



FCC CO-LOCATION RADIO TEST REPORT

FCC ID : WIYS1F4CT001
Equipment : POS Terminal
Brand Name : 
Model Name : S1F4CT
Applicant : CASTLES TECHNOLOGY CO., LTD.
6F, NO. 207-5, SEC. 3, BEIXIN RD., XINDIAN DISTRICT,
NEW TAIPEI CITY 231030, TAIWAN (R.O.C.)
Manufacturer : CASTLES TECHNOLOGY CO., LTD.
6F, NO. 207-5, SEC. 3, BEIXIN RD., XINDIAN DISTRICT,
NEW TAIPEI CITY 231030, TAIWAN (R.O.C.)
Standard : FCC 47 CFR Part 2, 22(H)

The product was received on Jul. 29, 2026 and testing was performed from Aug. 18, 2026 to Aug. 22, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FG660205K	01	Initial issue of report	Sep. 01, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1053 §22.917	Radiated Spurious Emission (Band 26)	Pass	-

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: Dukou Chen

Report Producer: Freda Wu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, NFC and GNSS.	
Antenna Type WLAN: PIFA Antenna Bluetooth: PIFA Antenna	

WWAN Antenna Information				
Antenna	Brand Name	Shenzhen RuiDe	Peak gain (dBi)	LTE Band 26: -0.21
	Model name	SP8566A-MAIN	Type	PIFA

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

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B17, B25, B26, B38, B41, B66
Evaluated and Tested band	B26
Main Antenna	B26

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
Test Site No.	Sporton Site No.
	03CH12-HY
Test Engineer	Gerry Wei, Tim Lee and Wilson Wu
Temperature (°C)	23.5~24.6
Relative Humidity (%)	51.7~58.9

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

FCC Designation No.: TW3786



1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

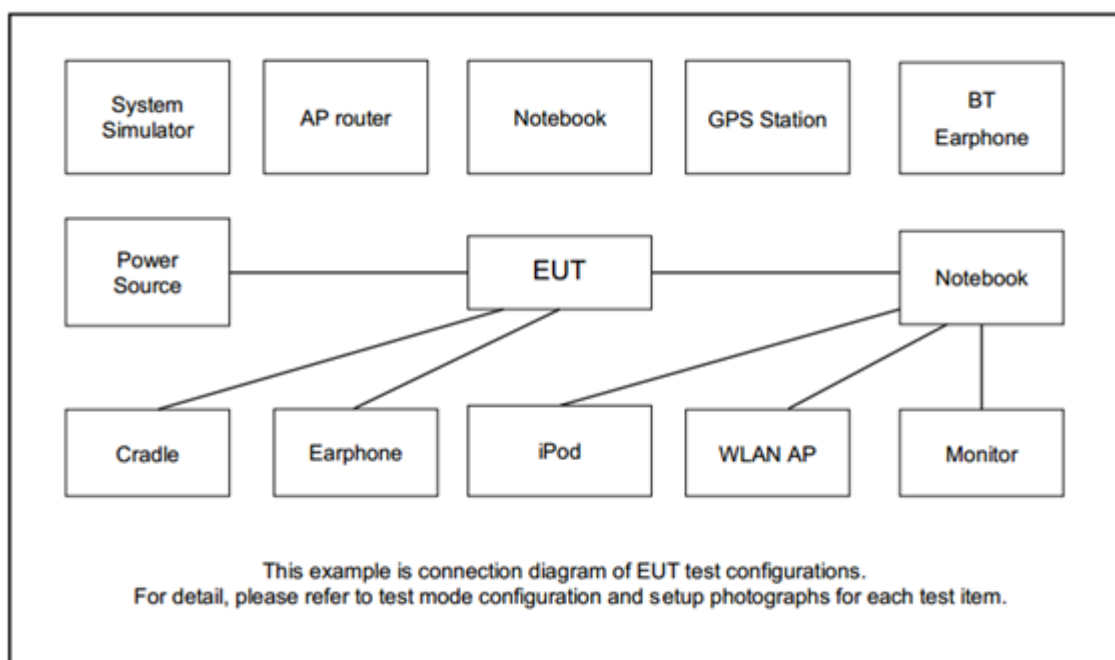
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

Ant	Mode	Band	Test Mode			
			Bandwidth	Modulation	RB Size	Channel
ANT 0	Mode 1	Worse Mode + BT	BW 15M	QPSK	1RB0	L
ANT 0	Mode 2	Worse Mode + WLAN2.4G Worse	BW 15M	QPSK	1RB0	L
ANT 0	Mode 3	Worse Mode + WLAN5G Worse	BW 15M	QPSK	1RB0	L

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	8821C	N/A	N/A	Unshielded, 1.8 m
2.	Earphone	Apple	A1472	N/A	Unshielded, 1.2 m	N/A

2.4 Frequency List of Low/Middle/High Channels

LTE Band 26 Channel and Frequency List (Part22H)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5

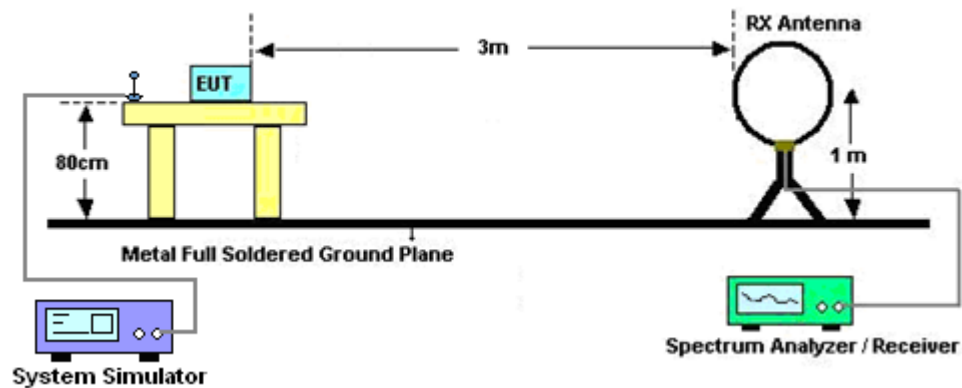
3 Radiated Test Items

3.1 Measuring Instruments

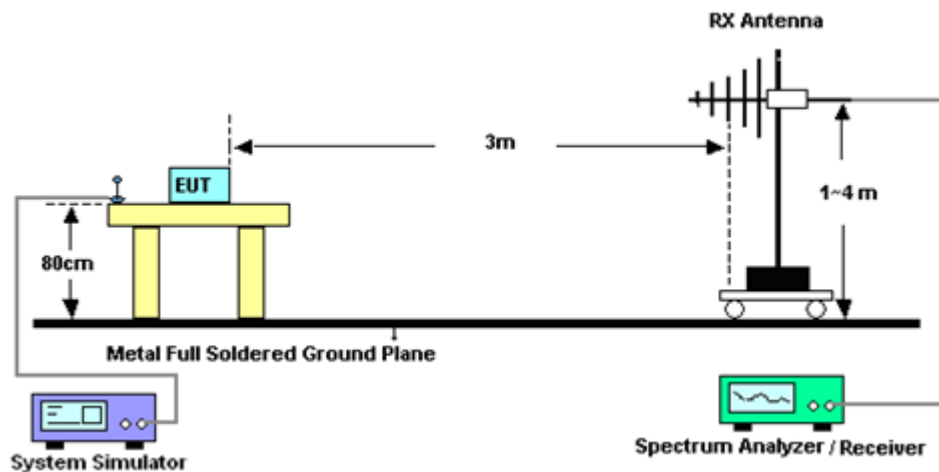
See list of measuring instruments of this test report.

