RF TEST REPORT

Applicant	Spireon Inc
FCC ID	O9YFLF4L
Product	GPS tracker
Brand	Solera
Model	Flex3-L-G
Report No.	EFTA25030295-IE-01-R1
Issue Date	April 20, 2025

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 / FCC CFR 47 Part 22H / FCC CFR 47 Part 24E / FCC CFR47 Part 27C / FCC CFR 47 Part 90S**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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TABLE OF CONTENT

Summary of Measurement Results

Test Case	Clause in FCC rules	Limits	Verdict
GSM 850; WCDMA Band 5; LTE Band 5/26 (824-849MHz)			
RF Power Output and Effective Radiated Power	2.1046 22.913(a)(5)	≤ 7 W (38.45 dBm)	PASS
Radiated Spurious Emission	2.1053 22.917 (a)	≤ -13 dBm	PASS
GSM 1900; WCDMA Band 2; LTE Band 2/25			
RF Power Output and Effective Isotropic Radiated Power	2.1046 24.232(c)	≤ 2 W (33 dBm)	PASS
Radiated Spurious Emission	2.1053 24.238(a)	≤ -13 dBm	PASS
WCDMA Band 4; LTE Band 4/66			
RF Power Output and Effective Isotropic Radiated Power	2.1046 27.50(d)(4)	≤ 1 W (30 dBm)	PASS
Radiated Spurious Emission	2.1053 27.53(h)	≤ -13 dBm	PASS
LTE Band 7			
RF Power Output and Effective Isotropic Radiated Power	2.1046 27.50(h)(2)	≤ 2 W (33 dBm)	PASS
Radiated Spurious Emission	2.1053 27.53(m)	≤ -25 dBm	PASS
LTE Band 12			
RF Power Output and Effective Radiated Power	2.1046 27.50(c)(10)	≤ 30 W (44.77 dBm)	PASS
Radiated Spurious Emission	2.1053 27.53(g)	≤ -13 dBm	PASS
LTE Band 13			
RF Power Output and Effective Radiated Power	2.1046 27.50(b)(10)	≤ 30 W (44.77 dBm)	PASS
Radiated Spurious Emission	2.1053 27.53(c) 27.53(f)	Limit out of the band 1559-1610 MHz: ≤ -13 dBm Limit in the band 1559-1610 MHz: ≤ -40 dBm	PASS
LTE Band 26 (814-824MHz)			
RF Power Output and Effective Radiated Power	2.1046 90.635(b)	≤ 100 W (50 dBm)	PASS
Radiated Spurious Emission	2.1053 90.691	≤ -13 dBm	PASS

Test Case	Clause in FCC rules	Limits	Verdict
Date of Testing: April 9, 2025 ~ April 16, 2025 Date of Sample Received: April 7, 2025			
Note: PASS: The EUT complies with the essential requirements in the standard. FAIL: The EUT does not comply with the essential requirements in the standard. All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

Only Radiated Spurious Emission is tested for Flex3-L-G in this report, and because of the change of antenna gain, ERP/EIRP need to be re-evaluated. Other test items refer to the Module report (Report No.: 2212RSU048-U1, 2212RSU048-U2, 2212RSU048-U3, FCC ID: XMR202212EG21GL, Grant date: 03/15/2023).

1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3 Testing Location

Company:	Eurofins TA Technology (Shanghai) Co., Ltd.
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2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

Applicant	Spireon Inc
Applicant address	18881 Von Karman Ave., Suite #1500, Irvine
Manufacturer	Spireon Inc
Manufacturer address	18881 Von Karman Ave., Suite #1500, Irvine

2.2 General information

EUT Description				
Model	Flex3-L-G			
Lab internal SN	EFTA25030295-IE-01/S01			
Hardware Version	4.0.0			
Software Version	EG21GLGDR07A03M1G_BETA241127			
Power Supply	External power supply			
Antenna Type	Internal Antenna			
Rated Power Supply Voltage	12 V			
Operating Voltage	Minimum: 8V Maximum: 30V			
Operating Temperature	Lowest: -30°C Highest: +70°C			
Testing Temperature	Lowest: -30°C Highest: +50°C			
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)	Gain (dBi)
	GSM850	824 ~ 849	869 ~ 894	-0.77
	GSM1900	1850 ~ 1910	1930 ~ 1990	1.11
	WCDMA Band II	1850 ~ 1910	1930 ~ 1990	1.11
	WCDMA Band IV	1710 ~ 1755	2110 ~ 2155	1.10
	WCDMA Band V	824 ~ 849	869 ~ 894	-0.77
	LTE Band 2	1850 ~ 1910	1930 ~ 1990	1.11
	LTE Band 4	1710 ~ 1755	2110 ~ 2155	1.71
	LTE Band 5	824 ~ 849	869 ~ 894	-0.77
	LTE Band 7	2500 ~ 2570	2620 ~ 2690	1.82
	LTE Band 12	699 ~ 716	729 ~ 746	-1.25
	LTE Band 13	777 ~ 787	746 ~ 756	-0.48
	LTE Band 25	1850 ~ 1915	1930 ~ 1995	1.11
	LTE Band 26 (824 ~ 849)	824 ~ 849	869 ~ 894	-0.77
	LTE Band 26 (814 ~ 824)	814 ~ 824	859 ~ 869	-0.48
	LTE Band 66	1710 ~ 1780	2110 ~ 2180	1.71

Test Modulation	(GSM/GPRS)GMSK, (EGPRS) GMSK/ 8PSK; (WCDMA) BPSK, QPSK; (LTE) QPSK, 16QAM,;	
GPRS Multislot Class	33	
EGPRS Multislot Class	33	
HSDPA UE Category	24	
HSUPA UE Category	6	
LTE Category	1	
Power Class	GSM 850: 4 GSM 1900: 1 WCDMA / LTE: 3	
Maximum E.I.R.P./ E.R.P.	GSM850	30.07 dBm
	GSM1900	31.09 dBm
	WCDMA Band II	25.35 dBm
	WCDMA Band IV	25.05 dBm
	WCDMA Band V	20.57 dBm
	LTE Band 2/25	24.50 dBm
	LTE Band 4/66	25.04 dBm
	LTE Band 5/ 26(824 ~ 849)	20.49 dBm
	LTE Band 7	24.78 dBm
	LTE Band 12	19.83 dBm
	LTE Band 13	20.56 dBm
Conducted Power	LTE Band 26 (814 ~ 824)	23.20 dBm
Note: The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.		

3 Applied Standards

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

Test standards:

FCC CFR 47 Part 2 (2024)

FCC CFR 47 Part 22H (2024)

FCC CFR 47 Part 24E (2024)

FCC CFR 47 Part 27C (2024)

FCC CFR 47 Part 90S (2024)

Reference standard:

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

4 Test Configuration

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (X axis, vertical polarization for GSM/WCDMA; X axis, horizontal polarization for LTE) and the worst case was recorded.

All mode and data rates and positions and RB size and modulations were investigated.
Subsequently, only the worst case emissions are reported.
The following testing in GSM/WCDMA/LTE is set based on the maximum RF Output Power.
The following testing in different Bandwidth is set to detailin the following table:
Test modes are chosen to be reported as the worst case configuration below:

Test items	Modes/Modulation	
	GSM 850 / GSM 1900	WCDMA Band 2/4/5
Radiated Spurious Emission	GPRS	RMC

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

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	50%	100%	L	M	H
Radiated Spurious Emission	LTE 2	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 4	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 5	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 7	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 12	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 13	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 25	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 26 (Part 22)	O	-	O	-	O	-	O	-	O	-	-	-	O	-
	LTE 26 (Part 90)	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 66	O	O	O	-	-	O	O	-	O	-	-	-	O	-
Note	1. The mark “O” means that this configuration is chosen for testing. 2. The mark “-” means that this configuration is not testing.														

5 Test Case

5.1 RF Power Output and Effective Isotropic Radiated Power

Ambient condition

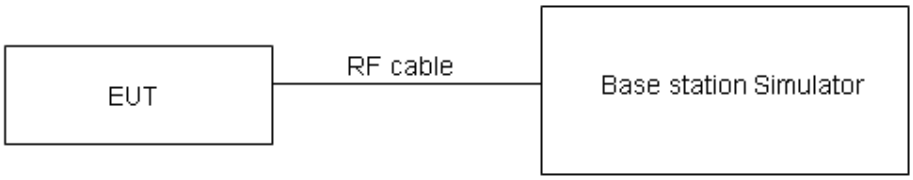
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:
EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)
EIRP (dBm) = ERP (dBm) + 2.15 (dB.)

Test Setup



Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U=0.4 dB for RF power output, k = 2, U= 1.19 dB for ERP/EIRP.

Test Results

Refer to the section 6.1 of this report for test data.

5.2 Radiated Spurious Emission

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

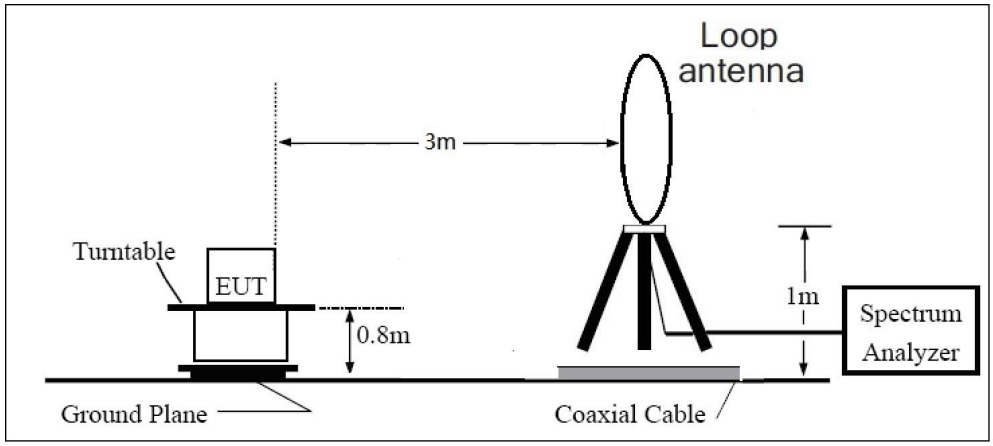
Method of Measurement

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=100kHz, VBW=300kHz for 30MHz to 1GHz and RBW=1MHz, VBW=3MHz for above 1GHz, and the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:
Power(EIRP)=PMea- PAg - Pcl + Ga
The measurement results are amend as described below:
Power(EIRP)=PMea- Pcl + Ga
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dB.

