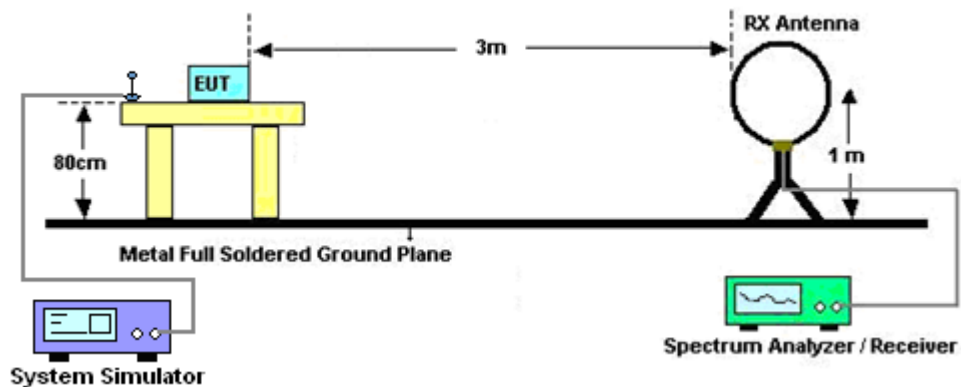
4 Radiated Test Items

4.1 Measuring Instruments

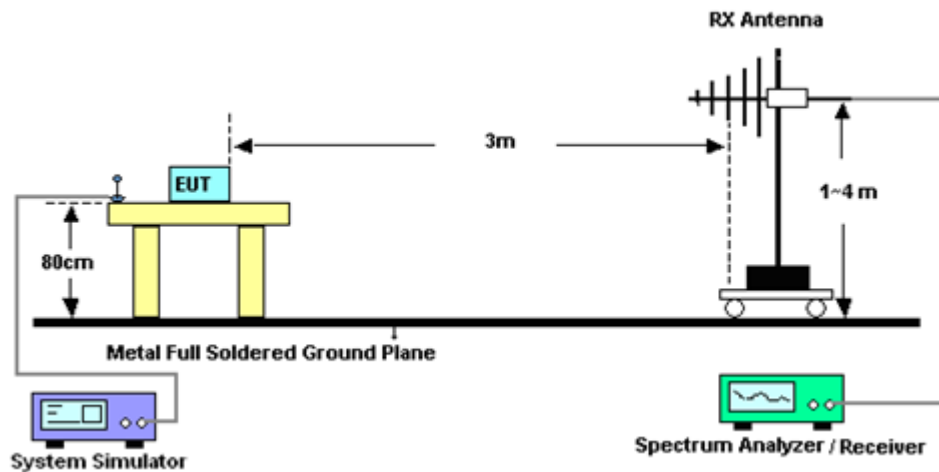
Please refer to the measuring equipment list in this test report.

