

FCC

RF Test Report

Applicant : Netgear Incorporated
Address : 350 East Plumeria Drive, San Jose, California, United States
95134
Product Type : AirCard 815S Mobile Hotspot
Trade Name : NETGEAR
Model Number : AC815S
Application Purpose : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27L
ANSI/TIA-603-D 2010
Application Purpose : Original
Receive Date : Sep. 22, 2015
Test Period : Oct. 15 ~ Dec. 04, 2015
Issue Date : Dec. 10, 2015

Issue by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	Dec. 10, 2015	Initial Issue	

Verification of Compliance

Issued Date: 12/10/2015

Applicant : Netgear Incorporated
Address : 350 East Plumeria Drive, San Jose, California, United States
95134
Product Type : AirCard 815S Mobile Hotspot
Trade Name : NETGEAR
Model Number : AC815S
FCC ID : PY3AC815S
EUT Rated Voltage : DC 5V, 1A
Test Voltage : 120 Vac / 60 Hz, DC 3.50V / 3.80V / 4.35V
Applicable Standard : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27L
ANSI/TIA-603-D 2010
Test Result : Complied
Application Purpose : Original
Performing Lab. : A Test Lab Techno Corp.

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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By
(Manager)

: Fly Lu
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Reviewed By

(Testing Engineer)

: Eric Ou Yang
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1 General Information

1.1. EUT Description

Applicant	Netgear Incorporated 350 East Plumeria Drive, San Jose, California, United States 95134			
Manufacturer	Netgear Inc. Suite 168 – 10760 Shellbridge Way, Richmond, BC Canada V6X 3H1			
Product Type	AirCard 815S Mobile Hotspot			
Trade Name	NETGEAR			
Model Number	AC815S			
Hardware Version	DV3.2			
Software Version	NTG9X40C_11.06.04.00			
FCC ID	PY3AC815S			
IMEI No.	014475000001006			
Mode	LTE Band	UL Frequency (MHz)	DL Frequency (MHz)	Modulation
	2	1850.7 ~ 1909.3	1930.7 ~ 1989.3	QPSK, 16QAM
	* support CA, CA 2-5 / CA 2-12 / CA 2-29. / CA 2-30.			
	4	1710.7 ~ 1754.3	2110.7 ~ 2154.3	QPSK, 16QAM
	* support CA, CA 4-5 / CA 4-12 / CA 4-29. / CA 4-30			
	5	824.7 ~ 848.3	869.7 ~ 893.3	QPSK, 16QAM
	7	2500 ~ 2570	2620 ~ 2690	QPSK, 16QAM
	12	699 ~ 716	729 ~ 746	QPSK, 16QAM
	* support CA, CA 12-30.			
30	2305 ~ 2315	2350 ~ 2360	QPSK, 16QAM	
Channel Bandwidth	LTE Band 2	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz		
	LTE Band 4	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz		
	LTE Band 5	1.4M, 3M, 5MHz, 10MHz		
	LTE Band 7	5MHz, 10MHz, 15MHz, 20MHz		
	LTE Band 12	1.4M, 3M, 5MHz, 10MHz		
	LTE Band 30	5MHz, 10MHz		
Antenna Gain	LTE Band 2	1.58 dBi		
	LTE Band 4	1.73 dBi		
	LTE Band 5	1.30 dBi		
	LTE Band 7	2.29 dBi		
	LTE Band 12	-0.89 dBi		
	LTE Band 30	1.90 dBi		

QPSK			
Operate Band	Max. Conducted Output Power (W)	Max. E.R.P. / E.I.R.P. (W)	Emission Designator
LTE Band 2 (Channel Bandwidth 1.4MHz)	0.159	0.142	1M07G7D
LTE Band 2 (Channel Bandwidth 3MHz)	0.156	0.146	2M68G7D
LTE Band 2 (Channel Bandwidth 5MHz)	0.161	0.142	4M47G7D
LTE Band 2 (Channel Bandwidth 10MHz)	0.167	0.147	8M95G7D
LTE Band 2 (Channel Bandwidth 15MHz)	0.159	0.147	13M4G7D
LTE Band 2 (Channel Bandwidth 20MHz)	0.163	0.142	17M9G7D
LTE Band 4 (Channel Bandwidth 1.4MHz)	0.170	0.148	1M07G7D
LTE Band 4 (Channel Bandwidth 3MHz)	0.166	0.139	2M68G7D
LTE Band 4 (Channel Bandwidth 5MHz)	0.168	0.143	4M47G7D
LTE Band 4 (Channel Bandwidth 10MHz)	0.166	0.146	9M96G7D
LTE Band 4 (Channel Bandwidth 15MHz)	0.153	0.138	13M4G7D
LTE Band 4 (Channel Bandwidth 20MHz)	0.162	0.146	17M9G7D
LTE Band 5 (Channel Bandwidth 1.4MHz)	0.229	0.145	1M07G7D
LTE Band 5 (Channel Bandwidth 3MHz)	0.227	0.151	2M68G7D
LTE Band 5 (Channel Bandwidth 5MHz)	0.225	0.157	4M46G7D
LTE Band 5 (Channel Bandwidth 10MHz)	0.221	0.149	8M94G7D
LTE Band 7 (Channel Bandwidth 5MHz)	0.162	0.143	4M48G7D
LTE Band 7 (Channel Bandwidth 10MHz)	0.171	0.141	8M95G7D
LTE Band 7 (Channel Bandwidth 15MHz)	0.165	0.139	13M4G7D
LTE Band 7 (Channel Bandwidth 20MHz)	0.175	0.143	17M8G7D
LTE Band 12 (Channel Bandwidth 1.4MHz)	0.269	0.153	1M07G7D
LTE Band 12 (Channel Bandwidth 3MHz)	0.273	0.156	2M69G7D
LTE Band 12 (Channel Bandwidth 5MHz)	0.270	0.149	4M48G7D
LTE Band 12 (Channel Bandwidth 10MHz)	0.274	0.143	8M99G7D
LTE Band 30 (Channel Bandwidth 5MHz)	0.240	0.027	4M47G7D
LTE Band 30 (Channel Bandwidth 10MHz)	0.245	0.026	8M99G7D

16QAM			
Operate Band	Max. Conducted Output Power (W)	Max. E.R.P. / E.I.R.P. (W)	Emission Designator
LTE Band 2 (Channel Bandwidth 1.4MHz)	0.150	0.108	1M07W7D
LTE Band 2 (Channel Bandwidth 3MHz)	0.133	0.111	2M68W7D
LTE Band 2 (Channel Bandwidth 5MHz)	0.154	0.109	4M47W7D
LTE Band 2 (Channel Bandwidth 10MHz)	0.144	0.104	8M95W7D
LTE Band 2 (Channel Bandwidth 15MHz)	0.136	0.106	13M4W7D
LTE Band 2 (Channel Bandwidth 20MHz)	0.138	0.108	17M9W7D
LTE Band 4 (Channel Bandwidth 1.4MHz)	0.151	0.107	1M07W7D
LTE Band 4 (Channel Bandwidth 3MHz)	0.140	0.107	2M68W7D
LTE Band 4 (Channel Bandwidth 5MHz)	0.142	0.103	4M47W7D
LTE Band 4 (Channel Bandwidth 10MHz)	0.142	0.106	8M96W7D
LTE Band 4 (Channel Bandwidth 15MHz)	0.138	0.109	13M4W7D
LTE Band 4 (Channel Bandwidth 20MHz)	0.137	0.105	17M9W7D
LTE Band 5 (Channel Bandwidth 1.4MHz)	0.196	0.101	1M07W7D
LTE Band 5 (Channel Bandwidth 3MHz)	0.195	0.114	2M68W7D
LTE Band 5 (Channel Bandwidth 5MHz)	0.193	0.121	4M46W7D
LTE Band 5 (Channel Bandwidth 10MHz)	0.191	0.118	8M95W7D
LTE Band 7 (Channel Bandwidth 5MHz)	0.136	0.109	4M48W7D
LTE Band 7 (Channel Bandwidth 10MHz)	0.143	0.108	8M95W7D
LTE Band 7 (Channel Bandwidth 15MHz)	0.140	0.112	13M4W7D
LTE Band 7 (Channel Bandwidth 20MHz)	0.149	0.111	17M8W7D
LTE Band 12 (Channel Bandwidth 1.4MHz)	0.235	0.116	1M07W7D
LTE Band 12 (Channel Bandwidth 3MHz)	0.233	0.115	2M69W7D
LTE Band 12 (Channel Bandwidth 5MHz)	0.245	0.107	4M47W7D
LTE Band 12 (Channel Bandwidth 10MHz)	0.246	0.105	8M98W7D
LTE Band 30 (Channel Bandwidth 5MHz)	0.207	0.022	4M48W7D
LTE Band 30 (Channel Bandwidth 10MHz)	0.214	0.023	8M95W7D

1.2. Mode of Operation

Three channels had been tested for each channel bandwidth.

LTE Band 2						
Channel Bandwidth	1.4MHz		3MHz		5MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	18607	1850.7	18615	1851.5	18625	1852.5
Middle CH	18900	1880.0	18900	1880.0	18900	1880.0
High CH	19193	1909.3	19185	1908.5	19175	1907.5
Channel Bandwidth	10MHz		15MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	18650	1855.0	18675	1857.5	18700	1860.0
Middle CH	18900	1880.0	18900	1880.0	18900	1880.0
High CH	19150	1905.0	19125	1902.5	19100	1900.0

LTE Band 4						
Channel Bandwidth	1.4MHz		3MHz		5MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	19957	1710.7	19965	1711.5	19975	1712.5
Middle CH	20175	1732.5	20175	1732.5	20175	1732.5
High CH	20393	1754.3	20385	1753.5	20375	1752.5
Channel Bandwidth	10MHz		15MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20000	1715.0	20025	1717.5	20050	1720.0
Middle CH	20175	1732.5	20175	1732.5	20175	1732.5
High CH	20350	1750.0	20325	1747.5	20300	1745.0

LTE Band 5				
Channel Bandwidth	1.4MHz		3MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20407	824.7	20415	825.5
Middle CH	20525	836.5	20525	836.5
High CH	20643	848.3	20635	847.5
Channel Bandwidth	5MHz		10MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20425	826.5	20450	829.0
Middle CH	20525	836.5	20525	836.5
High CH	20625	846.5	20600	844.0

LTE Band 7				
Channel Bandwidth	5MHz		10MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20775	2502.5	20800	2505.0
Middle CH	21100	2535.0	21100	2535.0
High CH	21425	2567.5	21400	2565.0
Channel Bandwidth	15MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20825	2507.5	20850	2510.0
Middle CH	21100	2535.0	21100	2535.0
High CH	21375	2562.5	21350	2560.0

LTE Band 12				
Channel Bandwidth	1.4MHz		3MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	23017	699.7	23025	700.5
Middle CH	23095	707.5	23095	707.5
High CH	23173	715.3	23165	714.5
Channel Bandwidth	5MHz		10MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	23035	701.5	23060	704.0
Middle CH	23095	707.5	23095	707.5
High CH	23155	713.5	23130	711.0

LTE Band 30				
Channel Bandwidth	5MHz		10MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	27685	2307.5	---	---
Middle CH	27710	2310.0	27710	2310.0
High CH	27735	2312.5	---	---

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Frequency range investigated for radiated emission: 30MHz to 19000 MHz.

Band	Channel Bandwidth	Test Modes	
LTE Band 2	1.4 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 38, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 38, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 38, RB Offset 37) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 4	1.4 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 38, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 38, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 38, RB Offset 37) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 5	1.4 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 7	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 12	1.4 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK

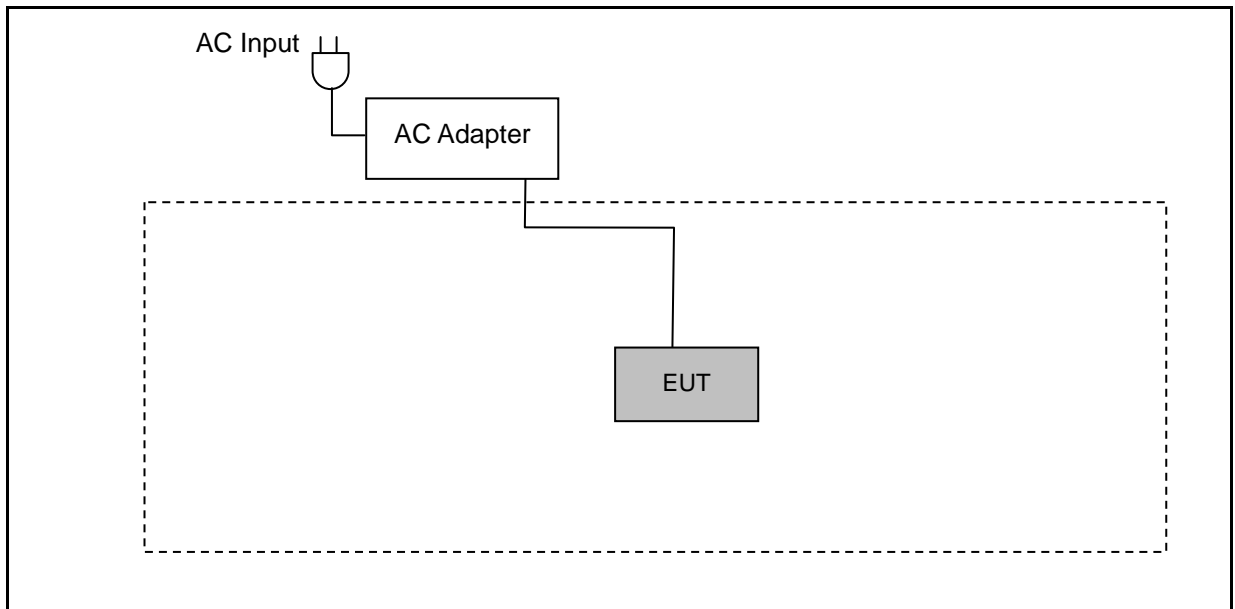
Band	Channel Bandwidth	Test Modes	
LTE Band 30	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK

1.3. EUT Exercise Software

1	Setup the EUT and Base Station (CMW500) as shown on 1.4.
2	Turn on the power of all equipment.
3	EUT run test program test.

Measurement Software	
1	EZ-EMC Ver. ATL-03A1-1
2	LTE Test System V2.5.7.0

1.4. Configuration of Test System Details



1.5. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	950

1.6. Summary of Test Result

FCC Rule	Description	Result
§2.1046	Conducted Output Average Power	Pass
§22.913 §24.232 §27.50	Equivalent Isotropic Radiated Power / Equivalent Radiated Power	Pass
§2.1055 §22.355 §24.235 §27.54	Frequency Stability	Pass
§2.1049	Emission Bandwidth & Occupied Bandwidth	Pass
§24.232 §27.50	Peak to average ratio	Pass
§22.917 §24.238 §27.53	Band Edge	Pass
§2.1051 §22.917 §24.238 §27.53	Conducted Spurious Emissions	Pass
§2.1053 §22.917 §24.238 §27.53	Radiated Spurious Emissions	Pass

2 Conducted Output Average Power Test

2.1. Limit

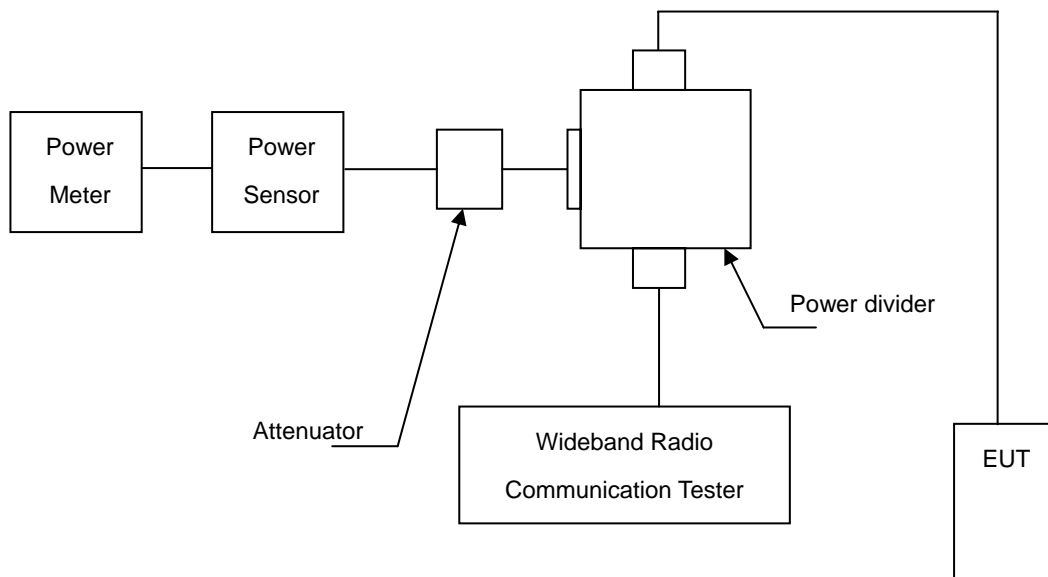
N/A

2.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Period
Wideband Radio Communication Tester	R & S	CMW500	103168	10/30/2015	1 year
Wideband Power Sensor	Agilent	N1921A	MY45241957	12/15/2014	1 year
Single Channel PK Power Meter	Agilent	N1911A	MY45101619	12/15/2014	1 year
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

2.3. Test Setup



2.4. Test Procedure

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

2.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

2.6. Test Result

Model Number	AC815S
Test Item	Conducted Output Average Power
Date of Test	10/15/2015, 12/03/2015

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 2	1.4 MHz	QPSK	18607	1850.7	1	0	22.02	0.159	
					1	2	21.98	0.158	
					1	5	21.87	0.154	
					3	0	21.87	0.154	
					3	1	21.68	0.147	
					3	3	21.65	0.146	
			6	0	20.78	0.120			
			1	0	22.01	0.159			
			1	2	22.00	0.158			
			1	5	21.91	0.155			
			3	0	21.88	0.154			
			3	1	21.87	0.154			
			3	3	21.79	0.151			
			6	0	20.76	0.119			
			1	0	21.88	0.154			
			1	2	21.81	0.152			
			1	5	21.81	0.152			
			3	0	21.76	0.150			
			3	1	21.71	0.148			
			3	3	21.50	0.141			
			6	0	20.70	0.117			
			1	0	21.72	0.149			
			1	2	21.69	0.148			
			1	5	21.68	0.147			
		3	0	21.05	0.127				
		3	1	20.98	0.125				
		3	3	20.88	0.122				
		6	0	20.70	0.117				
		1	0	21.24	0.133				
		1	2	21.22	0.132				
		1	5	21.18	0.131				
		3	0	20.95	0.124				
		3	1	20.93	0.124				
		3	3	20.79	0.120				
		6	0	20.19	0.104				
		1	0	21.76	0.150				
		1	2	21.70	0.148				
		1	5	21.69	0.148				
		3	0	20.88	0.122				
		3	1	20.84	0.121				
		3	3	20.73	0.118				
		6	0	20.70	0.117				
		16QAM	18607	1850.7	1850.7	1	0	21.72	0.149
						1	2	21.69	0.148
						1	5	21.68	0.147
						3	0	21.05	0.127
						3	1	20.98	0.125
						3	3	20.88	0.122
6	0		20.70	0.117					
1	0		21.24	0.133					
1	2		21.22	0.132					
1	5		21.18	0.131					
3	0		20.95	0.124					
3	1		20.93	0.124					
3	3		20.79	0.120					
6	0		20.19	0.104					
1	0		21.76	0.150					
1	2		21.70	0.148					
1	5		21.69	0.148					
3	0		20.88	0.122					
3	1		20.84	0.121					
3	3		20.73	0.118					
6	0		20.70	0.117					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	3 MHz	QPSK	18615	1851.5	1	0	21.85	0.153
					1	8	21.81	0.152
					1	14	21.76	0.150
					8	0	20.88	0.122
					8	4	20.87	0.122
					8	7	20.86	0.122
			15	0	20.86	0.122		
			1	0	21.92	0.156		
			1	8	21.91	0.155		
			1	14	21.87	0.154		
			8	0	20.88	0.122		
			8	4	20.84	0.121		
			8	7	20.83	0.121		
			15	0	20.80	0.120		
			1	0	21.84	0.153		
			1	8	21.83	0.152		
			1	14	21.77	0.150		
			8	0	20.85	0.122		
		8	4	20.83	0.121			
		8	7	20.82	0.121			
		15	0	20.80	0.120			
		1	0	21.23	0.133			
		1	8	21.13	0.130			
		1	14	21.04	0.127			
		8	0	19.96	0.099			
		8	4	19.95	0.099			
		8	7	19.94	0.099			
		15	0	19.88	0.097			
		1	0	21.17	0.131			
		1	8	21.17	0.131			
		1	14	21.09	0.129			
		8	0	19.92	0.098			
		8	4	19.90	0.098			
		8	7	19.88	0.097			
		15	0	19.85	0.097			
		1	0	21.12	0.129			
		1	8	21.08	0.128			
		1	14	21.02	0.126			
		8	0	19.84	0.096			
		8	4	19.83	0.096			
		8	7	19.83	0.096			
		15	0	19.80	0.095			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 2	5 MHz	QPSK	18625	1852.5	1	0	21.94	0.156	
					1	12	21.90	0.155	
					1	24	21.84	0.153	
					12	0	20.93	0.124	
					12	6	20.92	0.124	
					12	13	20.92	0.124	
					25	0	20.89	0.123	
			18900	1880.0	1	0	22.08	0.161	
					1	12	21.89	0.155	
					1	24	21.82	0.152	
					12	0	20.93	0.124	
					12	6	20.86	0.122	
					12	13	20.86	0.122	
					25	0	20.80	0.120	
			19175	1907.5	1	0	21.94	0.156	
					1	12	21.84	0.153	
					1	24	21.74	0.149	
					12	0	20.80	0.120	
					12	6	20.79	0.120	
					12	13	20.79	0.120	
					25	0	20.75	0.119	
			16QAM	18625	1852.5	1	0	21.25	0.133
						1	12	21.17	0.131
						1	24	21.16	0.131
		12				0	19.96	0.099	
		12				6	19.95	0.099	
		12				13	19.95	0.099	
		25				0	19.94	0.099	
		18900		1880.0	1	0	21.29	0.135	
					1	12	21.09	0.129	
					1	24	21.05	0.127	
					12	0	19.95	0.099	
					12	6	19.91	0.098	
					12	13	19.87	0.097	
					25	0	19.84	0.096	
		19175		1907.5	1	0	21.87	0.154	
					1	12	21.09	0.129	
					1	24	21.00	0.126	
					12	0	19.81	0.096	
					12	6	19.81	0.096	
					12	11	19.80	0.095	
					25	0	19.74	0.094	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 5 (5M)	QPSK	18625	1852.5	1	0	21.56	0.143
					1	12	21.49	0.141
					1	24	21.52	0.142
					12	0	20.56	0.114
					12	6	20.48	0.112
					12	13	20.51	0.112
					25	0	20.46	0.111
			1	0	21.61	0.145		
			1	12	21.38	0.137		
			1	24	21.34	0.136		
			12	0	20.42	0.110		
			12	6	20.36	0.109		
			12	13	20.42	0.110		
			25	0	20.34	0.108		
			1	0	21.51	0.142		
			1	12	21.40	0.138		
			1	24	21.43	0.139		
			12	0	20.51	0.112		
			12	6	20.55	0.114		
			12	13	20.48	0.112		
			25	0	20.48	0.112		
			1	0	20.79	0.120		
			1	12	20.84	0.121		
			1	24	20.72	0.118		
		12	0	19.48	0.089			
		12	6	19.49	0.089			
		12	13	19.54	0.090			
		25	0	19.53	0.090			
		1	0	20.80	0.120			
		1	12	20.64	0.116			
		1	24	20.54	0.113			
		12	0	19.46	0.088			
		12	6	19.46	0.088			
		12	13	19.44	0.088			
		25	0	19.33	0.086			
		1	0	20.72	0.118			
		1	12	20.53	0.113			
		1	24	20.48	0.112			
		12	0	19.49	0.089			
		12	6	19.52	0.090			
		12	11	19.39	0.087			
		25	0	19.37	0.086			
		16QAM	18625	1852.5	1	0	20.79	0.120
					1	12	20.84	0.121
					1	24	20.72	0.118
			12	0	19.48	0.089		
			12	6	19.49	0.089		
			12	13	19.54	0.090		
25	0		19.53	0.090				
1	0		20.80	0.120				
1	12		20.64	0.116				
1	24		20.54	0.113				
12	0		19.46	0.088				
12	6		19.46	0.088				
12	13	19.44	0.088					
25	0	19.33	0.086					
1	0	20.72	0.118					
1	12	20.53	0.113					
1	24	20.48	0.112					
12	0	19.49	0.089					
12	6	19.52	0.090					
12	11	19.39	0.087					
25	0	19.37	0.086					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 5 (10M)	QPSK	18625	1852.5	1	0	21.55	0.143
					1	12	21.52	0.142
					1	24	21.52	0.142
					12	0	20.48	0.112
					12	6	20.46	0.111
					12	13	20.54	0.113
					25	0	20.50	0.112
					1	0	21.59	0.144
			1	12	21.41	0.138		
			1	24	21.33	0.136		
			12	0	20.43	0.110		
			12	6	20.40	0.110		
			12	13	20.37	0.109		
			25	0	20.36	0.109		
			1	0	21.49	0.141		
			1	12	21.40	0.138		
			1	24	21.33	0.136		
			12	0	20.52	0.113		
			12	6	20.50	0.112		
			12	13	20.47	0.111		
			25	0	20.46	0.111		
			1	0	20.85	0.122		
			1	12	20.76	0.119		
			1	24	20.72	0.118		
		12	0	19.56	0.090			
		12	6	19.53	0.090			
		12	13	19.55	0.090			
		25	0	19.55	0.090			
		1	0	20.80	0.120			
		1	12	20.59	0.115			
		1	24	20.57	0.114			
		12	0	19.49	0.089			
		12	6	19.38	0.087			
		12	13	19.35	0.086			
		25	0	19.33	0.086			
		1	0	20.75	0.119			
		1	12	20.56	0.114			
		1	24	20.52	0.113			
		12	0	19.50	0.089			
		12	6	19.46	0.088			
		12	11	19.41	0.087			
		25	0	19.42	0.087			
		16QAM	18625	1852.5	1	0	20.76	0.119
					1	12	20.72	0.118
					1	24	20.72	0.118
					12	0	19.56	0.090
					12	6	19.53	0.090
					12	13	19.55	0.090
25	0				19.55	0.090		
1	0				20.80	0.120		
1	12		20.59	0.115				
1	24		20.57	0.114				
12	0		19.49	0.089				
12	6		19.38	0.087				
12	13		19.35	0.086				
25	0		19.33	0.086				
1	0		20.75	0.119				
1	12		20.56	0.114				
1	24		20.52	0.113				
12	0		19.50	0.089				
12	6		19.46	0.088				
12	11		19.41	0.087				
25	0		19.42	0.087				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 12 (3M)	QPSK	18625	1852.5	1	0	21.53	0.142
					1	12	21.49	0.141
					1	24	21.43	0.139
					12	0	20.55	0.114
					12	6	20.53	0.113
					12	13	20.47	0.111
					25	0	20.46	0.111
			1	0	21.60	0.145		
			1	12	21.44	0.139		
			1	24	21.38	0.137		
			12	0	20.44	0.111		
			12	6	20.40	0.110		
			12	13	20.41	0.110		
			25	0	20.28	0.107		
			1	0	21.50	0.141		
			1	12	21.38	0.137		
			1	24	21.40	0.138		
			12	0	20.53	0.113		
			12	6	20.47	0.111		
			12	13	20.53	0.113		
			25	0	20.42	0.110		
			1	0	20.78	0.120		
			1	12	20.76	0.119		
			1	24	20.77	0.119		
		12	0	19.56	0.090			
		12	6	19.51	0.089			
		12	13	19.50	0.089			
		25	0	19.47	0.089			
		1	0	20.83	0.121			
		1	12	20.65	0.116			
		1	24	20.64	0.116			
		12	0	19.47	0.089			
		12	6	19.40	0.087			
		12	13	19.37	0.086			
		25	0	19.37	0.086			
		1	0	20.66	0.116			
		1	12	20.52	0.113			
		1	24	20.47	0.111			
		12	0	19.48	0.089			
		12	6	19.45	0.088			
		12	11	19.44	0.088			
		25	0	19.40	0.087			
		16QAM	18625	1852.5	1	0	20.78	0.120
					1	12	20.76	0.119
					1	24	20.77	0.119
			12	0	19.56	0.090		
			12	6	19.51	0.089		
			12	13	19.50	0.089		
25	0		19.47	0.089				
1	0		20.83	0.121				
1	12		20.65	0.116				
1	24		20.64	0.116				
12	0		19.47	0.089				
12	6		19.40	0.087				
12	13	19.37	0.086					
25	0	19.37	0.086					
1	0	20.66	0.116					
1	12	20.52	0.113					
1	24	20.47	0.111					
12	0	19.48	0.089					
12	6	19.45	0.088					
12	11	19.44	0.088					
25	0	19.40	0.087					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 12 (5M)	QPSK	18625	1852.5	1	0	21.52	0.142
					1	12	21.47	0.140
					1	24	21.47	0.140
					12	0	20.51	0.112
					12	6	20.49	0.112
					12	13	20.47	0.111
					25	0	20.54	0.113
			1	0	21.54	0.143		
			1	12	21.35	0.136		
			1	24	21.29	0.135		
			12	0	20.48	0.112		
			12	6	20.40	0.110		
			12	13	20.40	0.110		
			25	0	20.35	0.108		
			1	0	21.44	0.139		
			1	12	21.36	0.137		
			1	24	21.41	0.138		
			12	0	20.55	0.114		
			12	6	20.50	0.112		
			12	13	20.49	0.112		
			25	0	20.47	0.111		
			1	0	20.87	0.122		
			1	12	20.81	0.121		
			1	24	20.71	0.118		
		12	0	19.53	0.090			
		12	6	19.52	0.090			
		12	13	19.49	0.089			
		25	0	19.50	0.089			
		1	0	20.85	0.122			
		1	12	20.57	0.114			
		1	24	20.60	0.115			
		12	0	19.53	0.090			
		12	6	19.48	0.089			
		12	13	19.39	0.087			
		25	0	19.34	0.086			
		1	0	20.69	0.117			
		1	12	20.56	0.114			
		1	24	20.47	0.111			
		12	0	19.50	0.089			
		12	6	19.51	0.089			
		12	11	19.44	0.088			
		25	0	19.38	0.087			
		16QAM	18625	1852.5	1	0	20.81	0.121
					1	12	20.71	0.118
					1	24	20.71	0.118
					12	0	19.53	0.090
					12	6	19.52	0.090
					12	13	19.49	0.089
25	0				19.50	0.089		
1	0		20.85	0.122				
1	12		20.57	0.114				
1	24		20.60	0.115				
12	0		19.53	0.090				
12	6		19.48	0.089				
12	13		19.39	0.087				
25	0		19.34	0.086				
1	0		20.69	0.117				
1	12		20.56	0.114				
1	24		20.47	0.111				
12	0		19.50	0.089				
12	6		19.51	0.089				
12	11		19.44	0.088				
25	0		19.38	0.087				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 12 (10M)	QPSK	18625	1852.5	1	0	21.51	0.142
					1	12	21.54	0.143
					1	24	21.43	0.139
					12	0	20.56	0.114
					12	6	20.49	0.112
					12	13	20.52	0.113
					25	0	20.53	0.113
					1	0	21.53	0.142
			18900	1880.0	1	12	21.41	0.138
					1	24	21.34	0.136
					12	0	20.46	0.111
					12	6	20.43	0.110
					12	13	20.37	0.109
					25	0	20.33	0.108
					1	0	21.48	0.141
					1	12	21.41	0.138
			19175	1907.5	1	24	21.37	0.137
					12	0	20.49	0.112
					12	6	20.48	0.112
					12	13	20.48	0.112
					25	0	20.47	0.111
					1	0	20.79	0.120
					1	12	20.82	0.121
					1	24	20.71	0.118
		16QAM	18625	1852.5	12	0	19.56	0.090
					12	6	19.55	0.090
					12	13	19.50	0.089
					25	0	19.51	0.089
					1	0	20.83	0.121
					1	12	20.65	0.116
					1	24	20.59	0.115
					12	0	19.51	0.089
			18900	1880.0	12	6	19.47	0.089
					12	13	19.36	0.086
					25	0	19.33	0.086
					1	0	20.75	0.119
					1	12	20.56	0.114
					1	24	20.54	0.113
					12	0	19.48	0.089
					12	6	19.46	0.088
			19175	1907.5	12	11	19.48	0.089
					25	0	19.41	0.087

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 29 (3M)	QPSK	18625	1852.5	1	0	21.55	0.143
					1	12	21.44	0.139
					1	24	21.46	0.140
					12	0	20.62	0.115
					12	6	20.51	0.112
					12	13	20.41	0.110
					25	0	20.54	0.113
			1	0	21.56	0.143		
			1	12	21.46	0.140		
			1	24	21.36	0.137		
			12	0	20.45	0.111		
			12	6	20.32	0.108		
			12	13	20.34	0.108		
			25	0	20.18	0.104		
			1	0	21.46	0.140		
			1	12	21.45	0.140		
			1	24	21.42	0.139		
			12	0	20.59	0.115		
			12	6	20.46	0.111		
			12	13	20.62	0.115		
			25	0	20.38	0.109		
			1	0	20.81	0.121		
			1	12	20.85	0.122		
			1	24	20.74	0.119		
		12	0	19.62	0.092			
		12	6	19.58	0.091			
		12	13	19.58	0.091			
		25	0	19.38	0.087			
		1	0	20.84	0.121			
		1	12	20.56	0.114			
		1	24	20.58	0.114			
		12	0	19.48	0.089			
		12	6	19.38	0.087			
		12	13	19.45	0.088			
		25	0	19.32	0.086			
		1	0	20.58	0.114			
		1	12	20.52	0.113			
		1	24	20.51	0.112			
		12	0	19.40	0.087			
		12	6	19.37	0.086			
		12	11	19.53	0.090			
		25	0	19.43	0.088			
		16QAM	18625	1852.5	1	0	20.81	0.121
					1	12	20.85	0.122
					1	24	20.74	0.119
					12	0	19.62	0.092
					12	6	19.58	0.091
					12	13	19.58	0.091
25	0		19.38	0.087				
1	0		20.84	0.121				
1	12		20.56	0.114				
1	24		20.58	0.114				
12	0		19.48	0.089				
12	6		19.38	0.087				
12	13	19.45	0.088					
25	0	19.32	0.086					
1	0	20.58	0.114					
1	12	20.52	0.113					
1	24	20.51	0.112					
12	0	19.40	0.087					
12	6	19.37	0.086					
12	11	19.53	0.090					
25	0	19.43	0.088					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power			
					Size	Offset	(dBm)	(W)		
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 29 (5M)	QPSK	18625	1852.5	1	0	21.53	0.142		
					1	12	21.55	0.143		
					1	24	21.45	0.140		
					12	0	20.57	0.114		
					12	6	20.56	0.114		
					12	13	20.52	0.113		
			25	0	20.50	0.112				
			1	0	21.52	0.142				
			1	12	21.45	0.140				
			1	24	21.29	0.135				
			12	0	20.53	0.113				
			12	6	20.49	0.112				
			12	13	20.40	0.110				
			25	0	20.38	0.109				
			1	0	21.59	0.144				
			1	12	21.40	0.138				
			1	24	21.48	0.141				
			12	0	20.57	0.114				
			12	6	20.49	0.112				
			12	13	20.62	0.115				
			25	0	20.38	0.109				
			1	0	20.79	0.120				
			1	12	20.77	0.119				
			1	24	20.76	0.119				
		12	0	19.47	0.089					
		12	6	19.46	0.088					
		12	13	19.42	0.087					
		25	0	19.50	0.089					
		1	0	20.77	0.119					
		1	12	20.57	0.114					
		1	24	20.67	0.117					
		12	0	19.38	0.087					
		12	6	19.42	0.087					
		12	13	19.45	0.088					
		25	0	19.41	0.087					
		1	0	20.58	0.114					
		1	12	20.56	0.114					
		1	24	20.54	0.113					
		12	0	19.48	0.089					
		12	6	19.38	0.087					
		12	11	19.40	0.087					
		25	0	19.44	0.088					
		18625	1852.5	16QAM	18625	1852.5	1	0	20.77	0.119
		1	12				20.57	0.114		
		1	24				20.67	0.117		
		12	0				19.38	0.087		
		12	6				19.42	0.087		
		12	13				19.45	0.088		
25	0	19.41	0.087							
1	0	20.58	0.114							
1	12	20.56	0.114							
1	24	20.54	0.113							
12	0	19.48	0.089							
12	6	19.38	0.087							
12	11	19.40	0.087							
25	0	19.44	0.088							
18900	1880.0	18900	1880.0		1880.0	1	0	20.77	0.119	
1	12					20.57	0.114			
1	24					20.67	0.117			
12	0					19.38	0.087			
12	6					19.42	0.087			
12	13					19.45	0.088			
25	0	19.41	0.087							
19175	1907.5	19175	1907.5		1907.5	1	0	20.58	0.114	
1	12					20.56	0.114			
1	24					20.54	0.113			
12	0			19.48		0.089				
12	6			19.38		0.087				
12	11			19.40		0.087				
25	0	19.44	0.088							