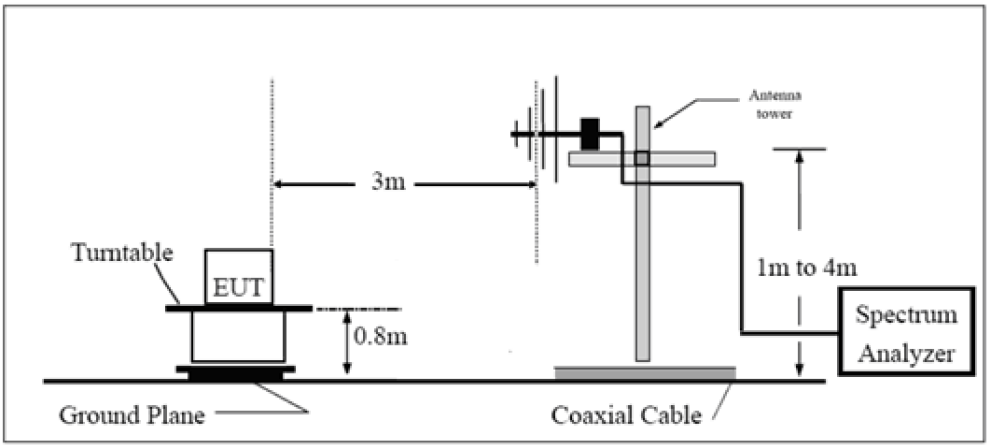
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

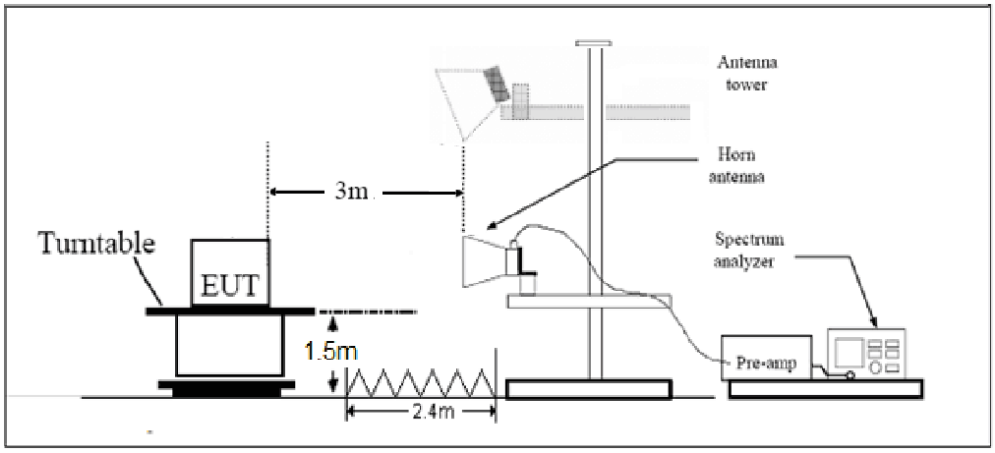
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95％ confidence level for the normal distribution is with the coverage factor k = ±1.96, U= ±3.55 dB.

Test Results

Refer to the section 6.2 of this report for test data.

6 Test Results

6.1 RF Power Output and Effective (Isotropic) Radiated Power

GSM 850		Maximum Output Power (dBm)			ERP (dBm)		
		Channel 128	Channel 190	Channel 251	Channel 128	Channel 190	Channel 251
		824.2 (MHz)	836.6 (MHz)	848.8 (MHz)	824.2 (MHz)	836.6 (MHz)	848.8 (MHz)
GPRS (GMSK)	1Txslot	32.27	32.78	32.99	29.35	29.86	30.07
	2Txslots	30.35	30.95	31.41	27.43	28.03	28.49
	3Txslots	29.36	29.86	30.26	26.44	26.94	27.34
	4Txslots	28.06	28.73	29.01	25.14	25.81	26.09
EGPRS (GMSK)	1Txslot	32.14	32.62	32.88	29.22	29.70	29.96
	2Txslots	30.30	30.83	31.34	27.38	27.91	28.42
	3Txslots	29.31	29.87	30.26	26.39	26.95	27.34
	4Txslots	28.04	28.61	29.14	25.12	25.69	26.22
EGPRS (8PSK)	1Txslot	26.23	26.64	27.08	23.31	23.72	24.16
	2Txslots	25.05	25.51	25.97	22.13	22.59	23.05
	3Txslots	23.45	23.91	24.26	20.53	20.99	21.34
	4Txslots	22.18	22.63	23.19	19.26	19.71	20.27

GSM 1900		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 512	Channel 661	Channel 810	Channel 512	Channel 661	Channel 810
		1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)	1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)
GPRS (GMSK)	1TXslot	29.90	29.93	29.84	31.01	31.04	30.95
	2TXslots	29.01	28.98	28.99	30.12	30.09	30.10
	3TXslots	27.28	27.23	27.32	28.39	28.34	28.43
	4TXslots	26.16	26.97	26.97	27.27	28.08	28.08
EGPRS (GMSK)	1TXslot	29.96	29.98	29.83	31.07	31.09	30.94
	2TXslots	29.05	29.07	29.03	30.16	30.18	30.14
	3TXslots	27.39	27.30	27.26	28.50	28.41	28.37
	4TXslots	26.06	26.97	27.03	27.17	28.08	28.14
EGPRS (8PSK)	1TXslot	25.93	25.91	26.02	27.04	27.02	27.13
	2TXslots	25.75	25.79	25.80	26.86	26.90	26.91
	3TXslots	24.67	24.60	24.72	25.78	25.71	25.83
	4TXslots	23.49	23.54	23.56	24.60	24.65	24.67

WCDMA Band II		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 9262	Channel 9400	Channel 9538	Channel 9262	Channel 9400	Channel 9538
		1852.4 (MHz)	1880 (MHz)	1907.6 (MHz)	1852.4 (MHz)	1880 (MHz)	1907.6 (MHz)
RMC		24.15	24.24	24.06	25.26	25.35	25.17
HSDPA	Sub - Test 1	23.04	23.18	23.08	24.15	24.29	24.19
	Sub - Test 2	23.07	23.22	23.18	24.18	24.33	24.29
	Sub - Test 3	22.67	22.72	22.68	23.78	23.83	23.79
	Sub - Test 4	22.66	22.71	22.68	23.77	23.82	23.79
HSUPA	Sub - Test 1	22.57	22.72	22.91	23.68	23.83	24.02
	Sub - Test 2	22.08	22.23	22.26	23.19	23.34	23.37
	Sub - Test 3	21.66	21.81	21.85	22.77	22.92	22.96
	Sub - Test 4	22.25	22.40	22.44	23.36	23.51	23.55
	Sub - Test 5	23.09	23.18	23.18	24.20	24.29	24.29

WCDMA Band IV		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 1312	Channel 1413	Channel 1513	Channel 1312	Channel 1413	Channel 1513
		1712.4 (MHz)	1732.6 (MHz)	1752.6 (MHz)	1712.4 (MHz)	1732.6 (MHz)	1752.6 (MHz)
RMC		23.87	23.95	23.88	24.97	25.05	24.98
HSDPA	Sub - Test 1	22.92	23.00	22.95	24.02	24.1	24.05
	Sub - Test 2	22.93	23.02	22.93	24.03	24.12	24.03
	Sub - Test 3	22.44	22.52	22.49	23.54	23.62	23.59
	Sub - Test 4	22.44	22.52	22.48	23.54	23.62	23.58
HSUPA	Sub - Test 1	22.63	22.62	22.48	23.73	23.72	23.58
	Sub - Test 2	21.92	22.02	21.93	23.02	23.12	23.03
	Sub - Test 3	21.63	21.61	21.59	22.73	22.71	22.69
	Sub - Test 4	22.23	22.21	22.18	23.33	23.31	23.28
	Sub - Test 5	22.97	22.95	22.95	24.07	24.05	24.05

WCDMA Band V		Maximum Output Power (dBm)			ERP (dBm)		
		Channel 4132	Channel 4183	Channel 4233	Channel 4132	Channel 4183	Channel 4233
		826.4 (MHz)	836.6 (MHz)	846.6 (MHz)	826.4 (MHz)	836.6 (MHz)	846.6 (MHz)
RMC		23.42	23.49	23.39	20.50	20.57	20.47
HSDPA	Sub - Test 1	22.47	22.52	22.43	19.55	19.60	19.51
	Sub - Test 2	22.46	22.53	22.50	19.54	19.61	19.58
	Sub - Test 3	21.98	22.05	22.04	19.06	19.13	19.12
	Sub - Test 4	21.97	22.05	22.04	19.05	19.13	19.12
HSUPA	Sub - Test 1	22.17	22.36	22.16	19.25	19.44	19.24
	Sub - Test 2	21.50	21.11	21.47	18.58	18.19	18.55
	Sub - Test 3	21.11	20.68	21.10	18.19	17.76	18.18
	Sub - Test 4	21.69	22.08	21.67	18.77	19.16	18.75
	Sub - Test 5	22.49	22.52	22.45	19.57	19.60	19.53

LTE Band 2/25						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power(dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1850.70	1.4	1	0	22.80	23.91	< 33.01
1882.50				22.99	24.1	< 33.01
1914.30				22.68	23.79	< 33.01
1850.70	1.4	1	2	22.85	23.96	< 33.01
1882.50				23.2	24.31	< 33.01
1914.30				22.91	24.02	< 33.01
1850.70	1.4	1	6	22.65	23.76	< 33.01
1882.50				23.10	24.21	< 33.01
1914.30				22.82	23.93	< 33.01
1850.70	1.4	6	0	21.80	22.91	< 33.01
1882.50				22.09	23.2	< 33.01
1914.30				22.17	23.28	< 33.01
1851.50	3	1	0	23.04	24.15	< 33.01
1882.50				23.27	24.38	< 33.01
1913.50				23.21	24.32	< 33.01
1851.50	3	1	7	22.99	24.1	< 33.01
1882.50				23.04	24.15	< 33.01
1913.50				23.36	24.47	< 33.01
1851.50	3	1	14	22.85	23.96	< 33.01
1882.50				23.00	24.11	< 33.01
1913.50				23.25	24.36	< 33.01
1851.50	3	15	0	21.99	23.1	< 33.01
1882.50				22.16	23.27	< 33.01
1913.50				22.26	23.37	< 33.01
1852.50	5	1	0	22.83	23.94	< 33.01
1882.50				23.13	24.24	< 33.01
1912.50				23.03	24.14	< 33.01
1852.50	5	1	12	22.84	23.95	< 33.01
1882.50				22.79	23.9	< 33.01
1912.50				23.02	24.13	< 33.01
1852.50	5	1	24	22.82	23.93	< 33.01
1882.50				23.03	24.14	< 33.01
1912.50				23.2	24.31	< 33.01
1852.50	5	25	0	21.99	23.1	< 33.01
1882.50				22.22	23.33	< 33.01
1912.50				22.32	23.43	< 33.01