4.2 Test Setup

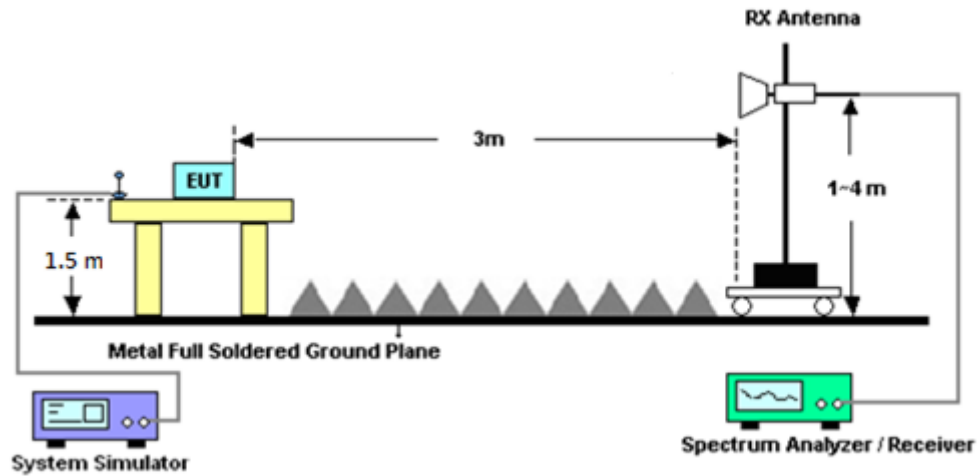
For radiated test below 30MHz



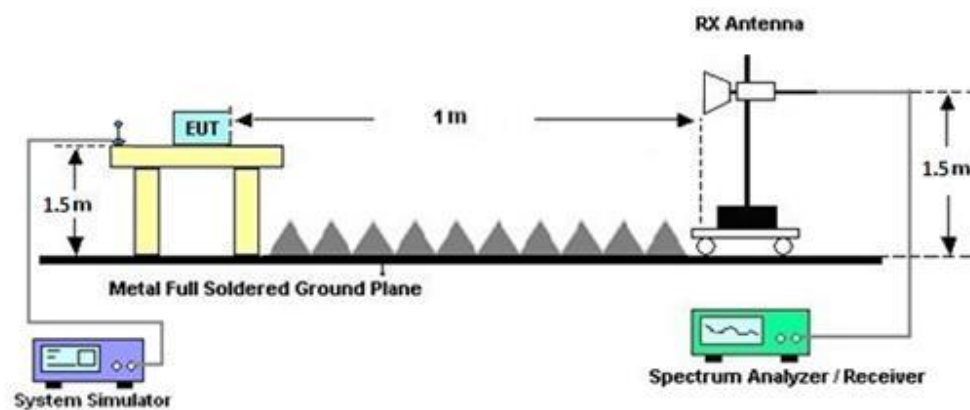
For radiated test from 30MHz to 1GHz



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
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Oct. 15, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Nov. 18, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Nov. 17, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Sep. 16, 2025 ~ Oct. 08, 2025	Aug. 25, 2026	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Sep. 16, 2025 ~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 16, 2025 ~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 16, 2025 ~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 09, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Dec. 08, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00994	18GHz-40GHz	Jan. 09, 2025	Sep. 16, 2025 ~ Oct. 08, 2025	Jan. 08, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 12, 2024	Sep. 16, 2025 ~ Oct. 08, 2025	Nov. 11, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,80 4015/2,8040 27/2	N/A	Jan. 16, 2025	Sep. 16, 2025 ~ Oct. 08, 2025	Jan. 15, 2026	Radiation (03CH20-HY)
Hygrometer	TECEPIL	DTM-303A	TP211382	N/A	Mar. 31, 2025	Sep. 16, 2025 ~ Oct. 08, 2025	Mar. 30, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Sep. 16, 2025 ~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz~30GHz	Jan. 21, 2025	Oct. 01, 2025	Jan. 20, 2026	Conducted (TH03-HY)
Base Station	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Aug. 14, 2025	Oct. 01, 2025	Aug. 13, 2026	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPE-2323	GET910896	0V~64V ; 0A~6A	Nov. 26, 2024	Oct. 01, 2025	Nov. 25, 2025	Conducted (TH03-HY)
Temperature & Humidity Cabinet Chamber	ESPEC	LHU-113	1012005860	-20°C~85°C	Dec. 10, 2024	Oct. 01, 2025	Dec. 09, 2025	Conducted (TH03-HY)
Hygrometer	TECEPIL	DTM-303B	TP200886	N/A	Mar. 03, 2025	Oct. 01, 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% ($U = 2Uc(y)$)	6.7 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 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 = -0.09 dB)					
Channel	4132	4182	4233	ERP (dBm)	ERP (W)
Frequency	826.4	836.4	846.6		
RMC 12.2K	23.35	23.41	23.29	21.17	0.1309
HSDPA Subtest-1	22.24	22.47	22.59		
HSDPA Subtest-2	21.75	21.96	22.07		
HSDPA Subtest-3	22.26	22.42	22.53		
HSDPA Subtest-4	22.24	22.45	22.55		
HSUPA Subtest-1	22.25	22.47	22.60		
HSUPA Subtest-2	21.74	21.96	22.07		
HSUPA Subtest-3	22.27	22.42	22.52		
HSUPA Subtest-4	22.24	22.44	22.55		
HSUPA Subtest-5	22.23	22.46	22.52		
Limit	ERP < 7W			Result	Pass