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 29 (10M)	QPSK	18625	1852.5	1	0	21.52	0.142
					1	12	21.55	0.143
					1	24	21.42	0.139
					12	0	20.45	0.111
					12	6	20.54	0.113
					12	13	20.47	0.111
					25	0	20.37	0.109
			1	0	21.62	0.145		
			1	12	21.47	0.140		
			1	24	21.45	0.140		
			12	0	20.40	0.110		
			12	6	20.35	0.108		
			12	13	20.47	0.111		
			25	0	20.22	0.105		
			1	0	21.42	0.139		
			1	12	21.39	0.138		
			1	24	21.36	0.137		
			12	0	20.55	0.114		
			12	6	20.49	0.112		
			12	13	20.48	0.112		
			25	0	20.43	0.110		
			1	0	20.84	0.121		
			1	12	20.66	0.116		
			1	24	20.71	0.118		
		12	0	19.53	0.090			
		12	6	19.60	0.091			
		12	13	19.48	0.089			
		25	0	19.55	0.090			
		1	0	20.86	0.122			
		1	12	20.67	0.117			
		1	24	20.61	0.115			
		12	0	19.46	0.088			
		12	6	19.32	0.086			
		12	13	19.32	0.086			
		25	0	19.36	0.086			
		1	0	20.65	0.116			
		1	12	20.45	0.111			
		1	24	20.37	0.109			
		12	0	19.42	0.087			
		12	6	19.46	0.088			
		12	11	19.51	0.089			
		25	0	19.33	0.086			
		16QAM	18625	1852.5	1	0	20.84	0.121
					1	12	20.66	0.116
					1	24	20.71	0.118
					12	0	19.53	0.090
					12	6	19.60	0.091
					12	13	19.48	0.089
25	0				19.55	0.090		
1	0		20.86	0.122				
1	12		20.67	0.117				
1	24		20.61	0.115				
12	0		19.46	0.088				
12	6		19.32	0.086				
12	13		19.32	0.086				
25	0		19.36	0.086				
1	0		20.65	0.116				
1	12		20.45	0.111				
1	24		20.37	0.109				
12	0		19.42	0.087				
12	6		19.46	0.088				
12	11		19.51	0.089				
25	0		19.33	0.086				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 30 (5M)	QPSK	18625	1852.5	1	0	21.58	0.144	
					1	12	21.49	0.141	
					1	24	21.56	0.143	
					12	0	20.46	0.111	
					12	6	20.53	0.113	
					12	13	20.42	0.110	
					25	0	20.45	0.111	
			18900	1880.0	1	0	21.51	0.142	
					1	12	21.42	0.139	
					1	24	21.31	0.135	
					12	0	20.34	0.108	
					12	6	20.34	0.108	
					12	13	20.46	0.111	
					25	0	20.26	0.106	
			19175	1907.5	1	0	21.47	0.140	
					1	12	21.36	0.137	
					1	24	21.40	0.138	
					12	0	20.54	0.113	
					12	6	20.59	0.115	
					12	13	20.52	0.113	
					25	0	20.41	0.110	
			16QAM	18625	1852.5	1	0	20.77	0.119
						1	12	20.91	0.123
						1	24	20.66	0.116
		12				0	19.44	0.088	
		12				6	19.50	0.089	
		12				13	19.53	0.090	
		25				0	19.55	0.090	
		18900		1880.0	1	0	20.86	0.122	
					1	12	20.66	0.116	
					1	24	20.59	0.115	
					12	0	19.47	0.089	
					12	6	19.50	0.089	
					12	13	19.53	0.090	
					25	0	19.32	0.086	
		19175		1907.5	1	0	20.70	0.117	
					1	12	20.45	0.111	
					1	24	20.47	0.111	
					12	0	19.45	0.088	
					12	6	19.44	0.088	
					12	11	19.48	0.089	
					25	0	19.43	0.088	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 2	5 MHz with CA power Pcc: Band 2 Scc: Band 30 (10M)	QPSK	18625	1852.5	1	0	21.56	0.143	
					1	12	21.54	0.143	
					1	24	21.56	0.143	
					12	0	20.47	0.111	
					12	6	20.40	0.110	
					12	13	20.54	0.113	
			18900	1880.0	25	0	20.41	0.110	
					1	0	21.55	0.143	
					1	12	21.38	0.137	
					1	24	21.32	0.136	
					12	0	20.41	0.110	
					12	6	20.46	0.111	
			19175	1907.5	12	13	20.45	0.111	
					25	0	20.39	0.109	
					1	0	21.55	0.143	
					1	12	21.42	0.139	
					1	24	21.44	0.139	
					12	0	20.49	0.112	
			16QAM	18625	1852.5	12	6	20.47	0.111
						12	13	20.47	0.111
						25	0	20.50	0.112
						1	0	20.80	0.120
						1	12	20.88	0.122
						1	24	20.69	0.117
		18900		1880.0	12	0	19.53	0.090	
					12	6	19.54	0.090	
					12	13	19.49	0.089	
					25	0	19.59	0.091	
					1	0	20.73	0.118	
					1	12	20.70	0.117	
		19175		1907.5	1	24	20.53	0.113	
					12	0	19.39	0.087	
					12	6	19.49	0.089	
					12	13	19.49	0.089	
					25	0	19.35	0.086	
					1	0	20.76	0.119	
		18625		1852.5	1	12	20.45	0.111	
					1	24	20.57	0.114	
					12	0	19.47	0.089	
					12	6	19.45	0.088	
					12	11	19.47	0.089	
					25	0	19.29	0.085	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz	QPSK	18650	1855.0	1	0	22.22	0.167
					1	24	22.00	0.158
					1	49	21.98	0.158
					25	0	21.23	0.133
					25	12	21.12	0.129
					25	25	21.11	0.129
			50	0	21.04	0.127		
			1	0	22.23	0.167		
			1	24	22.00	0.158		
			1	49	21.82	0.152		
			25	0	21.11	0.129		
			25	12	20.99	0.126		
			25	25	20.88	0.122		
			50	0	20.85	0.122		
			1	0	21.96	0.157		
			1	24	21.80	0.151		
			1	49	21.71	0.148		
			25	0	20.92	0.124		
		25	12	20.83	0.121			
		25	25	20.81	0.121			
		50	0	20.71	0.118			
		1	0	21.59	0.144			
		1	24	21.32	0.136			
		1	49	21.30	0.135			
		25	0	20.23	0.105			
		25	12	20.14	0.103			
		25	25	20.08	0.102			
		50	0	20.05	0.101			
		1	0	21.53	0.142			
		1	24	21.28	0.134			
		1	49	21.09	0.129			
		25	0	20.07	0.102			
		25	12	19.99	0.100			
		25	25	19.87	0.097			
		50	0	19.85	0.097			
		1	0	21.32	0.136			
1	24	21.08	0.128					
1	49	21.00	0.126					
25	0	19.89	0.097					
25	12	19.76	0.095					
25	25	19.74	0.094					
50	0	19.69	0.093					
16QAM	18650	1855.0	1855.0	1	0	21.32	0.136	
				1	24	21.08	0.128	
				1	49	21.00	0.126	
				25	0	19.89	0.097	
				25	12	19.76	0.095	
				25	25	19.74	0.094	
	50	0	19.69	0.093				
	1	0	21.32	0.136				
	1	24	21.08	0.128				
	1	49	21.00	0.126				
	25	0	19.89	0.097				
	25	12	19.76	0.095				
	25	25	19.74	0.094				
	50	0	19.69	0.093				
	1	0	21.32	0.136				
	1	24	21.08	0.128				
	1	49	21.00	0.126				
	25	0	19.89	0.097				
25	12	19.76	0.095					
25	25	19.74	0.094					
50	0	19.69	0.093					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 5 (5M)	QPSK	18650	1855.0	1	0	21.84	0.153
					1	24	21.54	0.143
					1	49	21.53	0.142
					25	0	20.84	0.121
					25	12	20.69	0.117
					25	25	20.69	0.117
			50	0	20.63	0.116		
			1	0	21.72	0.149		
			1	24	21.53	0.142		
			1	49	21.32	0.136		
			25	0	20.68	0.117		
			25	12	20.47	0.111		
			25	25	20.35	0.108		
			50	0	20.34	0.108		
			1	0	21.48	0.141		
			1	24	21.33	0.136		
			1	49	21.22	0.132		
			25	0	20.41	0.110		
		25	12	20.30	0.107			
		25	25	20.26	0.106			
		50	0	20.25	0.106			
		1	0	21.20	0.132			
		1	24	20.91	0.123			
		1	49	20.84	0.121			
		25	0	19.86	0.097			
		25	12	19.71	0.094			
		25	25	19.63	0.092			
		50	0	19.60	0.091			
		1	0	21.03	0.127			
		1	24	20.76	0.119			
		1	49	20.57	0.114			
		25	0	19.65	0.092			
		25	12	19.56	0.090			
		25	25	19.39	0.087			
		50	0	19.36	0.086			
		1	0	20.89	0.123			
		1	24	20.63	0.116			
		1	49	20.51	0.112			
		25	0	19.38	0.087			
		25	12	19.24	0.084			
		25	25	19.21	0.083			
		50	0	19.24	0.084			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 5 (10M)	QPSK	18650	1855.0	1	0	21.81	0.152
					1	24	21.52	0.142
					1	49	21.55	0.143
					25	0	20.86	0.122
					25	12	20.69	0.117
					25	25	20.68	0.117
			50	0	20.62	0.115		
			1	0	21.76	0.150		
			1	24	21.48	0.141		
			1	49	21.31	0.135		
			25	0	20.65	0.116		
			25	12	20.51	0.112		
			25	25	20.36	0.109		
			50	0	20.35	0.108		
			1	0	21.48	0.141		
			1	24	21.25	0.133		
			1	49	21.21	0.132		
			25	0	20.45	0.111		
		25	12	20.38	0.109			
		25	25	20.34	0.108			
		50	0	20.22	0.105			
		1	0	21.22	0.132			
		1	24	20.89	0.123			
		1	49	20.86	0.122			
		25	0	19.80	0.095			
		25	12	19.69	0.093			
		25	25	19.67	0.093			
		50	0	19.57	0.091			
		1	0	21.05	0.127			
		1	24	20.72	0.118			
		1	49	20.61	0.115			
		25	0	19.59	0.091			
		25	12	19.51	0.089			
		25	25	19.38	0.087			
		50	0	19.37	0.086			
		1	0	20.88	0.122			
		1	24	20.57	0.114			
		1	49	20.47	0.111			
		25	0	19.43	0.088			
		25	12	19.20	0.083			
		25	25	19.19	0.083			
		50	0	19.23	0.084			
		16QAM	18650	1855.0	1	0	20.88	0.122
					1	24	20.57	0.114
					1	49	20.47	0.111
					25	0	19.43	0.088
					25	12	19.20	0.083
					25	25	19.19	0.083
50	0		19.23	0.084				
18900	1880.0		1	0	20.88	0.122		
			1	24	20.57	0.114		
			1	49	20.47	0.111		
			25	0	19.43	0.088		
			25	12	19.20	0.083		
			25	25	19.19	0.083		
50	0		19.23	0.084				
19150	1905.0		1	0	20.88	0.122		
			1	24	20.57	0.114		
			1	49	20.47	0.111		
			25	0	19.43	0.088		
		25	12	19.20	0.083			
		25	25	19.19	0.083			
50	0	19.23	0.084					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 12 (3M)	QPSK	18650	1855.0	1	0	21.79	0.151
					1	24	21.58	0.144
					1	49	21.58	0.144
					25	0	20.84	0.121
					25	12	20.74	0.119
					25	25	20.72	0.118
			50	0	20.65	0.116		
			1	0	21.76	0.150		
			1	24	21.51	0.142		
			1	49	21.32	0.136		
			25	0	20.67	0.117		
			25	12	20.51	0.112		
			25	25	20.36	0.109		
			50	0	20.37	0.109		
			1	0	21.49	0.141		
			1	24	21.25	0.133		
			1	49	21.17	0.131		
			25	0	20.37	0.109		
			25	12	20.35	0.108		
			25	25	20.32	0.108		
			50	0	20.21	0.105		
			1	0	21.23	0.133		
			1	24	20.87	0.122		
			1	49	20.83	0.121		
		25	0	19.84	0.096			
		25	12	19.68	0.093			
		25	25	19.65	0.092			
		50	0	19.59	0.091			
		1	0	21.03	0.127			
		1	24	20.74	0.119			
		1	49	20.60	0.115			
		25	0	19.56	0.090			
		25	12	19.49	0.089			
		25	25	19.38	0.087			
		50	0	19.32	0.086			
		1	0	20.87	0.122			
		1	24	20.62	0.115			
		1	49	20.50	0.112			
		25	0	19.36	0.086			
		25	12	19.28	0.085			
		25	25	19.26	0.084			
		50	0	19.22	0.084			
		16QAM	18650	1855.0	1	0	20.87	0.122
					1	24	20.62	0.115
					1	49	20.50	0.112
					25	0	19.36	0.086
					25	12	19.28	0.085
					25	25	19.26	0.084
50	0		19.22	0.084				
1	0		20.87	0.122				
1	24		20.62	0.115				
1	49		20.50	0.112				
25	0		19.36	0.086				
25	12		19.28	0.085				
25	25		19.26	0.084				
50	0		19.22	0.084				
1	0		20.87	0.122				
1	24		20.62	0.115				
1	49		20.50	0.112				
25	0		19.36	0.086				
25	12		19.28	0.085				
25	25		19.26	0.084				
50	0		19.22	0.084				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 12 (5M)	QPSK	18650	1855.0	1	0	21.78	0.151
					1	24	21.60	0.145
					1	49	21.59	0.144
					25	0	20.86	0.122
					25	12	20.66	0.116
					25	25	20.65	0.116
			50	0	20.60	0.115		
			1	0	21.76	0.150		
			1	24	21.49	0.141		
			1	49	21.34	0.136		
			25	0	20.68	0.117		
			25	12	20.53	0.113		
			25	25	20.40	0.110		
			50	0	20.37	0.109		
			1	0	21.45	0.140		
			1	24	21.31	0.135		
			1	49	21.17	0.131		
			25	0	20.41	0.110		
			25	12	20.30	0.107		
			25	25	20.29	0.107		
			50	0	20.21	0.105		
			1	0	21.22	0.132		
			1	24	20.83	0.121		
			1	49	20.84	0.121		
		25	0	19.79	0.095			
		25	12	19.66	0.092			
		25	25	19.63	0.092			
		50	0	19.57	0.091			
		1	0	21.03	0.127			
		1	24	20.80	0.120			
		1	49	20.63	0.116			
		25	0	19.63	0.092			
		25	12	19.55	0.090			
		25	25	19.42	0.087			
		50	0	19.37	0.086			
		1	0	20.82	0.121			
		1	24	20.60	0.115			
		1	49	20.48	0.112			
		25	0	19.38	0.087			
		25	12	19.25	0.084			
		25	25	19.23	0.084			
		50	0	19.22	0.084			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 12 (10M)	QPSK	18650	1855.0	1	0	21.82	0.152
					1	24	21.61	0.145
					1	49	21.58	0.144
					25	0	20.79	0.120
					25	12	20.66	0.116
					25	25	20.71	0.118
			50	0	20.64	0.116		
			1	0	21.78	0.151		
			1	24	21.47	0.140		
			1	49	21.30	0.135		
			25	0	20.67	0.117		
			25	12	20.53	0.113		
			25	25	20.40	0.110		
			50	0	20.37	0.109		
			1	0	21.50	0.141		
			1	24	21.28	0.134		
			1	49	21.21	0.132		
			25	0	20.43	0.110		
			25	12	20.32	0.108		
			25	25	20.27	0.106		
			50	0	20.22	0.105		
			1	0	21.24	0.133		
			1	24	20.91	0.123		
			1	49	20.82	0.121		
		25	0	19.84	0.096			
		25	12	19.66	0.092			
		25	25	19.67	0.093			
		50	0	19.62	0.092			
		1	0	20.98	0.125			
		1	24	20.75	0.119			
		1	49	20.60	0.115			
		25	0	19.56	0.090			
		25	12	19.52	0.090			
		25	25	19.37	0.086			
		50	0	19.42	0.087			
		1	0	20.87	0.122			
		1	24	20.62	0.115			
		1	49	20.50	0.112			
		25	0	19.38	0.087			
		25	12	19.26	0.084			
		25	25	19.22	0.084			
		50	0	19.24	0.084			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power			
					Size	Offset	(dBm)	(W)		
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 29 (3M)	QPSK	18650	1855.0	1	0	21.80	0.151		
					1	24	21.64	0.146		
					1	49	21.57	0.144		
					25	0	20.86	0.122		
					25	12	20.65	0.116		
					25	25	20.81	0.121		
			50	0	20.75	0.119				
			1	0	21.66	0.147				
			1	24	21.56	0.143				
			1	49	21.28	0.134				
			25	0	20.65	0.116				
			25	12	20.48	0.112				
			25	25	20.43	0.110				
			50	0	20.32	0.108				
			1	0	21.53	0.142				
			1	24	21.31	0.135				
			1	49	21.10	0.129				
			25	0	20.43	0.110				
			25	12	20.42	0.110				
			25	25	20.33	0.108				
			50	0	20.28	0.107				
			1	0	21.25	0.133				
			1	24	20.97	0.125				
			1	49	20.84	0.121				
		25	0	19.78	0.095					
		25	12	19.63	0.092					
		25	25	19.58	0.091					
		50	0	19.69	0.093					
		1	0	20.95	0.124					
		1	24	20.73	0.118					
		1	49	20.54	0.113					
		25	0	19.53	0.090					
		25	12	19.51	0.089					
		25	25	19.31	0.085					
		50	0	19.26	0.084					
		1	0	20.87	0.122					
		1	24	20.60	0.115					
		1	49	20.46	0.111					
		25	0	19.34	0.086					
		25	12	19.34	0.086					
		25	25	19.24	0.084					
		50	0	19.26	0.084					
		16QAM	18650	1855.0	18650	1855.0	1	0	20.95	0.124
							1	24	20.73	0.118
							1	49	20.54	0.113
							25	0	19.53	0.090
							25	12	19.51	0.089
							25	25	19.31	0.085
50	0		19.26	0.084						
1	0		20.87	0.122						
1	24		20.60	0.115						
1	49		20.46	0.111						
25	0		19.34	0.086						
25	12		19.34	0.086						
25	25		19.24	0.084						
50	0		19.26	0.084						
1	0		20.87	0.122						
1	24		20.60	0.115						
1	49		20.46	0.111						
25	0		19.34	0.086						
25	12		19.34	0.086						
25	25		19.24	0.084						
50	0		19.26	0.084						

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 29 (5M)	QPSK	18650	1855.0	1	0	21.79	0.151
					1	24	21.59	0.144
					1	49	21.63	0.146
					25	0	20.75	0.119
					25	12	20.71	0.118
					25	25	20.79	0.120
			50	0	20.59	0.115		
			1	0	21.77	0.150		
			1	24	21.57	0.144		
			1	49	21.26	0.134		
			25	0	20.61	0.115		
			25	12	20.45	0.111		
			25	25	20.27	0.106		
			50	0	20.30	0.107		
			1	0	21.42	0.139		
			1	24	21.18	0.131		
			1	49	21.21	0.132		
			25	0	20.41	0.110		
		25	12	20.37	0.109			
		25	25	20.33	0.108			
		50	0	20.27	0.106			
		1	0	21.23	0.133			
		1	24	20.85	0.122			
		1	49	20.85	0.122			
		25	0	19.85	0.097			
		25	12	19.66	0.092			
		25	25	19.57	0.091			
		50	0	19.56	0.090			
		1	0	20.93	0.124			
		1	24	20.65	0.116			
		1	49	20.57	0.114			
		25	0	19.56	0.090			
		25	12	19.55	0.090			
		25	25	19.46	0.088			
		50	0	19.27	0.085			
		1	0	20.96	0.125			
		1	24	20.63	0.116			
		1	49	20.49	0.112			
		25	0	19.29	0.085			
		25	12	19.27	0.085			
		25	25	19.26	0.084			
		50	0	19.31	0.085			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 29 (10M)	QPSK	18650	1855.0	1	0	21.76	0.150
					1	24	21.62	0.145
					1	49	21.52	0.142
					25	0	20.91	0.123
					25	12	20.70	0.117
					25	25	20.79	0.120
			50	0	20.61	0.115		
			1	0	21.68	0.147		
			1	24	21.60	0.145		
			1	49	21.40	0.138		
			25	0	20.71	0.118		
			25	12	20.54	0.113		
			25	25	20.28	0.107		
			50	0	20.29	0.107		
			1	0	21.57	0.144		
			1	24	21.18	0.131		
			1	49	21.08	0.128		
			25	0	20.36	0.109		
			25	12	20.40	0.110		
			25	25	20.37	0.109		
			50	0	20.31	0.107		
			1	0	21.18	0.131		
			1	24	20.88	0.122		
			1	49	20.77	0.119		
		25	0	19.81	0.096			
		25	12	19.74	0.094			
		25	25	19.60	0.091			
		50	0	19.61	0.091			
		1	0	21.01	0.126			
		1	24	20.67	0.117			
		1	49	20.62	0.115			
		25	0	19.58	0.091			
		25	12	19.56	0.090			
		25	25	19.33	0.086			
		50	0	19.41	0.087			
		1	0	20.79	0.120			
		1	24	20.64	0.116			
		1	49	20.57	0.114			
		25	0	19.41	0.087			
		25	12	19.32	0.086			
		25	25	19.21	0.083			
		50	0	19.27	0.085			
		16QAM	18650	1855.0	1	0	21.01	0.126
					1	24	20.67	0.117
					1	49	20.62	0.115
					25	0	19.58	0.091
			25	12	19.56	0.090		
			25	25	19.33	0.086		
50	0		19.41	0.087				
1	0		20.79	0.120				
1	24		20.64	0.116				
1	49		20.57	0.114				
25	0		19.41	0.087				
25	12		19.32	0.086				
25	25	19.21	0.083					
50	0	19.27	0.085					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 30 (5M)	QPSK	18650	1855.0	1	0	21.88	0.154
					1	24	21.60	0.145
					1	49	21.47	0.140
					25	0	20.91	0.123
					25	12	20.74	0.119
					25	25	20.73	0.118
			50	0	20.61	0.115		
			18900	1880.0	1	0	21.80	0.151
					1	24	21.48	0.141
					1	49	21.37	0.137
					25	0	20.69	0.117
					25	12	20.53	0.113
					25	25	20.30	0.107
			50	0	20.38	0.109		
			19150	1905.0	1	0	21.42	0.139
					1	24	21.27	0.134
					1	49	21.30	0.135
					25	0	20.44	0.111
		25			12	20.33	0.108	
		25			25	20.28	0.107	
		50	0	20.25	0.106			
		16QAM	18650	1855.0	1	0	21.23	0.133
					1	24	20.89	0.123
					1	49	20.82	0.121
					25	0	19.76	0.095
					25	12	19.67	0.093
					25	25	19.66	0.092
			50	0	19.68	0.093		
			18900	1880.0	1	0	21.10	0.129
					1	24	20.69	0.117
					1	49	20.60	0.115
					25	0	19.68	0.093
					25	12	19.65	0.092
					25	25	19.43	0.088
			50	0	19.28	0.085		
			19150	1905.0	1	0	20.87	0.122
					1	24	20.55	0.114
					1	49	20.55	0.114
					25	0	19.39	0.087
		25			12	19.20	0.083	
		25			25	19.20	0.083	
		50	0	19.18	0.083			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz with CA power Pcc: Band 2 Scc: Band 30 (10M)	QPSK	18650	1855.0	1	0	21.82	0.152
					1	24	21.48	0.141
					1	49	21.59	0.144
					25	0	20.80	0.120
					25	12	20.71	0.118
					25	25	20.65	0.116
					50	0	20.65	0.116
					1	0	21.72	0.149
			18900	1880.0	1	24	21.49	0.141
					1	49	21.38	0.137
					25	0	20.61	0.115
					25	12	20.38	0.109
					25	25	20.34	0.108
					50	0	20.34	0.108
					1	0	21.53	0.142
					1	24	21.42	0.139
			19150	1905.0	1	49	21.28	0.134
					25	0	20.50	0.112
					25	12	20.32	0.108
					25	25	20.26	0.106
					50	0	20.28	0.107
					1	0	21.11	0.129
					1	24	20.97	0.125
					1	49	20.85	0.122
		16QAM	18650	1855.0	25	0	19.84	0.096
					25	12	19.72	0.094
					25	25	19.71	0.094
					50	0	19.54	0.090
					1	0	21.05	0.127
					1	24	20.76	0.119
					1	49	20.54	0.113
					25	0	19.64	0.092
			18900	1880.0	25	12	19.56	0.090
					25	25	19.47	0.089
					50	0	19.26	0.084
					1	0	20.94	0.124
					1	24	20.54	0.113
					1	49	20.57	0.114
					25	0	19.34	0.086
					25	12	19.20	0.083
			19150	1905.0	25	25	19.17	0.083
					50	0	19.28	0.085

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz	QPSK	18675	1857.5	1	0	22.01	0.159
					1	38	21.98	0.158
					1	74	21.66	0.147
					38	0	21.02	0.126
					38	18	21.02	0.126
					38	37	20.98	0.125
					75	0	20.98	0.125
					1	0	21.95	0.157
			18900	1880.0	1	38	21.94	0.156
					1	74	21.50	0.141
					38	0	20.98	0.125
					38	18	20.92	0.124
					38	37	20.92	0.124
					75	0	20.88	0.122
					1	0	21.96	0.157
					1	38	21.90	0.155
			19125	1902.5	1	74	21.54	0.143
					38	0	20.96	0.125
					38	18	20.96	0.125
					38	37	20.91	0.123
					75	0	20.91	0.123
					1	0	21.34	0.136
					1	38	21.30	0.135
					1	74	21.25	0.133
		16QAM	18675	1857.5	38	0	20.01	0.100
					38	18	20.00	0.100
					38	37	19.99	0.100
					75	0	19.96	0.099
					1	0	21.23	0.133
					1	38	21.18	0.131
					1	74	21.06	0.128
					38	0	19.96	0.099
			18900	1880.0	38	18	19.93	0.098
					38	37	19.92	0.098
					75	0	19.86	0.097
					1	0	21.27	0.134
					1	38	21.23	0.133
					1	74	21.18	0.131
					38	0	19.99	0.100
					38	18	19.98	0.100
			19125	1902.5	38	37	19.90	0.098
					75	0	19.85	0.097

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 5 (5M)	QPSK	18675	1857.5	1	0	21.53	0.142
					1	38	21.58	0.144
					1	74	21.26	0.134
					38	0	20.54	0.113
					38	18	20.62	0.115
					38	37	20.59	0.115
			75	0	20.60	0.115		
			1	0	21.53	0.142		
			1	38	21.47	0.140		
			1	74	20.96	0.125		
			38	0	20.52	0.113		
			38	18	20.50	0.112		
			38	37	20.43	0.110		
			75	0	20.43	0.110		
			1	0	21.46	0.140		
			1	38	21.41	0.138		
			1	74	21.14	0.130		
			38	0	20.47	0.111		
			38	18	20.49	0.112		
			38	37	20.43	0.110		
			75	0	20.37	0.109		
			1	0	20.92	0.124		
			1	38	20.90	0.123		
			1	74	20.78	0.120		
		38	0	19.52	0.090			
		38	18	19.53	0.090			
		38	37	19.55	0.090			
		75	0	19.57	0.091			
		1	0	20.73	0.118			
		1	38	20.65	0.116			
		1	74	20.57	0.114			
		38	0	19.50	0.089			
		38	18	19.49	0.089			
		38	37	19.44	0.088			
		75	0	19.35	0.086			
		1	0	20.76	0.119			
		1	38	20.69	0.117			
		1	74	20.67	0.117			
		38	0	19.50	0.089			
		38	18	19.46	0.088			
		38	37	19.42	0.087			
		75	0	19.40	0.087			
		16QAM	18675	1857.5	1	0	20.73	0.118
					1	38	20.65	0.116
					1	74	20.57	0.114
					38	0	19.50	0.089
					38	18	19.49	0.089
					38	37	19.44	0.088
75	0		19.35	0.086				
1	0		20.76	0.119				
1	38		20.69	0.117				
1	74		20.67	0.117				
38	0		19.50	0.089				
38	18		19.46	0.088				
38	37	19.42	0.087					
75	0	19.40	0.087					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 5 (10M)	QPSK	18675	1857.5	1	0	21.60	0.145
					1	38	21.59	0.144
					1	74	21.27	0.134
					38	0	20.55	0.114
					38	18	20.60	0.115
					38	37	20.51	0.112
			75	0	20.58	0.114		
			1	0	21.49	0.141		
			1	38	21.40	0.138		
			1	74	20.96	0.125		
			38	0	20.46	0.111		
			38	18	20.44	0.111		
			38	37	20.50	0.112		
			75	0	20.39	0.109		
			1	0	21.46	0.140		
			1	38	21.41	0.138		
			1	74	21.14	0.130		
			38	0	20.49	0.112		
			38	18	20.45	0.111		
			38	37	20.45	0.111		
			75	0	20.36	0.109		
			1	0	20.87	0.122		
			1	38	20.85	0.122		
			1	74	20.85	0.122		
		38	0	19.59	0.091			
		38	18	19.60	0.091			
		38	37	19.57	0.091			
		75	0	19.54	0.090			
		1	0	20.80	0.120			
		1	38	20.65	0.116			
		1	74	20.55	0.114			
		38	0	19.51	0.089			
		38	18	19.41	0.087			
		38	37	19.38	0.087			
		75	0	19.37	0.086			
		1	0	20.75	0.119			
		1	38	20.79	0.120			
		1	74	20.66	0.116			
		38	0	19.54	0.090			
		38	18	19.46	0.088			
		38	37	19.40	0.087			
		75	0	19.35	0.086			
		16QAM	18675	1857.5	1	0	20.85	0.122
					1	38	20.85	0.122
					1	74	20.85	0.122
					38	0	19.59	0.091
					38	18	19.60	0.091
					38	37	19.57	0.091
75	0		19.54	0.090				
1	0		20.80	0.120				
1	38		20.65	0.116				
1	74		20.55	0.114				
38	0		19.51	0.089				
38	18		19.41	0.087				
38	37		19.38	0.087				
75	0		19.37	0.086				
1	0		20.75	0.119				
1	38		20.79	0.120				
1	74		20.66	0.116				
38	0		19.54	0.090				
38	18		19.46	0.088				
38	37		19.40	0.087				
75	0		19.35	0.086				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 12 (3M)	QPSK	18675	1857.5	1	0	21.53	0.142	
					1	38	21.63	0.146	
					1	74	21.19	0.132	
					38	0	20.62	0.115	
					38	18	20.61	0.115	
					38	37	20.58	0.114	
					75	0	20.61	0.115	
			18900	1880.0	1	0	21.48	0.141	
					1	38	21.40	0.138	
					1	74	21.00	0.126	
					38	0	20.42	0.110	
					38	18	20.48	0.112	
					38	37	20.49	0.112	
					75	0	20.45	0.111	
			19125	1902.5	1	0	21.51	0.142	
					1	38	21.39	0.138	
					1	74	21.13	0.130	
					38	0	20.49	0.112	
					38	18	20.51	0.112	
					38	37	20.47	0.111	
					75	0	20.39	0.109	
			16QAM	18675	1857.5	1	0	20.89	0.123
						1	38	20.89	0.123
						1	74	20.82	0.121
		38				0	19.61	0.091	
		38				18	19.51	0.089	
		38				37	19.58	0.091	
		75				0	19.57	0.091	
		18900		1880.0	1	0	20.78	0.120	
					1	38	20.67	0.117	
					1	74	20.61	0.115	
					38	0	19.49	0.089	
					38	18	19.49	0.089	
					38	37	19.39	0.087	
					75	0	19.34	0.086	
		19125		1902.5	1	0	20.77	0.119	
					1	38	20.79	0.120	
					1	74	20.72	0.118	
					38	0	19.46	0.088	
					38	18	19.47	0.089	
					38	37	19.41	0.087	
					75	0	19.42	0.087	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 12 (5M)	QPSK	18675	1857.5	1	0	21.55	0.143
					1	38	21.61	0.145
					1	74	21.23	0.133
					38	0	20.60	0.115
					38	18	20.62	0.115
					38	37	20.55	0.114
			75	0	20.61	0.115		
			1	0	21.55	0.143		
			1	38	21.48	0.141		
			1	74	20.97	0.125		
			38	0	20.44	0.111		
			38	18	20.45	0.111		
			38	37	20.48	0.112		
			75	0	20.45	0.111		
			1	0	21.54	0.143		
			1	38	21.47	0.140		
			1	74	21.07	0.128		
			38	0	20.50	0.112		
		38	18	20.44	0.111			
		38	37	20.46	0.111			
		75	0	20.40	0.110			
		1	0	20.84	0.121			
		1	38	20.83	0.121			
		1	74	20.82	0.121			
		38	0	19.55	0.090			
		38	18	19.51	0.089			
		38	37	19.51	0.089			
		75	0	19.49	0.089			
		1	0	20.80	0.120			
		1	38	20.70	0.117			
		1	74	20.57	0.114			
		38	0	19.53	0.090			
		38	18	19.48	0.089			
		38	37	19.48	0.089			
		75	0	19.38	0.087			
		1	0	20.81	0.121			
		1	38	20.71	0.118			
		1	74	20.67	0.117			
		38	0	19.55	0.090			
		38	18	19.50	0.089			
		38	37	19.45	0.088			
		75	0	19.35	0.086			
16QAM	18675	1857.5	1857.5	1	0	20.80	0.120	
				1	38	20.70	0.117	
				1	74	20.57	0.114	
				38	0	19.53	0.090	
				38	18	19.48	0.089	
				38	37	19.48	0.089	
	75	0	19.38	0.087				
	1	0	20.81	0.121				
	1	38	20.71	0.118				
	1	74	20.67	0.117				
	38	0	19.55	0.090				
	38	18	19.50	0.089				
	38	37	19.45	0.088				
	75	0	19.35	0.086				
	18900	1880.0	1880.0	1880.0	1	0	20.81	0.121
					1	38	20.71	0.118
					1	74	20.67	0.117
					38	0	19.55	0.090
38					18	19.50	0.089	
38					37	19.45	0.088	
75	0	19.35	0.086					
19125	1902.5	1902.5	1902.5	1	0	20.81	0.121	
				1	38	20.71	0.118	
				1	74	20.67	0.117	
				38	0	19.55	0.090	
				38	18	19.50	0.089	
				38	37	19.45	0.088	
75	0	19.35	0.086					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 12 (10M)	QPSK	18675	1857.5	1	0	21.54	0.143
					1	38	21.56	0.143
					1	74	21.26	0.134
					38	0	20.55	0.114
					38	18	20.58	0.114
					38	37	20.56	0.114
			75	0	20.55	0.114		
			1	0	21.46	0.140		
			1	38	21.49	0.141		
			1	74	21.03	0.127		
			38	0	20.43	0.110		
			38	18	20.49	0.112		
			38	37	20.44	0.111		
			75	0	20.44	0.111		
			1	0	21.54	0.143		
			1	38	21.44	0.139		
			1	74	21.06	0.128		
			38	0	20.51	0.112		
			38	18	20.48	0.112		
			38	37	20.39	0.109		
			75	0	20.37	0.109		
			1	0	20.89	0.123		
			1	38	20.82	0.121		
			1	74	20.76	0.119		
		38	0	19.54	0.090			
		38	18	19.61	0.091			
		38	37	19.56	0.090			
		75	0	19.54	0.090			
		1	0	20.78	0.120			
		1	38	20.71	0.118			
		1	74	20.58	0.114			
		38	0	19.54	0.090			
		38	18	19.49	0.089			
		38	37	19.43	0.088			
		75	0	19.34	0.086			
		1	0	20.79	0.120			
		1	38	20.77	0.119			
		1	74	20.66	0.116			
		38	0	19.47	0.089			
		38	18	19.46	0.088			
		38	37	19.43	0.088			
		75	0	19.37	0.086			
		16QAM	18675	1857.5	1	0	20.82	0.121
					1	38	20.76	0.119
					1	74	20.76	0.119
					38	0	19.54	0.090
					38	18	19.61	0.091
					38	37	19.56	0.090
75	0		19.54	0.090				
1	0		20.78	0.120				
1	38		20.71	0.118				
1	74		20.58	0.114				
38	0		19.54	0.090				
38	18		19.49	0.089				
38	37		19.43	0.088				
75	0		19.34	0.086				
1	0		20.79	0.120				
1	38		20.77	0.119				
1	74		20.66	0.116				
38	0		19.47	0.089				
38	18		19.46	0.088				
38	37		19.43	0.088				
75	0		19.37	0.086				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 30 (5M)	QPSK	18675	1857.5	1	0	21.44	0.139
					1	38	21.59	0.144
					1	74	21.33	0.136
					38	0	20.46	0.111
					38	18	20.62	0.115
					38	37	20.51	0.112
					75	0	20.59	0.115
			18900	1880.0	1	0	21.54	0.143
					1	38	21.55	0.143
					1	74	20.99	0.126
					38	0	20.59	0.115
					38	18	20.41	0.110
					38	37	20.41	0.110
					75	0	20.36	0.109
			19125	1902.5	1	0	21.54	0.143
					1	38	21.41	0.138
					1	74	21.23	0.133
					38	0	20.42	0.110
					38	18	20.47	0.111
					38	37	20.49	0.112
					75	0	20.39	0.109
		16QAM	18675	1857.5	1	0	20.96	0.125
					1	38	20.94	0.124
					1	74	20.78	0.120
					38	0	19.61	0.091
					38	18	19.57	0.091
					38	37	19.47	0.089
					75	0	19.50	0.089
			18900	1880.0	1	0	20.68	0.117
					1	38	20.56	0.114
					1	74	20.51	0.112
					38	0	19.45	0.088
					38	18	19.45	0.088
					38	37	19.35	0.086
					75	0	19.31	0.085
			19125	1902.5	1	0	20.77	0.119
					1	38	20.76	0.119
					1	74	20.58	0.114
					38	0	19.58	0.091
					38	18	19.43	0.088
					38	37	19.46	0.088
					75	0	19.38	0.087

