REPORT No.: SZ19070119W10

TEST REPORT

APPLICANT	:	Nubia Technology Co.,Ltd
PRODUCT NAME	:	LTE Digital Mobile Phone
MODEL NAME	:	NX627J
BRAND NAME	:	NUBIA
FCC ID	:	2AHJO-NX627J
STANDARD(S)	:	47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart D&H&L&M
RECEIPT DATE	:	2019-08-21
TEST DATE	:	2019-08-22 to 2019-09-16
ISSUE DATE	:	2019-09-20

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DIRECTORY

Change History		
Version	**Date**	**Reason for change**
1.0	2019-09-20	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Nubia Technology Co.,Ltd
Applicant Address:	10/F, Tower A, Hans Innovation Mansion, North Ring Rd., No.9018, High-Tech Park, Nanshan District, Shenzhen, China
Manufacturer:	Nubia Technology Co.,Ltd
ManufacturerAddress:	10/F, Tower A, Hans Innovation Mansion, North Ring Rd., No.9018, High-Tech Park, Nanshan District, Shenzhen, China

1.2. Equipment Under Test (EUT) Description

Product Name:	LTE Digital Mobile Phone	
Serial No:	(N/A, marked #1 by test site)	
Hardware Version:	NX627J_V1MB	
Software Version:	NX627J_ENCommon_V1.00	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 38 / 40 / 41	
	LTE Band 38	Tx: 2570MHz - 2620MHz
		Rx: 2570MHz– 2620MHz
	LTE Band 40	(2305-2315MHz) Tx: 2305MHz– 2315MHz
		(2305-2315MHz) Rx: 2305MHz– 2315MHz
		(2350-2360MHz) Tx: 2350MHz–2360MHz
		(2350-2360MHz) Rx: 2350MHz–2360MHz
	LTE Band 41	Tx:2555MHz-2655MHz
		Rx:2555MHz-2655MHz
	LTE Band 38	5 MHz, 10MHz, 15 MHz, 20 MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15 MHz, 20 MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	**Top Antenna**	
	LTE Band 38	1.78 dBi
	LTE Band 40	1.67 dBi
	LTE Band 41	1.71 dBi

Antenna Gain:	**Bottom Antenna**	
	LTE Band 38	1.78 dBi
	LTE Band 40	1.67 dBi
	LTE Band 41	1.71 dBi
Accessory Information:	Battery	
	Brand Name:	ATL
	Model No.:	Li3839T44P6h866443
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	3900mAh
	Rated Voltage:	3.82V
	Charge Limit:	4.40V
	AC Adapter 1	
	Brand Name:	N/A
	Model No.:	CYNBY090200-A00
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	100-240V~50/60Hz 0.5A
	Rated Output:	5V⎓3.0A or 9V⎓2.0A or 12V⎓1.5A

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

1.3. Emission Designator

LTE Band38	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M51G7D	4M51W7D	4M49D7W
10	8M99G7D	8M97W7D	8M98D7W
15	13M5G7D	13M5W7D	13M5D7W
20	18M0G7D	18M0W7D	18M0D7W
LTE Band 40(2305-2315MHz)	**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM
5	4M49G7D	4M49W7D	4M49D7W
10	8M98G7D	8M96W7D	8M96D7W
LTE Band 40(2350-2360MHz)	**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM
5	4M49G7D	4M49W7D	4M48D7W
10	8M96G7D	8M96W7D	8M92D7W
LTE Band41	**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM
5	4M5G7D	4M5W7D	4M5D7W
10	9M94G7D	8M93W7D	8M96D7W
15	13M4G7D	13M4W7D	13M4D7W
20	17M9G7D	17M8W7D	17M8D7W

1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2,Part 22, Part 24 and Part 27 for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
4	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result
2.1046, 27.50(c)(10) 27.50(d)(4), 27.50(h)(2) 27.50(a)(3)	Transmitter Conducted Output Power and ERP/EIRP	Aug 23 to Sept2, 2019	Gao Mingzhou PengXuewei	PASS
2.1049	Occupied Bandwidth	Aug 23 to Sept2, 2019	Gao Mingzhou	PASS
2.1055, 27.54	Frequency Stability	Sept9, 2019	Gao Mingzhou	PASS
27.50(d)(5)	Peak to Average Radio	Aug 29 to Sept7, 2019	Gao Mingzhou	PASS
2.1051,27.53(g)(h) 27.53(m)(4)(a)(4)	Conducted Spurious Emissions	Aug 29 to Sept7, 2019	Gao Mingzhou	PASS
2.1051,27.53(g)(h) 27.53(m)(4)(a)(4)	Band Edge	Aug 29 to Sept7, 2019	Gao Mingzhou	PASS
2.1051, 27.53(g)(h) 27.53(m)(4)(a)(4)	Radiated Spurious Emissions	Sept2 to 7, 2019	PengXuewei	PASS
Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 (Oct 27, 2017)and ANSI/TIA-603-E-2016. **Note 2:** The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 26.5dB contains two parts that cable loss 16.5dB and Attenuator 10dB.				

1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15 - 35
Relative Humidity (%):	30 -60
Atmospheric Pressure (kPa):	86-106

2. 47 CFR Part 2, Part 22H, Part 24E and 27D&H&L&M Requirements

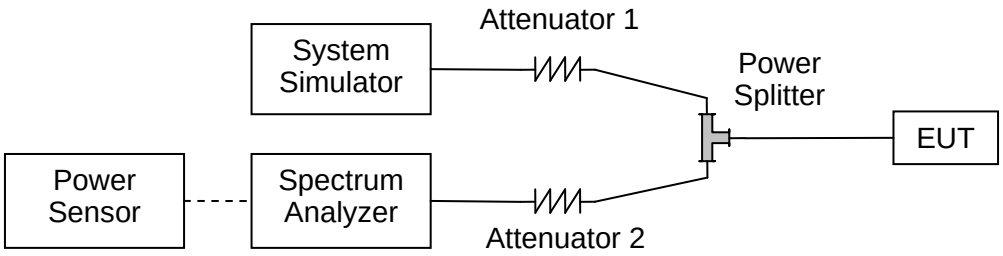
2.1. Transmitter Conducted Output Power And ERP/EIRP

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 27.50 (a) for LTE Band 40, fixed, mobile and portable (hand-held) stations in the 2305-2315MHz and 2350-2360MHz band are limited to 0.25 watts EIRP.
According to FCC section 27.50 (h) for LTE Band 38/41, 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.

2.1.2. Test Description



The EUTis coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)
ERP (dBm) = EIPR (dBm) - 2.15

2.1.4. Result

Conducted Output Power:

Top Antenna

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	19.29	19.38	19.37
20	QPSK	1	49	19.39	19.31	19.40
20	QPSK	1	99	19.22	19.25	19.30
20	QPSK	50	0	18.47	18.47	18.56
20	QPSK	50	24	18.49	18.53	18.53
20	QPSK	50	50	18.33	18.43	18.47
20	QPSK	100	0	18.45	18.58	18.48
20	16QAM	1	0	18.57	18.64	18.56
20	16QAM	1	49	18.67	18.51	18.56
20	16QAM	1	99	18.53	18.46	18.50
20	16QAM	50	0	17.57	17.67	17.54
20	16QAM	50	24	17.51	17.58	17.53
20	16QAM	50	50	17.56	17.56	17.62
20	16QAM	100	0	17.51	17.58	17.58
20	64QAM	1	0	18.50	18.59	18.51
20	64QAM	1	49	18.59	18.55	18.59
20	64QAM	1	99	18.63	18.48	18.53
20	64QAM	50	0	17.50	17.64	17.65
20	64QAM	50	24	17.52	17.59	17.54
20	64QAM	50	50	17.62	17.62	17.49
20	64QAM	100	0	17.55	17.51	17.53

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	19.29	19.38	19.37
15	QPSK	1	37	19.39	19.31	19.40
15	QPSK	1	74	19.22	19.25	19.30
15	QPSK	36	0	18.47	18.47	18.43
15	QPSK	36	20	18.49	18.53	18.53
15	QPSK	36	39	18.33	18.56	18.47
15	QPSK	75	0	18.45	18.58	18.48
15	16QAM	1	0	18.57	18.64	18.56
15	16QAM	1	37	18.67	18.51	18.56
15	16QAM	1	74	18.53	18.46	18.50
15	16QAM	36	0	17.57	17.67	17.54
15	16QAM	36	20	17.51	17.58	17.53
15	16QAM	36	39	17.56	17.56	17.62
15	16QAM	75	0	17.51	17.58	17.58
15	64QAM	1	0	18.50	18.59	18.51
15	64QAM	1	37	18.59	18.55	18.59
15	64QAM	1	74	18.63	18.48	18.53
15	64QAM	36	0	17.50	17.64	17.65
15	64QAM	36	20	17.52	17.59	17.54
15	64QAM	36	39	17.62	17.62	17.49
15	64QAM	75	0	17.55	17.51	17.53

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	19.06	19.26	19.10
10	QPSK	1	25	19.01	19.13	19.11
10	QPSK	1	49	18.99	19.14	19.12
10	QPSK	25	0	18.30	18.44	18.31
10	QPSK	25	12	18.31	18.37	18.31
10	QPSK	25	25	18.32	18.42	18.35
10	QPSK	50	0	18.31	18.36	18.32
10	16QAM	1	0	18.27	18.43	18.40
10	16QAM	1	25	18.33	18.50	18.37
10	16QAM	1	49	18.30	18.38	18.42
10	16QAM	25	0	17.37	17.44	17.42
10	16QAM	25	12	17.32	17.47	17.43
10	16QAM	25	25	17.37	17.37	17.36
10	16QAM	50	0	17.27	17.41	17.42
10	64QAM	1	0	18.23	18.33	18.39
10	64QAM	1	25	18.30	18.40	18.41
10	64QAM	1	49	18.21	18.41	18.28
10	64QAM	25	0	17.28	17.38	17.25
10	64QAM	25	12	17.40	17.36	17.31
10	64QAM	25	25	17.31	17.31	17.34
10	64QAM	50	0	17.34	17.39	17.40

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	18.91	19.21	19.13
5	QPSK	1	12	19.08	19.33	19.21
5	QPSK	1	24	19.15	19.22	19.10
5	QPSK	12	0	18.26	18.32	18.31
5	QPSK	12	7	18.35	18.50	18.41
5	QPSK	12	13	18.31	18.39	18.41
5	QPSK	25	0	18.38	18.27	18.24
5	16QAM	1	0	18.34	18.45	18.38
5	16QAM	1	12	18.49	18.62	18.45
5	16QAM	1	24	18.43	18.48	18.44
5	16QAM	12	0	17.38	17.37	17.41
5	16QAM	12	7	17.43	17.49	17.51
5	16QAM	12	13	17.42	17.46	17.46
5	16QAM	25	0	17.37	17.37	17.40
5	64QAM	1	0	18.21	18.36	18.28
5	64QAM	1	12	18.40	18.44	18.43
5	64QAM	1	24	18.46	18.47	18.40
5	64QAM	12	0	17.26	17.25	17.30
5	64QAM	12	7	17.32	17.44	17.40
5	64QAM	12	13	17.36	17.46	17.39
5	64QAM	25	0	17.34	17.30	17.29

LTE Band 40 (2305-2315MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	19.66	/
10	QPSK	1	25	/	19.60	/
10	QPSK	1	49	/	19.42	/
10	QPSK	25	0	/	18.78	/
10	QPSK	25	12	/	18.68	/
10	QPSK	25	25	/	18.69	/
10	QPSK	50	0	/	18.71	/
10	16QAM	1	0	/	18.91	/
10	16QAM	1	25	/	18.77	/
10	16QAM	1	49	/	18.63	/
10	16QAM	25	0	/	17.84	/
10	16QAM	25	12	/	17.78	/
10	16QAM	25	25	/	17.73	/
10	16QAM	50	0	/	17.78	/
10	64QAM	1	0	/	18.82	/
10	64QAM	1	25	/	18.85	/
10	64QAM	1	49	/	18.69	/
10	64QAM	25	0	/	17.82	/
10	64QAM	25	12	/	17.71	/
10	64QAM	25	25	/	17.65	/
10	64QAM	50	0	/	17.80	/

LTE Band 40 (2305-2315MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	19.53	19.60	19.62
5	QPSK	1	12	19.54	19.65	19.53
5	QPSK	1	24	19.50	19.58	19.57
5	QPSK	12	0	18.73	18.80	18.77
5	QPSK	12	7	18.80	18.88	18.94
5	QPSK	12	13	18.74	18.83	18.89
5	QPSK	25	0	18.80	18.83	18.86
5	16QAM	1	0	18.88	19.00	18.92
5	16QAM	1	12	18.87	18.93	19.00
5	16QAM	1	24	18.70	18.80	18.81
5	16QAM	12	0	17.82	17.89	17.88
5	16QAM	12	7	17.85	17.92	17.89
5	16QAM	12	13	17.86	17.92	17.93
5	16QAM	25	0	17.94	17.85	17.93
5	64QAM	1	0	18.78	18.89	18.93
5	64QAM	1	12	18.84	18.86	18.89
5	64QAM	1	24	18.75	18.79	18.81
5	64QAM	12	0	17.80	17.88	17.88
5	64QAM	12	7	17.80	17.86	17.85
5	64QAM	12	13	17.80	17.81	17.79
5	64QAM	25	0	17.85	17.88	17.86

LTE Band 40 (2350-2360MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	19.62	/
10	QPSK	1	25	/	19.77	/
10	QPSK	1	49	/	19.34	/
10	QPSK	25	0	/	18.79	/
10	QPSK	25	12	/	18.72	/
10	QPSK	25	25	/	18.64	/
10	QPSK	50	0	/	18.82	/
10	16QAM	1	0	/	18.95	/
10	16QAM	1	25	/	18.97	/
10	16QAM	1	49	/	18.85	/
10	16QAM	25	0	/	17.86	/
10	16QAM	25	12	/	17.82	/
10	16QAM	25	25	/	17.82	/
10	16QAM	50	0	/	17.86	/
10	64QAM	1	0	/	18.95	/
10	64QAM	1	25	/	18.88	/
10	64QAM	1	49	/	18.71	/
10	64QAM	25	0	/	17.83	/
10	64QAM	25	12	/	17.82	/
10	64QAM	25	25	/	17.75	/
10	64QAM	50	0	/	17.77	/

LTE Band 40 (2350-2360MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	19.70	19.67	19.73
5	QPSK	1	12	19.71	19.62	19.75
5	QPSK	1	24	19.47	19.63	19.62
5	QPSK	12	0	18.79	18.92	18.96
5	QPSK	12	7	18.86	18.84	18.89
5	QPSK	12	13	18.80	18.81	18.88
5	QPSK	25	0	18.81	18.82	18.87
5	16QAM	1	0	18.90	18.92	18.99
5	16QAM	1	12	18.95	18.93	18.90
5	16QAM	1	24	18.80	18.86	18.84
5	16QAM	12	0	17.90	17.90	17.91
5	16QAM	12	7	17.88	17.93	17.95
5	16QAM	12	13	17.83	17.90	17.93
5	16QAM	25	0	17.85	17.76	17.83
5	64QAM	1	0	18.91	18.93	19.04
5	64QAM	1	12	18.83	18.85	18.89
5	64QAM	1	24	18.83	18.73	18.73
5	64QAM	12	0	17.88	17.79	17.80
5	64QAM	12	7	17.92	17.82	17.91
5	64QAM	12	13	17.86	17.90	17.83
5	64QAM	25	0	17.81	17.79	17.91

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40340	40740	41140
Frequency (MHz)				2565.0	2605.0	2645.0
20	QPSK	1	0	19.17	19.32	15.67
20	QPSK	1	49	19.27	19.25	15.77
20	QPSK	1	99	19.30	19.18	15.80
20	QPSK	50	0	18.37	18.53	14.87
20	QPSK	50	24	18.58	18.46	15.08
20	QPSK	50	50	18.60	18.43	15.10
20	QPSK	100	0	18.54	18.44	15.04
20	16QAM	1	0	18.46	18.59	14.96
20	16QAM	1	49	18.65	18.46	15.15
20	16QAM	1	99	18.72	18.45	15.22
20	16QAM	50	0	17.54	17.57	14.04
20	16QAM	50	24	17.59	17.54	14.09
20	16QAM	50	50	17.57	17.51	14.07
20	16QAM	100	0	17.55	17.54	14.05
20	64QAM	1	0	18.36	18.46	14.86
20	64QAM	1	49	18.56	18.42	15.06
20	64QAM	1	99	18.52	18.43	15.02
20	64QAM	50	0	17.41	17.46	13.91
20	64QAM	50	24	17.52	17.56	14.02
20	64QAM	50	50	17.57	17.39	14.07
20	64QAM	100	0	17.63	17.52	14.13

