



Project No.	:	2502H027
Equipment	:	LTE Module with Wi-Fi & Bluetooth
Brand Name	:	QUECTEL
Test Model	:	SC682A-NA
Series Model	:	N/A
Applicant	:	Quectel Wireless Solutions Co., Ltd.
Address	:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China.
Manufacturer	:	Quectel Wireless Solutions Co., Ltd.
Address	:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China.
Date of Receipt	:	Mar. 03, 2025
Date of Test	:	Mar. 13, 2025 ~ Apr. 09, 2025
Issued Date	:	Apr. 22, 2025
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH20250305145 for radiated, SH20250305145 and SH20250305146 for conducted.
Standard(s)	:	47 CFR FCC Part 22 Subpart H 47 CFR FCC Part 2

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective. Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-7-2502H027	R00	Original Report.	Apr. 22, 2025	Valid

1. APPLICABLE STANDARDS

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

ANSI C63.26-2015

The following reference test guidance is not within the scope of accreditation of A2LA:

FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part 22 Subpart H & Part 2			
Standard(s) Section	Test Item	Judgment	Remark
2.1046	Output Power	PASS	-----
22.913(a)(5)	Effective Radiated Power	PASS	-----
2.1049	Occupied Bandwidth	PASS	-----
2.1051 22.917(a)	Conducted Spurious Emissions	PASS	-----
2.1053 22.917(a)	Radiated Spurious Emissions	PASS	-----
22.917(a)	Band Edge Measurements	PASS	-----
22.913(d)	Peak To Average Ratio	PASS	-----
2.1055 22.355	Frequency Stability	PASS	-----

Note:

(1) "N/A" denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of Room 108-116, 309-310, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong, People's Republic of China.

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)
SSL-CB01	CISPR	9kHz ~ 30MHz	2.74

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
SSL-CB01 (3m)	CISPR	30MHz ~ 200MHz	V	4.70
		30MHz ~ 200MHz	H	3.56
		200MHz ~ 1,000MHz	V	4.92
		200MHz ~ 1,000MHz	H	4.54

Test Site	Method	Measurement Frequency Range	U,(dB)
SSL-CB01 (3m)	CISPR	1GHz ~ 6GHz	4.56
		6GHz ~ 18GHz	5.14

B. Other Measurement:

Parameter	Uncertainty
Spectrum Bandwidth	±1.74 dB
Maximum Output Power	±0.87 dB
Frequency Stability	±53.10Hz
Conducted Spurious Emissions	2.71 dB
Temperature	±0.48 °C
Humidity	±1.37 %

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
Output Power & ERP	23.5°C	43%	DC 3.8V	Gavin Ge	Mar. 13, 2025~ Mar. 27, 2025
Occupied Bandwidth	23.5°C	43%	DC 3.8V	Gavin Ge	Mar. 13, 2025~ Mar. 27, 2025
Conducted Spurious Emissions	23.5°C	43%	DC 3.8V	Gavin Ge	Mar. 13, 2025~ Mar. 27, 2025
Radiated Spurious Emissions (9 kHz to 30 MHz)	23°C	47%	DC 3.8V	Young Zou	Mar. 24, 2025
Radiated Spurious Emissions (30 MHz to 1000 MHz)	22°C	50%	DC 3.8V	Young Zou	Mar. 24, 2025
Radiated Spurious Emissions (Above 1000 MHz)	22°C	50%	DC 3.8V	Young Zou	Mar. 24, 2025
Band Edge	23.5°C	43%	DC 3.8V	Gavin Ge	Mar. 13, 2025~ Mar. 27, 2025
Peak to Average Ratio	23.5°C	43%	DC 3.8V	Gavin Ge	Mar. 13, 2025~ Mar. 27, 2025
Frequency Stability	Normal & Extreme	43%	Normal & Extreme	Gavin Ge	Mar. 13, 2025~ Mar. 27, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	LTE Module with Wi-Fi & Bluetooth			
Brand Name	QUECTEL			
Test Model	SC682A-NA			
Series Model	N/A			
Model Difference(s)	N/A			
Hardware Version	SC682A-NA			
Software Version	SC682ANAPAR01A01			
Power Source	DC Voltage supplied from host system.			
Power Rating	3.55 to 4.4V; Typical: 3.8V			
IMEI No.	Radiated	867665070008943		
	Conducted	867665070008943, 867665070010568		
Modulation Type	UL: QPSK,16QAM DL: QPSK,16QAM,64QAM			
Max. ERP	LTE	Channel Bandwidth (MHz)	QPSK (dBm)	16QAM (dBm)
	Band 5	1.4	21.55	20.59
		3	21.63	20.90
		5	21.46	20.44
		10	21.76	21.18
	Band 26	1.4	21.55	20.67
		3	21.67	20.89
		5	21.34	20.47
		10	21.82	20.75
		15	21.66	21.28

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

LTE Band 5(UL: 824-849MHz,DL: 869-894MHz)					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	1.4	20407	824.7	2407	869.7
	3	20415	825.5	2415	870.5
	5	20425	826.5	2425	871.5
	10	20450	829	2450	874
Mid Range	1.4/3/5/10	20525	836.5	2525	881.5
High Range	1.4	20643	848.3	2643	893.3
	3	20635	847.5	2635	892.5
	5	20625	846.5	2625	891.5
	10	20600	844	2600	889

LTE Band 26(UL: 824-849MHz,DL: 869-894MHz)					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	1.4	26797	824.7	8797	869.7
	3	26805	825.5	8805	870.5
	5	26815	826.5	8815	871.5
	10	26840	829	8840	874
	15	26865	831.5	8865	876.5
Mid Range	1.4/3/5/10/15	26915	836.5	8915	881.5
High Range	1.4	27033	848.3	9033	893.3
	3	27025	847.5	9025	892.5
	5	27015	846.5	9015	891.5
	10	26990	844	8990	889
	15	26965	841.5	8965	886.5

3. Table for Filed Antenna:

Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
QUECTEL	External 5G Antenna	Dipole	SMA Male	0.3	LTE Band 5 & LTE Band 26

Note: The antenna gain is provided by the manufacturer.

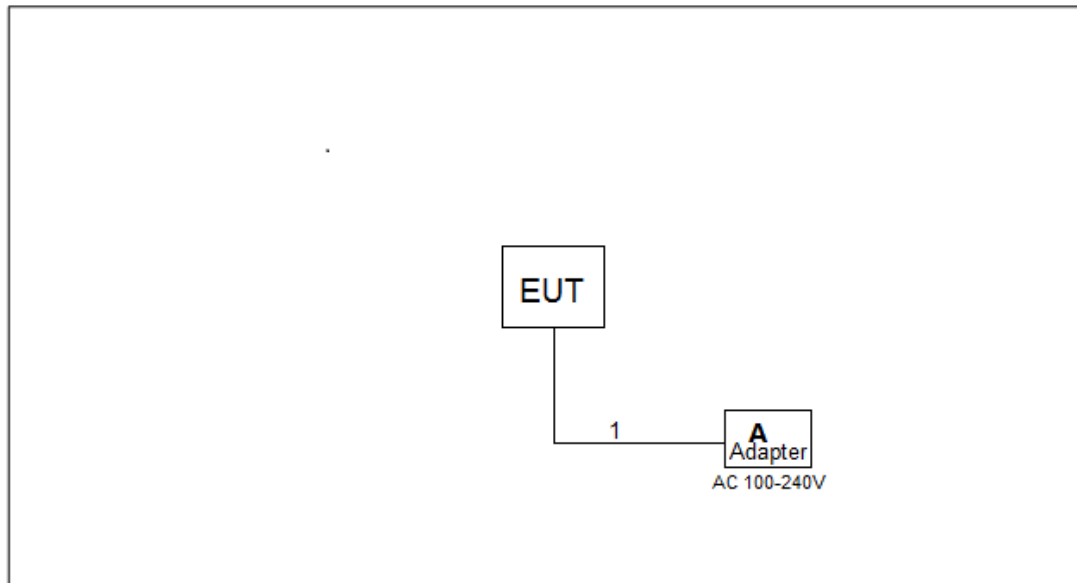
3.2 DESCRIPTION OF TEST MODES

Following mode(s) is (were) found to be the worst case(s) and selected for the final test.

LTE BAND 5 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Output Power & ERP	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK, 16QAM	1RB/3RB/6RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	1RB/8RB/15RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	1RB/12RB/25RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	1RB/25RB/50RB
Occupied Bandwidth	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK, 16QAM	6RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	15RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	25RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	50RB
Conducted Spurious Emissions	20407 to 20643	20525	1.4MHz	QPSK	1RB
	20425 to 20625	20525	5MHz	QPSK	1RB
	20450 to 20600	20525	10MHz	QPSK	1RB
Radiated Spurious Emissions	20407 to 20643	20525	1.4MHz	QPSK	1RB
	20425 to 20625	20525	5MHz	QPSK	1RB
	20450 to 20600	20525	10MHz	QPSK	1RB
Band Edge	20407 to 20643	20407, 20643	1.4MHz	QPSK	1RB/6RB
	20415 to 20635	20415, 20635	3MHz	QPSK	1RB/15RB
	20425 to 20625	20425, 20625	5MHz	QPSK	1RB/25RB
	20450 to 20600	20450, 20600	10MHz	QPSK	1RB/50RB
Peak To Average Ratio	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK, 16QAM	1RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	1RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	1RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	1RB
Frequency Stability	20450 to 20600	20525	10MHz	QPSK	50RB

LTE BAND 26 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Output Power & ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1RB/3RB/6RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	1RB/8RB/15RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	1RB/12RB/25RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	1RB/25RB/50RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	1RB/36RB/75RB
Occupied Bandwidth	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	6RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	15RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	25RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	50RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	75RB
Conducted Spurious Emissions	26815 to 27015	226915	1.4MHz	QPSK	1RB
	26815 to 27015	226915	5MHz	QPSK	1RB
	26865 to 26965	226915	15MHz	QPSK	1RB
Radiated Spurious Emissions	26815 to 27015	226915	1.4MHz	QPSK	1RB
	26815 to 27015	226915	5MHz	QPSK	1RB
	26865 to 26965	226915	15MHz	QPSK	1RB
Band Edge	26797 to 27033	26797, 27033	1.4MHz	QPSK	1RB/6RB
	26805 to 27025	26805, 27025	3MHz	QPSK	1RB/15RB
	26815 to 27015	26815, 27015	5MHz	QPSK	1RB/25RB
	26840 to 26990	26840, 26990	10MHz	QPSK	1RB/50RB
	26865 to 26965	26865, 26965	15MHz	QPSK	1RB/75RB
Peak To Average Ratio	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	1RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	1RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	1RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	1RB
Frequency Stability	26865 to 26965	226915	15MHz	QPSK	75RB

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATIONOFSYSTEMTESTED



2.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
A	Adapter	Keyu Power Supply	KA1801A-0503000DE-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.2m

4. TEST RESULT

4.1 OUTPUT POWER MEASUREMENT

4.1.1 LIMIT

Mobile / Portable station are limited to 7 watts e.r.p.

4.1.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5 or ANSI C63.26-2015 Section 5.2.

EIRP / ERP:

$EIRP = \text{Output Power} + \text{Antenan gain}$

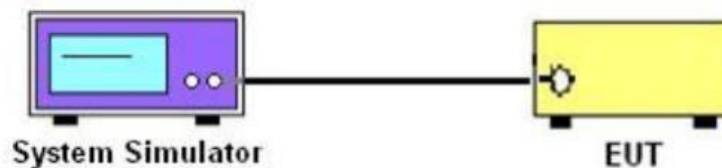
$ERP = EIPR - 2.15\text{dBi}$

Output Power:

The EUT was set up for the maximum power with GSM, GPRS, EDGE, WCDMA and LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

4.1.3 TEST SETUP LAYOUT

Output Power Measurement



4.1.4 TEST DEVIATION

No deviation

4.1.5 TEST RESULTS

Please refer to the APPENDIX A.

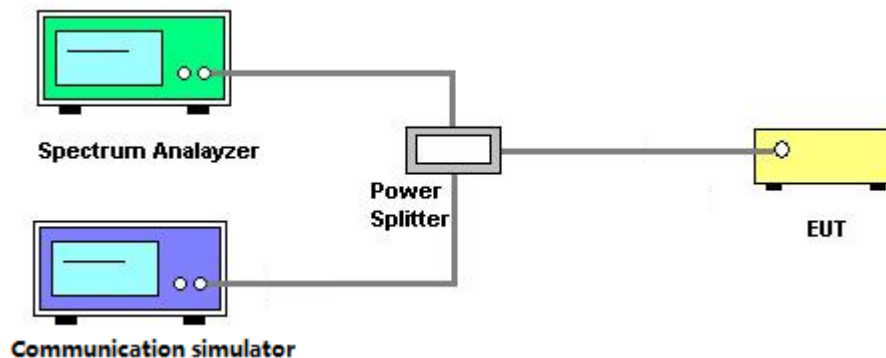
4.2 OCCUPIED BANDWIDTH MEASUREMENT

4.2.1 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 4 or ANSI C63.26-2015 Section 5.4.

1. The EUT makes a call to the communication simulator. All measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth and 26dB bandwidth.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. $RBW = (1\% \sim 5\%) * EBW$
 $VBW \geq 3 * RBW$
4. Set spectrum analyzer with Peak detector.

4.2.2 TEST SETUP LAYOUT



4.2.3 TEST DEVIATION

No deviation

4.2.4 TEST RESULTS

Please refer to the APPENDIX B.

