

TEST REPORT

Applicant: FJ Dynamics Co.,Ltd

Address: Floor 21,Das Tower,No.28,1st South Keji Road,High-tech
Zone,Yuehai Subdistrict,Nanshan District,Shenzhen,China

Product Name: GNSS Receiver

FCC ID: 2A2LL-V10L

Standard(s): 47 CFR Part 2, 47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27
47 CFR Part 90
ANSI C63.26-2015

Report Number: 2602P06299E-RF-00F

Report Date: 2026/6/3

The above device has been tested and found compliant with the requirement of the relevant standards by Bay Area Compliance Laboratories Corp. (Dongguan).

Alice Tan

Reviewed By: Alice Tan

Title: RF Engineer

Pedro Yun

Approved By: Pedro Yun

Title: RF Supervisor

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China

Tel: +86-769-86858888

Fax: +86-769-86858891

www.baclcorp.com.cn

Note: The information marked ▲ is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report cannot be reproduced except in full, without prior written approval of the Company. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. This report may contain data that are not covered by the accreditation scope and shall be marked with ★. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Each test item follows the test standard(s) without deviation.

CONTENTS

DOCUMENT REVISION HISTORY	3
1. GENERAL INFORMATION	4
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	4
1.2 ACCESSORY INFORMATION	4
1.3 OPERATION VOLTAGE (V_{DC}) [▲]	4
1.4 TRANSMISSION ANTENNA INFORMATION [▲]	5
1.5 EQUIPMENT MODIFICATIONS	5
2. SUMMARY OF TEST RESULTS	6
3. DESCRIPTION OF TEST CONFIGURATION	8
3.1 EUT OPERATION CONDITION:	8
3.2 SUPPORT EQUIPMENT LIST AND DETAILS	14
3.3 SUPPORT CABLE LIST AND DETAILS	15
3.4 BLOCK DIAGRAM OF TEST SETUP	15
3.5 TEST FACILITY	17
3.6 MEASUREMENT UNCERTAINTY	17
4. REQUIREMENTS AND TEST PROCEDURES	18
4.1 TRANSMITTER OUTPUT POWER AND EQUIVALENT RADIATED POWER:	18
4.1.1 Applicable Standard	18
4.1.2 Test Setup Block	19
4.1.3 Test Procedure	20
4.1.4 Test Results	20
4.2 TRANSMITTER UNWANTED EMISSIONS-RADIATED SPURIOUS EMISSIONS:	21
4.2.1 Applicable Standard	21
4.2.2 Test setup	24
4.2.3 Test Procedure	25
4.2.4 Test Results	25
5. TEST DATA AND RESULTS	26
5.1 SPOT CHECK WITH MAXIMUM CONDUCTED OUTPUT POWER	26
5.2 EIRP/ERP CALCULATED AND RESULTS	28
5.3 RADIATED SPURIOUS EMISSIONS	34
EXHIBIT A - EUT PHOTOGRAPHS	55
EXHIBIT B - TEST SETUP PHOTOGRAPHS	56

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2602P06299E-RF-00F	Original Report	2026/6/3

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	GNSS Receiver
EUT Model:	V10L
Operation Bands and modes:	GPRS/EDGE: 850/1900 WCDMA: Band 2/4/5 LTE: Band2/4/5/7/12/13/14/17/25/26/38/41/66/71
Modulation Type:	GMSK, BPSK, 8PSK, QPSK, 16QAM
Rated Input Voltage:	DC 9~32V, Typical: DC 12V from AC/DC Adapter; or DC 7.27V from Built-in Battery
Serial Number:	RE Test:3GPB-3 RF Conducted Test:3GPB-2
EUT Received Date:	2026/2/2
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	HUIZHOU FUJIA APPLIANCE TECH CO., LTD.	FJ-GN236CN	Input: 100-240Vac~50/60Hz ,1.2A Max Output: DC 5V/3.0A,9V/3.0A,12V/3.0A,15V/2.4A, 20V/1.8A 36.0W MAX

1.3 Operation Voltage (V_{DC})[▲]

Lowest:	6.8	Normal:	7.27	Highest:	7.4
---------	-----	---------	------	----------	-----

1.4 Transmission Antenna Information[^]

Antenna Type	Operation Bands	Antenna Frequency Range (MHz)	Antenna Gain(G _T) (dBi)	L _c (dB)
PIFA	GSM850	824-849	3.81	0
	PCS1900	1850-1910	-0.11	0
	WCDMA B2	1850-1910	-0.11	0
	WCDMA B4	1710-1755	1.65	0
	WCDMA B5	824-849	3.81	0
	LTE B2	1850-1910	-0.11	0
	LTE B4	1710-1755	1.65	0
	LTE B5	824-849	3.81	0
	LTE B7	2500-2570	3.01	0
	LTE B12	699-716	-1.41	0
	LTE B13	777-787	2.7	0
	LTE B14	788-798	2.7	0
	LTE B17	704-716	-1.41	0
	LTE B25	1850-1915	-0.11	0
	LTE B26	814-849	3.81	0
	LTE B38	2570-2620	3.45	0
	LTE B41	2496-2690	3.45	0
	LTE B66	1710-1780	1.65	0
	LTE B71	663-698	-4.12	0
Note: Lc= Signal Attenuation in the connecting cable between the transmitter and antenna, in dB.				

1.5 Equipment Modifications

No modifications are made to the EUT during all test items.

2. SUMMARY OF TEST RESULTS

Rules	Description of Test	Result	Note:
FCC§2.1046; §22.913; § 24.232; §27.50; §90.635	RF Output Power	Reporting	The test result please refer to report SEWA2307000102RG01 [▲] Appendix B.1 page 2-10 & Appendix B.2 page 2-8& Appendix B.3 page 2-10& Appendix B.4 page 2-10& Appendix B.5 page 2-9& Appendix B.6 page 2-9& Appendix B.7 page 2-9& Appendix B.8 page 2-5& Appendix B.9 page 2-5& Appendix B.10 page 2-7& Appendix B.11 page 2-10& Appendix B.12 page 2-6& Appendix B.13 page 2-9& Appendix B.14 page 2-9& Appendix B.15 page 2-9& Appendix B.16 page 2-10& Appendix B.17 page 2-9
FCC§ 2.1047	Modulation Characteristics	Not Applicable	/
FCC§2.1049; §22.905, §22.917; §24.238; §27.53; §90.209	Occupied Bandwidth	Note*	The test result please refer to report SEWA2307000102RG01 [▲] Appendix B.1 page 11-17 & Appendix B.2 page 9-14& Appendix B.3 page 11-17& Appendix B.4 page 11-17& Appendix B.5 page 10-14& Appendix B.6 page 10-14& Appendix B.7 page 10-14& Appendix B.8 page 6-8& Appendix B.9 page 6-8& Appendix B.10 page 8-10& Appendix B.11 page 11-17& Appendix B.12 page 7-11& Appendix B.13 page 10-15& Appendix B.14 page 10-14& Appendix B.15 page 10-14& Appendix B.16 page 11-17& Appendix B.17 page 10-14
FCC§2.1051; §22.917; §24.238; §27.53; §90.691	Spurious Emissions at Antenna Terminal	Note*	The test result please refer to report SEWA2307000102RG01 [▲] Appendix B.1 page 22-48 & Appendix B.2 page 18-35& Appendix B.3 page 30-35& Appendix B.4 page 30-35& Appendix B.5 page 23-28& Appendix B.6 page 23-30& Appendix B.7 page 23-28& Appendix B.8 page 13-14& Appendix B.9 page 17-18& Appendix B.10 page 15-20& Appendix B.11 page 30-35& Appendix B.12 page 20-21& Appendix B.13 page 26-31& Appendix B.14 page 23-30& Appendix B.15 page 23-30& Appendix B.16 page 30-35& Appendix B.17 page 23-28
FCC§22.917; §24.238; §27.53; §90.691	Out of band emission, Band Edge	Note*	The test result please refer to report SEWA2307000102RG01 [▲] Appendix B.1 page 18-21 & Appendix B.2 page 10-17& Appendix B.3 page 18-29& Appendix B.4 page 18-29& Appendix B.5 page 15-22& Appendix B.6 page 15-22& Appendix B.7 page 15-22& Appendix B.8 page 9-12& Appendix B.9 page 9-16& Appendix B.10 page 11-14& Appendix B.11 page 18-29& Appendix B.12 page 12-19& Appendix B.13 page 16-25& Appendix B.14 page 15-22& Appendix B.15 page 15-22& Appendix B.16 page 18-29& Appendix B.17 page 15-22
FCC§2.1055; §22.355; §24.235; §90.213	Frequency stability vs. temperature Frequency stability vs. voltage	Note*	The test result please refer to report SEWA2307000102RG01 [▲] Appendix B.1 page 55-57 & Appendix B.2 page 45-46& Appendix B.3 page 39& Appendix B.4 page 39& Appendix B.5 page 32& Appendix B.6 page 34& Appendix B.7 page 32& Appendix B.8 page 19& Appendix B.9 page 23& Appendix B.10 page 24& Appendix B.11 page 39& Appendix B.12 page 23& Appendix B.13 page 35& Appendix B.14 page 34& Appendix B.15 page 34& Appendix B.16 page 39& Appendix B.17 page 32

FCC§2.1053,§22.917; §24.238; §27.53; §90.691	Radiated Spurious Emission	Compliant	/
--	-------------------------------	-----------	---

Note*: The device built in a certified module, model: SC206E-GL, FCC ID: XMR2023SC206EGL, the certified module base on an original module, FCC ID: XMR2023SC200EGL, per spot check, the RF parameters are identical with the original module report, therefore, the RF conducted test items please refer to the module report: SEWA2307000102RG01[▲], which was issued by SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. on 2023/10/26. (according to KDB 996369 D02 Module Q&A v02r02, Answer 1 b))

The Bay Area Compliance Laboratories Corp.(Dongguan) is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report.

3. DESCRIPTION OF TEST CONFIGURATION

3.1 EUT Operation Condition:

The EUT was configured for testing according to ANSI C63.26-2015.