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40315	40740	41165
Frequency (MHz)				2562.5	2605.0	2647.5
15	QPSK	1	0	19.22	19.33	15.72
15	QPSK	1	37	19.40	19.22	15.90
15	QPSK	1	74	19.40	19.38	15.90
15	QPSK	36	0	18.46	18.45	14.96
15	QPSK	36	20	18.49	18.56	14.99
15	QPSK	36	39	18.62	18.45	15.12
15	QPSK	75	0	18.48	18.49	14.98
15	16QAM	1	0	18.47	18.49	14.97
15	16QAM	1	37	18.63	18.59	15.13
15	16QAM	1	74	18.73	18.46	15.23
15	16QAM	36	0	17.37	17.47	13.87
15	16QAM	36	20	17.48	17.46	13.98
15	16QAM	36	39	17.61	17.45	14.11
15	16QAM	75	0	17.56	17.47	14.06
15	64QAM	1	0	18.38	18.45	14.88
15	64QAM	1	37	18.48	18.43	14.98
15	64QAM	1	74	18.50	18.51	15.00
15	64QAM	36	0	17.41	17.47	13.91
15	64QAM	36	20	17.59	17.44	14.09
15	64QAM	36	39	17.63	17.43	14.13
15	64QAM	75	0	17.55	17.53	14.05

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40290	40740	41190
Frequency (MHz)				2560.0	2605.0	2650.0
10	QPSK	1	0	19.11	19.15	15.61
10	QPSK	1	25	19.31	19.17	15.81
10	QPSK	1	49	19.13	19.08	15.63
10	QPSK	25	0	18.39	18.38	14.89
10	QPSK	25	12	18.40	18.38	14.90
10	QPSK	25	25	18.35	18.29	14.85
10	QPSK	50	0	18.42	18.36	14.92
10	16QAM	1	0	18.53	18.44	15.03
10	16QAM	1	25	18.39	18.53	14.89
10	16QAM	1	49	18.43	18.41	14.93
10	16QAM	25	0	17.48	17.44	13.98
10	16QAM	25	12	17.41	17.43	13.91
10	16QAM	25	25	17.38	17.38	13.88
10	16QAM	50	0	17.47	17.43	13.97
10	64QAM	1	0	18.35	18.35	14.85
10	64QAM	1	25	18.27	18.44	14.77
10	64QAM	1	49	18.36	18.30	14.86
10	64QAM	25	0	17.42	17.28	13.92
10	64QAM	25	12	17.46	17.26	13.96
10	64QAM	25	25	17.38	17.28	13.88
10	64QAM	50	0	17.38	17.27	13.88

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40265	40740	41215
Frequency (MHz)				2557.5	2605.0	2652.5
5	QPSK	1	0	19.21	19.22	15.71
5	QPSK	1	12	19.29	19.13	15.79
5	QPSK	1	24	19.25	19.16	15.75
5	QPSK	12	0	18.41	18.40	14.91
5	QPSK	12	7	18.46	18.45	14.96
5	QPSK	12	13	18.44	18.40	14.94
5	QPSK	25	0	18.41	18.39	14.91
5	16QAM	1	0	18.48	18.45	14.98
5	16QAM	1	12	18.54	18.47	15.04
5	16QAM	1	24	18.53	18.42	15.03
5	16QAM	12	0	17.42	17.44	13.92
5	16QAM	12	7	17.49	17.38	13.99
5	16QAM	12	13	17.45	17.44	13.95
5	16QAM	25	0	17.39	17.40	13.89
5	64QAM	1	0	18.42	18.40	14.92
5	64QAM	1	12	18.51	18.45	15.01
5	64QAM	1	24	18.43	18.41	14.93
5	64QAM	12	0	17.37	17.43	13.87
5	64QAM	12	7	17.45	17.42	13.95
5	64QAM	12	13	17.51	17.40	14.01
5	64QAM	25	0	17.32	17.33	13.82

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LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.79	22.82	22.94
20	QPSK	1	49	22.78	22.85	22.83
20	QPSK	1	99	22.74	22.72	22.72
20	QPSK	50	0	21.98	22.01	22.10
20	QPSK	50	24	21.94	22.01	22.01
20	QPSK	50	50	22.01	22.07	22.06
20	QPSK	100	0	21.98	22.08	22.04
20	16QAM	1	0	22.09	22.18	22.09
20	16QAM	1	49	22.05	22.04	22.18
20	16QAM	1	99	22.15	22.11	22.07
20	16QAM	50	0	21.17	21.10	21.05
20	16QAM	50	24	21.10	21.10	21.10
20	16QAM	50	50	21.06	21.05	21.06
20	16QAM	100	0	21.18	21.18	21.19
20	64QAM	1	0	22.02	22.16	22.01
20	64QAM	1	49	22.08	22.09	22.01
20	64QAM	1	99	21.96	22.03	21.99
20	64QAM	50	0	20.99	21.02	20.98
20	64QAM	50	24	20.97	21.02	21.03
20	64QAM	50	50	20.94	21.04	20.89
20	64QAM	100	0	21.06	21.06	20.98

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.81	22.90	22.89
15	QPSK	1	37	22.91	22.83	22.92
15	QPSK	1	74	22.74	22.77	22.82
15	QPSK	36	0	21.99	21.99	21.95
15	QPSK	36	20	22.01	22.05	22.05
15	QPSK	36	39	21.85	22.08	21.99
15	QPSK	75	0	21.97	22.10	22.00
15	16QAM	1	0	22.09	22.16	22.08
15	16QAM	1	37	22.19	22.03	22.08
15	16QAM	1	74	22.05	21.98	22.02
15	16QAM	36	0	21.09	21.19	21.06
15	16QAM	36	20	21.03	21.10	21.05
15	16QAM	36	39	21.08	21.08	21.14
15	16QAM	75	0	21.03	21.10	21.10
15	64QAM	1	0	22.02	22.11	22.03
15	64QAM	1	37	22.11	22.07	22.11
15	64QAM	1	74	22.15	22.00	22.05
15	64QAM	36	0	21.02	21.16	21.17
15	64QAM	36	20	21.04	21.11	21.06
15	64QAM	36	39	21.14	21.14	21.01
15	64QAM	75	0	21.07	21.03	21.05

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.58	22.78	22.62
10	QPSK	1	25	22.53	22.65	22.63
10	QPSK	1	49	22.51	22.66	22.64
10	QPSK	25	0	21.82	21.96	21.83
10	QPSK	25	12	21.83	21.89	21.83
10	QPSK	25	25	21.84	21.94	21.87
10	QPSK	50	0	21.83	21.88	21.84
10	16QAM	1	0	21.79	21.95	21.92
10	16QAM	1	25	21.85	22.02	21.89
10	16QAM	1	49	21.82	21.90	21.94
10	16QAM	25	0	20.89	20.96	20.94
10	16QAM	25	12	20.84	20.99	20.95
10	16QAM	25	25	20.89	20.89	20.88
10	16QAM	50	0	20.79	20.93	20.94
10	64QAM	1	0	21.75	21.85	21.91
10	64QAM	1	25	21.82	21.92	21.93
10	64QAM	1	49	21.73	21.93	21.80
10	64QAM	25	0	20.80	20.90	20.77
10	64QAM	25	12	20.92	20.88	20.83
10	64QAM	25	25	20.83	20.83	20.86
10	64QAM	50	0	20.86	20.91	20.92

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.43	22.73	22.65
5	QPSK	1	12	22.60	22.85	22.73
5	QPSK	1	24	22.67	22.74	22.62
5	QPSK	12	0	21.78	21.84	21.83
5	QPSK	12	7	21.87	22.02	21.93
5	QPSK	12	13	21.83	21.91	21.93
5	QPSK	25	0	21.90	21.79	21.76
5	16QAM	1	0	21.86	21.97	21.90
5	16QAM	1	12	22.01	22.14	21.97
5	16QAM	1	24	21.95	22.00	21.96
5	16QAM	12	0	20.90	20.89	20.93
5	16QAM	12	7	20.95	21.01	21.03
5	16QAM	12	13	20.94	20.98	20.98
5	16QAM	25	0	20.89	20.89	20.92
5	64QAM	1	0	21.73	21.88	21.80
5	64QAM	1	12	21.92	21.96	21.95
5	64QAM	1	24	21.98	21.99	21.92
5	64QAM	12	0	20.78	20.77	20.82
5	64QAM	12	7	20.84	20.96	20.92
5	64QAM	12	13	20.88	20.98	20.91
5	64QAM	25	0	20.86	20.82	20.81

LTE Band 40 (2305-2315MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.66	/
10	QPSK	1	25	/	22.60	/
10	QPSK	1	49	/	22.42	/
10	QPSK	25	0	/	21.78	/
10	QPSK	25	12	/	21.68	/
10	QPSK	25	25	/	21.69	/
10	QPSK	50	0	/	21.71	/
10	16QAM	1	0	/	21.91	/
10	16QAM	1	25	/	21.77	/
10	16QAM	1	49	/	21.63	/
10	16QAM	25	0	/	20.84	/
10	16QAM	25	12	/	20.78	/
10	16QAM	25	25	/	20.73	/
10	16QAM	50	0	/	20.78	/
10	64QAM	1	0	/	21.82	/
10	64QAM	1	25	/	21.85	/
10	64QAM	1	49	/	21.69	/
10	64QAM	25	0	/	20.82	/
10	64QAM	25	12	/	20.71	/
10	64QAM	25	25	/	20.65	/
10	64QAM	50	0	/	20.80	/

LTE Band 40 (2305-2315MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.53	22.60	22.62
5	QPSK	1	12	22.54	22.65	22.53
5	QPSK	1	24	22.50	22.58	22.57
5	QPSK	12	0	21.73	21.80	21.77
5	QPSK	12	7	21.80	21.88	21.94
5	QPSK	12	13	21.74	21.83	21.89
5	QPSK	25	0	21.80	21.83	21.86
5	16QAM	1	0	21.88	22.00	21.92
5	16QAM	1	12	21.87	21.93	22.00
5	16QAM	1	24	21.70	21.80	21.81
5	16QAM	12	0	20.82	20.89	20.88
5	16QAM	12	7	20.85	20.92	20.89
5	16QAM	12	13	20.86	20.92	20.93
5	16QAM	25	0	20.94	20.85	20.93
5	64QAM	1	0	21.78	21.89	21.93
5	64QAM	1	12	21.84	21.86	21.89
5	64QAM	1	24	21.75	21.79	21.81
5	64QAM	12	0	20.80	20.88	20.88
5	64QAM	12	7	20.80	20.86	20.85
5	64QAM	12	13	20.80	20.81	20.79
5	64QAM	25	0	20.85	20.88	20.86

LTE Band 40 (2350-2360MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	22.62	/
10	QPSK	1	25	/	22.77	/
10	QPSK	1	49	/	22.34	/
10	QPSK	25	0	/	21.79	/
10	QPSK	25	12	/	21.72	/
10	QPSK	25	25	/	21.64	/
10	QPSK	50	0	/	21.82	/
10	16QAM	1	0	/	21.95	/
10	16QAM	1	25	/	21.97	/
10	16QAM	1	49	/	21.85	/
10	16QAM	25	0	/	20.86	/
10	16QAM	25	12	/	20.82	/
10	16QAM	25	25	/	20.82	/
10	16QAM	50	0	/	20.86	/
10	64QAM	1	0	/	21.95	/
10	64QAM	1	25	/	21.88	/
10	64QAM	1	49	/	21.71	/
10	64QAM	25	0	/	20.83	/
10	64QAM	25	12	/	20.82	/
10	64QAM	25	25	/	20.75	/
10	64QAM	50	0	/	20.77	/

LTE Band 40 (2350-2360MHz)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.70	22.67	22.73
5	QPSK	1	12	22.71	22.62	22.75
5	QPSK	1	24	22.47	22.63	22.62
5	QPSK	12	0	21.79	21.92	21.96
5	QPSK	12	7	21.86	21.84	21.89
5	QPSK	12	13	21.80	21.81	21.88
5	QPSK	25	0	21.81	21.82	21.87
5	16QAM	1	0	21.90	21.92	21.99
5	16QAM	1	12	21.95	21.93	21.90
5	16QAM	1	24	21.80	21.86	21.84
5	16QAM	12	0	20.90	20.90	20.91
5	16QAM	12	7	20.88	20.93	20.95
5	16QAM	12	13	20.83	20.90	20.93
5	16QAM	25	0	20.85	20.76	20.83
5	64QAM	1	0	21.91	21.93	22.04
5	64QAM	1	12	21.83	21.85	21.89
5	64QAM	1	24	21.83	21.73	21.73
5	64QAM	12	0	20.88	20.79	20.80
5	64QAM	12	7	20.92	20.82	20.91
5	64QAM	12	13	20.86	20.90	20.83
5	64QAM	25	0	20.81	20.79	20.91

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40340	40740	41140
Frequency (MHz)				2565.0	2605.0	2645.0
20	QPSK	1	0	22.87	22.67	22.93
20	QPSK	1	49	22.87	22.77	22.61
20	QPSK	1	99	22.94	22.80	22.61
20	QPSK	50	0	22.15	21.87	22.04
20	QPSK	50	24	22.09	22.08	21.89
20	QPSK	50	50	22.10	22.10	21.76
20	QPSK	100	0	22.12	22.04	21.92
20	16QAM	1	0	22.20	21.96	22.11
20	16QAM	1	49	22.08	22.15	21.97
20	16QAM	1	99	22.04	22.22	21.70
20	16QAM	50	0	21.16	21.04	21.06
20	16QAM	50	24	21.10	21.09	20.93
20	16QAM	50	50	21.03	21.07	20.75
20	16QAM	100	0	21.03	21.05	20.91
20	64QAM	1	0	22.13	21.86	22.18
20	64QAM	1	49	22.06	22.06	21.79
20	64QAM	1	99	22.06	22.02	21.66
20	64QAM	50	0	21.14	20.91	20.97
20	64QAM	50	24	21.08	21.02	20.97
20	64QAM	50	50	21.00	21.07	20.69
20	64QAM	100	0	21.14	21.13	20.92

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40315	40740	41165
Frequency (MHz)				2562.5	2605.0	2647.5
15	QPSK	1	0	22.87	22.72	22.90
15	QPSK	1	37	22.93	22.90	22.75
15	QPSK	1	74	22.87	22.90	22.49
15	QPSK	36	0	22.08	21.96	22.04
15	QPSK	36	20	22.06	21.99	21.87
15	QPSK	36	39	21.96	22.12	21.75
15	QPSK	75	0	22.09	21.98	21.86
15	16QAM	1	0	22.01	21.97	22.14
15	16QAM	1	37	22.17	22.13	21.89
15	16QAM	1	74	22.12	22.23	21.74
15	16QAM	36	0	21.01	20.87	21.01
15	16QAM	36	20	21.03	20.98	20.90
15	16QAM	36	39	21.01	21.11	20.74
15	16QAM	75	0	21.07	21.06	20.87
15	64QAM	1	0	22.03	21.88	22.13
15	64QAM	1	37	22.15	21.98	21.75
15	64QAM	1	74	22.13	22.00	22.07
15	64QAM	36	0	21.04	20.91	21.04
15	64QAM	36	20	21.02	21.09	20.88
15	64QAM	36	39	21.08	21.13	20.76
15	64QAM	75	0	21.01	21.05	20.91