3.1.1 Test Setup

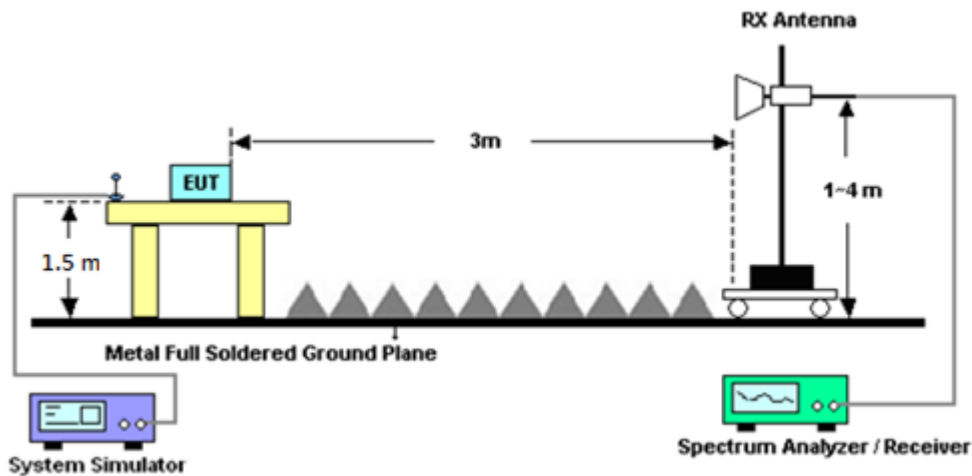
For radiated test below 30MHz



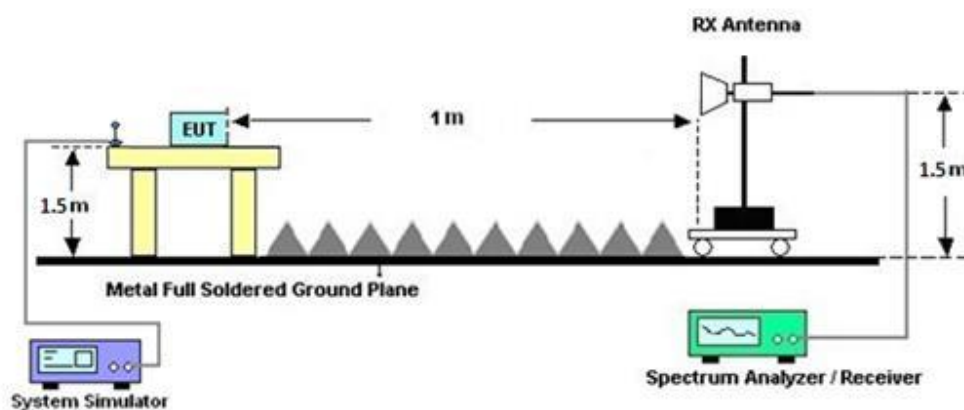
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.1.2 Test Result of Radiated Test

Please refer to Appendix A.

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.



3.2 Radiated Spurious Emission Measurement

3.2.1 Description of Radiated Spurious Emission 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.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was 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 one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the 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.
$$\text{Field Strength Level (dBm)} = \text{Spectrum Reading (dBm)} + \text{Antenna Factor} + \text{Cable Loss} + \text{Read Level} - \text{Preamplifier Factor}.$$
8.
$$\text{ERP (dBm)} = \text{EIRP (dBm)} - 2.15$$
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



4 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. 18, 2026~ Aug. 22, 2026	Mar. 15, 2027	Radiation (03CH12-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Aug. 18, 2026~ Aug. 22, 2026	Dec. 10, 2026	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 26, 2025	Aug. 18, 2026~ Aug. 22, 2026	Nov. 25, 2026	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 18, 2026	Aug. 18, 2026~ Aug. 22, 2026	Mar. 17, 2027	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Apr. 24, 2026	Aug. 18, 2026~ Aug. 22, 2026	Apr. 23, 2027	Radiation (03CH12-HY)
Amplifier	EMCI	EMC051845S E	980729	1-18GHz	Dec. 17, 2025	Aug. 18, 2026~ Aug. 22, 2026	Dec. 16, 2026	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Sep. 09, 2025	Aug. 18, 2026~ Aug. 22, 2026	Sep. 08, 2026	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 08, 2025	Aug. 18, 2026~ Aug. 22, 2026	Sep. 07, 2026	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Aug. 12, 2026	Aug. 18, 2026~ Aug. 22, 2026	Aug. 11, 2027	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2025	Aug. 18, 2026~ Aug. 22, 2026	Dec. 01, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN111	1.53GHz Low Pass Filter	Nov. 04, 2025	Aug. 18, 2026~ Aug. 22, 2026	Nov. 03, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-900- 1000-15000-60 SS	SN11	1GHz High Pass Filter	Mar. 11, 2026	Aug. 18, 2026~ Aug. 22, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN2	3GHz High Pass Filter	Mar. 11, 2026	Aug. 18, 2026~ Aug. 22, 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. 18, 2026~ Aug. 22, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Oct. 31, 2025	Aug. 18, 2026~ Aug. 22, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Oct. 31, 2025	Aug. 18, 2026~ Aug. 22, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM- KM-1000	240905	30MHz~40GHz	Oct. 31, 2025	Aug. 18, 2026~ Aug. 22, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX X 104	EC-A5-300-5 757,805935/4	9kHz~30MHz	Oct. 01, 2025	Aug. 18, 2026~ Aug. 22, 2026	Sep. 30, 2026	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210090	N/A	Aug. 26, 2025	Aug. 18, 2026~ Aug. 22, 2026	Aug. 25, 2026	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 18, 2026~ Aug. 22, 2026	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 18, 2026~ Aug. 22, 2026	N/A	Radiation (03CH12-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6201432816	GSM / GPRS /WCDMA / LTE FDD/TDD with 44) /LTE-3CC DLCA,2CC ULCA	May 13, 2025	Aug. 18, 2026~ Aug. 22, 2026	May 12, 2027	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 18, 2026~ Aug. 22, 2026	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Aug. 18, 2026~ Aug. 22, 2026	N/A	Radiation (03CH12-HY)



5 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. Radiated Spurious Emission Test Data

A1. 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	LTE B26	Part 22H	M	2490	-35.71	RMS	28.1	-27.15	0.08	-95.23	58.49	-13	-22.71	V	0
2	LTE B26	Part 22H	M	2490	-44.78	RMS	28.1	-27.15	0.08	-95.23	49.42	-13	-31.78	H	0
3	LTE B26	Part 22H	M	2490	-48.36	RMS	28.1	-27.15	0.08	-95.23	45.84	-13	-35.36	V	0