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz with CA power Pcc: Band 2 Scc: Band 30 (10M)	QPSK	18675	1857.5	1	0	21.60	0.145
					1	38	21.55	0.143
					1	74	21.25	0.133
					38	0	20.58	0.114
					38	18	20.70	0.117
					38	37	20.55	0.114
			75	0	20.56	0.114		
			1	0	21.58	0.144		
			1	38	21.54	0.143		
			1	74	21.04	0.127		
			38	0	20.45	0.111		
			38	18	20.41	0.110		
			38	37	20.34	0.108		
			75	0	20.42	0.110		
			1	0	21.54	0.143		
			1	38	21.39	0.138		
			1	74	21.15	0.130		
			38	0	20.40	0.110		
		38	18	20.56	0.114			
		38	37	20.39	0.109			
		75	0	20.45	0.111			
		1	0	20.96	0.125			
		1	38	20.92	0.124			
		1	74	20.82	0.121			
		38	0	19.53	0.090			
		38	18	19.62	0.092			
		38	37	19.51	0.089			
		75	0	19.56	0.090			
		1	0	20.66	0.116			
		1	38	20.74	0.119			
		1	74	20.50	0.112			
		38	0	19.52	0.090			
		38	18	19.52	0.090			
		38	37	19.34	0.086			
		75	0	19.39	0.087			
		1	0	20.68	0.117			
1	38	20.72	0.118					
1	74	20.77	0.119					
38	0	19.58	0.091					
38	18	19.53	0.090					
38	37	19.52	0.090					
75	0	19.35	0.086					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 2	20 MHz	QPSK	18700	1860.0	1	0	22.12	0.163	
					1	49	22.04	0.160	
					1	99	21.78	0.151	
					50	0	21.14	0.130	
					50	25	21.13	0.130	
					50	50	21.06	0.128	
			100	0	20.98	0.125			
			18900	1880.0	1	0	22.03	0.160	
					1	49	22.02	0.159	
					1	99	21.71	0.148	
					50	0	21.04	0.127	
					50	25	20.97	0.125	
					50	50	20.92	0.124	
			100	0	20.84	0.121			
			19100	1900.0	1	0	21.95	0.157	
					1	49	21.88	0.154	
					1	99	21.65	0.146	
					50	0	20.98	0.125	
					50	25	20.87	0.122	
					50	50	20.87	0.122	
			100	0	20.85	0.122			
			16QAM	18700	1860.0	1	0	21.40	0.138
						1	49	21.39	0.138
						1	99	21.10	0.129
		50				0	20.15	0.104	
		50				25	20.06	0.101	
		50				50	20.06	0.101	
		100		0	19.95	0.099			
		18900		1880.0	1	0	21.38	0.137	
					1	49	21.27	0.134	
					1	99	20.98	0.125	
					50	0	19.99	0.100	
					50	25	19.93	0.098	
					50	50	19.91	0.098	
		100		0	19.86	0.097			
		19100		1900.0	1	0	21.28	0.134	
					1	49	21.19	0.132	
					1	99	20.65	0.116	
					50	0	19.98	0.100	
					50	25	19.88	0.097	
					50	50	19.87	0.097	
		100		0	19.83	0.096			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 5 (5M)	QPSK	18700	1860.0	1	0	21.63	0.146
					1	49	21.68	0.147
					1	99	21.40	0.138
					50	0	20.77	0.119
					50	25	20.60	0.115
					50	50	20.66	0.116
			100	0	20.54	0.113		
			1	0	21.56	0.143		
			1	49	21.49	0.141		
			1	99	21.18	0.131		
			50	0	20.48	0.112		
			50	25	20.53	0.113		
			50	50	20.46	0.111		
			100	0	20.33	0.108		
			1	0	21.44	0.139		
			1	49	21.40	0.138		
			1	99	21.14	0.130		
			50	0	20.49	0.112		
		50	25	20.45	0.111			
		50	50	20.36	0.109			
		100	0	20.32	0.108			
		1	0	20.95	0.124			
		1	49	20.95	0.124			
		1	99	20.70	0.117			
		50	0	19.67	0.093			
		50	25	19.58	0.091			
		50	50	19.59	0.091			
		100	0	19.55	0.090			
		1	0	20.90	0.123			
		1	49	20.82	0.121			
		1	99	20.53	0.113			
		50	0	19.50	0.089			
		50	25	19.47	0.089			
		50	50	19.49	0.089			
		100	0	19.38	0.087			
		1	0	20.82	0.121			
1	49	20.70	0.117					
1	99	20.53	0.113					
50	0	19.54	0.090					
50	25	19.41	0.087					
50	50	19.34	0.086					
100	0	19.29	0.085					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 5 (10M)	QPSK	18700	1860.0	1	0	21.62	0.145
					1	49	21.64	0.146
					1	99	21.31	0.135
					50	0	20.74	0.119
					50	25	20.65	0.116
					50	50	20.68	0.117
			100	0	20.61	0.115		
			1	0	21.50	0.141		
			1	49	21.54	0.143		
			1	99	21.19	0.132		
			50	0	20.48	0.112		
			50	25	20.51	0.112		
			50	50	20.40	0.110		
			100	0	20.36	0.109		
			1	0	21.43	0.139		
			1	49	21.38	0.137		
			1	99	21.14	0.130		
			50	0	20.47	0.111		
			50	25	20.37	0.109		
			50	50	20.41	0.110		
			100	0	20.39	0.109		
			1	0	20.99	0.126		
			1	49	20.91	0.123		
			1	99	20.67	0.117		
		50	0	19.71	0.094			
		50	25	19.63	0.092			
		50	50	19.62	0.092			
		100	0	19.55	0.090			
		1	0	20.81	0.121			
		1	49	20.81	0.121			
		1	99	20.54	0.113			
		50	0	19.51	0.089			
		50	25	19.44	0.088			
		50	50	19.42	0.087			
		100	0	19.39	0.087			
		1	0	20.74	0.119			
		1	49	20.74	0.119			
		1	99	20.54	0.113			
		50	0	19.48	0.089			
		50	25	19.35	0.086			
		50	50	19.42	0.087			
		100	0	19.36	0.086			
		16QAM	18700	1860.0	1	0	20.81	0.121
					1	49	20.81	0.121
					1	99	20.54	0.113
					50	0	19.51	0.089
			50	25	19.44	0.088		
			50	50	19.42	0.087		
100	0		19.39	0.087				
18900	1880.0		1	0	20.81	0.121		
			1	49	20.81	0.121		
			1	99	20.54	0.113		
			50	0	19.51	0.089		
50	25		19.44	0.088				
50	50	19.42	0.087					
100	0	19.39	0.087					
19100	1900.0	1	0	20.74	0.119			
		1	49	20.74	0.119			
		1	99	20.54	0.113			
		50	0	19.48	0.089			
50	25	19.35	0.086					
50	50	19.42	0.087					
100	0	19.36	0.086					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 12 (3M)	QPSK	18700	1860.0	1	0	21.67	0.147
					1	49	21.64	0.146
					1	99	21.34	0.136
					50	0	20.69	0.117
					50	25	20.65	0.116
					50	50	20.63	0.116
			100	0	20.57	0.114		
			1	0	21.54	0.143		
			1	49	21.49	0.141		
			1	99	21.22	0.132		
			50	0	20.55	0.114		
			50	25	20.52	0.113		
			50	50	20.41	0.110		
			100	0	20.39	0.109		
			1	0	21.48	0.141		
			1	49	21.37	0.137		
			1	99	21.14	0.130		
			50	0	20.49	0.112		
		50	25	20.40	0.110			
		50	50	20.38	0.109			
		100	0	20.32	0.108			
		1	0	20.95	0.124			
		1	49	20.89	0.123			
		1	99	20.67	0.117			
		50	0	19.67	0.093			
		50	25	19.61	0.091			
		50	50	19.58	0.091			
		100	0	19.54	0.090			
		1	0	20.88	0.122			
		1	49	20.81	0.121			
		1	99	20.49	0.112			
		50	0	19.48	0.089			
		50	25	19.47	0.089			
		50	50	19.48	0.089			
		100	0	19.41	0.087			
		1	0	20.80	0.120			
1	49	20.73	0.118					
1	99	20.52	0.113					
50	0	19.53	0.090					
50	25	19.44	0.088					
50	50	19.36	0.086					
100	0	19.30	0.085					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 12 (5M)	QPSK	18700	1860.0	1	0	21.62	0.145
					1	49	21.69	0.148
					1	99	21.37	0.137
					50	0	20.68	0.117
					50	25	20.60	0.115
					50	50	20.63	0.116
			100	0	20.60	0.115		
			1	0	21.59	0.144		
			1	49	21.51	0.142		
			1	99	21.23	0.133		
			50	0	20.46	0.111		
			50	25	20.51	0.112		
			50	50	20.41	0.110		
			100	0	20.38	0.109		
			1	0	21.52	0.142		
			1	49	21.38	0.137		
			1	99	21.12	0.129		
			50	0	20.54	0.113		
			50	25	20.45	0.111		
			50	50	20.43	0.110		
			100	0	20.38	0.109		
			1	0	20.93	0.124		
			1	49	20.96	0.125		
			1	99	20.65	0.116		
		50	0	19.67	0.093			
		50	25	19.58	0.091			
		50	50	19.57	0.091			
		100	0	19.51	0.089			
		1	0	20.89	0.123			
		1	49	20.79	0.120			
		1	99	20.54	0.113			
		50	0	19.45	0.088			
		50	25	19.45	0.088			
		50	50	19.47	0.089			
		100	0	19.37	0.086			
		1	0	20.81	0.121			
		1	49	20.68	0.117			
		1	99	20.51	0.112			
		50	0	19.47	0.089			
		50	25	19.41	0.087			
		50	50	19.37	0.086			
		100	0	19.33	0.086			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 12 (10M)	QPSK	18700	1860.0	1	0	21.70	0.148
					1	49	21.68	0.147
					1	99	21.38	0.137
					50	0	20.76	0.119
					50	25	20.61	0.115
					50	50	20.62	0.115
			100	0	20.57	0.114		
			18900	1880.0	1	0	21.54	0.143
					1	49	21.49	0.141
					1	99	21.25	0.133
					50	0	20.47	0.111
					50	25	20.50	0.112
					50	50	20.45	0.111
			100	0	20.34	0.108		
			19100	1900.0	1	0	21.46	0.140
					1	49	21.35	0.136
					1	99	21.12	0.129
					50	0	20.49	0.112
		50			25	20.40	0.110	
		50			50	20.39	0.109	
		100	0	20.35	0.108			
		16QAM	18700	1860.0	1	0	21.01	0.126
					1	49	20.96	0.125
					1	99	20.63	0.116
					50	0	19.69	0.093
					50	25	19.64	0.092
					50	50	19.62	0.092
			100	0	19.54	0.090		
			18900	1880.0	1	0	20.90	0.123
					1	49	20.85	0.122
					1	99	20.53	0.113
					50	0	19.46	0.088
					50	25	19.46	0.088
					50	50	19.44	0.088
			100	0	19.33	0.086		
			19100	1900.0	1	0	20.79	0.120
					1	49	20.68	0.117
					1	99	20.53	0.113
					50	0	19.47	0.089
		50			25	19.36	0.086	
		50			50	19.41	0.087	
		100	0	19.33	0.086			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 30 (5M)	QPSK	18700	1860.0	1	0	21.69	0.148
					1	49	21.77	0.150
					1	99	21.37	0.137
					50	0	20.74	0.119
					50	25	20.56	0.114
					50	50	20.61	0.115
			100	0	20.61	0.115		
			18900	1880.0	1	0	21.64	0.146
					1	49	21.54	0.143
					1	99	21.12	0.129
					50	0	20.45	0.111
					50	25	20.44	0.111
					50	50	20.37	0.109
			100	0	20.35	0.108		
			19100	1900.0	1	0	21.51	0.142
					1	49	21.39	0.138
					1	99	21.16	0.131
					50	0	20.52	0.113
		50			25	20.41	0.110	
		50			50	20.37	0.109	
		100	0	20.28	0.107			
		16QAM	18700	1860.0	1	0	20.95	0.124
					1	49	20.94	0.124
					1	99	20.78	0.120
					50	0	19.61	0.091
					50	25	19.65	0.092
					50	50	19.55	0.090
			100	0	19.64	0.092		
			18900	1880.0	1	0	20.85	0.122
					1	49	20.77	0.119
					1	99	20.62	0.115
					50	0	19.40	0.087
					50	25	19.52	0.090
					50	50	19.51	0.089
			100	0	19.35	0.086		
			19100	1900.0	1	0	20.91	0.123
					1	49	20.79	0.120
					1	99	20.56	0.114
					50	0	19.52	0.090
		50			25	19.35	0.086	
		50			50	19.37	0.086	
		100	0	19.39	0.087			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz with CA power Pcc: Band 2 Scc: Band 30 (10M)	QPSK	18700	1860.0	1	0	21.67	0.147
					1	49	21.75	0.150
					1	99	21.49	0.141
					50	0	20.67	0.117
					50	25	20.63	0.116
					50	50	20.76	0.119
			100	0	20.62	0.115		
			18900	1880.0	1	0	21.58	0.144
					1	49	21.49	0.141
					1	99	21.21	0.132
					50	0	20.52	0.113
					50	25	20.57	0.114
					50	50	20.38	0.109
			100	0	20.25	0.106		
			19100	1900.0	1	0	21.40	0.138
					1	49	21.39	0.138
					1	99	21.18	0.131
					50	0	20.56	0.114
		50			25	20.45	0.111	
		50			50	20.37	0.109	
		100	0	20.42	0.110			
		16QAM	18700	1860.0	1	0	20.91	0.123
					1	49	21.01	0.126
					1	99	20.63	0.116
					50	0	19.66	0.092
					50	25	19.63	0.092
					50	50	19.65	0.092
			100	0	19.59	0.091		
			18900	1880.0	1	0	20.92	0.124
					1	49	20.75	0.119
					1	99	20.46	0.111
					50	0	19.49	0.089
					50	25	19.56	0.090
					50	50	19.39	0.087
			100	0	19.35	0.086		
			19100	1900.0	1	0	20.89	0.123
					1	49	20.64	0.116
					1	99	20.54	0.113
					50	0	19.47	0.089
		50			25	19.40	0.087	
		50			50	19.43	0.088	
		100	0	19.36	0.086			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	1.4 MHz	QPSK	19957	1710.7	1	0	22.16	0.164	
					1	2	22.09	0.162	
					1	5	22.01	0.159	
					3	0	21.96	0.157	
					3	1	21.87	0.154	
					3	3	21.86	0.153	
			20175	1732.5	6	0	20.85	0.122	
					1	0	22.26	0.168	
					1	2	22.11	0.163	
					1	5	22.07	0.161	
					3	0	22.05	0.160	
					3	1	21.99	0.158	
			20393	1754.3	3	3	21.94	0.156	
					6	0	20.83	0.121	
					1	0	22.31	0.170	
					1	2	22.24	0.167	
					1	5	22.17	0.165	
					3	0	22.15	0.164	
			16QAM	19957	1710.7	3	1	22.13	0.163
						3	3	22.01	0.159
						6	0	21.01	0.126
						1	0	21.73	0.149
						1	2	21.64	0.146
						1	5	21.59	0.144
		20175		1732.5	3	0	21.29	0.135	
					3	1	21.27	0.134	
					3	3	21.15	0.130	
					6	0	20.69	0.117	
					1	0	21.76	0.150	
					1	2	21.69	0.148	
		20393		1754.3	1	5	21.60	0.145	
					3	0	21.38	0.137	
					3	1	21.31	0.135	
					3	3	21.26	0.134	
					6	0	20.58	0.114	
					1	0	21.78	0.151	
		19957		1710.7	1	2	21.73	0.149	
					1	5	21.72	0.149	
					3	0	21.46	0.140	
					3	1	21.42	0.139	
					3	3	21.36	0.137	
					6	0	20.68	0.117	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	3 MHz	QPSK	19965	1711.5	1	0	22.08	0.161	
					1	8	22.00	0.158	
					1	14	21.98	0.158	
					8	0	20.97	0.125	
					8	4	20.96	0.125	
					8	7	20.95	0.124	
			15	0	20.87	0.122			
			1	0	22.10	0.162			
			1	8	22.10	0.162			
			1	14	21.93	0.156			
			8	0	20.99	0.126			
			8	4	20.96	0.125			
			8	7	20.95	0.124			
			15	0	20.95	0.124			
			1	0	22.20	0.166			
			1	8	22.12	0.163			
			1	14	22.04	0.160			
			8	0	21.13	0.130			
			8	4	21.12	0.129			
			8	7	21.09	0.129			
			15	0	21.03	0.127			
			1	0	21.30	0.135			
			1	8	21.19	0.132			
			1	14	21.18	0.131			
		8	0	20.03	0.101				
		8	4	20.02	0.100				
		8	7	19.98	0.100				
		15	0	19.93	0.098				
		1	0	21.31	0.135				
		1	8	21.30	0.135				
		1	14	21.15	0.130				
		8	0	20.07	0.102				
		8	4	20.06	0.101				
		8	7	20.02	0.100				
		15	0	19.96	0.099				
		1	0	21.46	0.140				
		1	8	21.36	0.137				
		1	14	21.30	0.135				
		8	0	20.16	0.104				
		8	4	20.16	0.104				
		8	7	20.07	0.102				
		15	0	20.07	0.102				
		16QAM	19965	1711.5	1711.5	1	0	21.30	0.135
						1	8	21.19	0.132
						1	14	21.18	0.131
						8	0	20.03	0.101
						8	4	20.02	0.100
						8	7	19.98	0.100
15	0		19.93	0.098					
1	0		21.31	0.135					
1	8		21.30	0.135					
1	14		21.15	0.130					
8	0		20.07	0.102					
8	4		20.06	0.101					
8	7		20.02	0.100					
15	0		19.96	0.099					
1	0		21.36	0.137					
1	8		21.30	0.135					
1	14		21.30	0.135					
8	0		20.16	0.104					
8	4		20.16	0.104					
8	7		20.07	0.102					
15	0		20.07	0.102					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	5 MHz	QPSK	19975	1712.5	1	0	22.14	0.164	
					1	12	22.04	0.160	
					1	24	22.00	0.158	
					12	0	21.04	0.127	
					12	6	20.97	0.125	
					12	13	20.95	0.124	
			25	0	20.92	0.124			
			1	0	22.23	0.167			
			1	12	22.11	0.163			
			1	24	21.99	0.158			
			12	0	21.07	0.128			
			12	6	20.97	0.125			
			12	13	20.94	0.124			
			25	0	20.94	0.124			
			1	0	22.25	0.168			
			1	12	22.14	0.164			
			1	24	22.10	0.162			
			12	0	21.11	0.129			
			12	6	21.08	0.128			
			12	13	21.07	0.128			
			25	0	21.07	0.128			
			1	0	21.34	0.136			
			1	12	21.27	0.134			
			1	24	21.21	0.132			
		12	0	20.08	0.102				
		12	6	20.01	0.100				
		12	13	20.00	0.100				
		25	0	19.95	0.099				
		1	0	21.45	0.140				
		1	12	21.31	0.135				
		1	24	21.19	0.132				
		12	0	20.12	0.103				
		12	6	19.99	0.100				
		12	13	19.98	0.100				
		25	0	19.98	0.100				
		1	0	21.53	0.142				
		1	12	21.41	0.138				
		1	24	21.31	0.135				
		12	0	20.12	0.103				
		12	6	20.08	0.102				
		12	11	20.06	0.101				
		25	0	20.05	0.101				
		16QAM	19975	1712.5	1712.5	1	0	21.34	0.136
						1	12	21.27	0.134
						1	24	21.21	0.132
						12	0	20.08	0.102
						12	6	20.01	0.100
						12	13	20.00	0.100
25	0		19.95	0.099					
1	0		21.45	0.140					
1	12		21.31	0.135					
1	24		21.19	0.132					
12	0		20.12	0.103					
12	6		19.99	0.100					
12	13	19.98	0.100						
25	0	19.98	0.100						
20375	1752.5	1752.5	1752.5	1	0	21.53	0.142		
				1	12	21.41	0.138		
				1	24	21.31	0.135		
				12	0	20.12	0.103		
				12	6	20.08	0.102		
				12	11	20.06	0.101		
25	0	20.05	0.101						

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 5 (5M)	QPSK	19975	1712.5	1	0	21.98	0.158	
					1	12	21.89	0.155	
					1	24	21.90	0.155	
					12	0	20.90	0.123	
					12	6	20.79	0.120	
					12	13	20.78	0.120	
					25	0	20.75	0.119	
			1	0	22.09	0.162			
			1	12	21.98	0.158			
			1	24	21.84	0.153			
			12	0	20.90	0.123			
			12	6	20.84	0.121			
			12	13	20.81	0.121			
			25	0	20.80	0.120			
			1	0	22.08	0.161			
			1	12	22.00	0.158			
			1	24	21.98	0.158			
			12	0	21.00	0.126			
			12	6	20.99	0.126			
			12	13	20.97	0.125			
			25	0	20.93	0.124			
			1	0	21.18	0.131			
			1	12	21.16	0.131			
			1	24	21.03	0.127			
		12	0	19.91	0.098				
		12	6	19.90	0.098				
		12	13	19.91	0.098				
		25	0	19.80	0.095				
		1	0	21.29	0.135				
		1	12	21.16	0.131				
		1	24	21.03	0.127				
		12	0	19.95	0.099				
		12	6	19.85	0.097				
		12	13	19.81	0.096				
		25	0	19.81	0.096				
		1	0	21.42	0.139				
		1	12	21.26	0.134				
		1	24	21.20	0.132				
		12	0	19.98	0.100				
		12	6	19.92	0.098				
		12	11	19.96	0.099				
		25	0	19.95	0.099				
		16QAM	19975	1712.5	1712.5	1	0	21.18	0.131
						1	12	21.16	0.131
						1	24	21.03	0.127
						12	0	19.91	0.098
						12	6	19.90	0.098
						12	13	19.91	0.098
25	0		19.80	0.095					
1	0		21.29	0.135					
1	12		21.16	0.131					
1	24		21.03	0.127					
12	0		19.95	0.099					
12	6		19.85	0.097					
12	13	19.81	0.096						
25	0	19.81	0.096						
1	0	21.42	0.139						
1	12	21.26	0.134						
1	24	21.20	0.132						
12	0	19.98	0.100						
12	6	19.92	0.098						
12	11	19.96	0.099						
25	0	19.95	0.099						

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 5 (10M)	QPSK	19975	1712.5	1	0	21.97	0.157
					1	12	21.89	0.155
					1	24	21.87	0.154
					12	0	20.91	0.123
					12	6	20.83	0.121
					12	13	20.79	0.120
			25	0	20.79	0.120		
			1	0	22.05	0.160		
			1	12	21.98	0.158		
			1	24	21.87	0.154		
			12	0	20.92	0.124		
			12	6	20.86	0.122		
			12	13	20.77	0.119		
			25	0	20.82	0.121		
			1	0	22.13	0.163		
			1	12	22.02	0.159		
			1	24	21.95	0.157		
			12	0	21.03	0.127		
			12	6	20.99	0.126		
			12	13	20.92	0.124		
			25	0	20.92	0.124		
			1	0	21.26	0.134		
			1	12	21.12	0.129		
			1	24	21.12	0.129		
		12	0	19.95	0.099			
		12	6	19.83	0.096			
		12	13	19.91	0.098			
		25	0	19.80	0.095			
		1	0	21.28	0.134			
		1	12	21.21	0.132			
		1	24	21.01	0.126			
		12	0	20.02	0.100			
		12	6	19.91	0.098			
		12	13	19.88	0.097			
		25	0	19.83	0.096			
		1	0	21.40	0.138			
		1	12	21.30	0.135			
		1	24	21.17	0.131			
		12	0	19.97	0.099			
		12	6	19.98	0.100			
		12	11	19.91	0.098			
		25	0	19.91	0.098			
		16QAM	19975	1712.5	1	0	21.26	0.134
					1	12	21.12	0.129
					1	24	21.12	0.129
					12	0	19.95	0.099
					12	6	19.83	0.096
					12	13	19.91	0.098
25	0		19.80	0.095				
1	0		21.28	0.134				
1	12		21.21	0.132				
1	24		21.01	0.126				
12	0		20.02	0.100				
12	6		19.91	0.098				
12	13		19.88	0.097				
25	0		19.83	0.096				
1	0		21.40	0.138				
1	12		21.30	0.135				
1	24		21.17	0.131				
12	0		19.97	0.099				
12	6		19.98	0.100				
12	11		19.91	0.098				
25	0		19.91	0.098				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 12 (5M)	QPSK	19975	1712.5	1	0	21.96	0.157
					1	12	21.94	0.156
					1	24	21.88	0.154
					12	0	20.99	0.126
					12	6	20.83	0.121
					12	13	20.74	0.119
			25	0	20.66	0.116		
			1	0	22.18	0.165		
			1	12	21.90	0.155		
			1	24	21.86	0.153		
			12	0	20.99	0.126		
			12	6	20.74	0.119		
			12	13	20.84	0.121		
			25	0	20.79	0.120		
			1	0	22.09	0.162		
			1	12	22.05	0.160		
			1	24	21.98	0.158		
			12	0	20.95	0.124		
			12	6	20.98	0.125		
			12	13	21.03	0.127		
			25	0	20.87	0.122		
			1	0	21.13	0.130		
			1	12	21.11	0.129		
			1	24	21.03	0.127		
		12	0	19.92	0.098			
		12	6	20.00	0.100			
		12	13	19.98	0.100			
		25	0	19.73	0.094			
		1	0	21.21	0.132			
		1	12	21.12	0.129			
		1	24	21.12	0.129			
		12	0	19.88	0.097			
		12	6	19.78	0.095			
		12	13	19.72	0.094			
		25	0	19.83	0.096			
		1	0	21.38	0.137			
		1	12	21.27	0.134			
		1	24	21.20	0.132			
		12	0	19.90	0.098			
		12	6	19.98	0.100			
		12	11	19.99	0.100			
		25	0	19.88	0.097			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band12 (10M)	QPSK	19975	1712.5	1	0	21.98	0.158
					1	12	21.92	0.156
					1	24	21.94	0.156
					12	0	20.89	0.123
					12	6	20.72	0.118
					12	13	20.81	0.121
			25	0	20.77	0.119		
			1	0	22.02	0.159		
			1	12	21.92	0.156		
			1	24	21.74	0.149		
			12	0	20.99	0.126		
			12	6	20.88	0.122		
			12	13	20.75	0.119		
			25	0	20.76	0.119		
			1	0	22.05	0.160		
			1	12	22.00	0.158		
			1	24	22.02	0.159		
			12	0	20.90	0.123		
		12	6	20.97	0.125			
		12	13	20.88	0.122			
		25	0	20.84	0.121			
		1	0	21.27	0.134			
		1	12	21.17	0.131			
		1	24	21.07	0.128			
		12	0	19.84	0.096			
		12	6	19.94	0.099			
		12	13	19.84	0.096			
		25	0	19.82	0.096			
		1	0	21.37	0.137			
		1	12	21.19	0.132			
		1	24	21.05	0.127			
		12	0	20.02	0.100			
		12	6	19.94	0.099			
		12	13	19.83	0.096			
		25	0	19.77	0.095			
		1	0	21.42	0.139			
1	12	21.18	0.131					
1	24	21.16	0.131					
12	0	20.05	0.101					
12	6	19.86	0.097					
12	11	20.05	0.101					
25	0	20.00	0.100					
1	0	21.42	0.139					
1	12	21.18	0.131					
1	24	21.16	0.131					
12	0	20.05	0.101					
12	6	19.86	0.097					
12	11	20.05	0.101					
25	0	20.00	0.100					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 29 (3M)	QPSK	19975	1712.5	1	0	21.94	0.156	
					1	12	21.90	0.155	
					1	24	21.98	0.158	
					12	0	20.97	0.125	
					12	6	20.87	0.122	
					12	13	20.69	0.117	
					25	0	20.69	0.117	
			20175	1732.5	1	0	22.08	0.161	
					1	12	21.98	0.158	
					1	24	21.81	0.152	
					12	0	20.82	0.121	
					12	6	20.85	0.122	
					12	13	20.72	0.118	
					25	0	20.73	0.118	
			20375	1752.5	1	0	22.03	0.160	
					1	12	21.97	0.157	
					1	24	21.91	0.155	
					12	0	21.00	0.126	
					12	6	20.94	0.124	
					12	13	20.97	0.125	
					25	0	20.95	0.124	
			16QAM	19975	1712.5	1	0	21.18	0.131
						1	12	21.16	0.131
						1	24	21.10	0.129
		12				0	19.95	0.099	
		12				6	19.84	0.096	
		12				13	19.88	0.097	
		25				0	19.82	0.096	
		20175		1732.5	1	0	21.20	0.132	
					1	12	21.22	0.132	
					1	24	21.12	0.129	
					12	0	19.92	0.098	
					12	6	19.81	0.096	
					12	13	19.72	0.094	
					25	0	19.84	0.096	
		20375		1752.5	1	0	21.40	0.138	
					1	12	21.16	0.131	
					1	24	21.22	0.132	
					12	0	20.02	0.100	
					12	6	19.93	0.098	
					12	11	20.02	0.100	
					25	0	20.02	0.100	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 29 (5M)	QPSK	19975	1712.5	1	0	21.99	0.158	
					1	12	21.80	0.151	
					1	24	21.96	0.157	
					12	0	20.89	0.123	
					12	6	20.86	0.122	
					12	13	20.71	0.118	
					25	0	20.69	0.117	
			20175	1732.5	1	0	22.12	0.163	
					1	12	21.90	0.155	
					1	24	21.82	0.152	
					12	0	20.94	0.124	
					12	6	20.75	0.119	
					12	13	20.80	0.120	
					25	0	20.72	0.118	
			20375	1752.5	1	0	22.16	0.164	
					1	12	21.97	0.157	
					1	24	22.03	0.160	
					12	0	21.06	0.128	
					12	6	20.94	0.124	
					12	13	21.05	0.127	
					25	0	20.85	0.122	
			16QAM	19975	1712.5	1	0	21.28	0.134
						1	12	21.22	0.132
						1	24	21.02	0.126
		12				0	19.95	0.099	
		12				6	19.81	0.096	
		12				13	19.92	0.098	
		25				0	19.75	0.094	
		20175		1732.5	1	0	21.27	0.134	
					1	12	21.25	0.133	
					1	24	21.10	0.129	
					12	0	20.03	0.101	
					12	6	19.78	0.095	
					12	13	19.91	0.098	
					25	0	19.80	0.095	
		20375		1752.5	1	0	21.40	0.138	
					1	12	21.23	0.133	
					1	24	21.21	0.132	
					12	0	19.89	0.097	
					12	6	19.82	0.096	
					12	11	20.00	0.100	
					25	0	20.05	0.101	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 29 (10M)	QPSK	19975	1712.5	1	0	21.96	0.157
					1	12	21.83	0.152
					1	24	21.91	0.155
					12	0	20.81	0.121
					12	6	20.77	0.119
					12	13	20.78	0.120
			25	0	20.67	0.117		
			1	0	22.00	0.158		
			1	12	21.97	0.157		
			1	24	21.77	0.150		
			12	0	20.92	0.124		
			12	6	20.80	0.120		
			12	13	20.73	0.118		
			25	0	20.77	0.119		
			1	0	22.05	0.160		
			1	12	22.04	0.160		
			1	24	21.97	0.157		
			12	0	21.09	0.129		
			12	6	21.03	0.127		
			12	13	20.98	0.125		
			25	0	20.87	0.122		
			1	0	21.14	0.130		
			1	12	21.20	0.132		
			1	24	21.07	0.128		
		12	0	19.84	0.096			
		12	6	19.98	0.100			
		12	13	20.00	0.100			
		25	0	19.70	0.093			
		1	0	21.34	0.136			
		1	12	21.20	0.132			
		1	24	21.08	0.128			
		12	0	19.91	0.098			
		12	6	19.90	0.098			
		12	13	19.71	0.094			
		25	0	19.88	0.097			
		1	0	21.37	0.137			
		1	12	21.25	0.133			
		1	24	21.20	0.132			
		12	0	19.90	0.098			
		12	6	19.95	0.099			
		12	11	19.93	0.098			
		25	0	19.95	0.099			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 30 (5M)	QPSK	19975	1712.5	1	0	21.97	0.157
					1	12	21.92	0.156
					1	24	21.98	0.158
					12	0	20.90	0.123
					12	6	20.77	0.119
					12	13	20.73	0.118
			20175	1732.5	25	0	20.79	0.120
					1	0	22.02	0.159
					1	12	22.04	0.160
					1	24	21.81	0.152
					12	0	20.84	0.121
					12	6	20.83	0.121
			20375	1752.5	12	13	20.73	0.118
					25	0	20.72	0.118
					1	0	22.08	0.161
					1	12	22.07	0.161
					1	24	22.04	0.160
					12	0	20.92	0.124
		16QAM	19975	1712.5	12	6	20.98	0.125
					12	13	21.03	0.127
					25	0	20.93	0.124
					1	0	21.13	0.130
					1	12	21.26	0.134
					1	24	21.05	0.127
			20175	1732.5	12	0	19.95	0.099
					12	6	19.97	0.099
					12	13	19.91	0.098
					25	0	19.83	0.096
					1	0	21.38	0.137
					1	12	21.17	0.131
			20375	1752.5	1	24	21.02	0.126
					12	0	19.96	0.099
					12	6	19.82	0.096
					12	13	19.86	0.097
					25	0	19.82	0.096
					1	0	21.40	0.138
1	12	21.31	0.135					
1	24	21.11	0.129					
12	0	19.94	0.099					
12	6	19.88	0.097					
12	11	19.94	0.099					
25	0	20.00	0.100					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz with CA power Pcc: Band 4 Scc: Band 30 (10M)	QPSK	19975	1712.5	1	0	21.95	0.157
					1	12	21.89	0.155
					1	24	21.92	0.156
					12	0	20.88	0.122
					12	6	20.72	0.118
					12	13	20.85	0.122
			25	0	20.67	0.117		
			1	0	22.01	0.159		
			1	12	21.89	0.155		
			1	24	21.93	0.156		
			12	0	20.89	0.123		
			12	6	20.90	0.123		
			12	13	20.75	0.119		
			25	0	20.88	0.122		
			1	0	22.14	0.164		
			1	12	22.00	0.158		
			1	24	22.02	0.159		
			12	0	20.92	0.124		
			12	6	20.91	0.123		
			12	13	20.90	0.123		
			25	0	20.97	0.125		
			1	0	21.21	0.132		
			1	12	21.26	0.134		
			1	24	21.00	0.126		
		12	0	19.93	0.098			
		12	6	19.81	0.096			
		12	13	19.81	0.096			
		25	0	19.86	0.097			
		1	0	21.20	0.132			
		1	12	21.10	0.129			
		1	24	21.10	0.129			
		12	0	19.92	0.098			
		12	6	19.81	0.096			
		12	13	19.87	0.097			
		25	0	19.85	0.097			
		1	0	21.51	0.142			
		1	12	21.35	0.136			
		1	24	21.28	0.134			
		12	0	19.93	0.098			
		12	6	20.00	0.100			
		12	11	19.91	0.098			
		25	0	19.99	0.100			
		16QAM	19975	1712.5	1	0	21.21	0.132
					1	12	21.26	0.134
					1	24	21.00	0.126
					12	0	19.93	0.098
					12	6	19.81	0.096
					12	13	19.81	0.096
25	0		19.86	0.097				
1	0		21.20	0.132				
1	12		21.10	0.129				
1	24		21.10	0.129				
12	0		19.92	0.098				
12	6		19.81	0.096				
12	13	19.87	0.097					
25	0	19.85	0.097					
20375	1752.5	1	0	21.51	0.142			
		1	12	21.35	0.136			
		1	24	21.28	0.134			
		12	0	19.93	0.098			
		12	6	20.00	0.100			
		12	11	19.91	0.098			
25	0	19.99	0.100					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz	QPSK	2000	1715.0	1	0	22.16	0.164
					1	24	22.15	0.164
					1	49	21.99	0.158
					25	0	21.08	0.128
					25	12	21.08	0.128
					25	25	21.04	0.127
			50	0	21.03	0.127		
			1	0	22.18	0.165		
			1	24	22.18	0.165		
			1	49	22.00	0.158		
			25	0	21.10	0.129		
			25	12	21.07	0.128		
			25	25	21.07	0.128		
			50	0	21.01	0.126		
			1	0	22.21	0.166		
			1	24	22.17	0.165		
			1	49	21.88	0.154		
			25	0	21.09	0.129		
			25	12	21.07	0.128		
			25	25	21.02	0.126		
			50	0	20.97	0.125		
			1	0	21.46	0.140		
			1	24	21.45	0.140		
			1	49	21.28	0.134		
		25	0	20.05	0.101			
		25	12	20.04	0.101			
		25	25	20.02	0.100			
		50	0	19.98	0.100			
		1	0	21.45	0.140			
		1	24	21.45	0.140			
		1	49	21.27	0.134			
		25	0	20.07	0.102			
		25	12	20.07	0.102			
		25	25	20.05	0.101			
		50	0	20.02	0.100			
		1	0	21.52	0.142			
		1	24	21.46	0.140			
		1	49	21.17	0.131			
		25	0	20.05	0.101			
		25	12	20.03	0.101			
		25	25	20.00	0.100			
		50	0	19.94	0.099			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 5 (5M)	QPSK	2000	1715.0	1	0	22.09	0.162
					1	24	22.05	0.160
					1	49	21.87	0.154
					25	0	20.92	0.124
					25	12	20.99	0.126
					25	25	20.90	0.123
			50	0	20.87	0.122		
			1	0	22.06	0.161		
			1	24	22.01	0.159		
			1	49	21.88	0.154		
			25	0	20.93	0.124		
			25	12	20.93	0.124		
			25	25	20.97	0.125		
			50	0	20.87	0.122		
			1	0	22.05	0.160		
			1	24	22.08	0.161		
			1	49	21.73	0.149		
			25	0	20.99	0.126		
		25	12	20.92	0.124			
		25	25	20.87	0.122			
		50	0	20.80	0.120			
		1	0	21.34	0.136			
		1	24	21.37	0.137			
		1	49	21.12	0.129			
		25	0	19.96	0.099			
		25	12	19.96	0.099			
		25	25	19.87	0.097			
		50	0	19.83	0.096			
		1	0	21.34	0.136			
		1	24	21.29	0.135			
		1	49	21.14	0.130			
		25	0	19.96	0.099			
		25	12	19.96	0.099			
		25	25	19.90	0.098			
		50	0	19.94	0.099			
		1	0	21.44	0.139			
		1	24	21.30	0.135			
		1	49	21.10	0.129			
		25	0	19.95	0.099			
		25	12	19.90	0.098			
		25	25	19.93	0.098			
		50	0	19.82	0.096			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 5 (10M)	QPSK	2000	1715.0	1	0	21.99	0.158
					1	24	22.06	0.161
					1	49	21.83	0.152
					25	0	20.97	0.125
					25	12	20.99	0.126
					25	25	20.91	0.123
					50	0	20.93	0.124
					1	0	22.09	0.162
			20175	1732.5	1	24	22.08	0.161
					1	49	21.89	0.155
					25	0	21.00	0.126
					25	12	20.97	0.125
					25	25	20.97	0.125
					50	0	20.90	0.123
					1	0	22.14	0.164
					1	24	22.08	0.161
			20350	1750.0	1	49	21.76	0.150
					25	0	20.93	0.124
					25	12	20.99	0.126
					25	25	20.90	0.123
					50	0	20.82	0.121
					1	0	21.29	0.135
					1	24	21.35	0.136
					1	49	21.14	0.130
		16QAM	2000	1715.0	25	0	19.91	0.098
					25	12	19.94	0.099
					25	25	19.95	0.099
					50	0	19.90	0.098
					1	0	21.29	0.135
					1	24	21.37	0.137
					1	49	21.10	0.129
					25	0	19.93	0.098
			20175	1732.5	25	12	19.95	0.099
					25	25	19.92	0.098
					50	0	19.86	0.097
					1	0	21.36	0.137
					1	24	21.34	0.136
					1	49	21.09	0.129
					25	0	19.97	0.099
					25	12	19.88	0.097
			20350	1750.0	25	25	19.89	0.097
					50	0	19.79	0.095