WCDMA Band II Maximum Average Power [dBm] (GT - LC = 1.99 dB)					
Channel	9262	9400	9538	EIRP (dBm)	EIRP (W)
Frequency	1852.4	1880	1907.6		
RMC 12.2K	23.24	23.60	23.30	25.59	0.3622
HSDPA Subtest-1	22.27	22.29	22.27		
HSDPA Subtest-2	22.25	22.35	22.08		
HSDPA Subtest-3	22.27	22.33	22.26		
HSDPA Subtest-4	22.30	22.30	22.23		
HSUPA Subtest-1	22.22	22.23	22.23		
HSUPA Subtest-2	22.20	22.31	22.04		
HSUPA Subtest-3	22.22	22.31	22.18		
HSUPA Subtest-4	22.23	22.27	22.20		
HSUPA Subtest-5	22.26	22.31	22.26		
Limit	EIRP < 2W			Result	Pass

WCDMA Band IV Maximum Average Power [dBm] (GT - LC = 1.48 dB)					
Channel	1312	1413	1513	EIRP (dBm)	EIRP (W)
Frequency	1712.4	1732.6	1752.6		
RMC 12.2K	23.44	23.58	23.51	25.06	0.3206
HSDPA Subtest-1	22.26	22.48	22.61		
HSDPA Subtest-2	21.76	21.97	22.09		
HSDPA Subtest-3	22.28	22.44	22.54		
HSDPA Subtest-4	22.25	22.46	22.56		
HSUPA Subtest-1	22.26	22.48	22.61		
HSUPA Subtest-2	21.76	21.97	22.09		
HSUPA Subtest-3	22.28	22.44	22.54		
HSUPA Subtest-4	22.25	22.46	22.56		
HSUPA Subtest-5	22.25	22.47	22.54		
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	1672	-53.69	RMS	25.40	-28.74	0.47	-95.23	44.41	-13.00	-40.69	H	0
1	WCDMA B2	Part 24E	M	7520	-57.02	RMS	36.36	-23.06	0.40	-95.23	24.51	-13.00	-44.02	V	0
1	WCDMA B4	Part 27L	M	5198	-56.69	RMS	32.82	-24.90	0.53	-95.23	30.09	-13.00	-43.69	V	0