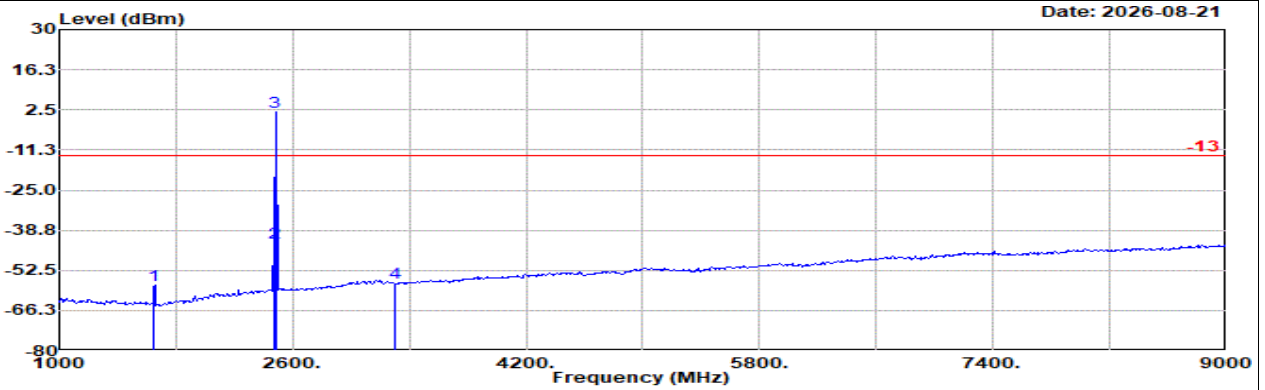


Ant. 0

Part 22H Mode 1

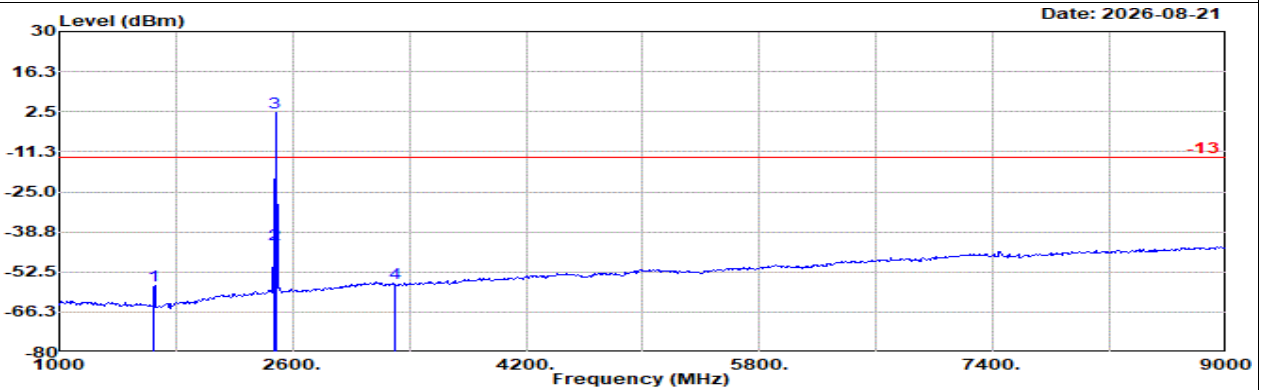
LTE B26 15M Ch26865 1RB0 QPSK

L



Site : 03CH12-HY
Condition: -13 3m 9120D-01212 Horizontal
: LTE Band 26 15M Ch26865 1RB0 QPSK
: BT TX CH78
: #3 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	1650.00	-57.65	RMS	25.20	-29.42	0.36	-95.23	0.00	-13.00	-44.65	Horizontal
2	2475.00	-43.07	RMS	27.90	-27.19	0.08	-95.23	51.37	-13.00	-30.07	Horizontal
3	2480.00	1.90	RMS	28.00	-27.18	0.08	-95.23	96.23	-13.00	14.90	Horizontal
4	3299.00	-56.75	RMS	29.70	-26.05	0.06	-95.23	34.77	-13.00	-43.75	Horizontal



Site : 03CH12-HY
Condition: -13 3m 9120D-01212 Vertical
: LTE Band 26 15M Ch26865 1RB0 QPSK
: BT TX CH78
: #3 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	1650.00	-57.36	RMS	25.20	-29.42	0.36	-95.23	41.73	-13.00	-44.36	Vertical
2	2475.00	-43.09	RMS	27.90	-27.19	0.08	-95.23	51.35	-13.00	-30.09	Vertical
3	2480.00	2.31	RMS	28.00	-27.18	0.08	-95.23	96.64	-13.00	15.31	Vertical
4	3299.00	-56.46	RMS	29.70	-26.05	0.06	-95.23	35.06	-13.00	-43.46	Vertical

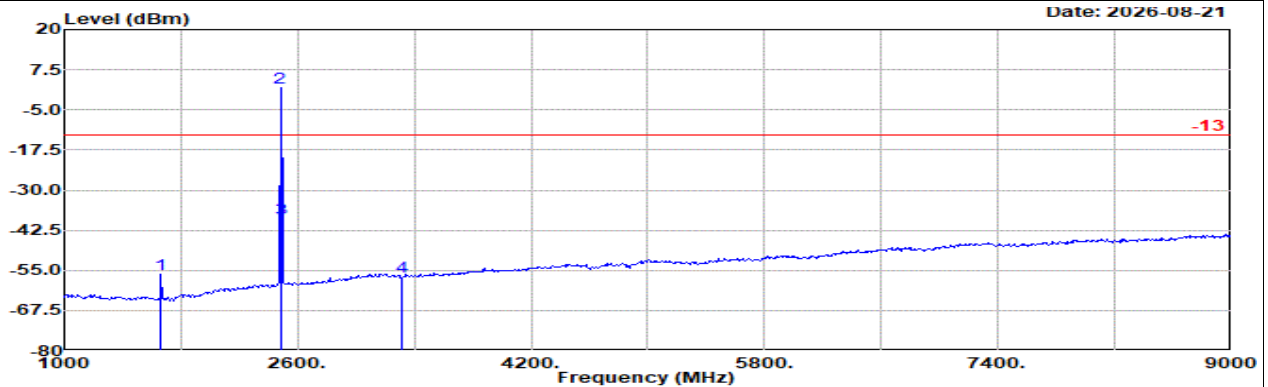


Ant. 0

Part 22H Mode 1

LTE B26 15M Ch26915 1RB0 QPSK

M



Site : 03CH12-HY

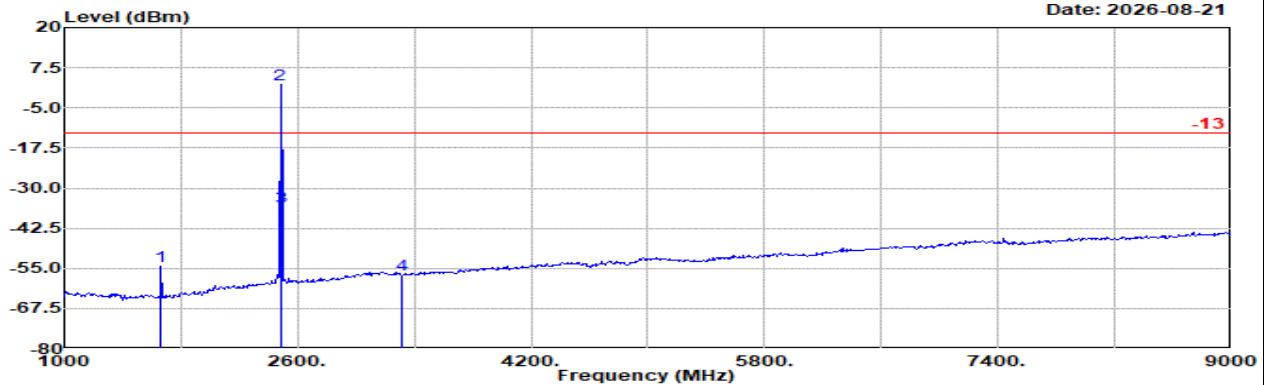
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26915 1RB0 QPSK