1855.00	10	1	0	22.78	23.89	< 33.01
1882.50				23.02	24.13	< 33.01
1910.00				22.99	24.1	< 33.01
1855.00	10	1	24	23.07	24.18	< 33.01
1882.50				23.11	24.22	< 33.01
1910.00				23.16	24.27	< 33.01
1855.00	10	1	49	22.90	24.01	< 33.01
1882.50				22.91	24.02	< 33.01
1910.00				23.05	24.16	< 33.01
1855.00	10	50	0	22.19	23.3	< 33.01
1882.50				22.19	23.3	< 33.01
1910.00				22.21	23.32	< 33.01
1857.50	15	1	0	22.91	24.02	< 33.01
1882.50				23.24	24.35	< 33.01
1907.50				23.12	24.23	< 33.01
1857.50	15	1	37	23.19	24.3	< 33.01
1882.50				23.32	24.43	< 33.01
1907.50				23.29	24.4	< 33.01
1857.50	15	1	74	22.99	24.1	< 33.01
1882.50				23.15	24.26	< 33.01
1907.50				23.25	24.36	< 33.01
1857.50	15	75	0	22.15	23.26	< 33.01
1882.50				22.23	23.34	< 33.01
1907.50				22.21	23.32	< 33.01
1860.00	20	1	0	22.80	23.91	< 33.01
1882.50				23.2	24.31	< 33.01
1905.00				23.2	24.31	< 33.01
1860.00	20	1	49	23.24	24.35	< 33.01
1882.50				23.36	24.47	< 33.01
1905.00				23.39	24.5	< 33.01
1860.00	20	1	99	22.95	24.06	< 33.01
1882.50				23.01	24.12	< 33.01
1905.00				23.22	24.33	< 33.01
1860.00	20	100	0	22.15	23.26	< 33.01
1882.50				22.22	23.33	< 33.01
1905.00				22.30	23.41	< 33.01
16QAM						
1850.70	1.4	1	0	21.91	23.02	< 33.01
1882.50				21.79	22.9	< 33.01
1914.30				21.66	22.77	< 33.01
1850.70	1.4	1	2	21.83	22.94	< 33.01
1882.50				22.00	23.11	< 33.01

1914.30				21.93	23.04	< 33.01
1850.70	1.4	1	6	21.86	22.97	< 33.01
1882.50				21.99	23.1	< 33.01
1914.30				21.76	22.87	< 33.01
1850.70	1.4	6	0	20.80	21.91	< 33.01
1882.50				20.96	22.07	< 33.01
1914.30				21.05	22.16	< 33.01
1851.50	3	1	0	21.76	22.87	< 33.01
1882.50				21.77	22.88	< 33.01
1913.50				21.67	22.78	< 33.01
1851.50	3	1	7	21.90	23.01	< 33.01
1882.50				22.09	23.2	< 33.01
1913.50				22.25	23.36	< 33.01
1851.50	3	1	14	21.85	22.96	< 33.01
1882.50				21.66	22.77	< 33.01
1913.50				21.97	23.08	< 33.01
1851.50	3	15	0	21.08	22.19	< 33.01
1882.50				21.22	22.33	< 33.01
1913.50				21.28	22.39	< 33.01
1852.50	5	1	0	21.74	22.85	< 33.01
1882.50				22.01	23.12	< 33.01
1912.50				21.95	23.06	< 33.01
1852.50	5	1	12	21.69	22.8	< 33.01
1882.50				21.63	22.74	< 33.01
1912.50				21.87	22.98	< 33.01
1852.50	5	1	24	21.98	23.09	< 33.01
1882.50				21.97	23.08	< 33.01
1912.50				22.10	23.21	< 33.01
1852.50	5	25	0	20.90	22.01	< 33.01
1882.50				21.14	22.25	< 33.01
1912.50				21.24	22.35	< 33.01
1855.00	10	1	0	21.69	22.8	< 33.01
1882.50				21.98	23.09	< 33.01
1910.00				21.79	22.9	< 33.01
1855.00	10	1	24	21.91	23.02	< 33.01
1882.50				22.05	23.16	< 33.01
1910.00				21.83	22.94	< 33.01
1855.00	10	1	49	21.80	22.91	< 33.01
1882.50				21.62	22.73	< 33.01
1910.00				21.73	22.84	< 33.01
1855.00	10	27	0	21.54	22.65	< 33.01
1882.50				21.73	22.84	< 33.01

1910.00				21.79	22.9	< 33.01
1857.50	15	1	0	21.76	22.87	< 33.01
1882.50				22.00	23.11	< 33.01
1907.50				21.65	22.76	< 33.01
1857.50	15	1	37	22.2	23.31	< 33.01
1882.50				22.18	23.29	< 33.01
1907.50				22.2	23.31	< 33.01
1857.50	15	1	74	21.74	22.85	< 33.01
1882.50				21.99	23.1	< 33.01
1907.50				21.84	22.95	< 33.01
1857.50	15	27	0	21.56	22.67	< 33.01
1882.50				21.90	23.01	< 33.01
1907.50				21.56	22.67	< 33.01
1860.00	20	1	0	21.52	22.63	< 33.01
1RR? sn				22.2	23.31	< 33.01
1905.00				21.95	23.06	< 33.01
1860.00	20	1	49	21.85	22.96	< 33.01
1882.50				21.90	23.01	< 33.01
1905.00				22.15	23.26	< 33.01
1860.00	20	1	99	21.88	22.99	< 33.01
1882.50				21.89	23	< 33.01
1905.00				22.03	23.14	< 33.01
1860.00	20	27	0	21.58	22.69	< 33.01
1882.50				21.98	23.09	< 33.01
1905.00				21.92	23.03	< 33.01

LTE Band 4/66						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power(dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1710.70	1.4	1	0	22.75	24.46	< 30.00
1745.00				22.94	24.65	< 30.00
1779.30				22.90	24.61	< 30.00
1710.70	1.4	1	2	23.14	24.85	< 30.00
1745.00				22.92	24.63	< 30.00
1779.30				22.80	24.51	< 30.00
1710.70	1.4	1	6	22.96	24.67	< 30.00
1745.00				22.79	24.5	< 30.00
1779.30				22.82	24.53	< 30.00
1710.70	1.4	6	0	22.09	23.8	< 30.00
1732.50				22.00	23.71	< 30.00

1754.30				22.12	23.83	< 30.00
1711.50	3	1	0	22.97	24.68	< 30.00
1745.00				23.04	24.75	< 30.00
1778.50				22.89	24.6	< 30.00
1711.50	3	1	7	22.97	24.68	< 30.00
1745.00				22.94	24.65	< 30.00
1778.50				23.07	24.78	< 30.00
1711.50	3	1	14	22.90	24.61	< 30.00
1745.00				22.95	24.66	< 30.00
1778.50				22.95	24.66	< 30.00
1711.50	3	15	0	22.03	23.74	< 30.00
1745.00				22.02	23.73	< 30.00
1778.50				22.14	23.85	< 30.00
1712.50	5	1	0	23.00	24.71	< 30.00
1745.00				22.88	24.59	< 30.00
1777.50				23.04	24.75	< 30.00
1712.50	5	1	12	23.05	24.76	< 30.00
1745.00				23.03	24.74	< 30.00
1777.50				22.94	24.65	< 30.00
1712.50	5	1	24	23.01	24.72	< 30.00
1745.00				23.02	24.73	< 30.00
1777.50				23.07	24.78	< 30.00
1712.50	5	25	0	22.02	23.73	< 30.00
1745.00				22.10	23.81	< 30.00
1777.50				22.02	23.73	< 30.00
1715.00	10	1	0	22.77	24.48	< 30.00
1745.00				23.01	24.72	< 30.00
1775.00				23.06	24.77	< 30.00
1715.00	10	1	24	23.08	24.79	< 30.00
1745.00				23.22	24.93	< 30.00
1775.00				23.07	24.78	< 30.00
1715.00	10	1	49	22.96	24.67	< 30.00
1745.00				22.97	24.68	< 30.00
1775.00				22.96	24.67	< 30.00
1715.00	10	50	0	22.08	23.79	< 30.00
1745.00				22.21	23.92	< 30.00
1775.00				22.14	23.85	< 30.00
1717.50	15	1	0	22.95	24.66	< 30.00
1745.00				22.93	24.64	< 30.00
1772.50				22.90	24.61	< 30.00
1717.50	15	1	37	23.33	25.04	< 30.00
1745.00				23.16	24.87	< 30.00

1772.50				23.14	24.85	< 30.00
1717.50	15	1	74	22.87	24.58	< 30.00
1745.00				23.01	24.72	< 30.00
1772.50				22.98	24.69	< 30.00
1717.50	15	75	0	22.02	23.73	< 30.00
1745.00				22.2	23.91	< 30.00
1772.50				22.18	23.89	< 30.00
1720.00	20	1	0	22.91	24.62	< 30.00
1745.00				22.98	24.69	< 30.00
1770.00				22.95	24.66	< 30.00
1720.00	20	1	49	23.28	24.99	< 30.00
1745.00				23.2	24.91	< 30.00
1770.00				23.25	24.96	< 30.00
1720.00	20	1	99	23.01	24.72	< 30.00
1745.00				23.13	24.84	< 30.00
1770.00				23.01	24.72	< 30.00
1720.00	20	100	0	22.04	23.75	< 30.00
1745.00				22.25	23.96	< 30.00
1770.00				22.13	23.84	< 30.00
16QAM						
1710.70	1.4	1	0	21.67	23.38	< 30.00
1745.00				21.49	23.2	< 30.00
1779.30				21.64	23.35	< 30.00
1710.70	1.4	1	2	21.88	23.59	< 30.00
1745.00				21.49	23.2	< 30.00
1779.30				21.76	23.47	< 30.00
1710.70	1.4	1	6	21.67	23.38	< 30.00
1745.00				21.91	23.62	< 30.00
1779.30				21.64	23.35	< 30.00
1710.70	1.4	6	0	21.03	22.74	< 30.00
1732.50				20.93	22.64	< 30.00
1754.30				20.97	22.68	< 30.00
1711.50	3	1	0	21.82	23.53	< 30.00
1745.00				21.85	23.56	< 30.00
1778.50				21.88	23.59	< 30.00
1711.50	3	1	7	21.87	23.58	< 30.00
1745.00				22.01	23.72	< 30.00
1778.50				21.76	23.47	< 30.00
1711.50	3	1	14	21.55	23.26	< 30.00
1745.00				21.83	23.54	< 30.00
1778.50				21.83	23.54	< 30.00
1711.50				21.07	22.78	< 30.00