The test items were performed with the EUT operating at testing mode. The device operates on GSM 850/1900, WCDMA Band 2/4/5, and LTE band 2/4/5/7/12/13/14/17/25/26/38/41/66/71, test was performed with channels as below table:

Frequency Bands	Bandwidth (MHz)	Test Frequency (MHz)		
		Low	Middle	High
GSM 850	0.25	824.2	836.6	848.8
PCS 1900	0.25	1850.2	1880	1909.8
WCDMA Band 2	4.2	1852.4	1880	1907.6
WCDMA Band 4	4.2	1712.4	1732.6	1752.6
WCDMA Band 5	4.2	826.4	836.6	846.6
LTE Band 2	1.4	1850.7	1880	1909.3
	3	1851.5	1880	1908.5
	5	1852.5	1880	1907.5
	10	1855	1880	1905
	15	1857.5	1880	1902.5
	20	1860	1880	1900
LTE Band 4	1.4	1710.7	1732.5	1754.3
	3	1711.5	1732.5	1753.5
	5	1712.5	1732.5	1752.5
	10	1715	1732.5	1750
	15	1717.5	1732.5	1747.5
	20	1720	1732.5	1745
LTE Band 5	1.4	824.7	836.5	848.3
	3	825.5	836.5	847.5
	5	826.5	836.5	846.5
	10	829	836.5	844
LTE Band 7	5	2502.5	2535	2567.5
	10	2505	2535	2565
	15	2507.5	2535	2562.5
	20	2510	2535	2560
LTE Band 12	1.4	699.7	707.5	715.3
	3	700.5	707.5	714.5
	5	701.5	707.5	713.5
	10	704	707.5	711
LTE Band 13	5	779.5	/	784.5
	10	/	782	/
LTE Band 14	5	790.5	/	795.5
	10	/	793	/
LTE Band 17	5	706.5	710	713.5
	10	709	710	711
LTE Band 25	1.4	1850.7	1882.5	1914.3
	3	1851.5	1882.5	1913.5
	5	1852.5	1882.5	1912.5
	10	1855	1882.5	1910
	15	1857.5	1882.5	1907.5
	20	1860	1882.5	1905

Frequency Bands	Bandwidth (MHz)	Test Frequency (MHz)		
		Low	Middle	High
LTE Band 26 (814-824MHz)	1.4	814.7	819	823.3
	3	815.5	819	822.5
	5	816.5	819	821.5
	10	/	819	/
LTE Band 26 (824-849MHz)	1.4	824.7	836.5	848.3
	3	825.5	836.5	847.5
	5	826.5	836.5	846.5
	10	829	836.5	844
	15	831.5	836.5	841.5
LTE Band 38	5	2572.5	2595	2617.5
	10	2575	2595	2615
	15	2577.5	2595	2612.5
	20	2580	2595	2610
LTE Band 41	5	2498.5	2593	2687.5
	10	2501	2593	2685
	15	2503.5	2593	2682.5
	20	2506	2593	2680
LTE Band 66	1.4	1710.7	1745	1779.3
	3	1711.5	1745	1778.5
	5	1712.5	1745	1777.5
	10	1715	1745	1775
	15	1717.5	1745	1772.5
	20	1720	1745	1770
LTE Band 71	5	665.5	680.5	695.5
	10	668	680.5	693
	15	670.5	680.5	690.5
	20	673	680.5	688

The maximum power was configured per 3GPP Standard for each operation modes as below setting:

GPRS/EDGE

Function: Menu select > GSM Mobile Station > GSM 850/1900

Press Connection control to choose the different menus

Press RESET > choose all the reset all settings

Connection Press Signal Off to turn off the signal and change settings

Network Support > GPRS or EGSM

Main Service > Packet Data

Service selection > Test Mode A – Auto Slot Config. off

MS Signal Press Slot Config Bottom on the right twice to select and change the number of time slots and power setting

> Slot configuration > Uplink/Gamma

> 33 dBm for GPRS 850

> 30 dBm for GPRS 1900

> 27 dBm for EGPRS 850

> 26 dBm for EGPRS 1900

BS Signal Enter the same channel number for TCH channel (test channel) and BCCH channel

Frequency Offset > + 0 Hz

Mode > BCCH and TCH

BCCH Level > -85 dBm (May need to adjust if link is not stable)

BCCH Channel > choose desire test channel [Enter the same channel number for TCH channel (test channel) and BCCH channel]

Channel Type > Off

P0 > 4 dB

Slot Config > Unchanged (if already set under MS signal)

TCH > choose desired test channel

Hopping > Off

Main Timeslot > 3

Network Coding Scheme > CS4 (GPRS) and MCS5 (EGPRS)

Bit Stream > 2E9-1 PSR Bit Stream

AF/RF Enter appropriate offsets for Ext. Att. Output and Ext. Att. Input

Connection Press Signal on to turn on the signal and change settings

WCDMA

The following tests were conducted according to the test requirements outlines in section 5.2 of the 3GPP TS34.121-1 specification.

	Mode Subset	HSUPA 1	HSUPA 2	HSUPA 3	HSUPA 4	HSUPA 5
WCDMA General Settings	Loopback Mode	Test Mode 1				
	Rel99 RMC	12.2kbps RMC				
	HSDPA FRC	H-Set1				
	HSUPA Test	HSUPA Loopback				
	Power Control Algorithm	Algorithm2				
	β_c	11/15	6/15	15/15	2/15	15/15
	β_d	15/15	15/15	9/15	1 / 5	0
	β_{ec}	20 /225	12/15	30 15	2/15	5/15
	β_c / β_d	11/15	6/15	15/9	2/15	-
	β_{hs}	22/15	12/15	30 15	4/15	5/15
HSDPA Specific Settings	CM(dB)	1.0	3.0	2.0	3.0	1.0
	PR(dB)	0	2	1	2	0
	DACK	8				
	DNAK	8				
	DCQI	8				
	Ack-Nack repetition factor	3				
	CQI Feedback	4ms				
	CQI Repetition Factor	2				
HSUPA Specific Settings	$A_{hs} = \beta_{hs} / \beta_c$	30/15				
	DE-DPCCH	6		8	5	7
	DHARQ	0	0	0	0	0
	AG Index	20	12	15	17	21
	ETFCI	5	67	92	71	81
	Associated Max UL Data Rate k ps	242.1	174.9	482.8	205.8	308.9
	Reference E_F 1	E-TFCI 11 E E-TFCI PO 4 E-TFCI 67 E-TFCI PO 18 E-TFCI 71 E-TFCI PO23 E-TFCI 75 E-TFCI PO26 E-TFCI 81 E-TFCI PO 27		E-TFCI 11 E-TFCI PO4 E-TFCI 92 E-TFCI PO 18		E-TFCI 11 E E-TFCI PO 4 E-TFCI 67 E-TFCI PO 18 E-TFCI 71 E-TFCI PO23 E-TFCI 75 E-TFCI PO26 E-TFCI 81 E-TFCI PO 27

HSPA+

Sub-test	β_c (Note3)	β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	β_{ed1} : 30/15 β_{ed2} : 30/15	β_{ed3} : 24/15 β_{ed4} : 24/15	3.5	2.5	14	105	105

- Note 1: Δ_{ACK} , Δ_{NACK} and $\Delta_{CQI} = 30/15$ with $\beta_{hs} = 30/15 * \beta_c$.
- Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
- Note 3: DPDCH is not configured, therefore the β_c is set to 1 and $\beta_d = 0$ by default.
- Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
- Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

LTE (FDD):

The following tests were conducted according to the test requirements in 3GPP TS36.101

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth (RB)						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	NA
NS_03	6.6.2.2.1	2, 4, 10, 23, 25, 35, 36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.2	41	5	>6	≤ 1
			10, 15, 20	See Table 6.2.4-4	
NS_05	6.6.3.3.1	1	10, 15, 20	≥ 50	≤ 1
NS_06	6.6.2.2.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.6-1	n/a
NS_07	6.6.2.2.3	13	10	Table 6.2.4-2	Table 6.2.4-2
	6.6.3.3.2				
NS_08	6.6.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4-3	Table 6.2.4-3
NS_11	6.6.2.2.1	23 ¹	1.4, 3, 5, 10	Table 6.2.4-5	Table 6.2.4-5
..					
NS_32	-	-	-	-	-

Note 1: Applies to the lower block of Band 23, i.e. a carrier placed in the 2000-2010 MHz region.

LTE(TDD):

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Table 4.2-2: Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Calculated Duty Cycle

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.33
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33

Calculated Duty Cycle = Extended cyclic prefix in uplink $\times (T_s) \times \# \text{ of S} + \# \text{ of U}$

Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:

Calculated Duty Cycle = $5120 \times [1/(15000 \times 2048)] \times 2 + 6 \text{ ms} = 63.33\%$

where

$T_s = 1/(15000 \times 2048) \text{ seconds}$

3.2 Support Equipment List and Details

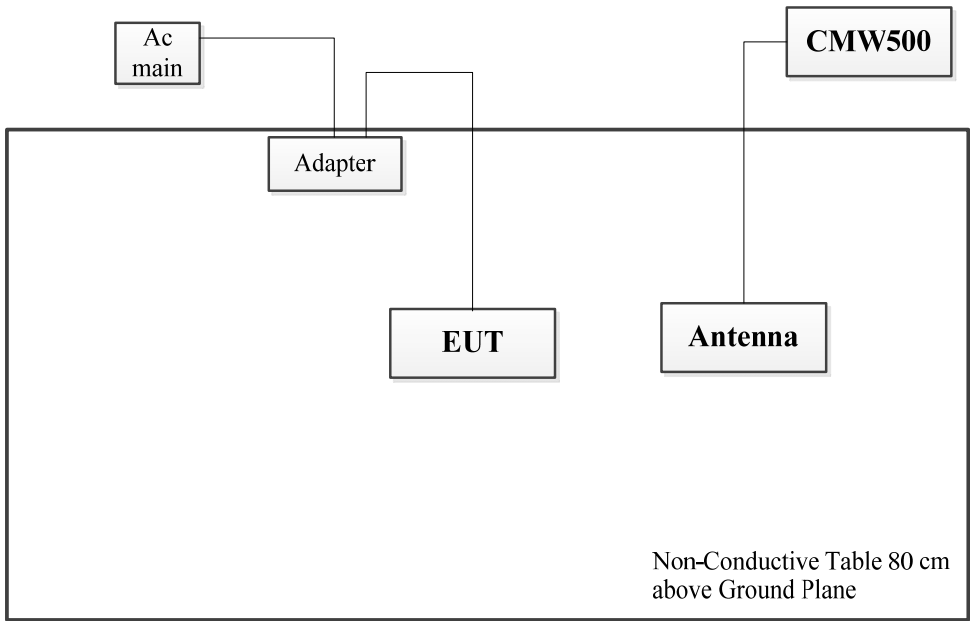
Manufacturer	Description	Model	Serial Number
R&S	Wideband Radio Communication Tester	CMW500	147473
Unknown	Antenna	Unknown	Unknown