: BT TX CH78

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1				dBm	dB		
1	1660.00	-56.15	RMS	25.10	-29.39	0.36	-95.23	43.01	-13.00	-43.15	Horizontal	
2	2480.00	1.75	RMS	28.00	-27.18	0.08	-95.23	96.08	-13.00	14.75	Horizontal	
3	2490.00	-39.00	RMS	28.10	-27.15	0.08	-95.23	55.20	-13.00	-26.00	Horizontal	
4	3319.00	-56.83	RMS	29.74	-26.03	0.06	-95.23	34.63	-13.00	-43.83	Horizontal	



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26915 1RB0 QPSK

: BT TX CH78

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1				dBm	dB		
1	1660.00	-54.16	RMS	25.10	-29.39	0.36	-95.23	45.00	-13.00	-41.16	Vertical	
2	2480.00	2.27	RMS	28.00	-27.18	0.08	-95.23	96.60	-13.00	15.27	Vertical	
3	2490.00	-35.71	RMS	28.10	-27.15	0.08	-95.23	58.49	-13.00	-22.71	Vertical	
4	3319.00	-56.93	RMS	29.74	-26.03	0.06	-95.23	34.53	-13.00	-43.93	Vertical	

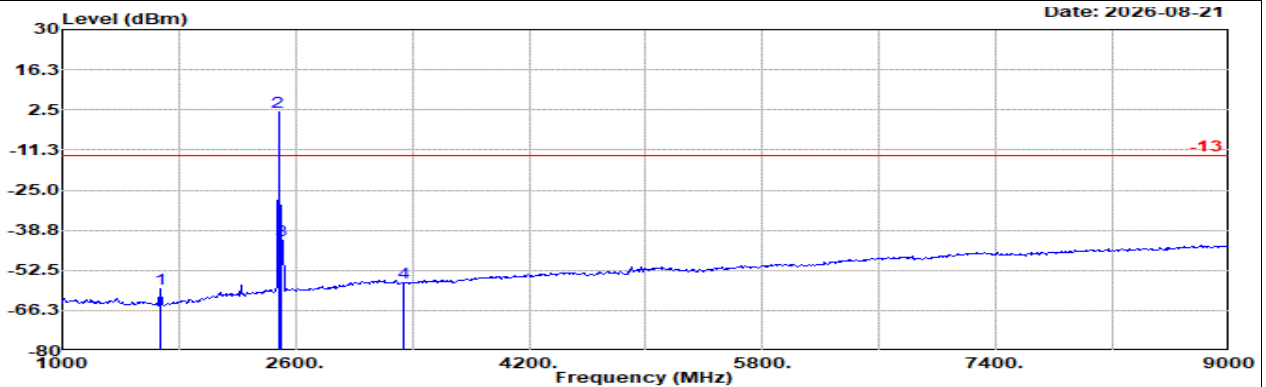


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Part 22H Mode 1

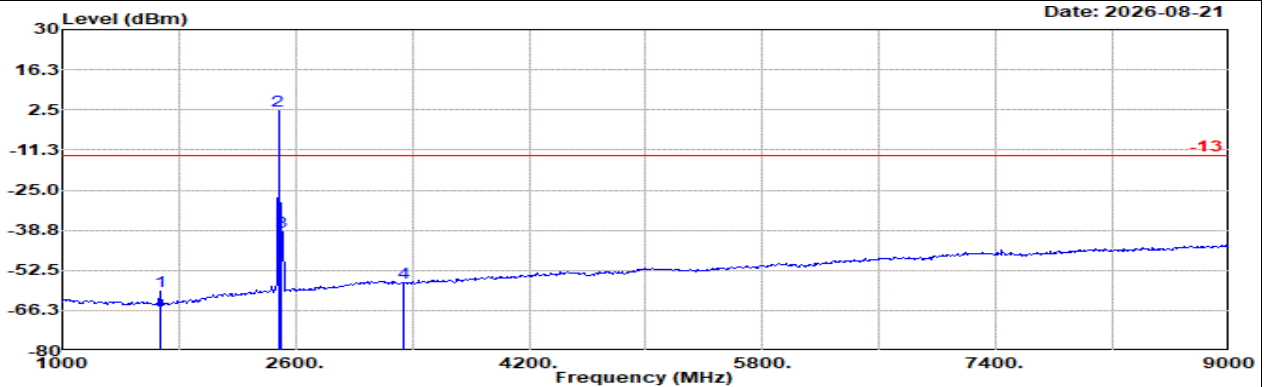
LTE B26 15M Ch26965 1RB0 QPSK

H



Site : 03CH12-HY
Condition: -13 3m 9120D-01212 Horizontal
: LTE Band 26 15M Ch26965 1RB0 QPSK
: BT TX CH78
: #2 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	1670.00	-58.63	RMS	25.10	-29.36	0.36	-95.23	40.50	-13.00	-45.63	Horizontal
2	2480.00	1.71	RMS	28.00	-27.18	0.08	-95.23	96.04	-13.00	14.71	Horizontal
3	2505.00	-42.20	RMS	28.15	-27.12	0.07	-95.23	51.93	-13.00	-29.20	Horizontal
4	3339.00	-56.66	RMS	29.78	-26.00	0.07	-95.23	34.72	-13.00	-43.66	Horizontal



Site : 03CH12-HY
Condition: -13 3m 9120D-01212 Vertical
: LTE Band 26 15M Ch26965 1RB0 QPSK
: BT TX CH78
: #2 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	1670.00	-59.77	RMS	25.10	-29.36	0.36	-95.23	39.36	-13.00	-46.77	Vertical
2	2480.00	2.28	RMS	28.00	-27.18	0.08	-95.23	96.61	-13.00	15.28	Vertical
3	2505.00	-39.43	RMS	28.15	-27.12	0.07	-95.23	54.70	-13.00	-26.43	Vertical
4	3339.00	-56.81	RMS	29.78	-26.00	0.07	-95.23	34.57	-13.00	-43.81	Vertical