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 12 (5M)	QPSK	2000	1715.0	1	0	21.99	0.158
					1	24	22.07	0.161
					1	49	21.84	0.153
					25	0	20.83	0.121
					25	12	20.89	0.123
					25	25	20.87	0.122
			50	0	20.84	0.121		
			1	0	22.12	0.163		
			1	24	22.10	0.162		
			1	49	21.85	0.153		
			25	0	20.89	0.123		
			25	12	20.86	0.122		
			25	25	21.03	0.127		
			50	0	20.90	0.123		
			1	0	22.14	0.164		
			1	24	22.08	0.161		
			1	49	21.63	0.146		
			25	0	20.97	0.125		
			25	12	20.98	0.125		
			25	25	20.95	0.124		
			50	0	20.89	0.123		
			1	0	21.25	0.133		
			1	24	21.35	0.136		
			1	49	21.18	0.131		
		25	0	19.93	0.098			
		25	12	19.87	0.097			
		25	25	19.89	0.097			
		50	0	19.83	0.096			
		1	0	21.39	0.138			
		1	24	21.25	0.133			
		1	49	21.07	0.128			
		25	0	19.96	0.099			
		25	12	19.88	0.097			
		25	25	19.97	0.099			
		50	0	19.93	0.098			
		1	0	21.36	0.137			
		1	24	21.39	0.138			
		1	49	21.18	0.131			
		25	0	19.96	0.099			
		25	12	19.85	0.097			
		25	25	19.92	0.098			
		50	0	19.73	0.094			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band12 (10M)	QPSK	2000	1715.0	1	0	22.14	0.164
					1	24	22.11	0.163
					1	49	21.91	0.155
					25	0	20.85	0.122
					25	12	20.91	0.123
					25	25	20.93	0.124
			50	0	20.84	0.121		
			1	0	22.13	0.163		
			1	24	22.10	0.162		
			1	49	21.85	0.153		
			25	0	20.83	0.121		
			25	12	20.85	0.122		
			25	25	20.95	0.124		
			50	0	20.78	0.120		
			1	0	22.02	0.159		
			1	24	22.08	0.161		
			1	49	21.75	0.150		
			25	0	20.94	0.124		
		25	12	20.87	0.122			
		25	25	20.78	0.120			
		50	0	20.80	0.120			
		1	0	21.34	0.136			
		1	24	21.31	0.135			
		1	49	21.07	0.128			
		25	0	19.87	0.097			
		25	12	19.90	0.098			
		25	25	19.81	0.096			
		50	0	19.86	0.097			
		1	0	21.29	0.135			
		1	24	21.36	0.137			
		1	49	21.24	0.133			
		25	0	19.87	0.097			
		25	12	19.98	0.100			
		25	25	19.96	0.099			
		50	0	19.93	0.098			
		1	0	21.47	0.140			
1	24	21.25	0.133					
1	49	21.01	0.126					
25	0	19.99	0.100					
25	12	19.94	0.099					
25	25	19.89	0.097					
50	0	19.77	0.095					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 29 (3M)	QPSK	2000	1715.0	1	0	22.02	0.159	
					1	24	22.09	0.162	
					1	49	21.96	0.157	
					25	0	20.93	0.124	
					25	12	21.08	0.128	
					25	25	20.88	0.122	
			20175	1732.5	50	0	20.92	0.124	
					1	0	21.98	0.158	
					1	24	21.91	0.155	
					1	49	21.86	0.153	
					25	0	20.87	0.122	
					25	12	20.91	0.123	
			20350	1750.0	25	25	21.05	0.127	
					50	0	20.84	0.121	
					1	0	21.95	0.157	
					1	24	22.16	0.164	
					1	49	21.72	0.149	
					25	0	20.93	0.124	
			16QAM	2000	1715.0	25	12	20.95	0.124
						25	25	20.88	0.122
						50	0	20.89	0.123
						1	0	21.37	0.137
						1	24	21.47	0.140
						1	49	21.16	0.131
		20175		1732.5	25	0	19.89	0.097	
					25	12	19.87	0.097	
					25	25	19.85	0.097	
					50	0	19.86	0.097	
					1	0	21.31	0.135	
					1	24	21.28	0.134	
		20350		1750.0	1	49	21.05	0.127	
					25	0	19.89	0.097	
					25	12	20.00	0.100	
					25	25	19.86	0.097	
					50	0	20.02	0.100	
					1	0	21.40	0.138	
		2000		1715.0	1	24	21.24	0.133	
					1	49	21.12	0.129	
					25	0	19.86	0.097	
					25	12	19.97	0.099	
					25	25	19.98	0.100	
					50	0	19.73	0.094	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 29 (5M)	QPSK	2000	1715.0	1	0	22.07	0.161
					1	24	22.08	0.161
					1	49	21.85	0.153
					25	0	21.00	0.126
					25	12	20.98	0.125
					25	25	20.85	0.122
			50	0	20.90	0.123		
			1	0	22.07	0.161		
			1	24	21.98	0.158		
			1	49	21.86	0.153		
			25	0	20.91	0.123		
			25	12	20.91	0.123		
			25	25	20.90	0.123		
			50	0	20.77	0.119		
			1	0	22.07	0.161		
			1	24	22.13	0.163		
			1	49	21.81	0.152		
			25	0	20.98	0.125		
			25	12	20.98	0.125		
			25	25	20.92	0.124		
			50	0	20.83	0.121		
			1	0	21.41	0.138		
			1	24	21.44	0.139		
			1	49	21.09	0.129		
		25	0	19.96	0.099			
		25	12	19.90	0.098			
		25	25	19.94	0.099			
		50	0	19.80	0.095			
		1	0	21.28	0.134			
		1	24	21.33	0.136			
		1	49	21.08	0.128			
		25	0	20.02	0.100			
		25	12	19.91	0.098			
		25	25	19.84	0.096			
		50	0	19.86	0.097			
		1	0	21.43	0.139			
		1	24	21.32	0.136			
		1	49	21.18	0.131			
		25	0	19.90	0.098			
		25	12	19.97	0.099			
		25	25	19.98	0.100			
		50	0	19.73	0.094			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 29 (10M)	QPSK	2000	1715.0	1	0	22.16	0.164
					1	24	22.11	0.163
					1	49	21.80	0.151
					25	0	20.86	0.122
					25	12	20.95	0.124
					25	25	20.96	0.125
			50	0	20.87	0.122		
			1	0	22.11	0.163		
			1	24	21.96	0.157		
			1	49	21.83	0.152		
			25	0	20.89	0.123		
			25	12	21.02	0.126		
			25	25	20.93	0.124		
			50	0	20.84	0.121		
			1	0	22.08	0.161		
			1	24	21.98	0.158		
			1	49	21.68	0.147		
			25	0	21.06	0.128		
		25	12	20.91	0.123			
		25	25	20.77	0.119			
		50	0	20.73	0.118			
		1	0	21.26	0.134			
		1	24	21.42	0.139			
		1	49	21.09	0.129			
		25	0	20.04	0.101			
		25	12	19.89	0.097			
		25	25	19.96	0.099			
		50	0	19.80	0.095			
		1	0	21.43	0.139			
		1	24	21.34	0.136			
		1	49	21.05	0.127			
		25	0	19.96	0.099			
		25	12	19.93	0.098			
		25	25	19.93	0.098			
		50	0	19.96	0.099			
		1	0	21.53	0.142			
		1	24	21.25	0.133			
		1	49	21.16	0.131			
		25	0	19.93	0.098			
		25	12	19.98	0.100			
		25	25	19.95	0.099			
		50	0	19.82	0.096			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 30 (5M)	QPSK	2000	1715.0	1	0	22.13	0.163
					1	24	22.11	0.163
					1	49	21.90	0.155
					25	0	20.91	0.123
					25	12	20.94	0.124
					25	25	20.93	0.124
			50	0	20.89	0.123		
			1	0	22.11	0.163		
			1	24	22.03	0.160		
			1	49	21.95	0.157		
			25	0	21.01	0.126		
			25	12	20.88	0.122		
			25	25	20.89	0.123		
			50	0	20.78	0.120		
			1	0	22.10	0.162		
			1	24	22.16	0.164		
			1	49	21.69	0.148		
			25	0	20.91	0.123		
			25	12	21.01	0.126		
			25	25	20.85	0.122		
			50	0	20.76	0.119		
			1	0	21.27	0.134		
			1	24	21.34	0.136		
			1	49	21.10	0.129		
		25	0	19.91	0.098			
		25	12	19.98	0.100			
		25	25	19.87	0.097			
		50	0	19.77	0.095			
		1	0	21.29	0.135			
		1	24	21.33	0.136			
		1	49	21.22	0.132			
		25	0	20.04	0.101			
		25	12	19.94	0.099			
		25	25	19.89	0.097			
		50	0	19.85	0.097			
		1	0	21.38	0.137			
		1	24	21.37	0.137			
		1	49	21.15	0.130			
		25	0	19.97	0.099			
		25	12	19.98	0.100			
		25	25	19.91	0.098			
		50	0	19.73	0.094			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz with CA power Pcc: Band 4 Scc: Band 30 (10M)	QPSK	2000	1715.0	1	0	22.12	0.163
					1	24	22.13	0.163
					1	49	21.82	0.152
					25	0	20.92	0.124
					25	12	21.08	0.128
					25	25	20.98	0.125
			50	0	20.82	0.121		
			1	0	22.13	0.163		
			1	24	21.95	0.157		
			1	49	21.80	0.151		
			25	0	20.98	0.125		
			25	12	20.90	0.123		
			25	25	21.05	0.127		
			50	0	20.79	0.120		
			1	0	21.95	0.157		
			1	24	22.16	0.164		
			1	49	21.71	0.148		
			25	0	21.01	0.126		
			25	12	20.87	0.122		
			25	25	20.91	0.123		
			50	0	20.82	0.121		
			1	0	21.37	0.137		
			1	24	21.45	0.140		
			1	49	21.13	0.130		
		25	0	19.90	0.098			
		25	12	20.04	0.101			
		25	25	19.91	0.098			
		50	0	19.79	0.095			
		1	0	21.25	0.133			
		1	24	21.32	0.136			
		1	49	21.10	0.129			
		25	0	19.96	0.099			
		25	12	20.04	0.101			
		25	25	19.88	0.097			
		50	0	19.87	0.097			
		1	0	21.38	0.137			
		1	24	21.34	0.136			
		1	49	21.01	0.126			
		25	0	20.03	0.101			
		25	12	19.87	0.097			
		25	25	20.03	0.101			
		50	0	19.84	0.096			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz	QPSK	20025	1717.5	1	0	21.86	0.153
					1	38	21.78	0.151
					1	74	21.69	0.148
					38	0	21.05	0.127
					38	18	20.99	0.126
					38	37	20.97	0.125
					75	0	20.94	0.124
					1	0	21.78	0.151
			20175	1732.5	1	38	21.76	0.150
					1	74	21.68	0.147
					38	0	21.09	0.129
					38	18	20.98	0.125
					38	37	20.95	0.124
					75	0	20.90	0.123
					1	0	21.82	0.152
					1	38	21.77	0.150
			20325	1747.5	1	74	21.76	0.150
					38	0	21.16	0.131
					38	18	21.06	0.128
					38	37	21.05	0.127
					75	0	20.95	0.124
					1	0	21.36	0.137
					1	38	21.03	0.127
					1	74	20.87	0.122
		16QAM	20025	1717.5	38	0	20.00	0.100
					38	18	19.96	0.099
					38	37	19.94	0.099
					75	0	19.93	0.098
					1	0	21.30	0.135
					1	38	20.99	0.126
					1	74	20.90	0.123
					38	0	20.08	0.102
			20175	1732.5	38	18	19.97	0.099
					38	37	19.94	0.099
					75	0	19.94	0.099
					1	0	21.41	0.138
					1	38	21.03	0.127
					1	74	21.01	0.126
					38	0	20.11	0.103
					38	18	20.04	0.101
			20325	1747.5	38	37	20.00	0.100
					75	0	19.92	0.098

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz with CA power Pcc: Band 4 Scc: Band 5 (5M)	QPSK	20025	1717.5	1	0	21.74	0.149
					1	38	21.65	0.146
					1	74	21.51	0.142
					38	0	20.90	0.123
					38	18	20.81	0.121
					38	37	20.86	0.122
			75	0	20.76	0.119		
			1	0	21.62	0.145		
			1	38	21.64	0.146		
			1	74	21.53	0.142		
			38	0	20.93	0.124		
			38	18	20.82	0.121		
			38	37	20.78	0.120		
			75	0	20.72	0.118		
			1	0	21.67	0.147		
			1	38	21.60	0.145		
			1	74	21.61	0.145		
			38	0	21.05	0.127		
			38	18	20.96	0.125		
			38	37	20.94	0.124		
			75	0	20.79	0.120		
			1	0	21.23	0.133		
			1	38	20.87	0.122		
			1	74	20.70	0.117		
		38	0	19.90	0.098			
		38	18	19.83	0.096			
		38	37	19.83	0.096			
		75	0	19.83	0.096			
		1	0	21.11	0.129			
		1	38	20.80	0.120			
		1	74	20.80	0.120			
		38	0	19.93	0.098			
		38	18	19.87	0.097			
		38	37	19.80	0.095			
		75	0	19.79	0.095			
		1	0	21.31	0.135			
		1	38	20.91	0.123			
		1	74	20.85	0.122			
		38	0	19.94	0.099			
		38	18	19.89	0.097			
		38	37	19.87	0.097			
		75	0	19.75	0.094			
		16QAM	20025	1717.5	1	0	21.23	0.133
					1	38	20.87	0.122
					1	74	20.70	0.117
					38	0	19.90	0.098
					38	18	19.83	0.096
					38	37	19.83	0.096
75	0		19.83	0.096				
1	0		21.11	0.129				
1	38		20.80	0.120				
1	74		20.80	0.120				
38	0		19.93	0.098				
38	18		19.87	0.097				
38	37	19.80	0.095					
75	0	19.79	0.095					
20325	1747.5	1	0	21.31	0.135			
		1	38	20.91	0.123			
		1	74	20.85	0.122			
		38	0	19.94	0.099			
		38	18	19.89	0.097			
		38	37	19.87	0.097			
75	0	19.75	0.094					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz with CA power Pcc: Band 4 Scc: Band 5 (10M)	QPSK	20025	1717.5	1	0	21.72	0.149
					1	38	21.67	0.147
					1	74	21.52	0.142
					38	0	20.91	0.123
					38	18	20.81	0.121
					38	37	20.81	0.121
			75	0	20.79	0.120		
			1	0	21.67	0.147		
			1	38	21.65	0.146		
			1	74	21.56	0.143		
			38	0	20.99	0.126		
			38	18	20.81	0.121		
			38	37	20.82	0.121		
			75	0	20.73	0.118		
			1	0	21.71	0.148		
			1	38	21.65	0.146		
			1	74	21.59	0.144		
			38	0	21.06	0.128		
		38	18	20.93	0.124			
		38	37	20.90	0.123			
		75	0	20.82	0.121			
		1	0	21.24	0.133			
		1	38	20.87	0.122			
		1	74	20.75	0.119			
		38	0	19.89	0.097			
		38	18	19.78	0.095			
		38	37	19.76	0.095			
		75	0	19.75	0.094			
		1	0	21.16	0.131			
		1	38	20.83	0.121			
		1	74	20.80	0.120			
		38	0	19.90	0.098			
		38	18	19.86	0.097			
		38	37	19.78	0.095			
		75	0	19.79	0.095			
		1	0	21.24	0.133			
		1	38	20.85	0.122			
		1	74	20.85	0.122			
		38	0	20.01	0.100			
		38	18	19.92	0.098			
		38	37	19.85	0.097			
		75	0	19.83	0.096			
16QAM	20025	1717.5	1	0	21.24	0.133		
			1	38	20.87	0.122		
			1	74	20.75	0.119		
			38	0	19.89	0.097		
			38	18	19.78	0.095		
			38	37	19.76	0.095		
	75	0	19.75	0.094				
	1	0	21.16	0.131				
	1	38	20.83	0.121				
	1	74	20.80	0.120				
	38	0	19.90	0.098				
	38	18	19.86	0.097				
	38	37	19.78	0.095				
	75	0	19.79	0.095				
	1	0	21.24	0.133				
	1	38	20.85	0.122				
	1	74	20.85	0.122				
	38	0	20.01	0.100				
38	18	19.92	0.098					
38	37	19.85	0.097					
75	0	19.83	0.096					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz with CA power Pcc: Band 4 Scc: Band 12 (5M)	QPSK	20025	1717.5	1	0	21.68	0.147
					1	38	21.71	0.148
					1	74	21.44	0.139
					38	0	20.84	0.121
					38	18	20.88	0.122
					38	37	20.93	0.124
			75	0	20.72	0.118		
			1	0	21.66	0.147		
			1	38	21.56	0.143		
			1	74	21.52	0.142		
			38	0	20.91	0.123		
			38	18	20.81	0.121		
			38	37	20.72	0.118		
			75	0	20.72	0.118		
			1	0	21.71	0.148		
			1	38	21.58	0.144		
			1	74	21.62	0.145		
			38	0	21.09	0.129		
			38	18	20.93	0.124		
			38	37	20.89	0.123		
			75	0	20.84	0.121		
			1	0	21.31	0.135		
			1	38	20.90	0.123		
			1	74	20.68	0.117		
		38	0	19.94	0.099			
		38	18	19.74	0.094			
		38	37	19.84	0.096			
		75	0	19.90	0.098			
		1	0	21.16	0.131			
		1	38	20.83	0.121			
		1	74	20.79	0.120			
		38	0	19.84	0.096			
		38	18	19.86	0.097			
		38	37	19.88	0.097			
		75	0	19.69	0.093			
		1	0	21.37	0.137			
		1	38	20.94	0.124			
		1	74	20.92	0.124			
		38	0	19.87	0.097			
		38	18	19.99	0.100			
		38	37	19.84	0.096			
		75	0	19.67	0.093			
		16QAM	20025	1717.5	1	0	21.31	0.135
					1	38	20.90	0.123
					1	74	20.68	0.117
					38	0	19.94	0.099
					38	18	19.74	0.094
					38	37	19.84	0.096
75	0		19.90	0.098				
1	0		21.16	0.131				
1	38		20.83	0.121				
1	74		20.79	0.120				
38	0		19.84	0.096				
38	18		19.86	0.097				
38	37	19.88	0.097					
75	0	19.69	0.093					
20325	1747.5	1	0	21.37	0.137			
		1	38	20.94	0.124			
		1	74	20.92	0.124			
		38	0	19.87	0.097			
		38	18	19.99	0.100			
		38	37	19.84	0.096			
75	0	19.67	0.093					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz with CA power Pcc: Band 4 Scc: Band12 (10M)	QPSK	20025	1717.5	1	0	21.75	0.150
					1	38	21.65	0.146
					1	74	21.55	0.143
					38	0	20.92	0.124
					38	18	20.76	0.119
					38	37	20.91	0.123
			20175	1732.5	75	0	20.77	0.119
					1	0	21.59	0.144
					1	38	21.56	0.143
					1	74	21.53	0.142
					38	0	21.02	0.126
					38	18	20.91	0.123
			20325	1747.5	38	37	20.77	0.119
					75	0	20.80	0.120
					1	0	21.64	0.146
					1	38	21.68	0.147
					1	74	21.67	0.147
					38	0	21.03	0.127
		16QAM	20025	1717.5	38	18	20.99	0.126
					38	37	21.03	0.127
					75	0	20.77	0.119
					1	0	21.29	0.135
					1	38	20.88	0.122
					1	74	20.66	0.116
			20175	1732.5	38	0	19.93	0.098
					38	18	19.87	0.097
					38	37	19.86	0.097
					75	0	19.74	0.094
					1	0	21.08	0.128
					1	38	20.83	0.121
			20325	1747.5	1	74	20.73	0.118
					38	0	19.84	0.096
					38	18	19.85	0.097
					38	37	19.78	0.095
					75	0	19.86	0.097
					1	0	21.29	0.135
20325	1747.5	1	38	20.90	0.123			
		1	74	20.94	0.124			
		38	0	19.98	0.100			
		38	18	19.80	0.095			
		38	37	19.93	0.098			
		75	0	19.67	0.093			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz with CA power Pcc: Band 4 Scc: Band 30 (5M)	QPSK	20025	1717.5	1	0	21.79	0.151
					1	38	21.55	0.143
					1	74	21.55	0.143
					38	0	20.93	0.124
					38	18	20.89	0.123
					38	37	20.91	0.123
			75	0	20.69	0.117		
			1	0	21.67	0.147		
			1	38	21.59	0.144		
			1	74	21.51	0.142		
			38	0	20.84	0.121		
			38	18	20.78	0.120		
			38	37	20.81	0.121		
			75	0	20.74	0.119		
			1	0	21.57	0.144		
			1	38	21.61	0.145		
			1	74	21.58	0.144		
			38	0	21.02	0.126		
		38	18	20.90	0.123			
		38	37	20.99	0.126			
		75	0	20.71	0.118			
		1	0	21.29	0.135			
		1	38	20.85	0.122			
		1	74	20.73	0.118			
		38	0	19.85	0.097			
		38	18	19.91	0.098			
		38	37	19.84	0.096			
		75	0	19.81	0.096			
		1	0	21.06	0.128			
		1	38	20.89	0.123			
		1	74	20.77	0.119			
		38	0	19.84	0.096			
		38	18	19.78	0.095			
		38	37	19.83	0.096			
		75	0	19.87	0.097			
		1	0	21.25	0.133			
		1	38	20.89	0.123			
		1	74	20.91	0.123			
		38	0	20.03	0.101			
		38	18	19.95	0.099			
		38	37	19.80	0.095			
		75	0	19.73	0.094			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz with CA power Pcc: Band 4 Scc: Band 30 (10M)	QPSK	20025	1717.5	1	0	21.76	0.150
					1	38	21.74	0.149
					1	74	21.60	0.145
					38	0	20.98	0.125
					38	18	20.83	0.121
					38	37	20.79	0.120
			20175	1732.5	75	0	20.79	0.120
					1	0	21.71	0.148
					1	38	21.56	0.143
					1	74	21.62	0.145
					38	0	20.86	0.122
					38	18	20.90	0.123
			20325	1747.5	38	37	20.88	0.122
					75	0	20.82	0.121
					1	0	21.77	0.150
					1	38	21.53	0.142
					1	74	21.62	0.145
					38	0	21.10	0.129
		16QAM	20025	1717.5	38	18	20.87	0.122
					38	37	20.89	0.123
					75	0	20.75	0.119
					1	0	21.21	0.132
					1	38	20.83	0.121
					1	74	20.61	0.115
			20175	1732.5	38	0	19.83	0.096
					38	18	19.93	0.098
					38	37	19.81	0.096
					75	0	19.92	0.098
					1	0	21.06	0.128
					1	38	20.89	0.123
			20325	1747.5	1	74	20.85	0.122
					38	0	19.91	0.098
					38	18	19.96	0.099
					38	37	19.84	0.096
					75	0	19.76	0.095
					1	0	21.37	0.137
20025	1717.5	1	38	20.89	0.123			
		1	74	20.80	0.120			
		38	0	19.85	0.097			
		38	18	19.92	0.098			
		38	37	19.95	0.099			
		75	0	19.82	0.096			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz	QPSK	20050	1720.0	1	0	21.98	0.158
					1	49	21.81	0.152
					1	99	21.77	0.150
					50	0	21.07	0.128
					50	25	21.00	0.126
					50	50	20.99	0.126
					100	0	20.94	0.124
					1	0	22.05	0.160
			20175	1732.5	1	49	21.80	0.151
					1	99	21.76	0.150
					50	0	21.45	0.140
					50	25	20.92	0.124
					50	50	20.89	0.123
					100	0	20.87	0.122
					1	0	22.10	0.162
					1	49	21.93	0.156
			20300	1745.0	1	99	21.92	0.156
					50	0	21.13	0.130
					50	25	21.07	0.128
					50	50	21.04	0.127
					100	0	21.00	0.126
					1	0	21.28	0.134
					1	49	21.05	0.127
					1	99	21.01	0.126
		16QAM	20050	1720.0	50	0	20.04	0.101
					50	25	19.97	0.099
					50	50	19.94	0.099
					100	0	19.92	0.098
					1	0	21.32	0.136
					1	49	21.05	0.127
					1	99	21.03	0.127
					50	0	20.05	0.101
			20175	1732.5	50	25	19.91	0.098
					50	50	19.90	0.098
					100	0	19.87	0.097
					1	0	21.38	0.137
					1	49	21.26	0.134
					1	99	21.18	0.131
					50	0	20.16	0.104
					50	25	20.05	0.101
			20300	1745.0	50	50	20.03	0.101
					100	0	20.02	0.100