3.3 Support Cable List and Details

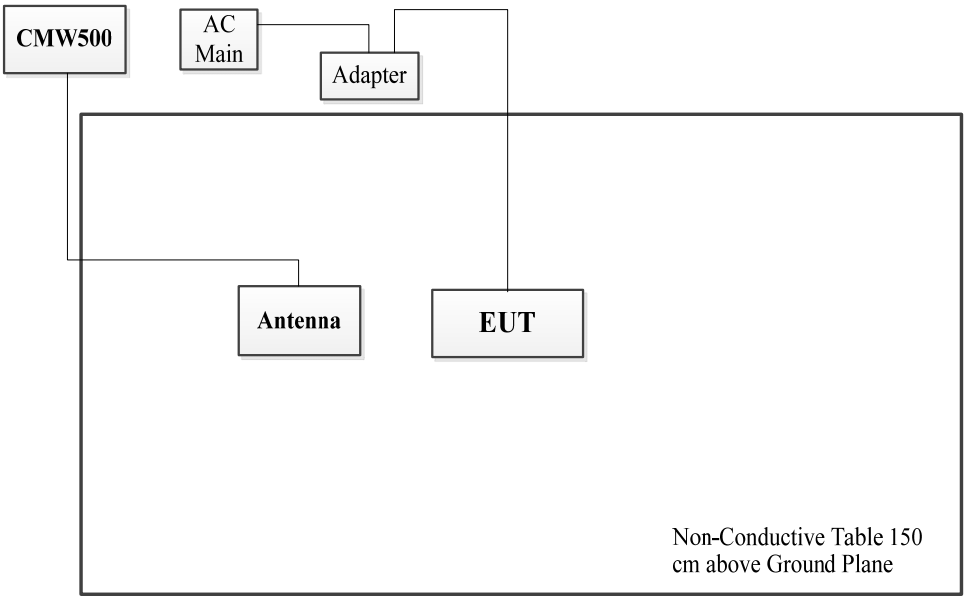
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	no	no	1.5	Adapter	EUT
Signal Cable	no	no	3.0	Antenna	CMW500

3.4 Block Diagram of Test Setup

Below 1GHz:



Above 1GHz:



3.5 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 829273, the FCC Designation No.: CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.6 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.55 dB
Power Spectral Density, conducted	±0.55 dB
Unwanted Emissions, radiated	30MHz~1GHz: 5.12 dB, 1GHz~18GHz: 5.61 dB, 18GHz~26.5GHz: 5.33 dB, 26.5GHz~40GHz: 5.33 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1 °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
RF Frequency	±0.076×10 ⁻⁶

4. REQUIREMENTS AND TEST PROCEDURES

4.1 Transmitter output power and equivalent radiated power:

4.1.1 Applicable Standard

FCC §22.913

(a)(5) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7watts.

(d) *Power measurement.* Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB. Power measurements for base transmitters and repeaters must be made in accordance with either of the following:

- (1) A Commission-approved average power technique (see FCC Laboratory's Knowledge Database); or
- (2) For purposes of this section, peak transmit power must be measured over an interval of continuous transmission using instrumentation calibrated in terms of an rmseivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

FCC §24.232

(c) Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

(d) Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. 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.

FCC §27.50

(a)(3) *Mobile and portable stations.*

(i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, *except that* for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.

(ii) Mobile and portable stations are not permitted to transmit in the 2315-2320 MHz and 2345-2350 MHz bands.

(iii) *Automatic transmit power control.* Mobile and portable stations transmitting in the 2305-2315 MHz band or in the 2350-2360 MHz band must employ automatic transmit power control when operating so the stations operate with the minimum power necessary for successful communications.

(iv) *Prohibition on external vehicle-mounted antennas.* The use of external vehicle-mounted antennas for mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band is prohibited.

(b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

(c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

(d)(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(h) The following power limits shall apply in the BRS and EBS:

(2) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

(k) The following power requirements apply to stations transmitting in the 3450-3550 MHz band:

(3) Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(4) Equipment employed must be authorized in accordance with the provisions of § 27.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph(k)(5) of this section. 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.

FCC §90.635

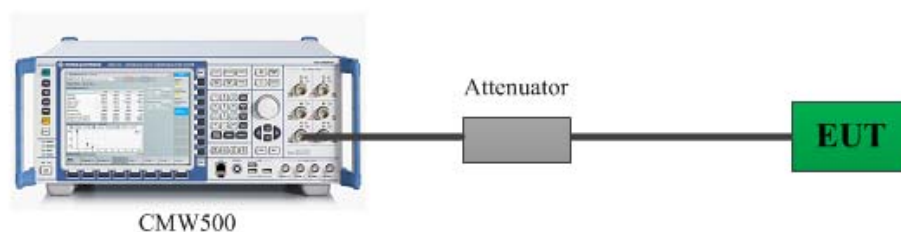
(b) The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).

FCC §90.542

(a) (6) Control stations and mobile stations transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 30 watts ERP.

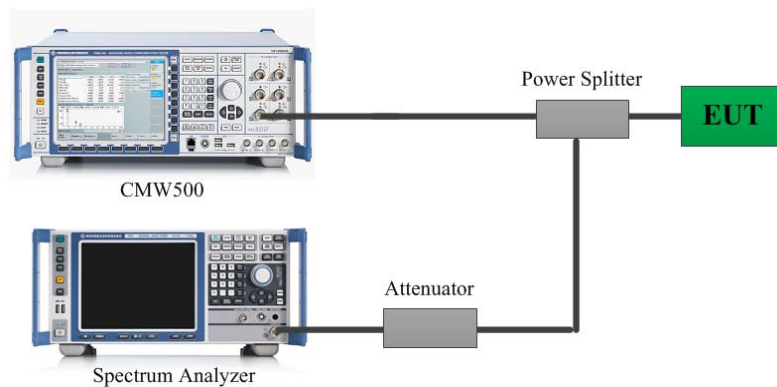
4.1.2 Test Setup Block

For RF Output Power:



Note: The Insertion loss of the RF cable and coaxial Attenuator was offset into the Reading of CMW500.

For PAR:



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.1.3 Test Procedure

For RF Output Power:

According to CFR Part 2.1046, ANSI C63.26-2015 Section 5.2.5.5:

Connect the instrument and the EUT according to the Test Setup Block, and then read the Test results on the CMW500/Wireless Communication Test Set.

For PAR:

According to ANSI C63.26-2015 Section 5.2.3.4:

- a) Set resolution/measurement bandwidth $\geq$ OBW or specified reference bandwidth.
- b) Set the number of counts to a value that stabilizes the measured CCDF curve.
- c) Set the measurement interval as follows:
 - 1) For continuous transmissions, set to the greater of $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ or 1 ms.
 - 2) For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize. Set the measurement interval to a time that is less than or equal to the burst duration.
 - 3) If there are several carriers in a single antenna port, the peak power shall be determined for each individual carrier (by disabling the other carriers while measuring the required carrier) and the total peak power calculated from the sum of the individual carrier peak powers.
- d) Record the maximum PAPR level associated with a probability of 0.1%.
- e) The peak power level is calculated from the sum of the PAPR value from step d) to the measured average power.

4.1.4 Test Results

Please refer to section 5.1.

4.2 Transmitter unwanted emissions-Radiated Spurious emissions:

4.2.1 Applicable Standard

FCC §22.917

(a) Out of band emissions. 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.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. 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. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. 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.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, 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. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies

between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to – 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and – 80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB

at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC §90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \text{ Log}_{10}(f/6.1)$ decibels or $50 + 10 \text{ Log}_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \text{ Log}_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

FCC §90.543

(c) Out-of-band emission limit. On any frequency outside of the frequency ranges covered by the ACP tables in this section, the power of any emission must be reduced below the mean output power (P) by at least $43 + 10 \log (P)$ dB measured in a 100 kHz bandwidth for frequencies less than 1 GHz, and in a 1 MHz bandwidth for frequencies greater than 1 GHz.

4.2.2 Test setup

According to ANSI C63.26-2015 Section 5.5.3:

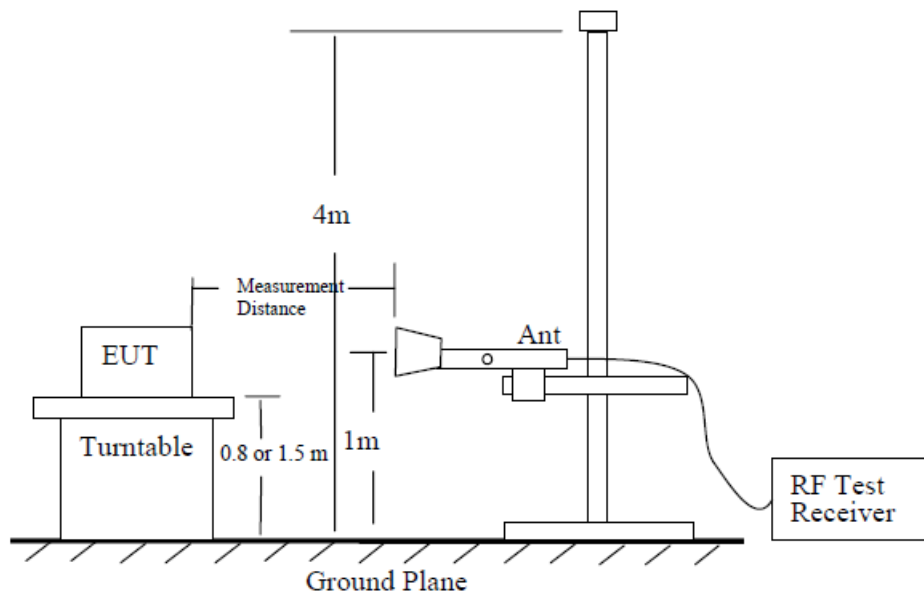


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

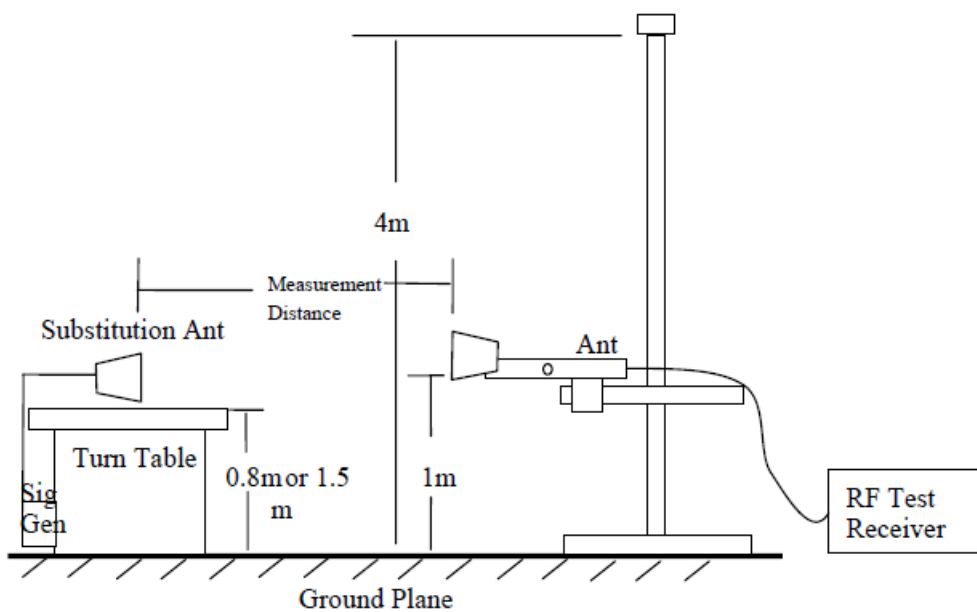


Figure 7 —Substitution method set-up for radiated emission

4.2.3 Test Procedure

According to ANSI C63.26-2015 Section 5.5.3:

- a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.
- b) Each emission under consideration shall be evaluated:
 - 1) Raise and lower the measurement antenna in accordance 5.5.2, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
 - 2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
 - 3) Return the turntable to the azimuth where the highest emission amplitude level was observed.
 - 4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.
 - 5) Record the measured emission amplitude level and frequency using the appropriate RBW.
- c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.
- d) Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.
- e) Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.
- f) Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.
- g) For each emission that was detected and measured in the initial test [i.e., in step b) and step c)]:
 - 1) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.
 - 2) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step b) and step c).
 - 3) Record the output power level of the signal generator when equivalence is achieved in step 2).
- h) Repeat step e) through step g) with the measurement antenna oriented in the opposite polarization.
- i) Calculate the emission power in dBm referenced to a half-wave dipole using the following equation:

$$P_e = P_s(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$
 where

P_e = equivalent emission power in dBm
 P_s = source (signal generator) power in dBm

NOTE—dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.
- j) Correct the antenna gain of the substitution antenna if necessary to reference the emission power to a half-wave dipole. When using measurement antennas with the gain specified in dBi, the equivalent dipole-referenced gain can be determined from: $\text{gain (dBd)} = \text{gain (dBi)} - 2.15 \text{ dB}$. If necessary, the antenna gain can be calculated from calibrated antenna factor information
- k) Provide the complete measurement results as a part of the test report.