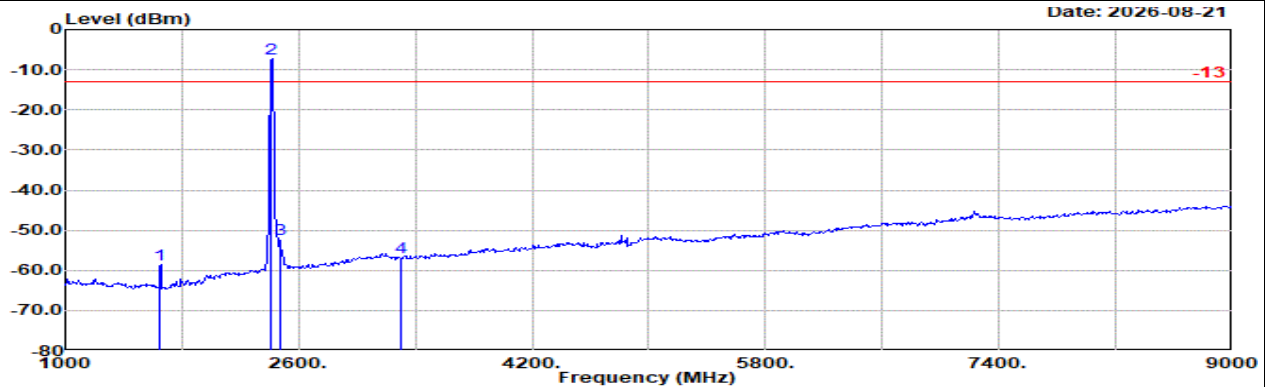


Ant. 0

Part 22H Mode 2

LTE B26 15M Ch26865 1RB0 QPSK

L



Site : 03CH12-HY

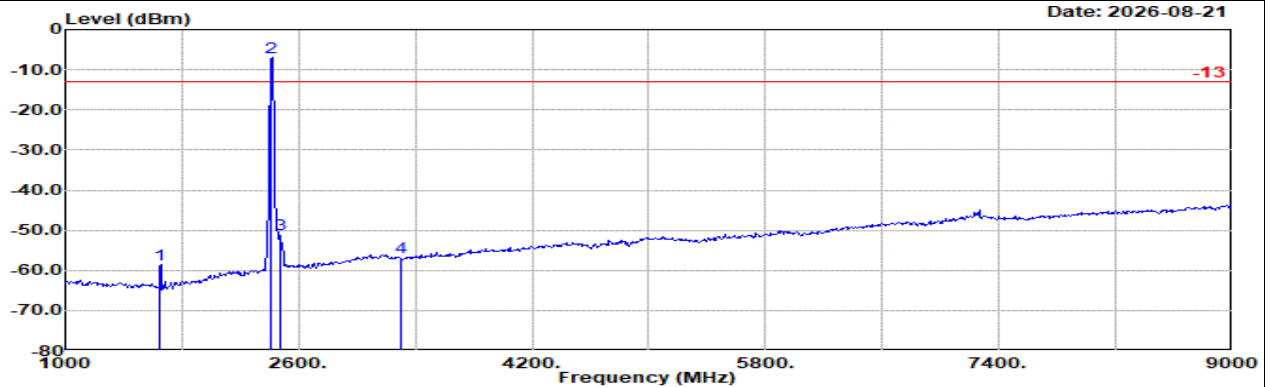
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26865 1RB0 QPSK

: WLAN 11g CH1

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1				dBm	dB		
1	1650.00	-58.42	RMS	25.20	-29.42	0.36	-95.23	40.67	-13.00	-45.42		Horizontal
2	2412.00	-7.30	RMS	27.40	-27.35	0.10	-95.23	87.78	-13.00	5.70		Horizontal
3	2475.00	-52.33	RMS	27.90	-27.19	0.08	-95.23	42.11	-13.00	-39.33		Horizontal
4	3299.00	-56.66	RMS	29.70	-26.05	0.06	-95.23	34.86	-13.00	-43.66		Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26865 1RB0 QPSK

: WLAN 11g CH1

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1				dBm	dB		
1	1650.00	-58.53	RMS	25.20	-29.42	0.36	-95.23	40.56	-13.00	-45.53		Vertical
2	2412.00	-6.87	RMS	27.40	-27.35	0.10	-95.23	88.21	-13.00	6.13		Vertical
3	2475.00	-50.99	RMS	27.90	-27.19	0.08	-95.23	43.45	-13.00	-37.99		Vertical
4	3299.00	-56.72	RMS	29.70	-26.05	0.06	-95.23	34.80	-13.00	-43.72		Vertical

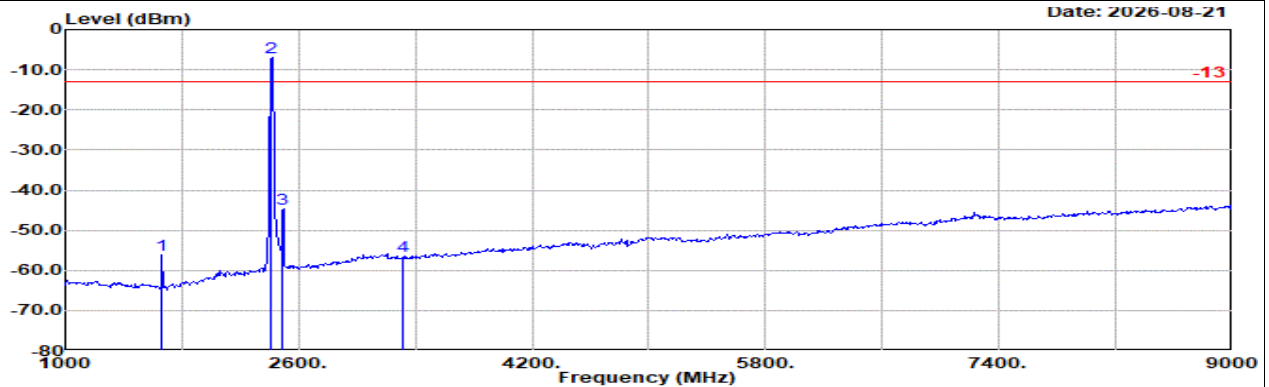


Ant. 0

Part 22H Mode 2

LTE B26 15M Ch26915 1RB0 QPSK

M



Site : 03CH12-HY

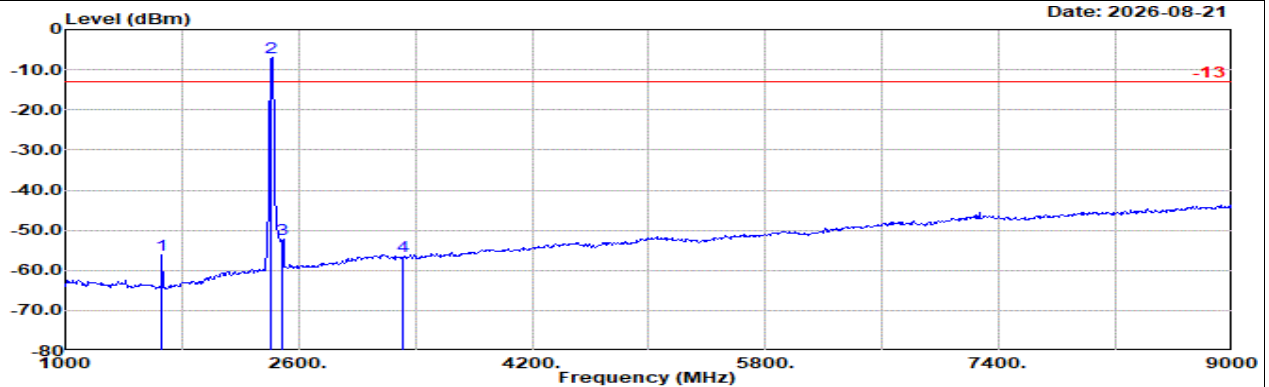
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26915 1RB0 QPSK

: WLAN 11g CH1

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1660.00	-56.08	RMS	25.10	-29.39	0.36	-95.23	43.08	-13.00	-43.08	Horizontal
2	2412.00	-6.96	RMS	27.40	-27.35	0.10	-95.23	88.12	-13.00	6.04	Horizontal
3	2490.00	-44.78	RMS	28.10	-27.15	0.08	-95.23	49.42	-13.00	-31.78	Horizontal
4	3319.00	-56.48	RMS	29.74	-26.03	0.06	-95.23	34.98	-13.00	-43.48	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26915 1RB0 QPSK

: WLAN 11g CH1

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1660.00	-56.29	RMS	25.10	-29.39	0.36	-95.23	42.87	-13.00	-43.29	Vertical
2	2412.00	-6.83	RMS	27.40	-27.35	0.10	-95.23	88.25	-13.00	6.17	Vertical
3	2490.00	-52.15	RMS	28.10	-27.15	0.08	-95.23	42.05	-13.00	-39.15	Vertical
4	3319.00	-56.59	RMS	29.74	-26.03	0.06	-95.23	34.87	-13.00	-43.59	Vertical