4.3 CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

4.3.1 LIMIT

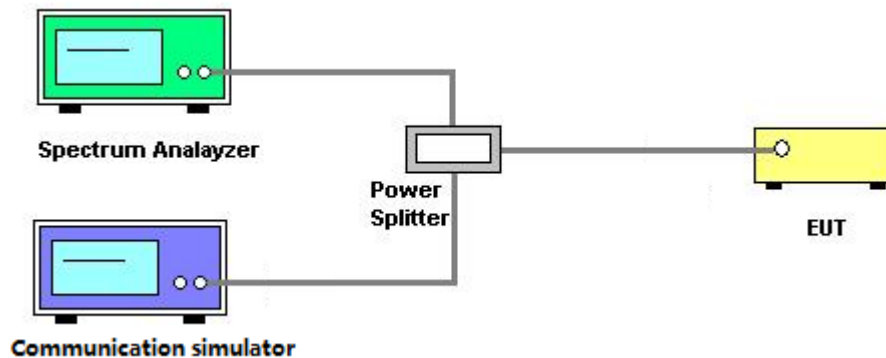
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

4.3.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 6 or ANSI C63.26-2015 Section 5.7.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
3. Set spectrum analyzer with Peak or RMS detector.
4. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

4.3.3 TEST SETUP LAYOUT



4.3.4 TEST DEVIATION

No deviation

4.3.5 TEST RESULTS

Please refer to the APPENDIX C.

4.4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.4.1 LIMIT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

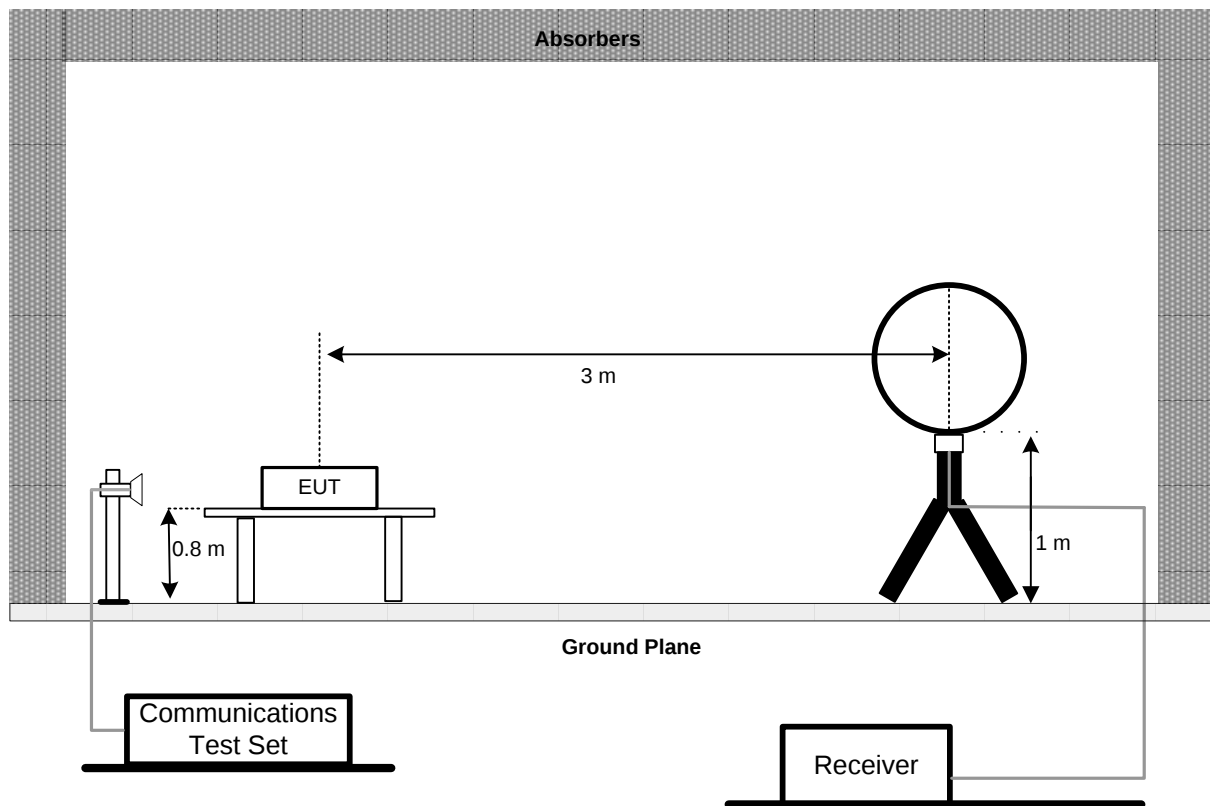
4.4.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 6.2 or ANSI C63.26-2015 Section 5.5.

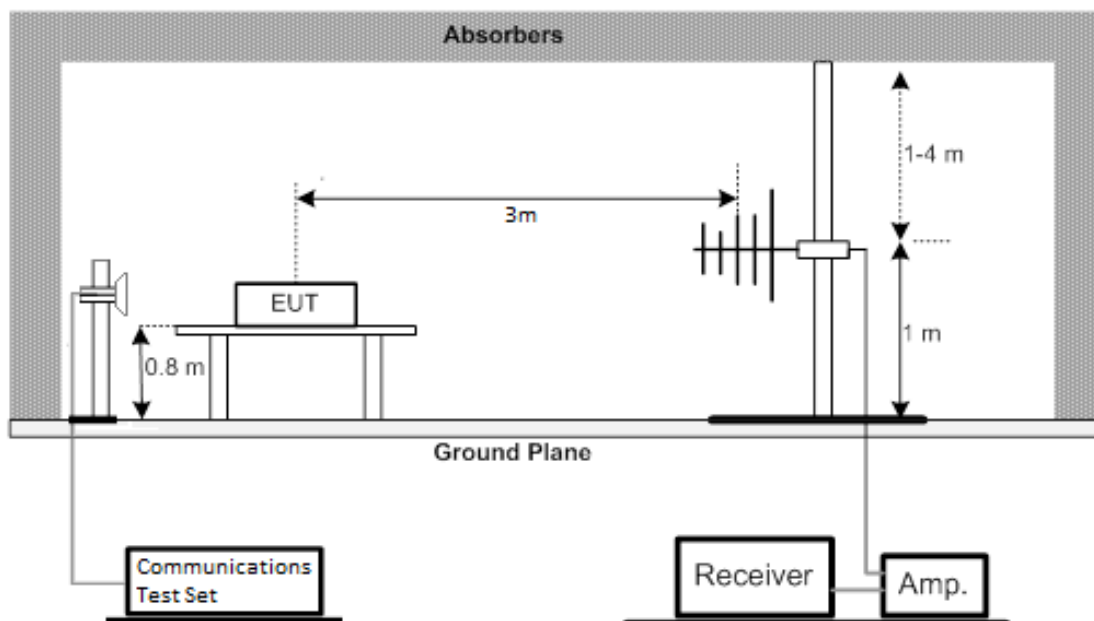
1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
4. Start the test, rotate the table 360° to find the worst Angle, maintain the worst Angle, raise the antenna to 1-4m to find the worst height, maintain the worst height, then rotate the table to determine the final worst Angle, grab the spectrum diagram.
5. EUT shall be placed in accordance with X,Y,Z as required by Figure 5 in ANSI C63.26.
Repeat Step 5 above to find the worst placement. Test all bands according to the worst placement.
6. Then EIRP is then converted to field strength as follows in Equation
7. $E \text{ (dBuV/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$; where D is the measurement distance (in the far field region) in m. The emission limit equal to 82.26dBuV/m.

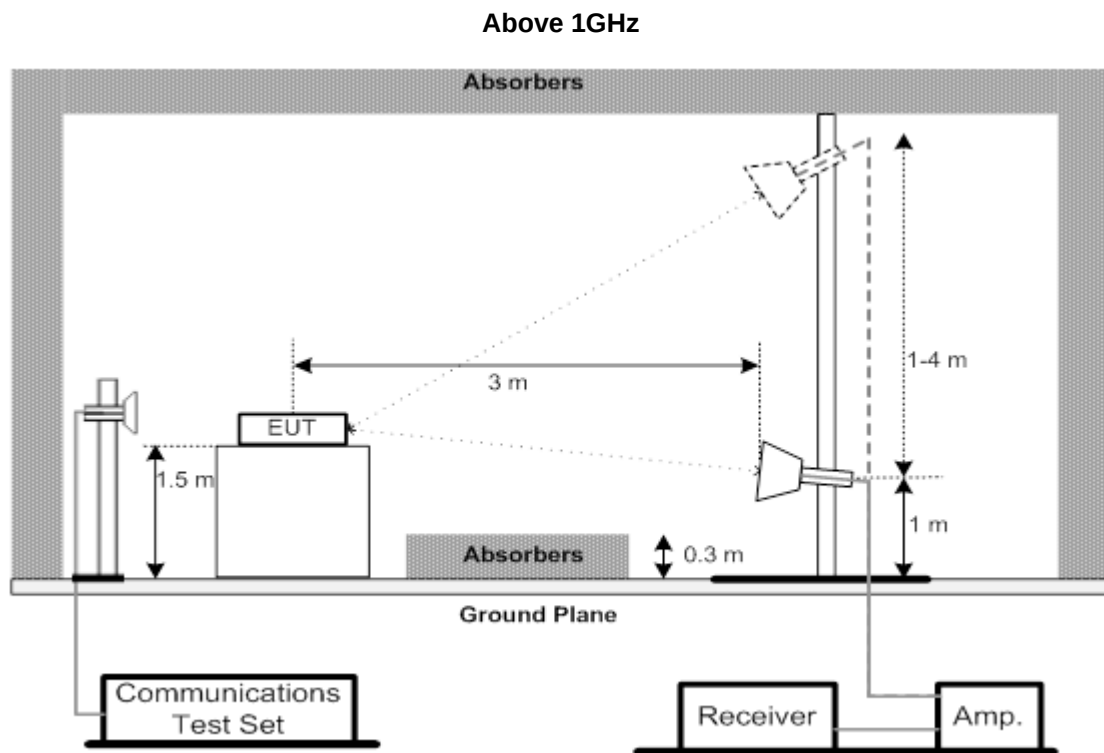
4.4.3 TEST SETUP LAYOUT

Below 30MHz



30MHz to 1000MHz





4.4.4 TEST DEVIATION

No deviation

4.4.5 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the APPENDIX D.

4.4.6 TEST RESULTS (30MHZ TO 1000MHZ)

Please refer to the APPENDIX E.

4.4.7 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the APPENDIX F.

4.5 BAND EDGE MEASUREMENT

4.5.1 LIMIT

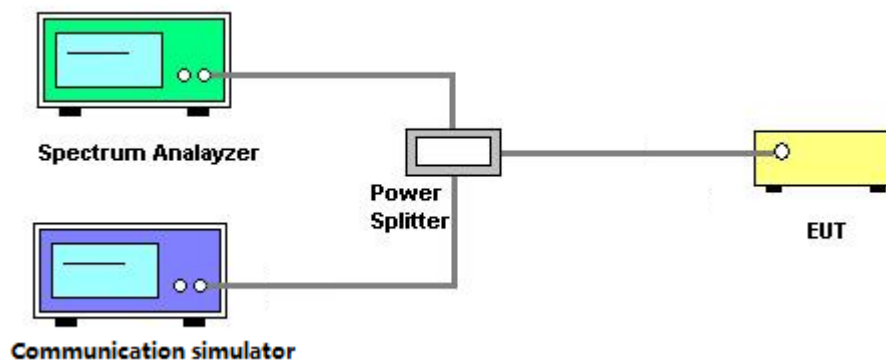
A Power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4.5.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 6 or ANSI C63.26-2015 Section 5.7.

1. All measurements were done at low and high operational frequency range.
2. Record the max trace plot into the test report.

4.5.3 TEST SETUP LAYOUT



4.5.4 TEST DEVIATION

No deviation

4.5.5 TEST RESULTS

Please refer to the APPENDIX G.

4.6 PEAK TO AVERAGE RATIO MEASUREMENT

4.6.1 LIMIT

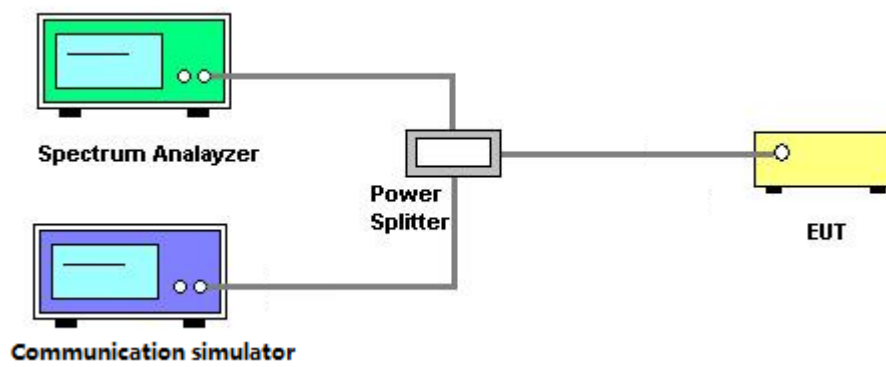
In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

4.6.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 5.7 or ANSI C63.26-2015 Section 5.2.6.

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

4.6.3 TEST SETUP LAYOUT



4.6.4 TEST DEVIATION

No deviation

4.6.5 TEST RESULTS

Please refer to the APPENDIX H.

4.7 FREQUENCY STABILITY MEASUREMENT

4.7.1 LIMIT

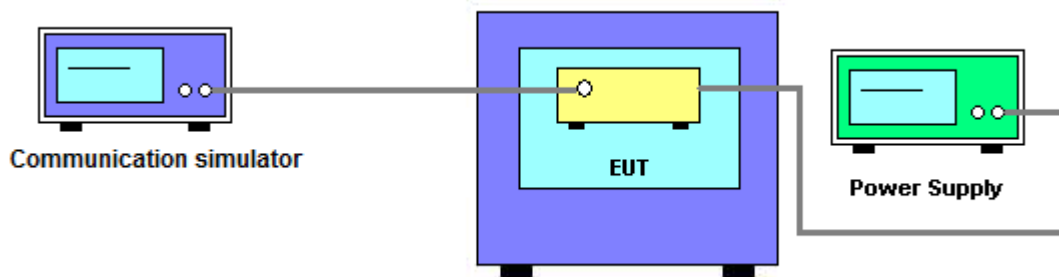
± 1.5 ppm is for base and fixed station. ± 2.5 ppm is for mobile station.

4.7.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 9 or ANSI C63.26-2015 Section 5.6.

1. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
2. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
3. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.
4. The frequency error was recorded frequency error from the communication simulator.

4.7.3 TEST SETUP LAYOUT



4.7.4 TEST DEVIATION

No deviation

4.7.5 TEST RESULTS

Please refer to the APPENDIX I.

4. LIST OF MEASUREMENT EQUIPMENTS

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	00025	Mar. 01, 2026
2	MXE EMI Receiver	Keysight	N9038A	MY59050118	Jun. 28, 2025
3	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-3000	N/A	Jun. 06, 2025
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-7000	N/A	Jun. 06, 2025
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
7	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 06, 2025

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	01269	May 18, 2025
2	Attenuator	EMCI	EMCI-N-6-06	AN-N0697	May 18, 2025
3	MXE EMI Receiver	Keysight	N9038A	MY59050118	Jun. 28, 2025
4	Preamplifier	EMC INSTRUMENT	EMC001330	980825	Jan. 10, 2026
5	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-2500	N/A	Jun. 06, 2025
6	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-7000	N/A	Jun. 06, 2025
7	Cable	EMC INSTRUMENT	EMCCFD400-NM-NM-3000	N/A	Jun. 06, 2025
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
9	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
10	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 06, 2025

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY59050118	Jun. 28, 2025
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980739	Jan. 11, 2026
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Dec. 09, 2025
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Dec. 09, 2025
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 000	N/A	Dec. 09, 2025
7	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 17, 2025
8	Band Reject Filter	COM-MW	ZHPF6-M1000-150 00-533	7213127	Jun. 28, 2025
9	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
10	Band Reject Filter	COM-MW	ZHPF6-C3000-180 00-174	7213126	Jun. 28, 2025
11	Preamplifier	EMC INSTRUMENT	EMC184045SE	980793	Jan. 10, 2026
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01046	Jul. 22, 2025
13	Cable	RegalWay	RWLP50-3.6A-2.92 M2.92M-6M	20241119-001	Nov. 26, 2025
14	Cable	RegalWay	RWLP50-3.6A-2.92 M2.92M-0.8M	20241119-001	Nov. 26, 2025
15	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 06, 2025

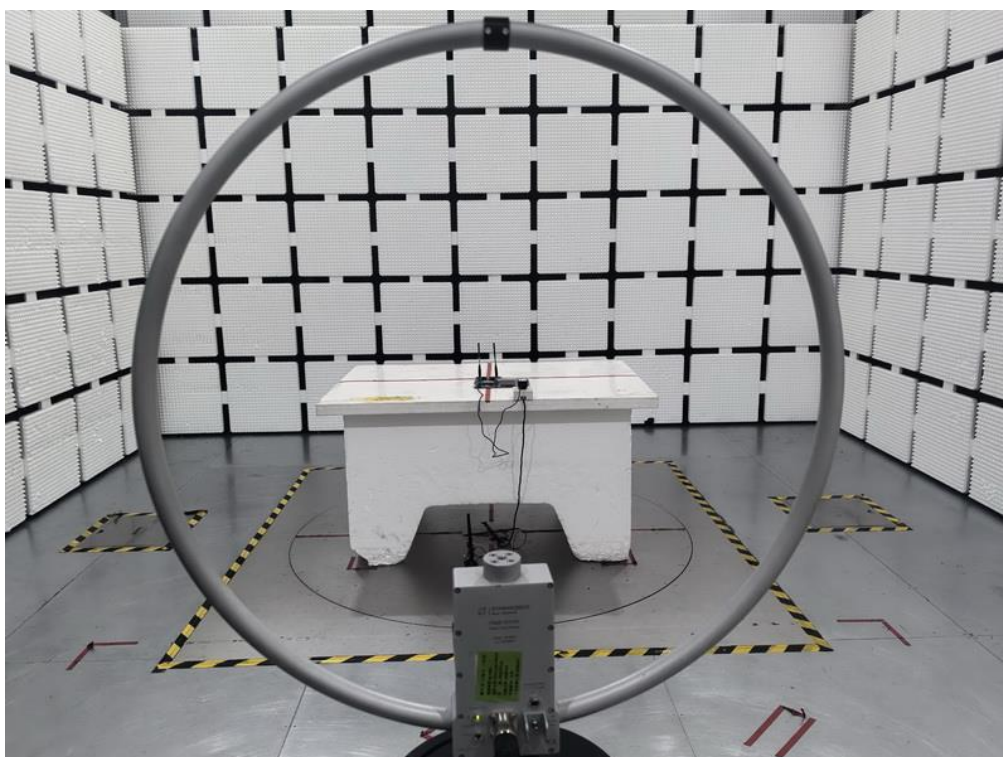
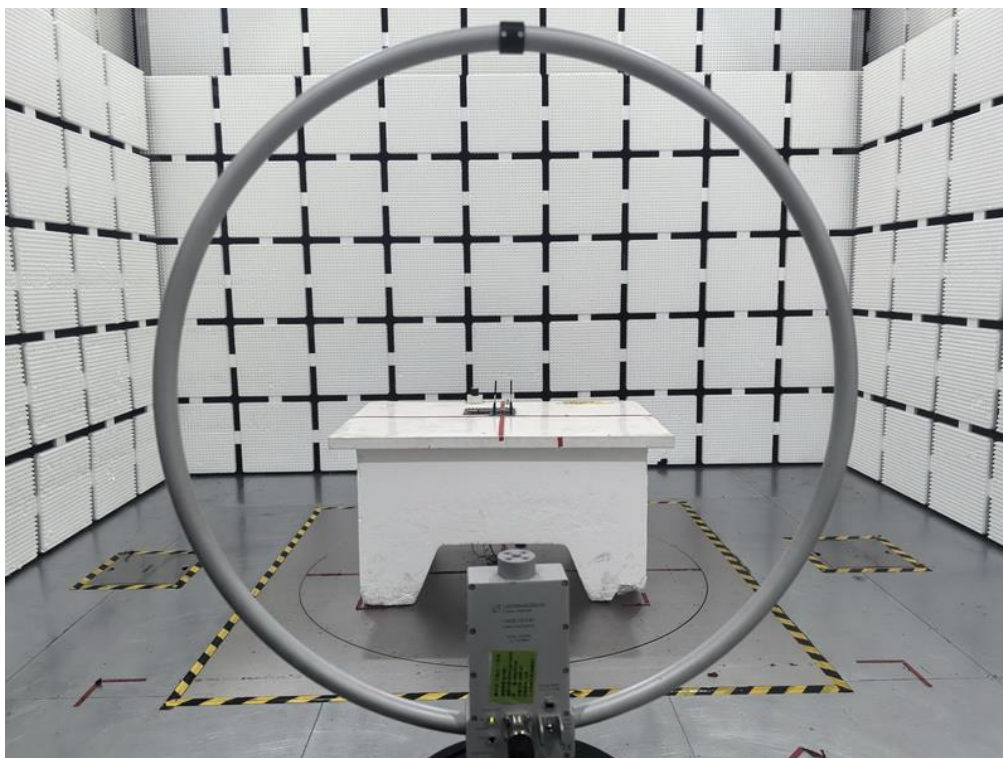
Conducted Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Wideband Radio Communication Tester	R&S	CWM 500	165848	Jan. 10, 2026
2	MXA Signal Analyzer	KEYSIGHT	N9020A	MY52091060	Jan. 11, 2026
3	Temperature Chamber	ESPEC	SU-242	93018777	Jun. 28, 2025
4	DC power supply	UNI-T	UDP6721	AWP7224050018	Jan. 10, 2026

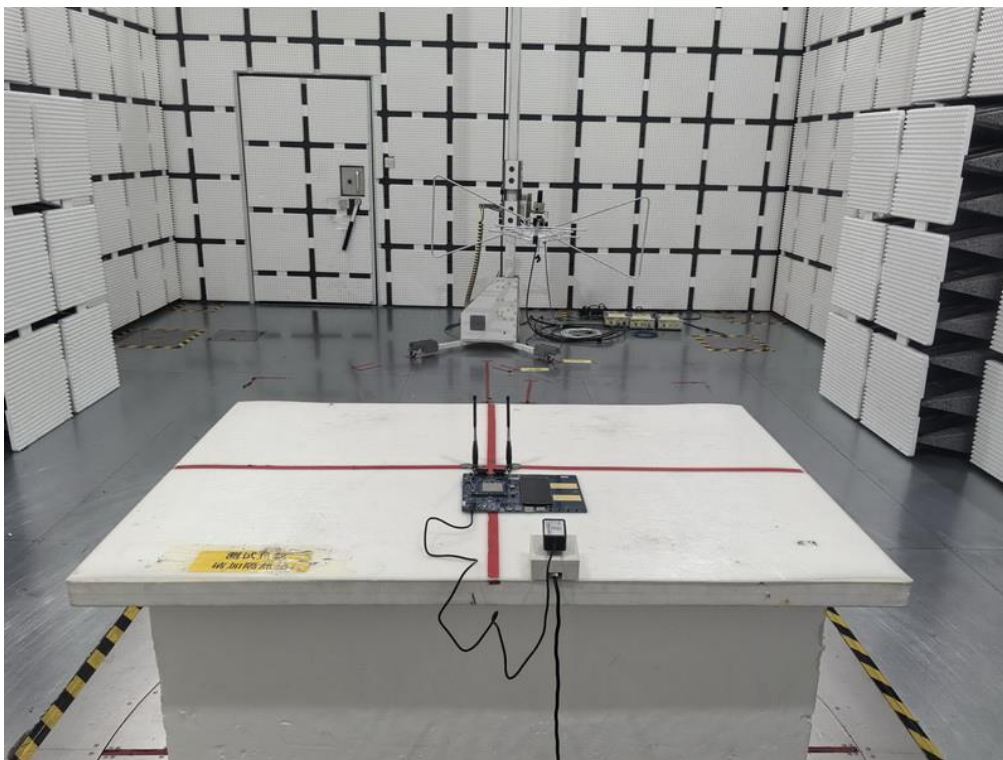
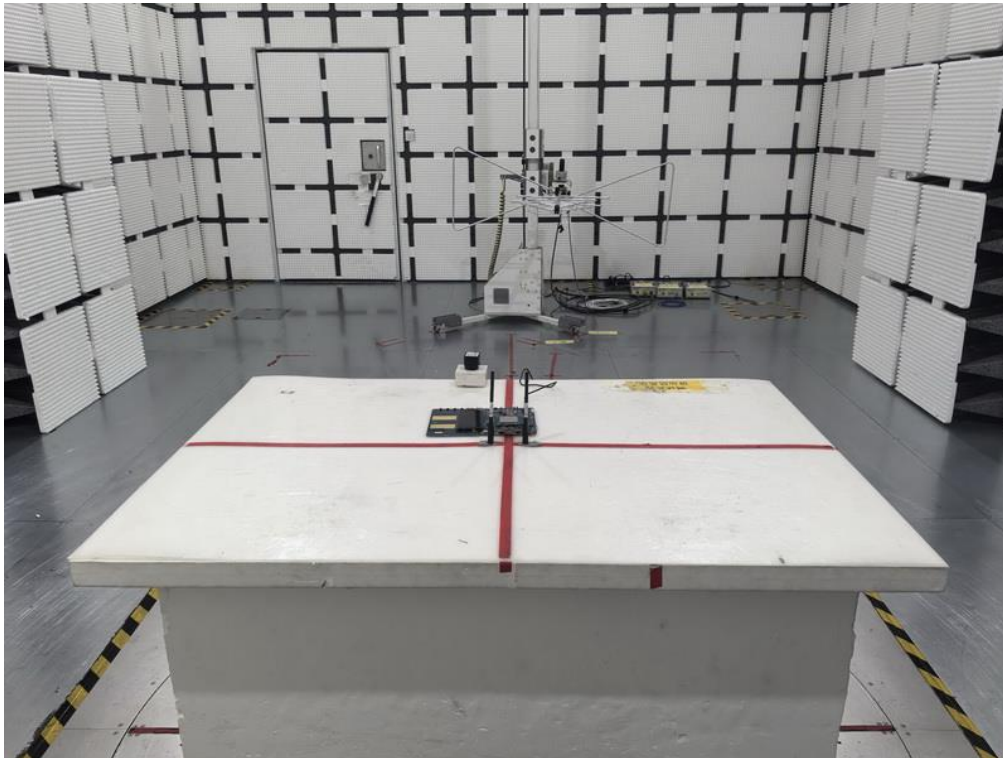
Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

