



FCC RADIO TEST REPORT

FCC ID : IHDT56AY3
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2629-2, XT2629-3
Applicant : Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA
Manufacturer : Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(S)

The product was received on May. 28, 2026 and testing was performed from May. 29, 2026 to Jun. 16, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG651501-01B	01	Initial issue of report	Jul. 06, 2026
FG651501-01B	02	Corrected a test mode typo for LTE B5+B66 and added Mode 1 fundamental description in Appendix B2. This report is an updated version, replacing the report issued on Jul. 06, 2026.	Jul. 09, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17)		
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
3.3	§24.232 (d) §27.50 (d)(5) §27.50 (k)(4)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §90.691	Emission masks (Band 26)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
3.6	§2.1051 §90.691	Emission masks (Band 26)	Pass	-
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)§90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.213	Frequency Stability Temperature & Voltage	Pass	-

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Aya Yang



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, FM Receiver, NFC, and GNSS.
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GNSS: PIFA Antenna NFC: Loop Antenna FM: External Earphone Antenna

Support band and evaluated information	
Supported band	B2,B4,B5,B7,B12,B13,B17,B25,B26,B38,B41,B42,B66,B2 C,B7C,B42C,B66C
Evaluated and Tested band	B2,B4,B5,B7,B12,B13,B17,B25,B26,B38,B41,B42,B66,B2 C,B7C,B42C,B66C

FDD/TDD band Power Class				
	SISO PC3	SISO PC2		
B2,B25,B2C	V			
B4,B66	V			
B5,B26	V			
B7,B7C	V			
B12	V			
B13	V			
B17	V			
B38/B38C	V			
B41/B41C	V			
B42/B42C	V			

Max Antenna Gain information(dBi)							
Band	Ant 0	Ant 1	Ant 4	Ant 5			Main Ant. #
B2,B25	-4.3						0
B4,B66	-3.9		-3.4				0
B5,B26	-5.5		-5.8				0
B7		-3.9	-4.1				1
B12	-5.7		-6				0
B13	-5.7						0
B17	-5.7						0
B38		-3.9	-4.1				4
B41			-3.8				4
B42				-3.3			5

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



Specification of Accessory				
AC Adapter 1(AR)	Brand Name	Motorola(Salcomp)	Model Name	MC-336L
AC Adapter 1(BR)	Brand Name	Motorola(Salcomp)	Model Name	MC-337L
AC Adapter 1(CL)	Brand Name	Motorola(Salcomp)	Model Name	MC-339L
AC Adapter 1(EU)	Brand Name	Motorola(Salcomp)	Model Name	MC-332L
AC Adapter 1(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-331L
AC Adapter 2(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-336L
AC Adapter 2(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-337L
AC Adapter 2(CL)	Brand Name	Motorola(Chenyang)	Model Name	MC-339L
AC Adapter 2(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-332L
AC Adapter 2(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-331L
AC Adapter 3(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-336N
AC Adapter 3(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-337N
AC Adapter 3(CL)	Brand Name	Motorola(Chenyang)	Model Name	MC-339N
AC Adapter 3(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-332N
AC Adapter 3(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-331N
Battery 1	Brand Name	Motorola (NVT)	Model Name	SF70
Battery 2	Brand Name	Motorola (CosMX)	Model Name	SF70
USB Cable 1	Brand Name	Motorola (yihuaxing)	Model Name	T365-020-01 T365-020-02
USB Cable 2	Brand Name	Motorola (hexin)	Model Name	HX-TL-08 HX-TL-07
USB Cable 3	Brand Name	Motorola (juwei)	Model Name	JWUB1705-T03H JWUB1856-T03H

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH21-HY
Test Engineer	Kevin Xiao	Jack Cheng, Ray Lung
Temperature (°C)	22.1~23	18~26
Relative Humidity (%)	53~55.1	50~70

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

FCC Designation No.: TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

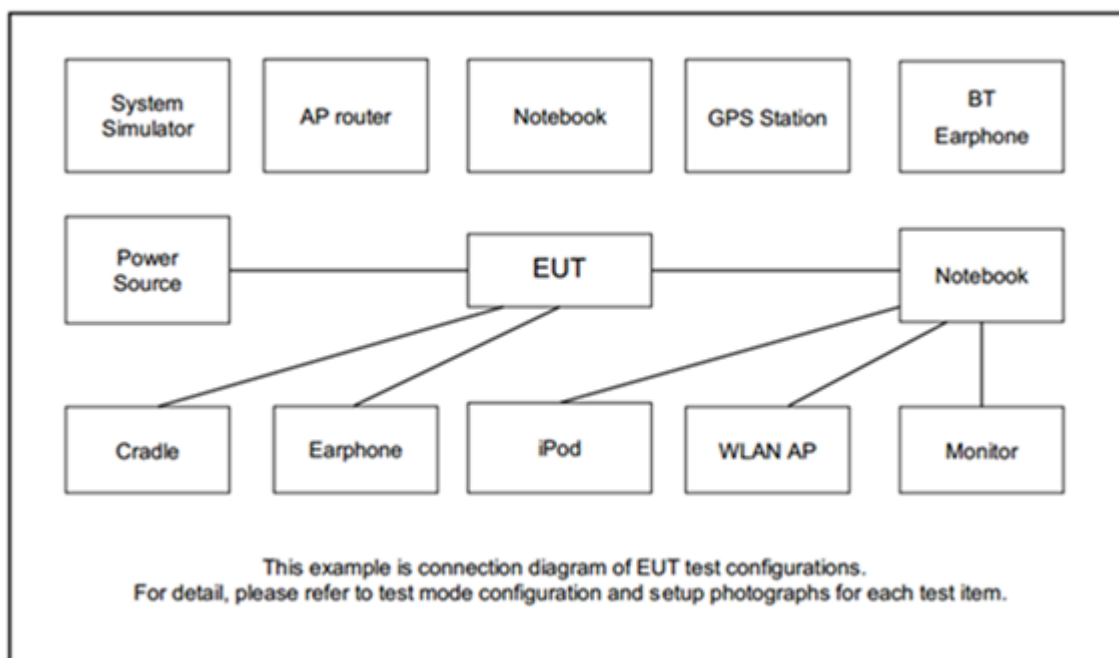
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C,D	All	1, Half, Full	L, M, H
EIRP	A, B, C,D	All	1, Half, Full	L, M, H
PAR	A, B, C,D	Max	Full	M
Bandwidth	A, B	All	Full	M
CBE	A	All	1RB Full	L, H
CSE	A	All	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	M
RSE	A	Max	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. One representative bandwidth is selected to perform PAR and frequency stability.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	8821C	N/A	N/A	N/A
2.	Power supply	GW Instek	GPE-2323	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss

$$\text{Offset} = \text{RF cable loss}$$

Following shows an offset computation example with cable loss 8.20 dB

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} \\ &= 8.20(\text{dB}) \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List (Part22H)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	26765	26790	-
	Frequency	821.5	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-



LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580.0	2595.0	2610.0
15	Channel	37825	38000	38175
	Frequency	2577.5	2595.0	2612.5
10	Channel	37800	38000	38200
	Frequency	2575.0	2595.0	2615.0
5	Channel	37775	38000	38225
	Frequency	2572.5	2595.0	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5



LTE Band 42 Channel and Frequency List (Part27Q)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5



LTE Band 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	18653	18829	19005
		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18551	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2



LTE Band 2C Channel and Frequency List_CA					
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900



LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0



LTE Band 42C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	42190	42491	42791
		Frequency	3460	3490.1	3520.1
	SCC	Channel	42388	42689	42990
		Frequency	3479.8	3509.9	3540
20 + 15	PCC	Channel	42190	42517	42844
		Frequency	3460	3492.7	3525.4
	SCC	Channel	42361	42688	43015
		Frequency	3477.1	3509.8	3542.5
15 + 20	PCC	Channel	42165	42492	42819
		Frequency	3457.5	3490.2	3522.9
	SCC	Channel	42336	42663	42990
		Frequency	3474.6	3507.3	3540
20 + 10	PCC	Channel	42190	42543	42896
		Frequency	3460	3495.3	3530.6
	SCC	Channel	42334	42687	43040
		Frequency	3474.4	3509.7	3545
10 + 20	PCC	Channel	42140	42493	42846
		Frequency	3455	3490.3	3525.6
	SCC	Channel	42284	42637	42990
		Frequency	3469.4	3504.7	3540
20 + 5	PCC	Channel	42190	42569	42948
		Frequency	3460	3497.9	3535.8
	SCC	Channel	42307	42686	43065
		Frequency	3471.7	3509.6	3547.5
5 + 20	PCC	Channel	42115	42494	42873
		Frequency	3452.5	3490.4	3528.3
	SCC	Channel	42232	42611	42990
		Frequency	3464.2	3502.1	3540

3 Conducted Test Items

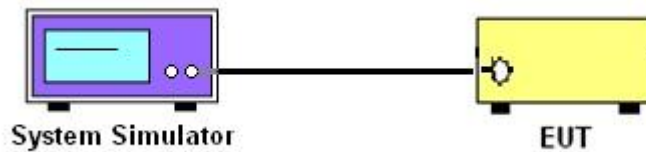
Conducted Test Items

3.1 Measuring Instruments

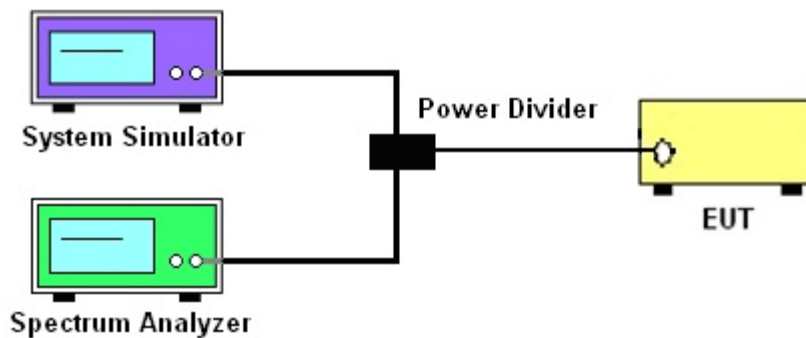
See list of measuring instruments of this test report.

3.1.1 Test Setup

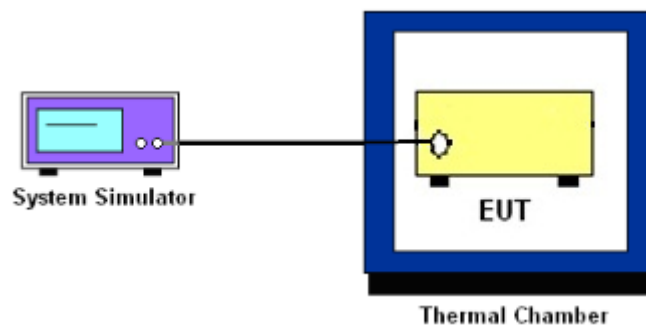
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge, Emission Mask and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5, Band 26 (Part 22H)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 17

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38, Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4, Band 66, Band 42

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. 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.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. 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.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. 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. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. 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.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(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.