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40290	40740	41190
Frequency (MHz)				2560.0	2605.0	2650.0
10	QPSK	1	0	22.70	22.61	22.51
10	QPSK	1	25	22.63	22.81	22.65
10	QPSK	1	49	22.71	22.63	22.54
10	QPSK	25	0	21.87	21.89	21.80
10	QPSK	25	12	21.83	21.90	21.82
10	QPSK	25	25	21.85	21.85	21.68
10	QPSK	50	0	21.72	21.92	21.76
10	16QAM	1	0	21.91	22.03	21.89
10	16QAM	1	25	21.86	21.89	21.97
10	16QAM	1	49	21.85	21.93	21.87
10	16QAM	25	0	21.00	20.98	20.85
10	16QAM	25	12	20.91	20.91	20.81
10	16QAM	25	25	20.81	20.88	20.70
10	16QAM	50	0	20.89	20.97	20.75
10	64QAM	1	0	21.80	21.85	21.90
10	64QAM	1	25	21.95	21.77	21.69
10	64QAM	1	49	21.87	21.86	21.68
10	64QAM	25	0	20.94	20.92	20.75
10	64QAM	25	12	20.80	20.96	20.75
10	64QAM	25	25	20.75	20.88	20.65
10	64QAM	50	0	20.81	20.88	20.83

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40265	40740	41215
Frequency (MHz)				2557.5	2605.0	2652.5
5	QPSK	1	0	22.69	22.71	22.73
5	QPSK	1	12	22.76	22.79	22.66
5	QPSK	1	24	22.73	22.75	22.57
5	QPSK	12	0	21.88	21.91	21.84
5	QPSK	12	7	21.93	21.96	21.88
5	QPSK	12	13	21.87	21.94	21.83
5	QPSK	25	0	21.92	21.91	21.79
5	16QAM	1	0	22.03	21.98	21.94
5	16QAM	1	12	22.07	22.04	21.91
5	16QAM	1	24	21.94	22.03	21.78
5	16QAM	12	0	20.94	20.92	20.87
5	16QAM	12	7	20.98	20.99	20.88
5	16QAM	12	13	20.94	20.95	20.82
5	16QAM	25	0	21.01	20.89	20.88
5	64QAM	1	0	21.90	21.92	21.90
5	64QAM	1	12	21.97	22.01	21.79
5	64QAM	1	24	21.96	21.93	21.87
5	64QAM	12	0	20.89	20.87	20.77
5	64QAM	12	7	20.94	20.95	20.88
5	64QAM	12	13	20.84	21.01	20.77
5	64QAM	25	0	20.90	20.82	20.77

Effective Radiated Power and Effective Isotropic Radiated Power:

Top Antenna

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dbm	W	dbm	W	dbm	W
20	QPSK	1	0	21.07	0.128	21.16	0.131	21.15	0.130
20	QPSK	1	49	21.17	0.131	21.09	0.129	21.18	0.131
20	QPSK	1	99	21.00	0.126	21.03	0.127	21.08	0.128
20	QPSK	50	0	20.25	0.106	20.25	0.106	20.34	0.108
20	QPSK	50	24	20.27	0.106	20.31	0.107	20.31	0.107
20	QPSK	50	50	20.11	0.103	20.21	0.105	20.25	0.106
20	QPSK	100	0	20.23	0.105	20.36	0.109	20.26	0.106
20	16QAM	1	0	20.35	0.108	20.42	0.110	20.34	0.108
20	16QAM	1	49	20.45	0.111	20.29	0.107	20.34	0.108
20	16QAM	1	99	20.31	0.107	20.24	0.106	20.28	0.107
20	16QAM	50	0	19.35	0.086	19.45	0.088	19.32	0.086
20	16QAM	50	24	19.29	0.085	19.36	0.086	19.31	0.085
20	16QAM	50	50	19.34	0.086	19.34	0.086	19.40	0.087
20	16QAM	100	0	19.29	0.085	19.36	0.086	19.36	0.086
20	64QAM	1	0	20.28	0.107	20.37	0.109	20.29	0.107
20	64QAM	1	49	20.37	0.109	20.33	0.108	20.37	0.109
20	64QAM	1	99	20.41	0.110	20.26	0.106	20.31	0.107
20	64QAM	50	0	19.28	0.085	19.42	0.087	19.43	0.088
20	64QAM	50	24	19.30	0.085	19.37	0.086	19.32	0.086
20	64QAM	50	50	19.40	0.087	19.40	0.087	19.27	0.085
20	64QAM	100	0	19.33	0.086	19.29	0.085	19.31	0.085

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	21.19	0.132	21.36	0.137	21.38	0.137
15	QPSK	1	37	21.63	0.146	21.67	0.147	21.67	0.147
15	QPSK	1	74	21.51	0.142	21.45	0.140	21.47	0.140
15	QPSK	36	0	20.62	0.115	20.59	0.115	20.63	0.116
15	QPSK	36	20	20.73	0.118	20.77	0.119	20.78	0.120
15	QPSK	36	39	20.70	0.117	20.72	0.118	20.69	0.117
15	QPSK	75	0	20.71	0.118	20.60	0.115	20.64	0.116
15	16QAM	1	0	20.62	0.115	20.29	0.107	20.75	0.119
15	16QAM	1	37	21.20	0.132	20.59	0.115	21.01	0.126
15	16QAM	1	74	21.00	0.126	20.33	0.108	20.82	0.121
15	16QAM	36	0	19.58	0.091	19.63	0.092	19.61	0.091
15	16QAM	36	20	19.73	0.094	19.63	0.092	19.75	0.094
15	16QAM	36	39	19.69	0.093	19.68	0.093	19.68	0.093
15	16QAM	75	0	19.70	0.093	19.64	0.092	19.68	0.093
15	64QAM	1	0	20.29	0.107	20.46	0.111	20.54	0.113
15	64QAM	1	37	21.08	0.128	20.73	0.118	20.70	0.117
15	64QAM	1	74	20.95	0.124	20.48	0.112	20.55	0.114
15	64QAM	36	0	19.47	0.089	19.62	0.092	19.63	0.092
15	64QAM	36	20	19.72	0.094	19.65	0.092	19.79	0.095
15	64QAM	36	39	19.70	0.093	19.72	0.094	19.50	0.089
15	64QAM	75	0	19.66	0.092	19.70	0.093	19.71	0.094

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	20.84	0.121	21.04	0.127	20.88	0.122
10	QPSK	1	25	20.79	0.120	20.91	0.123	20.89	0.123
10	QPSK	1	49	20.77	0.119	20.92	0.124	20.90	0.123
10	QPSK	25	0	20.08	0.102	20.22	0.105	20.09	0.102
10	QPSK	25	12	20.09	0.102	20.15	0.104	20.09	0.102
10	QPSK	25	25	20.10	0.102	20.20	0.105	20.13	0.103
10	QPSK	50	0	20.09	0.102	20.14	0.103	20.10	0.102
10	16QAM	1	0	20.05	0.101	20.21	0.105	20.18	0.104
10	16QAM	1	25	20.11	0.103	20.28	0.107	20.15	0.104
10	16QAM	1	49	20.08	0.102	20.16	0.104	20.20	0.105
10	16QAM	25	0	19.15	0.082	19.22	0.084	19.20	0.083
10	16QAM	25	12	19.10	0.081	19.25	0.084	19.21	0.083
10	16QAM	25	25	19.15	0.082	19.15	0.082	19.14	0.082
10	16QAM	50	0	19.05	0.080	19.19	0.083	19.20	0.083
10	64QAM	1	0	20.01	0.100	20.11	0.103	20.17	0.104
10	64QAM	1	25	20.08	0.102	20.18	0.104	20.19	0.104
10	64QAM	1	49	19.99	0.100	20.19	0.104	20.06	0.101
10	64QAM	25	0	19.06	0.081	19.16	0.082	19.03	0.080
10	64QAM	25	12	19.18	0.083	19.14	0.082	19.09	0.081
10	64QAM	25	25	19.09	0.081	19.09	0.081	19.12	0.082
10	64QAM	50	0	19.12	0.082	19.17	0.083	19.18	0.083

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	20.69	0.117	20.99	0.126	20.91	0.123
5	QPSK	1	12	20.86	0.122	21.11	0.129	20.99	0.126
5	QPSK	1	24	20.93	0.124	21.00	0.126	20.88	0.122
5	QPSK	12	0	20.04	0.101	20.10	0.102	20.09	0.102
5	QPSK	12	7	20.13	0.103	20.28	0.107	20.19	0.104
5	QPSK	12	13	20.09	0.102	20.17	0.104	20.19	0.104
5	QPSK	25	0	20.16	0.104	20.05	0.101	20.02	0.100
5	16QAM	1	0	20.12	0.103	20.23	0.105	20.16	0.104
5	16QAM	1	12	20.27	0.106	20.40	0.110	20.23	0.105
5	16QAM	1	24	20.21	0.105	20.26	0.106	20.22	0.105
5	16QAM	12	0	19.16	0.082	19.15	0.082	19.19	0.083
5	16QAM	12	7	19.21	0.083	19.27	0.085	19.29	0.085
5	16QAM	12	13	19.20	0.083	19.24	0.084	19.24	0.084
5	16QAM	25	0	19.15	0.082	19.15	0.082	19.18	0.083
5	64QAM	1	0	19.99	0.100	20.14	0.103	20.06	0.101
5	64QAM	1	12	20.18	0.104	20.22	0.105	20.21	0.105
5	64QAM	1	24	20.24	0.106	20.25	0.106	20.18	0.104
5	64QAM	12	0	19.04	0.080	19.03	0.080	19.08	0.081
5	64QAM	12	7	19.10	0.081	19.22	0.084	19.18	0.083
5	64QAM	12	13	19.14	0.082	19.24	0.084	19.17	0.083
5	64QAM	25	0	19.12	0.082	19.08	0.081	19.07	0.081

LTE Band 40 (2305-2315MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	/	/	21.33	0.136	/	/
10	QPSK	1	25	/	/	21.27	0.134	/	/
10	QPSK	1	49	/	/	21.09	0.129	/	/
10	QPSK	25	0	/	/	20.45	0.111	/	/
10	QPSK	25	12	/	/	20.35	0.108	/	/
10	QPSK	25	25	/	/	20.36	0.109	/	/
10	QPSK	50	0	/	/	20.38	0.109	/	/
10	16QAM	1	0	/	/	20.58	0.114	/	/
10	16QAM	1	25	/	/	20.44	0.111	/	/
10	16QAM	1	49	/	/	20.30	0.107	/	/
10	16QAM	25	0	/	/	19.51	0.089	/	/
10	16QAM	25	12	/	/	19.45	0.088	/	/
10	16QAM	25	25	/	/	19.40	0.087	/	/
10	16QAM	50	0	/	/	19.45	0.088	/	/
10	64QAM	1	0	/	/	20.49	0.112	/	/
10	64QAM	1	25	/	/	20.52	0.113	/	/
10	64QAM	1	49	/	/	20.36	0.109	/	/
10	64QAM	25	0	/	/	19.49	0.089	/	/
10	64QAM	25	12	/	/	19.38	0.087	/	/
10	64QAM	25	25	/	/	19.32	0.086	/	/
10	64QAM	50	0	/	/	19.47	0.089	/	/

LTE Band 40 (2305-2315MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.20	0.132	21.27	0.134	21.29	0.135
5	QPSK	1	12	21.21	0.132	21.32	0.136	21.20	0.132
5	QPSK	1	24	21.17	0.131	21.25	0.133	21.24	0.133
5	QPSK	12	0	20.40	0.110	20.47	0.111	20.44	0.111
5	QPSK	12	7	20.47	0.111	20.55	0.114	20.61	0.115
5	QPSK	12	13	20.41	0.110	20.50	0.112	20.56	0.114
5	QPSK	25	0	20.47	0.111	20.50	0.112	20.53	0.113
5	16QAM	1	0	20.55	0.114	20.67	0.117	20.59	0.115
5	16QAM	1	12	20.54	0.113	20.60	0.115	20.67	0.117
5	16QAM	1	24	20.37	0.109	20.47	0.111	20.48	0.112
5	16QAM	12	0	19.49	0.089	19.56	0.090	19.55	0.090
5	16QAM	12	7	19.52	0.090	19.59	0.091	19.56	0.090
5	16QAM	12	13	19.53	0.090	19.59	0.091	19.60	0.091
5	16QAM	25	0	19.61	0.091	19.52	0.090	19.60	0.091
5	64QAM	1	0	20.45	0.111	20.56	0.114	20.60	0.115
5	64QAM	1	12	20.51	0.112	20.53	0.113	20.56	0.114
5	64QAM	1	24	20.42	0.110	20.46	0.111	20.48	0.112
5	64QAM	12	0	19.47	0.089	19.55	0.090	19.55	0.090
5	64QAM	12	7	19.47	0.089	19.53	0.090	19.52	0.090
5	64QAM	12	13	19.47	0.089	19.48	0.089	19.46	0.088
5	64QAM	25	0	19.52	0.090	19.55	0.090	19.53	0.090

LTE Band 40 (2350-2360MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	/	/	21.29	0.135	/	/
10	QPSK	1	25	/	/	21.44	0.139	/	/
10	QPSK	1	49	/	/	21.01	0.126	/	/
10	QPSK	25	0	/	/	20.46	0.111	/	/
10	QPSK	25	12	/	/	20.39	0.109	/	/
10	QPSK	25	25	/	/	20.31	0.107	/	/
10	QPSK	50	0	/	/	20.49	0.112	/	/
10	16QAM	1	0	/	/	20.62	0.115	/	/
10	16QAM	1	25	/	/	20.64	0.116	/	/
10	16QAM	1	49	/	/	20.52	0.113	/	/
10	16QAM	25	0	/	/	19.53	0.090	/	/
10	16QAM	25	12	/	/	19.49	0.089	/	/
10	16QAM	25	25	/	/	19.49	0.089	/	/
10	16QAM	50	0	/	/	19.53	0.090	/	/
10	64QAM	1	0	/	/	20.62	0.115	/	/
10	64QAM	1	25	/	/	20.55	0.114	/	/
10	64QAM	1	49	/	/	20.38	0.109	/	/
10	64QAM	25	0	/	/	19.50	0.089	/	/
10	64QAM	25	12	/	/	19.49	0.089	/	/
10	64QAM	25	25	/	/	19.42	0.087	/	/
10	64QAM	50	0	/	/	19.44	0.088	/	/

LTE Band 40 (2350-2360MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.37	0.137	21.34	0.136	21.40	0.138
5	QPSK	1	12	21.38	0.137	21.29	0.135	21.42	0.139
5	QPSK	1	24	21.14	0.130	21.30	0.135	21.29	0.135
5	QPSK	12	0	20.46	0.111	20.59	0.115	20.63	0.116
5	QPSK	12	7	20.53	0.113	20.51	0.112	20.56	0.114
5	QPSK	12	13	20.47	0.111	20.48	0.112	20.55	0.114
5	QPSK	25	0	20.48	0.112	20.49	0.112	20.54	0.113
5	16QAM	1	0	20.57	0.114	20.59	0.115	20.66	0.116
5	16QAM	1	12	20.62	0.115	20.60	0.115	20.57	0.114
5	16QAM	1	24	20.47	0.111	20.53	0.113	20.51	0.112
5	16QAM	12	0	19.57	0.091	19.57	0.091	19.58	0.091
5	16QAM	12	7	19.55	0.090	19.60	0.091	19.62	0.092
5	16QAM	12	13	19.50	0.089	19.57	0.091	19.60	0.091
5	16QAM	25	0	19.52	0.090	19.43	0.088	19.50	0.089
5	64QAM	1	0	20.58	0.114	20.60	0.115	20.71	0.118
5	64QAM	1	12	20.50	0.112	20.52	0.113	20.56	0.114
5	64QAM	1	24	20.50	0.112	20.40	0.110	20.40	0.110
5	64QAM	12	0	19.55	0.090	19.46	0.088	19.47	0.089
5	64QAM	12	7	19.59	0.091	19.49	0.089	19.58	0.091
5	64QAM	12	13	19.53	0.090	19.57	0.091	19.50	0.089
5	64QAM	25	0	19.48	0.089	19.46	0.088	19.58	0.091