1745.00	3	15	0	21.11	22.82	< 30.00
1778.50				20.99	22.7	< 30.00
1712.50	5	1	0	21.52	23.23	< 30.00
1745.00				22.02	23.73	< 30.00
1777.50				21.93	23.64	< 30.00
1712.50	5	1	12	21.84	23.55	< 30.00
1745.00				22.06	23.77	< 30.00
1777.50				21.93	23.64	< 30.00
1712.50	5	1	24	21.45	23.16	< 30.00
1745.00				21.94	23.65	< 30.00
1777.50				21.81	23.52	< 30.00
1712.50	5	25	0	20.93	22.64	< 30.00
1745.00				21.12	22.83	< 30.00
1777.50				21.05	22.76	< 30.00
1715.00	10	1	0	21.72	23.43	< 30.00
1745.00				22.00	23.71	< 30.00
1775.00				21.61	23.32	< 30.00
1715.00	10	1	24	21.69	23.4	< 30.00
1745.00				21.91	23.62	< 30.00
1775.00				21.72	23.43	< 30.00
1715.00	10	1	49	21.18	22.89	< 30.00
1745.00				21.86	23.57	< 30.00
1775.00				21.63	23.34	< 30.00
1715.00	10	27	0	21.77	23.48	< 30.00
1745.00				22.02	23.73	< 30.00
1775.00				21.69	23.4	< 30.00
1717.50	15	1	0	21.75	23.46	< 30.00
1745.00				21.80	23.51	< 30.00
1772.50				21.62	23.33	< 30.00
1717.50	15	1	37	22.02	23.73	< 30.00
1745.00				21.51	23.22	< 30.00
1772.50				22.21	23.92	< 30.00
1717.50	15	1	74	21.62	23.33	< 30.00
1745.00				21.93	23.64	< 30.00
1772.50				21.76	23.47	< 30.00
1717.50	15	27	0	21.78	23.49	< 30.00
1745.00				21.84	23.55	< 30.00
1772.50				21.82	23.53	< 30.00
1720.00	20	1	0	22.03	23.74	< 30.00
1745.00				22.01	23.72	< 30.00
1770.00				21.23	22.94	< 30.00
1720.00				21.74	23.45	< 30.00

1745.00	20	1	49	21.63	23.34	< 30.00
1770.00				22.10	23.81	< 30.00
1720.00	20	1	99	21.47	23.18	< 30.00
1745.00				21.57	23.28	< 30.00
1770.00				21.93	23.64	< 30.00
1720.00	20	27	0	21.68	23.39	< 30.00
1745.00				21.82	23.53	< 30.00
1770.00				21.54	23.25	< 30.00

LTE Band 5/26						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power(dBm)	ERP (dBm)	Limit (dBm)
QPSK						
824.70	1.4	1	0	22.81	19.89	< 38.45
836.50				23.21	20.29	< 38.45
848.30				22.92	20	< 38.45
824.70	1.4	1	2	23.00	20.08	< 38.45
836.50				23.15	20.23	< 38.45
848.30				22.90	19.98	< 38.45
824.70	1.4	1	6	23.02	20.1	< 38.45
836.50				23.2	20.28	< 38.45
848.30				22.86	19.94	< 38.45
824.70	1.4	6	0	22.07	19.15	< 38.45
836.50				22.12	19.2	< 38.45
848.30				21.97	19.05	< 38.45
825.50	3	1	0	22.90	19.98	< 38.45
836.50				22.95	20.03	< 38.45
846.50				22.94	20.02	< 38.45
825.50	3	1	7	23.2	20.28	< 38.45
836.50				22.82	19.9	< 38.45
846.50				23.06	20.14	< 38.45
825.50	3	1	14	22.96	20.04	< 38.45
836.50				23.05	20.13	< 38.45
846.50				22.87	19.95	< 38.45
825.50	3	15	0	22.10	19.18	< 38.45
836.50				22.13	19.21	< 38.45
846.50				22.06	19.14	< 38.45
826.50	5	1	0	22.87	19.95	< 38.45
836.50				22.95	20.03	< 38.45
846.50				23.01	20.09	< 38.45
826.50				23.16	20.24	< 38.45

836.50	5	1	12	23.05	20.13	< 38.45
846.50				23.13	20.21	< 38.45
826.50	5	1	24	22.95	20.03	< 38.45
836.50				23.09	20.17	< 38.45
846.50				22.81	19.89	< 38.45
826.50	5	25	0	22.18	19.26	< 38.45
836.50				22.14	19.22	< 38.45
846.50				22.03	19.11	< 38.45
829.00	10	1	0	22.68	19.76	< 38.45
836.50				22.91	19.99	< 38.45
844.00				22.82	19.9	< 38.45
829.00	10	1	24	23.41	20.49	< 38.45
836.50				23.33	20.41	< 38.45
844.00				23.39	20.47	< 38.45
829.00	10	1	49	22.73	19.81	< 38.45
836.50				23.10	20.18	< 38.45
844.00				22.92	20	< 38.45
829.00	10	50	0	22.24	19.32	< 38.45
836.50				22.17	19.25	< 38.45
844.00				22.10	19.18	< 38.45
821.50	15	1	0	22.89	19.97	< 38.45
836.50				22.96	20.04	< 38.45
841.50				22.97	20.05	< 38.45
821.50	15	1	37	23.37	20.45	< 38.45
836.50				23.22	20.3	< 38.45
841.50				23.21	20.29	< 38.45
821.50	15	1	74	23.10	20.18	< 38.45
836.50				22.85	19.93	< 38.45
841.50				22.85	19.93	< 38.45
821.50	15	75	0	22.15	19.23	< 38.45
836.50				22.2	19.28	< 38.45
841.50				22.14	19.22	< 38.45
16QAM						
824.70	1.4	1	0	21.70	18.78	< 38.45
836.50				20.97	18.05	< 38.45
848.30				21.64	18.72	< 38.45
824.70	1.4	1	2	21.75	18.83	< 38.45
836.50				21.47	18.55	< 38.45
848.30				21.62	18.7	< 38.45
824.70	1.4	1	6	21.73	18.81	< 38.45
836.50				21.41	18.49	< 38.45
848.30				21.61	18.69	< 38.45

824.70	1.4	6	0	21.30	18.38	< 38.45
836.50				21.34	18.42	< 38.45
848.30				21.28	18.36	< 38.45
825.50	3	1	0	21.73	18.81	< 38.45
836.50				21.80	18.88	< 38.45
846.50				21.78	18.86	< 38.45
825.50	3	1	7	*22.27*	19.35	< 38.45
836.50				22.02	19.1	< 38.45
846.50				22.13	19.21	< 38.45
825.50	3	1	14	21.90	18.98	< 38.45
836.50				21.93	19.01	< 38.45
846.50				21.75	18.83	< 38.45
825.50	3	15	0	21.13	18.21	< 38.45
836.50				21.12	18.2	< 38.45
846.50				21.09	18.17	< 38.45
826.50	5	1	0	21.88	18.96	< 38.45
836.50				21.68	18.76	< 38.45
846.50				21.89	18.97	< 38.45
826.50	5	1	12	21.56	18.64	< 38.45
836.50				22.14	19.22	< 38.45
846.50				22.12	19.2	< 38.45
826.50	5	1	24	21.27	18.35	< 38.45
836.50				21.53	18.61	< 38.45
846.50				21.82	18.9	< 38.45
826.50	5	25	0	21.22	18.3	< 38.45
836.50				21.17	18.25	< 38.45
846.50				21.07	18.15	< 38.45
829.00	10	1	0	21.47	18.55	< 38.45
836.50				21.89	18.97	< 38.45
844.00				21.65	18.73	< 38.45
829.00	10	1	24	22.04	19.12	< 38.45
836.50				21.71	18.79	< 38.45
844.00				22.12	19.2	< 38.45
829.00	10	1	49	21.42	18.5	< 38.45
836.50				21.83	18.91	< 38.45
844.00				21.65	18.73	< 38.45
829.00	10	27	0	21.59	18.67	< 38.45
836.50				21.79	18.87	< 38.45
844.00				21.63	18.71	< 38.45
821.50	15	1	0	21.82	18.9	< 38.45
836.50				21.74	18.82	< 38.45
841.50				21.75	18.83	< 38.45

821.50	15	1	37	22.06	19.14	< 38.45
836.50				22.23	19.31	< 38.45
841.50				22.29	19.37	< 38.45
821.50	15	1	74	21.76	18.84	< 38.45
836.50				21.55	18.63	< 38.45
841.50				21.60	18.68	< 38.45
821.50	15	27	0	21.59	18.67	< 38.45
836.50				21.75	18.83	< 38.45
841.50				21.63	18.71	< 38.45

LTE Band 7						
QPSK						
2502.50	5	1	0	22.49	24.31	< 33.01
2535.00				22.42	24.24	< 33.01
2567.50				22.56	24.38	< 33.01
2502.50	5	1	12	22.49	24.31	< 33.01
2535.00				22.67	24.49	< 33.01
2567.50				22.62	24.44	< 33.01
2502.50	5	1	24	22.48	24.3	< 33.01
2535.00				22.43	24.25	< 33.01
2567.50				22.56	24.38	< 33.01
2502.50	5	25	0	21.55	23.37	< 33.01
2535.00				21.61	23.43	< 33.01
2567.50				21.62	23.44	< 33.01
2505.00	10	1	0	22.74	24.56	< 33.01
2535.00				22.56	24.38	< 33.01
2565.00				22.69	24.51	< 33.01
2505.00	10	1	24	22.70	24.52	< 33.01
2535.00				22.79	24.61	< 33.01
2565.00				22.75	24.57	< 33.01
2505.00	10	1	49	22.60	24.42	< 33.01
2535.00				22.50	24.32	< 33.01
2565.00				22.68	24.5	< 33.01
2505.00	10	50	0	21.82	23.64	< 33.01
2535.00				21.78	23.6	< 33.01
2565.00				21.87	23.69	< 33.01
2507.50	15	1	0	22.87	24.69	< 33.01
2535.00				22.84	24.66	< 33.01
2562.50				22.62	24.44	< 33.01
2507.50	15	1	37	22.78	24.6	< 33.01
2535.00				22.63	24.45	< 33.01