27.53(n)(2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 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 $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ 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 $43 + 10 \log_{10}(P)$ 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.

3.6.2 Test Procedures

For LTE Band 26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge, RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at $20 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

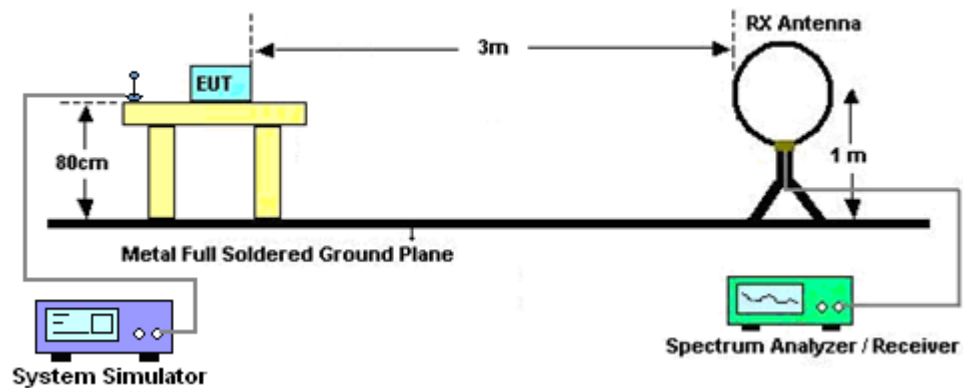
4 Radiated Test Items

4.1 Measuring Instruments

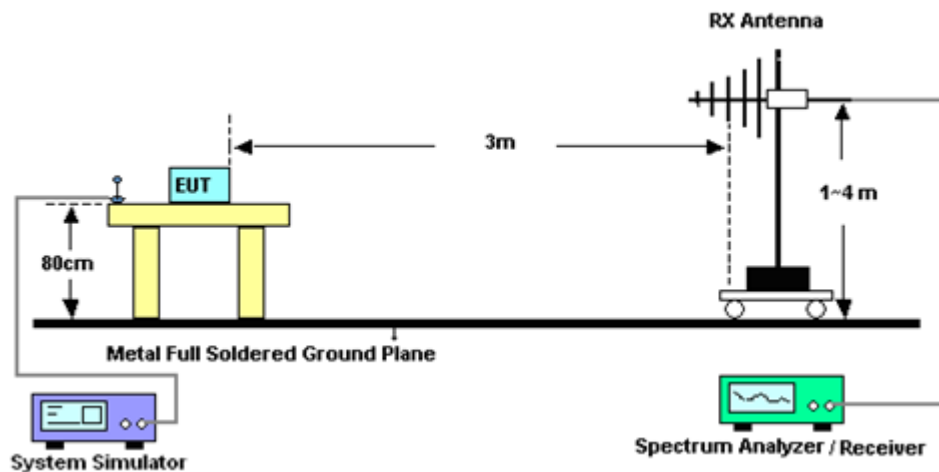
See list of measuring instruments of this test report.

4.1.1 Test Setup

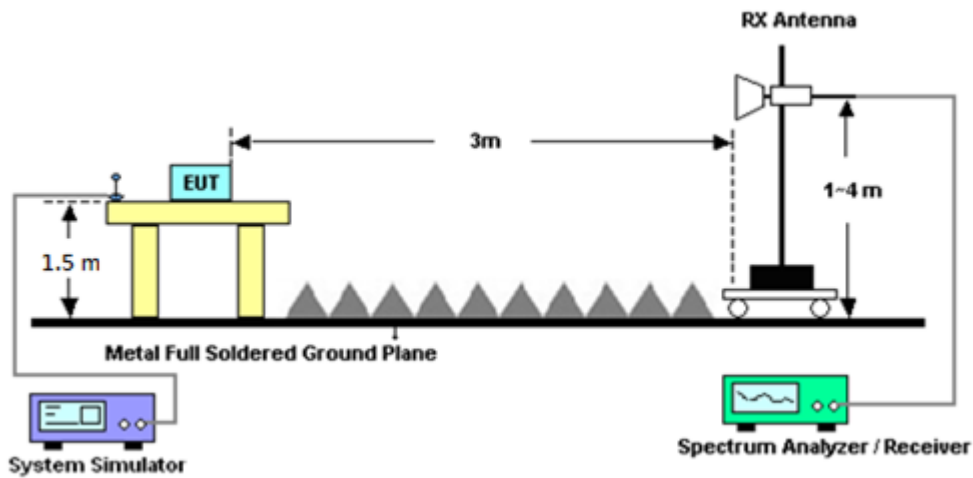
For radiated test below 30MHz



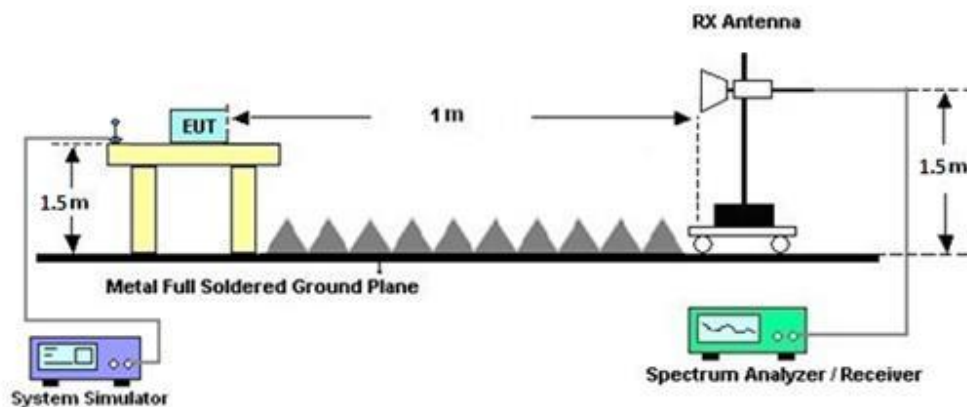
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

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

4.2.2 Test Procedures

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

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	May. 29, 2026~ Jun. 16, 2026	Mar. 15, 2027	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	May. 29, 2026~ Jun. 16, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18E N	1GHz~18GHz	Aug. 07, 2025	May. 29, 2026~ Jun. 16, 2026	Aug. 06, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	May. 29, 2026~ Jun. 16, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	May. 29, 2026~ Jun. 16, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	May. 29, 2026~ Jun. 16, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	May. 29, 2026~ Jun. 16, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 09, 2025	May. 29, 2026~ Jun. 16, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	May. 29, 2026~ Jun. 16, 2026	Mar. 03, 2027	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804 612/2,803954/ 2	30MHz~40GHz	Aug. 11, 2025	May. 29, 2026~ Jun. 16, 2026	Aug. 10, 2026	Radiation (03CH21-HY)
RF Cable	EMCI	EMC101Y-KM -KM-1000	240906	30MHz~40GHz	Oct. 21, 2025	May. 29, 2026~ Jun. 16, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	May. 29, 2026~ Jun. 16, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May. 29, 2026~ Jun. 16, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1~4m	N/A	May. 29, 2026~ Jun. 16, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May. 29, 2026~ Jun. 16, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May. 29, 2026~ Jun. 16, 2026	N/A	Radiation (03CH21-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	Jun. 01, 2026~ Jun. 15, 2026	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 24, 2025	Jun. 01, 2026~ Jun. 15, 2026	Nov. 23, 2026	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101907	10Hz~40GHz	Aug. 25, 2025	Jun. 01, 2026~ Jun. 15, 2026	Aug. 24, 2026	Conducted (TH05-HY)



Thermal Chamber	ESPEC	SU-241	92003713	-30℃ ~95℃	Feb. 23, 2026	Jun. 01, 2026~ Jun. 15, 2026	Feb. 22, 2027	Conducted (TH05-HY)
Power divider	MVE	MVE8283	#Z	0.009MHz-18 GHz	Oct. 16, 2025	Jun. 01, 2026~ Jun. 15, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Power divider	MVE	MVE8283	E800018	9KHz~40GHz	Sep. 05,2025	Jun. 01, 2026~ Jun. 15, 2026	Sep. 04,2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Jun. 01, 2026~ Jun. 15, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50℃ / 20 ~ 95%RH	Mar. 04,2026	Jun. 01, 2026~ Jun. 15, 2026	Mar. 03,2027	Conducted (TH05-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.40 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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Appendix A. Test Results of Conducted Test