LTE Band 41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40340		40740		41140	
Frequency (MHz)				2565.0		2605.0		2645.0	
				dbm	W	dbm	W	dbm	W
20	QPSK	1	0	20.88	0.122	21.03	0.127	21.14	0.130
20	QPSK	1	49	20.98	0.125	20.96	0.125	20.82	0.121
20	QPSK	1	99	21.01	0.126	20.89	0.123	20.82	0.121
20	QPSK	50	0	20.08	0.102	20.24	0.106	20.25	0.106
20	QPSK	50	24	20.29	0.107	20.17	0.104	20.10	0.102
20	QPSK	50	50	20.31	0.107	20.14	0.103	19.97	0.099
20	QPSK	100	0	20.25	0.106	20.15	0.104	20.13	0.103
20	16QAM	1	0	20.17	0.104	20.30	0.107	20.32	0.108
20	16QAM	1	49	20.36	0.109	20.17	0.104	20.18	0.104
20	16QAM	1	99	20.43	0.110	20.16	0.104	19.91	0.098
20	16QAM	50	0	19.25	0.084	19.28	0.085	19.27	0.085
20	16QAM	50	24	19.30	0.085	19.25	0.084	19.14	0.082
20	16QAM	50	50	19.28	0.085	19.22	0.084	18.96	0.079
20	16QAM	100	0	19.26	0.084	19.25	0.084	19.12	0.082
20	64QAM	1	0	20.07	0.102	20.17	0.104	20.39	0.109
20	64QAM	1	49	20.27	0.106	20.13	0.103	20.00	0.100
20	64QAM	1	99	20.23	0.105	20.14	0.103	19.87	0.097
20	64QAM	50	0	19.12	0.082	19.17	0.083	19.18	0.083
20	64QAM	50	24	19.23	0.084	19.27	0.085	19.18	0.083
20	64QAM	50	50	19.28	0.085	19.10	0.081	18.90	0.078
20	64QAM	100	0	19.34	0.086	19.23	0.084	19.13	0.082

LTE Band 41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40315		40740		41165	
Frequency (MHz)				2562.5		2605.0		2647.5	
				dbm	W	dbm	W	dbm	W

15	QPSK	1	0	20.93	0.124	21.04	0.127	21.11	0.129
15	QPSK	1	37	21.11	0.129	20.93	0.124	20.96	0.125
15	QPSK	1	74	21.11	0.129	21.09	0.129	20.70	0.117
15	QPSK	36	0	20.17	0.104	20.16	0.104	20.25	0.106
15	QPSK	36	20	20.20	0.105	20.27	0.106	20.08	0.102
15	QPSK	36	39	20.33	0.108	20.16	0.104	19.96	0.099
15	QPSK	75	0	20.19	0.104	20.20	0.105	20.07	0.102
15	16QAM	1	0	20.18	0.104	20.20	0.105	20.35	0.108
15	16QAM	1	37	20.34	0.108	20.30	0.107	20.10	0.102
15	16QAM	1	74	20.44	0.111	20.17	0.104	19.95	0.099
15	16QAM	36	0	19.08	0.081	19.18	0.083	19.22	0.084
15	16QAM	36	20	19.19	0.083	19.17	0.083	19.11	0.081
15	16QAM	36	39	19.32	0.086	19.16	0.082	18.95	0.079
15	16QAM	75	0	19.27	0.085	19.18	0.083	19.08	0.081
15	64QAM	1	0	20.09	0.102	20.16	0.104	20.34	0.108
15	64QAM	1	37	20.19	0.104	20.14	0.103	19.96	0.099
15	64QAM	1	74	20.21	0.105	20.22	0.105	20.28	0.107
15	64QAM	36	0	19.12	0.082	19.18	0.083	19.25	0.084
15	64QAM	36	20	19.30	0.085	19.15	0.082	19.09	0.081
15	64QAM	36	39	19.34	0.086	19.14	0.082	18.97	0.079
15	64QAM	75	0	19.26	0.084	19.24	0.084	19.12	0.082

LTE Band 41				**Measured EIRP**					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40290		40740		41190	
Frequency (MHz)				2560.0		2605.0		2650.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	20.82	0.121	20.86	0.122	20.72	0.118
10	QPSK	1	25	21.02	0.126	20.88	0.122	20.86	0.122
10	QPSK	1	49	20.84	0.121	20.79	0.120	20.75	0.119
10	QPSK	25	0	20.10	0.102	20.09	0.102	20.01	0.100
10	QPSK	25	12	20.11	0.103	20.09	0.102	20.03	0.101
10	QPSK	25	25	20.06	0.101	20.00	0.100	19.89	0.097
10	QPSK	50	0	20.13	0.103	20.07	0.102	19.97	0.099
10	16QAM	1	0	20.24	0.106	20.15	0.104	20.10	0.102

10	16QAM	1	25	20.10	0.102	20.24	0.106	20.18	0.104
10	16QAM	1	49	20.14	0.103	20.12	0.103	20.08	0.102
10	16QAM	25	0	19.19	0.083	19.15	0.082	19.06	0.081
10	16QAM	25	12	19.12	0.082	19.14	0.082	19.02	0.080
10	16QAM	25	25	19.09	0.081	19.09	0.081	18.91	0.078
10	16QAM	50	0	19.18	0.083	19.14	0.082	18.96	0.079
10	64QAM	1	0	20.06	0.101	20.06	0.101	20.11	0.103
10	64QAM	1	25	19.98	0.100	20.15	0.104	19.90	0.098
10	64QAM	1	49	20.07	0.102	20.01	0.100	19.89	0.097
10	64QAM	25	0	19.13	0.082	18.99	0.079	18.96	0.079
10	64QAM	25	12	19.17	0.083	18.97	0.079	18.96	0.079
10	64QAM	25	25	19.09	0.081	18.99	0.079	18.86	0.077
10	64QAM	50	0	19.09	0.081	18.98	0.079	19.04	0.080

LTE Band 41				**Measured EIRP**					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40265		40740		41215	
Frequency (MHz)				2557.5		2605.0		2652.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	20.92	0.124	20.93	0.124	20.94	0.124
5	QPSK	1	12	21.00	0.126	20.84	0.121	20.87	0.122
5	QPSK	1	24	20.96	0.125	20.87	0.122	20.78	0.120
5	QPSK	12	0	20.12	0.103	20.11	0.103	20.05	0.101
5	QPSK	12	7	20.17	0.104	20.16	0.104	20.09	0.102
5	QPSK	12	13	20.15	0.104	20.11	0.103	20.04	0.101
5	QPSK	25	0	20.12	0.103	20.10	0.102	20.00	0.100
5	16QAM	1	0	20.19	0.104	20.16	0.104	20.15	0.104
5	16QAM	1	12	20.25	0.106	20.18	0.104	20.12	0.103
5	16QAM	1	24	20.24	0.106	20.13	0.103	19.99	0.100
5	16QAM	12	0	19.13	0.082	19.15	0.082	19.08	0.081
5	16QAM	12	7	19.20	0.083	19.09	0.081	19.09	0.081
5	16QAM	12	13	19.16	0.082	19.15	0.082	19.03	0.080
5	16QAM	25	0	19.10	0.081	19.11	0.081	19.09	0.081
5	64QAM	1	0	20.13	0.103	20.11	0.103	20.11	0.103
5	64QAM	1	12	20.22	0.105	20.16	0.104	20.00	0.100

5	64QAM	1	24	20.14	0.103	20.12	0.103	20.08	0.102
5	64QAM	12	0	19.08	0.081	19.14	0.082	18.98	0.079
5	64QAM	12	7	19.16	0.082	19.13	0.082	19.09	0.081
5	64QAM	12	13	19.22	0.084	19.11	0.081	18.98	0.079
5	64QAM	25	0	19.03	0.080	19.04	0.080	18.98	0.079

Bottom Antenna

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dbm	W	dbm	W	dbm	W
20	QPSK	1	0	24.57	0.286	24.60	0.288	24.72	0.296
20	QPSK	1	49	24.56	0.286	24.63	0.290	24.61	0.289
20	QPSK	1	99	24.52	0.283	24.50	0.282	24.50	0.282
20	QPSK	50	0	23.76	0.238	23.79	0.239	23.88	0.244
20	QPSK	50	24	23.72	0.236	23.79	0.239	23.79	0.239
20	QPSK	50	50	23.79	0.239	23.85	0.243	23.84	0.242
20	QPSK	100	0	23.76	0.238	23.86	0.243	23.82	0.241
20	16QAM	1	0	23.87	0.244	23.96	0.249	23.87	0.244
20	16QAM	1	49	23.83	0.242	23.82	0.241	23.96	0.249
20	16QAM	1	99	23.93	0.247	23.89	0.245	23.85	0.243
20	16QAM	50	0	22.95	0.197	22.88	0.194	22.83	0.192
20	16QAM	50	24	22.88	0.194	22.88	0.194	22.88	0.194
20	16QAM	50	50	22.84	0.192	22.83	0.192	22.84	0.192
20	16QAM	100	0	22.96	0.198	22.96	0.198	22.97	0.198
20	64QAM	1	0	23.80	0.240	23.94	0.248	23.79	0.239
20	64QAM	1	49	23.86	0.243	23.87	0.244	23.79	0.239
20	64QAM	1	99	23.74	0.237	23.81	0.240	23.77	0.238
20	64QAM	50	0	22.77	0.189	22.80	0.191	22.76	0.189
20	64QAM	50	24	22.75	0.188	22.80	0.191	22.81	0.191
20	64QAM	50	50	22.72	0.187	22.82	0.191	22.67	0.185
20	64QAM	100	0	22.84	0.192	22.84	0.192	22.76	0.189

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	24.59	0.288	24.68	0.294	24.67	0.293
15	QPSK	1	37	24.69	0.294	24.61	0.289	24.70	0.295
15	QPSK	1	74	24.52	0.283	24.55	0.285	24.60	0.288
15	QPSK	36	0	23.77	0.238	23.77	0.238	23.73	0.236
15	QPSK	36	20	23.79	0.239	23.83	0.242	23.83	0.242
15	QPSK	36	39	23.63	0.231	23.86	0.243	23.77	0.238
15	QPSK	75	0	23.75	0.237	23.88	0.244	23.78	0.239
15	16QAM	1	0	23.87	0.244	23.94	0.248	23.86	0.243
15	16QAM	1	37	23.97	0.249	23.81	0.240	23.86	0.243
15	16QAM	1	74	23.83	0.242	23.76	0.238	23.80	0.240
15	16QAM	36	0	22.87	0.194	22.97	0.198	22.84	0.192
15	16QAM	36	20	22.81	0.191	22.88	0.194	22.83	0.192
15	16QAM	36	39	22.86	0.193	22.86	0.193	22.92	0.196
15	16QAM	75	0	22.81	0.191	22.88	0.194	22.88	0.194
15	64QAM	1	0	23.80	0.240	23.89	0.245	23.81	0.240
15	64QAM	1	37	23.89	0.245	23.85	0.243	23.89	0.245
15	64QAM	1	74	23.93	0.247	23.78	0.239	23.83	0.242
15	64QAM	36	0	22.80	0.191	22.94	0.197	22.95	0.197
15	64QAM	36	20	22.82	0.191	22.89	0.195	22.84	0.192
15	64QAM	36	39	22.92	0.196	22.92	0.196	22.79	0.190
15	64QAM	75	0	22.85	0.193	22.81	0.191	22.83	0.192

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	24.36	0.273	24.56	0.286	24.40	0.275
10	QPSK	1	25	24.31	0.270	24.43	0.277	24.41	0.276
10	QPSK	1	49	24.29	0.269	24.44	0.278	24.42	0.277
10	QPSK	25	0	23.60	0.229	23.74	0.237	23.61	0.230
10	QPSK	25	12	23.61	0.230	23.67	0.233	23.61	0.230
10	QPSK	25	25	23.62	0.230	23.72	0.236	23.65	0.232
10	QPSK	50	0	23.61	0.230	23.66	0.232	23.62	0.230
10	16QAM	1	0	23.57	0.228	23.73	0.236	23.70	0.234
10	16QAM	1	25	23.63	0.231	23.80	0.240	23.67	0.233
10	16QAM	1	49	23.60	0.229	23.68	0.233	23.72	0.236
10	16QAM	25	0	22.67	0.185	22.74	0.188	22.72	0.187
10	16QAM	25	12	22.62	0.183	22.77	0.189	22.73	0.187
10	16QAM	25	25	22.67	0.185	22.67	0.185	22.66	0.185
10	16QAM	50	0	22.57	0.181	22.71	0.187	22.72	0.187
10	64QAM	1	0	23.53	0.225	23.63	0.231	23.69	0.234
10	64QAM	1	25	23.60	0.229	23.70	0.234	23.71	0.235
10	64QAM	1	49	23.51	0.224	23.71	0.235	23.58	0.228
10	64QAM	25	0	22.58	0.181	22.68	0.185	22.55	0.180
10	64QAM	25	12	22.70	0.186	22.66	0.185	22.61	0.182
10	64QAM	25	25	22.61	0.182	22.61	0.182	22.64	0.184
10	64QAM	50	0	22.64	0.184	22.69	0.186	22.70	0.186

LTE Band 38				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	24.21	0.264	24.51	0.282	24.43	0.277
5	QPSK	1	12	24.38	0.274	24.63	0.290	24.51	0.282
5	QPSK	1	24	24.45	0.279	24.52	0.283	24.40	0.275
5	QPSK	12	0	23.56	0.227	23.62	0.230	23.61	0.230
5	QPSK	12	7	23.65	0.232	23.80	0.240	23.71	0.235
5	QPSK	12	13	23.61	0.230	23.69	0.234	23.71	0.235
5	QPSK	25	0	23.68	0.233	23.57	0.228	23.54	0.226
5	16QAM	1	0	23.64	0.231	23.75	0.237	23.68	0.233
5	16QAM	1	12	23.79	0.239	23.92	0.247	23.75	0.237
5	16QAM	1	24	23.73	0.236	23.78	0.239	23.74	0.237
5	16QAM	12	0	22.68	0.185	22.67	0.185	22.71	0.187
5	16QAM	12	7	22.73	0.187	22.79	0.190	22.81	0.191
5	16QAM	12	13	22.72	0.187	22.76	0.189	22.76	0.189
5	16QAM	25	0	22.67	0.185	22.67	0.185	22.70	0.186
5	64QAM	1	0	23.51	0.224	23.66	0.232	23.58	0.228
5	64QAM	1	12	23.70	0.234	23.74	0.237	23.73	0.236
5	64QAM	1	24	23.76	0.238	23.77	0.238	23.70	0.234
5	64QAM	12	0	22.56	0.180	22.55	0.180	22.60	0.182
5	64QAM	12	7	22.62	0.183	22.74	0.188	22.70	0.186
5	64QAM	12	13	22.66	0.185	22.76	0.189	22.69	0.186
5	64QAM	25	0	22.64	0.184	22.60	0.182	22.59	0.182

LTE Band 40 (2305-2315MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dbm	W	dbm	W	dbm	W

10	QPSK	1	0	/	/	24.33	0.271	/	/
10	QPSK	1	25	/	/	24.27	0.267	/	/
10	QPSK	1	49	/	/	24.09	0.256	/	/
10	QPSK	25	0	/	/	23.45	0.221	/	/
10	QPSK	25	12	/	/	23.35	0.216	/	/
10	QPSK	25	25	/	/	23.36	0.217	/	/
10	QPSK	50	0	/	/	23.38	0.218	/	/
10	16QAM	1	0	/	/	23.58	0.228	/	/
10	16QAM	1	25	/	/	23.44	0.221	/	/
10	16QAM	1	49	/	/	23.30	0.214	/	/
10	16QAM	25	0	/	/	22.51	0.178	/	/
10	16QAM	25	12	/	/	22.45	0.176	/	/
10	16QAM	25	25	/	/	22.40	0.174	/	/
10	16QAM	50	0	/	/	22.45	0.176	/	/
10	64QAM	1	0	/	/	23.49	0.223	/	/
10	64QAM	1	25	/	/	23.52	0.225	/	/
10	64QAM	1	49	/	/	23.36	0.217	/	/
10	64QAM	25	0	/	/	22.49	0.177	/	/
10	64QAM	25	12	/	/	22.38	0.173	/	/
10	64QAM	25	25	/	/	22.32	0.171	/	/
10	64QAM	50	0	/	/	22.47	0.177	/	/