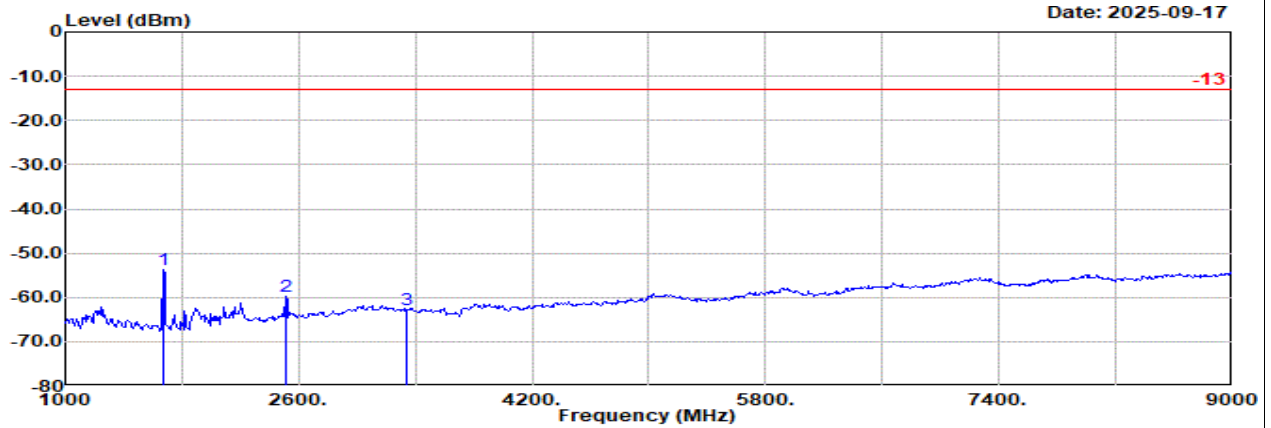


Ant. 0

Part 22H Mode 1

WCDMA B5 Ch4182

M

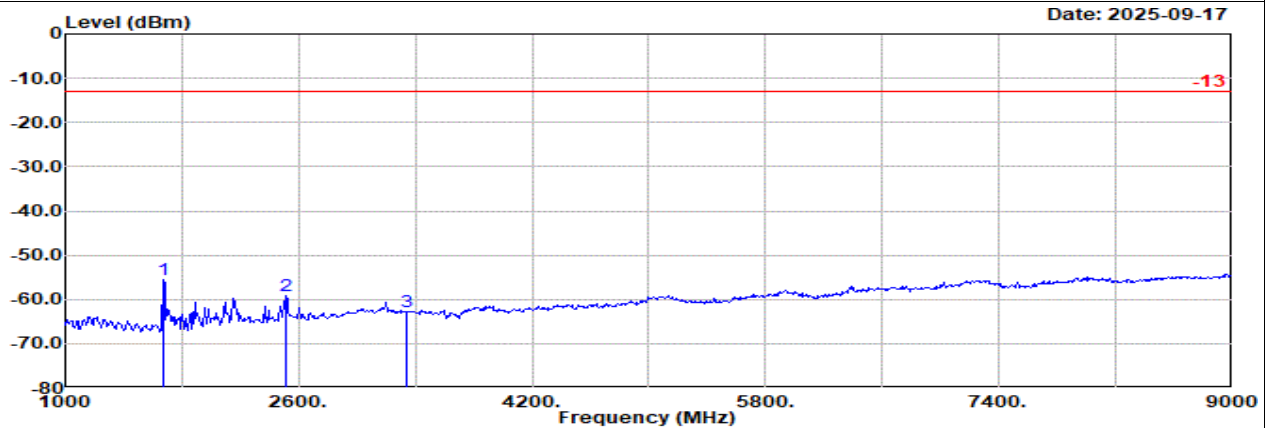


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: WCDMA Band V 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	1672.00	-53.69	RMS	25.40	-28.74	0.47	-95.23	44.41	-13.00	-40.69	Horizontal
2	2509.00	-59.75	RMS	28.09	-27.45	0.44	-95.23	34.40	-13.00	-46.75	Horizontal
3	3345.00	-62.67	RMS	29.59	-26.09	0.32	-95.23	28.74	-13.00	-49.67	Horizontal



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: WCDMA Band V 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	1672.00	-55.54	RMS	25.40	-28.74	0.47	-95.23	42.56	-13.00	-42.54	Vertical
2	2509.00	-59.04	RMS	28.09	-27.45	0.44	-95.23	35.11	-13.00	-46.04	Vertical
3	3345.00	-62.75	RMS	29.59	-26.09	0.32	-95.23	28.66	-13.00	-49.75	Vertical