Band 2-ANTO-PA									
BW (MHz)	Modulation	RS Size	RS Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	ERP(W)	M	H
Channel									
18700 18900 19100									
Frequency (MHz)									
20	QPSK	1	0	22.87	22.87	22.87	0.0687	0.0687	0.0679
20	QPSK	1	48	22.74	22.75	22.68	0.0688	0.0700	0.0686
20	QPSK	1	96	22.54	22.56	22.54	0.0687	0.0687	0.0687
20	QPSK	1	144	22.34	22.36	22.34	0.0687	0.0687	0.0687
20	QPSK	1	192	22.14	22.16	22.14	0.0687	0.0687	0.0687
20	QPSK	1	240	21.94	21.96	21.93	0.0683	0.0689	0.0679
20	QPSK	1	288	21.74	21.76	21.73	0.0683	0.0689	0.0679
20	QPSK	1	336	21.54	21.57	21.57	0.0688	0.0678	0.0668
20	QPSK	1	384	21.34	21.37	21.37	0.0688	0.0678	0.0668
20	QPSK	1	432	21.14	21.17	21.17	0.0688	0.0678	0.0668
20	QPSK	1	480	20.94	20.97	20.97	0.0688	0.0678	0.0668
20	QPSK	1	528	20.74	20.77	20.77	0.0688	0.0678	0.0668
20	QPSK	1	576	20.54	20.57	20.57	0.0688	0.0678	0.0668
20	QPSK	1	624	20.34	20.37	20.37	0.0688	0.0678	0.0668
20	QPSK	1	672	20.14	20.17	20.17	0.0688	0.0678	0.0668
20	QPSK	1	720	19.94	19.97	19.97	0.0688	0.0678	0.0668
20	QPSK	1	768	19.74	19.77	19.77	0.0688	0.0678	0.0668
20	QPSK	1	816	19.54	19.57	19.57	0.0688	0.0678	0.0668
20	QPSK	1	864	19.34	19.37	19.37	0.0688	0.0678	0.0668
20	QPSK	1	912	19.14	19.17	19.17	0.0688	0.0678	0.0668
20	QPSK	1	960	18.94	18.97	18.97	0.0688	0.0678	0.0668
20	QPSK	1	1008	18.74	18.77	18.77	0.0688	0.0678	0.0668
20	QPSK	1	1056	18.54	18.57	18.57	0.0688	0.0678	0.0668
20	QPSK	1	1104	18.34	18.37	18.37	0.0688	0.0678	0.0668
20	QPSK	1	1152	18.14	18.17	18.17	0.0688	0.0678	0.0668
20	QPSK	1	1200	17.94	17.97	17.97	0.0688	0.0678	0.0668
20	QPSK	1	1248	17.74	17.77	17.77	0.0688	0.0678	0.0668
20	QPSK	1	1296	17.54	17.57	17.57	0.0688	0.0678	0.0668
20	QPSK	1	1344	17.34	17.37	17.37	0.0688	0.0678	0.0668
20	QPSK	1	1392	17.14	17.17	17.17	0.0688	0.0678	0.0668
20	QPSK	1	1440	16.94	16.97	16.97	0.0688	0.0678	0.0668
20	QPSK	1	1488	16.74	16.77	16.77	0.0688	0.0678	0.0668
20	QPSK	1	1536	16.54	16.57	16.57	0.0688	0.0678	0.0668
20	QPSK	1	1584	16.34	16.37	16.37	0.0688	0.0678	0.0668
20	QPSK	1	1632	16.14	16.17	16.17	0.0688	0.0678	0.0668
20	QPSK	1	1680	15.94	15.97	15.97	0.0688	0.0678	0.0668
20	QPSK	1	1728	15.74	15.77	15.77	0.0688	0.0678	0.0668
20	QPSK	1	1776	15.54	15.57	15.57	0.0688	0.0678	0.0668
20	QPSK	1	1824	15.34	15.37	15.37	0.0688	0.0678	0.0668
20	QPSK	1	1872	15.14	15.17	15.17	0.0688	0.0678	0.0668
20	QPSK	1	1920	14.94	14.97	14.97	0.0688	0.0678	0.0668
20	QPSK	1	1968	14.74	14.77	14.77	0.0688	0.0678	0.0668
20	QPSK	1	2016	14.54	14.57	14.57	0.0688	0.0678	0.0668
20	QPSK	1	2064	14.34	14.37	14.37	0.0688	0.0678	0.0668
20	QPSK	1	2112	14.14	14.17	14.17	0.0688	0.0678	0.0668
20	QPSK	1	2160	13.94	13.97	13.97	0.0688	0.0678	0.0668
20	QPSK	1	2208	13.74	13.77	13.77	0.0688	0.0678	0.0668
20	QPSK	1	2256	13.54	13.57	13.57	0.0688	0.0678	0.0668
20	QPSK	1	2304	13.34	13.37	13.37	0.0688	0.0678	0.0668
20	QPSK	1	2352	13.14	13.17	13.17	0.0688	0.0678	0.0668
20	QPSK	1	2400	12.94	12.97	12.97	0.0688	0.0678	0.0668
20	QPSK	1	2448	12.74	12.77	12.77	0.0688	0.0678	0.0668
20	QPSK	1	2496	12.54	12.57	12.57	0.0688	0.0678	0.0668
20	QPSK	1	2544	12.34	12.37	12.37	0.0688	0.0678	0.0668
20	QPSK	1	2592	12.14	12.17	12.17	0.0688	0.0678	0.0668
20	QPSK	1	2640	11.94	11.97	11.97	0.0688	0.0678	0.0668
20	QPSK	1	2688	11.74	11.77	11.77	0.0688	0.0678	0.0668
20	QPSK	1	2736	11.54	11.57	11.57	0.0688	0.0678	0.0668
20	QPSK	1	2784	11.34	11.37	11.37	0.0688	0.0678	0.0668
20	QPSK	1	2832	11.14	11.17	11.17	0.0688	0.0678	0.0668
20	QPSK	1	2880	10.94	10.97	10.97	0.0688	0.0678	0.0668
20	QPSK	1	2928	10.74	10.77	10.77	0.0688	0.0678	0.0668
20	QPSK	1	2976	10.54	10.57	10.57	0.0688	0.0678	0.0668
20	QPSK	1	3024	10.34	10.37	10.37	0.0688	0.0678	0.0668
20	QPSK	1	3072	10.14	10.17	10.17	0.0688	0.0678	0.0668
20	QPSK	1	3120	9.94	9.97	9.97	0.0688	0.0678	0.0668
20	QPSK	1	3168	9.74	9.77	9.77	0.0688	0.0678	0.0668
20	QPSK	1	3216	9.54	9.57	9.57	0.0688	0.0678	0.0668
20	QPSK	1	3264	9.34	9.37	9.37	0.0688	0.0678	0.0668
20	QPSK	1	3312	9.14	9.17	9.17	0.0688	0.0678	0.0668
20	QPSK	1	3360	8.94	8.97	8.97	0.0688	0.0678	0.0668
20	QPSK	1	3408	8.74	8.77	8.77	0.0688	0.0678	0.0668
20	QPSK	1	3456	8.54	8.57	8.57	0.0688	0.0678	0.0668
20	QPSK	1	3504	8.34	8.37	8.37	0.0688	0.0678	0.0668
20	QPSK	1	3552	8.14	8.17	8.17	0.0688	0.0678	0.0668
20	QPSK	1	3600	7.94	7.97	7.97	0.0688	0.0678	0.0668
20	QPSK	1	3648	7.74	7.77	7.77	0.0688	0.0678	0.0668
20	QPSK	1	3696	7.54	7.57	7.57	0.0688	0.0678	0.0668
20	QPSK	1	3744	7.34	7.37	7.37	0.0688	0.0678	0.0668
20	QPSK	1	3792	7.14	7.17	7.17	0.0688	0.0678	0.0668
20	QPSK	1	3840	6.94	6.97	6.97	0.0688	0.0678	0.0668
20	QPSK	1	3888	6.74	6.77	6.77	0.0688	0.0678	0.0668
20	QPSK	1	3936	6.54	6.57	6.57	0.0688	0.0678	0.0668
20	QPSK	1	3984	6.34	6.37	6.37	0.0688	0.0678	0.0668
20	QPSK	1	4032	6.14	6.17	6.17	0.0688	0.0678	0.0668
20	QPSK	1	4080	5.94	5.97	5.97	0.0688	0.0678	0.0668
20	QPSK	1	4128	5.74	5.77	5.77	0.0688	0.0678	0.0668
20	QPSK	1	4176	5.54	5.57	5.57	0.0688	0.0678	0.0668
20	QPSK	1	4224	5.34	5.37	5.37	0.0688	0.0678	0.0668
20	QPSK	1	4272	5.14	5.17	5.17	0.0688	0.0678	0.0668
20	QPSK	1	4320	4.94	4.97	4.97	0.0688	0.0678	0.0668
20	QPSK	1	4368	4.74	4.77	4.77	0.0688	0.0678	0.0668
20	QPSK	1	4416	4.54	4.57	4.57	0.0688	0.0678	0.0668
20	QPSK	1	4464	4.34	4.37	4.37	0.0688	0.0678	0.0668
20	QPSK	1	4512	4.14	4.17	4.17	0.0688	0.0678	0.0668
20	QPSK	1	4560	3.94	3.97	3.97	0.0688	0.0678	0.0668
20	QPSK	1	4608	3.74	3.77	3.77	0.0688	0.0678	0.0668
20	QPSK	1	4656	3.54	3.57	3.57	0.0688	0.0678	0.0668
20	QPSK	1	4704	3.34	3.37	3.37	0.0688	0.0678	0.0668
20	QPSK	1	4752	3.14	3.17	3.17	0.0688	0.0678	0.0668
20	QPSK	1	4800	2.94	2.97	2.97	0.0688	0.0678	0.0668
20	QPSK	1	4848	2.74	2.77	2.77	0.0688	0.0678	0.0668
20	QPSK	1	4896	2.54	2.57	2.57	0.0688	0.0678	0.0668
20	QPSK	1	4944	2.34	2.37	2.37	0.0688	0.0678	0.0668
20	QPSK	1	4992	2.14	2.17	2.17	0.0688	0.0678	0.0668
20	QPSK	1	5040	1.94	1.97	1.97	0.0688	0.0678	0.0668
20	QPSK	1	5088	1.74	1.77	1.77	0.0688	0.0678	0.0668
20	QPSK	1	5136	1.54	1.57	1.57	0.0688	0.0678	0.0668
20	QPSK	1	5184	1.34	1.37	1.37	0.0688	0.0678	0.0668
20	QPSK	1	5232	1.14	1.17	1.17	0.0688	0.0678	0.0668
20	QPSK	1	5280	0.94	0.97	0.97	0.0688	0.0678	0.0668
20	QPSK	1	5328	0.74	0.77	0.77	0.0688	0.0678	0.0668
20	QPSK	1	5376	0.54	0.57	0.57	0.0688	0.0678	0.0668
20	QPSK	1	5424	0.34	0.37	0.37	0.0688	0.0678	0.0668
20	QPSK	1	5472	0.14	0.17	0.17	0.0688	0.0678	0.0668
20	QPSK	1	5520	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5568	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5616	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5664	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5712	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5760	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5808	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5856	0.00	0.00	0.00	0.0688	0.0678	0.0668
20	QPSK	1	5904	0.00	0.00	0.00	0.0688	0.0678	0.0668