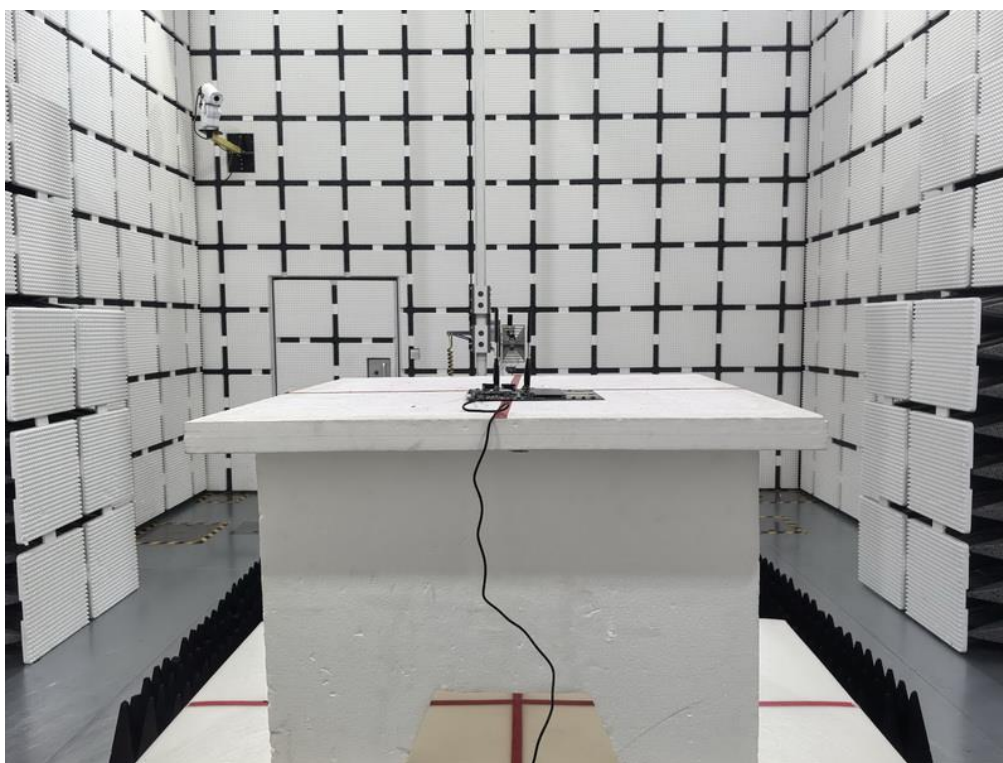
5. EUT TEST PHOTO

Radiated Emissions Test Photos

9 kHz to 30 MHz



Radiated Emissions Test Photos**30 MHz to 1 GHz**

Radiated Emissions Test Photos**Above 1 GHz**

APPENDIX A - OUTPUT POWER

LTE Band 5

Bandwidth	Modulation	RB size	RB offset	CH20407	CH20525	CH20643	ERP		
				824.7MHz	836.5MHz	848.3MHz			
1.4MHz	QPSK	1	0	23.19	23.05	23.05	21.34	21.20	21.20
		1	2	23.27	23.15	23.35	21.42	21.30	21.50
		1	5	23.21	23.11	23.00	21.36	21.26	21.15
		3	0	23.11	23.16	23.24	21.26	21.31	21.39
		3	1	23.35	23.19	23.40	21.50	21.34	21.55
		3	2	23.32	23.31	23.22	21.47	21.46	21.37
		6	0	22.24	22.10	22.18	20.39	20.25	20.33
	16QAM	1	0	22.19	22.10	21.95	20.34	20.25	20.10
		1	2	22.33	22.20	21.96	20.48	20.35	20.11
		1	5	22.31	22.26	21.87	20.46	20.41	20.02
		3	0	22.44	22.01	21.91	20.59	20.16	20.06
		3	1	22.43	22.03	21.95	20.58	20.18	20.10
		3	2	22.36	22.04	21.95	20.51	20.19	20.10
		6	0	21.19	21.11	20.89	19.34	19.26	19.04

Bandwidth	Modulation	RB size	RB offset	CH20415	CH20525	CH20635	ERP		
				825.5MHz	836.5MHz	847.5MHz			
3MHz	QPSK	1	0	23.01	23.02	23.31	21.16	21.17	21.46
		1	7	23.48	23.16	23.46	21.63	21.31	21.61
		1	14	23.37	23.12	23.16	21.52	21.27	21.31
		8	0	22.29	22.24	22.35	20.44	20.39	20.50
		8	4	22.27	22.15	22.36	20.42	20.30	20.51
		8	7	22.32	22.21	22.23	20.47	20.36	20.38
		15	0	22.32	22.17	22.35	20.47	20.32	20.50
	16QAM	1	0	22.21	22.20	22.41	20.36	20.35	20.56
		1	7	22.65	22.38	22.75	20.80	20.53	20.90
		1	14	22.26	22.26	22.29	20.41	20.41	20.44
		8	0	21.27	21.22	21.38	19.42	19.37	19.53
		8	4	21.28	21.27	21.22	19.43	19.42	19.37
		8	7	21.31	21.17	21.18	19.46	19.32	19.33
		15	0	21.19	21.18	21.21	19.34	19.33	19.36

Bandwidth	Modulation	RB size	RB offset	CH20425	CH20525	CH20625	ERP		
				826.5MHz	836.5MHz	846.5MHz			
5MHz	QPSK	1	0	23.11	22.75	23.03	21.26	20.90	21.18
		1	13	23.31	22.77	23.20	21.46	20.92	21.35
		1	24	23.12	22.71	22.94	21.27	20.86	21.09
		12	0	22.17	22.16	22.29	20.32	20.31	20.44
		12	6	22.20	22.23	22.31	20.35	20.38	20.46
		12	11	22.23	22.17	22.29	20.38	20.32	20.44
		25	0	22.23	22.17	22.27	20.38	20.32	20.42
	16QAM	1	0	21.66	22.25	21.80	19.81	20.40	19.95
		1	13	21.85	22.22	22.29	20.00	20.37	20.44
		1	24	21.35	21.50	21.66	19.50	19.65	19.81
		12	0	21.04	20.91	21.26	19.19	19.06	19.41
		12	6	21.25	21.17	21.28	19.40	19.32	19.43
		12	11	21.20	21.10	21.28	19.35	19.25	19.43
		25	0	21.30	21.31	21.05	19.45	19.46	19.20

Bandwidth	Modulation	RB size	RB offset	CH20450	CH20525	CH20600	ERP		
				829MHz	836.5MHz	844MHz			
10MHz	QPSK	1	0	23.29	23.04	23.19	21.44	21.19	21.34
		1	25	23.61	23.30	23.40	21.76	21.45	21.55
		1	49	23.22	23.18	23.26	21.37	21.33	21.41
		25	0	22.28	22.19	22.25	20.43	20.34	20.40
		25	13	22.26	22.21	22.34	20.41	20.36	20.49
		25	25	22.28	22.18	22.35	20.43	20.33	20.50
		50	0	22.24	22.23	22.25	20.39	20.38	20.40
	16QAM	1	0	22.51	22.23	22.30	20.66	20.38	20.45
		1	25	23.03	22.34	22.39	21.18	20.49	20.54
		1	49	22.24	21.61	21.79	20.39	19.76	19.94
		25	0	21.37	21.15	21.31	19.52	19.30	19.46
		25	13	21.36	21.33	21.47	19.51	19.48	19.62
		25	25	21.30	21.18	21.45	19.45	19.33	19.60
		50	0	21.22	21.10	21.17	19.37	19.25	19.32

LTE Band 26

Bandwidth	Modulation	RB size	RB offset	CH26797	CH26915	CH27033	ERP		
				824.7MHz	836.5MHz	848.3MHz			
1.4MHz	QPSK	1	0	22.90	23.09	23.29	21.05	21.24	21.44
		1	2	23.24	23.04	23.21	21.39	21.19	21.36
		1	5	23.20	22.92	23.22	21.35	21.07	21.37
		3	0	23.26	23.19	23.22	21.41	21.34	21.37
		3	1	23.34	23.32	23.40	21.49	21.47	21.55
		3	2	23.25	23.25	23.25	21.40	21.40	21.40
		6	0	22.35	22.34	22.22	20.50	20.49	20.37
	16QAM	1	0	22.39	22.28	22.16	20.54	20.43	20.31
		1	2	22.52	22.31	22.27	20.67	20.46	20.42
		1	5	22.39	22.32	22.30	20.54	20.47	20.45
		3	0	22.09	22.46	22.09	20.24	20.61	20.24
		3	1	22.07	22.41	22.06	20.22	20.56	20.21
		3	2	22.08	22.38	22.10	20.23	20.53	20.25
		6	0	21.34	21.20	21.15	19.49	19.35	19.30

Bandwidth	Modulation	RB size	RB offset	CH26805	CH26915	CH27025	ERP		
				825.5MHz	836.5MHz	847.5MHz			
3MHz	QPSK	1	0	22.94	23.13	23.07	21.09	21.28	21.22
		1	7	23.22	23.50	23.52	21.37	21.65	21.67
		1	14	22.89	23.30	23.46	21.04	21.45	21.61
		8	0	22.33	22.30	22.27	20.48	20.45	20.42
		8	4	22.42	22.19	22.21	20.57	20.34	20.36
		8	7	22.36	22.24	22.25	20.51	20.39	20.40
		15	0	22.35	22.29	22.28	20.50	20.44	20.43
	16QAM	1	0	22.23	22.07	22.21	20.38	20.22	20.36
		1	7	22.36	22.74	22.64	20.51	20.89	20.79
		1	14	22.22	22.32	22.26	20.37	20.47	20.41
		8	0	21.29	21.41	21.63	19.44	19.56	19.78
		8	4	21.38	21.37	21.43	19.53	19.52	19.58
		8	7	21.40	21.33	21.31	19.55	19.48	19.46
		15	0	21.33	21.31	21.19	19.48	19.46	19.34

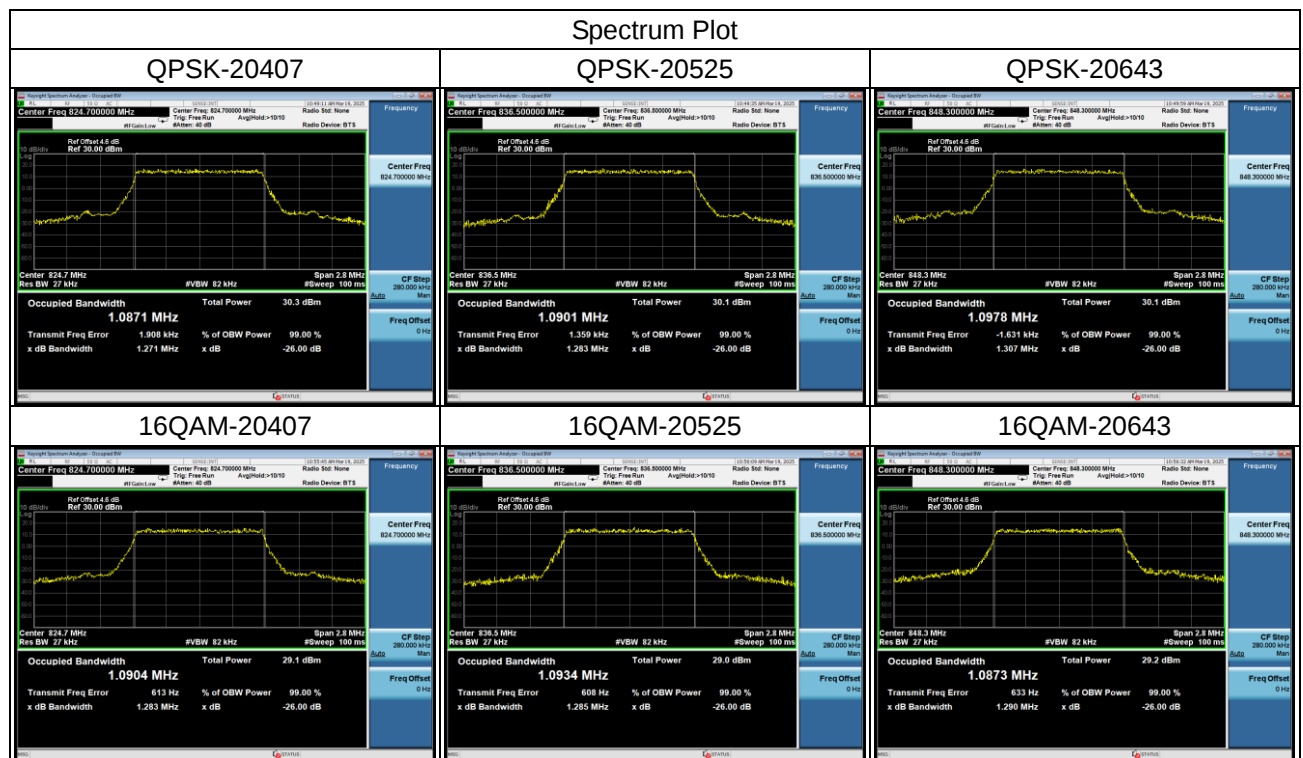
Bandwidth	Modulation	RB size	RB offset	CH26815	CH26915	CH27015	ERP		
				826.5MHz	836.5MHz	846.5MHz			
5MHz	QPSK	1	0	22.82	22.88	23.00	20.97	21.03	21.15
		1	13	22.91	23.19	23.18	21.06	21.34	21.33
		1	24	22.61	22.97	23.15	20.76	21.12	21.30
		12	0	22.33	22.21	22.29	20.48	20.36	20.44
		12	6	22.40	22.25	22.33	20.55	20.40	20.48
		12	11	22.20	22.27	22.28	20.35	20.42	20.43
		25	0	22.28	22.24	22.25	20.43	20.39	20.40
	16QAM	1	0	21.89	21.76	22.12	20.04	19.91	20.27
		1	13	22.13	22.32	22.18	20.28	20.47	20.33
		1	24	21.60	21.78	21.63	19.75	19.93	19.78
		12	0	21.06	21.33	21.03	19.21	19.48	19.18
		12	6	21.24	21.27	21.03	19.39	19.42	19.18
		12	11	21.15	21.19	20.97	19.30	19.34	19.12
		25	0	21.28	21.01	21.35	19.43	19.16	19.50

Bandwidth	Modulation	RB size	RB offset	CH26840	CH26915	CH26990	ERP		
				829MHz	836.5MHz	844MHz			
10MHz	QPSK	1	0	23.19	23.22	23.23	21.34	21.37	21.38
		1	25	23.46	23.45	23.67	21.61	21.60	21.82
		1	49	23.16	23.25	23.45	21.31	21.40	21.60
		25	0	22.37	22.29	22.35	20.52	20.44	20.50
		25	13	22.33	22.22	22.27	20.48	20.37	20.42
		25	25	22.27	22.24	22.31	20.42	20.39	20.46
		50	0	22.31	22.29	22.27	20.46	20.44	20.42
	16QAM	1	0	22.40	22.02	22.31	20.55	20.17	20.46
		1	25	22.51	22.33	22.60	20.66	20.48	20.75
		1	49	22.01	22.40	22.33	20.16	20.55	20.48
		25	0	21.39	21.37	21.32	19.54	19.52	19.47
		25	13	21.46	21.22	21.39	19.61	19.37	19.54
		25	25	21.40	21.35	21.26	19.55	19.50	19.41
		50	0	21.14	21.14	21.28	19.29	19.29	19.43