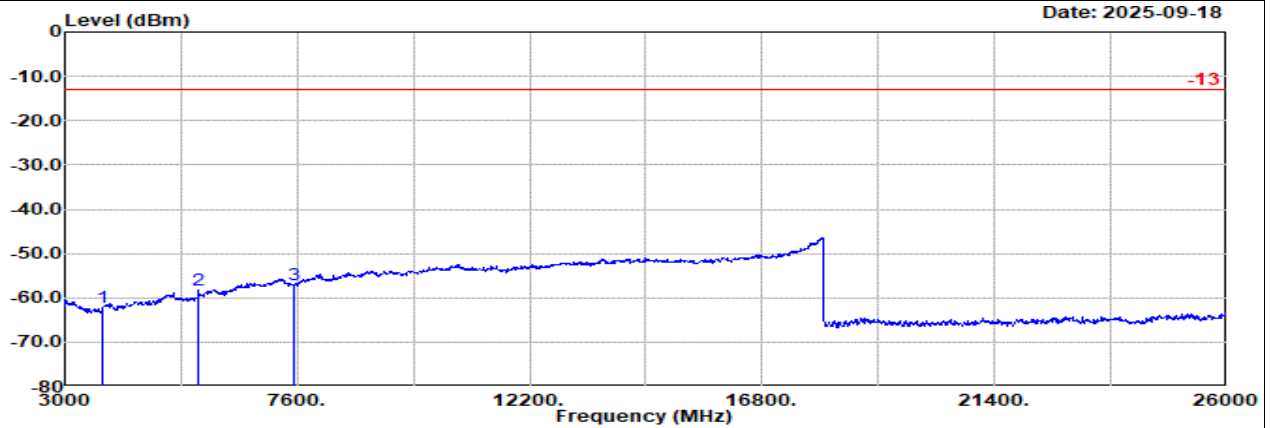


Ant. 0

Part 24E Mode 1

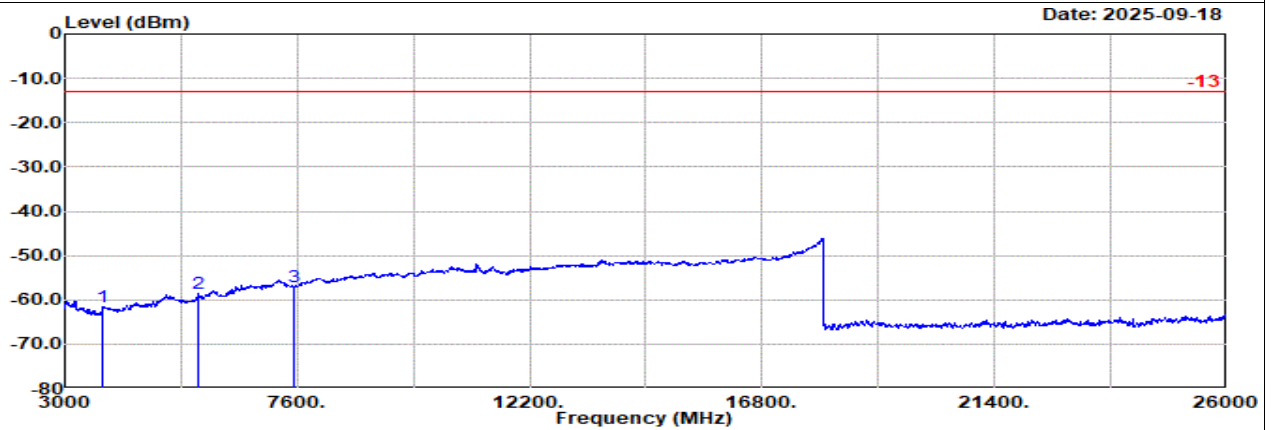
WCDMA B2 Ch9400

M



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Horizontal
: WCDMA Band V Ch9400

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3760.00	-62.07	RMS	30.32	-25.60	0.71	-95.23	27.73	-13.00	-49.07	Horizontal			
2	5640.00	-58.22	RMS	33.16	-24.52	0.48	-95.23	27.89	-13.00	-45.22	Horizontal			
3	7520.00	-57.02	RMS	36.36	-23.06	0.40	-95.23	24.51	-13.00	-44.02	Horizontal			



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Vertical
: WCDMA Band V Ch9400

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3760.00	-61.68	RMS	30.32	-25.60	0.71	-95.23	28.12	-13.00	-48.68	Vertical			
2	5640.00	-58.53	RMS	33.16	-24.52	0.48	-95.23	27.58	-13.00	-45.53	Vertical			
3	7520.00	-57.02	RMS	36.36	-23.06	0.40	-95.23	24.51	-13.00	-44.02	Vertical			