LTE Band 40 (2305-2315MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	24.20	0.263	22.91	0.267	24.29	0.269
5	QPSK	1	12	24.21	0.264	23.02	0.270	24.20	0.263
5	QPSK	1	24	24.17	0.261	22.86	0.266	24.24	0.265
5	QPSK	12	0	23.40	0.219	22.09	0.222	23.44	0.221
5	QPSK	12	7	23.47	0.222	22.19	0.226	23.61	0.230
5	QPSK	12	13	23.41	0.219	22.19	0.224	23.56	0.227
5	QPSK	25	0	23.47	0.222	22.07	0.224	23.53	0.225
5	16QAM	1	0	23.55	0.226	22.27	0.233	23.59	0.229
5	16QAM	1	12	23.54	0.226	22.41	0.229	23.67	0.233
5	16QAM	1	24	23.37	0.217	22.36	0.222	23.48	0.223
5	16QAM	12	0	22.49	0.177	21.35	0.180	22.55	0.180
5	16QAM	12	7	22.52	0.179	21.34	0.182	22.56	0.180
5	16QAM	12	13	22.53	0.179	21.23	0.182	22.60	0.182
5	16QAM	25	0	22.61	0.182	21.37	0.179	22.60	0.182
5	64QAM	1	0	23.45	0.221	22.37	0.227	23.60	0.229
5	64QAM	1	12	23.51	0.224	22.29	0.225	23.56	0.227
5	64QAM	1	24	23.42	0.220	22.14	0.222	23.48	0.223
5	64QAM	12	0	22.47	0.177	21.08	0.180	22.55	0.180
5	64QAM	12	7	22.47	0.177	21.29	0.179	22.52	0.179
5	64QAM	12	13	22.47	0.177	21.18	0.177	22.46	0.176
5	64QAM	25	0	22.52	0.179	21.08	0.180	22.53	0.179

LTE Band 40 (2350-2360MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	/	/	24.29	0.269	/	/
10	QPSK	1	25	/	/	24.44	0.278	/	/
10	QPSK	1	49	/	/	24.01	0.252	/	/
10	QPSK	25	0	/	/	23.46	0.222	/	/
10	QPSK	25	12	/	/	23.39	0.218	/	/
10	QPSK	25	25	/	/	23.31	0.214	/	/
10	QPSK	50	0	/	/	23.49	0.223	/	/
10	16QAM	1	0	/	/	23.62	0.230	/	/
10	16QAM	1	25	/	/	23.64	0.231	/	/
10	16QAM	1	49	/	/	23.52	0.225	/	/
10	16QAM	25	0	/	/	22.53	0.179	/	/
10	16QAM	25	12	/	/	22.49	0.177	/	/
10	16QAM	25	25	/	/	22.49	0.177	/	/
10	16QAM	50	0	/	/	22.53	0.179	/	/
10	64QAM	1	0	/	/	23.62	0.230	/	/
10	64QAM	1	25	/	/	23.55	0.226	/	/
10	64QAM	1	49	/	/	23.38	0.218	/	/
10	64QAM	25	0	/	/	22.50	0.178	/	/
10	64QAM	25	12	/	/	22.49	0.177	/	/
10	64QAM	25	25	/	/	22.42	0.175	/	/
10	64QAM	50	0	/	/	22.44	0.175	/	/

LTE Band 40 (2350-2360MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	24.37	0.274	24.34	0.272	24.40	0.275
5	QPSK	1	12	24.38	0.274	24.29	0.269	24.42	0.277
5	QPSK	1	24	24.14	0.259	24.30	0.269	24.29	0.269
5	QPSK	12	0	23.46	0.222	23.59	0.229	23.63	0.231
5	QPSK	12	7	23.53	0.225	23.51	0.224	23.56	0.227
5	QPSK	12	13	23.47	0.222	23.48	0.223	23.55	0.226
5	QPSK	25	0	23.48	0.223	23.49	0.223	23.54	0.226
5	16QAM	1	0	23.57	0.228	23.59	0.229	23.66	0.232
5	16QAM	1	12	23.62	0.230	23.60	0.229	23.57	0.228
5	16QAM	1	24	23.47	0.222	23.53	0.225	23.51	0.224
5	16QAM	12	0	22.57	0.181	22.57	0.181	22.58	0.181
5	16QAM	12	7	22.55	0.180	22.60	0.182	22.62	0.183
5	16QAM	12	13	22.50	0.178	22.57	0.181	22.60	0.182
5	16QAM	25	0	22.52	0.179	22.43	0.175	22.50	0.178
5	64QAM	1	0	23.58	0.228	23.60	0.229	23.71	0.235
5	64QAM	1	12	23.50	0.224	23.52	0.225	23.56	0.227
5	64QAM	1	24	23.50	0.224	23.40	0.219	23.40	0.219
5	64QAM	12	0	22.55	0.180	22.46	0.176	22.47	0.177
5	64QAM	12	7	22.59	0.182	22.49	0.177	22.58	0.181
5	64QAM	12	13	22.53	0.179	22.57	0.181	22.50	0.178
5	64QAM	25	0	22.48	0.177	22.46	0.176	22.58	0.181

LTE Band 41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40340		40740		41140	
Frequency (MHz)				2565.0		2605.0		2645.0	
				dbm	W	dbm	W	dbm	W

20	QPSK	1	0	24.58	0.287	24.38	0.274	24.64	0.291
20	QPSK	1	49	24.58	0.287	24.48	0.281	24.32	0.270
20	QPSK	1	99	24.65	0.292	24.51	0.282	24.32	0.270
20	QPSK	50	0	23.86	0.243	23.58	0.228	23.75	0.237
20	QPSK	50	24	23.80	0.240	23.79	0.239	23.60	0.229
20	QPSK	50	50	23.81	0.240	23.81	0.240	23.47	0.222
20	QPSK	100	0	23.83	0.242	23.75	0.237	23.63	0.231
20	16QAM	1	0	23.91	0.246	23.67	0.233	23.82	0.241
20	16QAM	1	49	23.79	0.239	23.86	0.243	23.68	0.233
20	16QAM	1	99	23.75	0.237	23.93	0.247	23.41	0.219
20	16QAM	50	0	22.87	0.194	22.75	0.188	22.77	0.189
20	16QAM	50	24	22.81	0.191	22.80	0.191	22.64	0.184
20	16QAM	50	50	22.74	0.188	22.78	0.190	22.46	0.176
20	16QAM	100	0	22.74	0.188	22.76	0.189	22.62	0.183
20	64QAM	1	0	23.84	0.242	23.57	0.228	23.89	0.245
20	64QAM	1	49	23.77	0.238	23.77	0.238	23.50	0.224
20	64QAM	1	99	23.77	0.238	23.73	0.236	23.37	0.217
20	64QAM	50	0	22.85	0.193	22.62	0.183	22.68	0.185
20	64QAM	50	24	22.79	0.190	22.73	0.187	22.68	0.185
20	64QAM	50	50	22.71	0.187	22.78	0.190	22.40	0.174
20	64QAM	100	0	22.85	0.193	22.84	0.192	22.63	0.183

LTE Band 41				**Measured EIRP**					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40315		40740		41165	
Frequency (MHz)				2562.5		2605.0		2647.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	24.58	0.287	24.43	0.277	24.61	0.289
15	QPSK	1	37	24.64	0.291	24.61	0.289	24.46	0.279
15	QPSK	1	74	24.58	0.287	24.61	0.289	24.20	0.263
15	QPSK	36	0	23.79	0.239	23.67	0.233	23.75	0.237
15	QPSK	36	20	23.77	0.238	23.70	0.234	23.58	0.228
15	QPSK	36	39	23.67	0.233	23.83	0.242	23.46	0.222
15	QPSK	75	0	23.80	0.240	23.69	0.234	23.57	0.228
15	16QAM	1	0	23.72	0.236	23.68	0.233	23.85	0.243

15	16QAM	1	37	23.88	0.244	23.84	0.242	23.60	0.229
15	16QAM	1	74	23.83	0.242	23.94	0.248	23.45	0.221
15	16QAM	36	0	22.72	0.187	22.58	0.181	22.72	0.187
15	16QAM	36	20	22.74	0.188	22.69	0.186	22.61	0.182
15	16QAM	36	39	22.72	0.187	22.82	0.191	22.45	0.176
15	16QAM	75	0	22.78	0.190	22.77	0.189	22.58	0.181
15	64QAM	1	0	23.74	0.237	23.59	0.229	23.84	0.242
15	64QAM	1	37	23.86	0.243	23.69	0.234	23.46	0.222
15	64QAM	1	74	23.84	0.242	23.71	0.235	23.78	0.239
15	64QAM	36	0	22.75	0.188	22.62	0.183	22.75	0.188
15	64QAM	36	20	22.73	0.187	22.80	0.191	22.59	0.182
15	64QAM	36	39	22.79	0.190	22.84	0.192	22.47	0.177
15	64QAM	75	0	22.72	0.187	22.76	0.189	22.62	0.183

LTE Band 41				**Measured EIRP**					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40290		40740		41190	
Frequency (MHz)				2560.0		2605.0		2650.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	24.41	0.276	24.32	0.270	24.22	0.264
10	QPSK	1	25	24.34	0.272	24.52	0.283	24.36	0.273
10	QPSK	1	49	24.42	0.277	24.34	0.272	24.25	0.266
10	QPSK	25	0	23.58	0.228	23.60	0.229	23.51	0.224
10	QPSK	25	12	23.54	0.226	23.61	0.230	23.53	0.225
10	QPSK	25	25	23.56	0.227	23.56	0.227	23.39	0.218
10	QPSK	50	0	23.43	0.220	23.63	0.231	23.47	0.222
10	16QAM	1	0	23.62	0.230	23.74	0.237	23.60	0.229
10	16QAM	1	25	23.57	0.228	23.60	0.229	23.68	0.233
10	16QAM	1	49	23.56	0.227	23.64	0.231	23.58	0.228
10	16QAM	25	0	22.71	0.187	22.69	0.186	22.56	0.180
10	16QAM	25	12	22.62	0.183	22.62	0.183	22.52	0.179
10	16QAM	25	25	22.52	0.179	22.59	0.182	22.41	0.174
10	16QAM	50	0	22.60	0.182	22.68	0.185	22.46	0.176
10	64QAM	1	0	23.51	0.224	23.56	0.227	23.61	0.230
10	64QAM	1	25	23.66	0.232	23.48	0.223	23.40	0.219

10	64QAM	1	49	23.58	0.228	23.57	0.228	23.39	0.218
10	64QAM	25	0	22.65	0.184	22.63	0.183	22.46	0.176
10	64QAM	25	12	22.51	0.178	22.67	0.185	22.46	0.176
10	64QAM	25	25	22.46	0.176	22.59	0.182	22.36	0.172
10	64QAM	50	0	22.52	0.179	22.59	0.182	22.54	0.179

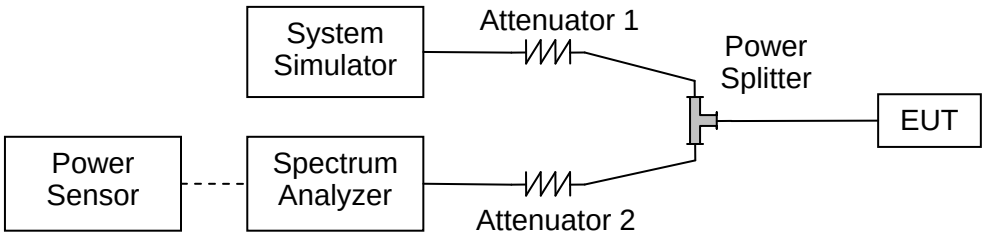
LTE Band 41				**Measured EIRP**					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40265		40740		41215	
Frequency (MHz)				2557.5		2605.0		2652.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	24.40	0.275	24.42	0.277	24.44	0.278
5	QPSK	1	12	24.47	0.280	24.50	0.282	24.37	0.274
5	QPSK	1	24	24.44	0.278	24.46	0.279	24.28	0.268
5	QPSK	12	0	23.59	0.229	23.62	0.230	23.55	0.226
5	QPSK	12	7	23.64	0.231	23.67	0.233	23.59	0.229
5	QPSK	12	13	23.58	0.228	23.65	0.232	23.54	0.226
5	QPSK	25	0	23.63	0.231	23.62	0.230	23.50	0.224
5	16QAM	1	0	23.74	0.237	23.69	0.234	23.65	0.232
5	16QAM	1	12	23.78	0.239	23.75	0.237	23.62	0.230
5	16QAM	1	24	23.65	0.232	23.74	0.237	23.49	0.223
5	16QAM	12	0	22.65	0.184	22.63	0.183	22.58	0.181
5	16QAM	12	7	22.69	0.186	22.70	0.186	22.59	0.182
5	16QAM	12	13	22.65	0.184	22.66	0.185	22.53	0.179
5	16QAM	25	0	22.72	0.187	22.60	0.182	22.59	0.182
5	64QAM	1	0	23.61	0.230	23.63	0.231	23.61	0.230
5	64QAM	1	12	23.68	0.233	23.72	0.236	23.50	0.224
5	64QAM	1	24	23.67	0.233	23.64	0.231	23.58	0.228
5	64QAM	12	0	22.60	0.182	22.58	0.181	22.48	0.177
5	64QAM	12	7	22.65	0.184	22.66	0.185	22.59	0.182
5	64QAM	12	13	22.55	0.180	22.72	0.187	22.48	0.177
5	64QAM	25	0	22.61	0.182	22.53	0.179	22.48	0.177

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



The EUTis coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

2.2.4. Test Result

LTE Band 38							
BW (MHz)	Modulation	Low CH		Mid CH		High CH	
		OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)
5	QPSK	4.50	4.96	4.51	4.94	4.51	4.96
	16QAM	4.51	4.97	4.50	4.95	4.51	4.94
	64QAM	4.49	4.92	4.48	4.91	4.48	4.91
10	QPSK	8.98	9.76	8.96	9.73	8.99	9.72
	16QAM	8.96	9.71	8.96	9.75	8.97	9.70
	64QAM	8.97	9.70	8.98	9.76	8.95	9.77
15	QPSK	13.46	14.55	13.46	14.61	13.46	14.61
	16QAM	13.45	14.51	13.46	14.67	13.48	14.61
	64QAM	13.45	14.55	13.48	14.60	13.46	14.45
20	QPSK	17.96	19.47	17.96	19.44	17.94	19.44
	16QAM	17.94	19.51	17.95	19.46	17.96	19.48
	64QAM	17.96	19.51	17.94	19.41	17.93	19.43

LTE Band 40(2305-2315MHz)							
BW (MHz)	Modulation	Low CH		Mid CH		High CH	
		OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)
5	QPSK	4.49	5.08	4.49	4.96	4.49	4.92
	16QAM	4.49	4.94	4.49	4.89	4.49	4.89
	64QAM	4.49	4.89	4.47	4.88	4.48	4.87
10	QPSK	/	/	8.98	9.67	/	/
	16QAM	/	/	8.97	9.53	/	/
	64QAM	/	/	8.96	9.65	/	/

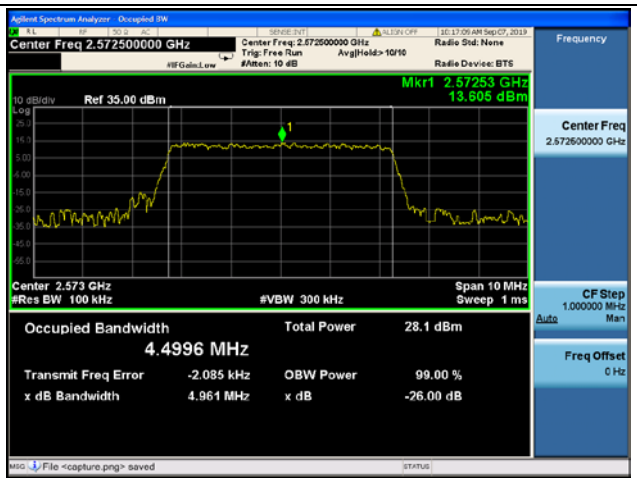
LTE Band 40(2350-2360MHz)							
BW (MHz)	Modulation	Low CH		Mid CH		High CH	
		OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)
5	QPSK	4.49	4.95	4.49	4.90	4.49	4.89
	16QAM	4.49	4.92	4.48	4.89	4.49	4.91
	64QAM	4.48	4.88	4.48	4.87	4.47	4.89
10	QPSK	/	/	8.96	9.69	/	/
	16QAM	/	/	8.96	9.65	/	/