2562.50				22.57	24.39	< 33.01
2507.50	15	1	74	22.43	24.25	< 33.01
2535.00				22.61	24.43	< 33.01
2562.50				22.89	24.71	< 33.01
2507.50	15	75	0	21.70	23.52	< 33.01
2535.00				21.71	23.53	< 33.01
2562.50				21.67	23.49	< 33.01
2510.00	20	1	0	22.63	24.45	< 33.01
2535.00				22.74	24.56	< 33.01
2560.00				22.96	24.78	< 33.01
2510.00	20	1	49	22.94	24.76	< 33.01
2535.00				22.90	24.72	< 33.01
2560.00				22.73	24.55	< 33.01
2510.00	20	1	99	22.33	24.15	< 33.01
2535.00				22.46	24.28	< 33.01
2560.00				22.83	24.65	< 33.01
2510.00	20	100	0	21.72	23.54	< 33.01
2535.00				21.87	23.69	< 33.01
2560.00				21.86	23.68	< 33.01
16QAM						
2502.50	5	1	0	21.51	23.33	< 33.01
2535.00				21.35	23.17	< 33.01
2567.50				21.33	23.15	< 33.01
2502.50	5	1	12	21.23	23.05	< 33.01
2535.00				21.37	23.19	< 33.01
2567.50				21.15	22.97	< 33.01
2502.50	5	1	24	21.45	23.27	< 33.01
2535.00				21.38	23.2	< 33.01
2567.50				21.53	23.35	< 33.01
2502.50	5	25	0	20.54	22.36	< 33.01
2535.00				20.70	22.52	< 33.01
2567.50				20.56	22.38	< 33.01
2505.00	10	1	0	21.30	23.12	< 33.01
2535.00				21.37	23.19	< 33.01
2565.00				20.98	22.8	< 33.01
2505.00	10	1	24	21.45	23.27	< 33.01
2535.00				21.32	23.14	< 33.01
2565.00				21.47	23.29	< 33.01
2505.00	10	1	49	21.06	22.88	< 33.01
2535.00				21.38	23.2	< 33.01
2565.00				21.08	22.9	< 33.01
2505.00				21.42	23.24	< 33.01

2535.00	10	27	0	21.48	23.3	< 33.01
2565.00				21.37	23.19	< 33.01
2507.50	15	1	0	21.17	22.99	< 33.01
2535.00				21.28	23.1	< 33.01
2562.50				21.27	23.09	< 33.01
2507.50	15	1	37	21.31	23.13	< 33.01
2535.00				21.76	23.58	< 33.01
2562.50				21.32	23.14	< 33.01
2507.50	15	1	74	21.27	23.09	< 33.01
2535.00				21.35	23.17	< 33.01
2562.50				21.40	23.22	< 33.01
2507.50	15	27	0	21.19	23.01	< 33.01
2535.00				21.34	23.16	< 33.01
2562.50				21.54	23.36	< 33.01
2510.00	20	1	0	21.13	22.95	< 33.01
2535.00				21.04	22.86	< 33.01
2560.00				21.07	22.89	< 33.01
2510.00	20	1	49	21.37	23.19	< 33.01
2535.00				21.39	23.21	< 33.01
2560.00				20.91	22.73	< 33.01
2510.00	20	1	99	21.25	23.07	< 33.01
2535				21.44	23.26	< 33.01
2560.00				20.84	22.66	< 33.01
2510.00	20	27	0	21.32	23.14	< 33.01
2535.00				21.33	23.15	< 33.01
2560.00				21.43	23.25	< 33.01

LTE Band 12						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power(dBm)	ERP (dBm)	Limit (dBm)
QPSK						
699.7	1.4	1	0	22.68	19.28	<44.77
707.5				22.91	19.51	<44.77
715.3				22.70	19.3	<44.77
699.7	1.4	1	2	22.81	19.41	<44.77
707.5				23.04	19.64	<44.77
715.3				22.80	19.4	<44.77
699.7	1.4	1	6	22.61	19.21	<44.77
707.5				22.89	19.49	<44.77
715.3				22.61	19.21	<44.77
699.7				21.90	18.5	<44.77

707.5	1.4	6	0	21.93	18.53	<44.77
715.3				21.97	18.57	<44.77
700.5				22.83	19.43	<44.77
707.5	3	1	0	23.02	19.62	<44.77
714.5				23.13	19.73	<44.77
700.5				22.88	19.48	<44.77
707.5	3	1	7	23.15	19.75	<44.77
714.5				23.18	19.78	<44.77
700.5				23.10	19.7	<44.77
707.5	3	1	14	23.01	19.61	<44.77
714.5				23.06	19.66	<44.77
700.5				22.10	18.7	<44.77
707.5	3	15	0	22.04	18.64	<44.77
714.5				22.11	18.71	<44.77
701.5				22.84	19.44	<44.77
707.5	5	1	0	22.91	19.51	<44.77
713.5				23.02	19.62	<44.77
701.5				22.98	19.58	<44.77
707.5	5	1	12	23.23	19.83	<44.77
713.5				23.05	19.65	<44.77
701.5				22.86	19.46	<44.77
707.5	5	1	24	22.90	19.5	<44.77
713.5				22.92	19.52	<44.77
701.5				21.91	18.51	<44.77
707.5	5	25	0	22.09	18.69	<44.77
713.5				21.95	18.55	<44.77
704.0				22.79	19.39	<44.77
707.5	10	1	0	22.74	19.34	<44.77
711.0				23.02	19.62	<44.77
704.0				22.82	19.42	<44.77
707.5	10	1	24	23.07	19.67	<44.77
711.0				22.99	19.59	<44.77
704.0				22.83	19.43	<44.77
707.5	10	1	49	23.13	19.73	<44.77
711.0				22.79	19.39	<44.77
704.0				22.07	18.67	<44.77
707.5	10	50	0	22.10	18.7	<44.77
711.0				22.08	18.68	<44.77
16QAM						
699.7				21.83	18.43	<44.77
707.5	1.4	1	0	21.43	18.03	<44.77
715.3				21.55	18.15	<44.77

699.7	1.4	1	2	21.91	18.51	<44.77
707.5				21.34	17.94	<44.77
715.3				21.28	17.88	<44.77
699.7	1.4	1	6	21.41	18.01	<44.77
707.5				21.40	18	<44.77
715.3				21.33	17.93	<44.77
699.7	1.4	6	0	21.17	17.77	<44.77
707.5				20.98	17.58	<44.77
715.3				20.98	17.58	<44.77
700.5	3	1	0	21.69	18.29	<44.77
707.5				21.72	18.32	<44.77
714.5				21.88	18.48	<44.77
700.5	3	1	7	21.86	18.46	<44.77
707.5				21.82	18.42	<44.77
714.5				21.88	18.48	<44.77
700.5	3	1	14	21.58	18.18	<44.77
707.5				21.70	18.3	<44.77
714.5				21.69	18.29	<44.77
700.5	3	15	0	21.00	17.6	<44.77
707.5				21.17	17.77	<44.77
714.5				21.07	17.67	<44.77
701.5	5	1	0	21.64	18.24	<44.77
707.5				21.69	18.29	<44.77
713.5				21.64	18.24	<44.77
701.5	5	1	12	21.66	18.26	<44.77
707.5				21.40	18	<44.77
713.5				21.68	18.28	<44.77
701.5	5	1	24	21.25	17.85	<44.77
707.5				21.64	18.24	<44.77
713.5				21.54	18.14	<44.77
701.5	5	25	0	20.79	17.39	<44.77
707.5				20.85	17.45	<44.77
713.5				20.86	17.46	<44.77
704.0	10	1	0	21.43	18.03	<44.77
707.5				21.09	17.69	<44.77
711.0				21.70	18.3	<44.77
704.0	10	1	24	21.62	18.22	<44.77
707.5				21.81	18.41	<44.77
711.0				21.79	18.39	<44.77
704.0	10	1	49	21.26	17.86	<44.77
707.5				21.2	17.8	<44.77
711.0				21.41	18.01	<44.77

704.0	10	27	0	21.13	17.73	<44.77
707.5				21.25	17.85	<44.77
711.0				21.32	17.92	<44.77

LTE Band 13						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offcet	Output Power(dBm)	ERP (dBm)	Limit (dBm)
QPSK						
779.5	5	1	0	23.19	20.56	<44.77
782.0				22.75	20.12	<44.77
784.5				22.89	20.26	<44.77
779.5	5	1	12	22.83	20.2	<44.77
782.0				22.77	20.14	<44.77
784.5				22.85	20.22	<44.77
779.5	5	1	24	22.90	20.27	<44.77
782.0				22.82	20.19	<44.77
784.5				22.94	20.31	<44.77
779.5	5	25	0	21.97	19.34	<44.77
782.0				21.87	19.24	<44.77
784.5				21.89	19.26	<44.77
782.0	10	1	0	23.01	20.38	<44.77
782.0		1	24	22.99	20.36	<44.77
782.0		1	49	22.71	20.08	<44.77
782.0		50	0	21.93	19.3	<44.77
16QAM						
779.5	5	1	0	22.09	19.46	<44.77
782.0				21.62	18.99	<44.77
784.5				21.27	18.64	<44.77
779.5	5	1	12	21.25	18.62	<44.77
782.0				21.09	18.46	<44.77
784.5				21.73	19.1	<44.77
779.5	5	1	24	21.33	18.7	<44.77
782.0				21.10	18.47	<44.77
784.5				21.76	19.13	<44.77
779.5	5	25	0	20.89	18.26	<44.77
782.0				20.89	18.26	<44.77
784.5				20.78	18.15	<44.77
782.0	10	1	0	21.81	19.18	<44.77
782.0		1	24	21.31	18.68	<44.77
782.0		1	49	21.09	18.46	<44.77
782.0		27	0	21.29	18.66	<44.77

LTE Band 26 (814 ~ 824)						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	Output Power (W)	Limit (W)
QPSK						
814.7	1.4	1	0	22.61	0.1824	<100
819.0				22.70	0.1862	<100
823.3				22.99	0.1991	<100
814.7	1.4	1	2	22.93	0.1963	<100
819.0				22.94	0.1968	<100
823.3				23.06	0.2023	<100
814.7	1.4	1	6	22.70	0.1862	<100
819.0				22.95	0.1972	<100
823.3				23.11	0.2046	<100
814.7	1.4	6	0	22.04	0.1600	<100
819.0				22.00	0.1585	<100
823.3				22.06	0.1607	<100
815.5	3	1	0	22.78	0.1897	<100
819.0				22.86	0.1932	<100
822.5				22.96	0.1977	<100
815.5	3	1	7	22.98	0.1986	<100
819.0				23.12	0.2051	<100
822.5				23.10	0.2042	<100
815.5	3	1	14	23.06	0.2023	<100
819.0				22.89	0.1945	<100
822.5				22.91	0.1954	<100
815.5	3	15	0	22.01	0.1589	<100
819.0				22.04	0.1600	<100
822.5				22.03	0.1596	<100
816.5	5	1	0	22.94	0.1968	<100
819.0				22.86	0.1932	<100
821.5				22.93	0.1963	<100
816.5	5	1	12	23.16	0.2070	<100
819.0				23.14	0.2061	<100
821.5				23.18	0.2080	<100
816.5	5	1	24	22.70	0.1862	<100
819.0				22.77	0.1892	<100
821.5				22.89	0.1945	<100
816.5	5	25	0	22.05	0.1603	<100
819.0				22.03	0.1596	<100
821.5				22.04	0.1600	<100