4.2.4 Test Results

Please refer to section 5.3.

5. TEST DATA AND RESULTS

5.1 Spot Check With Maximum Conducted Output Power

Serial Number:	3GPB-2	Test Date:	2026/2/9
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.04	Relative Humidity: (%)	35	ATM Pressure: (kPa)	101.8
----------------------	-------	---------------------------	----	------------------------	-------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Wideband Radio Communication Tester	CMW500	144976	2025/8/1	2026/7/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/6/6	2026/6/5

Test Data:

GSM 850:

Test Mode	Conducted Peak Output Power(dBm)			Maximum ERP (dBm)	ERP Limit (dBm)
	Lowest Channel	Middle Channel	Highest Channel		
GPRS 1 Slot	32.19	31.07	31.81	33.85	38.45

Note:

ERP= Conducted Power(dBm) - Lc(dB) + Gr(dBd)

Gr(dBd)=Gr(dBi)-2.15

Result:

Pass

WCDMA B4:

Test Mode	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
	Lowest Channel	Middle Channel	Highest Channel		
WCDMA R99	24.07	24.09	24.03	25.74	30

Note: EIRP=Conducted Power(dBm) - Lc(dB) + Gr(dBi)

Result:

Pass

LTE Band 66:						
RF Output Power:						
Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
20MHz QPSK	RB1#0	23.74	23.69	23.74	26.07	30
	RB1#49	23.87	23.85	24.01		
	RB1#99	24.42	24.31	24.36		
	RB100#0	23.18	22.86	23.12		
20MHz 16QAM	RB1#0	23.06	22.92	23.01	25.59	30
	RB1#49	23.34	23.23	23.15		
	RB1#99	23.91	23.45	23.94		
	RB100#0	22.08	21.86	22.02		
Note: EIRP=Conducted Power(dBm) - Lc(dB) + G _T (dBi)						
					Result:	Pass

5.2 EIRP/ERP calculated and Results

Test Data:

Per-spot check, the conducted output power is consistent with the original report, so the Maximum EIRP/ERP was re-calculated.

GSM 850 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	ERP (dBm)	ERP Limit (dBm)
GPRS	32.29	33.95	38.45
EDGE	28.13	29.79	38.45

PCS 1900 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
GPRS	30.41	30.30	33
EDGE	26.87	26.76	33

WCDMA B2 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
WCDMA B2	23.87	23.76	33

WCDMA B4 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	ERP (dBm)	ERP Limit (dBm)
WCDMA B4	24.18	25.83	30

WCDMA B5 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	ERP (dBm)	ERP Limit (dBm)
WCDMA B5	24.17	25.83	38.45

LTE B2 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
1.4MHz QPSK	24.01	23.90	33
1.4MHz 16QAM	23.49	23.38	33
3MHz QPSK	24.06	23.95	33
3MHz 16QAM	23.48	23.37	33
5MHz QPSK	24.15	24.04	33
5MHz 16QAM	23.46	23.35	33
10MHz QPSK	24.16	24.05	33
10MHz 16QAM	23.54	23.43	33
15MHz QPSK	24.16	24.05	33
15MHz 16QAM	23.42	23.31	33
20MHz QPSK	23.92	23.81	33

20MHz 16QAM	23.25	23.14	33
-------------	-------	-------	----

LTE B4 band:

Test Mode	Maximum Conducted Average Output Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
1.4MHz QPSK	23.67	25.32	30
1.4MHz 16QAM	23.14	24.79	30
3MHz QPSK	23.94	25.59	30
3MHz 16QAM	23.34	24.99	30
5MHz QPSK	23.86	25.51	30
5MHz 16QAM	23.26	24.91	30
10MHz QPSK	24.00	25.65	30
10MHz 16QAM	23.45	25.10	30
15MHz QPSK	24.15	25.80	30
15MHz 16QAM	23.48	25.13	30
20MHz QPSK	24.05	25.70	30
20MHz 16QAM	23.47	25.12	30

LTE B5 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
1.4MHz QPSK	23.74	25.40	38.45
1.4MHz 16QAM	23.07	24.73	38.45
3MHz QPSK	23.84	25.50	38.45
3MHz 16QAM	23.18	24.84	38.45
5MHz QPSK	23.82	25.48	38.45
5MHz 16QAM	23.21	24.87	38.45
10MHz QPSK	24.07	25.73	38.45
10MHz 16QAM	23.49	25.15	38.45

LTE B7 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	EIRP (dBm)	EIRP Limit (dBm)
5MHz QPSK	24.26	27.27	33
5MHz 16QAM	23.53	26.54	33
10MHz QPSK	24.16	27.17	33
10MHz 16QAM	23.51	26.52	33
15MHz QPSK	23.85	26.86	33
15MHz 16QAM	23.49	26.50	33
20MHz QPSK	24.07	27.08	33
20MHz 16QAM	23.47	26.48	33

LTE B12 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
1.4MHz QPSK	23.88	20.32	34.77
1.4MHz 16QAM	23.28	19.72	34.77
3MHz QPSK	23.91	20.35	34.77
3MHz 16QAM	23.36	19.80	34.77
5MHz QPSK	23.96	20.40	34.77
5MHz 16QAM	23.35	19.79	34.77
10MHz QPSK	24.24	20.68	34.77
10MHz 16QAM	23.50	19.94	34.77

LTE B13 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
5MHz QPSK	24.02	24.57	34.77
5MHz 16QAM	23.37	23.92	34.77
10MHz QPSK	24.27	24.82	34.77
10MHz 16QAM	23.55	24.10	34.77

LTE B14 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
5MHz QPSK	24.28	24.83	34.77
5MHz 16QAM	23.54	24.09	34.77
10MHz QPSK	24.53	25.08	34.77
10MHz 16QAM	23.88	24.43	34.77

LTE B17 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
5MHz QPSK	24.24	20.68	34.77
5MHz 16QAM	23.49	19.93	34.77
10MHz QPSK	24.43	20.87	34.77
10MHz 16QAM	23.68	20.12	34.77

LTE B25 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	EIRP (dBm)	EIRP Limit (dBm)
1.4MHz QPSK	23.93	23.82	33
1.4MHz 16QAM	23.45	23.34	33
3MHz QPSK	24.04	23.93	33
3MHz 16QAM	23.43	23.32	33
5MHz QPSK	24.19	24.08	33
5MHz 16QAM	23.39	23.28	33
10MHz QPSK	24.16	24.05	33
10MHz 16QAM	23.48	23.37	33
15MHz QPSK	24.16	24.05	33
15MHz 16QAM	23.35	23.24	33
20MHz QPSK	24.08	23.97	33
20MHz 16QAM	23.43	23.32	33

LTE B26 band:(814-824MHz)

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
1.4MHz QPSK	24.08	25.74	50
1.4MHz 16QAM	23.32	24.98	50
3MHz QPSK	24.01	25.67	50
3MHz 16QAM	23.31	24.97	50
5MHz QPSK	24.09	25.75	50
5MHz 16QAM	23.40	25.06	50
10MHz QPSK	24.26	25.92	50
10MHz 16QAM	23.64	25.30	50

LTE B26 band: (824-849MHz)

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	ERP Limit (dBm)
1.4MHz QPSK	24.07	25.73	38.45
1.4MHz 16QAM	23.60	25.26	38.45
3MHz QPSK	24.17	25.83	38.45
3MHz 16QAM	23.54	25.20	38.45
5MHz QPSK	24.22	25.88	38.45
5MHz 16QAM	23.44	25.10	38.45
10MHz QPSK	24.43	26.09	38.45
10MHz 16QAM	23.88	25.54	38.45
15MHz QPSK	24.73	26.39	38.45
15MHz 16QAM	23.93	25.59	38.45

LTE B38 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	EIRP (dBm)	EIRP Limit (dBm)
5MHz QPSK	24.04	27.49	33
5MHz 16QAM	23.18	26.63	33
10MHz QPSK	24.26	27.71	33
10MHz 16QAM	23.47	26.92	33
15MHz QPSK	24.24	27.69	33
15MHz 16QAM	23.40	26.85	33
20MHz QPSK	24.28	27.73	33
20MHz 16QAM	23.32	26.77	33

LTE B41 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	EIRP (dBm)	EIRP Limit (dBm)
5MHz QPSK	24.02	27.47	33
5MHz 16QAM	24.22	27.67	33
10MHz QPSK	24.00	27.45	33
10MHz 16QAM	24.09	27.54	33
15MHz QPSK	24.23	27.68	33
15MHz 16QAM	24.38	27.83	33
20MHz QPSK	23.98	27.43	33
20MHz 16QAM	24.15	27.60	33

LTE B66 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	EIRP (dBm)	EIRP Limit (dBm)
1.4MHz QPSK	24.33	25.98	30
1.4MHz 16QAM	23.79	25.44	30
3MHz QPSK	24.46	26.11	30
3MHz 16QAM	23.81	25.46	30
5MHz QPSK	24.56	26.21	30
5MHz 16QAM	23.76	25.41	30
10MHz QPSK	24.83	26.48	30
10MHz 16QAM	24.14	25.79	30
15MHz QPSK	24.38	26.03	30
15MHz 16QAM	23.66	25.31	30
20MHz QPSK	24.56	26.21	30
20MHz 16QAM	24.02	25.67	30

LTE B71 band:

Test Mode	Maximum Conducted Average Output Power(dBm)	ERP (dBm)	EIRP Limit (dBm)
5MHz QPSK	24.26	17.99	34.77
5MHz 16QAM	23.64	17.37	34.77
10MHz QPSK	24.49	18.22	34.77
10MHz 16QAM	23.97	17.70	34.77
15MHz QPSK	24.19	17.92	34.77
15MHz 16QAM	23.63	17.36	34.77
20MHz QPSK	24.12	17.85	34.77
20MHz 16QAM	23.34	17.07	34.77

Note:

1. $EIRP = \text{Maximum Conducted Average Output Power(dBm)} - L_C(\text{dB}) + G_T(\text{dBi})$

$ERP = \text{Maximum Conducted Average Output Power(dBm)} - L_C(\text{dB}) + G_T(\text{dBd})$

$G_T(\text{dBd}) = G_T(\text{dBi}) - 2.15$

2. Maximum Conducted Average Output Power please refer to FCC report: SEWA2307000102RG01[▲].

5.3 Radiated Spurious Emissions

Serial Number:	3GPB-3	Test Date:	Below 1G:2026/2/13 Above 1G:2026/2/25
Test Site:	Chamber 10m, Chamber B	Test Mode:	Transmitting
Tester:	Mikey Lin, Alan Xie	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	20~24.4	Relative Humidity: (%)	46~54	ATM Pressure: (kPa)	100.8~101.2
----------------------	---------	---------------------------	-------	------------------------	-------------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
30MHz~1000MHz					
Sunol Sciences	Hybrid Antenna	JB3	A060611-1	2025/6/23	2028/6/22
Narda	Coaxial Attenuator	779-6dB	4269	2025/6/23	2028/6/22
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-04	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2025/7/1	2026/6/30
Sonoma	Amplifier	310N	185914	2025/8/25	2026/8/24
R&S	EMI Test Receiver	ESR3	102453	2025/6/25	2026/6/24
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2025/9/4	2026/9/3
Agilent	Signal Generator	E8247C	MY43321350	2025/7/28	2026/7/27
E-Microwave	Band Rejection Filter	OBF-ZP-703-748-SMAF	OE01902425	2025/6/6	2026/6/5
E-Microwave	Band Rejection Filter	BSF-ZP-777-787-SMAF	OE01902430	2025/6/6	2026/6/5
Sinoscite	Band Rejection Filter	BSF824-862MS	1438001	2025/6/6	2026/6/5
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
AH	Horn Antenna	SAS-571	1177	2026/1/22	2029/1/21
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2026/2/21	2029/2/20
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-03 1304	2026/2/6	2029/2/5
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2026/2/6	2029/2/5
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-02 1302	2026/2/21	2029/2/20
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2025/11/14	2026/11/13
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2025/11/14	2026/11/13
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2025/9/4	2026/9/3
Agilent	Signal Generator	E8247C	MY43321350	2025/7/28	2026/7/27
AH	Preamplifier	PAM-0118P	469	2025/4/11	2026/4/10
AH	Preamplifier	PAM-1840VH	191	2025/7/31	2026/7/30
R&S	Spectrum Analyzer	FSV40	101944	2025/8/8	2026/8/7
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FSU	DS79902 & DS79905	2025/8/25	2026/8/24

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:**Cellular Band (30MHz-10GHz)**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GPRS 850 Frequency:824.2MHz								
74.39	H	42.68	-61.74	-2.81	0.25	-64.80	-13.00	51.80
255.67	V	54.16	-55.78	0.00	0.49	-56.27	-13.00	43.27
1648.40	H	56.46	-59.70	9.44	0.44	-50.70	-13.00	37.70
1648.40	V	50.25	-66.91	9.44	0.44	-57.91	-13.00	44.91
2472.60	H	61.36	-53.37	9.24	0.62	-44.75	-13.00	31.75
2472.60	V	56.75	-58.03	9.24	0.62	-49.41	-13.00	36.41
GPRS 850 Frequency:836.6MHz								
74.16	H	42.17	-62.08	-2.92	0.25	-65.25	-13.00	52.25
255.81	V	57.52	-52.41	0.00	0.49	-52.90	-13.00	39.90
1673.20	H	59.82	-56.26	9.48	0.45	-47.23	-13.00	34.23
1673.20	V	51.52	-65.40	9.48	0.45	-56.37	-13.00	43.37
2509.80	H	59.32	-55.21	9.22	0.62	-46.61	-13.00	33.61
2509.80	V	56.68	-58.16	9.22	0.62	-49.56	-13.00	36.56
GPRS 850 Frequency:848.8MHz								
74.85	H	42.05	-62.70	-2.58	0.25	-65.53	-13.00	52.53
255.94	V	54.31	-55.62	0.00	0.49	-56.11	-13.00	43.11
1697.60	H	64.52	-51.48	9.52	0.46	-42.42	-13.00	29.42
1697.60	V	49.12	-67.56	9.52	0.46	-58.50	-13.00	45.50
2546.40	H	58.37	-56.25	9.29	0.63	-47.59	-13.00	34.59
2546.40	V	56.50	-58.44	9.29	0.63	-49.78	-13.00	36.78

PCS Band (30MHz-20GHz)

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GPRS 1900 Frequency:1850.2MHz								
74.06	H	42.57	-61.61	-2.97	0.25	-64.83	-13.00	51.83
255.36	V	54.28	-55.67	0.00	0.49	-56.16	-13.00	43.16
3700.40	H	47.73	-64.86	10.72	0.74	-54.88	-13.00	41.88
3700.40	V	47.15	-65.77	10.72	0.74	-55.79	-13.00	42.79
5550.60	H	59.45	-51.87	11.69	1.05	-41.23	-13.00	28.23
5550.60	V	59.14	-51.73	11.69	1.05	-41.09	-13.00	28.09
GPRS 1900 Frequency:1880MHz								
74.19	H	42.55	-61.72	-2.91	0.25	-64.88	-13.00	51.88
255.87	V	54.67	-55.26	0.00	0.49	-55.75	-13.00	42.75
3760.00	H	47.26	-65.20	10.76	0.75	-55.19	-13.00	42.19
3760.00	V	49.93	-62.67	10.76	0.75	-52.66	-13.00	39.66
5640.00	H	58.25	-53.17	11.67	1.05	-42.55	-13.00	29.55
5640.00	V	53.87	-57.04	11.67	1.05	-46.42	-13.00	33.42
GPRS 1900 Frequency:1909.8MHz								
74.55	H	42.04	-62.49	-2.73	0.25	-65.47	-13.00	52.47
255.39	V	54.39	-55.56	0.00	0.49	-56.05	-13.00	43.05
3819.60	H	59.92	-52.24	10.79	0.76	-42.21	-13.00	29.21
3819.60	V	50.84	-61.26	10.79	0.76	-51.23	-13.00	38.23
5729.40	H	57.68	-54.31	11.65	1.05	-43.71	-13.00	30.71
5729.40	V	57.46	-53.90	11.65	1.05	-43.30	-13.00	30.30

WCDMA Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 2, Frequency:1852.4 MHz								
74.71	H	45.36	-59.29	-2.65	0.25	-62.19	-13.00	49.19
255.42	V	54.72	-55.23	0.00	0.49	-55.72	-13.00	42.72
3704.80	H	47.15	-65.43	10.72	0.74	-55.45	-13.00	42.45
3704.80	V	47.28	-65.61	10.72	0.74	-55.63	-13.00	42.63
5557.20	H	47.57	-63.72	11.69	1.05	-53.08	-13.00	40.08
5557.20	V	47.36	-63.48	11.69	1.05	-52.84	-13.00	39.84
WCDMA Band 2, Frequency:1880 MHz								
74.25	H	45.87	-58.45	-2.88	0.25	-61.58	-13.00	48.58
255.19	V	54.83	-55.13	0.00	0.49	-55.62	-13.00	42.62
3760.00	H	47.62	-64.84	10.76	0.75	-54.83	-13.00	41.83
3760.00	V	47.36	-65.24	10.76	0.75	-55.23	-13.00	42.23
5640.00	H	47.65	-63.77	11.67	1.05	-53.15	-13.00	40.15
5640.00	V	47.27	-63.64	11.67	1.05	-53.02	-13.00	40.02
WCDMA Band 2, Frequency:1907.6MHz								
74.33	H	45.19	-59.18	-2.84	0.25	-62.27	-13.00	49.27
255.40	V	54.66	-55.29	0.00	0.49	-55.78	-13.00	42.78
3815.20	H	47.70	-64.51	10.79	0.76	-54.48	-13.00	41.48
3815.20	V	47.43	-64.73	10.79	0.76	-54.70	-13.00	41.70
5722.80	H	47.52	-64.46	11.66	1.05	-53.85	-13.00	40.85
5722.80	V	47.18	-64.18	11.66	1.05	-53.57	-13.00	40.57

WCDMA Band 4(30MHz-18GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 4, Frequency:1712.4 MHz								
74.52	H	46.15	-58.36	-2.74	0.25	-61.35	-13.00	48.35
255.16	V	54.18	-55.78	0.00	0.49	-56.27	-13.00	43.27
3424.80	H	50.25	-62.65	10.54	0.72	-52.83	-13.00	39.83
3424.80	V	48.62	-64.28	10.54	0.72	-54.46	-13.00	41.46
5137.20	H	50.85	-60.19	10.76	0.96	-50.39	-13.00	37.39
5137.20	V	51.74	-58.70	10.76	0.96	-48.90	-13.00	35.90
WCDMA Band 4, Frequency:1732.6 MHz								
74.67	H	46.72	-57.90	-2.67	0.25	-60.82	-13.00	47.82
255.37	V	54.96	-54.99	0.00	0.49	-55.48	-13.00	42.48
3465.20	H	47.42	-65.82	10.57	0.72	-55.97	-13.00	42.97
3465.20	V	47.36	-65.84	10.57	0.72	-55.99	-13.00	42.99
5197.80	H	49.58	-62.01	10.91	0.97	-52.07	-13.00	39.07
5197.80	V	54.74	-56.07	10.91	0.97	-46.13	-13.00	33.13
WCDMA Band 4, Frequency:1752.6MHz								
74.33	H	46.83	-57.54	-2.84	0.25	-60.63	-13.00	47.63
255.18	V	54.37	-55.59	0.00	0.49	-56.08	-13.00	43.08
3505.20	H	47.59	-65.92	10.60	0.72	-56.04	-13.00	43.04
3505.20	V	47.47	-65.96	10.60	0.72	-56.08	-13.00	43.08
5257.80	H	54.67	-56.59	11.07	0.99	-46.51	-13.00	33.51
5257.80	V	54.52	-56.05	11.07	0.99	-45.97	-13.00	32.97