	64QAM	/	/	8.92	9.63	/	/

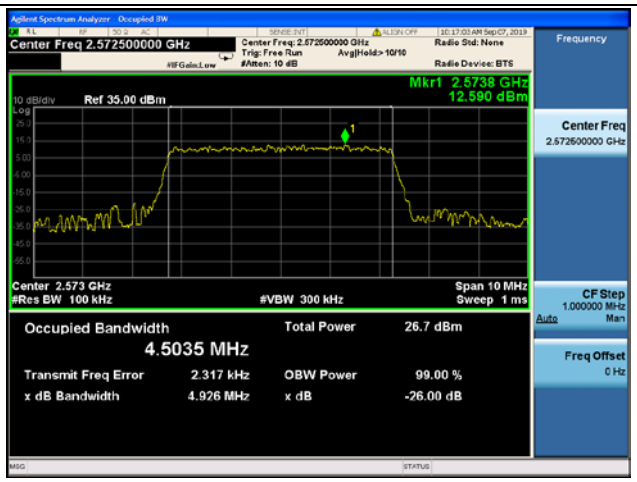
LTE Band 41							
BW (MHz)	Modulation	Low CH		Mid CH		High CH	
		OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)	OBW (MHz)	26dB BW (MHz)
5	QPSK	4.46	4.70	4.50	4.95	4.47	4.86
	16QAM	4.46	4.63	4.50	4.93	4.47	4.83
	64QAM	4.45	4.64	4.50	4.87	4.46	4.82
10	QPSK	8.92	9.56	8.93	9.54	8.94	9.50
	16QAM	8.93	9.47	8.93	9.48	8.91	9.53
	64QAM	8.93	9.59	8.96	9.91	8.92	9.52
15	QPSK	13.36	14.12	13.38	14.32	13.40	14.25
	16QAM	13.36	14.24	13.38	14.16	13.39	14.36
	64QAM	13.39	14.25	13.35	14.36	13.41	14.38
20	QPSK	17.85	19.05	17.85	19.08	17.86	18.96
	16QAM	17.80	19.10	17.82	18.81	17.80	18.76
	64QAM	17.82	18.95	17.84	18.84	17.82	18.93

LTE Band 38 99% & 26dB Bandwidth

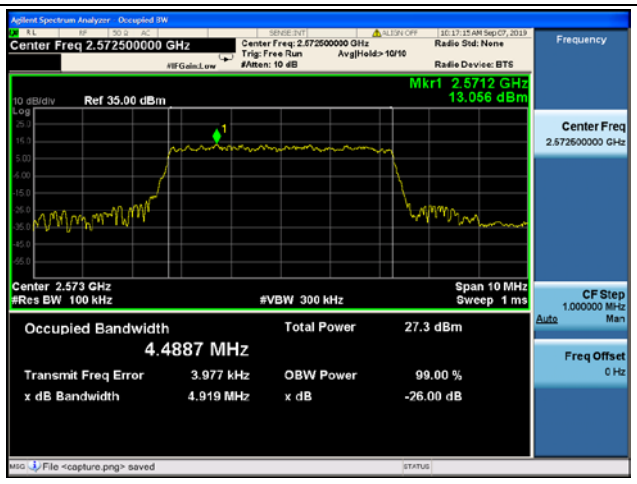
5MHz/QPSK / LCH



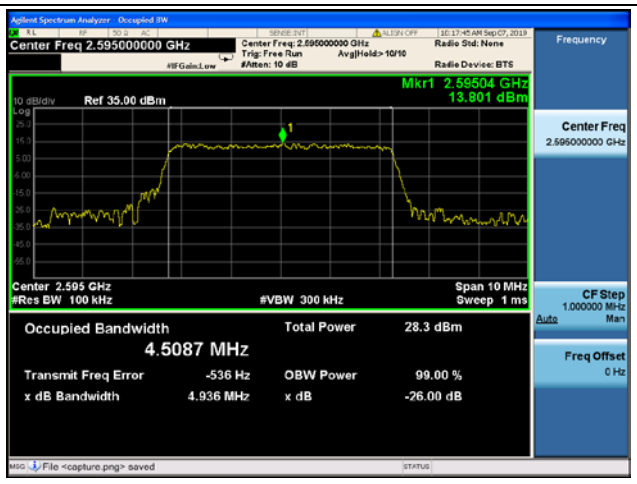
5MHz/16QAM / LCH



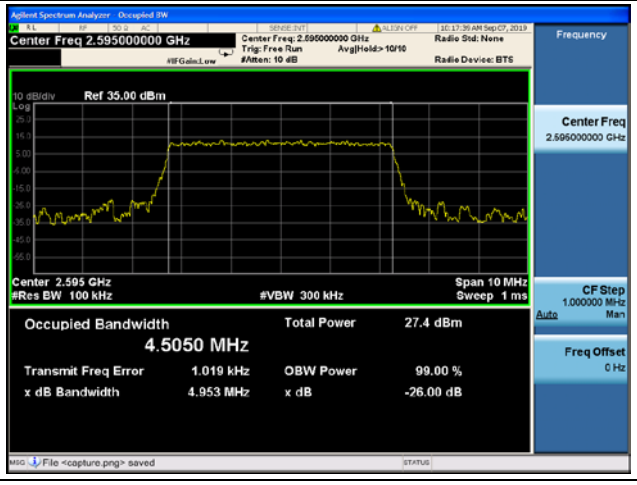
5MHz/ 64QAM / LCH



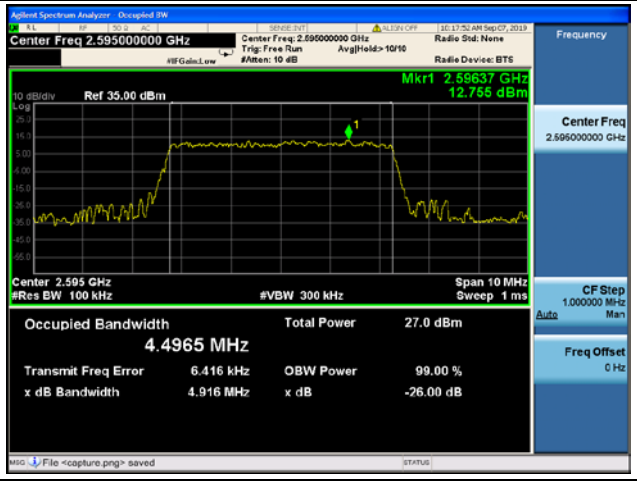
5MHz/QPSK / MCH

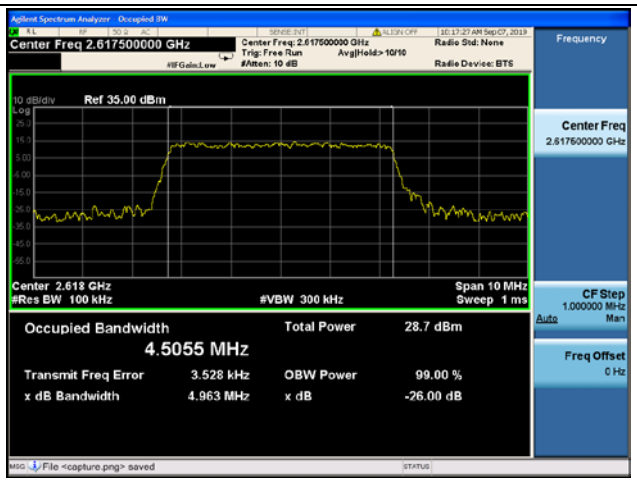
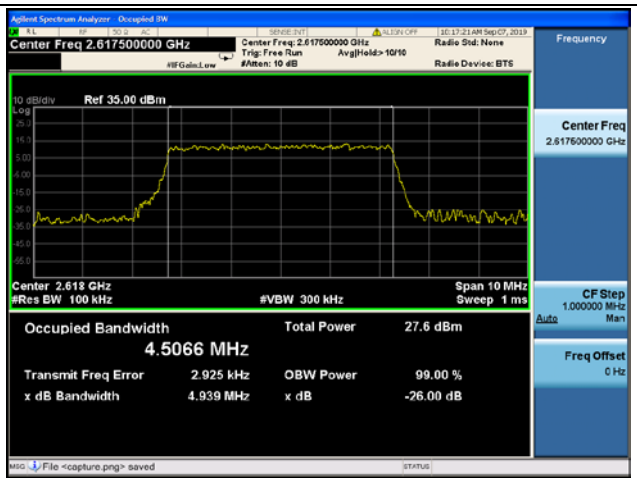
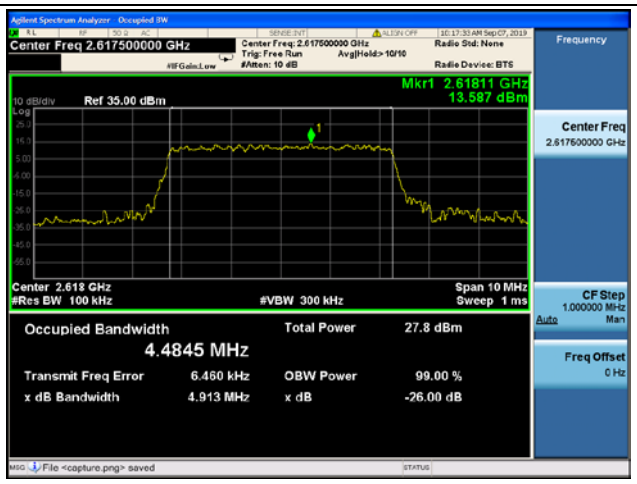


5MHz/ 16QAM / MCH



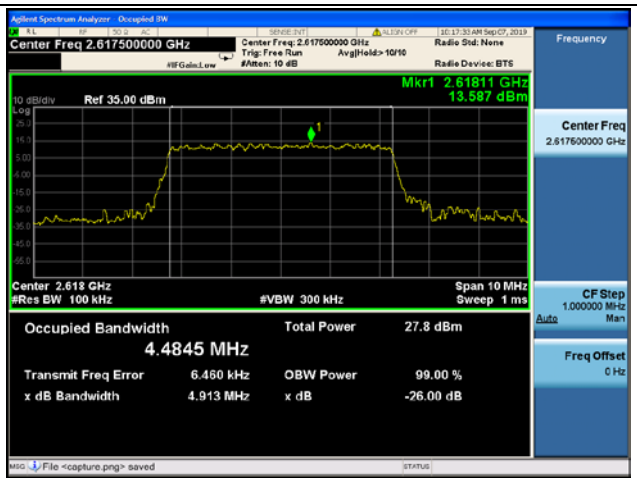
5MHz/ 64QAM / MCH



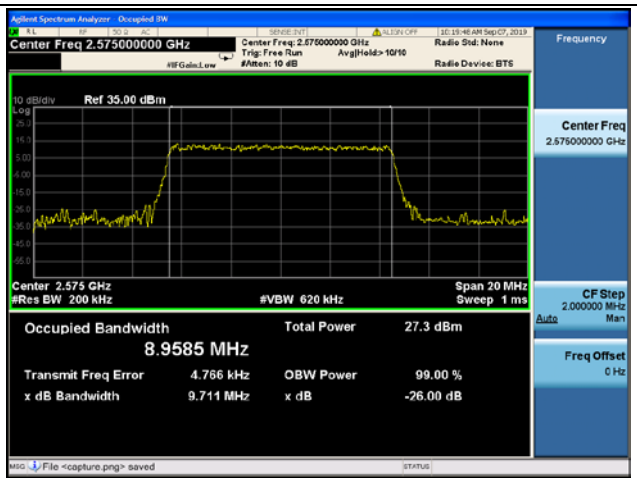
5MHz/ QPSK / HCH	5MHz/ 16QAM / HCH
	
5MHz/ 64QAM / HCH	
	

LTE Band 38 99% & 26dB Bandwidth

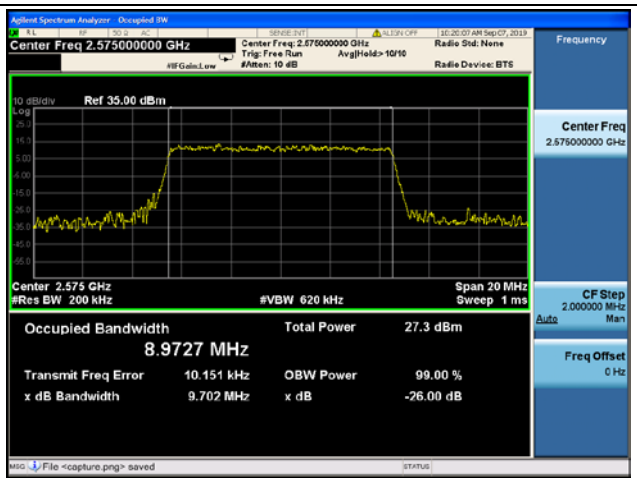
10MHz/QPSK / LCH



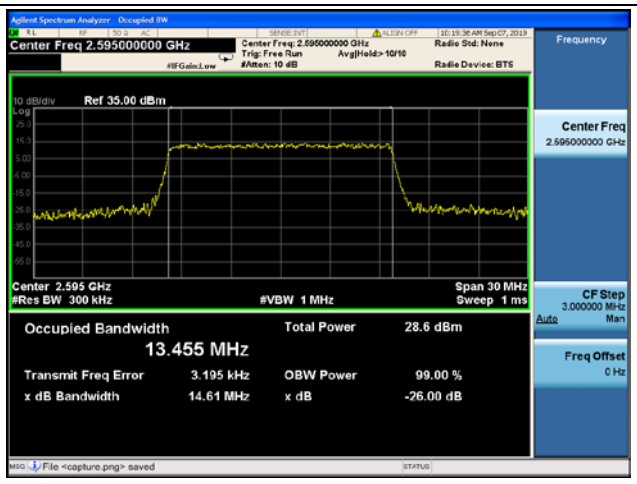
10MHz/16QAM / LCH



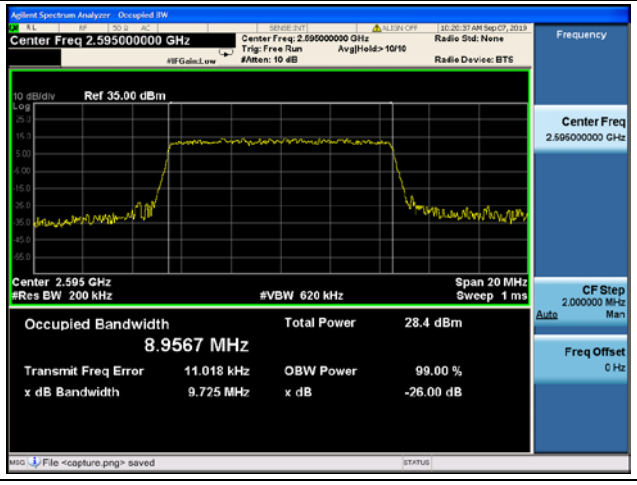
10MHz/ 64QAM / LCH



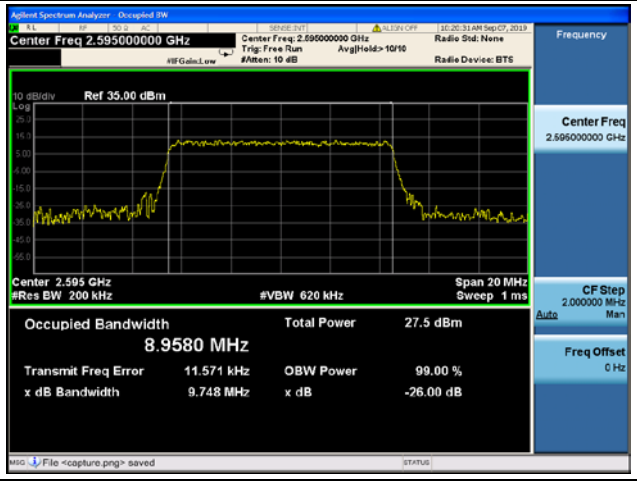
10MHz/QPSK / MCH

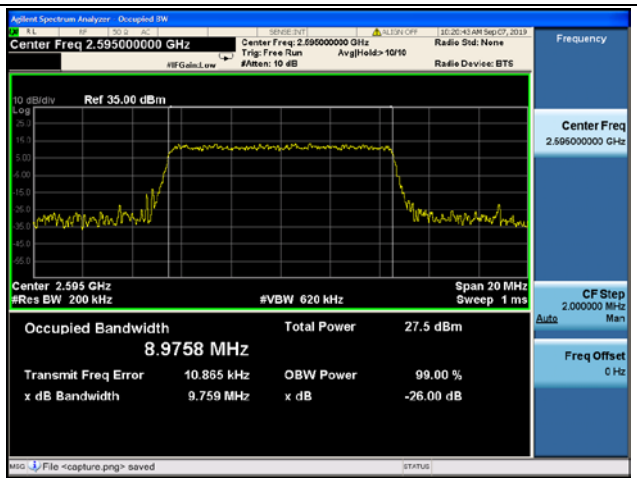
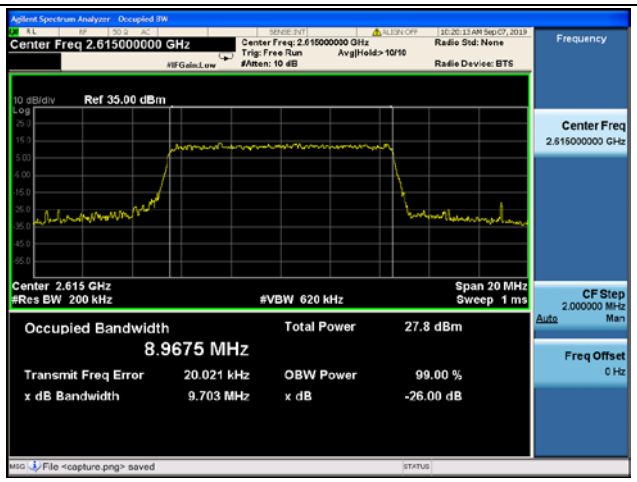
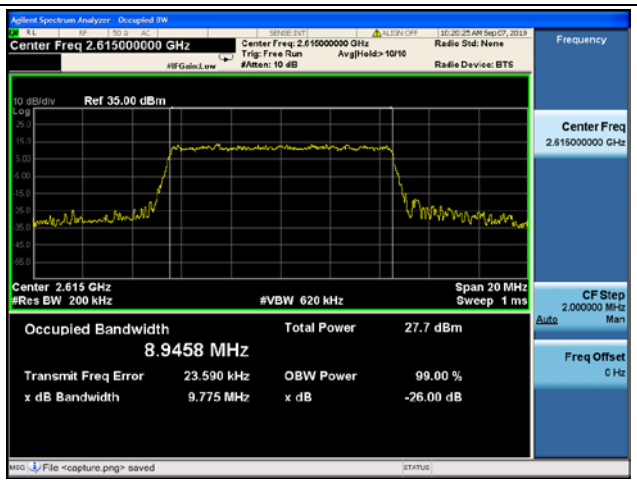