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz with CA power Pcc: Band 4 Scc: Band 5 (5M)	QPSK	20050	1720.0	1	0	21.78	0.151
					1	49	21.66	0.147
					1	99	21.58	0.144
					50	0	20.93	0.124
					50	25	20.85	0.122
					50	50	20.79	0.120
			100	0	20.79	0.120		
			1	0	21.87	0.154		
			1	49	21.59	0.144		
			1	99	21.62	0.145		
			50	0	20.92	0.124		
			50	25	20.74	0.119		
			50	50	20.74	0.119		
			100	0	20.70	0.117		
			1	0	21.96	0.157		
			1	49	21.75	0.150		
			1	99	21.75	0.150		
			50	0	20.99	0.126		
		50	25	20.91	0.123			
		50	50	20.90	0.123			
		100	0	20.89	0.123			
		1	0	21.10	0.129			
		1	49	20.86	0.122			
		1	99	20.89	0.123			
		50	0	19.86	0.097			
		50	25	19.84	0.096			
		50	50	19.74	0.094			
		100	0	19.78	0.095			
		1	0	21.17	0.131			
		1	49	20.90	0.123			
		1	99	20.86	0.122			
		50	0	19.90	0.098			
		50	25	19.79	0.095			
		50	50	19.76	0.095			
		100	0	19.68	0.093			
		1	0	21.26	0.134			
1	49	21.12	0.129					
1	99	21.01	0.126					
50	0	20.04	0.101					
50	25	19.86	0.097					
50	50	19.89	0.097					
100	0	19.82	0.096					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 4	20 MHz with CA power Pcc: Band 4 Scc: Band 5 (10M)	QPSK	20050	1720.0	1	0	21.78	0.151	
					1	49	21.66	0.147	
					1	99	21.63	0.146	
					50	0	20.89	0.123	
					50	25	20.83	0.121	
					50	50	20.85	0.122	
					100	0	20.82	0.121	
			20175	1732.5	1	0	21.87	0.154	
					1	49	21.61	0.145	
					1	99	21.65	0.146	
					50	0	20.85	0.122	
					50	25	20.81	0.121	
					50	50	20.73	0.118	
					100	0	20.69	0.117	
			20300	1745.0	1	0	21.89	0.155	
					1	49	21.73	0.149	
					1	99	21.77	0.150	
					50	0	20.97	0.125	
					50	25	20.96	0.125	
					50	50	20.91	0.123	
					100	0	20.80	0.120	
			16QAM	20050	1720.0	1	0	21.10	0.129
						1	49	20.88	0.122
						1	99	20.87	0.122
		50				0	19.88	0.097	
		50				25	19.80	0.095	
		50				50	19.80	0.095	
		100				0	19.73	0.094	
		20175		1732.5	1	0	21.16	0.131	
					1	49	20.86	0.122	
					1	99	20.90	0.123	
					50	0	19.85	0.097	
					50	25	19.80	0.095	
					50	50	19.71	0.094	
					100	0	19.68	0.093	
		20300		1745.0	1	0	21.25	0.133	
					1	49	21.09	0.129	
					1	99	20.99	0.126	
					50	0	20.04	0.101	
					50	25	19.86	0.097	
					50	50	19.85	0.097	
					100	0	19.84	0.096	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz with CA power Pcc: Band 4 Scc: Band 12 (5M)	QPSK	20050	1720.0	1	0	21.72	0.149
					1	49	21.63	0.146
					1	99	21.66	0.147
					50	0	20.98	0.125
					50	25	20.87	0.122
					50	50	20.86	0.122
					100	0	20.71	0.118
					1	0	21.89	0.155
			1	49	21.52	0.142		
			1	99	21.58	0.144		
			50	0	20.85	0.122		
			50	25	20.72	0.118		
			50	50	20.79	0.120		
			100	0	20.75	0.119		
			1	0	21.86	0.153		
			1	49	21.74	0.149		
			1	99	21.75	0.150		
			50	0	21.03	0.127		
			50	25	20.84	0.121		
			50	50	20.88	0.122		
			100	0	20.81	0.121		
			1	0	21.11	0.129		
			1	49	20.85	0.122		
			1	99	20.90	0.123		
		50	0	19.90	0.098			
		50	25	19.87	0.097			
		50	50	19.83	0.096			
		100	0	19.88	0.097			
		1	0	21.15	0.130			
		1	49	20.80	0.120			
		1	99	20.95	0.124			
		50	0	19.89	0.097			
		50	25	19.81	0.096			
		50	50	19.71	0.094			
		100	0	19.76	0.095			
		1	0	21.21	0.132			
		1	49	21.03	0.127			
		1	99	21.00	0.126			
		50	0	20.04	0.101			
		50	25	19.91	0.098			
		50	50	19.88	0.097			
		100	0	19.75	0.094			
		16QAM	20050	1720.0	1	0	21.11	0.129
					1	49	20.85	0.122
					1	99	20.90	0.123
					50	0	19.90	0.098
			50	25	19.87	0.097		
			50	50	19.83	0.096		
100	0		19.88	0.097				
1	0		21.15	0.130				
1	49		20.80	0.120				
1	99		20.95	0.124				
50	0		19.89	0.097				
50	25		19.81	0.096				
50	50	19.71	0.094					
100	0	19.76	0.095					
20300	1745.0	1	0	21.21	0.132			
		1	49	21.03	0.127			
		1	99	21.00	0.126			
		50	0	20.04	0.101			
		50	25	19.91	0.098			
		50	50	19.88	0.097			
		100	0	19.75	0.094			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz with CA power Pcc: Band 4 Scc: Band12 (10M)	QPSK	20050	1720.0	1	0	21.83	0.152
					1	49	21.67	0.147
					1	99	21.49	0.141
					50	0	21.02	0.126
					50	25	20.78	0.120
					50	50	20.83	0.121
			100	0	20.72	0.118		
			1	0	21.97	0.157		
			1	49	21.64	0.146		
			1	99	21.58	0.144		
			50	0	20.91	0.123		
			50	25	20.78	0.120		
			50	50	20.67	0.117		
			100	0	20.79	0.120		
			1	0	21.93	0.156		
			1	49	21.81	0.152		
			1	99	21.66	0.147		
			50	0	21.03	0.127		
		50	25	20.95	0.124			
		50	50	20.96	0.125			
		100	0	20.98	0.125			
		1	0	21.13	0.130			
		1	49	20.95	0.124			
		1	99	20.83	0.121			
		50	0	19.92	0.098			
		50	25	19.89	0.097			
		50	50	19.69	0.093			
		100	0	19.79	0.095			
		1	0	21.13	0.130			
		1	49	20.94	0.124			
		1	99	20.90	0.123			
		50	0	19.97	0.099			
		50	25	19.70	0.093			
		50	50	19.73	0.094			
		100	0	19.69	0.093			
		1	0	21.17	0.131			
1	49	21.12	0.129					
1	99	20.92	0.124					
50	0	20.09	0.102					
50	25	19.76	0.095					
50	50	19.87	0.097					
100	0	19.88	0.097					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz with CA power Pcc: Band 4 Scc: Band 30 (5M)	QPSK	20050	1720.0	1	0	21.71	0.148
					1	49	21.70	0.148
					1	99	21.51	0.142
					50	0	21.02	0.126
					50	25	20.88	0.122
					50	50	20.73	0.118
			100	0	20.83	0.121		
			1	0	21.90	0.155		
			1	49	21.61	0.145		
			1	99	21.67	0.147		
			50	0	20.86	0.122		
			50	25	20.75	0.119		
			50	50	20.70	0.117		
			100	0	20.75	0.119		
			1	0	21.92	0.156		
			1	49	21.73	0.149		
			1	99	21.65	0.146		
			50	0	21.03	0.127		
			50	25	20.82	0.121		
			50	50	20.83	0.121		
			100	0	20.82	0.121		
			1	0	21.06	0.128		
			1	49	20.96	0.125		
			1	99	20.83	0.121		
		50	0	19.94	0.099			
		50	25	19.78	0.095			
		50	50	19.65	0.092			
		100	0	19.84	0.096			
		1	0	21.08	0.128			
		1	49	20.86	0.122			
		1	99	20.81	0.121			
		50	0	19.94	0.099			
		50	25	19.81	0.096			
		50	50	19.82	0.096			
		100	0	19.78	0.095			
		1	0	21.30	0.135			
		1	49	21.16	0.131			
		1	99	20.92	0.124			
		50	0	20.10	0.102			
		50	25	19.81	0.096			
		50	50	19.91	0.098			
		100	0	19.80	0.095			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz with CA power Pcc: Band 4 Scc: Band 30 (10M)	QPSK	20050	1720.0	1	0	21.68	0.147
					1	49	21.57	0.144
					1	99	21.65	0.146
					50	0	20.90	0.123
					50	25	20.92	0.124
					50	50	20.70	0.117
			100	0	20.70	0.117		
			20175	1732.5	1	0	21.93	0.156
					1	49	21.67	0.147
					1	99	21.62	0.145
					50	0	20.93	0.124
					50	25	20.77	0.119
					50	50	20.69	0.117
			100	0	20.66	0.116		
			20300	1745.0	1	0	21.95	0.157
					1	49	21.79	0.151
					1	99	21.78	0.151
					50	0	20.95	0.124
		50			25	20.84	0.121	
		50			50	20.88	0.122	
		100	0	20.87	0.122			
		16QAM	20050	1720.0	1	0	21.00	0.126
					1	49	20.94	0.124
					1	99	20.83	0.121
					50	0	19.79	0.095
					50	25	19.91	0.098
					50	50	19.83	0.096
			100	0	19.74	0.094		
			20175	1732.5	1	0	21.20	0.132
					1	49	20.89	0.123
					1	99	20.77	0.119
					50	0	19.95	0.099
					50	25	19.79	0.095
					50	50	19.74	0.094
			100	0	19.73	0.094		
			20300	1745.0	1	0	21.35	0.136
1	49				21.19	0.132		
1	99				21.10	0.129		
50	0				19.96	0.099		
50	25	19.96			0.099			
50	50	19.85			0.097			
100	0	19.91	0.098					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	1.4 MHz	QPSK	20407	824.7	1	0	23.01	0.200
					1	2	23.00	0.200
					1	5	22.98	0.199
					3	0	22.85	0.193
					3	1	22.83	0.192
					3	3	22.75	0.188
			6	0	21.82	0.152		
			1	0	23.35	0.216		
			1	2	23.20	0.209		
			1	5	23.18	0.208		
			3	0	23.13	0.206		
			3	1	23.09	0.204		
			3	3	23.00	0.200		
			6	0	22.11	0.163		
			1	0	23.60	0.229		
			1	2	23.55	0.226		
			1	5	23.50	0.224		
			3	0	23.48	0.223		
			3	1	23.42	0.220		
			3	3	23.32	0.215		
			6	0	22.47	0.177		
			1	0	22.29	0.169		
			1	2	22.27	0.169		
			1	5	22.26	0.168		
		3	0	21.93	0.156			
		3	1	21.91	0.155			
		3	3	21.91	0.155			
		6	0	20.90	0.123			
		1	0	22.56	0.180			
		1	2	22.46	0.176			
		1	5	22.44	0.175			
		3	0	22.21	0.166			
		3	1	22.12	0.163			
		3	3	22.03	0.160			
		6	0	21.17	0.131			
		1	0	22.92	0.196			
		1	2	22.92	0.196			
		1	5	22.85	0.193			
		3	0	22.65	0.184			
		3	1	22.53	0.179			
		3	3	22.53	0.179			
		6	0	21.57	0.144			
		16QAM	20407	824.7	1	0	22.29	0.169
					1	2	22.27	0.169
					1	5	22.26	0.168
					3	0	21.93	0.156
					3	1	21.91	0.155
					3	3	21.91	0.155
6	0		20.90	0.123				
1	0		22.56	0.180				
1	2		22.46	0.176				
1	5		22.44	0.175				
3	0		22.21	0.166				
3	1		22.12	0.163				
3	3	22.03	0.160					
6	0	21.17	0.131					
1	0	22.92	0.196					
1	2	22.92	0.196					
1	5	22.85	0.193					
3	0	22.65	0.184					
3	1	22.53	0.179					
3	3	22.53	0.179					
6	0	21.57	0.144					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	3 MHz	QPSK	20415	825.5	1	0	22.97	0.198
					1	8	22.92	0.196
					1	14	22.91	0.195
					8	0	21.98	0.158
					8	4	21.96	0.157
					8	7	21.90	0.155
			15	0	21.88	0.154		
			1	0	23.28	0.213		
			1	8	23.17	0.207		
			1	14	23.13	0.206		
			8	0	22.16	0.164		
			8	4	22.14	0.164		
			8	7	22.11	0.163		
			15	0	22.05	0.160		
			1	0	23.56	0.227		
			1	8	23.46	0.222		
			1	14	23.46	0.222		
			8	0	22.54	0.179		
			8	4	22.52	0.179		
			8	7	22.49	0.177		
			15	0	22.47	0.177		
			1	0	22.21	0.166		
			1	8	22.15	0.164		
			1	14	22.15	0.164		
		8	0	21.01	0.126			
		8	4	20.99	0.126			
		8	7	20.93	0.124			
		15	0	20.90	0.123			
		1	0	22.54	0.179			
		1	8	22.43	0.175			
		1	14	22.33	0.171			
		8	0	21.23	0.133			
		8	4	21.20	0.132			
		8	7	21.10	0.129			
		15	0	21.08	0.128			
		1	0	22.90	0.195			
		1	8	22.72	0.187			
		1	14	22.72	0.187			
		8	0	21.65	0.146			
		8	4	21.57	0.144			
		8	7	21.53	0.142			
		15	0	21.52	0.142			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	5 MHz	QPSK	20425	826.5	1	0	23.00	0.200
					1	12	22.96	0.198
					1	24	22.90	0.195
					12	0	21.95	0.157
					12	6	21.90	0.155
					12	13	21.87	0.154
			25	0	21.87	0.154		
			1	0	23.28	0.213		
			1	12	23.20	0.209		
			1	24	23.16	0.207		
			12	0	22.21	0.166		
			12	6	22.20	0.166		
			12	13	22.19	0.166		
			25	0	22.17	0.165		
			1	0	23.52	0.225		
			1	12	23.52	0.225		
			1	24	23.38	0.218		
			12	0	22.53	0.179		
			12	6	22.49	0.177		
			12	13	22.49	0.177		
			25	0	22.44	0.175		
			1	0	22.27	0.169		
			1	12	22.19	0.166		
			1	24	22.15	0.164		
		12	0	20.96	0.125			
		12	6	20.96	0.125			
		12	13	20.93	0.124			
		25	0	20.91	0.123			
		1	0	22.51	0.178			
		1	12	22.46	0.176			
		1	24	22.46	0.176			
		12	0	21.20	0.132			
		12	6	21.19	0.132			
		12	13	21.17	0.131			
		25	0	21.17	0.131			
		1	0	22.86	0.193			
		1	12	22.71	0.187			
		1	24	22.66	0.185			
		12	0	21.57	0.144			
		12	6	21.55	0.143			
		12	11	21.54	0.143			
		25	0	21.46	0.140			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	10 MHz	QPSK	20450	829.0	1	0	23.00	0.200
					1	24	22.84	0.192
					1	49	22.81	0.191
					25	0	22.41	0.174
					25	12	22.43	0.175
					25	25	22.41	0.174
					50	0	22.34	0.171
					1	0	23.17	0.207
			20525	836.5	1	24	23.15	0.207
					1	49	22.97	0.198
					25	0	22.70	0.186
					25	12	22.68	0.185
					25	25	22.64	0.184
					50	0	22.49	0.177
					1	0	23.44	0.221
					1	24	23.28	0.213
			20600	844.0	1	49	23.27	0.212
					25	0	22.96	0.198
					25	12	22.93	0.196
					25	25	22.82	0.191
					50	0	22.77	0.189
					1	0	22.30	0.170
					1	24	22.17	0.165
					1	49	22.12	0.163
		16QAM	20450	829.0	25	0	21.46	0.140
					25	12	21.46	0.140
					25	25	21.45	0.140
					50	0	21.34	0.136
					1	0	22.47	0.177
					1	24	22.44	0.175
					1	49	22.26	0.168
					25	0	21.65	0.146
			20525	836.5	25	12	21.64	0.146
					25	25	21.61	0.145
					50	0	21.47	0.140
					1	0	22.80	0.191
					1	24	22.56	0.180
					1	49	22.50	0.178
					25	0	21.96	0.157
					25	12	21.92	0.156
			20600	844.0	25	25	21.79	0.151
					50	0	21.74	0.149

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	5 MHz	QPSK	20775	2502.5	1	0	22.10	0.162
					1	12	22.08	0.161
					1	24	22.04	0.160
					12	0	21.09	0.129
					12	6	21.03	0.127
					12	13	21.03	0.127
			21100	2535.0	25	0	21.00	0.126
					1	0	21.91	0.155
					1	12	21.73	0.149
					1	24	21.64	0.146
					12	0	20.68	0.117
					12	6	20.67	0.117
			21425	2567.5	12	13	20.64	0.116
					25	0	20.62	0.115
					1	0	21.56	0.143
					1	12	21.52	0.142
					1	24	21.51	0.142
					12	0	20.56	0.114
		16QAM	20775	2502.5	12	6	20.55	0.114
					12	13	20.53	0.113
					25	0	20.52	0.113
					1	0	21.33	0.136
					1	12	21.31	0.135
					1	24	21.30	0.135
			21100	2535.0	12	0	20.12	0.103
					12	6	20.03	0.101
					12	13	20.02	0.100
					25	0	20.00	0.100
					1	0	21.14	0.130
					1	12	20.91	0.123
			21425	2567.5	1	24	20.86	0.122
					12	0	19.71	0.094
					12	6	19.71	0.094
					12	13	19.71	0.094
					25	0	19.64	0.092
					1	0	20.71	0.118
21425	2567.5	1	12	20.66	0.116			
		1	24	20.63	0.116			
		12	0	19.55	0.090			
		12	6	19.53	0.090			
		12	13	19.53	0.090			
		25	0	19.51	0.089			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	10 MHz	QPSK	20800	2505.0	1	0	22.34	0.171
					1	24	22.27	0.169
					1	49	21.88	0.154
					25	0	21.14	0.130
					25	12	21.12	0.129
					25	25	21.10	0.129
			50	0	21.09	0.129		
			21100	2535.0	1	0	22.06	0.161
					1	24	21.91	0.155
					1	49	21.58	0.144
					25	0	20.93	0.124
					25	12	20.82	0.121
					25	25	20.79	0.120
			50	0	20.68	0.117		
			21400	2565.0	1	0	21.76	0.150
					1	24	21.70	0.148
					1	49	21.34	0.136
					25	0	20.60	0.115
		25			12	20.59	0.115	
		25			25	20.55	0.114	
		50	0	20.44	0.111			
		16QAM	20800	2505.0	1	0	21.54	0.143
					1	24	21.47	0.140
					1	49	21.18	0.131
					25	0	20.13	0.103
					25	12	20.13	0.103
					25	25	20.08	0.102
			50	0	20.08	0.102		
			21100	2535.0	1	0	21.37	0.137
					1	24	21.16	0.131
					1	49	20.85	0.122
					25	0	19.90	0.098
					25	12	19.85	0.097
					25	25	19.82	0.096
			50	0	19.73	0.094		
			21400	2565.0	1	0	21.04	0.127
					1	24	20.95	0.124
					1	49	20.59	0.115
					25	0	19.58	0.091
		25			12	19.56	0.090	
		25			25	19.52	0.090	
		50	0	19.45	0.088			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	15 MHz	QPSK	20825	2507.5	1	0	22.17	0.165
					1	38	22.15	0.164
					1	74	21.90	0.155
					36	0	21.25	0.133
					36	18	21.20	0.132
					36	39	21.14	0.130
					75	0	21.12	0.129
					1	0	21.78	0.151
			21100	2535.0	1	38	21.75	0.150
					1	74	21.51	0.142
					36	0	20.85	0.122
					36	18	20.80	0.120
					36	39	20.73	0.118
					75	0	20.73	0.118
					1	0	21.48	0.141
					1	38	21.25	0.133
			21375	2562.5	1	74	21.14	0.130
					36	0	20.47	0.111
					36	18	20.44	0.111
					36	39	20.43	0.110
					75	0	20.37	0.109
					1	0	21.45	0.140
					1	38	21.40	0.138
					1	74	21.26	0.134
		16QAM	20825	2507.5	36	0	20.25	0.106
					36	18	20.16	0.104
					36	39	20.14	0.103
					75	0	20.11	0.103
					1	0	20.98	0.125
					1	38	20.95	0.124
					1	74	20.84	0.121
					36	0	19.83	0.096
			21100	2535.0	36	18	19.79	0.095
					36	39	19.76	0.095
					75	0	19.74	0.094
					1	0	20.75	0.119
					1	38	20.54	0.113
					1	74	20.52	0.113
					36	0	19.46	0.088
					36	18	19.45	0.088
			21375	2562.5	36	39	19.44	0.088
					75	0	19.34	0.086

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	20 MHz	QPSK	20850	2510.0	1	0	22.43	0.175
					1	49	22.30	0.170
					1	99	22.05	0.160
					50	0	21.33	0.136
					50	25	21.29	0.135
					50	50	21.26	0.134
					100	0	21.24	0.133
					1	0	22.39	0.173
			21100	2535.0	1	49	21.92	0.156
					1	99	21.74	0.149
					50	0	20.92	0.124
					50	25	20.89	0.123
					50	50	20.88	0.122
					100	0	20.86	0.122
					1	0	21.98	0.158
					1	49	21.57	0.144
			21350	2560.0	1	99	21.42	0.139
					50	0	20.65	0.116
					50	25	20.60	0.115
					50	50	20.55	0.114
					100	0	20.47	0.111
					1	0	21.73	0.149
					1	49	21.60	0.145
					1	99	21.32	0.136
		16QAM	20850	2510.0	50	0	20.32	0.108
					50	25	20.31	0.107
					50	50	20.30	0.107
					100	0	20.26	0.106
					1	0	21.24	0.133
					1	49	21.22	0.132
					1	99	21.02	0.126
					50	0	19.94	0.099
			21100	2535.0	50	25	19.93	0.098
					50	50	19.90	0.098
					100	0	19.88	0.097
					1	0	20.96	0.125
					1	49	20.81	0.121
					1	99	20.70	0.117
					50	0	19.64	0.092
					50	25	19.59	0.091
			21350	2560.0	50	50	19.58	0.091
					100	0	19.48	0.089

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	1.4 MHz	QPSK	23017	699.7	1	0	24.01	0.252
					1	3	23.92	0.247
					1	5	23.86	0.243
					3	0	23.86	0.243
					3	2	23.84	0.242
					3	3	23.65	0.232
			6	0	22.77	0.189		
			1	0	24.27	0.267		
			1	3	24.08	0.256		
			1	5	24.07	0.255		
			3	0	24.04	0.254		
			3	2	23.91	0.246		
			3	3	23.54	0.226		
			6	0	22.99	0.199		
			1	0	24.29	0.269		
			1	3	24.19	0.262		
			1	5	24.07	0.255		
			3	0	24.06	0.255		
		3	2	23.88	0.244			
		3	3	23.76	0.238			
		6	0	22.93	0.196			
		1	0	23.49	0.223			
		1	3	23.40	0.219			
		1	5	23.37	0.217			
		3	0	23.06	0.202			
		3	2	22.83	0.192			
		3	3	22.58	0.181			
		6	0	21.94	0.156			
		1	0	23.69	0.234			
		1	3	23.67	0.233			
		1	5	23.56	0.227			
		3	0	23.38	0.218			
		3	2	23.12	0.205			
		3	3	22.86	0.193			
		6	0	22.26	0.168			
		1	0	23.71	0.235			
1	3	23.60	0.229					
1	5	23.59	0.229					
3	0	23.23	0.210					
3	2	23.03	0.201					
3	3	22.77	0.189					
6	0	22.07	0.161					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	3 MHz	QPSK	23025	700.5	1	0	24.16	0.261
					1	8	24.01	0.252
					1	14	23.93	0.247
					8	0	22.98	0.199
					8	4	22.97	0.198
					8	8	22.96	0.198
			15	0	22.96	0.198		
			23095	707.5	1	0	24.27	0.267
					1	8	24.11	0.258
					1	14	24.09	0.256
					8	0	23.18	0.208
					8	4	23.06	0.202
					8	8	23.06	0.202
			15	0	23.03	0.201		
			23165	714.5	1	0	24.36	0.273
					1	8	24.06	0.255
					1	14	24.03	0.253
					8	0	23.09	0.204
		8			4	23.05	0.202	
		8			8	23.04	0.201	
		15	0	23.03	0.201			
		16QAM	23025	700.5	1	0	23.43	0.220
					1	8	23.36	0.217
					1	14	23.26	0.212
					8	0	22.04	0.160
					8	4	21.98	0.158
					8	8	21.96	0.157
			15	0	21.95	0.157		
			23095	707.5	1	0	23.68	0.233
					1	8	23.63	0.231
					1	14	23.60	0.229
					8	0	22.31	0.170
					8	4	22.23	0.167
					8	8	22.21	0.166
			15	0	22.19	0.166		
			23165	714.5	1	0	23.57	0.228
					1	8	23.53	0.225
					1	14	23.51	0.224
					8	0	22.14	0.164
		8			4	22.12	0.163	
		8			8	22.11	0.163	
		15	0	22.10	0.162			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	5 MHz	QPSK	23035	701.5	1	0	24.07	0.255
					1	13	24.00	0.251
					1	24	23.98	0.250
					12	0	23.01	0.200
					12	6	23.01	0.200
					12	13	22.99	0.199
			25	0	22.92	0.196		
			1	0	24.19	0.262		
			1	13	24.13	0.259		
			1	24	24.05	0.254		
			12	0	23.27	0.212		
			12	6	23.22	0.210		
			12	13	23.09	0.204		
			25	0	23.05	0.202		
			1	0	24.31	0.270		
			1	13	24.29	0.269		
			1	24	24.26	0.267		
			12	0	23.20	0.209		
			12	6	23.20	0.209		
			12	13	23.16	0.207		
			25	0	23.08	0.203		
			1	0	23.60	0.229		
			1	13	23.33	0.215		
			1	24	23.25	0.211		
		12	0	22.15	0.164			
		12	6	22.15	0.164			
		12	13	22.04	0.160			
		25	0	22.04	0.160			
		1	0	23.66	0.232			
		1	13	23.53	0.225			
		1	24	23.48	0.223			
		12	0	22.34	0.171			
		12	6	22.32	0.171			
		12	13	22.17	0.165			
		25	0	22.17	0.165			
		1	0	23.89	0.245			
		1	13	23.62	0.230			
		1	24	23.51	0.224			
		12	0	22.35	0.172			
		12	6	22.29	0.169			
		12	13	22.27	0.169			
		25	0	22.25	0.168			
		16QAM	23035	701.5	1	0	23.60	0.229
					1	13	23.33	0.215
					1	24	23.25	0.211
					12	0	22.15	0.164
					12	6	22.15	0.164
					12	13	22.04	0.160
25	0		22.04	0.160				
1	0		23.66	0.232				
1	13		23.53	0.225				
1	24		23.48	0.223				
12	0		22.34	0.171				
12	6		22.32	0.171				
12	13	22.17	0.165					
25	0	22.17	0.165					
23095	707.5	1	0	23.66	0.232			
		1	13	23.53	0.225			
		1	24	23.48	0.223			
		12	0	22.34	0.171			
		12	6	22.32	0.171			
		12	13	22.17	0.165			
25	0	22.17	0.165					
23155	713.5	1	0	23.66	0.232			
		1	13	23.53	0.225			
		1	24	23.48	0.223			
		12	0	22.34	0.171			
		12	6	22.32	0.171			
		12	13	22.17	0.165			
25	0	22.17	0.165					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power		
					Size	Offset	(dBm)	(W)	
LTE Band 12	5 MHz with CA power Pcc: Band 12 Scc: Band 30 (5M)	QPSK	23035	701.5	1	0	23.93	0.247	
					1	13	23.97	0.249	
					1	24	23.83	0.242	
					12	0	23.00	0.200	
					12	6	22.94	0.197	
					12	13	22.92	0.196	
			23095	707.5	25	0	22.80	0.191	
					1	0	24.06	0.255	
					1	13	23.99	0.251	
					1	24	24.04	0.254	
					12	0	23.22	0.210	
					12	6	23.23	0.210	
			23155	713.5	12	13	23.04	0.201	
					25	0	22.97	0.198	
					1	0	24.18	0.262	
					1	13	24.22	0.264	
					1	24	24.15	0.260	
					12	0	23.02	0.200	
			16QAM	23035	701.5	12	6	23.19	0.208
						12	13	23.00	0.200
						25	0	22.94	0.197
						1	0	23.49	0.223
						1	13	23.15	0.207
						1	24	23.14	0.206
		23095		707.5	12	0	21.98	0.158	
					12	6	21.98	0.158	
					12	13	22.00	0.158	
					25	0	21.93	0.156	
					1	0	23.63	0.231	
					1	13	23.42	0.220	
		23155		713.5	1	24	23.39	0.218	
					12	0	22.31	0.170	
					12	6	22.21	0.166	
					12	13	22.09	0.162	
					25	0	22.05	0.160	
					1	0	23.85	0.243	
		23035		701.5	1	13	23.48	0.223	
					1	24	23.34	0.216	
					12	0	22.36	0.172	
					12	6	22.19	0.166	
					12	13	22.18	0.165	
					25	0	22.14	0.164	

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	5 MHz with CA power Pcc: Band 12 Scc: Band 30 (10M)	QPSK	23035	701.5	1	0	23.94	0.248
					1	13	23.85	0.243
					1	24	23.92	0.247
					12	0	23.03	0.201
					12	6	22.96	0.198
					12	13	22.95	0.197
			23095	707.5	25	0	22.93	0.196
					1	0	24.07	0.255
					1	13	23.97	0.249
					1	24	23.98	0.250
					12	0	23.19	0.208
					12	6	23.12	0.205
			23155	713.5	12	13	23.10	0.204
					25	0	22.97	0.198
					1	0	24.25	0.266
					1	13	24.27	0.267
					1	24	24.19	0.262
					12	0	23.09	0.204
		16QAM	23035	701.5	12	6	23.14	0.206
					12	13	23.18	0.208
					25	0	22.98	0.199
					1	0	23.57	0.228
					1	13	23.20	0.209
					1	24	23.18	0.208
			23095	707.5	12	0	22.07	0.161
					12	6	22.00	0.158
					12	13	21.86	0.153
					25	0	21.89	0.155
					1	0	23.49	0.223
					1	13	23.35	0.216
			23155	713.5	1	24	23.37	0.217
					12	0	22.18	0.165
					12	6	22.21	0.166
					12	13	22.01	0.159
					25	0	22.16	0.164
					1	0	23.76	0.238
23035	701.5	1	13	23.52	0.225			
		1	24	23.47	0.222			
		12	0	22.30	0.170			
		12	6	22.25	0.168			
		12	13	22.26	0.168			
		25	0	22.12	0.163			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	10 MHz	QPSK	23060	704.0	1	0	24.29	0.269
					1	25	24.04	0.254
					1	49	23.92	0.247
					25	0	23.26	0.212
					25	13	23.12	0.205
					25	25	23.08	0.203
			50	0	23.07	0.203		
			1	0	24.37	0.274		
			1	25	24.09	0.256		
			1	49	23.98	0.250		
			25	0	23.47	0.222		
			25	13	23.32	0.215		
			25	25	23.32	0.215		
			50	0	23.15	0.207		
			1	0	24.28	0.268		
			1	25	24.16	0.261		
			1	49	24.11	0.258		
			25	0	23.39	0.218		
		25	13	23.35	0.216			
		25	25	23.28	0.213			
		50	0	23.26	0.212			
		1	0	23.87	0.244			
		1	25	23.46	0.222			
		1	49	23.41	0.219			
		25	0	22.31	0.170			
		25	13	22.24	0.167			
		25	25	22.09	0.162			
		50	0	22.05	0.160			
		1	0	23.89	0.245			
		1	25	23.62	0.230			
		1	49	23.48	0.223			
		25	0	22.44	0.175			
		25	13	22.37	0.173			
		25	25	22.32	0.171			
		50	0	22.10	0.162			
		1	0	23.91	0.246			
		1	25	23.60	0.229			
		1	49	23.55	0.226			
		25	0	22.39	0.173			
		25	13	22.36	0.172			
		25	25	22.28	0.169			
		50	0	22.25	0.168			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	10 MHz with CA power Pcc: Band 12 Scc: Band 30 (5M)	QPSK	23035	701.5	1	0	24.16	0.261
					1	13	24.05	0.254
					1	24	23.86	0.243
					12	0	23.10	0.204
					12	6	23.00	0.200
					12	13	22.93	0.196
			25	0	22.99	0.199		
			1	0	24.21	0.264		
			1	13	23.96	0.249		
			1	24	23.83	0.242		
			12	0	23.45	0.221		
			12	6	23.16	0.207		
			12	13	23.31	0.214		
			25	0	23.06	0.202		
			1	0	24.26	0.267		
			1	13	24.13	0.259		
			1	24	24.00	0.251		
			12	0	23.24	0.211		
		12	6	23.18	0.208			
		12	13	23.20	0.209			
		25	0	23.23	0.210			
		1	0	23.76	0.238			
		1	13	23.46	0.222			
		1	24	23.31	0.214			
		12	0	22.16	0.164			
		12	6	22.21	0.166			
		12	13	22.10	0.162			
		25	0	22.07	0.161			
		1	0	23.89	0.245			
		1	13	23.61	0.230			
		1	24	23.40	0.219			
		12	0	22.45	0.176			
		12	6	22.23	0.167			
		12	13	22.17	0.165			
		25	0	21.92	0.156			
		1	0	23.80	0.240			
1	13	23.57	0.228					
1	24	23.44	0.221					
12	0	22.30	0.170					
12	6	22.20	0.166					
12	13	22.28	0.169					
25	0	22.18	0.165					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	10 MHz with CA power Pcc: Band 12 Scc: Band 30 (10M)	QPSK	23035	701.5	1	0	24.11	0.258
					1	13	23.88	0.244
					1	24	23.86	0.243
					12	0	23.13	0.206
					12	6	23.13	0.206
					12	13	23.00	0.200
			25	0	23.09	0.204		
			1	0	24.36	0.273		
			1	13	24.10	0.257		
			1	24	23.86	0.243		
			12	0	23.35	0.216		
			12	6	23.27	0.212		
			12	13	23.15	0.207		
			25	0	23.03	0.201		
			1	0	24.25	0.266		
			1	13	24.09	0.256		
			1	24	23.99	0.251		
			12	0	23.34	0.216		
			12	6	23.23	0.210		
			12	13	23.11	0.205		
			25	0	23.27	0.212		
			1	0	23.79	0.239		
			1	13	23.31	0.214		
			1	24	23.43	0.220		
		12	0	22.17	0.165			
		12	6	22.08	0.161			
		12	13	22.03	0.160			
		25	0	21.94	0.156			
		1	0	23.82	0.241			
		1	13	23.61	0.230			
		1	24	23.35	0.216			
		12	0	22.26	0.168			
		12	6	22.35	0.172			
		12	13	22.22	0.167			
		25	0	22.01	0.159			
		1	0	23.77	0.238			
		1	13	23.53	0.225			
		1	24	23.38	0.218			
		12	0	22.35	0.172			
		12	6	22.23	0.167			
		12	13	22.26	0.168			
		25	0	22.12	0.163			

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 30	5 MHz	QPSK	27685	2307.5	1	0	23.66	0.232
					1	12	23.63	0.231
					1	24	23.58	0.228
					12	0	22.59	0.182
					12	6	22.59	0.182
					12	13	22.58	0.181
			25	0	22.57	0.181		
			1	0	23.81	0.240		
			1	12	23.70	0.234		
			1	24	23.56	0.227		
			12	0	22.68	0.185		
			12	6	22.64	0.184		
			12	13	22.63	0.183		
			25	0	22.58	0.181		
			1	0	23.79	0.239		
			1	12	23.68	0.233		
			1	24	23.65	0.232		
			12	0	22.72	0.187		
		12	6	22.66	0.185			
		12	13	22.65	0.184			
		25	0	22.59	0.182			
		1	0	23.04	0.201			
		1	12	22.97	0.198			
		1	24	22.55	0.180			
		12	0	21.66	0.147			
		12	6	21.64	0.146			
		12	13	21.64	0.146			
		25	0	21.57	0.144			
		1	0	22.87	0.194			
		1	12	22.86	0.193			
		1	24	22.82	0.191			
		12	0	21.74	0.149			
		12	6	21.71	0.148			
		12	13	21.68	0.147			
		25	0	21.62	0.145			
		1	0	23.15	0.207			
1	12	22.99	0.199					
1	24	22.92	0.196					
12	0	21.84	0.153					
12	6	21.78	0.151					
12	11	21.75	0.150					
25	0	21.61	0.145					

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 30	10 MHz	QPSK	27710	2310.0	1	0	23.90	0.245
					1	24	23.62	0.230
					1	49	23.57	0.228
					25	0	22.80	0.191
					25	12	22.77	0.189
					25	25	22.68	0.185
					50	0	22.56	0.180
		16QAM	27710	2310.0	1	0	23.31	0.214
					1	24	23.03	0.201
					1	49	22.82	0.191
					25	0	21.86	0.153
					25	12	21.79	0.151
					25	25	21.75	0.150
					50	0	21.52	0.142

3 Effective Radiated Power / Equivalent Isotropic Radiated Power Test

3.1. Limit

For FCC Part 27: The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 1 Watts.

For FCC Part 27.50(c)(9): Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

For FCC Part 27.50(h)(2): Mobile stations are limited to 2.0 watts EIRP.

For FCC Part 22.913(a)(2): The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(b): The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

For FCC Part 27.50(a)(3): For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz (0.05W/1MHz) of authorized bandwidth. except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz (0.25W/5MHz) of authorized bandwidth.

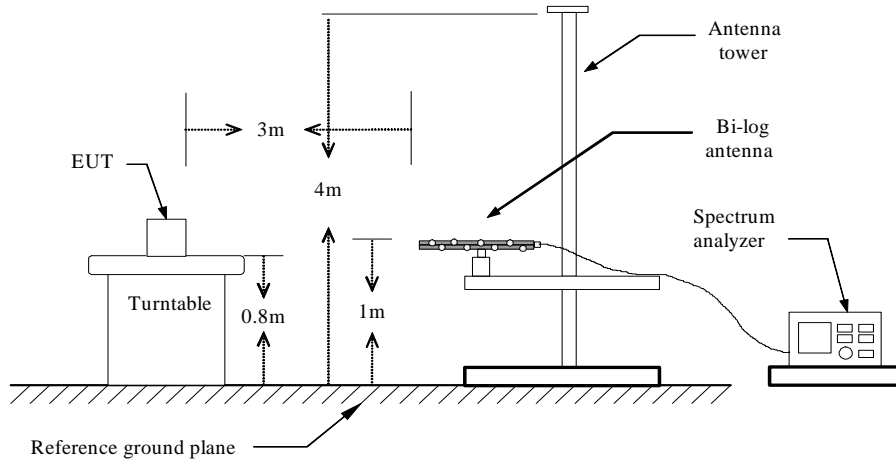
3.2. Test Instruments

3 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
RF Pre-selector	Agilent	N9039A	MY46520256	01/06/2015	1 year
Spectrum Analyzer	Agilent	E4446A	MY46180578	01/06/2015	1 year
Pre Amplifier	Agilent	8449B	3008A02237	02/24/2015	1 year
Pre Amplifier	Agilent	8447D	2944A10961	02/24/2015	1 year
Broadband Antenna (30MHz~1GHz)	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	08/11/2015	1 year
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/12/2015	1 year
Horn Antenna (18~40GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	07/06/2015	1 year
Test Site	ATL	TE01	888001	08/27/2015	1 year

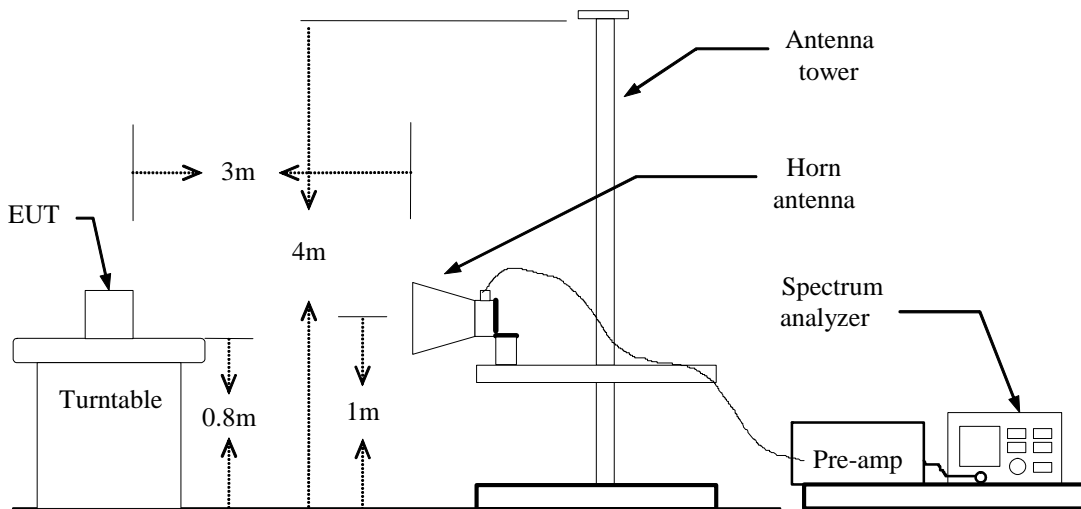
Note: N.C.R. = No Calibration Request.

3.3. Test Setup

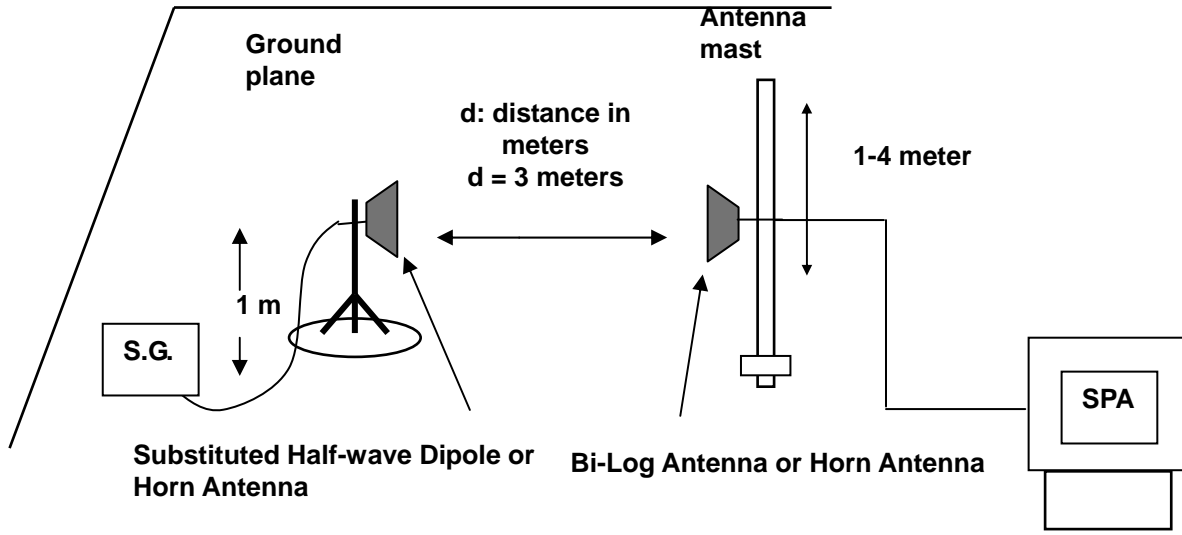
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



3.4. Test Procedure

- a. The EUT was set up for the maximum power with LTE link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range). RWB and VBW is 5MHz for LTE and WCDMA mode.
- b. E.I.R.P power measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
- c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G.
- d. $E.I.R.P = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$
- e. $E.R.P = E.I.R.P - 2.15 \text{ dB}$

3.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is $\pm 3.072 \text{ dB}$.