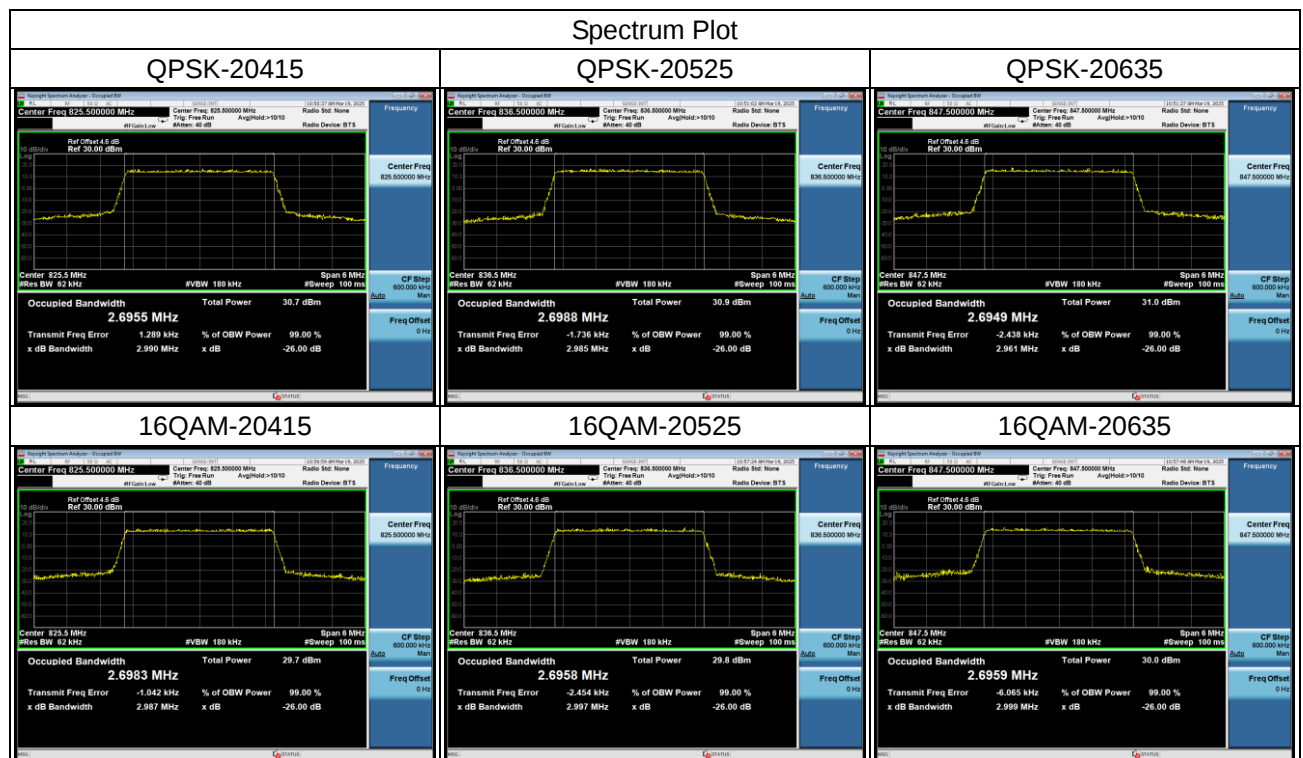
Bandwidth	Modulation	RB size	RB offset	CH26865	CH26915	CH26965	ERP		
				831.5MHz	836.5MHz	841.5MHz			
15MHz	QPSK	1	0	23.18	23.19	23.44	21.33	21.34	21.59
		1	38	23.13	23.17	23.51	21.28	21.32	21.66
		1	74	23.28	23.13	23.43	21.43	21.28	21.58
		36	0	22.29	22.26	22.29	20.44	20.41	20.44
		36	18	22.34	22.26	22.36	20.49	20.41	20.51
		36	39	22.30	22.37	22.37	20.45	20.52	20.52
		75	0	22.27	22.25	22.20	20.42	20.40	20.35
	16QAM	1	0	22.11	23.07	22.11	20.26	21.22	20.26
		1	38	22.35	23.13	22.71	20.50	21.28	20.86
		1	74	22.06	22.94	22.11	20.21	21.09	20.26
		36	0	21.37	21.33	21.18	19.52	19.48	19.33
		36	18	21.32	21.27	21.19	19.47	19.42	19.34
		36	39	21.33	21.17	21.04	19.48	19.32	19.19
		75	0	21.20	21.17	21.22	19.35	19.32	19.37

APPENDIX B - OCCUPIED BANDWIDTH

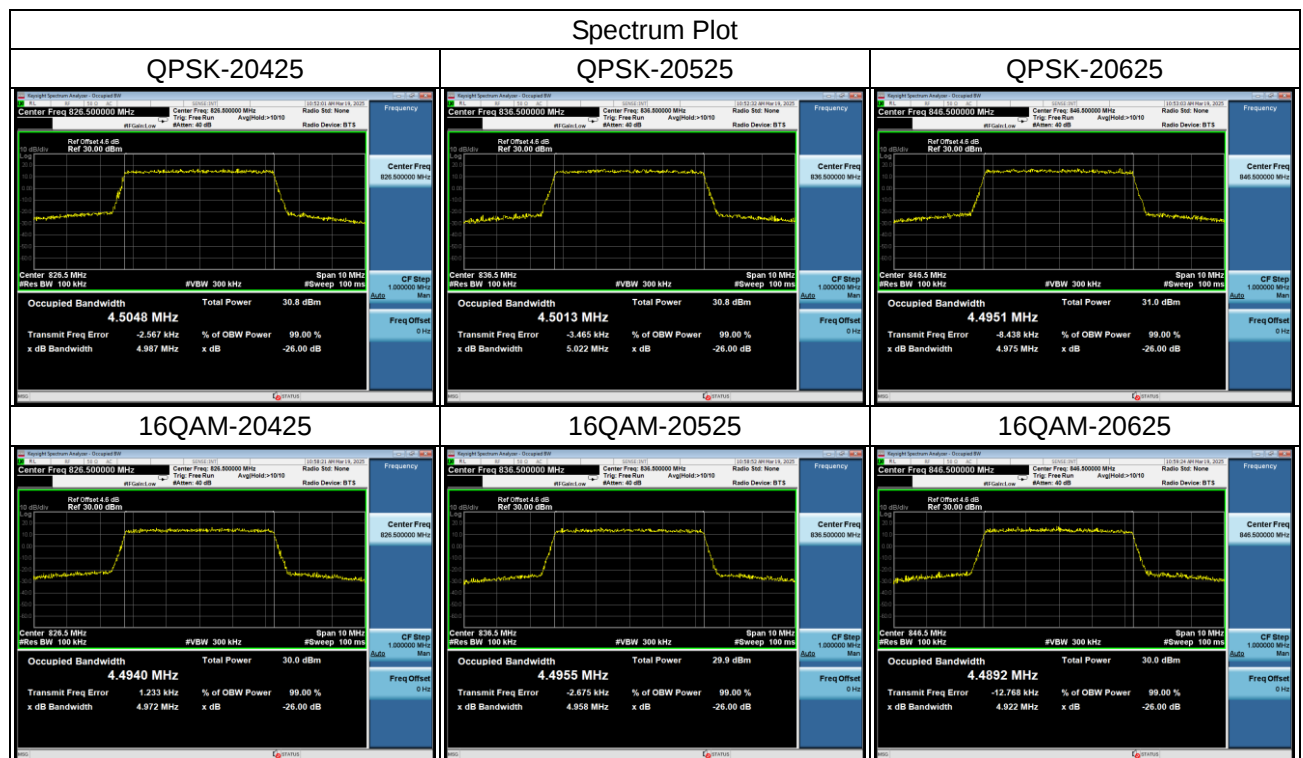
LTE Band 5_1.4MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20407	824.7	1.0871	1.0904	1.271	1.283
20525	836.5	1.0901	1.0934	1.283	1.285
20643	848.3	1.0978	1.0873	1.307	1.290



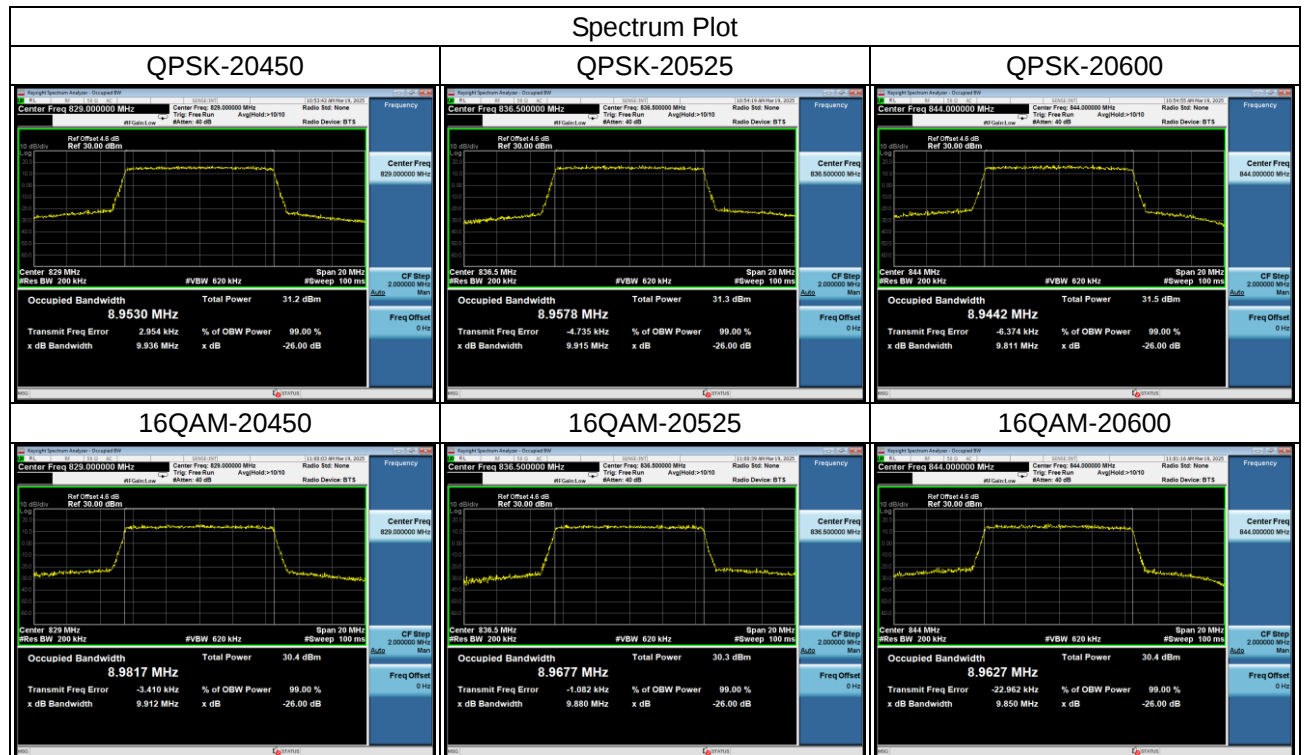
LTE Band 5_3MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20415	825.5	2.6955	2.6983	2.990	2.987
20525	836.5	2.6988	2.6958	2.985	2.997
20635	847.5	2.6949	2.6959	2.961	2.999



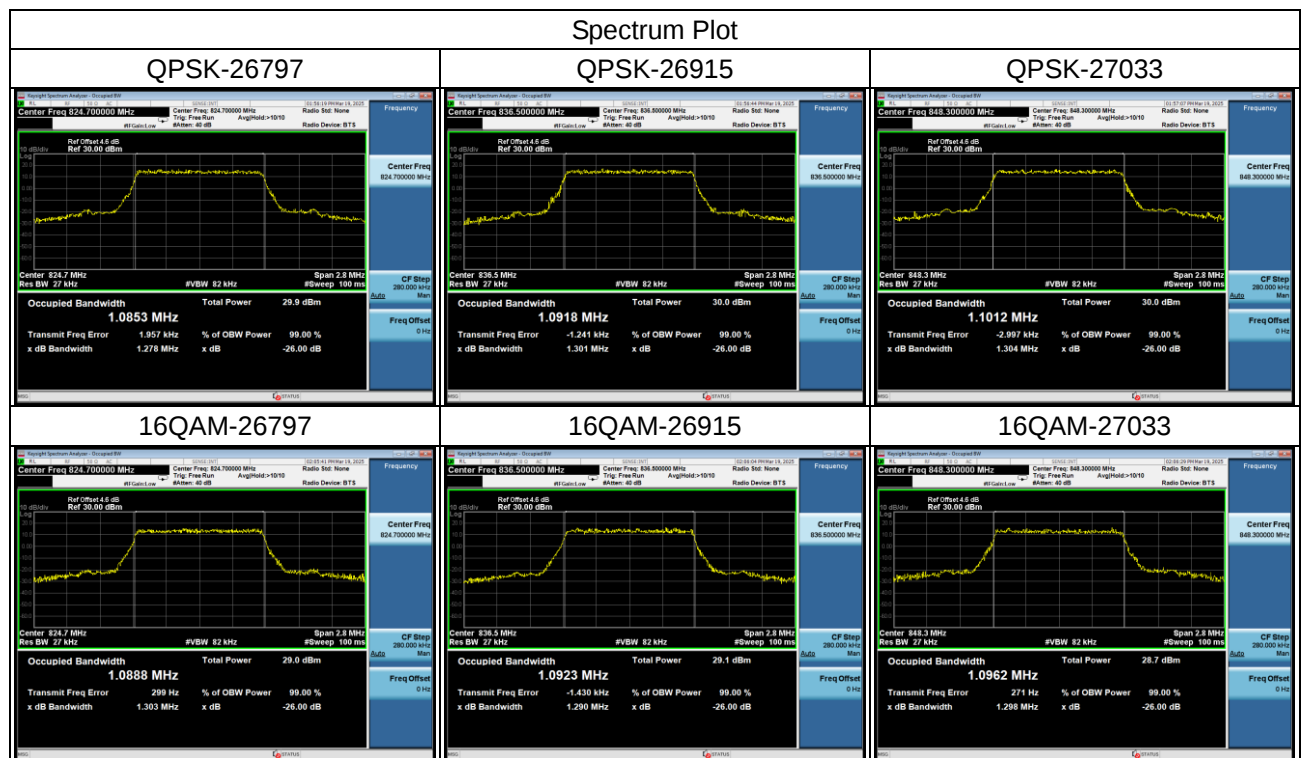
LTE Band 5_5MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20425	826.5	4.5048	4.4940	4.987	4.972
20525	836.5	4.5013	4.4955	5.022	4.958
20625	846.5	4.4951	4.4892	4.975	4.922