819.0	10	1	0	22.82	0.1914	<100
819.0	10	1	24	23.20	0.2089	<100
819.0	10	1	49	22.84	0.1923	<100
819.0	10	50	0	22.19	0.1656	<100
821.5	15	1	0	22.82	0.1914	<100
821.5	15	1	36	23.20	0.2089	<100
821.5	15	1	74	22.93	0.1963	<100
821.5	15	75	0	22.12	0.1629	<100
814.7	1.4	1	0	21.65	0.1462	<100
819.0				21.61	0.1449	<100
823.3				21.36	0.1368	<100
814.7	1.4	1	2	21.63	0.1455	<100
819.0				21.62	0.1452	<100
823.3				21.18	0.1312	<100
814.7	1.4	1	6	21.68	0.1472	<100
819.0				21.58	0.1439	<100
823.3				21.69	0.1476	<100
814.7	1.4	6	0	20.94	0.1242	<100
819.0				21.11	0.1291	<100
823.3				21.19	0.1315	<100
815.5	3	1	0	21.80	0.1514	<100
819.0				21.48	0.1406	<100
822.5				21.76	0.1500	<100
815.5	3	1	7	21.82	0.1521	<100
819.0				21.87	0.1538	<100
822.5				21.71	0.1483	<100
815.5	3	1	14	21.40	0.1380	<100
819.0				21.71	0.1483	<100
822.5				21.80	0.1514	<100
815.5	3	15	0	21.24	0.1330	<100
819.0				21.02	0.1265	<100
822.5				21.18	0.1312	<100
816.5	5	1	0	21.87	0.1538	<100
819.0				21.76	0.1500	<100
821.5				21.79	0.1510	<100
816.5	5	1	12	21.96	0.1570	<100
819.0				21.54	0.1426	<100
821.5				21.59	0.1442	<100
816.5	5	1	24	21.35	0.1365	<100
819.0				21.32	0.1355	<100
821.5				21.35	0.1365	<100
816.5				20.96	0.1247	<100

819.0	5	25	0	21.06	0.1276	<100
821.5				21.08	0.1282	<100
819.0	10	1	0	21.79	0.1510	<100
819.0	10	1	24	21.78	0.1507	<100
819.0	10	1	49	21.66	0.1466	<100
819.0	10	27	0	21.45	0.1396	<100
821.5	15	1	0	21.63	0.1455	<100
821.5	15	1	36	22.23	0.1671	<100
821.5	15	1	74	21.55	0.1429	<100
821.5	15	27	3	21.49	0.1409	<100

6.2 Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

GSM 850 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.06	-34.78	1.70	8.70	Vertical	-29.93	-13.00	16.93	15
3	2508.60	-20.86	2.30	12.00	Vertical	-13.31	-13.00	0.31	25
4	3346.40	-44.18	2.70	12.70	Vertical	-36.33	-13.00	23.33	25
5	4183.00	-28.89	3.00	12.50	Vertical	-21.54	-13.00	8.54	90
6	5019.60	-50.49	3.40	12.50	Vertical	-43.54	-13.00	30.54	154
7	5856.20	-56.06	3.40	12.80	Vertical	-48.81	-13.00	35.81	90
8	6609.00	-54.34	4.10	11.50	Vertical	-49.09	-13.00	36.09	154
9	7529.40	-54.06	4.20	12.20	Vertical	-48.21	-13.00	35.21	0
10	8366.00	-53.49	4.30	12.50	Vertical	-47.44	-13.00	34.44	96

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

GSM 1900 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.00	-49.27	2.60	12.50	Vertical	-39.37	-13.00	26.37	14
3	5640.00	-44.61	3.30	12.50	Vertical	-35.41	-13.00	22.41	25
4	7520.00	-56.79	4.20	12.20	Vertical	-48.79	-13.00	35.79	79
5	9400.00	-49.47	4.30	11.10	Vertical	-42.67	-13.00	29.67	36
6	11280.00	-53.99	5.90	11.90	Vertical	-47.99	-13.00	34.99	154
7	13160.00	-47.93	5.70	14.00	Vertical	-39.63	-13.00	26.63	48
8	15040.00	-55.98	5.80	13.10	Vertical	-48.68	-13.00	35.68	5
9	16920.00	-46.19	6.10	14.60	Vertical	-37.69	-13.00	24.69	96
10	18800.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

WCDMA Band II CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.00	-53.77	2.60	12.50	Vertical	-43.87	-13.00	30.87	48
3	5640.00	-62.21	3.30	12.50	Vertical	-53.01	-13.00	40.01	154
4	7520.00	-57.31	4.20	12.20	Vertical	-49.31	-13.00	36.31	96
5	9400.00	-54.18	4.30	11.10	Vertical	-47.38	-13.00	34.38	25
6	11280.00	-52.86	5.90	11.90	Vertical	-46.86	-13.00	33.86	96
7	13160.00	-51.97	5.70	14.00	Vertical	-43.67	-13.00	30.67	48
8	15040.00	-56.10	5.80	13.10	Vertical	-48.80	-13.00	35.80	145
9	16920.00	-52.49	6.10	14.60	Vertical	-43.99	-13.00	30.99	95
10	18800.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

WCDMA Band IV CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.20	-65.41	2.70	12.70	Vertical	-55.41	-13.00	42.41	15
3	5197.80	-66.26	3.20	12.50	Vertical	-56.96	-13.00	43.96	36
4	6930.40	-68.99	4.20	11.80	Vertical	-61.39	-13.00	48.39	95
5	8663.00	-63.97	4.40	12.50	Vertical	-55.87	-13.00	42.87	154
6	10395.60	-63.58	4.70	11.30	Vertical	-56.98	-13.00	43.98	36
7	12128.20	-62.58	5.20	13.80	Vertical	-53.98	-13.00	40.98	18
8	13860.80	-58.31	5.70	11.30	Vertical	-52.71	-13.00	39.71	301
9	15593.40	-71.72	6.10	16.80	Vertical	-61.02	-13.00	48.02	296
10	17326.00	-60.93	6.10	14.20	Vertical	-52.83	-13.00	39.83	15
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

WCDMA Band V CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1671.20	-39.67	1.70	8.70	Vertical	-34.82	-13.00	21.82	14
3	2510.40	-50.80	2.30	12.00	Vertical	-43.25	-13.00	30.25	2
4	3346.40	-57.97	2.70	12.70	Vertical	-50.12	-13.00	37.12	36
5	4183.00	-52.50	3.00	12.50	Vertical	-45.15	-13.00	32.15	78
6	5019.60	-55.08	3.40	12.50	Vertical	-48.13	-13.00	35.13	36
7	5856.20	-59.30	3.40	12.80	Vertical	-52.05	-13.00	39.05	142
8	6692.80	-56.76	4.10	11.50	Vertical	-51.51	-13.00	38.51	36
9	7529.40	-53.70	4.20	12.20	Vertical	-47.85	-13.00	34.85	258
10	8366.00	-53.81	4.30	12.50	Vertical	-47.76	-13.00	34.76	96
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 2 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3758.60	-35.40	2.60	12.50	Horizontal	-25.50	-13.00	12.50	115
3	5638.88	-38.05	3.30	12.50	Horizontal	-28.85	-13.00	15.85	62
4	7520.00	-54.74	4.20	12.20	Horizontal	-46.74	-13.00	33.74	63
5	9400.00	-44.85	4.30	11.10	Horizontal	-38.05	-13.00	25.05	20
6	11280.00	-52.83	5.90	11.90	Horizontal	-46.83	-13.00	33.83	14
7	13160.00	-37.56	5.70	14.00	Horizontal	-29.26	-13.00	16.26	52
8	15040.00	-51.98	5.80	13.10	Horizontal	-44.68	-13.00	31.68	32
9	16920.00	-40.00	6.10	14.60	Horizontal	-31.50	-13.00	18.50	0
10	18800.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 2 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.63	-36.40	2.60	12.50	Horizontal	-26.50	-13.00	13.50	65
3	5633.63	-37.46	3.30	12.50	Horizontal	-28.26	-13.00	15.26	20
4	7510.00	-53.99	4.20	12.20	Horizontal	-45.99	-13.00	32.99	315
5	9387.50	-44.46	4.30	11.10	Horizontal	-37.66	-13.00	24.66	2
6	11265.00	-51.77	5.90	11.90	Horizontal	-45.77	-13.00	32.77	0
7	13142.00	-36.09	5.70	14.00	Horizontal	-27.79	-13.00	14.79	2
8	15020.00	-49.61	5.80	13.10	Horizontal	-42.31	-13.00	29.31	63
9	16897.50	-38.52	6.10	14.60	Horizontal	-30.02	-13.00	17.02	52
10	18800.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3742.13	-42.81	2.60	12.50	Horizontal	-32.91	-13.00	19.91	32
3	5613.38	-39.18	3.30	12.50	Horizontal	-29.98	-13.00	16.98	0
4	7484.63	-55.99	4.20	12.20	Horizontal	-47.99	-13.00	34.99	14
5	9355.33	-43.56	4.30	11.10	Horizontal	-36.76	-13.00	23.76	25
6	11226.39	-55.14	5.90	11.90	Horizontal	-49.14	-13.00	36.14	95
7	13097.46	-42.66	5.70	14.00	Horizontal	-34.36	-13.00	21.36	3
8	14968.52	-52.02	5.80	13.10	Horizontal	-44.72	-13.00	31.72	32
9	16938.59	-45.58	6.10	14.60	Horizontal	-37.08	-13.00	24.08	55
10	18800.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 4 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3464.25	-60.27	2.70	12.70	Horizontal	-50.27	-13.00	37.27	123
3	5197.50	-62.53	3.20	12.50	Horizontal	-53.23	-13.00	40.23	32
4	6930.00	-68.07	4.20	11.80	Horizontal	-60.47	-13.00	47.47	52
5	8662.50	-63.36	4.40	12.50	Horizontal	-55.26	-13.00	42.26	63
6	10395.00	-63.47	4.70	11.30	Horizontal	-56.87	-13.00	43.87	41
7	12127.50	-62.15	5.20	13.80	Horizontal	-53.55	-13.00	40.55	2
8	13860.00	-58.64	5.70	11.30	Horizontal	-53.04	-13.00	40.04	0
9	15592.50	-71.66	6.10	16.80	Horizontal	-60.96	-13.00	47.96	0
10	17325.00	-60.76	6.10	14.20	Horizontal	-52.66	-13.00	39.66	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 4 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.50	-59.15	2.70	12.70	Horizontal	-49.15	-13.00	36.15	21
3	5191.50	-63.44	3.20	12.50	Horizontal	-54.14	-13.00	41.14	32
4	6930.00	-68.14	4.20	11.80	Horizontal	-60.54	-13.00	47.54	88
5	8662.50	-62.55	4.40	12.50	Horizontal	-54.45	-13.00	41.45	32
6	10380.00	-63.17	4.70	11.30	Horizontal	-56.57	-13.00	43.57	0
7	12110.00	-62.50	5.20	13.80	Horizontal	-53.90	-13.00	40.90	0
8	13840.00	-58.13	5.70	11.30	Horizontal	-52.53	-13.00	39.53	1
9	15570.00	-71.85	6.10	16.80	Horizontal	-61.15	-13.00	48.15	23
10	17300.00	-60.01	6.10	14.20	Horizontal	-51.91	-13.00	38.91	1