3.6. Test Result

Model Number	AC815S
Test Item	E.I.R.P. / E.R.P.
Date of Test	11/05/2015

LTE Band 2								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
1.4 M	QPSK	1850.7	H	8.41	11.90	20.31	0.107	< 2
			V	9.62	11.90	21.52	0.142	< 2
		1880.0	H	8.26	11.92	20.18	0.104	< 2
			V	9.32	11.94	21.26	0.134	< 2
	1909.3	H	8.13	11.96	20.09	0.102	< 2	
		V	9.42	11.96	21.38	0.137	< 2	
16QAM	1880.0	H	7.19	11.92	19.11	0.081	< 2	
		V	8.40	11.93	20.33	0.108	< 2	
3 MHz	QPSK	1851.5	H	8.57	11.90	20.47	0.111	< 2
			V	9.67	11.90	21.57	0.144	< 2
		1880.0	H	8.35	11.93	20.28	0.107	< 2
			V	9.63	11.93	21.56	0.143	< 2
	1908.5	H	8.47	11.95	20.42	0.110	< 2	
		V	9.69	11.95	21.64	0.146	< 2	
16QAM	1880.0	H	7.25	11.93	19.18	0.083	< 2	
		V	8.51	11.93	20.44	0.111	< 2	
5 MHz	QPSK	1852.5	H	8.46	11.90	20.36	0.109	< 2
			V	9.49	11.90	21.39	0.138	< 2
		1880.0	H	8.33	11.92	20.25	0.106	< 2
			V	9.61	11.92	21.53	0.142	< 2
	1907.5	H	8.62	11.95	20.57	0.114	< 2	
		V	9.56	11.95	21.51	0.142	< 2	
16QAM	1880.0	H	7.77	11.92	19.69	0.093	< 2	
		V	8.46	11.92	20.38	0.109	< 2	

LTE Band 2								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
10 M	QPSK	1855.0	H	8.45	11.90	20.35	0.108	< 2
			V	9.78	11.90	21.68	0.147	< 2
		1880.0	H	8.25	11.93	20.18	0.104	< 2
			V	9.42	11.93	21.35	0.136	< 2
		1905.0	H	8.27	11.95	20.22	0.105	< 2
			V	9.42	11.95	21.37	0.137	< 2
	16QAM	1880.0	H	7.21	11.93	19.14	0.082	< 2
			V	8.26	11.93	20.19	0.104	< 2
15 MHz	QPSK	1857.5	H	8.43	11.91	20.34	0.108	< 2
			V	9.76	11.91	21.67	0.147	< 2
		1880.0	H	8.36	11.93	20.29	0.107	< 2
			V	9.39	11.93	21.32	0.136	< 2
		1902.5	H	8.37	11.95	20.32	0.108	< 2
			V	9.59	11.95	21.54	0.143	< 2
	16QAM	1880.0	H	7.22	11.93	19.15	0.082	< 2
			V	8.32	11.93	20.25	0.106	< 2
20 MHz	QPSK	1860.0	H	8.36	11.91	20.27	0.106	< 2
			V	9.59	11.91	21.50	0.141	< 2
		1880.0	H	8.52	11.92	20.44	0.111	< 2
			V	9.61	11.92	21.53	0.142	< 2
		1900.0	H	8.24	11.93	20.17	0.104	< 2
			V	9.48	11.93	21.41	0.138	< 2
	16QAM	1880.0	H	7.48	11.92	19.40	0.087	< 2
			V	8.41	11.92	20.33	0.108	< 2

LTE Band 4								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
1.4 M	QPSK	1710.7	H	8.67	11.80	20.47	0.111	< 1
			V	9.89	11.80	21.69	0.148	< 1
		1732.5	H	8.51	11.82	20.33	0.108	< 1
			V	9.54	11.82	21.36	0.137	< 1
		1754.3	H	8.44	11.85	20.29	0.107	< 1
			V	9.55	11.85	21.40	0.138	< 1
	16QAM	1732.5	H	7.50	11.81	19.31	0.085	< 1
			V	8.47	11.81	20.28	0.107	< 1
3 MHz	QPSK	1711.5	H	8.47	11.80	20.27	0.106	< 1
			V	9.62	11.79	21.41	0.138	< 1
		1732.5	H	8.50	11.82	20.32	0.108	< 1
			V	9.56	11.82	21.38	0.137	< 1
		1753.5	H	8.65	11.82	20.47	0.111	< 1
			V	9.60	11.82	21.42	0.139	< 1
	16QAM	1732.5	H	7.40	11.82	19.22	0.084	< 1
			V	8.48	11.82	20.30	0.107	< 1
5 MHz	QPSK	1712.5	H	8.59	11.80	20.39	0.109	< 1
			V	9.76	11.80	21.56	0.143	< 1
		1732.5	H	8.53	11.82	20.35	0.108	< 1
			V	9.46	11.82	21.28	0.134	< 1
		1752.5	H	8.71	11.83	20.54	0.113	< 1
			V	9.63	11.83	21.46	0.140	< 1
	16QAM	1732.5	H	7.40	11.82	19.22	0.084	< 1
			V	8.31	11.82	20.13	0.103	< 1

LTE Band 4								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
10 M	QPSK	1715.0	H	8.40	11.80	20.20	0.105	< 1
			V	9.58	11.80	21.38	0.137	< 1
		1732.5	H	8.54	11.82	20.36	0.109	< 1
			V	9.49	11.82	21.31	0.135	< 1
		1750.0	H	8.78	11.83	20.61	0.115	< 1
			V	9.81	11.83	21.64	0.146	< 1
	16QAM	1732.5	H	7.34	11.82	19.16	0.082	< 1
			V	8.45	11.82	20.27	0.106	< 1
15 MHz	QPSK	1717.5	H	8.37	11.80	20.17	0.104	< 1
			V	9.60	11.80	21.40	0.138	< 1
		1732.5	H	8.41	11.82	20.23	0.105	< 1
			V	9.50	11.82	21.32	0.136	< 1
		1747.5	H	8.50	11.82	20.32	0.108	< 1
			V	9.55	11.83	21.38	0.137	< 1
	16QAM	1732.5	H	7.55	11.82	19.37	0.086	< 1
			V	8.57	11.82	20.39	0.109	< 1
20 MHz	QPSK	1720.0	H	8.41	11.80	20.21	0.105	< 1
			V	9.35	11.80	21.15	0.130	< 1
		1732.5	H	8.44	11.81	20.25	0.106	< 1
			V	9.47	11.81	21.28	0.134	< 1
		1745.0	H	8.64	11.82	20.46	0.111	< 1
			V	9.82	11.82	21.64	0.146	< 1
	16QAM	1732.5	H	7.57	11.81	19.38	0.087	< 1
			V	8.40	11.81	20.21	0.105	< 1

LTE Band 5								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.R.P.		Limit (W)
						(dBm)	(W)	
1.4 M	QPSK	824.7	H	7.24	12.84	20.08	0.102	< 7
			V	9.41	12.18	21.59	0.144	< 7
		836.5	H	6.23	12.96	19.19	0.083	< 7
			V	8.86	12.24	21.10	0.129	< 7
		848.3	H	7.15	13.35	20.50	0.112	< 7
			V	9.26	12.36	21.62	0.145	< 7
16QAM	824.7	H	5.14	12.97	18.11	0.065	< 7	
		V	7.81	12.24	20.05	0.101	< 7	
3 MHz	QPSK	825.5	H	7.49	12.84	20.33	0.108	< 7
			V	9.61	12.18	21.79	0.151	< 7
		836.5	H	7.25	12.96	20.21	0.105	< 7
			V	9.46	12.23	21.69	0.148	< 7
		847.5	H	6.89	13.30	20.19	0.104	< 7
			V	9.08	12.34	21.42	0.139	< 7
16QAM	836.5	H	6.17	12.96	19.13	0.082	< 7	
		V	8.32	12.23	20.55	0.114	< 7	
5 MHz	QPSK	826.5	H	7.41	12.84	20.25	0.106	< 7
			V	9.63	12.18	21.81	0.152	< 7
		836.5	H	7.21	12.95	20.16	0.104	< 7
			V	9.50	12.23	21.73	0.149	< 7
		846.5	H	8.13	12.31	20.44	0.111	< 7
			V	9.65	12.31	21.96	0.157	< 7
16QAM	836.5	H	6.09	12.95	19.04	0.080	< 7	
		V	8.58	12.23	20.81	0.121	< 7	
10 M	QPSK	829.0	H	7.50	12.84	20.34	0.108	< 7
			V	9.34	12.18	21.52	0.142	< 7
		836.5	H	7.35	12.92	20.27	0.106	< 7
			V	9.46	12.21	21.67	0.147	< 7
		844.0	H	7.19	13.01	20.20	0.105	< 7
			V	9.46	12.26	21.72	0.149	< 7
16QAM	836.5	H	6.31	12.92	19.23	0.084	< 7	
		V	8.50	12.21	20.71	0.118	< 7	

LTE Band 7								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
5 M	QPSK	2502.5	H	6.55	14.05	20.60	0.115	< 2
			V	7.49	14.05	21.54	0.143	< 2
		2535.0	H	6.47	14.17	20.64	0.116	< 2
			V	7.39	14.17	21.56	0.143	< 2
		2567.5	H	6.22	14.29	20.51	0.112	< 2
			V	6.97	14.29	21.26	0.134	< 2
	16QAM	2535.0	H	5.64	14.17	19.81	0.096	< 2
			V	6.20	14.17	20.37	0.109	< 2
10 MHz	QPSK	2502.5	H	6.22	14.05	20.27	0.106	< 2
			V	7.44	14.05	21.49	0.141	< 2
		2535.0	H	6.27	14.16	20.43	0.110	< 2
			V	7.21	14.16	21.37	0.137	< 2
		2567.5	H	6.28	14.28	20.56	0.114	< 2
			V	7.08	14.28	21.36	0.137	< 2
	16QAM	2535.0	H	5.17	14.16	19.33	0.086	< 2
			V	6.16	14.16	20.32	0.108	< 2
15 MHz	QPSK	2502.5	H	6.13	14.05	20.18	0.104	< 2
			V	7.22	14.05	21.27	0.134	< 2
		2535.0	H	6.11	14.15	20.26	0.106	< 2
			V	7.27	14.15	21.42	0.139	< 2
		2567.5	H	6.04	14.25	20.29	0.107	< 2
			V	7.10	14.25	21.35	0.136	< 2
	16QAM	2535.0	H	5.25	14.15	19.40	0.087	< 2
			V	6.36	14.15	20.51	0.112	< 2
20 M	QPSK	2502.5	H	6.30	14.05	20.35	0.108	< 2
			V	7.48	14.05	21.53	0.142	< 2
		2535.0	H	6.28	14.15	20.43	0.110	< 2
			V	7.33	14.15	21.48	0.141	< 2
		2567.5	H	6.01	14.24	20.25	0.106	< 2
			V	7.31	14.24	21.55	0.143	< 2
	16QAM	2535.0	H	5.24	14.15	19.39	0.087	< 2
			V	6.30	14.15	20.45	0.111	< 2

LTE Band 12								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dB)	E.R.P.		Limit (W)
						(dBm)	(W)	
1.4 M	QPSK	699.7	H	12.10	8.09	20.19	0.104	< 30
			V	10.31	11.30	21.61	0.145	< 30
		707.5	H	12.21	8.26	20.47	0.111	< 30
			V	10.30	11.55	21.85	0.153	< 30
		715.3	H	11.83	8.49	20.32	0.108	< 30
			V	9.97	11.82	21.79	0.151	< 30
	16QAM	707.5	H	11.16	8.27	19.43	0.088	< 30
			V	9.11	11.55	20.66	0.116	< 30
3 MHz	QPSK	699.7	H	12.59	8.09	20.68	0.117	< 30
			V	10.64	11.30	21.94	0.156	< 30
		707.5	H	12.19	8.25	20.44	0.111	< 30
			V	10.37	11.53	21.90	0.155	< 30
		715.3	H	11.79	8.44	20.23	0.105	< 30
			V	10.04	11.76	21.80	0.151	< 30
	16QAM	707.5	H	11.51	8.25	19.76	0.095	< 30
			V	9.06	11.53	20.59	0.115	< 30
5 MHz	QPSK	699.7	H	12.25	8.09	20.34	0.108	< 30
			V	10.41	11.31	21.72	0.149	< 30
		707.5	H	12.03	8.22	20.25	0.106	< 30
			V	10.07	11.50	21.57	0.144	< 30
		715.3	H	11.92	8.39	20.31	0.107	< 30
			V	9.94	11.70	21.64	0.146	< 30
	16QAM	707.5	H	11.03	8.22	19.25	0.084	< 30
			V	8.79	11.50	20.29	0.107	< 30
10 M	QPSK	699.7	H	12.08	8.08	20.16	0.104	< 30
			V	10.23	11.31	21.54	0.143	< 30
		707.5	H	12.39	8.16	20.55	0.114	< 30
			V	10.00	11.43	21.43	0.139	< 30
		715.3	H	11.93	8.26	20.19	0.104	< 30
			V	9.75	11.55	21.30	0.135	< 30
	16QAM	707.5	H	11.11	8.17	19.28	0.085	< 30
			V	8.79	11.43	20.22	0.105	< 30

LTE Band 30								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm/1MHz)	Correction Factor (dB)	E.I.R.P.		Limit (W/1MHz)
						(dBm/1MHz)	(W/1MHz)	
5 MHz	QPSK	2307.5	H	8.52	4.70	13.22	0.021	< 0.05
			V	9.60	4.70	14.30	0.027	< 0.05
		2310.0	H	8.63	4.69	13.32	0.021	< 0.05
			V	9.70	4.69	14.39	0.027	< 0.05
		2312.5	H	8.44	4.70	13.14	0.021	< 0.05
			V	9.56	4.70	14.26	0.027	< 0.05
	16QAM	2310.0	H	7.75	4.69	12.44	0.018	< 0.05
			V	8.66	4.69	13.35	0.022	< 0.05
10 M	QPSK	2310.0	H	8.64	4.70	13.34	0.022	< 0.05
			V	9.53	4.70	14.23	0.026	< 0.05
	16QAM	2310.0	H	7.44	4.70	12.14	0.016	< 0.05
			V	8.83	4.70	13.53	0.023	< 0.05

4 Frequency Stability Test

4.1. Limit

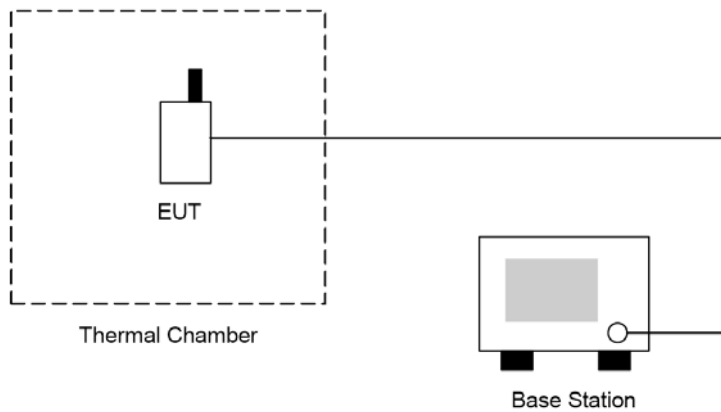
According to the FCC rule shall be tested the frequency stability. The rule is defined that" The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation. The test extreme voltage is according to the 2.1055(d)(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment and the extreme temperature rule is comply with the 2.1055(a)(1) -30°C ~ 50°C.

4.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Period
Wideband Radio Communication Test	R & S	CMW500	103168	10/30/2015	1 year
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	04/27/2015	1 year
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

4.3. Setup



4.4. Test Procedure

The measurement is made according to FCC rules:

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was note within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected as the following section.
5. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
6. The temperature tests were performed for the worst case.
7. Test data was recorded.

4.5. Uncertainty

The measurement uncertainty is defined as for Frequency Stability measurement is $\pm 10\text{Hz}$.

4.6. Test Result

Model Number	AC815S
Test Item	Frequency Stability
Date of Test	11/05/2015, 12/03/2015

LTE Band 2 _ QPSK						
Voltage						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
20 MHz	1880.0	4.35	20	-2.01	-0.001	± 2.5
		3.80	20	1.77	0.001	± 2.5
		3.50	20	0.33	0.000	± 2.5
Temperature						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
20 MHz	1880.0	3.80	-30	-6.98	-0.004	± 2.5
		3.80	-20	7.34	0.004	± 2.5
		3.80	-10	-10.44	-0.006	± 2.5
		3.80	0	-6.84	-0.004	± 2.5
		3.80	10	-6.69	-0.004	± 2.5
		3.80	20	1.92	0.001	± 2.5
		3.80	30	-10.15	-0.005	± 2.5
		3.80	40	-15.17	-0.008	± 2.5
3.80	50	-6.77	-0.004	± 2.5		

LTE Band 4 _ QPSK						
Voltage						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
20 MHz	1732.5	4.35	20	-6.34	-0.004	± 2.5
		3.80	20	2.43	0.001	± 2.5
		3.50	20	-12.25	-0.007	± 2.5
Temperature						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
20 MHz	1732.5	3.80	-30	-13.64	-0.008	± 2.5
		3.80	-20	-1.08	-0.001	± 2.5
		3.80	-10	-14.31	-0.008	± 2.5
		3.80	0	-2.17	-0.001	± 2.5
		3.80	10	-3.68	-0.002	± 2.5
		3.80	20	5.83	0.003	± 2.5
		3.80	30	-7.97	-0.005	± 2.5
		3.80	40	-9.43	-0.005	± 2.5
3.80	50	-4.92	-0.003	± 2.5		

LTE Band 5 _ QPSK						
Voltage						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
10 MHz	836.5	4.35	20	-6.56	-0.008	± 2.5
		3.80	20	-7.53	-0.009	± 2.5
		3.50	20	-7.63	-0.009	± 2.5
Temperature						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
10 MHz	836.5	3.80	-30	2.06	0.002	± 2.5
		3.80	-20	12.40	0.015	± 2.5
		3.80	-10	4.18	0.005	± 2.5
		3.80	0	-5.03	-0.006	± 2.5
		3.80	10	-14.28	-0.017	± 2.5
		3.80	20	-9.60	-0.011	± 2.5
		3.80	30	-6.60	-0.008	± 2.5
		3.80	40	-0.62	-0.001	± 2.5
3.80	50	1.35	0.002	± 2.5		

LTE Band 7 _ QPSK						
Voltage						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
20 MHz	2535.0	4.35	20	-14.45	-0.006	± 2.5
		3.80	20	3.73	0.001	± 2.5
		3.50	20	-12.76	-0.005	± 2.5
Temperature						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
20 MHz	2535.0	3.80	-30	0.17	0.000	± 2.5
		3.80	-20	9.61	0.004	± 2.5
		3.80	-10	-12.77	-0.005	± 2.5
		3.80	0	2.28	0.001	± 2.5
		3.80	10	-9.28	-0.004	± 2.5
		3.80	20	-7.33	-0.003	± 2.5
		3.80	30	3.55	0.001	± 2.5
		3.80	40	-13.15	-0.005	± 2.5
3.80	50	-4.90	-0.002	± 2.5		

LTE Band 12 _ QPSK						
Voltage						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
10 MHz	705.5	4.35	20	-4.81	-0.007	± 2.5
		3.80	20	-4.11	-0.006	± 2.5
		3.50	20	-12.82	-0.018	± 2.5
Temperature						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
10 MHz	707.5	3.80	-30	-8.62	-0.012	± 2.5
		3.80	-20	2.23	0.003	± 2.5
		3.80	-10	4.77	0.007	± 2.5
		3.80	0	-4.92	-0.007	± 2.5
		3.80	10	-1.69	-0.002	± 2.5
		3.80	20	-6.80	-0.010	± 2.5
		3.80	30	-7.34	-0.010	± 2.5
		3.80	40	-14.96	-0.021	± 2.5
3.80	50	3.87	0.005	± 2.5		

LTE Band 30 _ QPSK						
Voltage						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
10 MHz	2310.0	4.35	20	6.33	0.003	± 2.5
		3.80	20	12.15	0.005	± 2.5
		3.50	20	-5.21	-0.002	± 2.5
Temperature						
Channel Bandwidth	Frequency (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)
10 MHz	2310.0	3.80	-30	-11.91	-0.005	± 2.5
		3.80	-20	-6.48	-0.003	± 2.5
		3.80	-10	2.86	0.001	± 2.5
		3.80	0	-5.89	-0.003	± 2.5
		3.80	10	6.40	0.003	± 2.5
		3.80	20	-5.83	-0.003	± 2.5
		3.80	30	-7.88	-0.003	± 2.5
		3.80	40	-23.00	-0.010	± 2.5
3.80	50	11.93	0.005	± 2.5		

5 Emission Bandwidth & Occupied Bandwidth Test

5.1. Limit

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 power of a given emission.

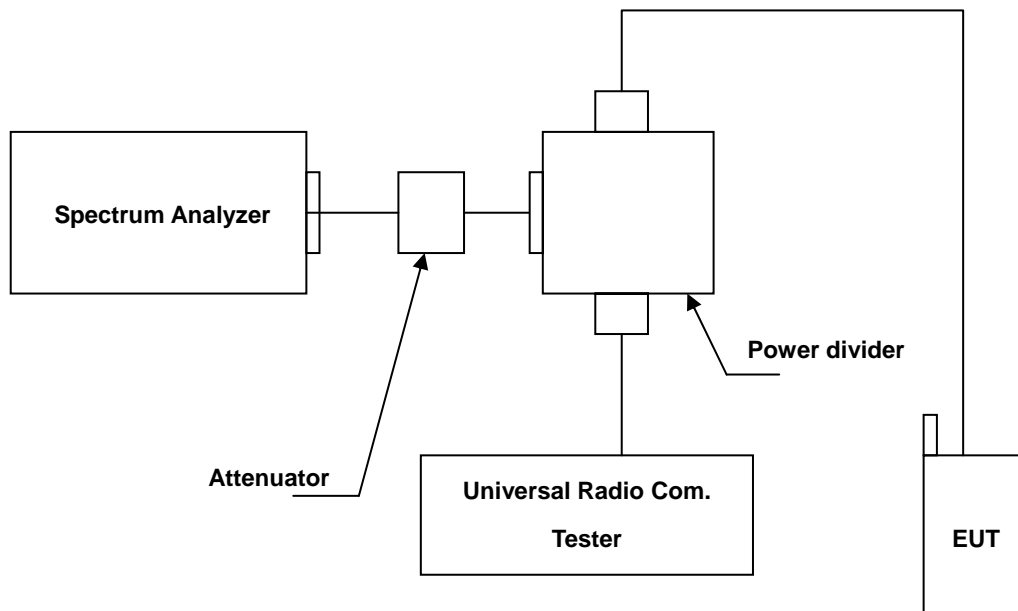
The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

5.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Period
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/14/2015	1 year
Wideband Radio Communication Test	R & S	CMW500	103168	10/30/2015	1 year
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE05	TE05	N.C.R.	-----

ote: N.C.R. = No Calibration Request.

5.3. Setup



5.4. Test Procedure

The measurement is made according to FCC rules:

- a. The EUT makes a phone call to the communication simulator. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels. (low, middle and high operational frequency range.)
- b. The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- c. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

5.5. Uncertainty

The measurement uncertainty is defined as $\pm 10\text{Hz}$

5.6. Test Result

Model Number	AC815S
Test Item	Emission Bandwidth & Occupied Bandwidth
Date of Test	10/19/2015, 12/03/2015

LTE Band 2				
Modulation	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	1.4 MHz	1850.7	1.214	1.0786
		1880.0	1.201	1.0734
		1909.3	1.215	1.0770
	3 MHz	1851.5	2.956	2.6834
		1880.0	2.938	2.6888
		1908.5	2.945	2.6854
	5 MHz	1852.5	4.884	4.4762
		1880.0	4.828	4.4550
		1907.5	4.850	4.4557
	10 MHz	1855.0	9.706	8.9577
		1880.0	9.504	8.9401
		1905.0	9.576	8.9374
	15 MHz	1857.5	14.459	13.4452
		1880.0	14.416	13.4050
		1902.5	14.284	13.3746
	20 MHz	1860.0	18.986	17.9214
		1880.0	18.886	17.8657
		1900.0	19.142	17.8568
16QAM	1.4 MHz	1850.7	1.213	1.0776
		1880.0	1.203	1.0743
		1909.3	1.214	1.0776
	3 MHz	1851.5	2.954	2.6857
		1880.0	2.916	2.6813
		1908.5	2.945	2.6850
	5 MHz	1852.5	4.876	4.4769
		1880.0	4.879	4.4637
		1907.5	4.793	4.4557
	10 MHz	1855.0	9.711	8.9573
		1880.0	9.618	8.9429
		1905.0	9.565	8.9539
	15 MHz	1857.5	14.370	13.4546
		1880.0	14.415	13.4064
		1902.5	14.275	13.3863
	20 MHz	1860.0	18.982	17.9040
		1880.0	19.001	17.8507
		1900.0	18.886	17.8193

LTE Band 4				
Modulation	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	1.4 MHz	1710.7	1.202	1.0744
		1732.5	1.211	1.0767
		1754.3	1.211	1.0785
	3 MHz	1711.5	2.911	2.6869
		1732.5	2.919	2.6883
		1753.5	2.959	2.6865
	5 MHz	1712.5	4.873	4.4771
		1732.5	4.838	4.4527
		1752.5	4.870	4.4704
	10 MHz	1715.0	9.669	8.9632
		1732.5	9.592	8.9406
		1750.0	9.640	8.9421
	15 MHz	1717.5	14.398	13.4464
		1732.5	14.198	13.3954
		1747.5	14.455	13.4528
	20 MHz	1720.0	19.103	17.9188
		1732.5	18.837	17.8502
		1745.0	19.141	17.9325
16QAM	1.4 MHz	1710.7	1.192	1.0747
		1732.5	1.212	1.0757
		1754.3	1.210	1.0787
	3 MHz	1711.5	2.911	2.6884
		1732.5	2.930	2.6894
		1753.5	2.955	2.6849
	5 MHz	1712.5	4.860	4.4772
		1732.5	4.865	4.4647
		1752.5	4.859	4.4642
	10 MHz	1715.0	9.676	8.9607
		1732.5	9.616	8.9359
		1750.0	9.592	8.9485
	15 MHz	1717.5	14.384	13.4447
		1732.5	14.334	13.3859
		1747.5	14.445	13.4672
	20 MHz	1720.0	19.028	17.8831
		1732.5	18.988	17.8506
		1745.0	19.148	17.9228

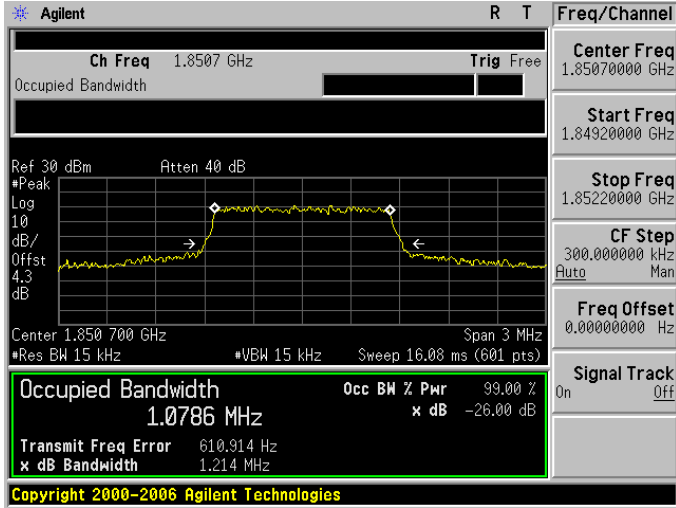
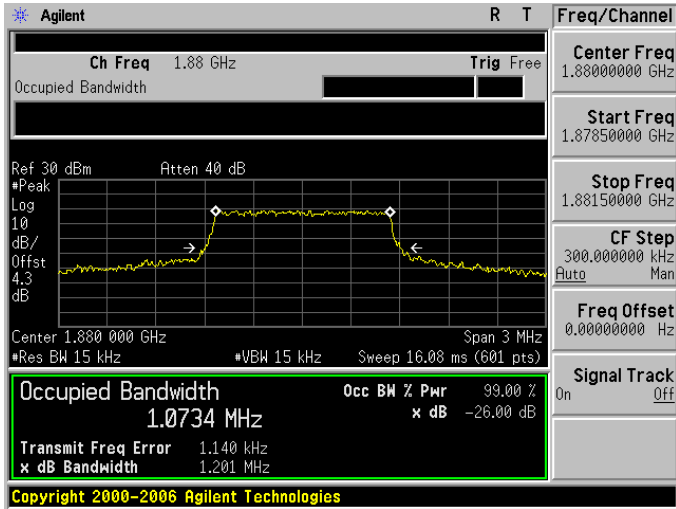
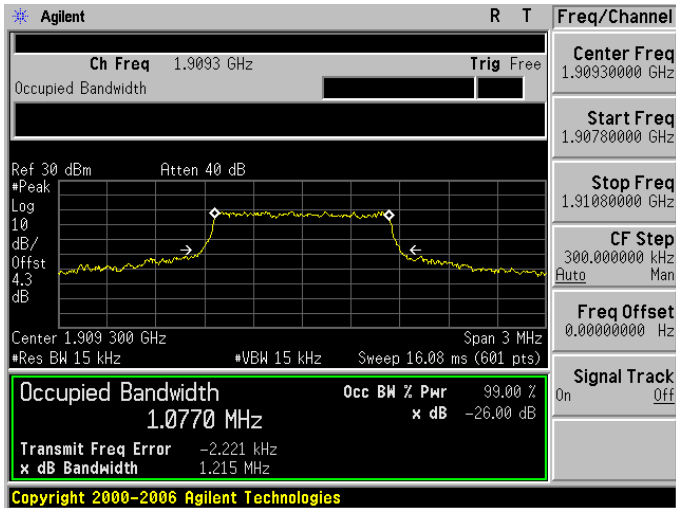
LTE Band 5				
Modulation	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	1.4 MHz	824.7	1.216	1.0768
		836.5	1.182	1.0770
		848.3	1.189	1.0751
	3 MHz	825.5	2.925	2.6793
		836.5	2.936	2.6783
		847.5	2.954	2.6898
	5 MHz	826.5	4.861	4.4676
		836.5	4.864	4.4620
		846.5	4.844	4.4656
	10 MHz	829.0	9.646	8.9479
		836.5	9.622	8.9372
		844.0	9.611	8.9478
16QAM	1.4 MHz	824.7	1.215	1.0770
		836.5	1.189	1.0769
		848.3	1.201	1.0751
	3 MHz	825.5	2.925	2.6787
		836.5	2.938	2.6801
		847.5	2.924	2.6882
	5 MHz	826.5	4.851	4.4687
		836.5	4.884	4.4646
		846.5	4.838	4.4631
	10 MHz	829.0	9.669	8.9450
		836.5	9.625	8.9391
		844.0	9.529	8.9543

LTE Band 7				
Modulation	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	5 MHz	2502.5	4.930	4.4763
		2535.0	4.973	4.4862
		2567.5	4.973	4.4753
	10 MHz	2505.0	9.706	8.9485
		2535.0	9.804	8.9512
		2565.0	9.785	8.9526
	15 MHz	2507.5	14.667	13.3824
		2535.0	14.492	13.4350
		2562.5	14.591	13.4619
	20 MHz	2510.0	18.873	17.7681
		2535.0	19.315	17.8904
		2560.0	19.418	17.8647
16QAM	5 MHz	2502.5	4.912	4.4771
		2535.0	4.999	4.4857
		2567.5	4.975	4.4724
	10 MHz	2505.0	9.693	8.9366
		2535.0	9.816	8.9583
		2565.0	9.785	8.9522
	15 MHz	2507.5	14.667	13.3572
		2535.0	14.637	13.4233
		2562.5	14.569	13.4237
	20 MHz	2510.0	18.873	17.7629
		2535.0	19.370	17.8946
		2560.0	19.075	17.8603

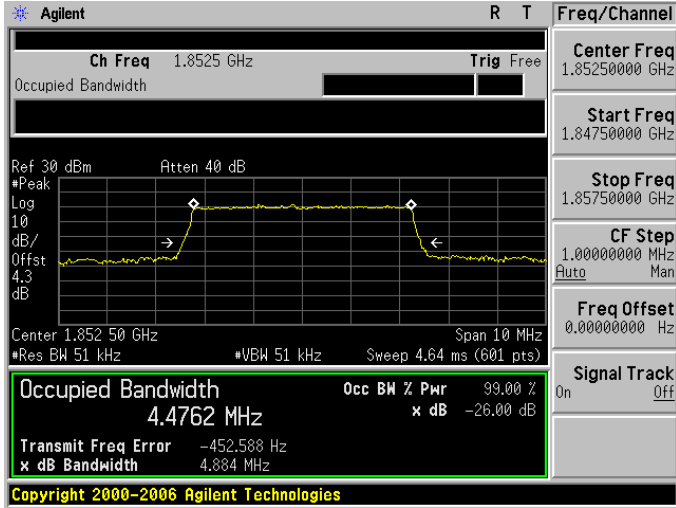
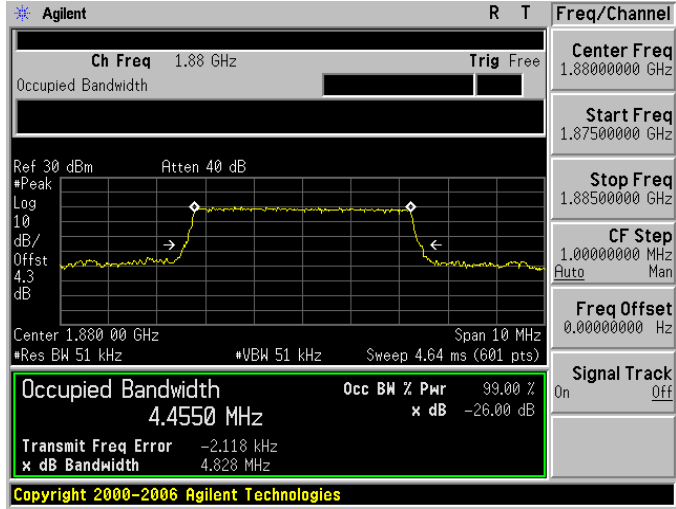
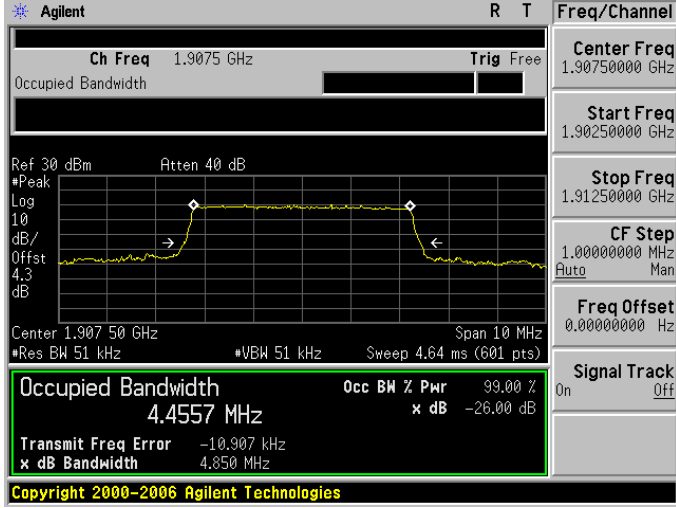
LTE Band 12				
Modulation	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	1.4 MHz	699.7	1.204	1.0771
		707.5	1.214	1.0767
		715.3	1.247	1.0788
	3 MHz	700.5	2.914	2.6860
		707.5	2.937	2.6820
		714.5	2.967	2.6953
	5 MHz	701.5	4.846	4.4726
		707.5	4.831	4.4708
		713.5	4.875	4.4841
	10 MHz	704.0	9.677	8.9950
		707.5	9.509	8.9076
		711.0	9.555	8.9244
16QAM	1.4 MHz	699.7	1.203	1.0773
		707.5	1.221	1.0757
		715.3	1.223	1.0789
	3 MHz	700.5	2.918	2.6839
		707.5	2.939	2.6824
		714.5	2.969	2.6945
	5 MHz	701.5	4.811	4.4737
		707.5	4.862	4.4704
		713.5	4.829	4.4677
	10 MHz	704.0	9.676	8.9859
		707.5	9.518	8.9132
		711.0	9.556	8.9252

LTE Band 30				
Modulation	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	5 MHz	2307.5	4.831	4.4731
		2310.0	4.876	4.4740
		2312.5	4.859	4.4679
	10 MHz	2310.0	9.617	8.9583
16QAM	5 MHz	2307.5	4.831	4.4736
		2310.0	4.884	4.4812
		2312.5	4.866	4.4712
	10 MHz	2310.0	9.626	8.9507