Band 2-ANT0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	ESRPW	M	H
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.68	22.72	22.65	0.0689	0.0695	0.0698
20	QPSK	1	49	22.74	22.83	22.62	0.0698	0.0713	0.0679
20	QPSK	1	98	22.80	22.81	22.60	0.0679	0.0684	0.0683
20	QPSK	50	0	22.10	22.14	21.95	0.0603	0.0608	0.0592
20	QPSK	24	21.21	22.16	22.05	0.0604	0.0611	0.0598	
20	QPSK	150	0	21.98	22.08	21.81	0.0581	0.0586	0.0577
20	QPSK	150	21.21	22.02	22.02	0.0590	0.0607	0.0592	
20	16QAM	1	0	22.26	22.39	22.15	0.0626	0.0644	0.0610
20	16QAM	1	49	22.26	22.37	22.17	0.0640	0.0641	0.0612
20	16QAM	1	98	22.26	22.33	22.12	0.0626	0.0635	0.0600
20	16QAM	50	0	21.05	21.06	20.91	0.0473	0.0474	0.0458
20	16QAM	50	24	21.08	21.15	20.93	0.0478	0.0484	0.0460
20	16QAM	150	0	21.06	21.19	21.03	0.0474	0.0489	0.0471
20	16QAM	150	21.06	21.21	21.02	0.0476	0.0494	0.0478	
20	16QAM	1	0	21.27	21.31	21.13	0.0498	0.0502	0.0482
20	16QAM	1	49	21.12	21.27	21.15	0.0481	0.0498	0.0484
20	16QAM	1	98	21.28	21.29	21.08	0.0478	0.0481	0.0467
20	16QAM	50	0	19.99	20.09	19.85	0.0371	0.0379	0.0359
20	16QAM	50	24	20.05	20.14	19.89	0.0378	0.0384	0.0362
20	16QAM	150	0	19.99	20.14	19.86	0.0371	0.0384	0.0368
20	16QAM	150	20.04	20.20	20.04	0.0380	0.0390	0.0375	
20	256QAM	1	0	18.15	18.16	18.02	0.0243	0.0243	0.0238
20	256QAM	1	49	18.24	18.29	18.17	0.0248	0.0251	0.0244
20	256QAM	1	98	18.24	18.24	18.03	0.0243	0.0243	0.0238
20	256QAM	50	0	17.99	18.14	17.90	0.0234	0.0242	0.0229
20	256QAM	50	24	17.92	18.07	17.85	0.0230	0.0238	0.0226
20	256QAM	150	0	18.18	18.20	18.04	0.0244	0.0245	0.0237
20	256QAM	150	18.17	18.15	17.98	0.0240	0.0243	0.0235	
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.62	22.71	22.48	0.0679	0.0693	0.0658
15	QPSK	1	37	22.67	22.72	22.50	0.0667	0.0681	0.0647
15	QPSK	1	74	22.57	22.70	22.49	0.0671	0.0701	0.0659
15	QPSK	36	0	21.98	21.99	21.92	0.0580	0.0587	0.0578
15	QPSK	36	20	21.96	22.04	21.84	0.0583	0.0595	0.0572
15	QPSK	36	21.98	21.93	21.90	0.0581	0.0579	0.0575	
15	QPSK	36	0	21.87	22.05	21.80	0.0571	0.0586	0.0562
15	16QAM	1	0	22.15	22.32	22.08	0.0610	0.0634	0.0600
15	16QAM	1	37	22.15	22.27	22.08	0.0610	0.0627	0.0592
15	16QAM	1	74	22.19	22.31	22.02	0.0612	0.0632	0.0592
15	16QAM	36	0	20.95	21.02	20.89	0.0462	0.0470	0.0458
15	16QAM	36	20	21.07	21.02	20.79	0.0474	0.0475	0.0460
15	16QAM	36	21.01	21.07	21.01	0.0469	0.0475	0.0469	
15	16QAM	36	0	20.99	21.06	21.01	0.0467	0.0474	0.0469
15	16QAM	1	0	21.22	21.18	21.03	0.0492	0.0485	0.0471
15	16QAM	1	37	21.22	21.18	21.13	0.0492	0.0481	0.0482
15	16QAM	1	74	21.21	21.19	21.04	0.0480	0.0489	0.0472
15	16QAM	36	0	19.84	20.02	19.79	0.0388	0.0373	0.0354
15	16QAM	36	20	19.84	20.07	19.68	0.0395	0.0378	0.0369
15	16QAM	36	20.05	19.89	19.84	0.0395	0.0391	0.0387	
15	16QAM	75	0	20.07	20.14	19.96	0.0398	0.0384	0.0383
15	256QAM	1	0	18.14	18.11	17.89	0.0242	0.0240	0.0229
15	256QAM	1	37	18.28	18.24	18.04	0.0240	0.0239	0.0234
15	256QAM	1	74	18.03	18.22	17.96	0.0238	0.0247	0.0232
15	256QAM	36	0	17.87	18.13	17.86	0.0228	0.0240	0.0227
15	256QAM	36	20	17.87	18.02	17.78	0.0228	0.0236	0.0223
15	256QAM	36	20.05	18.19	17.82	0.0228	0.0235	0.0228	
15	256QAM	75	0	17.99	18.05	17.85	0.0234	0.0237	0.0232
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.53	22.63	22.50	0.0655	0.0651	0.0641
10	QPSK	1	25	22.60	22.72	22.49	0.0676	0.0695	0.0659
10	QPSK	1	49	22.59	22.74	22.53	0.0675	0.0698	0.0669
10	QPSK	25	0	21.95	22.01	21.87	0.0582	0.0590	0.0571
10	QPSK	25	25	22.07	22.13	22.04	0.0588	0.0597	0.0584
10	QPSK	25	0	21.91	21.94	21.90	0.0577	0.0581	0.0575
10	QPSK	50	0	21.95	22.12	21.97	0.0582	0.0605	0.0585
10	QPSK	50	24	21.92	22.29	22.14	0.0585	0.0620	0.0589
10	16QAM	1	0	22.26	22.31	22.10	0.0625	0.0632	0.0603
10	16QAM	1	49	22.23	22.31	22.11	0.0621	0.0632	0.0604
10	16QAM	25	0	20.97	21.01	20.83	0.0465	0.0469	0.0450
10	16QAM	25	20.93	21.00	21.03	0.0467	0.0471	0.0468	
10	16QAM	25	0	20.99	21.18	21.02	0.0467	0.0488	0.0470
10	16QAM	50	0	21.00	21.15	20.96	0.0488	0.0484	0.0483
10	16QAM	50	24	21.17	21.29	21.09	0.0492	0.0490	0.0491
10	16QAM	1	0	21.07	21.26	21.00	0.0475	0.0497	0.0468
10	16QAM	1	49	21.19	21.14	21.04	0.0488	0.0483	0.0472
10	16QAM	25	0	19.89	20.08	19.70	0.0382	0.0378	0.0347
10	16QAM	25	20	19.84	20.00	19.84	0.0370	0.0374	0.0359
10	16QAM	25	20.03	20.09	19.95	0.0386	0.0379	0.0367	
10	16QAM	50	0	20.92	20.20	20.03	0.0373	0.0389	0.0374
10	256QAM	1	0	18.09	18.09	18.00	0.0238	0.0238	0.0234
10	256QAM	1	49	18.11	18.15	17.87	0.0230	0.0244	0.0238
10	256QAM	1	98	18.11	18.15	17.87	0.0230	0.0243	0.0228
10	256QAM	25	0	17.84	18.08	17.88	0.0226	0.0239	0.0224
10	256QAM	25	12	17.82	18.06	17.78	0.0226	0.0234	0.0222
10	256QAM	25	20	18.09	18.09	18.03	0.0239	0.0239	0.0238
10	256QAM	50	0	17.99	18.10	17.83	0.0234	0.0240	0.0228
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.57	22.69	22.51	0.0671	0.0690	0.0652
5	QPSK	1	12	22.65	22.75	22.59	0.0684	0.0705	0.0667
5	QPSK	1	24	22.68	22.75	22.51	0.0689	0.0705	0.0682
5	QPSK	12	0	22.05	22.01	21.89	0.0581	0.0581	0.0579
5	QPSK	12	7	22.10	22.09	21.84	0.0603	0.0601	0.0581
5	QPSK	12	13	21.87	22.08	21.78	0.0571	0.0597	0.0560
5	QPSK	25	0	21.27	21.30	21.22	0.0589	0.0594	0.0589
5	16QAM	1	0	22.24	22.36	22.04	0.0620	0.0640	0.0594
5	16QAM	1	12	22.25	22.32	22.05	0.0624	0.0621	0.0598
5	16QAM	1	24	22.15	22.32	22.07	0.0610	0.0610	0.0595
5	16QAM	12	0	21.05	21.02	20.87	0.0460	0.0460	0.0450
5	16QAM	12	7	21.03	21.07	20.85	0.0471	0.0475	0.0462
5	16QAM	12	13	20.97	21.12	21.02	0.0465	0.0481	0.0470
5	16QAM	25	0	21.05	21.06	21.00	0.0469	0.0470	0.0468
5	16QAM	25	0	21.20	21.22	21.00	0.0490	0.0492	0.0488
5	16QAM	25	12	21.09	21.15	21.09	0.0478	0.0484	0.0478
5	16QAM	1	0	20.16	21.23	20.34	0.0474	0.0493	0.0461
5	16QAM	1	98	21.08	21.18	21.07	0.0481	0.0484	0.0474
5	16QAM	12	7	20.04	20.08	19.76	0.0375	0.0378	0.0352
5	16QAM	12	13	19.95	20.11	19.88	0.0387	0.0381	0.0381
5	16QAM	25	0	20.29	20.12	19.76	0.0372	0.0384	0.0352
5	256QAM	1	0	18.06	18.06	17.99	0.0238	0.0238	0.0234
5	256QAM	1	12	18.23	18.17	18.03	0.0247	0.0244	0.0238
5	256QAM	1	24	18.05	18.11	17.87	0.0237	0.0238	0.0233
5	256QAM	25	0	17.86	18.12	17.85	0.0227	0.0241	0.0234
5	256QAM	25	7	17.85	17.98	17.79	0.0227	0.0233	0.0223
5	256QAM	25	12	18.04	18.11	17.90	0.0237	0.0240	0.0229
5	256QAM	25	20	17.95	18.05	17.82	0.0232	0.0237	0.0225
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.63	22.68	22.49	0.0681	0.0673	0.0659
3	QPSK	1	12	22.73	22.69	22.57	0.0697	0.0684	0.0670
3	QPSK	1	14	22.84	22.67	22.48	0.0682	0.0687	0.0658
3	QPSK	8	0	22.07	22.05	21.91	0.0598	0.0587	0.0577
3	QPSK	8	24	22.01	22.07	21.87	0.0593	0.0595	0.0586
3	QPSK	8	0	21.94	21.93	21.81	0.0591	0.0579	0.0584
3	QPSK	15	0	21.88	22.09	21.89	0.0570	0.0601	0.0574
3	QPSK	15	0	22.11	22.26	22.07	0.0584	0.0625	0.0598
3	QPSK	15	20	22.29	22.36	22.17	0.0588	0.0629	0.0602
3	16QAM	1	0	21.99	22.20	21.91	0.0615	0.0617	0.0590
3	16QAM	1	49	21.99	22.07	21.87	0.0615	0.0621	0.0590
3	16QAM	1	98	21.99	22.06	21.87	0.0615	0.0621	0.0590
3	16QAM	15	0	21.01	21.07	20.78			