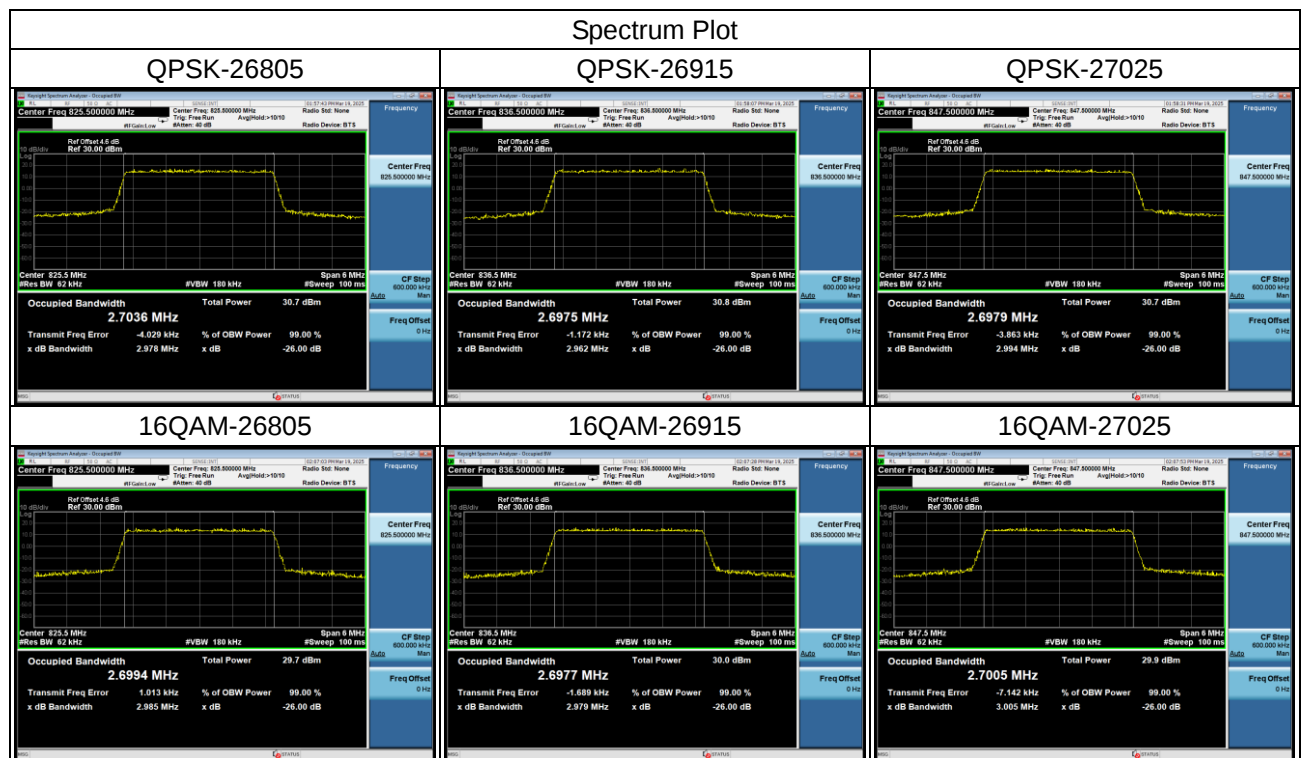
LTE Band 5_10MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20450	829.0	8.9530	8.9817	9.936	9.912
20525	836.5	8.9578	8.9677	9.915	9.880
20600	844.0	8.9442	8.9627	9.811	9.850



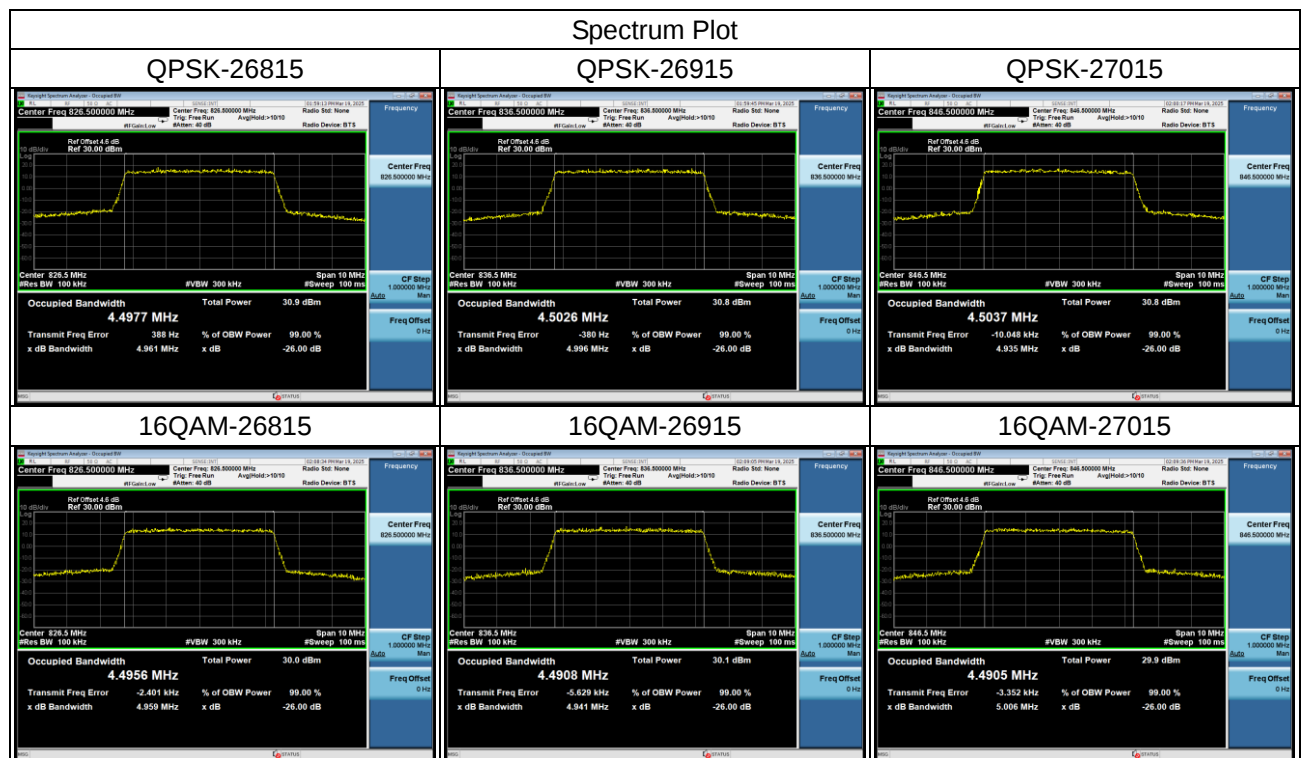
LTE Band 26_1.4MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
26797	824.7	1.0853	1.0888	1.278	1.303
26915	836.5	1.0918	1.0923	1.301	1.290
27033	848.3	1.1012	1.0962	1.304	1.298



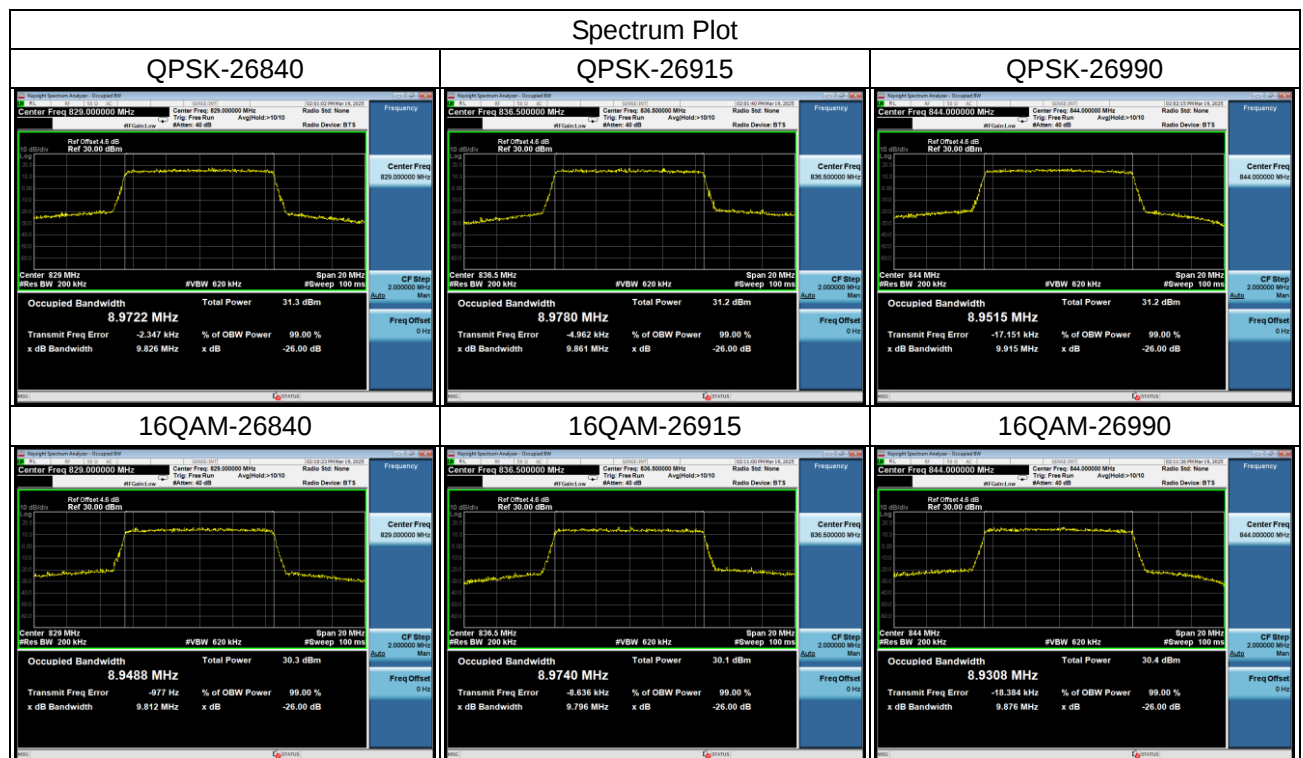
LTE Band 26_3MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
26805	825.5	2.7036	2.6994	2.978	2.985
26915	836.5	2.6975	2.6977	2.962	2.979
27025	847.5	2.6979	2.7005	2.994	3.005



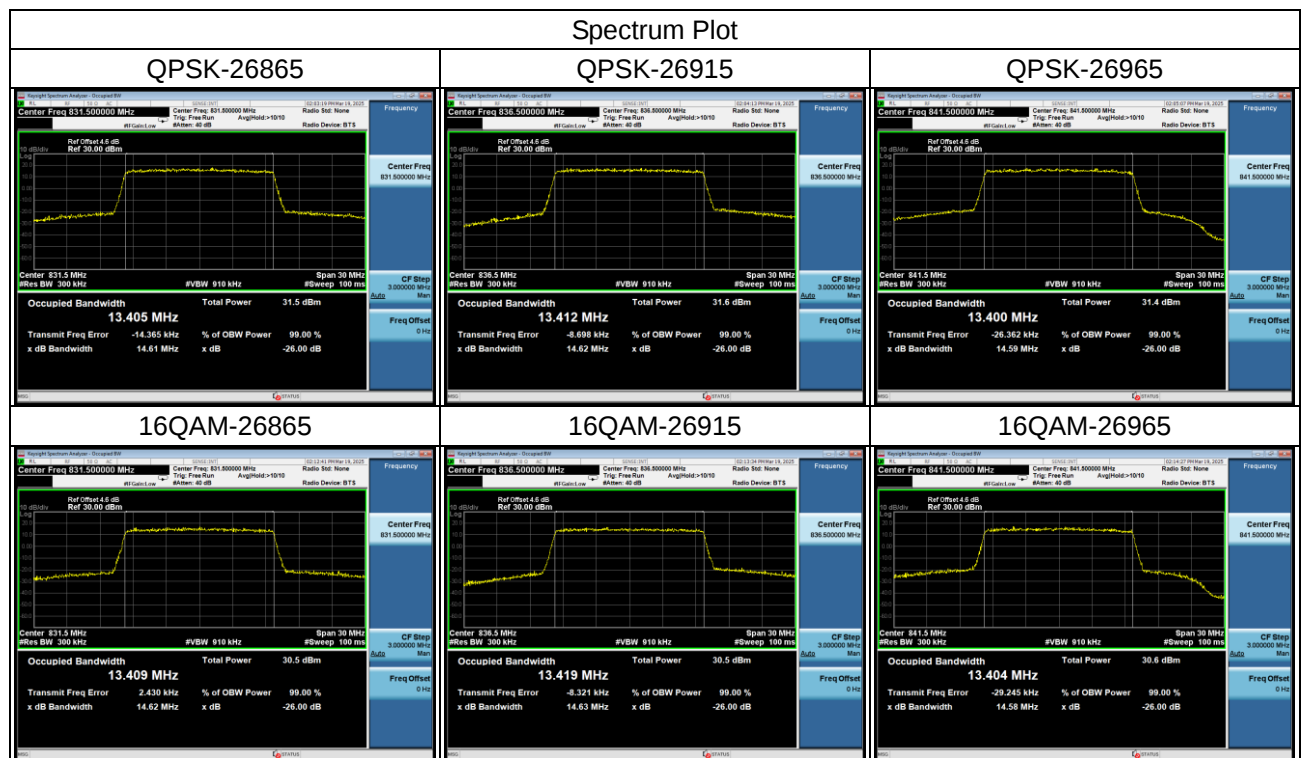
LTE Band 26_5MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
26815	826.5	4.4977	4.4956	4.961	4.959
26915	836.5	4.5026	4.4908	4.996	4.941
27015	846.5	4.5037	4.4905	4.935	5.006