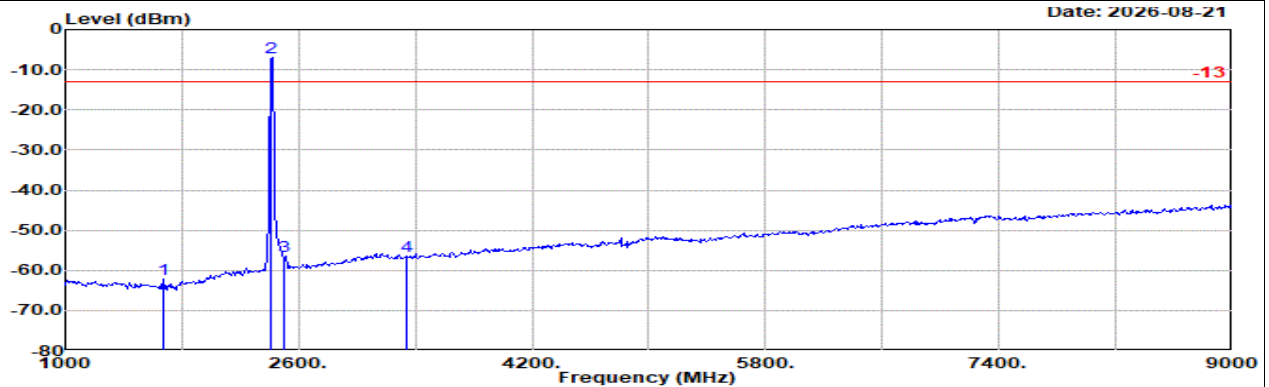


Ant. 0

Part 22H Mode 2

LTE B26 15M Ch26965 1RB0 QPSK

H



Site : 03CH12-HY

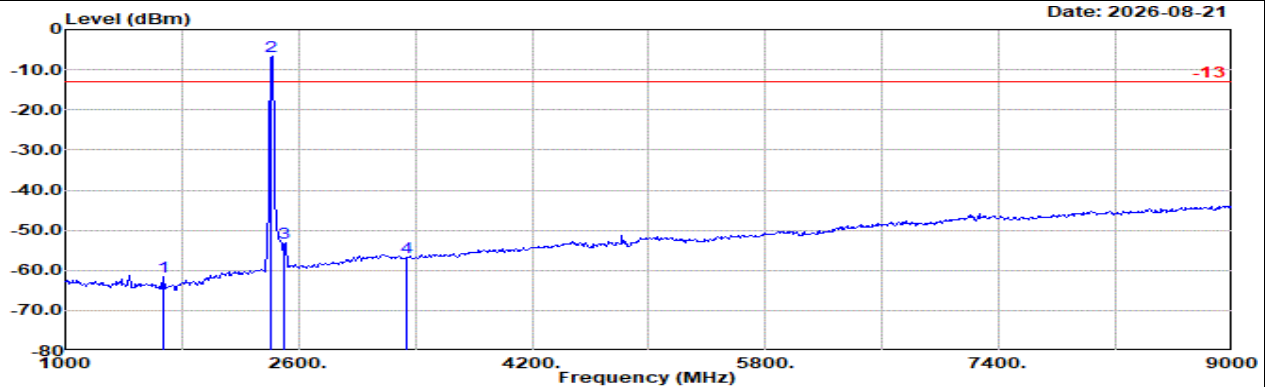
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26965 1RB0 QPSK

: WLAN 11g CH1

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1670.00	-62.11	RMS	25.10	-29.36	0.36	-95.23	37.02	-13.00	-49.11	Horizontal
2	2412.00	-7.05	RMS	27.40	-27.35	0.10	-95.23	88.03	-13.00	5.95	Horizontal
3	2505.00	-56.43	RMS	28.15	-27.12	0.07	-95.23	37.70	-13.00	-43.43	Horizontal
4	3339.00	-56.58	RMS	29.78	-26.00	0.07	-95.23	34.80	-13.00	-43.58	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26965 1RB0 QPSK

: WLAN 11g CH1

: #2 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1670.00	-61.58	RMS	25.10	-29.36	0.36	-95.23	37.55	-13.00	-48.58	Vertical
2	2412.00	-6.75	RMS	27.40	-27.35	0.10	-95.23	88.33	-13.00	6.25	Vertical
3	2505.00	-53.19	RMS	28.15	-27.12	0.07	-95.23	40.94	-13.00	-40.19	Vertical
4	3339.00	-56.67	RMS	29.78	-26.00	0.07	-95.23	34.71	-13.00	-43.67	Vertical

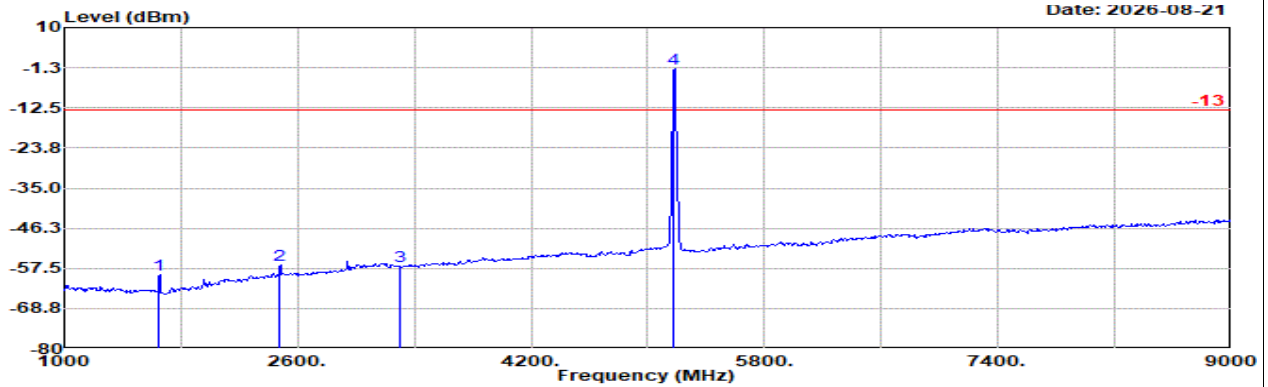


Ant. 0

Part 22H Mode 3

LTE B26 15M Ch26865 1RB0 QPSK

L



Site : 03CH12-HY

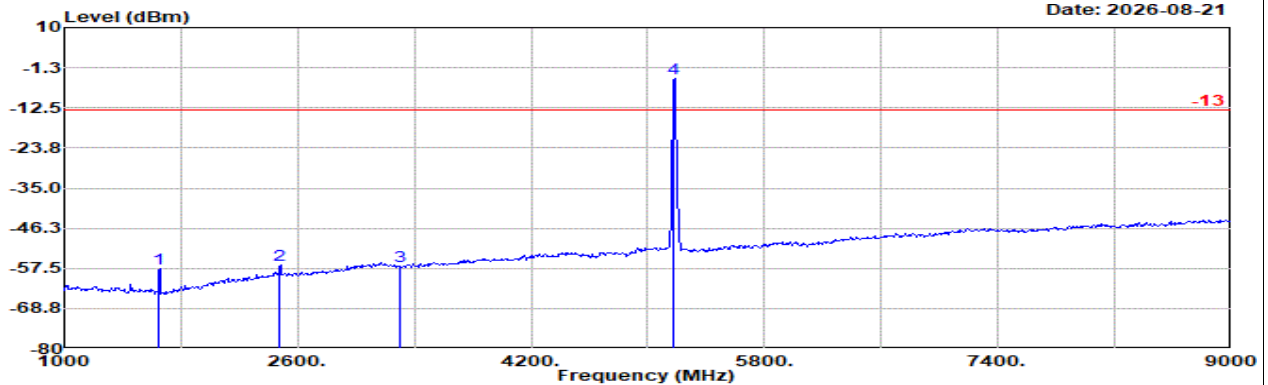
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26865 1RB0 QPSK