WCDMA Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 5 Frequency:826.4 MHz								
74.50	H	46.33	-58.17	-2.75	0.25	-61.17	-13.00	48.17
255.75	V	54.19	-55.75	0.00	0.49	-56.24	-13.00	43.24
1652.80	H	47.54	-68.61	9.44	0.44	-59.61	-13.00	46.61
1652.80	V	48.24	-68.88	9.44	0.44	-59.88	-13.00	46.88
2479.20	H	47.38	-67.30	9.23	0.62	-58.69	-13.00	45.69
2479.20	V	48.43	-66.36	9.23	0.62	-57.75	-13.00	44.75
3305.60	H	47.26	-64.58	10.44	0.72	-54.86	-13.00	41.86
3305.60	V	47.42	-64.96	10.44	0.72	-55.24	-13.00	42.24
WCDMA Band 5 Frequency:836.6MHz								
74.83	H	46.32	-58.41	-2.59	0.25	-61.25	-13.00	48.25
255.93	V	54.08	-55.85	0.00	0.49	-56.34	-13.00	43.34
1673.20	H	48.49	-67.59	9.48	0.45	-58.56	-13.00	45.56
1673.20	V	49.68	-67.24	9.48	0.45	-58.21	-13.00	45.21
2509.80	H	47.78	-66.75	9.22	0.62	-58.15	-13.00	45.15
2509.80	V	47.62	-67.22	9.22	0.62	-58.62	-13.00	45.62
3346.40	H	46.60	-65.61	10.48	0.72	-55.85	-13.00	42.85
3346.40	V	47.11	-65.41	10.48	0.72	-55.65	-13.00	42.65
WCDMA Band 5 Frequency:846.6MHz								
74.57	H	46.51	-58.04	-2.72	0.25	-61.01	-13.00	48.01
255.87	V	54.18	-55.75	0.00	0.49	-56.24	-13.00	43.24
1693.20	H	48.33	-67.68	9.51	0.46	-58.63	-13.00	45.63
1693.20	V	47.57	-69.16	9.51	0.46	-60.11	-13.00	47.11
2539.80	H	48.16	-66.44	9.28	0.63	-57.79	-13.00	44.79
2539.80	V	48.84	-66.08	9.28	0.63	-57.43	-13.00	44.43
3386.40	H	47.46	-65.11	10.51	0.72	-55.32	-13.00	42.32
3386.40	V	47.35	-65.31	10.51	0.72	-55.52	-13.00	42.52

LTE Bands:

(The Worst modulation and bandwidth were below)

LTE Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency:1850.7 MHz								
89.23	H	46.75	-64.51	0.00	0.27	-64.78	-13.00	51.78
347.06	V	59.25	-47.61	0.00	0.58	-48.19	-13.00	35.19
3701.40	H	48.24	-64.35	10.72	0.74	-54.37	-13.00	41.37
3701.40	V	47.75	-65.16	10.72	0.74	-55.18	-13.00	42.18
5552.10	H	47.68	-63.63	11.69	1.05	-52.99	-13.00	39.99
5552.10	V	47.52	-63.34	11.69	1.05	-52.70	-13.00	39.70
1RB, 1.4MHz, QPSK, Frequency:1880 MHz								
89.12	H	46.80	-64.43	0.00	0.27	-64.70	-13.00	51.70
347.52	V	59.37	-47.47	0.00	0.58	-48.05	-13.00	35.05
3760.00	H	48.13	-64.33	10.76	0.75	-54.32	-13.00	41.32
3760.00	V	48.02	-64.58	10.76	0.75	-54.57	-13.00	41.57
5640.00	H	47.53	-63.89	11.67	1.05	-53.27	-13.00	40.27
5640.00	V	47.28	-63.63	11.67	1.05	-53.01	-13.00	40.01
1RB, 1.4MHz, QPSK, Frequency:1909.3 MHz								
89.47	H	46.83	-64.51	0.00	0.27	-64.78	-13.00	51.78
347.83	V	59.33	-47.50	0.00	0.58	-48.08	-13.00	35.08
3818.60	H	48.06	-64.11	10.79	0.76	-54.08	-13.00	41.08
3818.60	V	48.11	-64.00	10.79	0.76	-53.97	-13.00	40.97
5727.90	H	47.29	-64.70	11.65	1.05	-54.10	-13.00	41.10
5727.90	V	47.38	-63.98	11.65	1.05	-53.38	-13.00	40.38

LTE Band 4(30MHz-18GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency:1710.7 MHz								
89.55	H	47.42	-63.94	0.00	0.27	-64.21	-13.00	51.21
347.16	V	59.26	-47.60	0.00	0.58	-48.18	-13.00	35.18
3421.40	H	47.72	-65.15	10.54	0.72	-55.33	-13.00	42.33
3421.40	V	46.89	-65.98	10.54	0.72	-56.16	-13.00	43.16
5132.10	H	55.62	-55.38	10.74	0.95	-45.59	-13.00	32.59
5132.10	V	56.47	-53.94	10.74	0.95	-44.15	-13.00	31.15
1RB, 1.4MHz, QPSK, Frequency:1732.5 MHz								
89.49	H	47.55	-63.79	0.00	0.27	-64.06	-13.00	51.06
347.76	V	59.66	-47.18	0.00	0.58	-47.76	-13.00	34.76
3465.00	H	47.78	-65.46	10.57	0.72	-55.61	-13.00	42.61
3465.00	V	47.36	-65.84	10.57	0.72	-55.99	-13.00	42.99
5197.50	H	56.39	-55.20	10.91	0.97	-45.26	-13.00	32.26
5197.50	V	56.78	-54.02	10.91	0.97	-44.08	-13.00	31.08
1RB, 1.4MHz, QPSK, Frequency:1754.3MHz								
89.93	H	47.83	-63.65	0.00	0.27	-63.92	-13.00	50.92
347.18	V	59.74	-47.11	0.00	0.58	-47.69	-13.00	34.69
3508.60	H	47.34	-66.16	10.61	0.72	-56.27	-13.00	43.27
3508.60	V	47.26	-66.15	10.61	0.72	-56.26	-13.00	43.26
5262.90	H	55.94	-55.29	11.08	0.99	-45.20	-13.00	32.20
5262.90	V	55.97	-54.58	11.08	0.99	-44.49	-13.00	31.49

LTE Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 824.7 MHz								
89.25	H	47.48	-63.79	0.00	0.27	-64.06	-13.00	51.06
347.11	V	59.52	-47.34	0.00	0.58	-47.92	-13.00	34.92
1649.40	H	49.92	-66.24	9.44	0.44	-57.24	-13.00	44.24
1649.40	V	49.34	-67.81	9.44	0.44	-58.81	-13.00	45.81
2474.10	H	50.52	-64.20	9.24	0.62	-55.58	-13.00	42.58
2474.10	V	51.84	-62.95	9.24	0.62	-54.33	-13.00	41.33
3298.80	H	47.42	-64.37	10.44	0.72	-54.65	-13.00	41.65
3298.80	V	47.85	-64.51	10.44	0.72	-54.79	-13.00	41.79
1RB, 1.4MHz, QPSK, Frequency: 836.5 MHz								
89.93	H	47.62	-63.86	0.00	0.27	-64.13	-13.00	51.13
347.09	V	59.08	-47.78	0.00	0.58	-48.36	-13.00	35.36
1673.00	H	50.78	-65.30	9.48	0.45	-56.27	-13.00	43.27
1673.00	V	49.56	-67.36	9.48	0.45	-58.33	-13.00	45.33
2509.50	H	54.24	-60.29	9.22	0.62	-51.69	-13.00	38.69
2509.50	V	52.37	-62.47	9.22	0.62	-53.87	-13.00	40.87
3346.00	H	47.52	-64.68	10.48	0.72	-54.92	-13.00	41.92
3346.00	V	47.50	-65.02	10.48	0.72	-55.26	-13.00	42.26
1RB, 1.4MHz, QPSK, Frequency: 848.3 MHz								
89.75	H	47.66	-63.76	0.00	0.27	-64.03	-13.00	51.03
347.52	V	59.27	-47.57	0.00	0.58	-48.15	-13.00	35.15
1696.60	H	49.66	-66.34	9.51	0.46	-57.29	-13.00	44.29
1696.60	V	48.35	-68.34	9.51	0.46	-59.29	-13.00	46.29
2544.90	H	51.27	-63.34	9.29	0.63	-54.68	-13.00	41.68
2544.90	V	52.64	-62.29	9.29	0.63	-53.63	-13.00	40.63
3393.20	H	47.62	-65.01	10.51	0.72	-55.22	-13.00	42.22
3393.20	V	47.49	-65.20	10.51	0.72	-55.41	-13.00	42.41

LTE Band 7 (30MHz-26GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 2502.5 MHz								
89.36	H	46.74	-64.56	0.00	0.27	-64.83	-25.00	39.83
347.76	V	59.55	-47.29	0.00	0.58	-47.87	-25.00	22.87
5005.00	H	49.92	-61.18	10.41	0.92	-51.69	-25.00	26.69
5005.00	V	47.73	-62.88	10.41	0.92	-53.39	-25.00	28.39
7507.50	H	46.98	-61.05	10.81	1.20	-51.44	-25.00	26.44
7507.50	V	46.35	-62.43	10.81	1.20	-52.82	-25.00	27.82
1RB, 5MHz, QPSK, Frequency:2535 MHz								
89.60	H	45.93	-65.45	0.00	0.27	-65.72	-25.00	40.72
347.88	V	59.09	-47.74	0.00	0.58	-48.32	-25.00	23.32
5070.00	H	54.24	-56.59	10.58	0.94	-46.95	-25.00	21.95
5070.00	V	48.52	-61.82	10.58	0.94	-52.18	-25.00	27.18
7605.00	H	47.78	-59.99	10.88	1.21	-50.32	-25.00	25.32
7605.00	V	47.16	-61.34	10.88	1.21	-51.67	-25.00	26.67
1RB, 5MHz, QPSK, Frequency: 2567.5 MHz								
89.08	H	45.12	-66.10	0.00	0.27	-66.37	-25.00	41.37
347.64	V	59.16	-47.68	0.00	0.58	-48.26	-25.00	23.26
5135.00	H	60.62	-50.41	10.75	0.96	-40.62	-25.00	15.62
5135.00	V	49.38	-61.04	10.75	0.96	-51.25	-25.00	26.25
7702.50	H	47.43	-60.07	10.96	1.23	-50.34	-25.00	25.34
7702.50	V	47.16	-61.05	10.96	1.23	-51.32	-25.00	26.32

LTE Band 12 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 699.7MHz								
89.16	H	46.42	-64.82	0.00	0.27	-65.09	-13.00	52.09
347.82	V	59.33	-47.50	0.00	0.58	-48.08	-13.00	35.08
1399.40	H	53.32	-62.59	8.62	0.38	-54.35	-13.00	41.35
1399.40	V	52.41	-63.29	8.62	0.38	-55.05	-13.00	42.05
2099.10	H	48.24	-65.91	9.84	0.57	-56.64	-13.00	43.64
2099.10	V	48.63	-65.49	9.84	0.57	-56.22	-13.00	43.22
2798.80	H	47.48	-67.40	9.80	0.69	-58.29	-13.00	45.29
2798.80	V	47.20	-67.44	9.80	0.69	-58.33	-13.00	45.33
1RB, 1.4MHz, QPSK, Frequency:707.5 MHz								
89.09	H	46.29	-64.93	0.00	0.27	-65.20	-13.00	52.20
347.91	V	59.68	-47.15	0.00	0.58	-47.73	-13.00	34.73
1415.00	H	49.57	-66.43	8.71	0.38	-58.10	-13.00	45.10
1415.00	V	49.33	-66.45	8.71	0.38	-58.12	-13.00	45.12
2122.50	H	49.60	-64.75	9.80	0.57	-55.52	-13.00	42.52
2122.50	V	48.02	-66.24	9.80	0.57	-57.01	-13.00	44.01
2830.00	H	46.87	-67.85	9.86	0.69	-58.68	-13.00	45.68
2830.00	V	46.98	-67.63	9.86	0.69	-58.46	-13.00	45.46
1RB, 1.4MHz, QPSK, Frequency: 715.3 MHz								
89.73	H	46.07	-65.35	0.00	0.27	-65.62	-13.00	52.62
347.94	V	59.06	-47.77	0.00	0.58	-48.35	-13.00	35.35
1430.60	H	50.50	-65.59	8.80	0.38	-57.17	-13.00	44.17
1430.60	V	48.64	-67.21	8.80	0.38	-58.79	-13.00	45.79
2145.90	H	48.38	-66.17	9.77	0.58	-56.98	-13.00	43.98
2145.90	V	48.25	-66.16	9.77	0.58	-56.97	-13.00	43.97
2861.20	H	47.20	-67.34	9.92	0.70	-58.12	-13.00	45.12
2861.20	V	47.34	-67.25	9.92	0.70	-58.03	-13.00	45.03