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 4 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3447.75	-59.28	2.70	12.70	Horizontal	-49.28	-13.00	36.28	4
3	5170.88	-65.17	3.20	12.50	Horizontal	-55.87	-13.00	42.87	23
4	6930.00	-68.12	4.20	11.80	Horizontal	-60.52	-13.00	47.52	96
5	8662.50	-62.68	4.40	12.50	Horizontal	-54.58	-13.00	41.58	55
6	10395.00	-63.23	4.70	11.30	Horizontal	-56.63	-13.00	43.63	2
7	12127.50	-62.48	5.20	13.80	Horizontal	-53.88	-13.00	40.88	3
8	13860.00	-57.62	5.70	11.30	Horizontal	-52.02	-13.00	39.02	32
9	15592.50	-71.24	6.10	16.80	Horizontal	-60.54	-13.00	47.54	14
10	17325.00	-60.32	6.10	14.20	Horizontal	-52.22	-13.00	39.22	20

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 5 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-47.54	1.70	8.70	Horizontal	-42.69	-13.00	29.69	32
3	2509.50	-43.76	2.30	12.00	Horizontal	-36.21	-13.00	23.21	2
4	3346.00	-65.60	2.70	12.70	Horizontal	-57.75	-13.00	44.75	123
5	4182.50	-60.37	3.00	12.50	Horizontal	-53.02	-13.00	40.02	0
6	5019.00	-58.90	3.40	12.50	Horizontal	-51.95	-13.00	38.95	32
7	5855.50	-59.80	3.40	12.80	Horizontal	-52.55	-13.00	39.55	0
8	6692.00	-57.08	4.10	11.50	Horizontal	-51.83	-13.00	38.83	3
9	7528.50	-54.13	4.20	12.20	Horizontal	-48.28	-13.00	35.28	8
10	8365.00	-53.95	4.30	12.50	Horizontal	-47.90	-13.00	34.90	221
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 5 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.60	-48.25	1.70	8.70	Horizontal	-43.40	-13.00	30.40	0
3	2503.30	-46.89	2.30	12.00	Horizontal	-39.34	-13.00	26.34	23
4	3337.50	-66.51	2.70	12.70	Horizontal	-58.66	-13.00	45.66	15
5	4171.88	-61.12	3.00	12.50	Horizontal	-53.77	-13.00	40.77	32
6	5006.25	-58.76	3.40	12.50	Horizontal	-51.81	-13.00	38.81	0
7	5840.63	-60.81	3.40	12.80	Horizontal	-53.56	-13.00	40.56	5
8	6675.00	-57.54	4.10	11.50	Horizontal	-52.29	-13.00	39.29	6
9	7509.38	-54.02	4.20	12.20	Horizontal	-48.17	-13.00	35.17	32
10	8343.75	-54.69	4.30	12.50	Horizontal	-48.64	-13.00	35.64	1
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 5 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1664.40	-54.83	1.70	8.70	Horizontal	-49.98	-13.00	36.98	174
3	2496.60	-47.87	2.30	12.00	Horizontal	-40.32	-13.00	27.32	23
4	3326.00	-66.39	2.70	12.70	Horizontal	-58.54	-13.00	45.54	52
5	4157.50	-62.16	3.00	12.50	Horizontal	-54.81	-13.00	41.81	30
6	4989.00	-59.78	3.40	12.50	Horizontal	-52.83	-13.00	39.83	14
7	5820.50	-59.87	3.40	12.80	Horizontal	-52.62	-13.00	39.62	3
8	6652.00	-56.88	4.10	11.50	Horizontal	-51.63	-13.00	38.63	0
9	7483.50	-54.01	4.20	12.20	Horizontal	-48.16	-13.00	35.16	21
10	8315.00	-54.27	4.30	12.50	Horizontal	-48.22	-13.00	35.22	25

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5052.20	-42.08	3.40	12.50	Horizontal	-32.98	-25.00	7.98	96
3	7578.30	-50.42	4.40	12.20	Horizontal	-42.62	-25.00	17.62	78
4	10104.40	-54.60	4.70	11.30	Horizontal	-48.00	-25.00	23.00	14
5	12630.50	-47.03	5.40	13.20	Horizontal	-39.23	-25.00	14.23	253
6	15156.60	-58.14	6.10	13.10	Horizontal	-51.14	-25.00	26.14	23
7	17745.00	-51.38	6.10	14.20	Horizontal	-43.28	-25.00	18.28	11
8	20208.80	--	--	--	--	--	--	--	--
9	22734.90	--	--	--	--	--	--	--	--
10	25261.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5065.80	-40.23	3.40	12.50	Horizontal	-31.13	-25.00	6.13	186
3	7598.60	-58.23	4.40	12.20	Horizontal	-50.43	-25.00	25.43	32
4	10130.63	-56.29	4.70	11.30	Horizontal	-49.69	-25.00	24.69	75
5	12675.00	-53.88	5.40	13.20	Horizontal	-46.08	-25.00	21.08	4
6	15210.00	-57.63	6.10	13.10	Horizontal	-50.63	-25.00	25.63	213
7	17745.00	-54.68	6.10	14.20	Horizontal	-46.58	-25.00	21.58	14
8	20280.00	--	--	--	--	--	--	--	--
9	22815.00	--	--	--	--	--	--	--	--
10	25350.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 12 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1413.60	-59.03	1.70	8.70	Horizontal	-54.18	-13.00	41.18	32
3	2120.40	-67.10	2.10	11.10	Horizontal	-60.25	-13.00	47.25	0
4	2827.20	-71.47	2.30	13.10	Horizontal	-62.82	-13.00	49.82	5
5	3537.50	-64.43	2.60	12.70	Horizontal	-56.48	-13.00	43.48	3
6	4245.00	-60.57	3.30	12.50	Horizontal	-53.52	-13.00	40.52	0
7	4952.50	-60.20	3.40	12.50	Horizontal	-53.25	-13.00	40.25	21
8	5660.00	-60.44	3.30	12.50	Horizontal	-53.39	-13.00	40.39	2
9	6367.50	-57.97	3.80	11.50	Horizontal	-52.42	-13.00	39.42	175
10	7075.00	-57.79	4.20	11.80	Horizontal	-52.34	-13.00	39.34	36

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 12 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.60	-56.59	1.70	8.70	Horizontal	-51.74	-13.00	38.74	6
3	2115.90	-70.08	2.10	11.10	Horizontal	-63.23	-13.00	50.23	32
4	2820.00	-71.30	2.30	13.10	Horizontal	-62.65	-13.00	49.65	1
5	3525.00	-64.52	2.60	12.70	Horizontal	-56.57	-13.00	43.57	14
6	4230.00	-61.22	3.30	12.50	Horizontal	-54.17	-13.00	41.17	89
7	4935.00	-59.99	3.40	12.50	Horizontal	-53.04	-13.00	40.04	4
8	5640.00	-60.56	3.30	12.50	Horizontal	-53.51	-13.00	40.51	1
9	6345.00	-58.55	3.80	11.50	Horizontal	-53.00	-13.00	40.00	253
10	7050.00	-58.16	4.20	11.80	Horizontal	-52.71	-13.00	39.71	14

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 12 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1405.00	-53.82	1.70	8.70	Horizontal	-48.97	-13.00	35.97	52
3	2107.50	-70.50	2.10	11.10	Horizontal	-63.65	-13.00	50.65	30
4	2810.00	-69.36	2.30	13.10	Horizontal	-60.71	-13.00	47.71	14
5	3512.50	-64.99	2.60	12.70	Horizontal	-57.04	-13.00	44.04	0
6	4215.00	-60.71	3.30	12.50	Horizontal	-53.66	-13.00	40.66	278
7	4917.50	-60.51	3.40	12.50	Horizontal	-53.56	-13.00	40.56	36
8	5620.00	-60.58	3.30	12.50	Horizontal	-53.53	-13.00	40.53	75
9	6322.50	-58.28	3.80	11.50	Horizontal	-52.73	-13.00	39.73	1
10	7025.00	-59.04	4.20	11.80	Horizontal	-53.59	-13.00	40.59	42

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 13 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1559.66	-75.48	1.70	8.70	Horizontal	-68.48	-40.00	28.48	65
3	2339.58	-63.23	2.10	12.00	Horizontal	-55.48	-13.00	42.48	20
4	3118.00	-65.97	2.30	13.10	Horizontal	-57.32	-13.00	44.32	85
5	3897.50	-61.59	2.90	12.50	Horizontal	-54.14	-13.00	41.14	32
6	4677.00	-60.28	3.10	12.50	Horizontal	-53.03	-13.00	40.03	15
7	5456.50	-59.81	3.30	12.50	Horizontal	-52.76	-13.00	39.76	20
8	6236.00	-59.75	3.50	12.80	Horizontal	-52.60	-13.00	39.60	32
9	7015.50	-58.61	4.20	11.80	Horizontal	-53.16	-13.00	40.16	65
10	7795.00	-54.00	4.40	12.30	Horizontal	-48.25	-13.00	35.25	214

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 13 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1560.52	-83.64	1.70	8.70	Horizontal	-76.64	-40.00	36.64	10
3	2332.80	-63.09	2.10	12.00	Horizontal	-55.34	-13.00	42.34	20
4	3108.00	-66.95	2.30	13.10	Horizontal	-58.30	-13.00	45.30	20
5	3885.00	-62.42	2.90	12.50	Horizontal	-54.97	-13.00	41.97	32
6	4662.00	-60.87	3.10	12.50	Horizontal	-53.62	-13.00	40.62	95
7	5439.00	-58.80	3.30	12.50	Horizontal	-51.75	-13.00	38.75	63
8	6216.00	-60.26	3.50	12.80	Horizontal	-53.11	-13.00	40.11	14
9	6993.00	-58.12	4.20	11.80	Horizontal	-52.67	-13.00	39.67	0
10	7770.00	-55.25	4.40	12.30	Horizontal	-49.50	-13.00	36.50	315