: WLAN 11a CH36

: #4 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1650.00	-59.31	RMS	25.20	-29.42	0.36	-95.23	39.78	-13.00	-46.31	Horizontal
2	2475.00	-56.53	RMS	27.90	-27.19	0.08	-95.23	37.91	-13.00	-43.53	Horizontal
3	3299.00	-56.87	RMS	29.70	-26.05	0.06	-95.23	34.65	-13.00	-43.87	Horizontal
4	5180.00	-1.70	RMS	33.20	-23.44	0.01	-95.23	83.75	-13.00	11.30	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26865 1RB0 QPSK

: WLAN 11a CH36

: #4 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1650.00	-57.55	RMS	25.20	-29.42	0.36	-95.23	41.54	-13.00	-44.55	Vertical
2	2475.00	-56.51	RMS	27.90	-27.19	0.08	-95.23	37.93	-13.00	-43.51	Vertical
3	3299.00	-56.78	RMS	29.70	-26.05	0.06	-95.23	34.74	-13.00	-43.78	Vertical
4	5180.00	-4.17	RMS	33.20	-23.44	0.01	-95.23	81.28	-13.00	8.83	Vertical

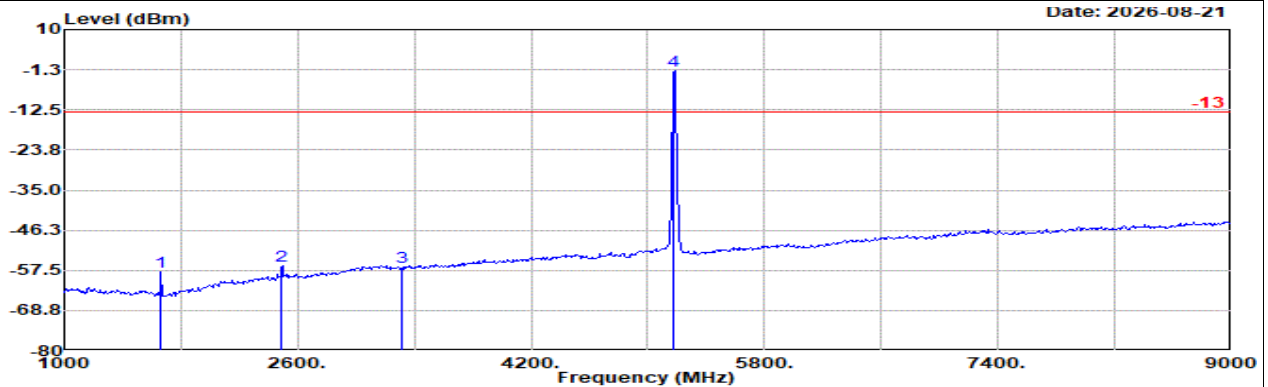


Ant. 0

Part 22H Mode 3

LTE B26 15M Ch26915 1RB0 QPSK

M



Site : 03CH12-HY

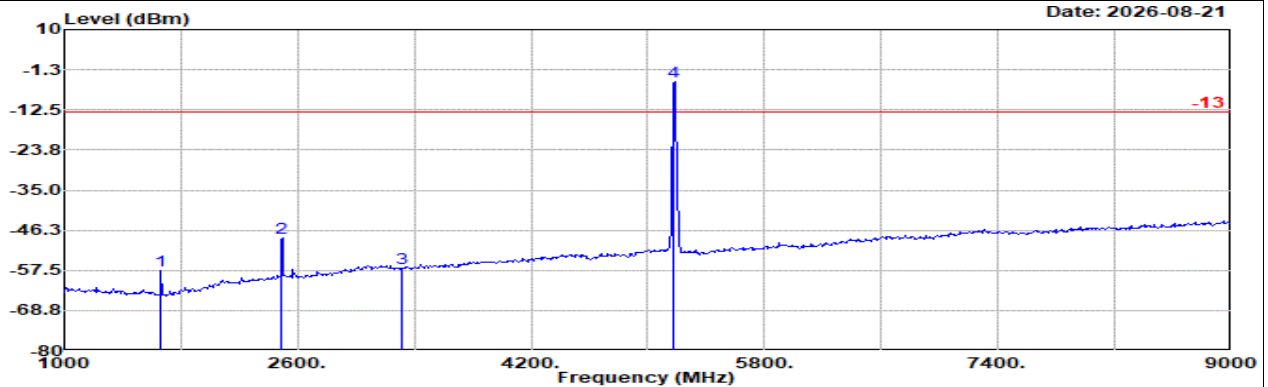
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26915 1RB0 QPSK

: WLAN 11a CH36

: #4 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1660.00	-57.77	RMS	25.10	-29.39	0.36	-95.23	41.39	-13.00	-44.77	Horizontal
2	2490.00	-56.07	RMS	28.10	-27.15	0.08	-95.23	38.13	-13.00	-43.07	Horizontal
3	3319.00	-56.52	RMS	29.74	-26.03	0.06	-95.23	34.94	-13.00	-43.52	Horizontal
4	5180.00	-1.43	RMS	33.20	-23.44	0.01	-95.23	84.02	-13.00	11.57	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26915 1RB0 QPSK

: WLAN 11a CH36

: #4 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1660.00	-57.73	RMS	25.10	-29.39	0.36	-95.23	41.43	-13.00	-44.73	Vertical
2	2490.00	-48.36	RMS	28.10	-27.15	0.08	-95.23	45.84	-13.00	-35.36	Vertical
3	3319.00	-56.80	RMS	29.74	-26.03	0.06	-95.23	34.66	-13.00	-43.80	Vertical
4	5180.00	-4.67	RMS	33.20	-23.44	0.01	-95.23	80.78	-13.00	8.33	Vertical