LTE Band 13 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 779.5 MHz								
88.42	H	48.15	-62.87	0.00	0.27	-63.14	-13.00	50.14
348.16	V	59.28	-47.54	0.00	0.58	-48.12	-13.00	35.12
1559.00	H	48.23	-68.15	9.29	0.41	-59.27	-40.00	19.27
1559.00	V	49.24	-67.79	9.29	0.41	-58.91	-40.00	18.91
2338.50	H	47.84	-67.48	9.46	0.60	-58.62	-13.00	45.62
2338.50	V	48.32	-66.91	9.46	0.60	-58.05	-13.00	45.05
3118.00	H	47.26	-64.75	10.29	0.73	-55.19	-13.00	42.19
3118.00	V	46.87	-65.73	10.29	0.73	-56.17	-13.00	43.17
1RB, 5MHz, QPSK, Frequency: 784.5 MHz								
88.06	H	48.66	-62.25	0.00	0.27	-62.52	-13.00	49.52
348.09	V	59.74	-47.09	0.00	0.58	-47.67	-13.00	34.67
1569.00	H	49.36	-67.00	9.31	0.41	-58.10	-40.00	18.10
1569.00	V	49.44	-67.74	9.31	0.41	-58.84	-40.00	18.84
2353.50	H	49.25	-66.07	9.43	0.60	-57.24	-13.00	44.24
2353.50	V	49.18	-65.91	9.43	0.60	-57.08	-13.00	44.08
3138.00	H	47.23	-64.72	10.31	0.73	-55.14	-13.00	42.14
3138.00	V	47.16	-65.38	10.31	0.73	-55.80	-13.00	42.80

LTE Band 14 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 790.5MHz								
88.19	H	48.14	-62.81	0.00	0.27	-63.08	-13.00	50.08
348.22	V	59.29	-47.53	0.00	0.58	-48.11	-13.00	35.11
1581.00	H	50.64	-65.71	9.33	0.42	-56.80	-40.00	16.80
1581.00	V	50.18	-67.17	9.33	0.42	-58.26	-40.00	18.26
2371.50	H	49.17	-66.15	9.41	0.60	-57.34	-13.00	44.34
2371.50	V	48.83	-66.11	9.41	0.60	-57.30	-13.00	44.30
3162.00	H	46.58	-65.30	10.33	0.73	-55.70	-13.00	42.70
3162.00	V	47.23	-65.24	10.33	0.73	-55.64	-13.00	42.64
1RB, 5MHz, QPSK, Frequency:795.5 MHz								
88.24	H	48.26	-62.70	0.00	0.27	-62.97	-13.00	49.97
348.87	V	59.36	-47.44	0.00	0.58	-48.02	-13.00	35.02
1591.00	H	50.62	-65.71	9.35	0.42	-56.78	-40.00	16.78
1591.00	V	50.08	-67.42	9.35	0.42	-58.49	-40.00	18.49
2386.50	H	51.60	-63.72	9.38	0.61	-54.95	-13.00	41.95
2386.50	V	50.47	-64.34	9.38	0.61	-55.57	-13.00	42.57
3182.00	H	47.15	-64.67	10.35	0.73	-55.05	-13.00	42.05
3182.00	V	47.38	-65.03	10.35	0.73	-55.41	-13.00	42.41

LTE Band 17 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 706.5MHz								
88.27	H	48.17	-62.80	0.00	0.27	-63.07	-13.00	50.07
349.96	V	60.03	-46.74	0.00	0.59	-47.33	-13.00	34.33
1413.00	H	50.32	-65.67	8.70	0.38	-57.35	-13.00	44.35
1413.00	V	50.54	-65.23	8.70	0.38	-56.91	-13.00	43.91
2119.50	H	49.63	-64.69	9.81	0.57	-55.45	-13.00	42.45
2119.50	V	49.56	-64.68	9.81	0.57	-55.44	-13.00	42.44
2826.00	H	47.56	-67.18	9.85	0.69	-58.02	-13.00	45.02
2826.00	V	47.36	-67.25	9.85	0.69	-58.09	-13.00	45.09
1RB, 5MHz, QPSK, Frequency:710 MHz								
88.56	H	48.34	-62.72	0.00	0.27	-62.99	-13.00	49.99
349.63	V	60.29	-46.49	0.00	0.59	-47.08	-13.00	34.08
1420.00	H	52.41	-63.62	8.74	0.38	-55.26	-13.00	42.26
1420.00	V	51.80	-64.00	8.74	0.38	-55.64	-13.00	42.64
2130.00	H	52.12	-62.29	9.79	0.58	-53.08	-13.00	40.08
2130.00	V	51.60	-62.71	9.79	0.58	-53.50	-13.00	40.50
2840.00	H	47.32	-67.34	9.88	0.69	-58.15	-13.00	45.15
2840.00	V	47.21	-67.40	9.88	0.69	-58.21	-13.00	45.21
1RB, 5MHz, QPSK, Frequency: 713.5 MHz								
88.22	H	48.55	-62.41	0.00	0.27	-62.68	-13.00	49.68
349.76	V	60.14	-46.63	0.00	0.59	-47.22	-13.00	34.22
1427.00	H	52.86	-63.21	8.78	0.38	-54.81	-13.00	41.81
1427.00	V	51.36	-64.47	8.78	0.38	-56.07	-13.00	43.07
2140.50	H	48.07	-66.44	9.78	0.58	-57.24	-13.00	44.24
2140.50	V	48.53	-65.85	9.78	0.58	-56.65	-13.00	43.65
2854.00	H	47.24	-67.34	9.91	0.70	-58.13	-13.00	45.13
2854.00	V	47.68	-66.92	9.91	0.70	-57.71	-13.00	44.71

LTE Band 25 (30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 1850.7 MHz								
88.45	H	49.28	-61.75	0.00	0.27	-62.02	-13.00	49.02
350.17	V	60.16	-46.60	0.00	0.59	-47.19	-13.00	34.19
3700.80	H	50.45	-62.14	10.72	0.74	-52.16	-13.00	39.16
3700.80	V	49.66	-63.26	10.72	0.74	-53.28	-13.00	40.28
5551.20	H	48.69	-62.63	11.69	1.05	-51.99	-13.00	38.99
5551.20	V	49.36	-61.50	11.69	1.05	-50.86	-13.00	37.86
1RB, 1.4MHz, QPSK, Frequency:1882.5 MHz								
88.96	H	49.26	-61.92	0.00	0.27	-62.19	-13.00	49.19
350.29	V	60.09	-46.67	0.00	0.59	-47.26	-13.00	34.26
3765.00	H	47.43	-65.02	10.76	0.75	-55.01	-13.00	42.01
3765.00	V	47.68	-64.90	10.76	0.75	-54.89	-13.00	41.89
5647.50	H	47.67	-63.82	11.67	1.05	-53.20	-13.00	40.20
5647.50	V	47.59	-63.37	11.67	1.05	-52.75	-13.00	39.75
1RB, 1.4MHz, QPSK, Frequency: 1914.3 MHz								
88.04	H	49.27	-61.63	0.00	0.27	-61.90	-13.00	48.90
350.66	V	60.74	-46.00	0.00	0.59	-46.59	-13.00	33.59
3828.60	H	48.44	-63.62	10.80	0.76	-53.58	-13.00	40.58
3828.60	V	48.69	-63.27	10.80	0.76	-53.23	-13.00	40.23
5742.90	H	47.68	-64.32	11.65	1.05	-53.72	-13.00	40.72
5742.90	V	47.63	-63.75	11.65	1.05	-53.15	-13.00	40.15

**LTE Band 26 (30MHz-10GHz):
814-824MHz:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 814.7 MHz								
88.29	H	49.65	-61.33	0.00	0.27	-61.60	-13.00	48.60
350.45	V	58.47	-48.28	0.00	0.59	-48.87	-13.00	35.87
1629.40	H	50.52	-65.70	9.41	0.43	-56.72	-13.00	43.72
1629.40	V	50.47	-66.87	9.41	0.43	-57.89	-13.00	44.89
2444.10	H	49.80	-65.16	9.29	0.61	-56.48	-13.00	43.48
2444.10	V	49.93	-64.82	9.29	0.61	-56.14	-13.00	43.14
3258.80	H	48.22	-63.56	10.41	0.72	-53.87	-13.00	40.87
3258.80	V	47.76	-64.60	10.41	0.72	-54.91	-13.00	41.91
1RB, 1.4MHz, QPSK, Frequency: 819MHz								
88.97	H	49.06	-62.12	0.00	0.27	-62.39	-13.00	49.39
350.08	V	58.06	-48.70	0.00	0.59	-49.29	-13.00	36.29
1638.00	H	50.26	-65.93	9.42	0.44	-56.95	-13.00	43.95
1638.00	V	50.38	-66.88	9.42	0.44	-57.90	-13.00	44.90
2457.00	H	49.67	-65.19	9.27	0.61	-56.53	-13.00	43.53
2457.00	V	50.27	-64.49	9.27	0.61	-55.83	-13.00	42.83
3276.00	H	47.56	-64.23	10.42	0.72	-54.53	-13.00	41.53
3276.00	V	47.74	-64.62	10.42	0.72	-54.92	-13.00	41.92
1RB, 1.4MHz, QPSK, Frequency: 823.3MHz								
88.74	H	49.27	-61.84	0.00	0.27	-62.11	-13.00	49.11
350.99	V	58.19	-48.54	0.00	0.59	-49.13	-13.00	36.13
1646.60	H	50.63	-65.54	9.43	0.44	-56.55	-13.00	43.55
1646.60	V	50.57	-66.61	9.43	0.44	-57.62	-13.00	44.62
2469.90	H	49.76	-64.99	9.25	0.62	-56.36	-13.00	43.36
2469.90	V	49.82	-64.96	9.25	0.62	-56.33	-13.00	43.33
3293.20	H	47.68	-64.11	10.43	0.72	-54.40	-13.00	41.40
3293.20	V	48.06	-64.30	10.43	0.72	-54.59	-13.00	41.59