Band 12-ANTO														
RB (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)							
Channel				23000	23005	23130	L	M	H					
Frequency (MHz)				701.5	701.5	713.5	L	M	H					
5	QPSK	1	0	22.83	22.91	22.86	0.0315	0.0321	0.0317					
5	QPSK	1	25	22.88	22.94	22.83	0.0318	0.0323	0.0322					
5	QPSK	1	49	22.76	22.77	22.83	0.0310	0.0310	0.0301					
5	QPSK	25	0	22.76	22.77	22.83	0.0340	0.0345	0.0343					
5	QPSK	25	12	21.78	21.82	21.75	0.0246	0.0249	0.0245					
5	QPSK	25	25	21.71	21.81	21.68	0.0245	0.0249	0.0242					
5	QPSK	25	49	21.72	21.78	21.68	0.0244	0.0249	0.0243					
5	16QAM	1	0	21.83	21.94	21.80	0.0256	0.0258	0.0248					
5	16QAM	1	25	22.02	22.08	22.00	0.0261	0.0265	0.0260					
5	16QAM	1	49	21.88	21.89	21.83	0.0253	0.0254	0.0250					
5	16QAM	25	0	20.83	20.89	20.78	0.0198	0.0201	0.0199					
5	16QAM	25	12	20.69	20.82	20.77	0.0190	0.0198	0.0194					
5	16QAM	25	25	20.69	20.73	20.67	0.0192	0.0197	0.0196					
5	16QAM	25	49	20.67	20.73	20.68	0.0191	0.0194	0.0193					
5	64QAM	1	0	20.77	20.87	20.79	0.0196	0.0203	0.0199					
5	64QAM	1	25	20.87	20.96	20.95	0.0200	0.0205	0.0204					
5	64QAM	1	49	20.81	20.90	20.88	0.0198	0.0200	0.0201					
5	64QAM	25	0	18.76	18.78	18.76	0.0098	0.0099	0.0098					
5	64QAM	25	12	20.73	20.82	20.69	0.0198	0.0198	0.0192					
5	64QAM	25	25	19.77	19.79	19.78	0.0156	0.0156	0.0155					
5	64QAM	25	49	19.86	19.79	19.75	0.0152	0.0155	0.0155					
5	256QAM	1	0	17.77	17.87	17.78	0.0098	0.0099	0.0097					
5	256QAM	1	25	17.82	17.89	17.79	0.0099	0.0101	0.0099					
5	256QAM	1	49	17.83	17.85	17.85	0.0102	0.0102	0.0100					
5	256QAM	25	0	17.78	17.78	17.76	0.0098	0.0098	0.0098					
5	256QAM	25	12	17.63	17.73	17.61	0.0095	0.0097	0.0095					
5	256QAM	25	25	17.62	17.77	17.71	0.0098	0.0098	0.0098					
5	256QAM	25	49	17.76	17.76	17.74	0.0098	0.0098	0.0098					
Channel				23005	23005	23130	ERP(W)							
Frequency (MHz)				701.5	701.5	713.5	L	M	H					
5	QPSK	1	0	22.76	22.87	22.72	0.0309	0.0318	0.0307					
5	QPSK	1	12	22.75	22.85	22.81	0.0316	0.0316	0.0313					
5	QPSK	1	25	22.72	22.75	22.83	0.0314	0.0314	0.0314					
5	QPSK	12	0	21.67	21.69	21.60	0.0241	0.0242	0.0232					
5	QPSK	12	13	21.72	21.81	21.59	0.0244	0.0249	0.0242					
5	QPSK	12	13	21.72	21.71	21.63	0.0244	0.0243	0.0238					
5	QPSK	25	0	21.70	21.71	21.71	0.0243	0.0246	0.0243					
5	16QAM	1	0	21.80	21.81	21.68	0.0248	0.0249	0.0243					
5	16QAM	1	12	22.00	22.03	21.94	0.0260	0.0262	0.0256					
5	16QAM	1	25	21.83	21.83	21.83	0.0259	0.0260	0.0259					
5	16QAM	12	0	20.54	20.66	20.58	0.0198	0.0191	0.0187					
5	16QAM	12	13	20.58	20.78	20.62	0.0187	0.0196	0.0189					
5	16QAM	12	13	20.58	20.77	20.65	0.0187	0.0196	0.0191					
5	16QAM	25	0	20.63	20.69	20.58	0.0196	0.0199	0.0194					
5	64QAM	1	0	20.76	20.72	20.63	0.0190	0.0194	0.0190					
5	64QAM	1	12	20.86	20.88	20.80	0.0200	0.0201	0.0202					
5	64QAM	1	25	20.87	20.86	20.76	0.0199	0.0201	0.0201					
5	64QAM	12	0	19.68	19.66	19.59	0.0152	0.0152	0.0152					
5	64QAM	12	13	20.76	20.70	20.61	0.0195	0.0193	0.0189					
5	64QAM	12	13	19.67	19.69	19.77	0.0152	0.0153	0.0156					
5	64QAM	25	0	18.75	18.71	18.73	0.0098	0.0098	0.0098					
5	64QAM	25	0	17.75	17.80	17.77	0.0098	0.0099	0.0096					
5	256QAM	1	12	17.67	17.82	17.76	0.0096	0.0099	0.0098					
5	256QAM	1	24	17.79	17.86	17.75	0.0099	0.0102	0.0098					
5	256QAM	1	25	17.75	17.82	17.76	0.0098	0.0100	0.0098					
5	256QAM	12	7	17.63	17.71	17.63	0.0093	0.0097	0.0093					
5	256QAM	12	13	17.67	17.70	17.64	0.0092	0.0097	0.0095					
5	256QAM	12	13	17.74	17.74	17.74	0.0096	0.0097	0.0095					
Channel				23005	23005	23130	ERP(W)							
Frequency (MHz)				701.5	701.5	714.5	L	M	H					
3	QPSK	1	0	22.73	22.85	22.75	0.0308	0.0316	0.0309					
3	QPSK	1	25	22.74	22.89	22.82	0.0310	0.0319	0.0314					
3	QPSK	1	49	22.70	22.79	22.86	0.0305	0.0309	0.0305					
3	QPSK	8	0	21.68	21.72	21.63	0.0242	0.0244	0.0233					
3	QPSK	8	4	21.68	21.72	21.67	0.0242	0.0244	0.0241					
3	QPSK	8	8	21.72	21.68	21.61	0.0244	0.0245	0.0241					
3	QPSK	15	0	21.68	21.71	21.65	0.0242	0.0243	0.0240					
3	16QAM	1	0	21.79	21.84	21.68	0.0248	0.0251	0.0242					
3	16QAM	1	8	21.86	21.90	21.86	0.0257	0.0262	0.0262					
3	16QAM	1	16	21.86	21.88	21.79	0.0254	0.0257	0.0254					
3	16QAM	8	0	20.53	20.64	20.64	0.0180	0.0190	0.0192					
3	16QAM	8	4	20.58	20.73	20.68	0.0187	0.0194	0.0192					
3	16QAM	8	8	20.58	20.68	20.68	0.0194	0.0194	0.0194					
3	16QAM	15	0	20.54	20.68	20.59	0.0198	0.0192	0.0184					
3	64QAM	1	0	20.67	20.73	20.70	0.0193	0.0194	0.0193					
3	64QAM	1	8	20.85	20.94	20.86	0.0202	0.0204	0.0200					
3	64QAM	1	16	20.87	20.79	20.79	0.0202	0.0204	0.0202					
3	64QAM	8	0	19.63	19.73	19.65	0.0151	0.0154	0.0151					
3	64QAM	8	4	20.54	20.72	20.68	0.0180	0.0194	0.0191					
3	64QAM	8	7	19.75	19.73	19.75	0.0109	0.0104	0.0109					
3	64QAM	15	0	19.69	19.69	19.69	0.0148	0.0148	0.0153					
3	256QAM	1	0	17.67	17.73	17.71	0.0096	0.0097	0.0097					
3	256QAM	1	8	17.79	17.83	17.67	0.0099	0.0100	0.0096					
3	256QAM	1	16	17.78	17.86	17.76	0.0099	0.0101	0.0099					
3	256QAM	8	0	17.56	17.61	17.61	0.0094	0.0095	0.0095					
3	256QAM	8	4	17.59	17.70	17.54	0.0094	0.0097	0.0093					
3	256QAM	8	7	17.65	17.75	17.67	0.0093	0.0097	0.0096					
3	256QAM	15	0	17.63	17.68	17.70	0.0092	0.0092	0.0092					
Channel				23007	23005	23133	ERP(W)							
Frequency (MHz)				699.7	701.5	715.3	L	M	H					
14	QPSK	1	0	22.69	22.81	22.72	0.0305	0.0313	0.0307					
14	QPSK	1	25	22.71	22.74	22.74	0.0308	0.0311	0.0311					
14	QPSK	1	5	22.51	22.64	22.51	0.0291	0.0291	0.0291					
14	QPSK	3	0	22.53	22.57	22.51	0.0294	0.0296	0.0292					
14	QPSK	3	1	22.57	22.63	22.64	0.0296	0.0301	0.0301					
14	QPSK	3	2	22.55	22.62	22.63	0.0296	0.0301	0.0301					
14	QPSK	6	0	21.50	21.57	21.62	0.0232	0.0236	0.0238					
14	16QAM	1	0	21.59	21.75	21.75	0.0237	0.0245	0.0245					
14	16QAM	1	2	21.59	21.81	21.75	0.0237	0.0245	0.0245					
14	16QAM	1	5	21.78	21.75	21.70	0.0247	0.0245	0.0243					
14	16QAM	3	0	21.59	21.55	21.50	0.0237	0.0234	0.0232					
14	16QAM	3	1	21.46	21.56	21.57	0.0230	0.0236	0.0236					
14	16QAM	3	2	21.60	21.60	21.59	0.0234	0.0237	0.0237					
14	16QAM	6	0	20.45	20.45	20.49	0.0182	0.0182	0.0184					
14	64QAM	1	0	20.47	20.69	20.51	0.0183	0.0192	0.0189					
14	64QAM	1	2	20.51	20.59	20.59	0.0187	0.0191	0.0191					
14	64QAM	1	5	20.77	20.81	20.67	0.0198	0.0198	0.0191					
14	64QAM	3	0	20.51	20.58	20.58	0.0185	0.0187	0.0179					
14	64QAM	3	1	21.68	21.69	21.56	0.0242	0.0242	0.0235					
14	64QAM	3	2	20.55	20.59	20.55	0.0187	0.0187	0.0185					
14	256QAM	1	0	19.50	19.60	19.61	0.0148	0.0150	0.0150					
14	256QAM	1	7	17.82	17.73	17.62	0.0095	0.0097	0.0095					
14	256QAM	1	15	17.86	17.73	17.62	0.0096	0.0097	0.0096					
14	256QAM	1	23	17.86	17.79	17.69	0.0099	0.0099	0.0097					
14	256QAM	3	0	17.41	17.61	17.42	0.0090	0.0095	0.0092					
14	256QAM	3	1	17.40	17.41	17.48	0.0090	0.0090	0.0092					
14	256QAM	3	2	17.42	17.42	17.45	0.0090	0.0090	0.0092					
14	256QAM	6	0	17.56	17.50	17.42	0.0094	0.0092	0.0093					