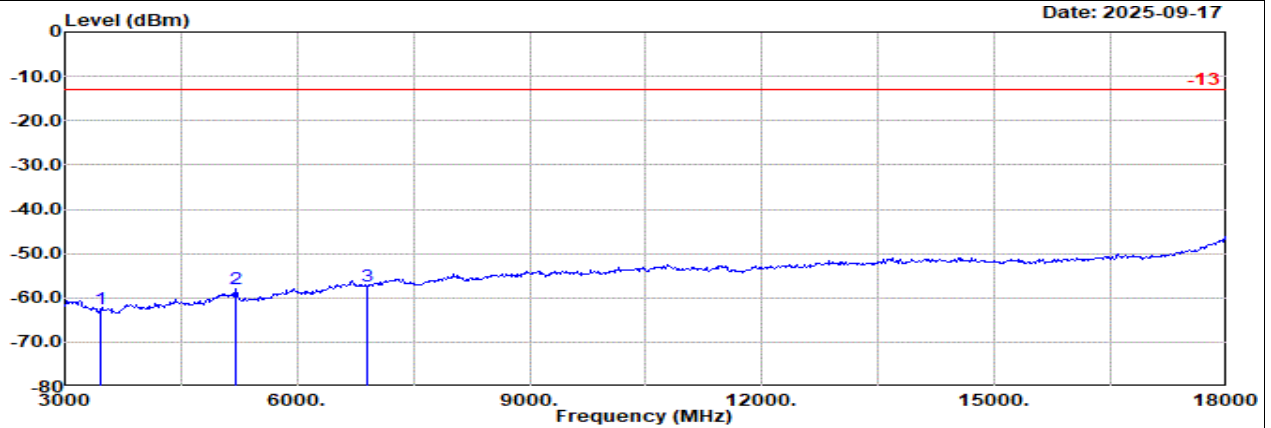


Ant. 0

Part 27L Mode 1

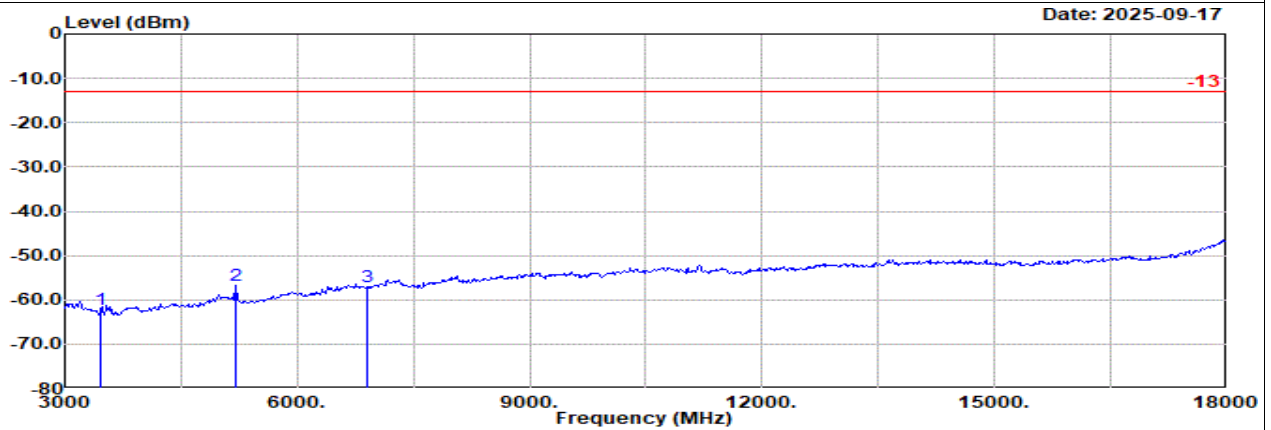
WCDMA B4 Ch1413

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_241101 Horizontal
: WCDMA Band IV Ch1413

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin Limit		Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	3465.00	-62.36	RMS	29.47	-25.94	0.58	-95.23	28.76	-13.00	-49.36	Horizontal	
2	5198.00	-57.98	RMS	32.82	-24.90	0.53	-95.23	28.80	-13.00	-44.98	Horizontal	
3	6903.00	-57.21	RMS	35.80	-23.28	0.60	-95.23	24.90	-13.00	-44.21	Horizontal	



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_241101 Vertical
: WCDMA Band IV Ch1413

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin Limit		Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	3465.00	-62.13	RMS	29.47	-25.94	0.58	-95.23	28.99	-13.00	-49.13	Vertical	
2	5198.00	-56.69	RMS	32.82	-24.90	0.53	-95.23	30.09	-13.00	-43.69	Vertical	
3	6903.00	-57.21	RMS	35.80	-23.28	0.60	-95.23	24.90	-13.00	-44.21	Vertical	