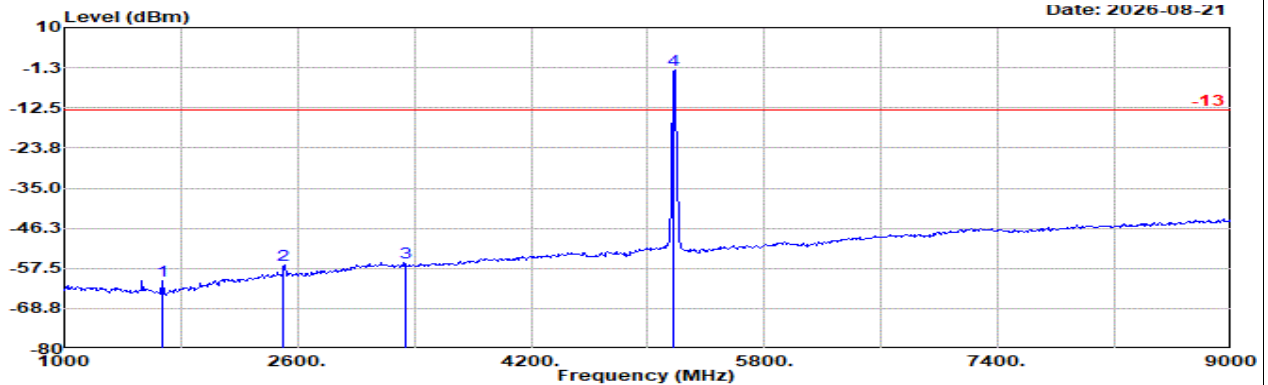


Ant. 0

Part 22H Mode 3

LTE B26 15M Ch26965 1RB0 QPSK

H



Site : 03CH12-HY

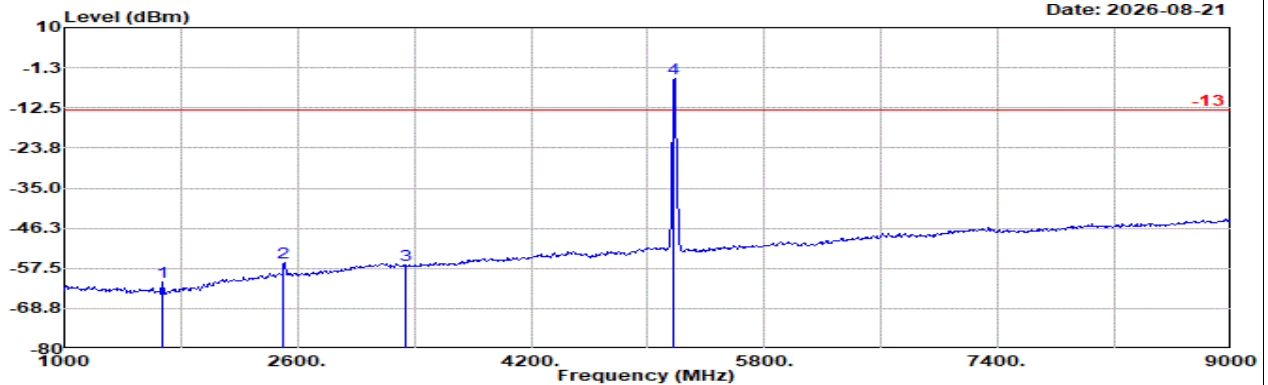
Condition: -13 3m 9120D-01212 Horizontal

: LTE Band 26 15M Ch26965 1RB0 QPSK

: WLAN 11a CH36

: #4 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1670.00	-61.11	RMS	25.10	-29.36	0.36	-95.23	38.02	-13.00	-48.11	Horizontal
2	2505.00	-56.53	RMS	28.15	-27.12	0.07	-95.23	37.60	-13.00	-43.53	Horizontal
3	3339.00	-55.87	RMS	29.78	-26.00	0.07	-95.23	35.51	-13.00	-42.87	Horizontal
4	5180.00	-2.00	RMS	33.20	-23.44	0.01	-95.23	83.45	-13.00	11.00	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-01212 Vertical

: LTE Band 26 15M Ch26965 1RB0 QPSK

: WLAN 11a CH36

: #4 is fundamental signal which can be ignored.

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1670.00	-61.41	RMS	25.10	-29.36	0.36	-95.23	37.72	-13.00	-48.41	Vertical
2	2505.00	-56.03	RMS	28.15	-27.12	0.07	-95.23	38.10	-13.00	-43.03	Vertical
3	3339.00	-56.70	RMS	29.78	-26.00	0.07	-95.23	34.68	-13.00	-43.70	Vertical
4	5180.00	-4.25	RMS	33.20	-23.44	0.01	-95.23	81.20	-13.00	8.75	Vertical

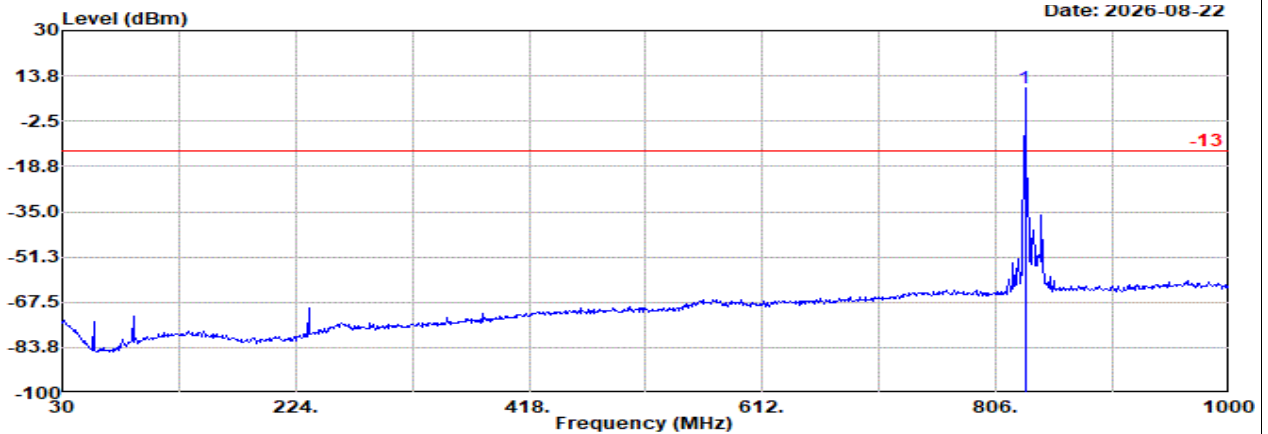


Ant. 0

Part 22H Mode 1

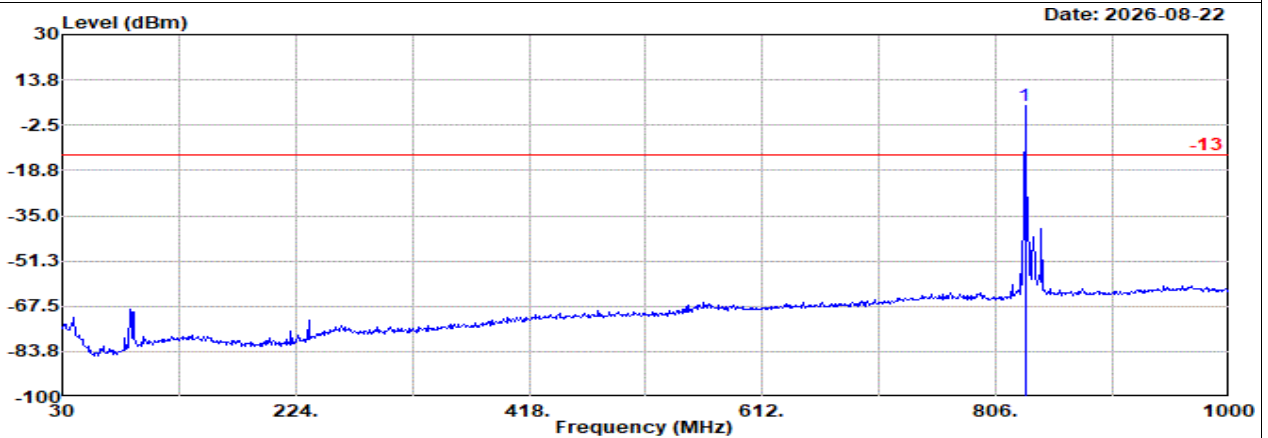
LTE B26 15M Ch26915 1RB0 QPSK

M



Site : 03CH12-HY
Condition: -13 3m Bilog_37059 & 01_251126 Horizontal
: LTE Band 26 15M CH26915 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	830.00	9.51	RMS		28.45	3.84	-9.54	-95.23	81.99	-13.00	22.51 Horizontal



Site : 03CH12-HY
Condition: -13 3m Bilog_37059 & 01_251126 Vertical
: LTE Band 26 15M CH26915 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	830.00	4.67	RMS		28.45	3.84	-9.54	-95.23	77.15	-13.00	17.67 Vertical