Band 13-ANT0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	ERP(W)		
Channel				2320					
	Frequency (MHz)			735	742		M		
10	QPSK	1	0	22.74	22.74		0.0008		
10	QPSK	1	25	22.92	22.92		0.0021		
10	QPSK	1	49	23.10	23.10		0.0021		
10	QPSK	25	0	21.84	21.84		0.0051		
10	QPSK	25	12	21.88	21.88		0.0051		
10	QPSK	25	25	21.81	21.81		0.0049		
10	QPSK	25	0	21.88	21.88		0.0051		
10	HQAM	1	0	22.08	22.08		0.0009		
10	HQAM	1	25	22.01	22.01		0.0021		
10	HQAM	1	49	21.89	21.89		0.0021		
10	HQAM	25	0	20.81	20.81		0.0198		
10	HQAM	25	12	20.80	20.80		0.0197		
10	HQAM	25	25	20.63	20.63		0.0199		
10	HQAM	25	0	20.68	20.68		0.0198		
10	HQAM	1	0	21.09	21.09		0.0011		
10	HQAM	1	25	20.99	20.99		0.0006		
10	HQAM	1	49	21.02	21.02		0.0007		
10	HQAM	25	19	19.79	19.79		0.0043		
10	HQAM	25	12	19.80	19.80		0.0057		
10	HQAM	25	25	19.77	19.77		0.0056		
10	HQAM	25	0	19.83	19.83		0.0053		
Channel				2320			2320		
	Frequency (MHz)			735	742	744.5	L	M	H
5	QPSK	1	0	22.65	22.61	22.70	0.0002	0.0099	0.0005
5	QPSK	1	12	22.87	22.77	22.87	0.0018	0.0099	0.0018
5	QPSK	1	24	22.63	22.72	22.72	0.0001	0.0007	0.0007
5	QPSK	12	0	21.74	21.71	21.82	0.0045	0.0243	0.0249
5	QPSK	12	7	21.74	21.81	21.77	0.0048	0.0249	0.0247
5	QPSK	12	13	21.71	21.66	21.73	0.0043	0.0240	0.0243
5	QPSK	1	0	21.88	21.82	21.81	0.0048	0.0249	0.0249
5	HQAM	1	0	21.80	22.04	22.00	0.0059	0.0020	0.0020
5	HQAM	1	12	21.98	21.74	21.93	0.0059	0.0024	0.0026
5	HQAM	1	24	21.78	21.75	21.75	0.0047	0.0043	0.0045
5	HQAM	12	0	20.69	20.78	20.68	0.0192	0.0198	0.0192
5	HQAM	12	7	20.69	20.78	20.79	0.0192	0.0196	0.0197
5	HQAM	12	13	20.75	20.77	20.68	0.0196	0.0196	0.0192
5	HQAM	25	0	20.77	20.74	20.67	0.0196	0.0198	0.0196
5	HQAM	1	0	21.02	21.07	21.03	0.0007	0.0010	0.0008
5	HQAM	1	12	20.96	20.97	20.94	0.0007	0.0009	0.0009
5	HQAM	1	24	20.90	20.97	20.97	0.0002	0.0003	0.0005
5	HQAM	12	0	19.73	19.64	19.69	0.0154	0.0151	0.0153
5	HQAM	12	7	19.73	19.74	19.79	0.0154	0.0155	0.0156
5	HQAM	12	13	19.77	19.68	19.71	0.0156	0.0156	0.0153
5	HQAM	1	0	19.98	19.95	19.98	0.0048	0.0151	0.0152
5	256QAM	1	0	17.78	17.80	17.78	0.0008	0.0001	0.0008
5	256QAM	1	12	17.83	17.81	17.79	0.0010	0.0001	0.0012
5	256QAM	1	24	17.70	17.79	17.75	0.0007	0.0009	0.0008
5	256QAM	12	0	17.83	17.79	17.78	0.0009	0.0009	0.0008
5	256QAM	12	7	17.87	17.75	17.77	0.0006	0.0006	0.0008
5	256QAM	12	13	17.72	17.74	17.64	0.0007	0.0007	0.0005
5	256QAM	25	0	17.71	17.62	17.70	0.0007	0.0009	0.0007

Band 17-ANT0									
M [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	ERP(W)		
Channel				2386	2390	2394	L	M	H
Frequency (MHz)				7065	7102	7141	L	M	H
10	QPSK	1	0	22.78	22.88	22.74	0.031	0.018	0.008
5	QPSK	1	25	22.83	22.90	22.75	0.035	0.020	0.009
5	QPSK	1	25	22.88	22.78	22.91	0.035	0.020	0.009
10	QPSK	25	0	21.72	21.82	21.73	0.024	0.024	0.024
5	QPSK	25	12	21.85	21.93	21.92	0.025	0.026	0.025
5	QPSK	25	12	21.74	21.88	21.73	0.025	0.023	0.024
5	QPSK	25	0	21.80	21.89	21.81	0.025	0.025	0.025
10	16QAM	1	0	21.95	22.10	21.98	0.047	0.026	0.029
10	16QAM	1	25	22.15	22.18	22.13	0.029	0.027	0.028
10	16QAM	1	25	22.18	21.87	21.79	0.029	0.027	0.028
10	16QAM	25	0	20.89	20.88	20.89	0.020	0.021	0.0198
10	16QAM	25	12	20.82	20.86	20.73	0.0198	0.020	0.0194
10	16QAM	25	12	20.84	20.87	20.80	0.0199	0.020	0.0197
10	16QAM	25	0	20.92	20.92	20.92	0.0195	0.019	0.0187
10	64QAM	1	0	20.83	20.93	20.82	0.0199	0.0203	0.0203
10	64QAM	1	25	20.91	20.87	20.92	0.0202	0.0205	0.0203
10	64QAM	1	25	20.97	20.99	20.91	0.0205	0.0208	0.0202
10	64QAM	25	0	19.84	19.84	19.84	0.0197	0.0197	0.0197
10	64QAM	25	12	19.78	19.86	19.71	0.0198	0.0199	0.0193
10	64QAM	25	12	19.80	19.81	19.75	0.0197	0.0197	0.0195
10	64QAM	25	0	19.85	19.85	19.85	0.0195	0.0197	0.0193
10	256QAM	1	0	17.87	17.99	17.98	0.0193	0.0193	0.0193
10	256QAM	1	25	18.02	18.04	18.03	0.0194	0.0194	0.0194
10	256QAM	1	25	17.96	17.81	17.78	0.0096	0.0098	0.0096
10	256QAM	25	0	17.82	17.82	17.82	0.0097	0.0097	0.0096
10	256QAM	25	12	17.70	17.83	17.80	0.0097	0.0100	0.0098
10	256QAM	25	12	17.73	17.84	17.74	0.0097	0.0100	0.0097
10	256QAM	25	0	17.78	17.78	17.78	0.0096	0.0096	0.0096
Channel				2386	2390	2394	ERP(W)		
Frequency (MHz)				7065	7110	7115	L	M	H
5	QPSK	1	0	22.78	22.74	22.84	0.0310	0.0308	0.0301
5	QPSK	1	25	22.82	22.78	22.82	0.0310	0.0308	0.0301
5	QPSK	1	25	22.88	22.74	22.55	0.0297	0.0298	0.0295
5	QPSK	12	0	21.71	21.67	21.70	0.0243	0.0243	0.0243
5	QPSK	12	7	21.83	21.81	21.87	0.0250	0.0249	0.0252
5	QPSK	12	13	21.67	21.82	21.71	0.0250	0.0248	0.0243
5	QPSK	12	0	21.80	21.82	21.79	0.0254	0.0249	0.0248
5	QPSK	12	0	21.90	21.98	21.95	0.0243	0.0249	0.0237
5	QPSK	12	0	22.02	22.09	22.02	0.0243	0.0249	0.0237
5	16QAM	1	24	20.68	20.83	20.71	0.0240	0.0250	0.0243
5	16QAM	12	0	20.75	20.85	20.79	0.0195	0.0202	0.0197
5	16QAM	12	7	20.73	20.79	20.59	0.0194	0.0197	0.0191
5	16QAM	12	13	20.68	20.82	20.72	0.0195	0.0198	0.0192
5	16QAM	25	0	20.73	20.81	20.70	0.0194	0.0198	0.0193
5	64QAM	1	0	20.68	20.92	20.88	0.0192	0.0203	0.0201
5	64QAM	1	24	20.83	20.87	20.87	0.0195	0.0202	0.0202
5	64QAM	12	0	20.82	20.90	20.90	0.0198	0.0202	0.0202
5	64QAM	12	7	20.69	20.75	20.76	0.0190	0.0195	0.0195
5	64QAM	12	7	20.67	19.85	19.96	0.0152	0.0154	0.0148
5	64QAM	12	13	20.66	19.86	19.96	0.0152	0.0154	0.0153
5	64QAM	25	0	19.75	19.75	19.84	0.0153	0.0155	0.0151
5	256QAM	1	0	17.85	17.88	17.85	0.0095	0.0100	0.0100
5	256QAM	1	12	17.81	17.93	17.86	0.0095	0.0100	0.0100
5	256QAM	1	24	17.82	17.79	17.76	0.0095	0.0099	0.0098
5	256QAM	12	0	17.74	17.77	17.85	0.0097	0.0098	0.0095
5	256QAM	12	7	17.73	17.73	17.80	0.0094	0.0097	0.0095
5	256QAM	12	13	17.72	17.80	17.77	0.0094	0.0097	0.0095
5	256QAM	25	0	17.65	17.65	17.67	0.0095	0.0096	0.0096