10MHz/ 16QAM / MCH



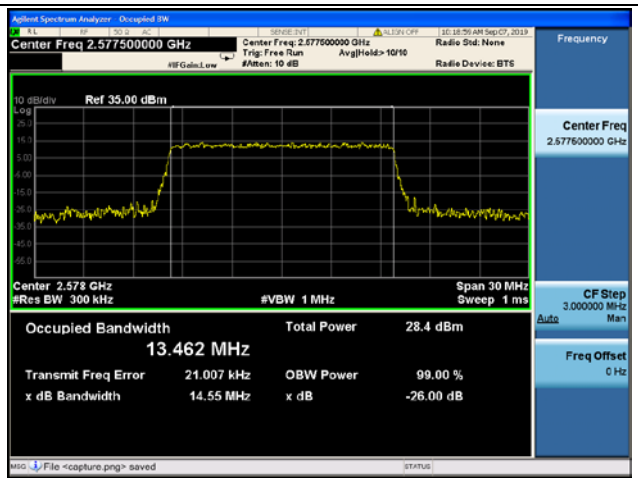
10MHz/ 64QAM / MCH



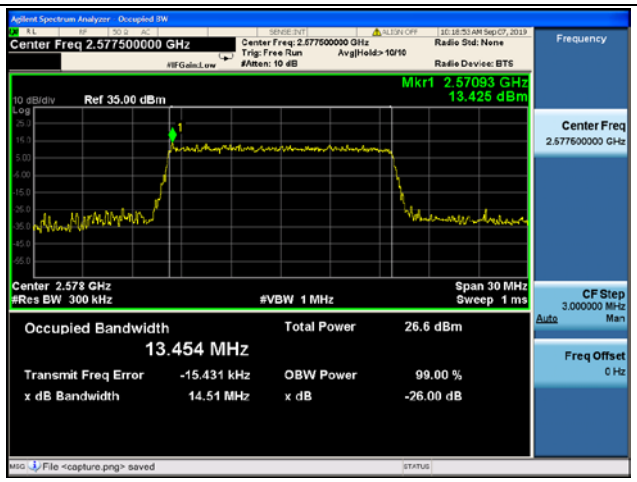
10MHz/ QPSK / HCH	10MHz/ 16QAM / HCH
	
10MHz/ 64QAM / HCH	
	

LTE Band 38 99% & 26dB Bandwidth

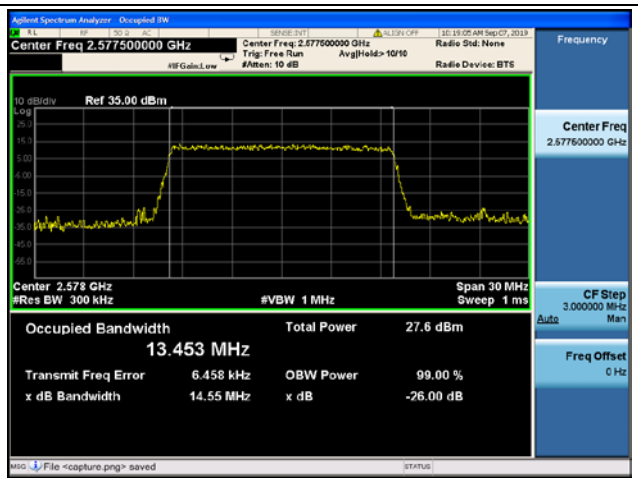
15MHz/QPSK / LCH



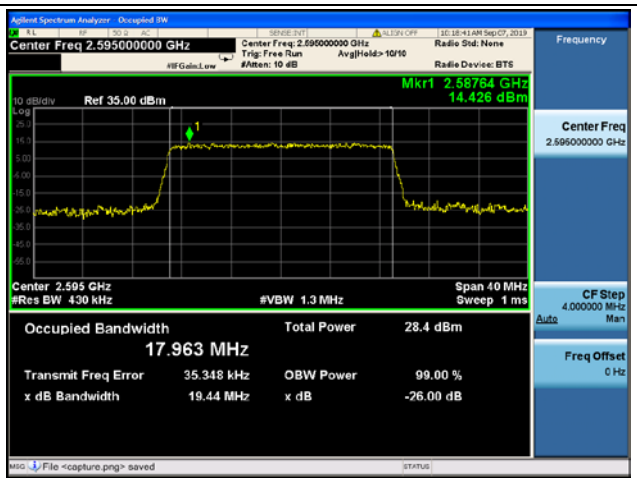
15MHz/16QAM / LCH



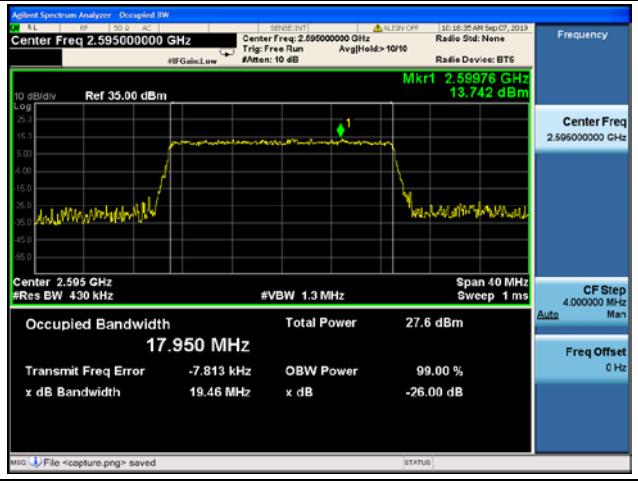
15MHz/ 64QAM / LCH



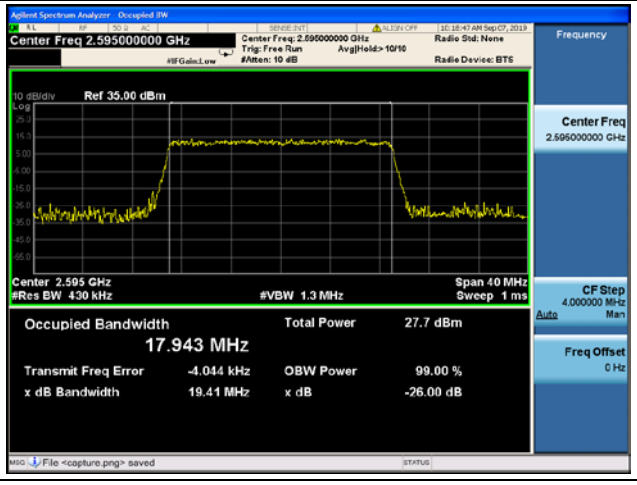
15MHz/QPSK / MCH

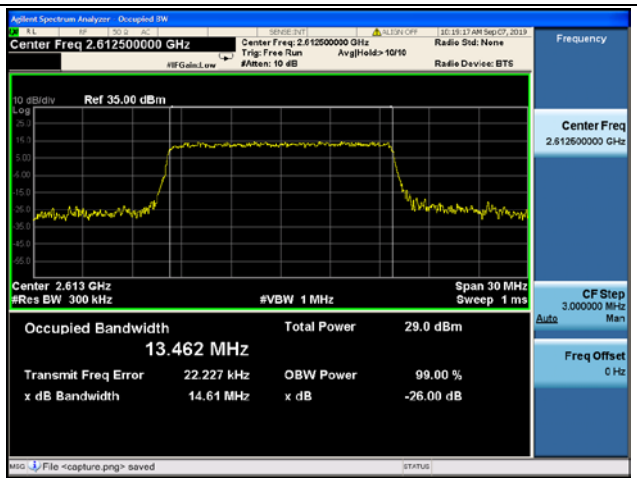
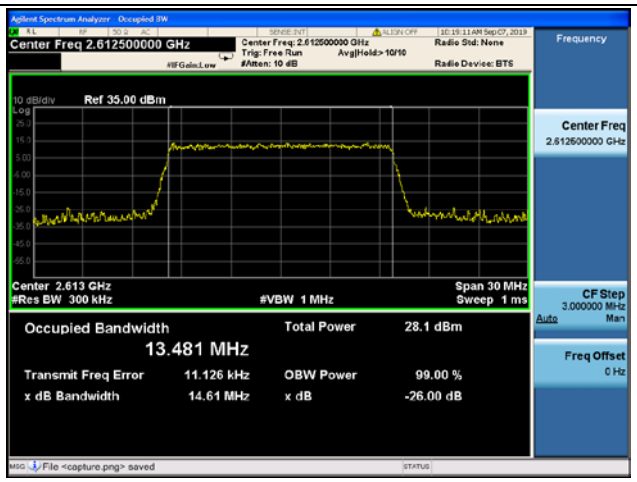
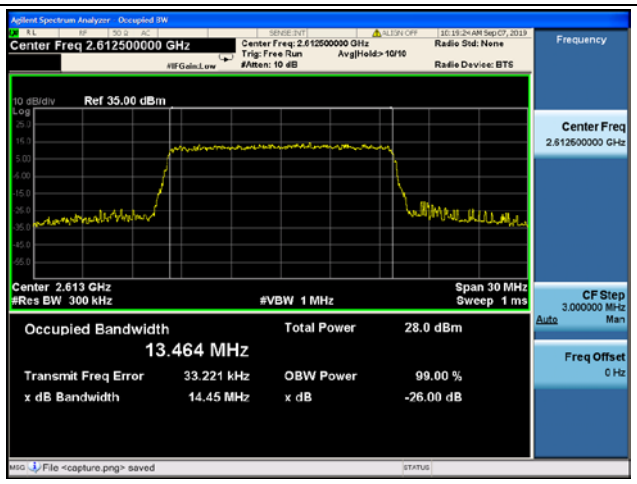