5.7. Test Graphs

LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1850.7 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8507 GHz Trig Free</p> <p>Center Freq 1.85070000 GHz</p> <p>Start Freq 1.84920000 GHz</p> <p>Stop Freq 1.85220000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.850 700 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0786 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.214 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 610.914 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87850000 GHz</p> <p>Stop Freq 1.88150000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0734 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.201 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 1.140 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1909.3 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9093 GHz Trig Free</p> <p>Center Freq 1.90930000 GHz</p> <p>Start Freq 1.90780000 GHz</p> <p>Stop Freq 1.91080000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.909 300 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0770 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.215 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -2.221 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

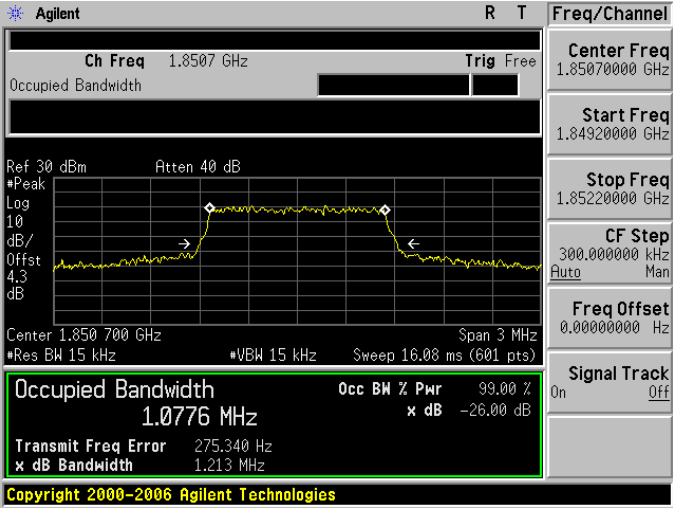
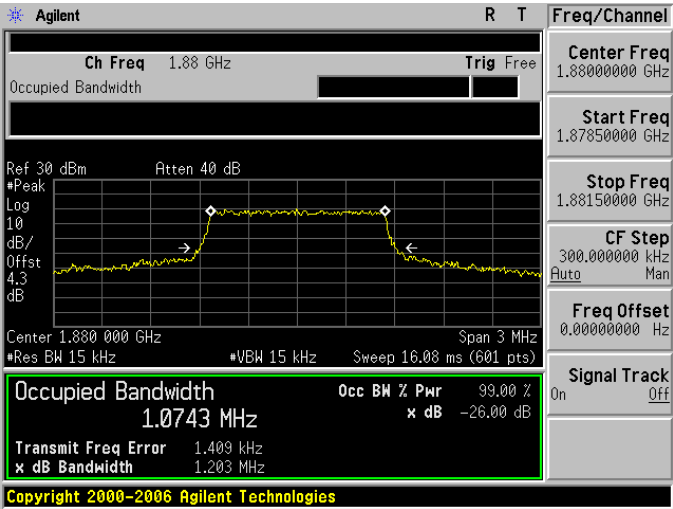
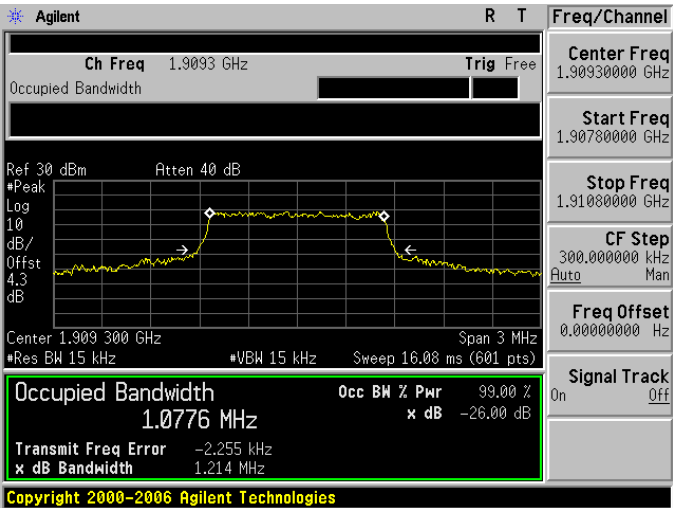
LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK	
1851.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8515 GHz Trig Free</p> <p>Center Freq 1.85150000 GHz</p> <p>Start Freq 1.84850000 GHz</p> <p>Stop Freq 1.85450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.851 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6834 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 2.132 kHz</p> <p>x dB Bandwidth 2.956 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87700000 GHz</p> <p>Stop Freq 1.88300000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6888 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 3.470 kHz</p> <p>x dB Bandwidth 2.938 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1908.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9085 GHz Trig Free</p> <p>Center Freq 1.90850000 GHz</p> <p>Start Freq 1.90550000 GHz</p> <p>Stop Freq 1.91150000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.908 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6854 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 54.762 Hz</p> <p>x dB Bandwidth 2.945 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK	
1852.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8525 GHz Trig Free</p> <p>Center Freq 1.85250000 GHz</p> <p>Start Freq 1.84750000 GHz</p> <p>Stop Freq 1.85750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.852 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4762 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -452.588 Hz</p> <p>x dB Bandwidth 4.384 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87500000 GHz</p> <p>Stop Freq 1.88500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4550 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -2.118 kHz</p> <p>x dB Bandwidth 4.323 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1907.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9075 GHz Trig Free</p> <p>Center Freq 1.90750000 GHz</p> <p>Start Freq 1.90250000 GHz</p> <p>Stop Freq 1.91250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.907 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4557 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.907 kHz</p> <p>x dB Bandwidth 4.350 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

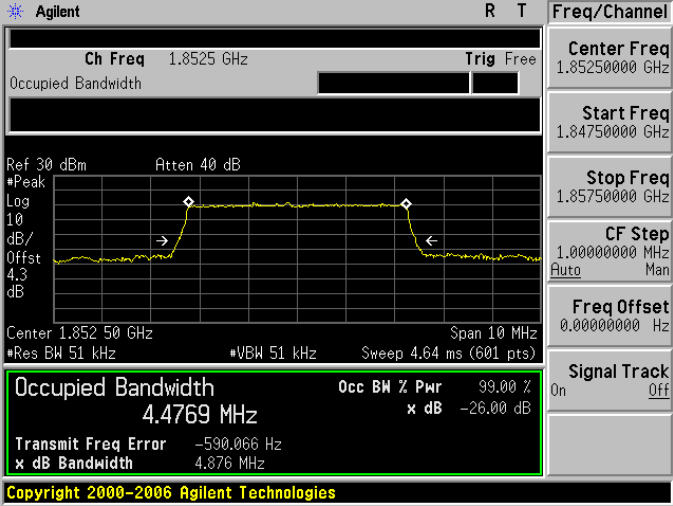
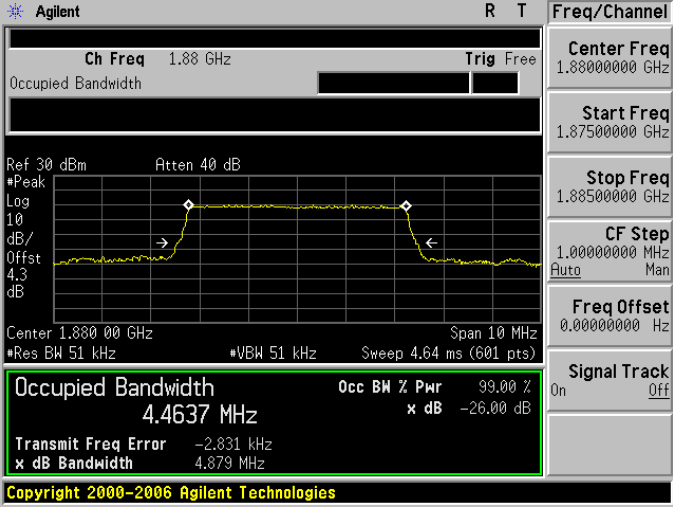
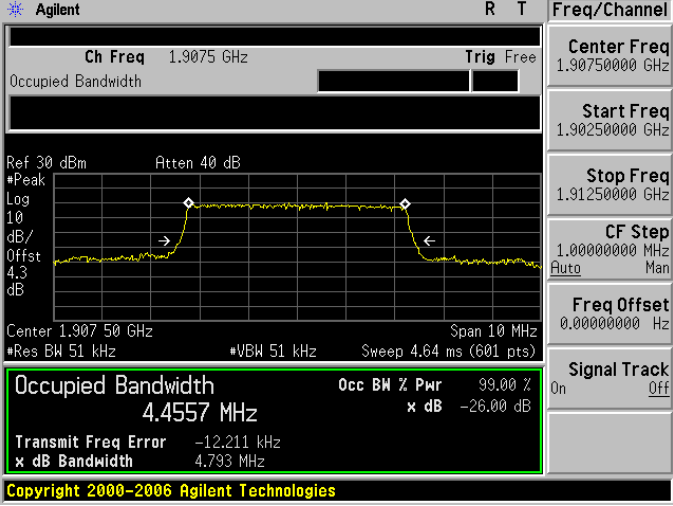
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK	
1855.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.855 GHz Trig Free</p> <p>Center Freq 1.8550000 GHz</p> <p>Start Freq 1.8450000 GHz</p> <p>Stop Freq 1.8650000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.855 00 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9577 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 13.237 kHz</p> <p>x dB Bandwidth 9.706 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.8800000 GHz</p> <p>Start Freq 1.8700000 GHz</p> <p>Stop Freq 1.8900000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.870 00 GHz Stop 1.890 00 GHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9401 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -7.445 kHz</p> <p>x dB Bandwidth 9.504 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1905.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.905 GHz Trig Free</p> <p>Center Freq 1.9050000 GHz</p> <p>Start Freq 1.8950000 GHz</p> <p>Stop Freq 1.9150000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.905 00 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9374 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -14.859 kHz</p> <p>x dB Bandwidth 9.576 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

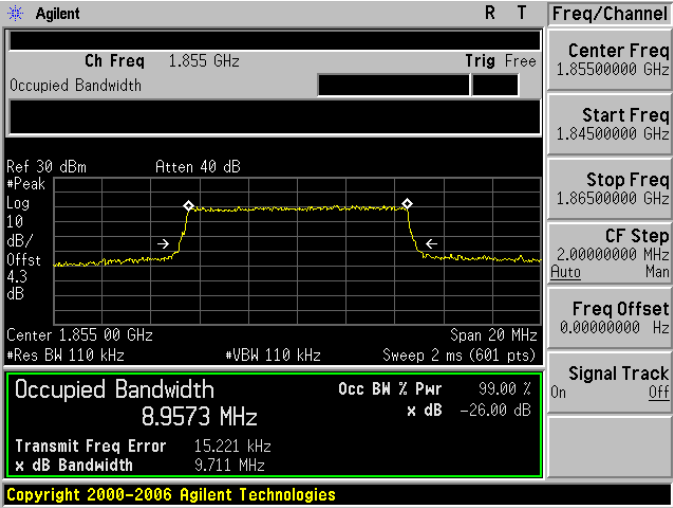
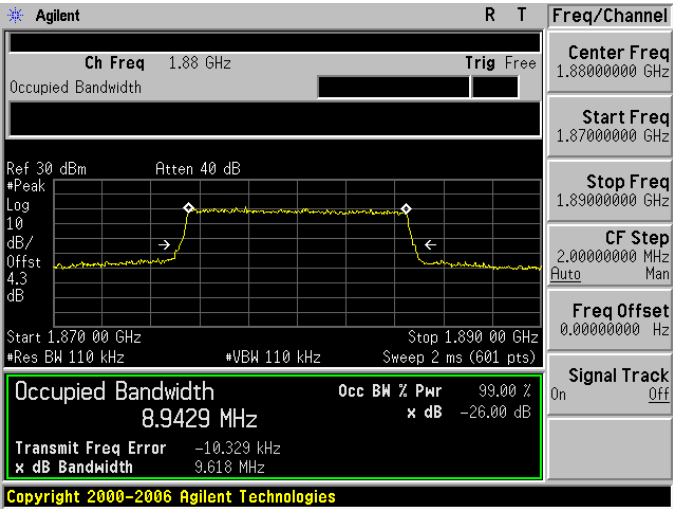
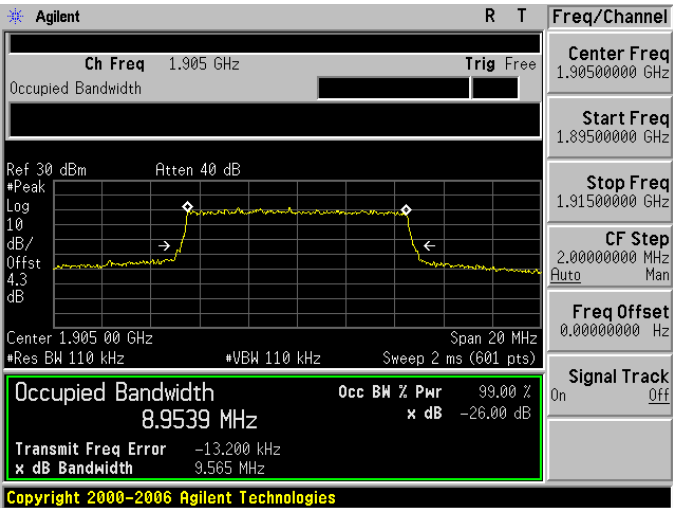
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK	
1857.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8575 GHz Trig Free</p> <p>Center Freq 1.85750000 GHz</p> <p>Start Freq 1.84250000 GHz</p> <p>Stop Freq 1.87250000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.857 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4452 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 34.485 kHz</p> <p>x dB Bandwidth 14.459 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86500000 GHz</p> <p>Stop Freq 1.89500000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.865 00 GHz Stop 1.895 00 GHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4050 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -19.304 kHz</p> <p>x dB Bandwidth 14.416 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1902.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9025 GHz Trig Free</p> <p>Center Freq 1.90250000 GHz</p> <p>Start Freq 1.88750000 GHz</p> <p>Stop Freq 1.91750000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.902 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3746 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 10.574 kHz</p> <p>x dB Bandwidth 14.284 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK	
1860.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.86 GHz Trig Free</p> <p>Center Freq 1.8600000 GHz</p> <p>Start Freq 1.8400000 GHz</p> <p>Stop Freq 1.8800000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.860 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9214 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 45.412 kHz</p> <p>x dB Bandwidth 18.986 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.8800000 GHz</p> <p>Start Freq 1.8600000 GHz</p> <p>Stop Freq 1.9000000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8657 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -20.732 kHz</p> <p>x dB Bandwidth 18.886 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1900.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9 GHz Trig Free</p> <p>Center Freq 1.9000000 GHz</p> <p>Start Freq 1.8800000 GHz</p> <p>Stop Freq 1.9200000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.900 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8568 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 17.361 kHz</p> <p>x dB Bandwidth 19.142 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ 16QAM	
1850.7 MHz	 <p>Agilent R T</p> <p>Ch Freq 1.8507 GHz Trig Free</p> <p>Center 1.850 700 GHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0776 MHz</p> <p>Transmit Freq Error 275.340 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	 <p>Agilent R T</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center 1.880 000 GHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0743 MHz</p> <p>Transmit Freq Error 1.409 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1909.3 MHz	 <p>Agilent R T</p> <p>Ch Freq 1.9093 GHz Trig Free</p> <p>Center 1.909 300 GHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0776 MHz</p> <p>Transmit Freq Error -2.255 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 2 (Channel Bandwidth: 3 MHz) _ 16QAM	
1851.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8515 GHz Trig Free</p> <p>Center Freq 1.85150000 GHz</p> <p>Start Freq 1.84850000 GHz</p> <p>Stop Freq 1.85450000 GHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak 10</p> <p>dB/Offst 4.3 dB</p> <p>Center 1.851 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6857 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 4.078 kHz</p> <p>x dB Bandwidth 2.954 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87700000 GHz</p> <p>Stop Freq 1.88300000 GHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak 10</p> <p>dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6813 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.928 kHz</p> <p>x dB Bandwidth 2.916 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1908.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9085 GHz Trig Free</p> <p>Center Freq 1.90850000 GHz</p> <p>Start Freq 1.90550000 GHz</p> <p>Stop Freq 1.91150000 GHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak 10</p> <p>dB/Offst 4.3 dB</p> <p>Center 1.908 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6850 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -195.284 Hz</p> <p>x dB Bandwidth 2.945 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

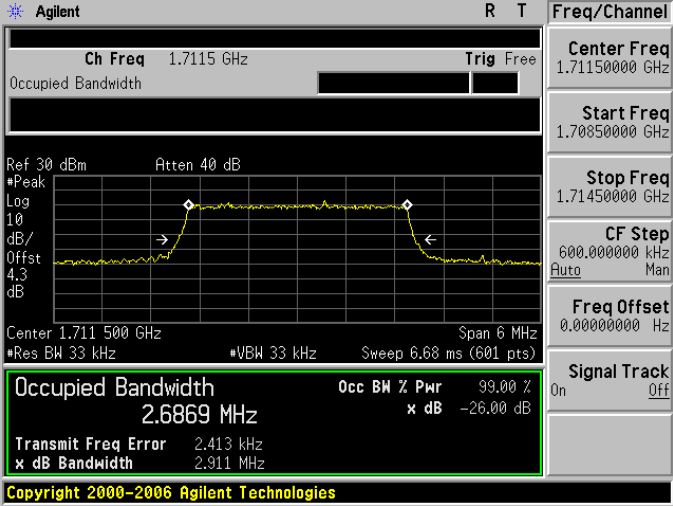
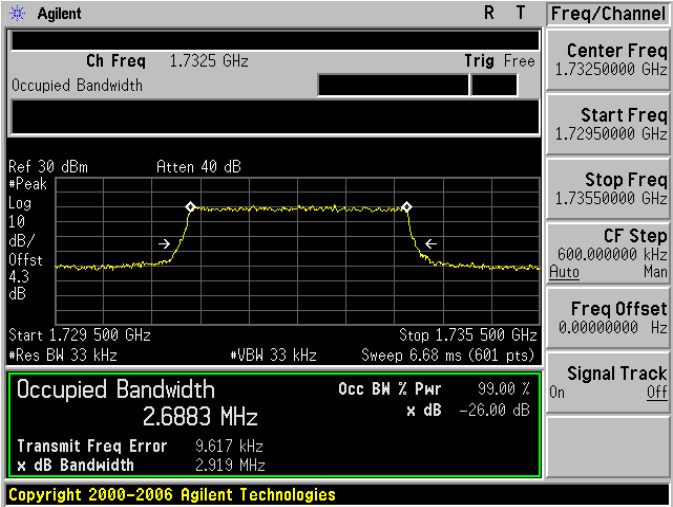
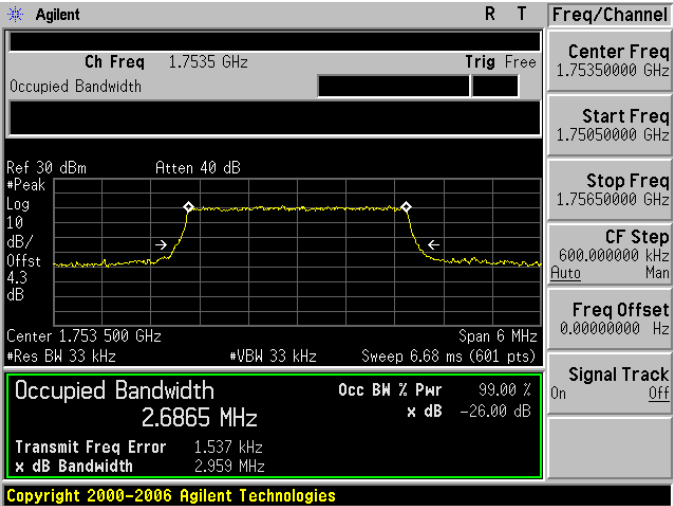
LTE Band 2 (Channel Bandwidth: 5 MHz) _ 16QAM	
1852.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8525 GHz Trig Free</p> <p>Center Freq 1.85250000 GHz</p> <p>Start Freq 1.84750000 GHz</p> <p>Stop Freq 1.85750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.852 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4769 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -590.066 Hz</p> <p>x dB Bandwidth 4.876 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87500000 GHz</p> <p>Stop Freq 1.88500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4637 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -2.831 kHz</p> <p>x dB Bandwidth 4.879 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1907.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9075 GHz Trig Free</p> <p>Center Freq 1.90750000 GHz</p> <p>Start Freq 1.90250000 GHz</p> <p>Stop Freq 1.91250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.907 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4557 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -12.211 kHz</p> <p>x dB Bandwidth 4.793 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

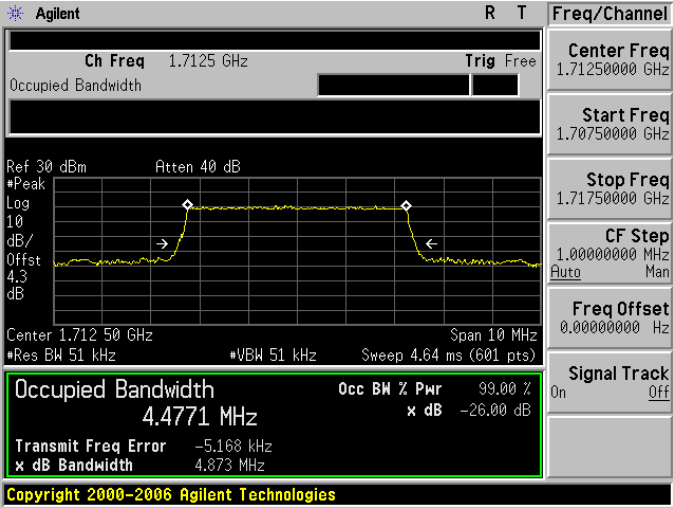
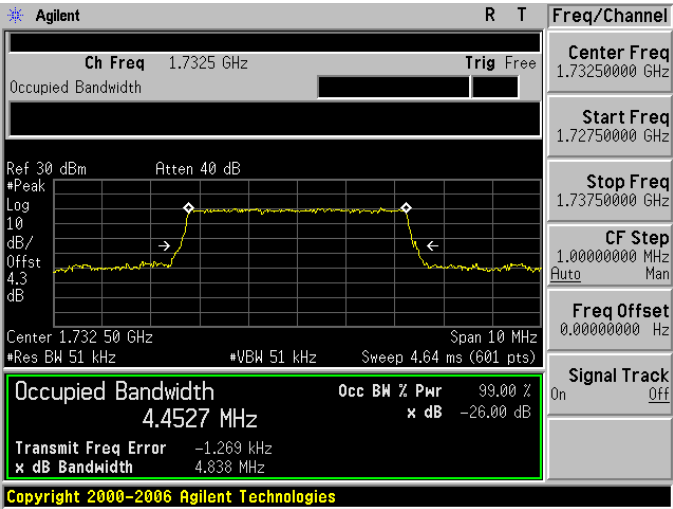
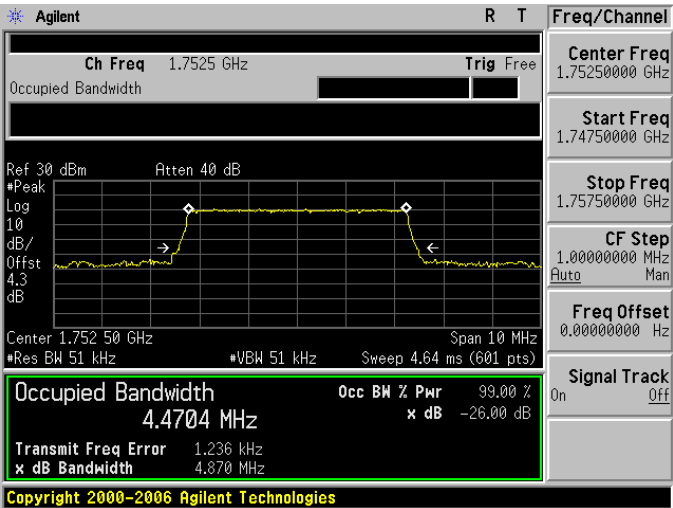
LTE Band 2 (Channel Bandwidth: 10 MHz) _ 16QAM	
1855.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.855 GHz Trig Free</p> <p>Center Freq 1.85500000 GHz</p> <p>Start Freq 1.84500000 GHz</p> <p>Stop Freq 1.86500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 4.3 dB</p> <p>Center 1.855 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9573 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 15.221 kHz</p> <p>x dB Bandwidth 9.711 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87000000 GHz</p> <p>Stop Freq 1.89000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 4.3 dB</p> <p>Start 1.870 00 GHz Stop 1.890 00 GHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9429 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.329 kHz</p> <p>x dB Bandwidth 9.618 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1905.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.905 GHz Trig Free</p> <p>Center Freq 1.90500000 GHz</p> <p>Start Freq 1.89500000 GHz</p> <p>Stop Freq 1.91500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 4.3 dB</p> <p>Center 1.905 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9539 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -13.200 kHz</p> <p>x dB Bandwidth 9.565 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

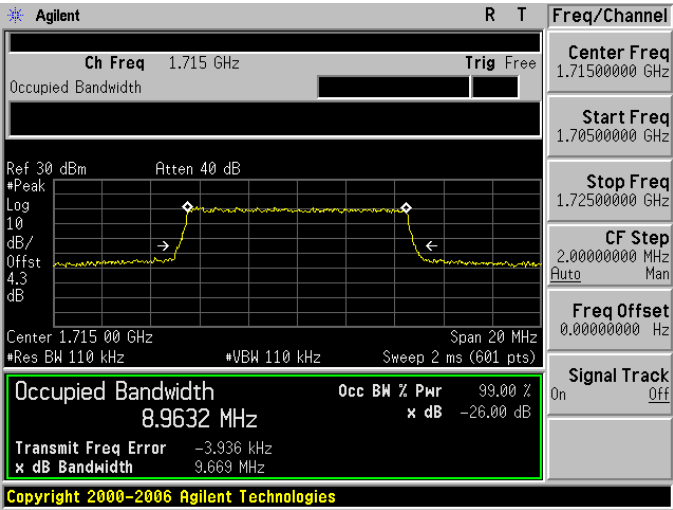
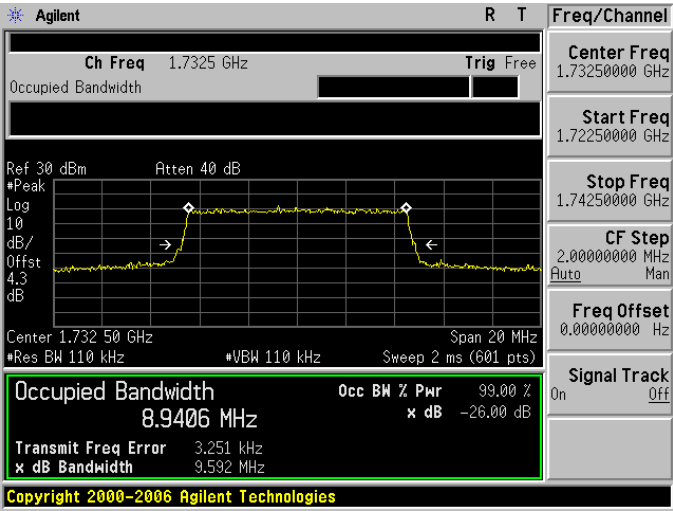
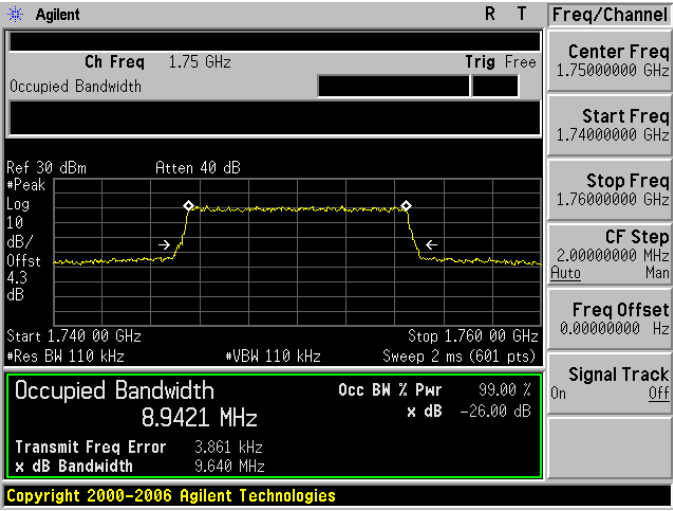
LTE Band 2 (Channel Bandwidth: 15 MHz) _ 16QAM	
1857.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8575 GHz Trig Free</p> <p>Center Freq 1.85750000 GHz</p> <p>Start Freq 1.84250000 GHz</p> <p>Stop Freq 1.87250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.857 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4546 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 35.027 kHz</p> <p>x dB Bandwidth 14.370 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86500000 GHz</p> <p>Stop Freq 1.89500000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.865 00 GHz Stop 1.895 00 GHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4064 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -14.072 kHz</p> <p>x dB Bandwidth 14.415 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1902.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9025 GHz Trig Free</p> <p>Center Freq 1.90250000 GHz</p> <p>Start Freq 1.88750000 GHz</p> <p>Stop Freq 1.91750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.902 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3863 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 10.607 kHz</p> <p>x dB Bandwidth 14.275 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 2 (Channel Bandwidth: 20 MHz) _ 16QAM	
1860.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.86 GHz Trig Free</p> <p>Center Freq 1.86000000 GHz</p> <p>Start Freq 1.84000000 GHz</p> <p>Stop Freq 1.88000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.860 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9040 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 52.420 kHz</p> <p>x dB Bandwidth 18.982 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1880.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86000000 GHz</p> <p>Stop Freq 1.90000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8507 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -26.781 kHz</p> <p>x dB Bandwidth 19.001 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1900.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9 GHz Trig Free</p> <p>Center Freq 1.90000000 GHz</p> <p>Start Freq 1.88000000 GHz</p> <p>Stop Freq 1.92000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.900 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8193 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 15.767 kHz</p> <p>x dB Bandwidth 18.886 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

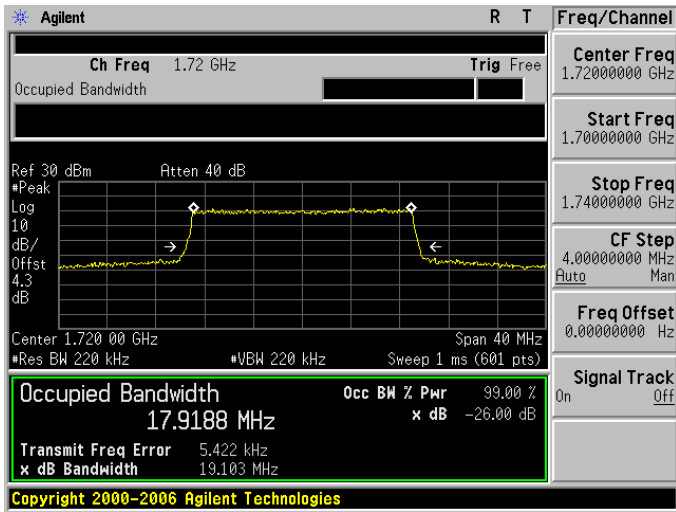
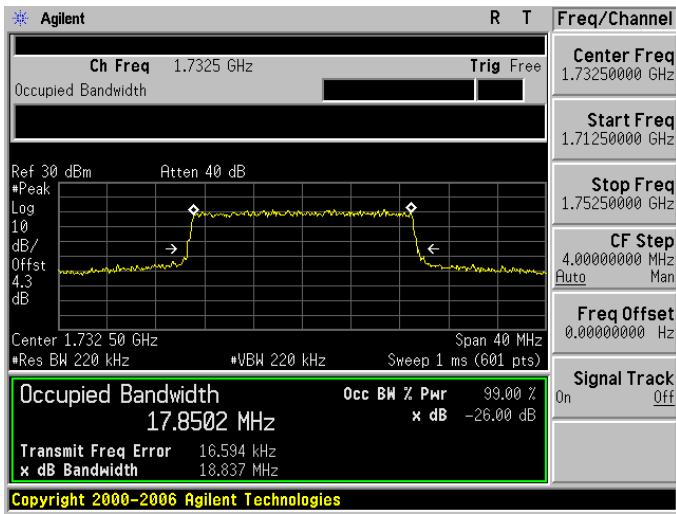
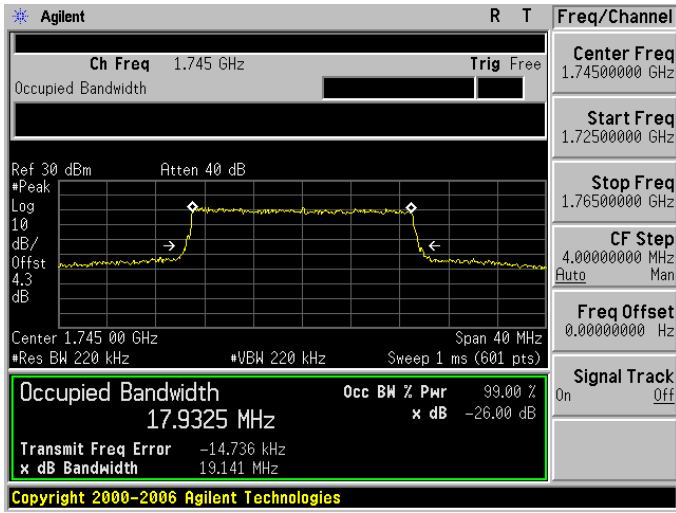
LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1710.7 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7107 GHz Trig Free</p> <p>Center Freq 1.7107000 GHz</p> <p>Start Freq 1.7092000 GHz</p> <p>Stop Freq 1.7122000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.710 700 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0744 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.716 kHz</p> <p>x dB Bandwidth 1.202 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7310000 GHz</p> <p>Stop Freq 1.7340000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 500 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0767 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -465.541 Hz</p> <p>x dB Bandwidth 1.211 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1754.3 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7543 GHz Trig Free</p> <p>Center Freq 1.7543000 GHz</p> <p>Start Freq 1.7528000 GHz</p> <p>Stop Freq 1.7558000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.754 300 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0785 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.056 kHz</p> <p>x dB Bandwidth 1.211 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK	
1711.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7115 GHz Trig Free</p> <p>Center Freq 1.71150000 GHz</p> <p>Start Freq 1.70850000 GHz</p> <p>Stop Freq 1.71450000 GHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.711 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6869 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 2.413 kHz</p> <p>x dB Bandwidth 2.911 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72950000 GHz</p> <p>Stop Freq 1.73550000 GHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.729 500 GHz Stop 1.735 500 GHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6883 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 9.617 kHz</p> <p>x dB Bandwidth 2.919 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1753.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7535 GHz Trig Free</p> <p>Center Freq 1.75350000 GHz</p> <p>Start Freq 1.75050000 GHz</p> <p>Stop Freq 1.75650000 GHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.753 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6865 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.537 kHz</p> <p>x dB Bandwidth 2.959 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK	
1712.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7125 GHz Trig Free</p> <p>Center Freq 1.71250000 GHz</p> <p>Start Freq 1.70750000 GHz</p> <p>Stop Freq 1.71750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.712 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4771 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -5.168 kHz</p> <p>x dB Bandwidth 4.873 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72750000 GHz</p> <p>Stop Freq 1.73750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4527 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.269 kHz</p> <p>x dB Bandwidth 4.838 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1752.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7525 GHz Trig Free</p> <p>Center Freq 1.75250000 GHz</p> <p>Start Freq 1.74750000 GHz</p> <p>Stop Freq 1.75750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.752 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4704 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.236 kHz</p> <p>x dB Bandwidth 4.870 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