Report No.: FG651501-01B										Band 25-ANT0									
BW (MHz)		Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)											
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	22.78	22.83	22.78	0.0705	0.0713	0.0705										
20	QPSK	1	48	22.81	22.80	22.81	0.0710	0.0724	0.0713										
20	QPSK	1	96	22.84	22.82	22.84	0.0714	0.0731	0.0718										
20	QPSK	50	0	22.18	22.32	22.22	0.0614	0.0634	0.0619										
20	QPSK	50	24	22.37	22.43	22.40	0.0641	0.0660	0.0646										
20	QPSK	50	72	22.45	22.51	22.48	0.0659	0.0684	0.0664										
20	QPSK	100	0	22.27	22.41	22.28	0.0641	0.0667	0.0628										
20	16QAM	1	0	22.36	22.40	22.26	0.0636	0.0646	0.0624										
20	16QAM	1	48	22.35	22.45	22.40	0.0638	0.0653	0.0644										
20	16QAM	1	96	22.37	22.54	22.32	0.0656	0.0687	0.0644										
20	16QAM	50	0	21.20	21.29	21.26	0.0490	0.0500	0.0497										
20	16QAM	50	24	21.37	21.43	21.29	0.0509	0.0516	0.0500										
20	16QAM	50	72	21.22	21.34	21.20	0.0492	0.0506	0.0499										
20	16QAM	100	0	21.30	21.39	21.30	0.0509	0.0510	0.0501										
20	64QAM	1	0	21.34	21.35	21.32	0.0506	0.0507	0.0504										
20	64QAM	1	48	21.22	21.34	21.28	0.0492	0.0506	0.0499										
20	64QAM	1	96	21.25	21.50	21.42	0.0509	0.0521	0.0504										
20	64QAM	50	0	20.40	20.42	20.30	0.0407	0.0409	0.0398										
20	64QAM	50	24	20.30	20.45	20.34	0.0398	0.0412	0.0392										
20	64QAM	50	72	20.27	20.36	20.26	0.0404	0.0404	0.0398										
20	64QAM	100	0	20.35	20.40	20.29	0.0403	0.0407	0.0398										
20	256QAM	1	0	18.31	18.43	18.30	0.0222	0.0226	0.0201										
20	256QAM	1	48	18.18	18.28	18.20	0.0244	0.0250	0.0245										
20	256QAM	1	96	18.14	18.51	18.40	0.0254	0.0268	0.0251										
20	256QAM	50	0	18.20	18.32	18.29	0.0245	0.0252	0.0251										
20	256QAM	50	24	18.28	18.38	18.29	0.0250	0.0256	0.0254										
20	256QAM	50	72	18.28	18.41	18.34	0.0250	0.0256	0.0254										
20	256QAM	100	0	18.27	18.38	18.32	0.0249	0.0252	0.0252										
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	22.67	22.69	22.77	0.0687	0.0690	0.0703										
15	QPSK	1	48	22.63	22.71	22.67	0.0687	0.0701	0.0688										
15	QPSK	1	96	22.64	22.81	22.71	0.0682	0.0710	0.0690										
15	QPSK	36	0	22.04	22.24	22.14	0.0604	0.0622	0.0608										
15	QPSK	36	48	22.09	22.32	22.26	0.0601	0.0624	0.0604										
15	QPSK	36	96	22.18	22.24	22.22	0.0614	0.0626	0.0619										
15	QPSK	75	0	22.34	22.37	22.30	0.0637	0.0638	0.0617										
15	16QAM	1	0	22.33	22.35	22.19	0.0635	0.0638	0.0615										
15	16QAM	1	48	22.30	22.34	22.27	0.0617	0.0624	0.0615										
15	16QAM	1	96	22.29	22.52	22.27	0.0644	0.0664	0.0627										
15	16QAM	36	0	21.06	21.15	21.15	0.0474	0.0484	0.0484										
15	16QAM	36	48	21.09	21.29	21.06	0.0476	0.0494	0.0474										
15	16QAM	36	96	21.08	21.30	21.06	0.0476	0.0501	0.0474										
15	16QAM	75	0	21.24	21.28	21.25	0.0494	0.0499	0.0495										
15	64QAM	1	0	21.25	21.24	21.11	0.0495	0.0494	0.0502										
15	64QAM	1	48	21.12	21.20	21.22	0.0481	0.0486	0.0486										
15	64QAM	1	96	21.34	21.44	21.34	0.0507	0.0518	0.0506										
15	64QAM	36	0	20.32	20.39	20.29	0.0400	0.0406	0.0397										
15	64QAM	36	48	20.30	20.37	20.26	0.0398	0.0405	0.0396										
15	64QAM	36	96	20.32	20.20	20.30	0.0390	0.0392	0.0390										
15	64QAM	75	0	20.27	20.27	20.18	0.0395	0.0395	0.0387										
15	256QAM	1	0	18.27	18.29	18.16	0.0249	0.0251	0.0243										
15	256QAM	1	48	18.23	18.33	18.26	0.0250	0.0254	0.0246										
15	256QAM	1	96	18.38	18.53	18.34	0.0245	0.0255	0.0254										
15	256QAM	36	0	18.18	18.24	18.24	0.0244	0.0246	0.0248										
15	256QAM	36	48	18.19	18.23	18.14	0.0245	0.0247	0.0242										
15	256QAM	36	96	18.27	18.35	18.20	0.0248	0.0249	0.0245										
15	256QAM	75	0	18.16	18.27	18.18	0.0243	0.0249	0.0201										
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	22.72	22.68	22.62	0.0695	0.0699	0.0685										
10	QPSK	1	25	22.68	22.76	22.69	0.0685	0.0701	0.0690										
10	QPSK	1	48	22.69	22.71	22.61	0.0690	0.0693	0.0678										
10	QPSK	25	0	22.05	22.24	22.17	0.0596	0.0622	0.0612										
10	QPSK	25	24	22.06	22.34	22.24	0.0596	0.0627	0.0594										
10	QPSK	25	48	22.09	22.33	22.22	0.0600	0.0635	0.0610										
10	QPSK	50	0	22.36	22.31	22.21	0.0640	0.0632	0.0618										
10	16QAM	1	0	21.25	21.25	21.15	0.0502	0.0504	0.0492										
10	16QAM	1	25	21.23	21.32	21.22	0.0503	0.0504	0.0494										
10	16QAM	1	48	21.26	21.37	21.26	0.0504	0.0504	0.0493										
10	16QAM	1	75	21.29	21.38	21.28	0.0506	0.0506	0.0495										
10	16QAM	1	96	21.30	21.40	21.30	0.0507	0.0507	0.0496										
10	16QAM	50	0	20.32	20.49	20.38	0.0400	0.0406	0.0395										
10	16QAM	50	24	20.31	20.48	20.36	0.0400	0.0406	0.0395										
10	16QAM	50	48	20.30	20.47	20.34	0.0400	0.0406	0.0395										
10	16QAM	50	72	20.29	20.46	20.33	0.0400	0.0406	0.0395										
10	16QAM	50	96	20.28	20.45	20.32	0.0400	0.0406	0.0395										
10	16QAM	100	0	20.27	20.39	20.29	0.0395	0.0406	0.0397										
10	64QAM	1	0	20.34	20.34	20.30	0.0397	0.0404	0.0394										
10	64QAM	1	25	20.35	20.34	20.16	0.0394	0.0393	0.0393										
10	64QAM	1	48	20.28	20.29	20.17	0.0395	0.0397	0.0388										
10	64QAM	1	75	20.29	20.31	20.21	0.0396	0.0396	0.0386										
10	64QAM	1	96	20.31	20.34	20.24	0.0397	0.0396	0.0387										
10	64QAM	50	0	19.06	19.21	19.07	0.0308	0.0306	0.0307										
10	64QAM	50	24	18.31	18.44	18.38	0.0325	0.0329	0.0326										
10	64QAM	50	48	18.17	18.26	18.28	0.0344	0.0349	0.0320										
10	64QAM	50	72	18.28	18.35	18.25	0.0342	0.0345	0.0328										
10	64QAM	50	96	18.21	18.31	18.30	0.0346	0.0352	0.0321										
10	64QAM	50	120	18.20	18.25	18.17	0.0345	0.0349	0.0344										
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
5	QPSK	1	0	22.74	22.79	22.77	0.0698	0.0706	0.0703										
5	QPSK	1	12	22.79	22.84	22.69	0.0706	0.0714	0.0690										
5	QPSK	1	24	22.71	22.70	22.65	0.0693	0.0692	0.0684										
5	QPSK	12	6	22.31	22.30	22.10	0.0598	0.0620	0.0610										
5	QPSK	12	13	22.31	22.28	22.30	0.0632	0.0628	0.0631										
5	QPSK	12	19	22.26	22.32	22.20	0.0625	0.0634	0.0617										
5	QPSK	12	25	22.26	22.37	22.13	0.0631	0.0635	0.0626										
5	16QAM	1	0	22.01	22.24	22.24	0.0518	0.0507	0.0502										
5	16QAM	1	12	22.27	22.44	22.35	0.0527	0.0552	0.0538										
5	16QAM	1	24	22.46	22.45	22.29	0.0505	0.0503	0.0503										
5	16QAM	1	36	22.13	22.14	22.13	0.0478	0.0484	0.0484										
5	16QAM	12	7	21.30	21.36	21.16	0.0501	0.0508	0.0480										
5	16QAM	12	13	21.19	21.19	21.06	0.0498	0.0499	0.0474										
5	16QAM	12	19	21.27	21.27	21.11	0.0508	0.0504	0.0498										
5	64QAM	1	0	21.27	21.26	21.22	0.0498	0.0497	0.0492										
5	64QAM	1	12	21.20	21.32	21.26	0.0490	0.0504	0.0497										
5	64QAM	1	24	21.22	21.48	21.40	0.0492	0.0522	0.0513										
5	64QAM	1	36	21.20	21.41	21.37	0.0494	0.0517	0.0504										
5	64QAM	12	7	20.30	20.38	20.19	0.0389	0.0406	0.0388										
5	64QAM	12	13	20.21	20.23	20.23	0.0390	0.0392	0.0392										
5	64QAM	12	19	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	25	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	31	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	37	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	43	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	49	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	55	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	61	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	67	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	73	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	79	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	85	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	91	20.20	20.25	20.20	0.0390	0.0392	0.0392										
5	64QAM	12	97	20.20	20.25	20.20	0.0390	0.0392	0.0392										
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
1.4	QPSK																		