LTE Band 26_10MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
26840	829	8.9722	8.9488	9.826	9.812
26915	836.5	8.9780	8.9740	9.861	9.796
26990	844	8.9515	8.9308	9.915	9.876

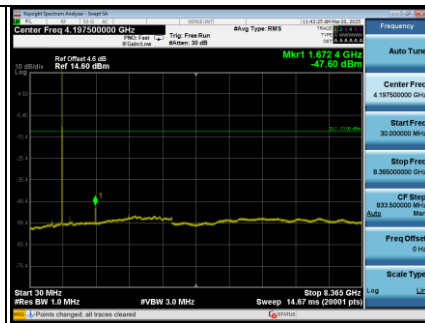


LTE Band 26_15MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
26865	831.5	13.405	13.409	14.61	14.62
26915	836.5	13.412	13.419	14.62	14.63
26965	841.5	13.400	13.404	14.59	14.58

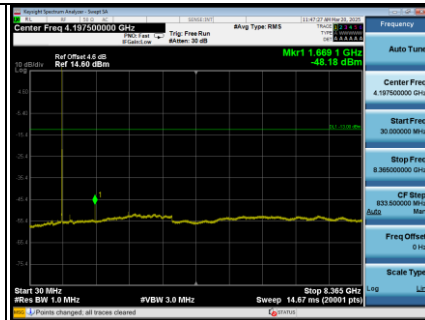


APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

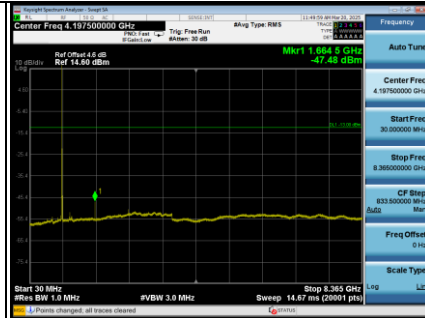
LTE Band 5_1.4MHz_CH20525 Spectrum Plot



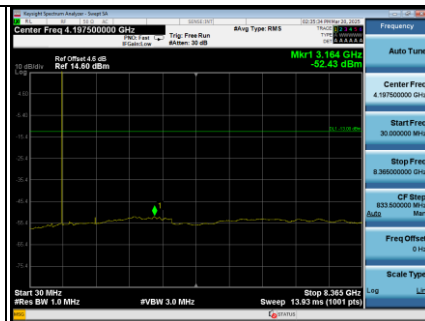
LTE Band 5_5MHz_CH20525 Spectrum Plot



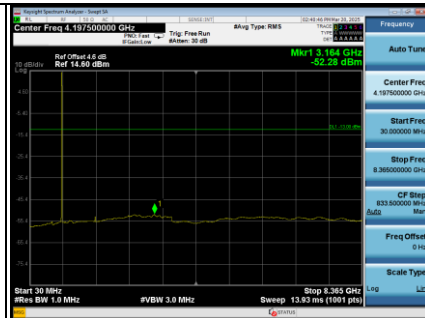
LTE Band 5_10M_CH20525 Spectrum Plot



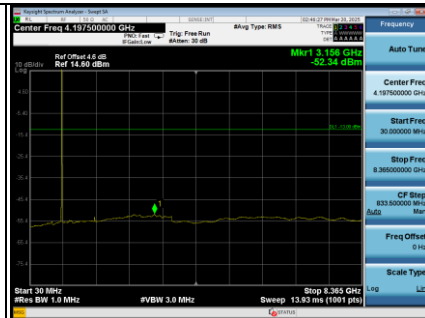
LTE Band 26_1.4MHz_CH26915 Spectrum Plot



LTE Band 26_5MHz_CH26915 Spectrum Plot



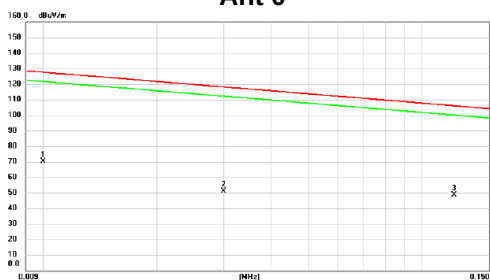
LTE Band 26_15MHz_CH26915 Spectrum Plot



APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)

Test Mode : TX Mode

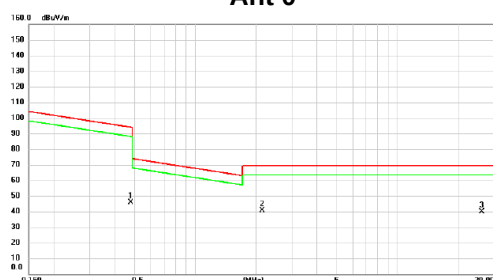
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0100	49.76	20.53	70.29	127.60	-57.31	peak	
2		0.0300	30.88	20.13	51.01	118.06	-67.05	peak	
3		0.1215	28.40	20.09	48.49	105.92	-57.43	peak	

Test Mode : TX Mode

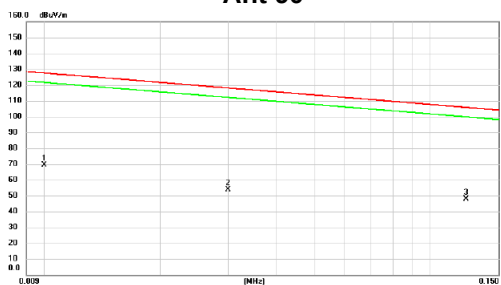
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4783	25.89	20.00	45.89	94.01	-48.12	peak	
2	*	2.1500	20.58	20.02	40.60	69.54	-28.94	peak	
3		26.2091	18.78	20.99	39.77	69.54	-29.77	peak	

Test Mode : TX Mode

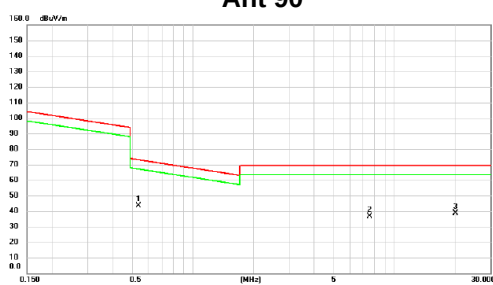
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0100	48.90	20.53	69.43	127.60	-58.17	peak	
2		0.0300	33.64	20.13	53.77	118.06	-64.29	peak	
3	*	0.1236	27.76	20.08	47.84	105.77	-57.93	peak	

Test Mode : TX Mode

Ant 90°

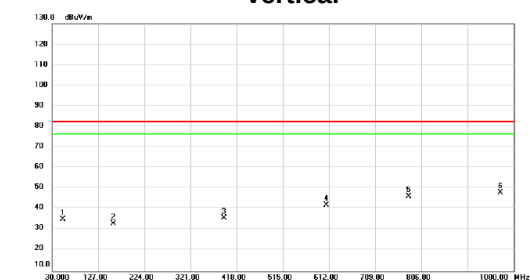


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.5381	23.21	20.02	43.23	72.99	-29.76	peak	
2		7.5230	16.16	20.40	36.56	69.54	-32.98	peak	
3		20.0898	17.92	20.72	38.64	69.54	-30.90	peak	

APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1000MHZ)

Test Mode : LTE Band 5_TX CH20525_1.4MHz

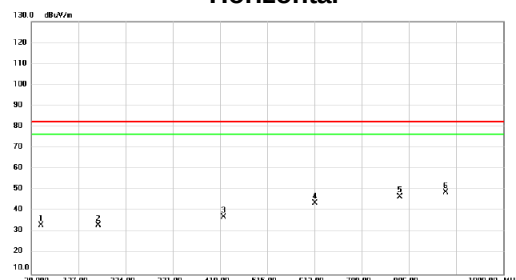
Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	52.3100	36.65	-1.60	35.05	82.30	-47.25	peak	
2	158.0400	34.29	-1.21	33.08	82.30	-49.22	peak	
3	390.8400	33.96	1.70	35.66	82.30	-46.64	peak	
4	605.6950	34.64	7.18	41.82	82.30	-40.48	peak	
5	779.8100	35.99	10.22	46.21	82.30	-36.09	peak	
6 *	972.3550	35.62	12.22	47.84	82.30	-34.46	peak	

Test Mode : LTE Band 5_TX CH20525_1.4MHz

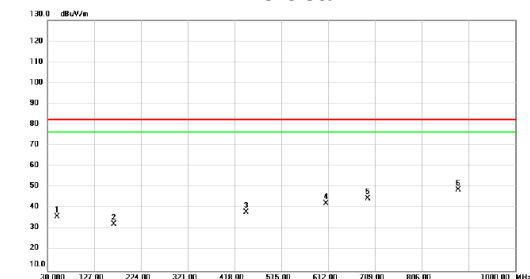
Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	50.3700	34.68	-1.55	33.13	82.30	-49.17	peak	
2	168.2250	34.66	-1.49	33.17	82.30	-49.13	peak	
3	425.2750	34.45	2.75	37.20	82.30	-45.10	peak	
4	612.4850	36.34	7.29	43.63	82.30	-38.67	peak	
5	787.0850	36.51	10.33	46.84	82.30	-35.46	peak	
6 *	881.6600	37.82	11.02	48.84	82.30	-33.46	peak	

Test Mode : LTE Band 5_TX CH20525_5MHz

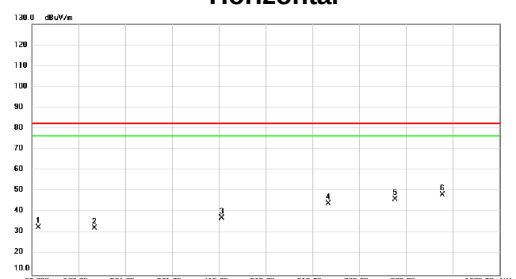
Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	50.3700	37.39	-1.55	35.84	82.30	-46.46	peak	
2	167.7400	33.94	-1.47	32.47	82.30	-49.83	peak	
3	442.2500	34.73	3.32	38.05	82.30	-44.25	peak	
4	607.6350	35.04	7.22	42.26	82.30	-40.04	peak	
5	694.4500	36.11	8.56	44.67	82.30	-37.63	peak	
6 *	881.6600	37.97	11.02	48.99	82.30	-33.31	peak	

Test Mode : LTE Band 5_TX CH20525_5MHz

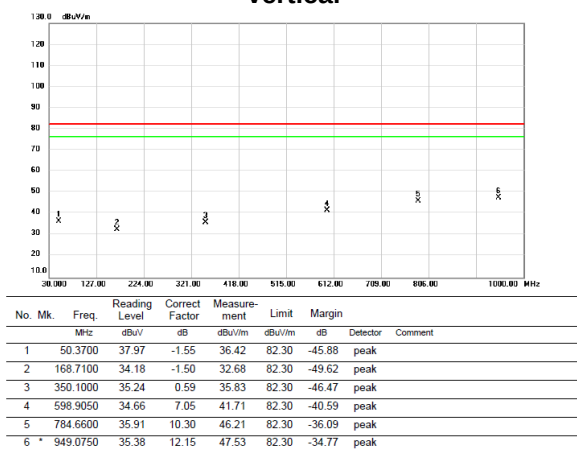
Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	44.0650	34.33	-1.74	32.59	82.30	-49.71	peak	
2	160.4650	33.67	-1.21	32.46	82.30	-49.84	peak	
3	423.3350	34.48	2.68	37.16	82.30	-45.14	peak	
4	645.4650	36.20	7.90	44.10	82.30	-38.20	peak	
5	783.6900	35.86	10.29	46.15	82.30	-36.15	peak	
6 *	881.1750	37.33	11.01	48.34	82.30	-33.96	peak	

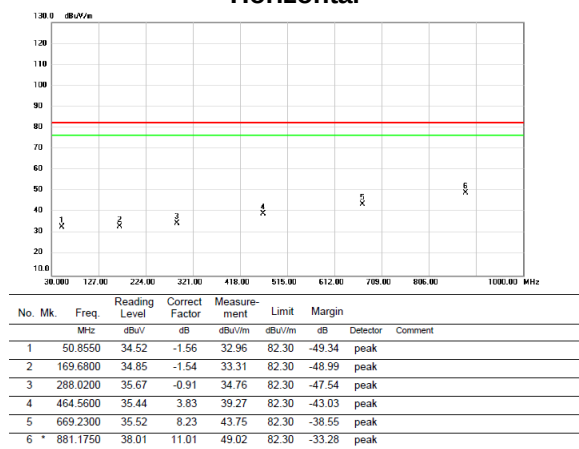
Test Mode : LTE Band 5_TX CH20525_10MHz

Vertical



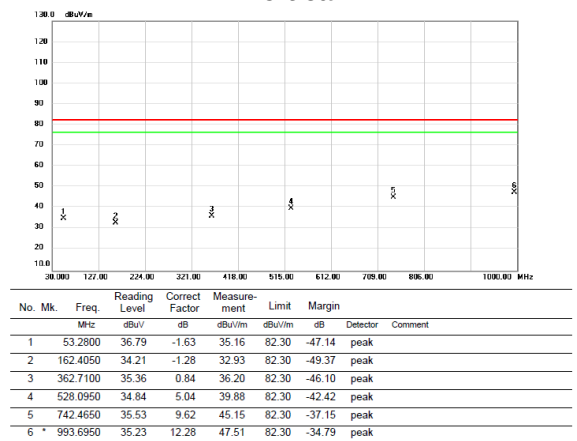
Test Mode : LTE Band 5_TX CH20525_10MHz

Horizontal



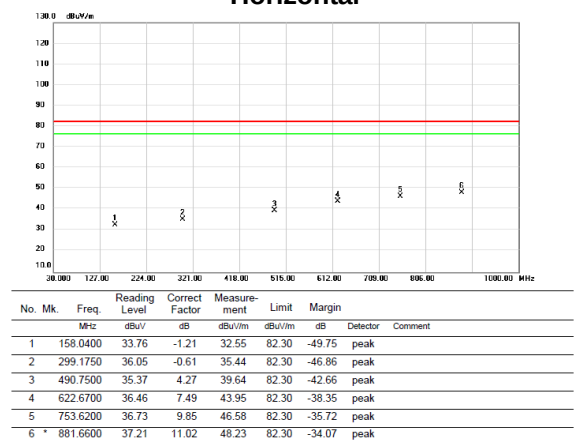
Test Mode : LTE Band 26_TX CH26915_1.4MHz