**LTE Band 26 (30MHz-10GHz):
824-849MHz:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 824.7 MHz								
88.10	H	49.16	-61.76	0.00	0.27	-62.03	-13.00	49.03
350.08	V	58.33	-48.43	0.00	0.59	-49.02	-13.00	36.02
1649.40	H	50.65	-65.51	9.44	0.44	-56.51	-13.00	43.51
1649.40	V	50.37	-66.78	9.44	0.44	-57.78	-13.00	44.78
2474.10	H	50.44	-64.28	9.24	0.62	-55.66	-13.00	42.66
2474.10	V	49.75	-65.04	9.24	0.62	-56.42	-13.00	43.42
3298.80	H	47.84	-63.95	10.44	0.72	-54.23	-13.00	41.23
3298.80	V	47.52	-64.84	10.44	0.72	-55.12	-13.00	42.12
1RB, 1.4MHz, QPSK, Frequency:836.5 MHz								
88.16	H	49.19	-61.75	0.00	0.27	-62.02	-13.00	49.02
350.17	V	58.51	-48.25	0.00	0.59	-48.84	-13.00	35.84
1673.00	H	51.16	-64.92	9.48	0.45	-55.89	-13.00	42.89
1673.00	V	50.54	-66.38	9.48	0.45	-57.35	-13.00	44.35
2509.50	H	49.83	-64.70	9.22	0.62	-56.10	-13.00	43.10
2509.50	V	49.67	-65.17	9.22	0.62	-56.57	-13.00	43.57
3346.00	H	48.24	-63.96	10.48	0.72	-54.20	-13.00	41.20
3346.00	V	47.56	-64.96	10.48	0.72	-55.20	-13.00	42.20
1RB, 1.4MHz, QPSK, Frequency: 848.3 MHz								
88.64	H	49.08	-62.00	0.00	0.27	-62.27	-13.00	49.27
350.68	V	58.17	-48.57	0.00	0.59	-49.16	-13.00	36.16
1696.60	H	49.68	-66.32	9.51	0.46	-57.27	-13.00	44.27
1696.60	V	49.97	-66.72	9.51	0.46	-57.67	-13.00	44.67
2544.90	H	50.58	-64.03	9.29	0.63	-55.37	-13.00	42.37
2544.90	V	50.62	-64.31	9.29	0.63	-55.65	-13.00	42.65
3393.20	H	47.85	-64.78	10.51	0.72	-54.99	-13.00	41.99
3393.20	V	48.23	-64.46	10.51	0.72	-54.67	-13.00	41.67

LTE Band 38 (30MHz-26.5GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 2572.5 MHz								
90.33	H	50.88	-60.68	0.00	0.27	-60.95	-25.00	35.95
349.13	V	60.16	-46.63	0.00	0.58	-47.21	-25.00	22.21
5145.00	H	62.63	-48.49	10.78	0.96	-38.67	-25.00	13.67
5145.00	V	61.34	-49.14	10.78	0.96	-39.32	-25.00	14.32
7717.50	H	50.48	-56.98	10.97	1.23	-47.24	-25.00	22.24
7717.50	V	48.72	-59.45	10.97	1.23	-49.71	-25.00	24.71
1RB, 5MHz, QPSK, Frequency:2595 MHz								
90.06	H	50.14	-61.37	0.00	0.27	-61.64	-25.00	36.64
349.55	V	60.25	-46.53	0.00	0.59	-47.12	-25.00	22.12
5190.00	H	54.40	-57.12	10.89	0.97	-47.20	-25.00	22.20
5190.00	V	49.95	-60.81	10.89	0.97	-50.89	-25.00	25.89
7785.00	H	47.15	-60.13	11.03	1.24	-50.34	-25.00	25.34
7785.00	V	47.13	-60.84	11.03	1.24	-51.05	-25.00	26.05
1RB, 5MHz, QPSK, Frequency: 2617.5 MHz								
90.18	H	50.26	-61.27	0.00	0.27	-61.54	-25.00	36.54
349.10	V	60.33	-46.46	0.00	0.58	-47.04	-25.00	22.04
5235.00	H	57.77	-53.63	11.01	0.98	-43.60	-25.00	18.60
5235.00	V	48.50	-62.17	11.01	0.98	-52.14	-25.00	27.14
7852.50	H	46.76	-60.34	11.08	1.25	-50.51	-25.00	25.51
7852.50	V	47.43	-60.35	11.08	1.25	-50.52	-25.00	25.52

LTE Band 41 (30MHz-27GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 2498.5 MHz								
90.25	H	50.37	-61.17	0.00	0.27	-61.44	-25.00	36.44
348.55	V	58.16	-48.65	0.00	0.58	-49.23	-25.00	24.23
4997.00	H	52.38	-58.74	10.40	0.92	-49.26	-25.00	24.26
4997.00	V	49.55	-61.08	10.40	0.92	-51.60	-25.00	26.60
7495.50	H	47.50	-60.56	10.80	1.20	-50.96	-25.00	25.96
7495.50	V	46.86	-61.94	10.80	1.20	-52.34	-25.00	27.34
1RB, 5MHz, QPSK, Frequency:2593 MHz								
90.16	H	50.29	-61.24	0.00	0.27	-61.51	-25.00	36.51
348.62	V	58.19	-48.62	0.00	0.58	-49.20	-25.00	24.20
5186.00	H	55.03	-56.45	10.88	0.97	-46.54	-25.00	21.54
5186.00	V	49.82	-60.91	10.88	0.97	-51.00	-25.00	26.00
7779.00	H	47.26	-60.04	11.02	1.24	-50.26	-25.00	25.26
7779.00	V	47.30	-60.69	11.02	1.24	-50.91	-25.00	25.91
1RB, 5MHz, QPSK, Frequency: 2687.5 MHz								
90.38	H	50.82	-60.75	0.00	0.27	-61.02	-25.00	36.02
348.09	V	58.91	-47.92	0.00	0.58	-48.50	-25.00	23.50
5375.00	H	53.54	-57.62	11.38	1.02	-47.26	-25.00	22.26
5375.00	V	49.22	-61.52	11.38	1.02	-51.16	-25.00	26.16
8062.50	H	47.94	-58.58	11.20	1.28	-48.66	-25.00	23.66
8062.50	V	47.46	-59.71	11.20	1.28	-49.79	-25.00	24.79

LTE Band 66 (30MHz-18GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 1710.7 MHz								
90.82	H	50.64	-61.00	0.00	0.27	-61.27	-13.00	48.27
348.16	V	58.47	-48.35	0.00	0.58	-48.93	-13.00	35.93
3421.40	H	47.32	-65.55	10.54	0.72	-55.73	-13.00	42.73
3421.40	V	47.43	-65.44	10.54	0.72	-55.62	-13.00	42.62
5132.10	H	54.62	-56.38	10.74	0.95	-46.59	-13.00	33.59
5132.10	V	55.68	-54.73	10.74	0.95	-44.94	-13.00	31.94
1RB, 1.4MHz, QPSK, Frequency:1745 MHz								
90.54	H	50.42	-61.17	0.00	0.27	-61.44	-13.00	48.44
348.62	V	58.63	-48.18	0.00	0.58	-48.76	-13.00	35.76
3490.00	H	46.43	-67.02	10.59	0.72	-57.15	-13.00	44.15
3490.00	V	46.15	-67.24	10.59	0.72	-57.37	-13.00	44.37
5235.00	H	55.28	-56.12	11.01	0.98	-46.09	-13.00	33.09
5235.00	V	55.74	-54.93	11.01	0.98	-44.90	-13.00	31.90
1RB, 1.4MHz, QPSK, Frequency: 1779.3 MHz								
90.77	H	50.37	-61.26	0.00	0.27	-61.53	-13.00	48.53
349.67	V	58.64	-48.14	0.00	0.59	-48.73	-13.00	35.73
3558.60	H	47.23	-66.12	10.64	0.73	-56.21	-13.00	43.21
3558.60	V	47.15	-65.99	10.64	0.73	-56.08	-13.00	43.08
5337.90	H	55.25	-55.83	11.28	1.01	-45.56	-13.00	32.56
5337.90	V	56.47	-54.10	11.28	1.01	-43.83	-13.00	30.83

LTE Band 71 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, QPSK, Frequency: 665.5 MHz								
90.34	H	50.65	-60.91	0.00	0.27	-61.18	-13.00	48.18
349.55	V	58.94	-47.84	0.00	0.59	-48.43	-13.00	35.43
1331.00	H	50.83	-63.39	8.22	0.37	-55.54	-13.00	42.54
1331.00	V	55.36	-59.54	8.22	0.37	-51.69	-13.00	38.69
1996.50	H	53.50	-60.77	9.99	0.56	-51.34	-13.00	38.34
1996.50	V	54.82	-59.71	9.99	0.56	-50.28	-13.00	37.28
2662.00	H	46.92	-67.81	9.52	0.66	-58.95	-13.00	45.95
2662.00	V	47.28	-67.93	9.52	0.66	-59.07	-13.00	46.07
1RB, 5MHz, QPSK, Frequency:680.5 MHz								
90.06	H	50.19	-61.32	0.00	0.27	-61.59	-13.00	48.59
349.61	V	58.99	-47.79	0.00	0.59	-48.38	-13.00	35.38
1361.00	H	53.26	-61.70	8.39	0.38	-53.69	-13.00	40.69
1361.00	V	52.37	-62.88	8.39	0.38	-54.87	-13.00	41.87
2041.50	H	57.78	-56.44	9.93	0.56	-47.07	-13.00	34.07
2041.50	V	55.46	-58.91	9.93	0.56	-49.54	-13.00	36.54
2722.00	H	47.58	-67.18	9.64	0.67	-58.21	-13.00	45.21
2722.00	V	46.69	-68.45	9.64	0.67	-59.48	-13.00	46.48
1RB, 5MHz, QPSK, Frequency: 695.5 MHz								
90.37	H	50.73	-60.83	0.00	0.27	-61.10	-13.00	48.10
349.57	V	58.06	-48.72	0.00	0.59	-49.31	-13.00	36.31
1391.00	H	53.36	-62.34	8.57	0.38	-54.15	-13.00	41.15
1391.00	V	52.28	-63.32	8.57	0.38	-55.13	-13.00	42.13
2086.50	H	56.54	-57.63	9.86	0.57	-48.34	-13.00	35.34
2086.50	V	55.92	-58.26	9.86	0.57	-48.97	-13.00	35.97
2782.00	H	47.30	-67.55	9.76	0.68	-58.47	-13.00	45.47
2782.00	V	47.26	-67.49	9.76	0.68	-58.41	-13.00	45.41

Note:

- 1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
- 2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
- 3) Margin = Limit-Absolute Level

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2602P06299E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and
2602P06299E-RF-INP EUT INTERNAL PHOTOGRAPHS

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2602P06299E-RF-00F-TSP TEST SETUP PHOTOGRAPHS.

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