Band 66-ANT0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Frac)	Power Middle Ch (Frac)	Power High Ch (Frac)	ERP(W)			
Channel										
				130072	130332	130592				
Frequency (MHz)				1720	1745	1770	L	M	H	
20	QPSK	1	0	23.09	23.20	23.06	0.0830	0.0851	0.0824	
20	QPSK	1	49	23.11	23.28	23.19	0.0834	0.0867	0.0849	
20	QPSK	80	0	23.06	23.15	23.03	0.0821	0.0841	0.0813	
20	QPSK	50	0	22.11	22.21	22.07	0.0662	0.0678	0.0656	
20	QPSK	50	24	22.15	22.22	22.09	0.0668	0.0679	0.0659	
20	QPSK	50	50	22.08	22.17	22.08	0.0660	0.0671	0.0660	
20	QPSK	100	0	22.12	22.18	22.07	0.0664	0.0675	0.0658	
20	16QAM	1	0	22.49	22.57	22.48	0.0723	0.0736	0.0721	
20	16QAM	1	49	22.48	22.59	22.57	0.0721	0.0740	0.0736	
20	16QAM	80	0	22.18	22.24	22.20	0.0670	0.0682	0.0670	
20	16QAM	50	0	21.15	21.24	21.14	0.0531	0.0542	0.0530	
20	16QAM	50	24	21.20	21.22	21.13	0.0537	0.0540	0.0528	
20	16QAM	50	50	21.13	21.25	21.24	0.0526	0.0543	0.0542	
20	16QAM	100	0	21.09	21.18	21.12	0.0526	0.0535	0.0527	
20	64QAM	1	0	21.30	21.44	21.33	0.0550	0.0568	0.0553	
20	64QAM	1	49	21.28	21.29	21.16	0.0547	0.0548	0.0532	
20	64QAM	80	0	21.17	21.31	21.16	0.0523	0.0551	0.0527	
20	64QAM	50	0	20.18	20.33	20.21	0.0425	0.0440	0.0428	
20	64QAM	50	24	20.22	20.31	20.27	0.0429	0.0438	0.0434	
20	64QAM	50	50	20.31	20.32	20.29	0.0426	0.0439	0.0426	
20	64QAM	100	0	20.19	20.29	20.15	0.0426	0.0436	0.0425	
20	256QAM	1	0	18.17	18.26	18.16	0.0287	0.0273	0.0286	
20	256QAM	1	49	18.34	18.40	18.28	0.0278	0.0282	0.0274	
20	256QAM	80	0	18.39	18.51	18.36	0.0282	0.0286	0.0279	
20	256QAM	50	0	18.19	18.21	18.18	0.0289	0.0270	0.0288	
20	256QAM	50	24	18.12	18.24	18.17	0.0284	0.0272	0.0287	
20	256QAM	50	50	18.25	18.28	18.13	0.0272	0.0274	0.0265	
20	256QAM	100	0	18.05	18.20	18.10	0.0262	0.0269	0.0263	
Channel										
Frequency (MHz)				130074	130332	130597	ERP(W)			
				1717.5	1745	1772.5	L	M	H	
15	QPSK	1	0	23.02	23.06	23.03	0.0817	0.0824	0.0818	
15	QPSK	1	37	23.10	23.19	23.10	0.0832	0.0849	0.0832	
15	QPSK	1	74	22.97	23.01	23.00	0.0807	0.0815	0.0813	
15	QPSK	36	0	22.01	22.06	22.02	0.0647	0.0655	0.0649	
15	QPSK	40	0	22.07	22.07	22.05	0.0646	0.0656	0.0650	
15	QPSK	36	39	22.04	22.03	22.01	0.0650	0.0650	0.0647	
15	QPSK	75	0	22.01	22.15	22.04	0.0647	0.0668	0.0652	
15	16QAM	1	0	22.45	22.54	22.46	0.0716	0.0731	0.0718	
15	16QAM	37	0	22.45	22.46	22.35	0.0716	0.0718	0.0703	
15	16QAM	1	74	22.13	22.16	22.12	0.0665	0.0670	0.0664	
15	16QAM	36	0	21.07	21.16	20.99	0.0521	0.0532	0.0512	
15	16QAM	36	20	21.16	21.08	21.01	0.0502	0.0522	0.0514	
15	16QAM	36	39	21.08	21.23	21.22	0.0502	0.0541	0.0540	
15	16QAM	75	0	21.05	21.18	21.01	0.0519	0.0532	0.0514	
15	64QAM	1	0	21.24	21.43	21.30	0.0542	0.0566	0.0550	
15	64QAM	37	0	21.22	21.22	21.02	0.0540	0.0540	0.0515	
15	64QAM	1	74	21.02	21.21	21.10	0.0510	0.0538	0.0525	
15	64QAM	36	0	20.07	20.19	20.15	0.0414	0.0426	0.0422	
15	64QAM	36	20	20.08	20.25	20.16	0.0415	0.0432	0.0425	
15	64QAM	36	39	20.26	20.20	20.26	0.0430	0.0427	0.0433	
15	64QAM	75	0	20.11	20.25	20.16	0.0418	0.0432	0.0417	
15	256QAM	1	0	18.15	18.24	18.03	0.0266	0.0272	0.0259	
15	256QAM	37	0	18.32	18.32	18.23	0.0277	0.0277	0.0270	
15	256QAM	1	74	18.30	18.50	18.21	0.0275	0.0288	0.0270	
15	256QAM	36	0	18.07	18.09	18.03	0.0261	0.0262	0.0259	
15	256QAM	36	20	18.06	18.15	18.12	0.0261	0.0266	0.0263	
15	256QAM	36	39	18.15	18.15	18.12	0.0260	0.0266	0.0264	
15	256QAM	75	0	18.03	18.05	17.95	0.0259	0.0260	0.0254	
Channel										
Frequency (MHz)				130072	130332	130597	ERP(W)			
				1717.5	1745	1772.5	L	M	H	
10	QPSK	1	0	23.08	23.07	22.91	0.0826	0.0826	0.0796	
10	QPSK	1	25	23.00	23.16	23.10	0.0813	0.0843	0.0832	
10	QPSK	1	49	23.01	23.02	22.84	0.0815	0.0817	0.0802	
10	QPSK	25	0	22.00	22.10	21.99	0.0645	0.0675	0.0644	
10	QPSK	12	0	22.08	22.08	22.06	0.0656	0.0658	0.0650	
10	QPSK	25	25	22.01	22.12	21.84	0.0647	0.0664	0.0637	
10	QPSK	50	0	22.02	22.13	21.92	0.0649	0.0665	0.0634	
10	16QAM	1	0	22.36	22.44	22.40	0.0700	0.0716	0.0700	
10	16QAM	1	25	22.35	22.54	22.42	0.0700	0.0731	0.0711	
10	16QAM	1	49	22.16	22.10	22.12	0.0670	0.0661	0.0664	
10	16QAM	25	0	21.14	21.14	21.08	0.0530	0.0530	0.0522	
10	16QAM	12	0	21.15	21.07	21.01	0.0531	0.0521	0.0514	
10	16QAM	25	25	21.11	21.12	21.13	0.0526	0.0527	0.0528	
10	16QAM	50	0	21.08	21.05	20.98	0.0522	0.0519	0.0511	
10	64QAM	1	0	21.18	21.30	21.25	0.0532	0.0550	0.0541	
10	64QAM	1	25	21.24	21.25	21.01	0.0542	0.0543	0.0514	
10	64QAM	1	49	21.08	21.25	21.12	0.0522	0.0543	0.0527	
10	64QAM	25	0	20.07	20.31	20.11	0.0414	0.0438	0.0418	
10	64QAM	12	0	20.17	20.24	20.22	0.0420	0.0431	0.0425	
10	64QAM	25	25	20.16	20.25	20.16	0.0423	0.0432	0.0423	
10	64QAM	50	0	20.07	20.17	20.06	0.0414	0.0424	0.0413	
10	256QAM	1	0	18.03	18.16	18.11	0.0262	0.0267	0.0264	
10	256QAM	1	25	18.32	18.29	18.25	0.0277	0.0275	0.0272	
10	256QAM	1	49	18.34	18.41	18.29	0.0276	0.0282	0.0276	
10	256QAM	25	0	18.13	18.09	18.05	0.0265	0.0262	0.0260	
10	256QAM	12	0	18.07	18.16	18.06	0.0261	0.0267	0.0261	
10	256QAM	25	25	18.10	18.27	18.00	0.0263	0.0274	0.0257	
10	256QAM	50	0	17.92	18.12	17.96	0.0252	0.0264	0.0256	
Channel										
Frequency (MHz)				130597	130332	130507	ERP(W)			
				1712.5	1745	1777.5	L	M	H	
5	QPSK	1	0	22.98	23.14	23.00	0.0809	0.0839	0.0813	
5	QPSK	1	12	23.04	23.13	23.18	0.0820	0.0838	0.0847	
5	QPSK	1	24	22.85	23.08	22.93	0.0804	0.0828	0.0805	
5	QPSK	12	0	22.07	22.17	21.98	0.0656	0.0671	0.0643	
5	QPSK	12	7	22.05	22.08	21.84	0.0648	0.0658	0.0637	
5	QPSK	12	13	21.99	22.13	21.95	0.0644	0.0665	0.0638	
5	QPSK	75	0	22.02	22.17	21.97	0.0649	0.0671	0.0641	
5	16QAM	1	0	22.48	22.52	22.46	0.0721	0.0728	0.0718	
5	16QAM	1	12	22.47	22.45	22.46	0.0719	0.0716	0.0718	
5	16QAM	1	24	22.08	22.19	22.19	0.0698	0.0675	0.0675	
5	16QAM	12	0	21.06	21.20	21.03	0.0520	0.0537	0.0516	
5	16QAM	12	7	21.08	21.10	21.10	0.0522	0.0525	0.0525	
5	16QAM	12	13	21.00	21.22	21.10	0.0513	0.0540	0.0525	
5	16QAM	75	0	21.08	21.10	21.06	0.0522	0.0525	0.0520	
5	64QAM	1	0	21.29	21.30	21.27	0.0548	0.0561	0.0548	
5	64QAM	1	12	21.23	21.28	21.03	0.0541	0.0547	0.0516	
5	64QAM	1	24	21.13	21.25	21.05	0.0528	0.0543	0.0519	
5	64QAM	12	0	20.12	20.32	20.11	0.0410	0.0439	0.0410	
5	64QAM	12	7	20.10	20.21	20.19	0.0417	0.0428	0.0426	
5	64QAM	12	13	20.23	20.21	20.17	0.0430	0.0428	0.0424	
5	64QAM	25	0	20.06	20.24	20.12	0.0416	0.0431	0.0419	
5	256QAM	1	0	18.15	18.24	18.05	0.0266	0.0272	0.0260	
5	256QAM	1	12	18.24	18.31	18.25	0.0272	0.0276	0.0272	
5	256QAM	1	24	18.30	18.36	18.25	0.0275	0.0279	0.0272	
5	256QAM	12	0	18.06	18.13	18.16	0.0261	0.0262	0.0260	
5	256QAM	12	7	18.09	18.20	18.09	0.0262	0.0269	0.0262	
5	256QAM	12	13	18.24	18.24	18.06	0.0267	0.0270	0.0266	
5	256QAM	25	0	17.94	18.05	18.05	0.0254	0.0260	0.0251	
Channel										
Frequency (MHz)				130697	130232	130697	ERP(W)			
				1718.5	1745	1778.5	L	M	H	
4	QPSK	1	0	22.94	23.16	23.06	0.0802	0.0843	0.0805	
4	QPSK	1	13	23.05	23.13	23.19	0.0819	0.0849	0.0823	
4	QPSK	1	26	22.86	23.05	22.94				