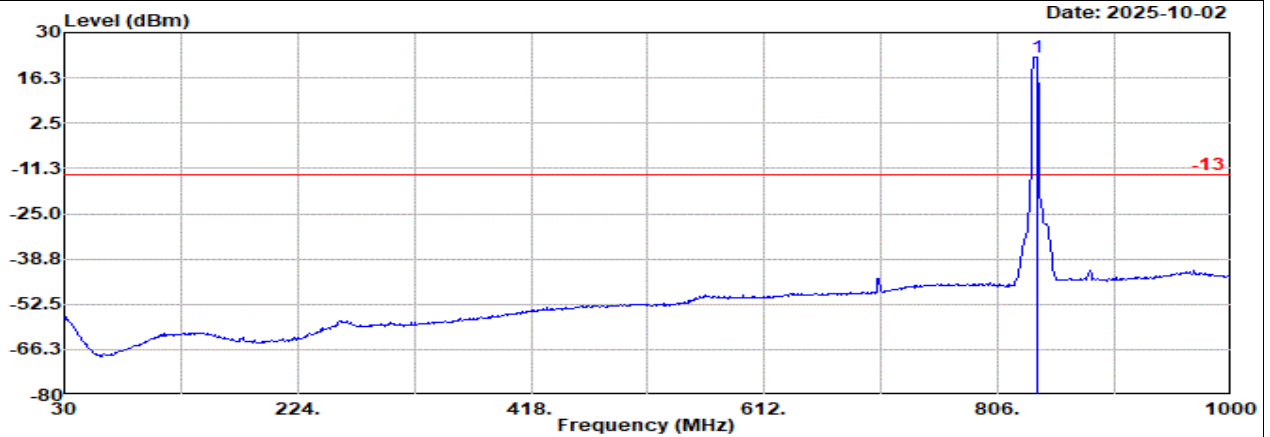


Ant. 0

Part 22H Mode 1

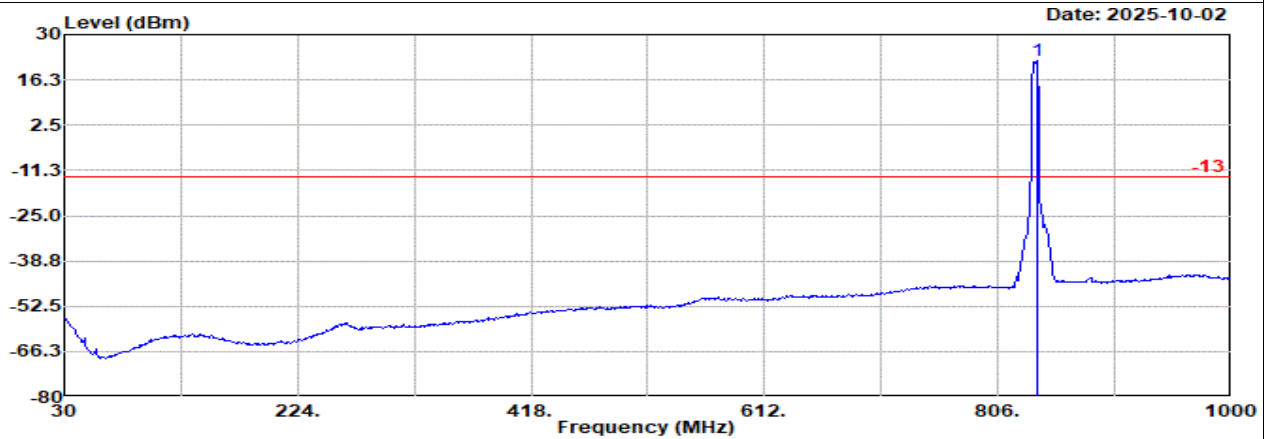
WCDMA B5 Ch4182

M



Site : 03CH20-HY
Condition: -13 3m Bilog_55606 & 08_241127 Horizontal
: WCDMA Band V Ch4182
: #1 is fundamental signal can be ignored

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	838.01	22.65	RMS	28.57	5.11	0.00	-95.23	84.20	-13.00	35.65	Horizontal



Site : 03CH20-HY
Condition: -13 3m Bilog_55606 & 08_241127 Vertical
: WCDMA Band V Ch4182
: #1 is fundamental signal can be ignored

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	838.01	22.05	RMS	28.57	5.11	0.00	-95.23	83.60	-13.00	35.05	Vertical