15MHz/ 16QAM / MCH



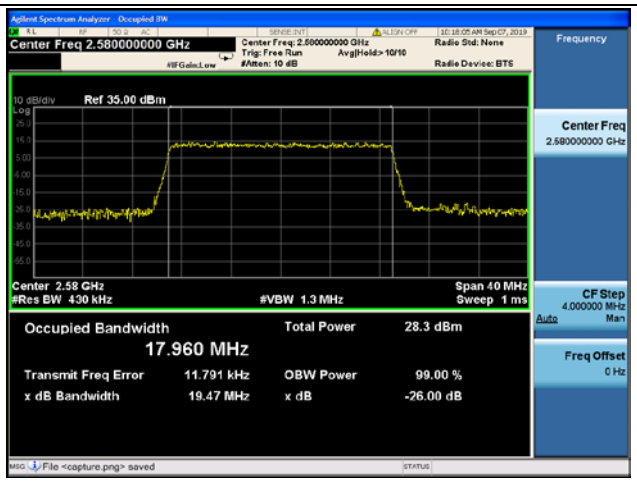
15MHz/ 64QAM / MCH



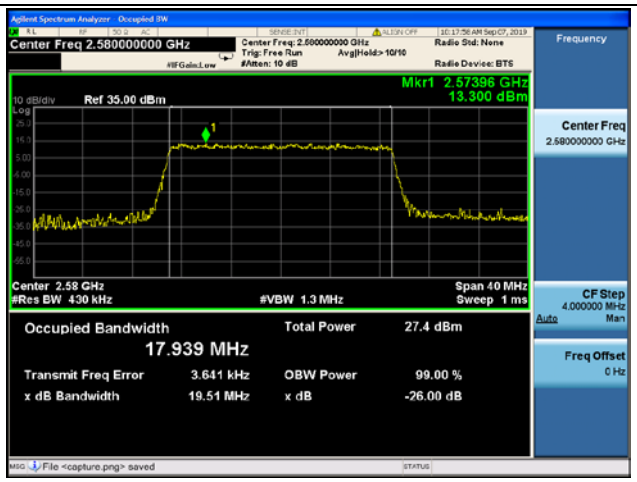
15MHz/ QPSK / HCH	15MHz/ 16QAM / HCH
	
15MHz/ 64QAM / HCH	
	

LTE Band 38 99% & 26dB Bandwidth

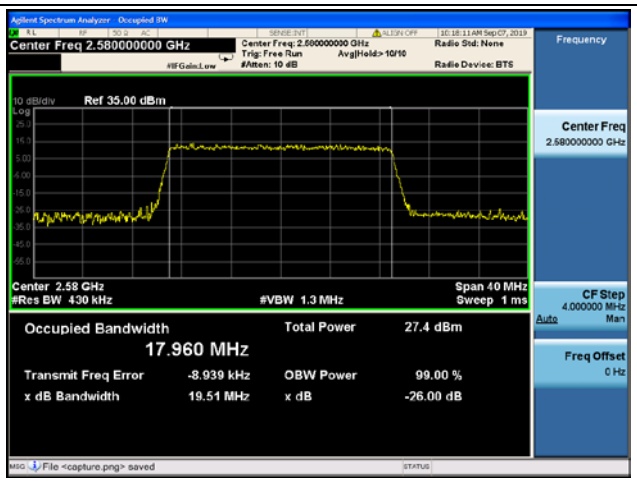
20MHz/QPSK / LCH



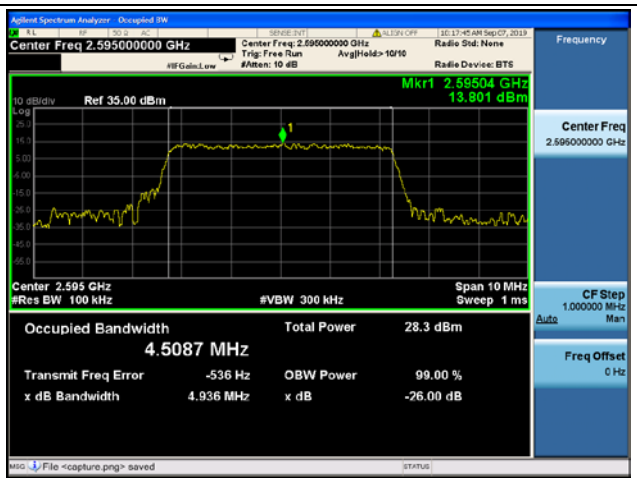
20MHz/16QAM / LCH



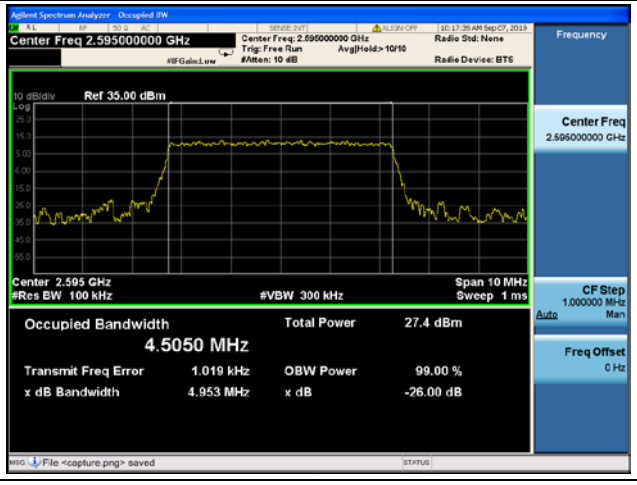
20MHz/ 64QAM / LCH



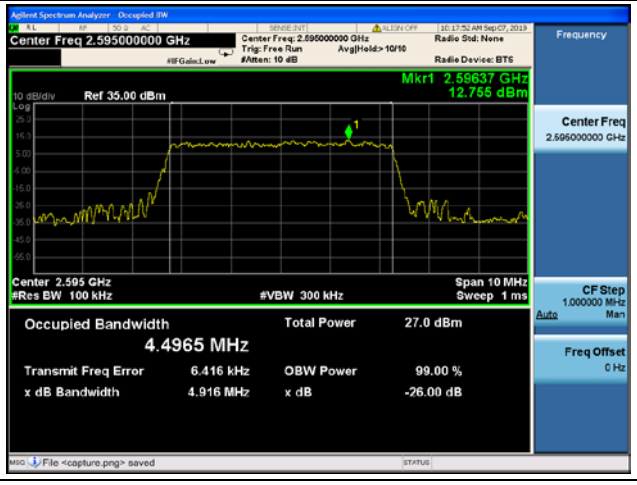
20MHz/QPSK / MCH

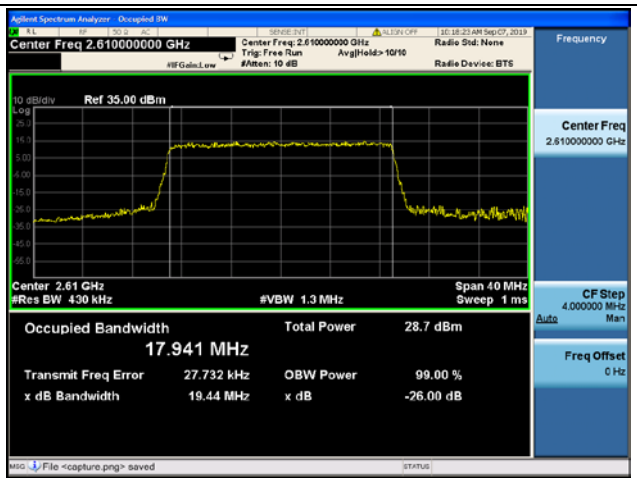
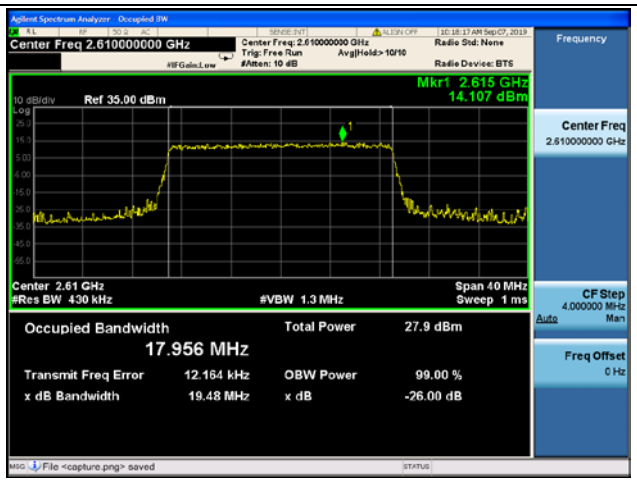
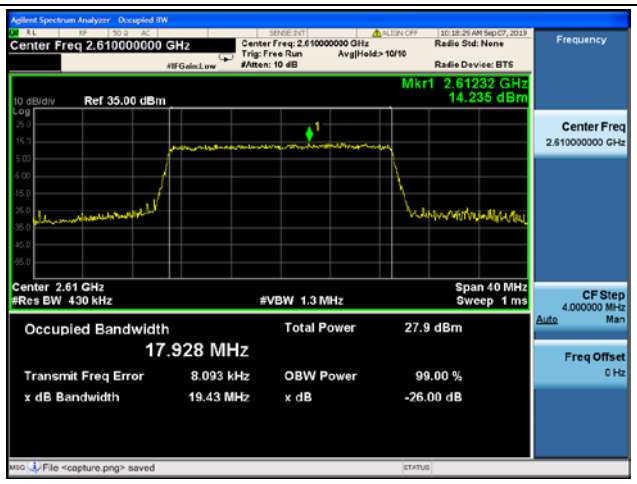


20MHz/ 16QAM / MCH



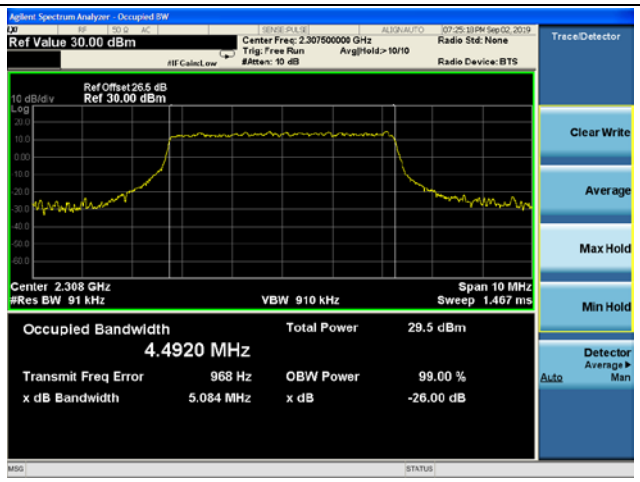
20MHz/ 64QAM / MCH



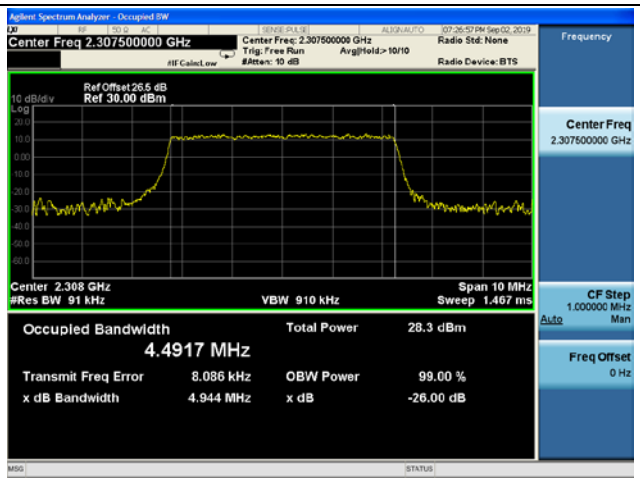
20MHz/ QPSK / HCH	20MHz/ 16QAM / HCH
	
20MHz/ 64QAM / HCH	
	

LTE Band 40(2305-2315MHz) 99% & 26dB Bandwidth

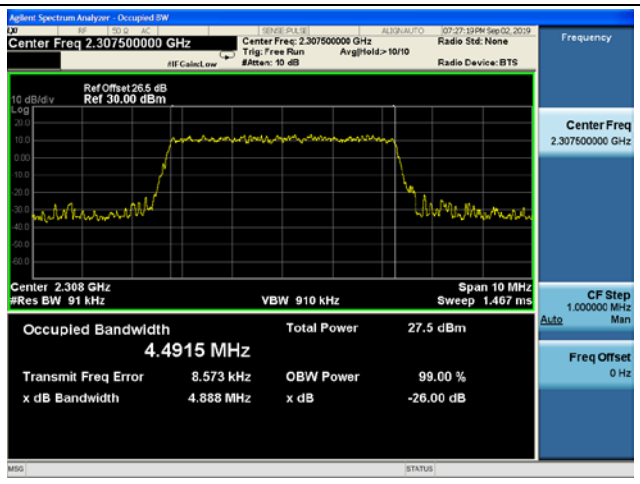
5MHz/QPSK / LCH



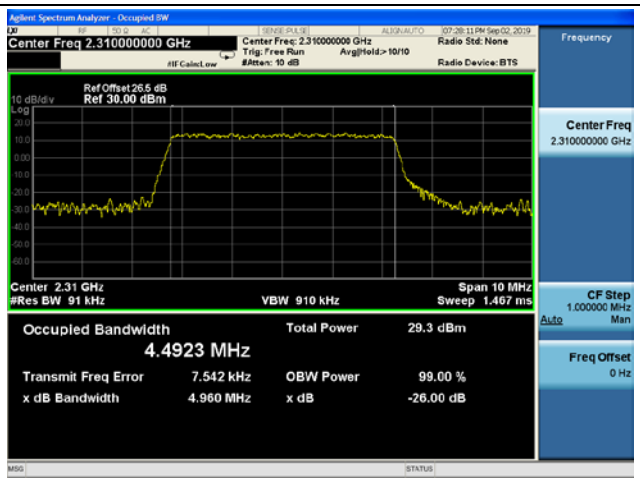
5MHz/16QAM / LCH



5MHz/ 64QAM / LCH

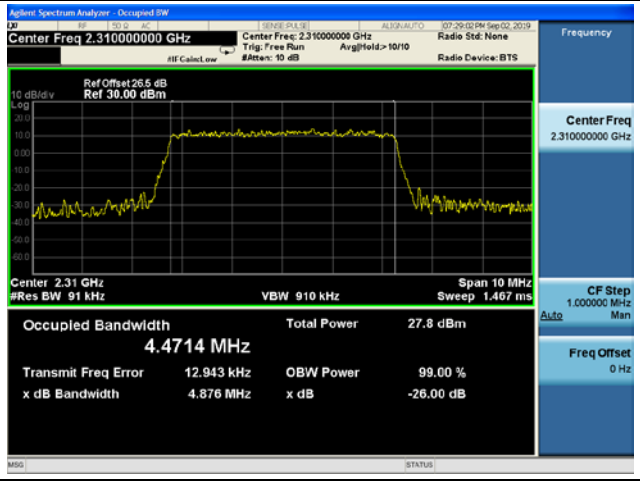


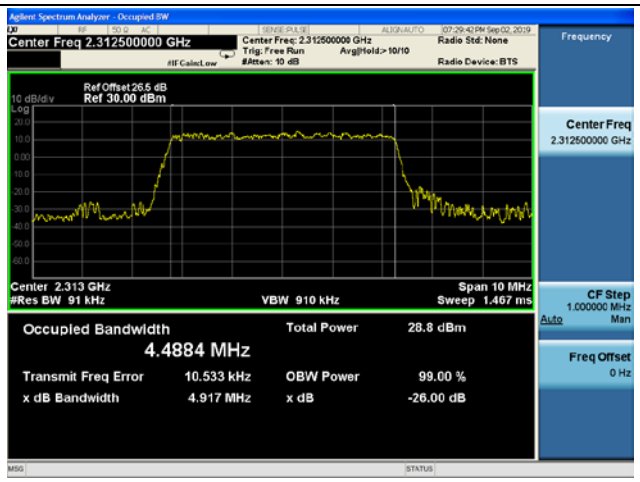
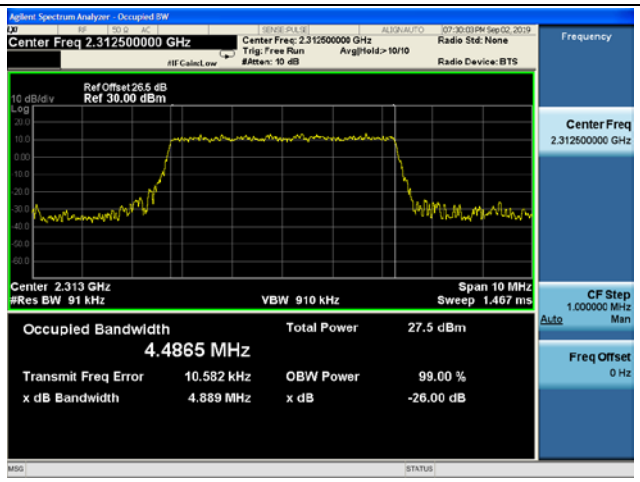
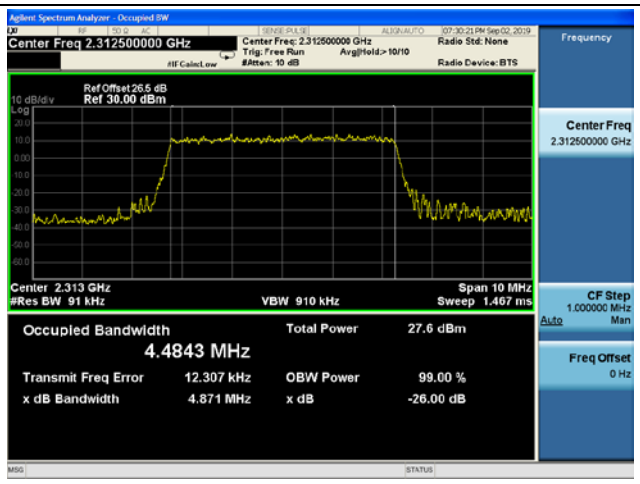
5MHz/QPSK / MCH

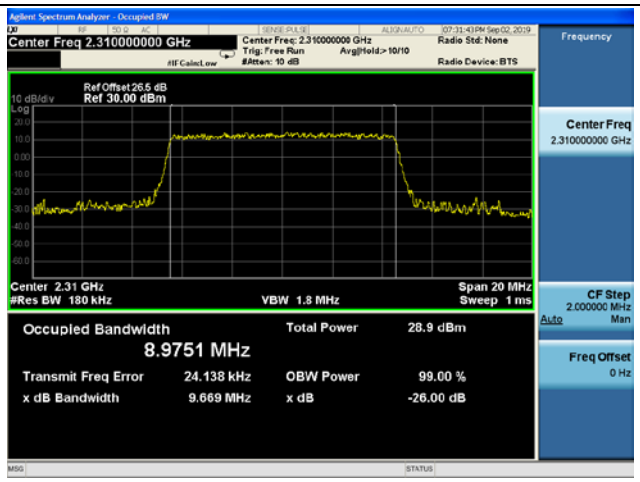
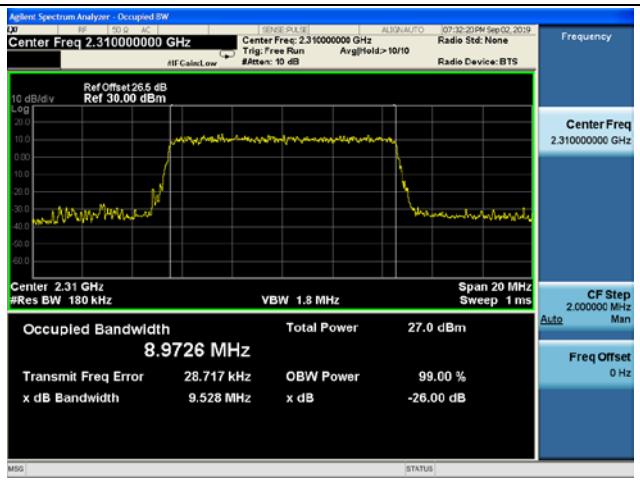


5MHz/ 16QAM / MCH

5MHz/ 64QAM / MCH



5MHz/ QPSK / HCH	5MHz/ 16QAM / HCH
	
5MHz/ 64QAM / HCH	
	

LTE Band 40(2305-2315MHz) 99% & 26dB Bandwidth	
10MHz/QPSK / MCH	**10MHz/ 16QAM / MCH**
	
10MHz/ 64QAM / MCH