Vertical



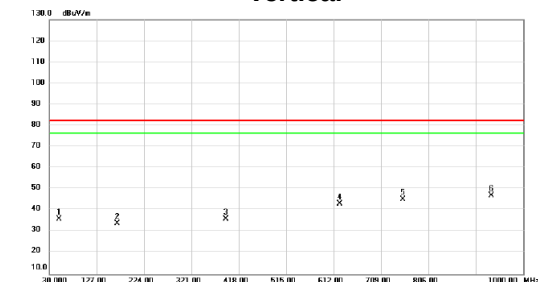
Test Mode : LTE Band 26_TX CH26915_1.4MHz

Horizontal



Test Mode : LTE Band 26_TX CH26915_5MHz

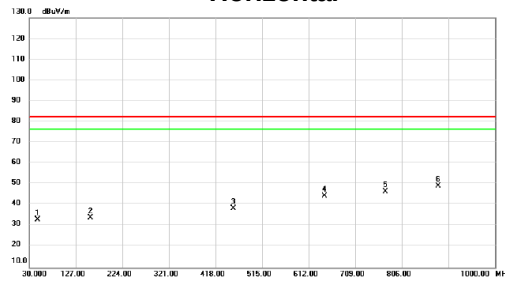
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/m	Limit dBm/m	Margin dB	Detector	Comment
1	49.8850	37.34	-1.53	35.81	82.30	-46.49	peak	
2	168.7100	35.24	-1.50	33.74	82.30	-48.56	peak	
3	391.8100	34.09	1.72	35.81	82.30	-46.49	peak	
4	623.6400	35.80	7.50	43.30	82.30	-39.00	peak	
5	753.1350	35.52	9.84	45.36	82.30	-36.94	peak	
6 *	934.5250	35.22	11.87	47.09	82.30	-35.21	peak	

Test Mode : LTE Band 26_TX CH26915_5MHz

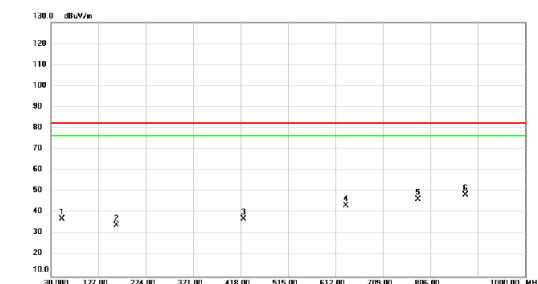
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/m	Limit dBm/m	Margin dB	Detector	Comment
1	47.4600	34.51	-1.60	32.91	82.30	-49.39	peak	
2	157.5550	35.09	-1.21	33.88	82.30	-48.42	peak	
3	454.3750	34.69	3.65	38.34	82.30	-43.96	peak	
4	644.4950	36.47	7.88	44.35	82.30	-37.95	peak	
5	771.5650	36.34	10.11	46.45	82.30	-35.85	peak	
6 *	862.1450	38.27	11.02	49.29	82.30	-33.01	peak	

Test Mode : LTE Band 26_TX CH26915_15MHz

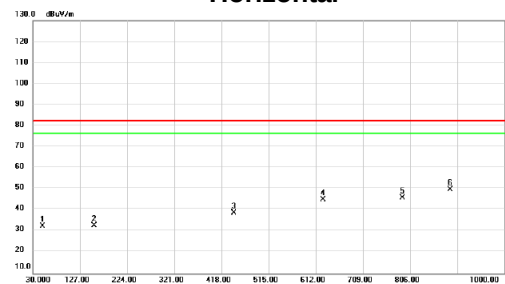
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/m	Limit dBm/m	Margin dB	Detector	Comment
1	52.7950	38.72	-1.62	37.10	82.30	-45.20	peak	
2	163.3750	35.37	-1.31	34.06	82.30	-48.24	peak	
3	423.8200	34.54	2.70	37.24	82.30	-45.06	peak	
4	633.3400	35.80	7.68	43.48	82.30	-38.82	peak	
5	780.7800	36.17	10.24	46.41	82.30	-35.89	peak	
6 *	877.7800	37.69	10.98	48.67	82.30	-33.63	peak	

Test Mode : LTE Band 26_TX CH26915_15MHz

Horizontal

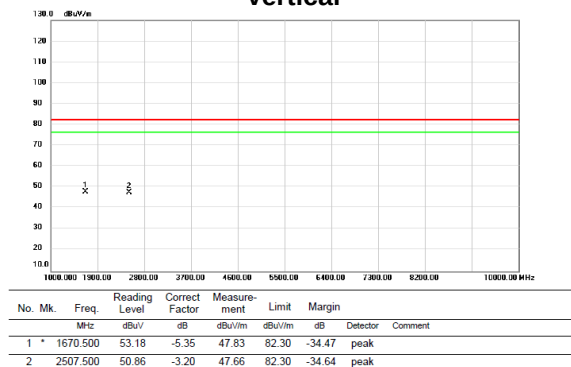


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/m	Limit dBm/m	Margin dB	Detector	Comment
1	50.3700	33.84	-1.55	32.29	82.30	-50.01	peak	
2	156.5850	33.77	-1.22	32.55	82.30	-49.75	peak	
3	442.7350	35.30	3.33	38.63	82.30	-43.67	peak	
4	627.0350	37.48	7.56	45.04	82.30	-37.26	peak	
5	789.9950	35.53	10.37	45.90	82.30	-36.40	peak	
6 *	887.9650	38.74	11.08	49.82	82.30	-32.48	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

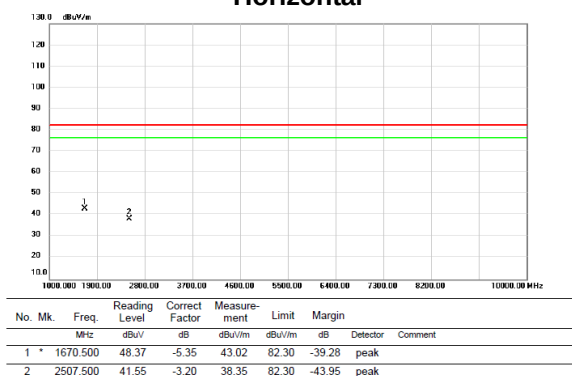
Test Mode : LTE Band 5_TX CH20525_1.4MHz

Vertical



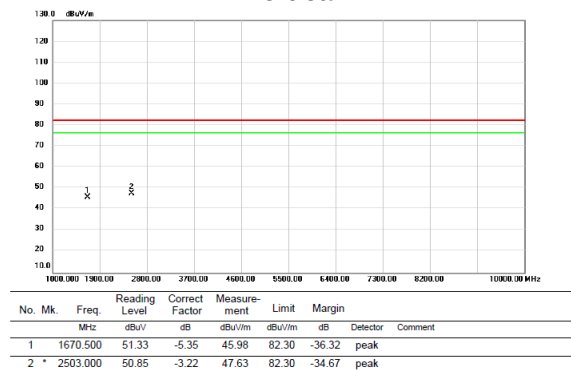
Test Mode : LTE Band 5_TX CH20525_1.4MHz

Horizontal



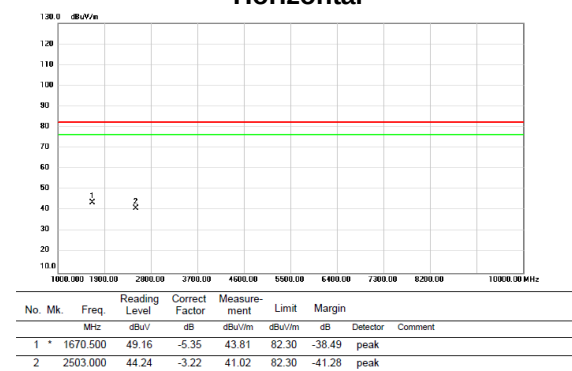
Test Mode : LTE Band 5_TX CH20525_5MHz

Vertical



Test Mode : LTE Band 5_TX CH20525_5MHz

Horizontal



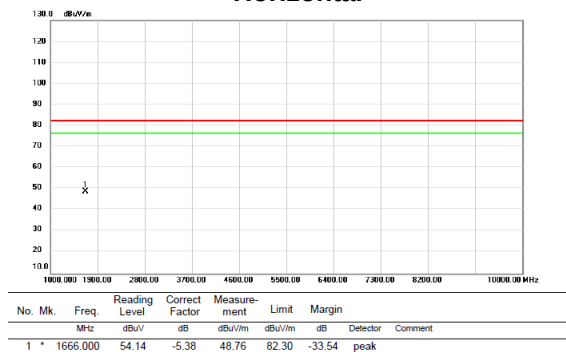
Test Mode : LTE Band 5_TX CH20525_10MHz

Vertical



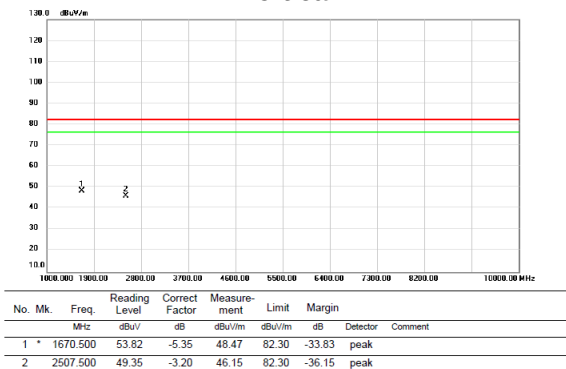
Test Mode : LTE Band 5_TX CH20525_10MHz

Horizontal



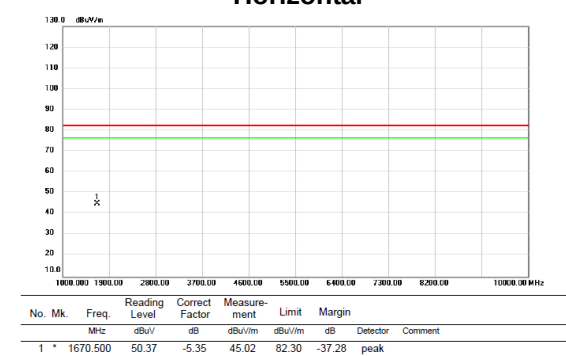
Test Mode : LTE Band 26_TX CH26915_1.4MHz

Vertical



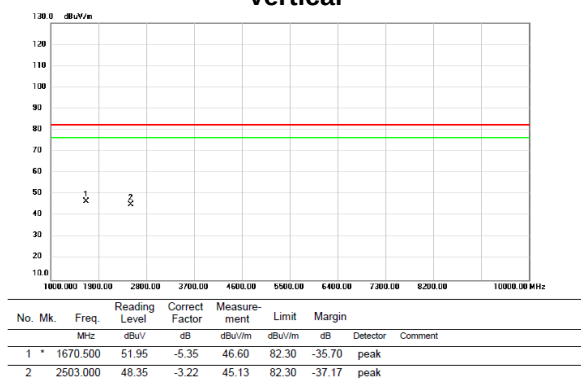
Test Mode : LTE Band 26_TX CH26915_1.4MHz

Horizontal



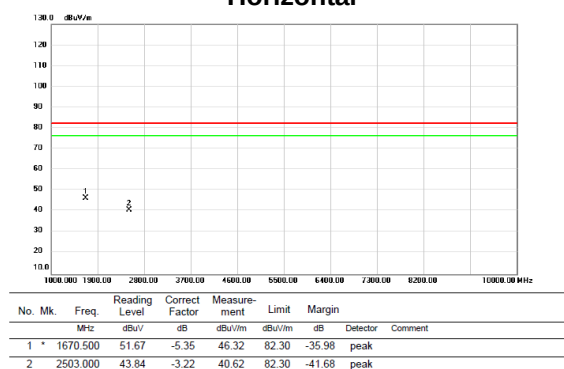
Test Mode : LTE Band 26_TX CH26915_5MHz

Vertical



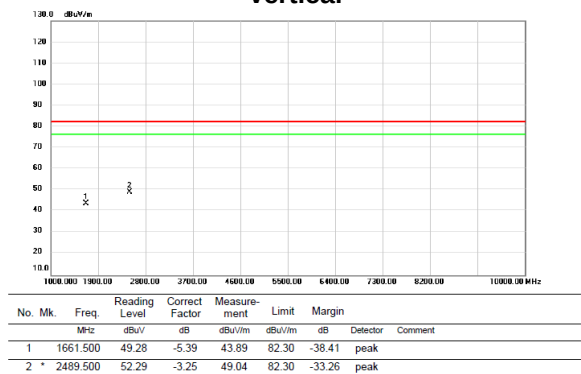
Test Mode : LTE Band 26_TX CH26915_5MHz

Horizontal



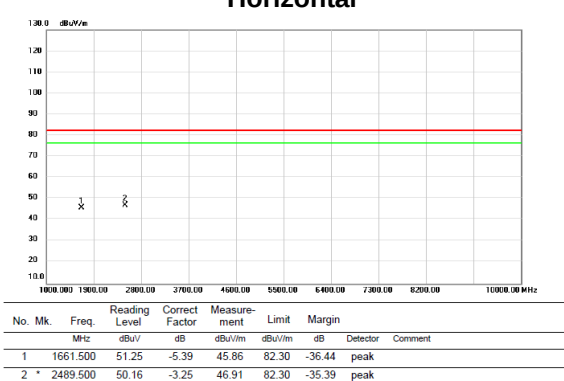
Test Mode : LTE Band 26_TX CH26915_15MHz

Vertical



Test Mode : LTE Band 26_TX CH26915_15MHz

Horizontal



APPENDIX G - BAND EDGE