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 25 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3764.60	-47.72	2.60	12.50	Horizontal	-37.82	-13.00	24.82	189
3	5646.20	-51.22	3.30	12.50	Horizontal	-42.02	-13.00	29.02	76
4	7528.00	-55.28	4.20	12.20	Horizontal	-47.28	-13.00	34.28	40
5	9408.40	-54.83	4.30	11.10	Horizontal	-48.03	-13.00	35.03	275
6	11290.60	-53.82	5.90	11.90	Horizontal	-47.82	-13.00	34.82	263
7	13172.80	-52.13	5.70	14.00	Horizontal	-43.83	-13.00	30.83	101
8	15057.80	-55.47	5.80	13.10	Horizontal	-48.17	-13.00	35.17	2
9	16935.80	-52.68	6.10	14.60	Horizontal	-44.18	-13.00	31.18	251
10	18825.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 25 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.80	-47.35	2.60	12.50	Horizontal	-37.45	-13.00	24.45	31
3	5641.20	-46.93	3.30	12.50	Horizontal	-37.73	-13.00	24.73	64
4	7530.00	-53.17	4.20	12.20	Horizontal	-45.17	-13.00	32.17	215
5	9412.50	-54.69	4.30	11.10	Horizontal	-47.89	-13.00	34.89	255
6	11295.00	-52.65	5.90	11.90	Horizontal	-46.65	-13.00	33.65	197
7	13177.50	-52.57	5.70	14.00	Horizontal	-44.27	-13.00	31.27	182
8	15060.00	-56.12	5.80	13.10	Horizontal	-48.82	-13.00	35.82	3
9	16942.50	-51.44	6.10	14.60	Horizontal	-42.94	-13.00	29.94	85
10	18825.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 25 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3745.00	-46.65	2.60	12.50	Horizontal	-36.75	-13.00	23.75	85
3	5620.90	-48.63	3.30	12.50	Horizontal	-39.43	-13.00	26.43	197
4	7490.60	-56.61	4.20	12.20	Horizontal	-48.61	-13.00	35.61	84
5	9361.20	-54.08	4.30	11.10	Horizontal	-47.28	-13.00	34.28	295
6	11236.20	-54.39	5.90	11.90	Horizontal	-48.39	-13.00	35.39	0
7	13106.80	-52.81	5.70	14.00	Horizontal	-44.51	-13.00	31.51	309
8	14982.20	-56.14	5.80	13.10	Horizontal	-48.84	-13.00	35.84	295
9	16849.60	-51.72	6.10	14.60	Horizontal	-43.22	-13.00	30.22	77
10	18740.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 26 (824-849MHz) 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-54.70	1.70	8.70	Horizontal	-49.85	-13.00	36.85	142
3	2509.50	-45.29	2.30	12.00	Horizontal	-37.74	-13.00	24.74	2
4	3346.00	-63.89	2.70	12.70	Horizontal	-56.04	-13.00	43.04	178
5	4182.50	-59.72	3.00	12.50	Horizontal	-52.37	-13.00	39.37	58
6	5019.00	-59.26	3.40	12.50	Horizontal	-52.31	-13.00	39.31	26
7	5855.50	-60.27	3.40	12.80	Horizontal	-53.02	-13.00	40.02	175
8	6692.00	-57.87	4.10	11.50	Horizontal	-52.62	-13.00	39.62	2
9	7528.50	-54.62	4.20	12.20	Horizontal	-48.77	-13.00	35.77	36
10	8365.00	-54.77	4.30	12.50	Horizontal	-48.72	-13.00	35.72	75

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 26 (824-849MHz) 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.00	-48.92	1.70	8.70	Horizontal	-44.07	-13.00	31.07	33
3	2502.00	-45.70	2.30	12.00	Horizontal	-38.15	-13.00	25.15	145
4	3336.00	-66.16	2.70	12.70	Horizontal	-58.31	-13.00	45.31	69
5	4170.00	-60.97	3.00	12.50	Horizontal	-53.62	-13.00	40.62	178
6	5004.00	-59.13	3.40	12.50	Horizontal	-52.18	-13.00	39.18	68
7	5838.00	-60.39	3.40	12.80	Horizontal	-53.14	-13.00	40.14	69
8	6672.00	-57.94	4.10	11.50	Horizontal	-52.69	-13.00	39.69	14
9	7506.00	-54.21	4.20	12.20	Horizontal	-48.36	-13.00	35.36	2
10	8340.00	-54.34	4.30	12.50	Horizontal	-48.29	-13.00	35.29	36
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 (824-849MHz) 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1658.00	-50.73	1.70	8.70	Horizontal	-45.88	-13.00	32.88	36
3	2487.00	-45.64	2.30	12.00	Horizontal	-38.09	-13.00	25.09	25
4	3316.00	-66.63	2.70	12.70	Horizontal	-58.78	-13.00	45.78	76
5	4145.00	-62.02	3.00	12.50	Horizontal	-54.67	-13.00	41.67	41
6	4974.00	-60.15	3.40	12.50	Horizontal	-53.20	-13.00	40.20	263
7	5803.00	-60.62	3.40	12.80	Horizontal	-53.37	-13.00	40.37	2
8	6632.00	-58.30	4.10	11.50	Horizontal	-53.05	-13.00	40.05	86
9	7461.00	-53.29	4.20	12.20	Horizontal	-47.44	-13.00	34.44	8
10	8290.00	-54.33	4.30	12.50	Horizontal	-48.28	-13.00	35.28	69
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 (814-824MHz) 1.4MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1636.60	-56.97	1.70	8.70	Horizontal	-52.12	-13.00	39.12	14
3	2454.90	-47.10	2.30	12.00	Horizontal	-39.55	-13.00	26.55	96
4	3273.20	-64.89	2.20	13.10	Horizontal	-56.14	-13.00	43.14	253
5	4091.50	-62.37	3.00	12.50	Horizontal	-55.02	-13.00	42.02	2
6	4909.80	-60.34	3.10	12.50	Horizontal	-53.09	-13.00	40.09	14
7	5728.10	-59.72	3.40	12.50	Horizontal	-52.77	-13.00	39.77	78
8	6546.40	-58.66	3.80	11.50	Horizontal	-53.11	-13.00	40.11	69
9	7364.70	-53.61	4.20	12.20	Horizontal	-47.76	-13.00	34.76	3
10	8183.00	-53.07	4.30	12.30	Horizontal	-47.22	-13.00	34.22	14
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 (814-824MHz) 5MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1633.00	-57.94	1.70	8.70	Horizontal	-53.09	-13.00	40.09	36
3	2449.50	-47.39	2.30	12.00	Horizontal	-39.84	-13.00	26.84	2
4	3266.00	-66.91	2.20	13.10	Horizontal	-58.16	-13.00	45.16	215
5	4082.50	-62.93	3.00	12.50	Horizontal	-55.58	-13.00	42.58	36
6	4899.00	-59.36	3.10	12.50	Horizontal	-52.11	-13.00	39.11	75
7	5715.50	-60.31	3.40	12.50	Horizontal	-53.36	-13.00	40.36	114
8	6532.00	-58.77	3.80	11.50	Horizontal	-53.22	-13.00	40.22	36
9	7348.50	-54.66	4.20	12.20	Horizontal	-48.81	-13.00	35.81	14
10	8165.00	-52.81	4.30	12.30	Horizontal	-46.96	-13.00	33.96	36
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 (814-824MHz) 10MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1628.00	-64.40	1.70	8.70	Horizontal	-59.55	-13.00	46.55	256
3	2442.00	-46.44	2.30	12.00	Horizontal	-38.89	-13.00	25.89	14
4	3256.00	-67.04	2.20	13.10	Horizontal	-58.29	-13.00	45.29	35
5	4070.00	-62.81	3.00	12.50	Horizontal	-55.46	-13.00	42.46	95
6	4884.00	-60.49	3.10	12.50	Horizontal	-53.24	-13.00	40.24	36
7	5698.00	-60.34	3.40	12.50	Horizontal	-53.39	-13.00	40.39	25
8	6512.00	-59.02	3.80	11.50	Horizontal	-53.47	-13.00	40.47	114
9	7326.00	-55.01	4.20	12.20	Horizontal	-49.16	-13.00	36.16	11
10	8140.00	-52.56	4.30	12.30	Horizontal	-46.71	-13.00	33.71	36

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 66 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3485.00	-60.40	2.70	12.70	Horizontal	-50.40	-13.00	37.40	6
3	5236.00	-60.43	3.20	12.50	Horizontal	-51.13	-13.00	38.13	154
4	6984.00	-68.63	4.20	11.80	Horizontal	-61.03	-13.00	48.03	96
5	8735.00	-63.09	4.40	12.50	Horizontal	-54.99	-13.00	41.99	36
6	10496.00	-64.33	4.70	11.80	Horizontal	-57.23	-13.00	44.23	25
7	12312.00	-63.18	5.20	13.80	Horizontal	-54.58	-13.00	41.58	154
8	13921.00	-61.18	5.70	13.20	Horizontal	-53.68	-13.00	40.68	38
9	15697.00	-72.87	6.10	16.80	Horizontal	-62.17	-13.00	49.17	48
10	17398.52	-63.06	6.10	14.20	Horizontal	-54.96	-13.00	41.96	25

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 66 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3486.00	-58.51	2.70	12.70	Horizontal	-48.51	-13.00	35.51	96
3	5229.00	-59.90	3.20	12.50	Horizontal	-50.60	-13.00	37.60	36
4	6972.00	-69.49	4.20	11.80	Horizontal	-61.89	-13.00	48.89	154
5	8715.00	-63.03	4.40	12.50	Horizontal	-54.93	-13.00	41.93	25
6	10458.00	-64.40	4.70	11.80	Horizontal	-57.30	-13.00	44.30	3
7	12201.00	-63.63	5.20	13.80	Horizontal	-55.03	-13.00	42.03	154
8	13944.00	-61.68	5.70	13.20	Horizontal	-54.18	-13.00	41.18	36
9	15687.00	-73.32	6.10	16.80	Horizontal	-62.62	-13.00	49.62	95
10	17430.00	-62.96	6.10	14.20	Horizontal	-54.86	-13.00	41.86	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 66 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3472.88	-60.74	2.70	12.70	Horizontal	-50.74	-13.00	37.74	114
3	5209.00	-64.06	3.20	12.50	Horizontal	-54.76	-13.00	41.76	34
4	6945.75	-69.29	4.20	11.80	Horizontal	-61.69	-13.00	48.69	96
5	8682.00	-64.05	4.40	12.50	Horizontal	-55.95	-13.00	42.95	36
6	10418.63	-63.30	4.70	11.80	Horizontal	-56.20	-13.00	43.20	145
7	12455.00	-63.87	5.20	13.80	Horizontal	-55.27	-13.00	42.27	36
8	13891.50	-61.07	5.70	13.20	Horizontal	-53.57	-13.00	40.57	25
9	15627.00	-72.52	6.10	16.80	Horizontal	-61.82	-13.00	48.82	14
10	17364.38	-62.52	6.10	14.20	Horizontal	-54.42	-13.00	41.42	251

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

7 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
EMI Test Receiver	R&S	ESCI3	100948	2024-05-07	2025-05-06
Signal Analyzer	R&S	FSV40	101186	2024-05-07	2025-05-06
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13
Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2024-07-18	2027-07-17
Amplifier	MWPA.CN	MWLA-010200 G40	YQ2103039B01	2024-05-07	2025-05-06
Software	R&S	EMC32	9.26.01	/	/

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.

******** END OF REPORT ********