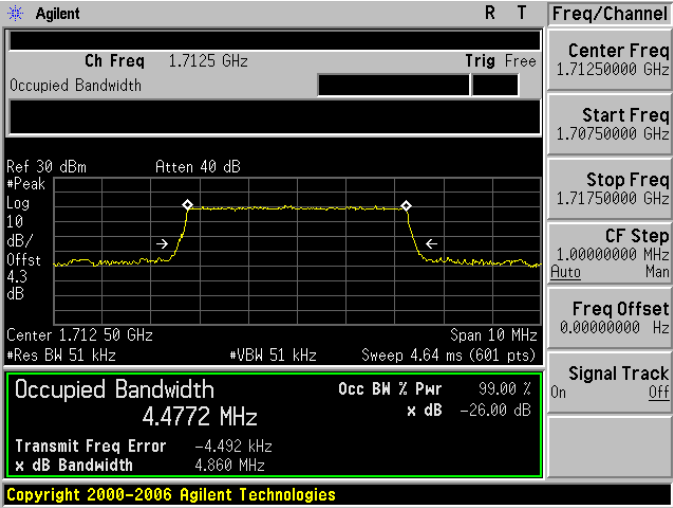
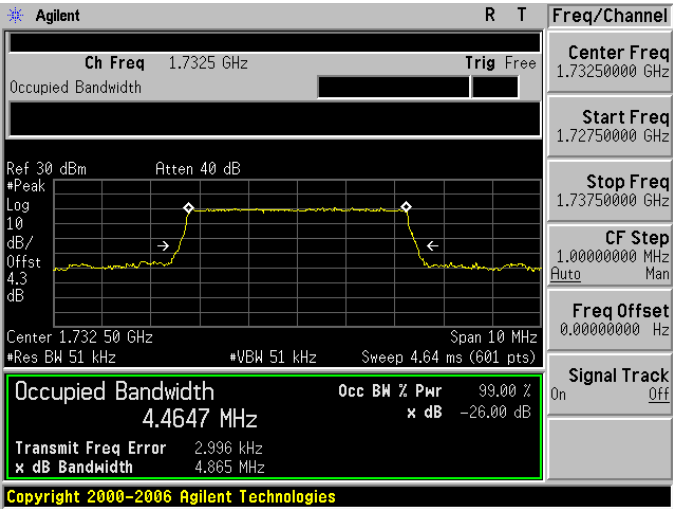
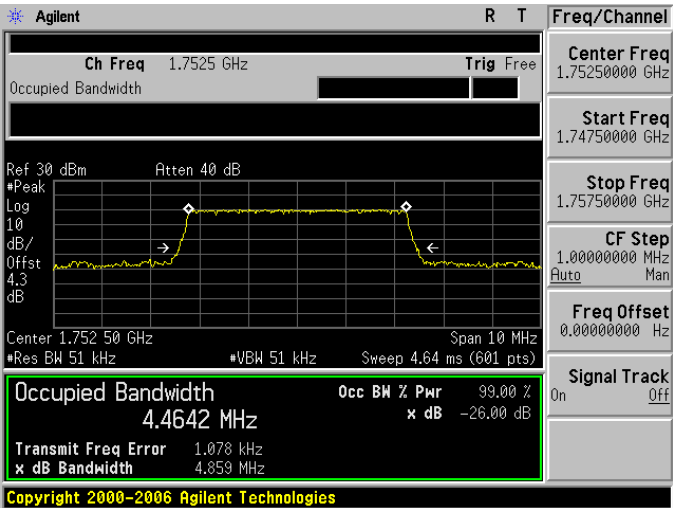
LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK	
1715.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.715 GHz Trig Free</p> <p>Center Freq 1.7150000 GHz</p> <p>Start Freq 1.7050000 GHz</p> <p>Stop Freq 1.7250000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.715 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9632 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -3.936 kHz</p> <p>x dB Bandwidth 9.669 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7225000 GHz</p> <p>Stop Freq 1.7425000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9406 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 3.251 kHz</p> <p>x dB Bandwidth 9.592 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1750.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.75 GHz Trig Free</p> <p>Center Freq 1.7500000 GHz</p> <p>Start Freq 1.7400000 GHz</p> <p>Stop Freq 1.7600000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.740 00 GHz Stop 1.760 00 GHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9421 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 3.861 kHz</p> <p>x dB Bandwidth 9.640 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK	
1717.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7175 GHz Trig Free</p> <p>Center Freq 1.71750000 GHz</p> <p>Start Freq 1.70250000 GHz</p> <p>Stop Freq 1.73250000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.717 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4464 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 9.457 kHz</p> <p>x dB Bandwidth 14.398 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.71750000 GHz</p> <p>Stop Freq 1.74750000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3954 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 11.210 kHz</p> <p>x dB Bandwidth 14.198 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1747.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7475 GHz Trig Free</p> <p>Center Freq 1.74750000 GHz</p> <p>Start Freq 1.73250000 GHz</p> <p>Stop Freq 1.76250000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.747 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4528 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -6.955 kHz</p> <p>x dB Bandwidth 14.455 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK	
1720.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.72 GHz Trig Free</p> <p>Center Freq 1.7200000 GHz</p> <p>Start Freq 1.7000000 GHz</p> <p>Stop Freq 1.7400000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.720 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9188 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 5.422 kHz</p> <p>x dB Bandwidth 19.103 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7125000 GHz</p> <p>Stop Freq 1.7525000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8502 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 16.594 kHz</p> <p>x dB Bandwidth 18.837 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1745.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.745 GHz Trig Free</p> <p>Center Freq 1.7450000 GHz</p> <p>Start Freq 1.7250000 GHz</p> <p>Stop Freq 1.7650000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.745 00 GHz Span 40 MHz</p> <p>*Res BW 220 kHz *VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9325 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -14.736 kHz</p> <p>x dB Bandwidth 19.141 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

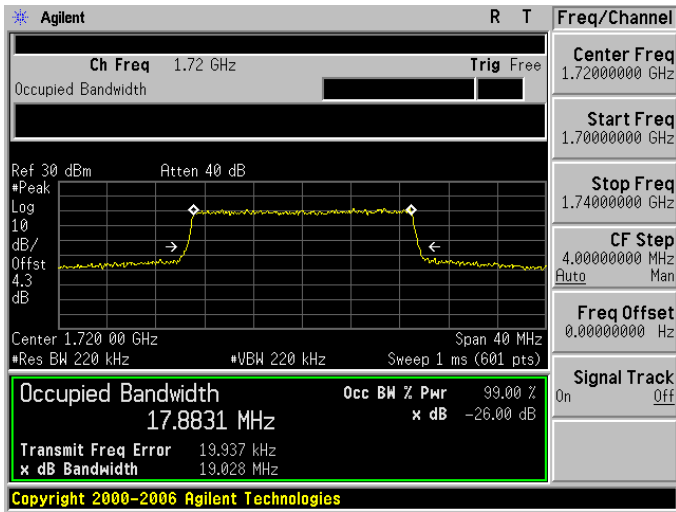
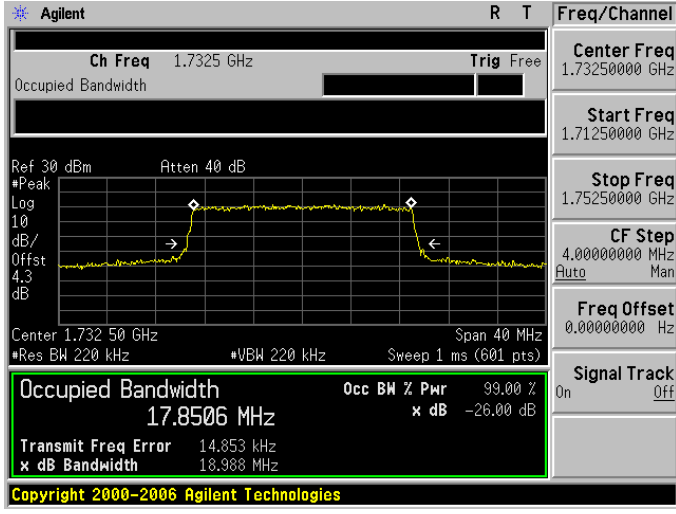
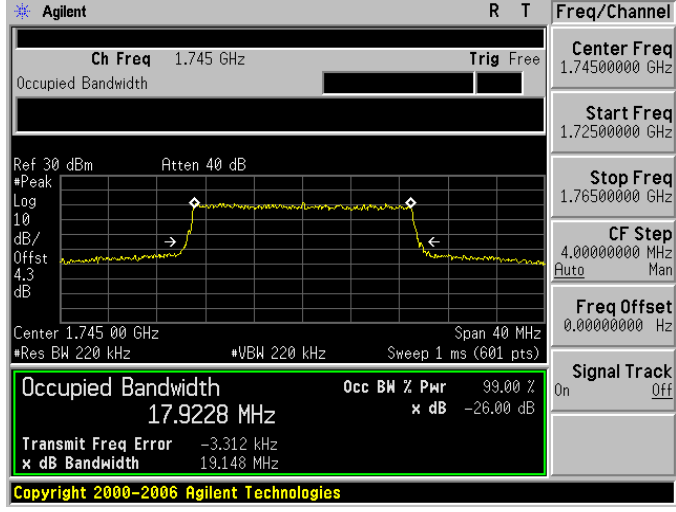
LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ 16QAM	
1710.7 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7107 GHz Trig Free</p> <p>Center Freq 1.7107000 GHz</p> <p>Start Freq 1.7092000 GHz</p> <p>Stop Freq 1.7122000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.710 700 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0747 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.612 kHz</p> <p>x dB Bandwidth 1.192 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7310000 GHz</p> <p>Stop Freq 1.7340000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 500 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0757 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -586.019 Hz</p> <p>x dB Bandwidth 1.212 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1754.3 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7543 GHz Trig Free</p> <p>Center Freq 1.7543000 GHz</p> <p>Start Freq 1.7528000 GHz</p> <p>Stop Freq 1.7558000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.754 300 GHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0787 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 959.277 Hz</p> <p>x dB Bandwidth 1.210 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 3 MHz) _ 16QAM	
1711.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7115 GHz Trig Free</p> <p>Center Freq 1.71150000 GHz</p> <p>Start Freq 1.70850000 GHz</p> <p>Stop Freq 1.71450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.711 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6884 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.628 kHz</p> <p>x dB Bandwidth 2.911 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72950000 GHz</p> <p>Stop Freq 1.73550000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.729 500 GHz Stop 1.735 500 GHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6894 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 9.492 kHz</p> <p>x dB Bandwidth 2.930 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1753.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7535 GHz Trig Free</p> <p>Center Freq 1.75350000 GHz</p> <p>Start Freq 1.75050000 GHz</p> <p>Stop Freq 1.75650000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.753 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6849 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 3.840 kHz</p> <p>x dB Bandwidth 2.955 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 5 MHz) _ 16QAM	
1712.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7125 GHz Trig Free</p> <p>Center Freq 1.7125000 GHz</p> <p>Start Freq 1.7075000 GHz</p> <p>Stop Freq 1.7175000 GHz</p> <p>CF Step 1.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.712 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4772 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -4.492 kHz</p> <p>x dB Bandwidth 4.860 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7275000 GHz</p> <p>Stop Freq 1.7375000 GHz</p> <p>CF Step 1.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4647 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 2.996 kHz</p> <p>x dB Bandwidth 4.865 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1752.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7525 GHz Trig Free</p> <p>Center Freq 1.7525000 GHz</p> <p>Start Freq 1.7475000 GHz</p> <p>Stop Freq 1.7575000 GHz</p> <p>CF Step 1.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.752 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4642 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.078 kHz</p> <p>x dB Bandwidth 4.859 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

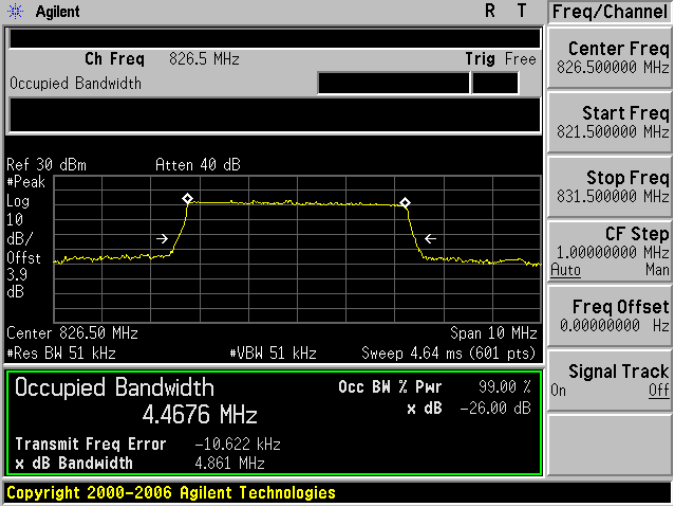
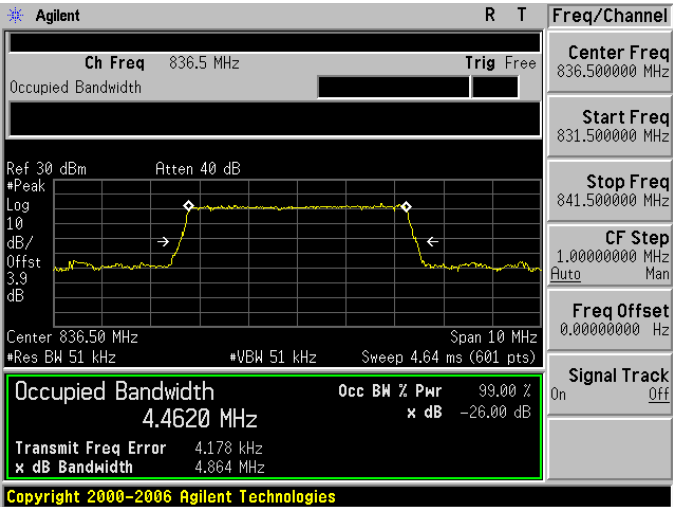
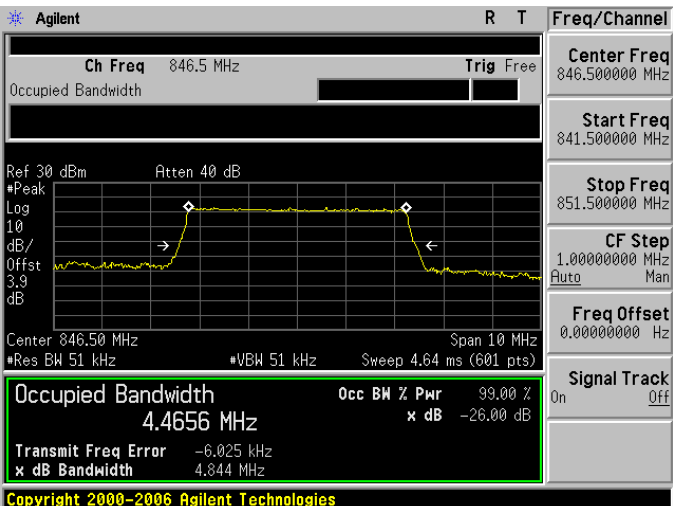
LTE Band 4 (Channel Bandwidth: 10 MHz) _ 16QAM	
1715.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.715 GHz Trig Free</p> <p>Center Freq 1.7150000 GHz</p> <p>Start Freq 1.7050000 GHz</p> <p>Stop Freq 1.7250000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.715 00 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9607 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -7.504 kHz</p> <p>x dB Bandwidth 9.676 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7225000 GHz</p> <p>Stop Freq 1.7425000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9359 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.279 kHz</p> <p>x dB Bandwidth 9.616 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1750.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.75 GHz Trig Free</p> <p>Center Freq 1.7500000 GHz</p> <p>Start Freq 1.7400000 GHz</p> <p>Stop Freq 1.7600000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.740 00 GHz Stop 1.760 00 GHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9485 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 1.402 kHz</p> <p>x dB Bandwidth 9.592 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

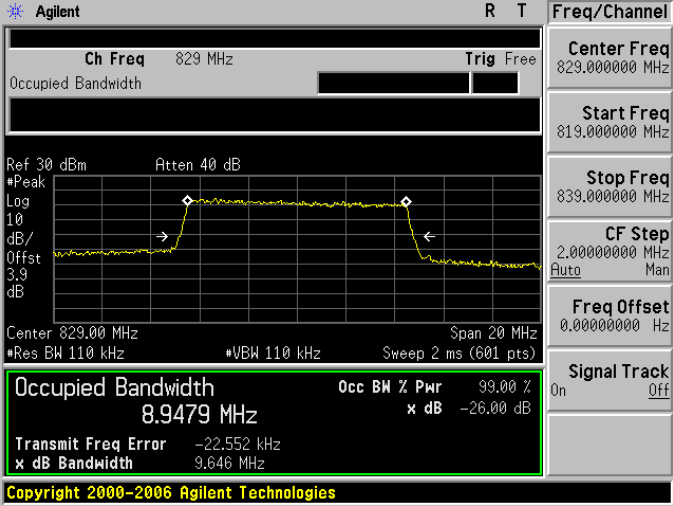
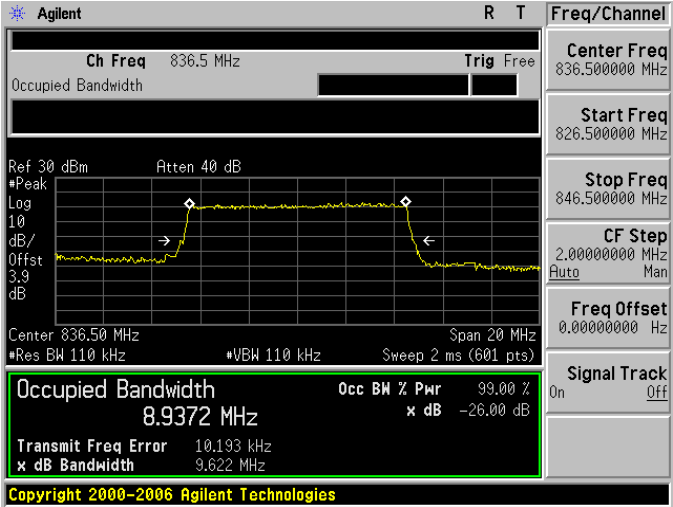
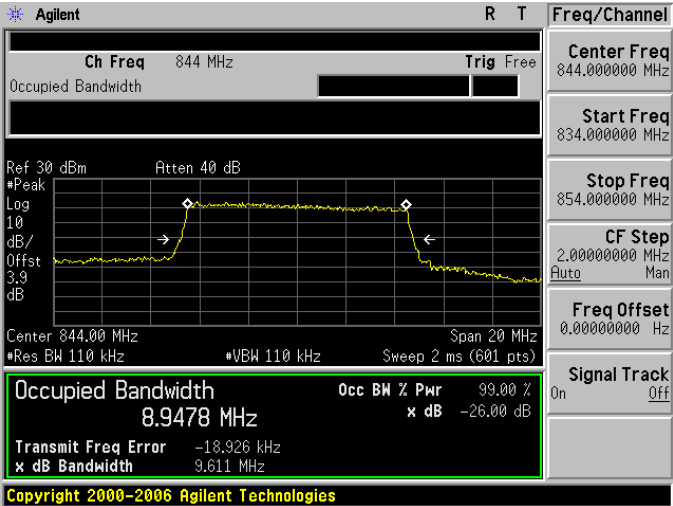
LTE Band 4 (Channel Bandwidth: 15 MHz) _ 16QAM	
1717.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7175 GHz Trig Free</p> <p>Center Freq 1.71750000 GHz</p> <p>Start Freq 1.70250000 GHz</p> <p>Stop Freq 1.73250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.717 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4447 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 8.791 kHz</p> <p>x dB Bandwidth 14.384 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.71750000 GHz</p> <p>Stop Freq 1.74750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.3859 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 6.692 kHz</p> <p>x dB Bandwidth 14.334 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1747.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7475 GHz Trig Free</p> <p>Center Freq 1.74750000 GHz</p> <p>Start Freq 1.73250000 GHz</p> <p>Stop Freq 1.76250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.747 50 GHz Span 30 MHz</p> <p>*Res BW 160 kHz *VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4672 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -6.896 kHz</p> <p>x dB Bandwidth 14.445 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 4 (Channel Bandwidth: 20 MHz) _ 16QAM	
1720.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.72 GHz Trig Free</p> <p>Center Freq 1.7200000 GHz</p> <p>Start Freq 1.7000000 GHz</p> <p>Stop Freq 1.7400000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.720 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8831 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 19.937 kHz</p> <p>x dB Bandwidth 19.028 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1732.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7125000 GHz</p> <p>Stop Freq 1.7525000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8506 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 14.853 kHz</p> <p>x dB Bandwidth 18.988 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
1745.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.745 GHz Trig Free</p> <p>Center Freq 1.7450000 GHz</p> <p>Start Freq 1.7250000 GHz</p> <p>Stop Freq 1.7650000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.745 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9228 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -3.312 kHz</p> <p>x dB Bandwidth 19.148 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK	
824.7 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 824.7 MHz Trig Free</p> <p>Center Freq 824.700000 MHz</p> <p>Start Freq 823.200000 MHz</p> <p>Stop Freq 826.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 824.700 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0768 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Transmit Freq Error -72.271 Hz</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 835.000000 MHz</p> <p>Stop Freq 838.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0770 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.182 MHz</p> <p>Transmit Freq Error 1.047 kHz</p> <p>x dB Bandwidth 1.182 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
848.3 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 848.3 MHz Trig Free</p> <p>Center Freq 848.300000 MHz</p> <p>Start Freq 846.800000 MHz</p> <p>Stop Freq 849.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 848.300 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0751 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.189 MHz</p> <p>Transmit Freq Error -1.004 kHz</p> <p>x dB Bandwidth 1.189 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK	
825.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 825.5 MHz Trig Free</p> <p>Center Freq 825.500000 MHz</p> <p>Start Freq 822.500000 MHz</p> <p>Stop Freq 828.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 825.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6793 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.925 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -74.139 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 833.500000 MHz</p> <p>Stop Freq 839.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6783 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.936 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 2.109 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
847.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 847.5 MHz Trig Free</p> <p>Center Freq 847.500000 MHz</p> <p>Start Freq 844.500000 MHz</p> <p>Stop Freq 850.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 847.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6898 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.954 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 865.859 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 5 MHz) _ QPSK	
826.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 826.5 MHz Trig Free</p> <p>Center Freq 826.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 831.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 826.50 MHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4676 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.622 kHz</p> <p>x dB Bandwidth 4.861 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 831.500000 MHz</p> <p>Stop Freq 841.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4620 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.178 kHz</p> <p>x dB Bandwidth 4.864 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
846.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 846.5 MHz Trig Free</p> <p>Center Freq 846.500000 MHz</p> <p>Start Freq 841.500000 MHz</p> <p>Stop Freq 851.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 846.50 MHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4656 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -6.025 kHz</p> <p>x dB Bandwidth 4.844 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK	
829.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 829 MHz Trig Free</p> <p>Center Freq 829.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 839.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 829.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9479 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -22.552 kHz</p> <p>x dB Bandwidth 9.646 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 826.500000 MHz</p> <p>Stop Freq 846.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9372 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 10.193 kHz</p> <p>x dB Bandwidth 9.622 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
844.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 844 MHz Trig Free</p> <p>Center Freq 844.000000 MHz</p> <p>Start Freq 834.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 844.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9478 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -18.926 kHz</p> <p>x dB Bandwidth 9.611 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ 16QAM	
824.7 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 824.7 MHz Trig Free</p> <p>Center Freq 824.700000 MHz</p> <p>Start Freq 823.200000 MHz</p> <p>Stop Freq 826.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 824.700 MHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0770 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -293.708 Hz</p> <p>x dB Bandwidth 1.215 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 835.000000 MHz</p> <p>Stop Freq 838.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 836.500 MHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0769 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 664.992 Hz</p> <p>x dB Bandwidth 1.189 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
848.3 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 848.3 MHz Trig Free</p> <p>Center Freq 848.300000 MHz</p> <p>Start Freq 846.800000 MHz</p> <p>Stop Freq 849.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 848.300 MHz Span 3 MHz</p> <p>*Res BW 15 kHz *VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0751 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -484.355 Hz</p> <p>x dB Bandwidth 1.201 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 3 MHz) _ 16QAM	
825.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 825.5 MHz Trig Free</p> <p>Center Freq 825.500000 MHz</p> <p>Start Freq 822.500000 MHz</p> <p>Stop Freq 828.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 825.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6787 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 841.885 Hz</p> <p>x dB Bandwidth 2.925 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 833.500000 MHz</p> <p>Stop Freq 839.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6801 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 4.568 kHz</p> <p>x dB Bandwidth 2.938 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
847.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 847.5 MHz Trig Free</p> <p>Center Freq 847.500000 MHz</p> <p>Start Freq 844.500000 MHz</p> <p>Stop Freq 850.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 847.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6882 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 2.790 kHz</p> <p>x dB Bandwidth 2.924 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 5 (Channel Bandwidth: 5 MHz) _ 16QAM	
826.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 826.5 MHz Trig Free</p> <p>Center Freq 826.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 831.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 826.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4687 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.495 kHz</p> <p>x dB Bandwidth 4.851 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 831.500000 MHz</p> <p>Stop Freq 841.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 836.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4646 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 5.247 kHz</p> <p>x dB Bandwidth 4.884 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
846.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 846.5 MHz Trig Free</p> <p>Center Freq 846.500000 MHz</p> <p>Start Freq 841.500000 MHz</p> <p>Stop Freq 851.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 846.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4631 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -5.942 kHz</p> <p>x dB Bandwidth 4.838 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

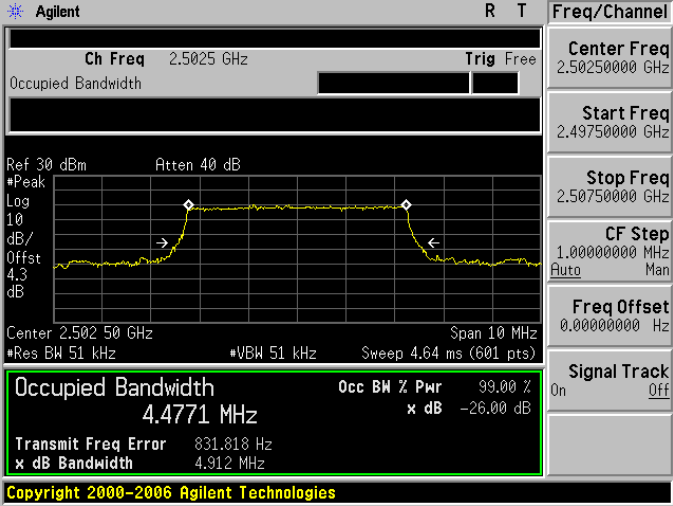
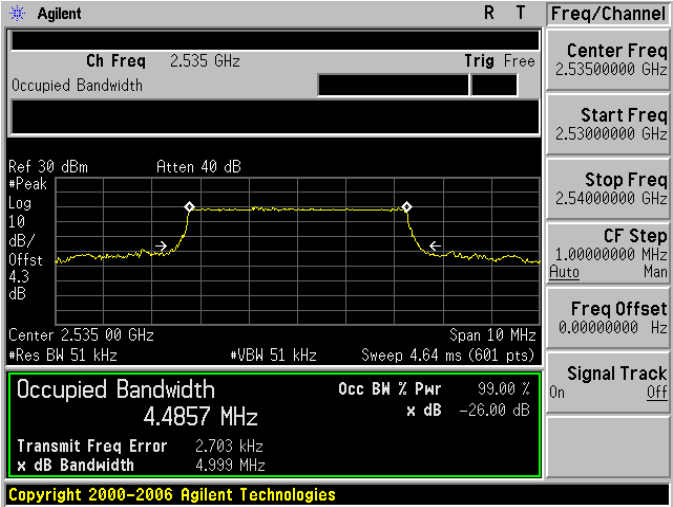
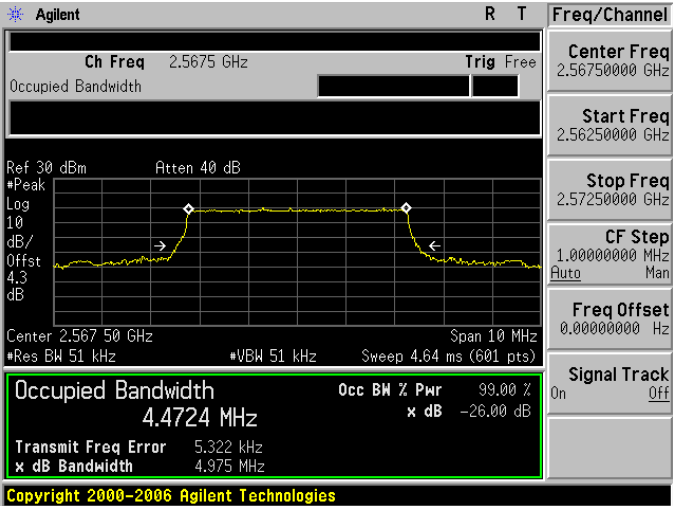
LTE Band 5 (Channel Bandwidth: 10 MHz) _ 16QAM	
829.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 829 MHz Trig Free</p> <p>Center Freq 829.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 839.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 829.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9450 MHz Occ BW % Pwr 99.00 %</p> <p>Transmit Freq Error -23.901 kHz x dB Bandwidth 9.669 MHz x dB -26.00 dB</p> <p>Copyright 2000-2006 Agilent Technologies</p>
836.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 826.500000 MHz</p> <p>Stop Freq 846.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9391 MHz Occ BW % Pwr 99.00 %</p> <p>Transmit Freq Error 11.560 kHz x dB Bandwidth 9.625 MHz x dB -26.00 dB</p> <p>Copyright 2000-2006 Agilent Technologies</p>
844.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 844 MHz Trig Free</p> <p>Center Freq 844.000000 MHz</p> <p>Start Freq 834.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 844.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9543 MHz Occ BW % Pwr 99.00 %</p> <p>Transmit Freq Error -15.971 kHz x dB Bandwidth 9.529 MHz x dB -26.00 dB</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 7 (Channel Bandwidth: 5 MHz) _ QPSK	
2502.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5025 GHz Trig Free</p> <p>Center Freq 2.50250000 GHz</p> <p>Start Freq 2.49750000 GHz</p> <p>Stop Freq 2.50750000 GHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.502 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4763 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.150 kHz</p> <p>x dB Bandwidth 4.930 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.53000000 GHz</p> <p>Stop Freq 2.54000000 GHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4862 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.680 kHz</p> <p>x dB Bandwidth 4.973 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2567.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5675 GHz Trig Free</p> <p>Center Freq 2.56750000 GHz</p> <p>Start Freq 2.56250000 GHz</p> <p>Stop Freq 2.57250000 GHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.567 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4753 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 4.066 kHz</p> <p>x dB Bandwidth 4.373 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK	
2505.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.505 GHz Trig Free</p> <p>Center Freq 2.50500000 GHz</p> <p>Start Freq 2.49500000 GHz</p> <p>Stop Freq 2.51500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.505 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9485 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 27.743 kHz</p> <p>x dB Bandwidth 9.706 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.52500000 GHz</p> <p>Stop Freq 2.54500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9512 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -1.212 kHz</p> <p>x dB Bandwidth 9.804 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2565.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.565 GHz Trig Free</p> <p>Center Freq 2.56500000 GHz</p> <p>Start Freq 2.55500000 GHz</p> <p>Stop Freq 2.57500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.565 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9526 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 11.162 kHz</p> <p>x dB Bandwidth 9.785 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 7 (Channel Bandwidth: 15 MHz) _ QPSK	
2507.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5075 GHz Trig Free</p> <p>Center Freq 2.5075000 GHz</p> <p>Start Freq 2.4925000 GHz</p> <p>Stop Freq 2.5225000 GHz</p> <p>CF Step 3.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.507 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3824 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 28.076 kHz</p> <p>x dB Bandwidth 14.667 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.5350000 GHz</p> <p>Start Freq 2.5200000 GHz</p> <p>Stop Freq 2.5500000 GHz</p> <p>CF Step 3.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4350 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -10.564 kHz</p> <p>x dB Bandwidth 14.492 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2562.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5625 GHz Trig Free</p> <p>Center Freq 2.5625000 GHz</p> <p>Start Freq 2.5475000 GHz</p> <p>Stop Freq 2.5775000 GHz</p> <p>CF Step 3.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.562 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4619 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 15.078 kHz</p> <p>x dB Bandwidth 14.591 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 7 (Channel Bandwidth: 20 MHz) _ QPSK	
2510.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.51 GHz Trig Free</p> <p>Center Freq 2.51000000 GHz</p> <p>Start Freq 2.49000000 GHz</p> <p>Stop Freq 2.53000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.510 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.7681 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 34.780 kHz</p> <p>x dB Bandwidth 18.873 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.51500000 GHz</p> <p>Stop Freq 2.55500000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8904 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 7.709 kHz</p> <p>x dB Bandwidth 19.315 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2560.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.56 GHz Trig Free</p> <p>Center Freq 2.56000000 GHz</p> <p>Start Freq 2.54000000 GHz</p> <p>Stop Freq 2.58000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.560 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8647 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 27.592 kHz</p> <p>x dB Bandwidth 19.418 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

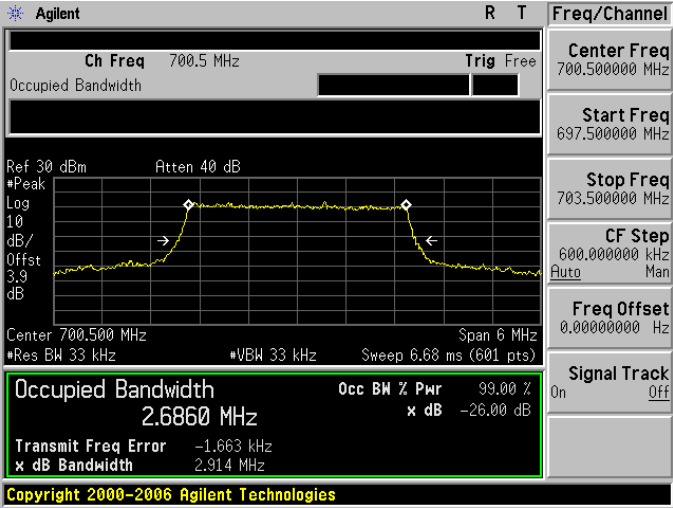
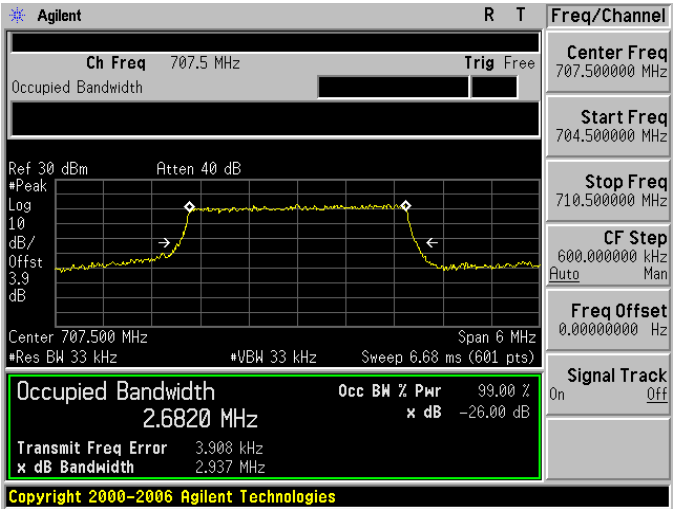
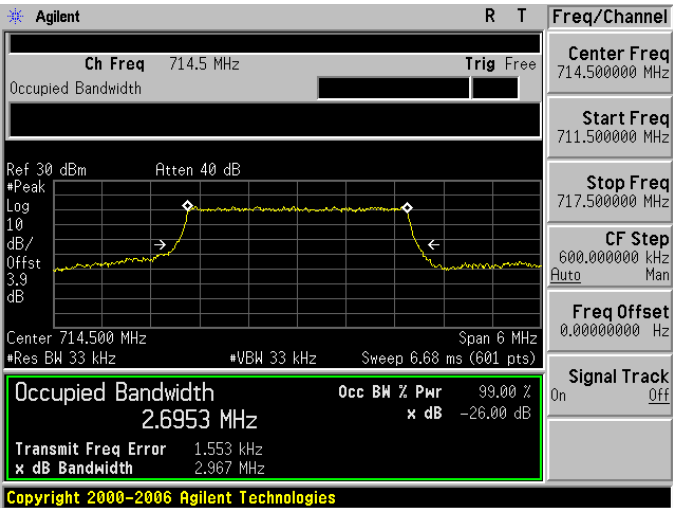
LTE Band 7 (Channel Bandwidth: 5 MHz) _ 16QAM	
2502.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5025 GHz Trig Free</p> <p>Center Freq 2.50250000 GHz</p> <p>Start Freq 2.49750000 GHz</p> <p>Stop Freq 2.50750000 GHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 2.502 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4771 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 831.818 Hz</p> <p>x dB Bandwidth 4.912 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.53000000 GHz</p> <p>Stop Freq 2.54000000 GHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4857 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 2.703 kHz</p> <p>x dB Bandwidth 4.999 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2567.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5675 GHz Trig Free</p> <p>Center Freq 2.56750000 GHz</p> <p>Start Freq 2.56250000 GHz</p> <p>Stop Freq 2.57250000 GHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 4.3 dB</p> <p>Center 2.567 50 GHz Span 10 MHz</p> <p>Res BW 51 kHz VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4724 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 5.322 kHz</p> <p>x dB Bandwidth 4.975 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 7 (Channel Bandwidth: 10 MHz) _16QAM	
2505.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.505 GHz Trig Free</p> <p>Center Freq 2.50500000 GHz</p> <p>Start Freq 2.49500000 GHz</p> <p>Stop Freq 2.51500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.505 00 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9366 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 24.202 kHz</p> <p>x dB Bandwidth 9.693 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.52500000 GHz</p> <p>Stop Freq 2.54500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9583 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -6.364 kHz</p> <p>x dB Bandwidth 9.816 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2565.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.565 GHz Trig Free</p> <p>Center Freq 2.56500000 GHz</p> <p>Start Freq 2.55500000 GHz</p> <p>Stop Freq 2.57500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.565 00 GHz Span 20 MHz</p> <p>*Res BW 110 kHz *VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9522 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 7.035 kHz</p> <p>x dB Bandwidth 9.785 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

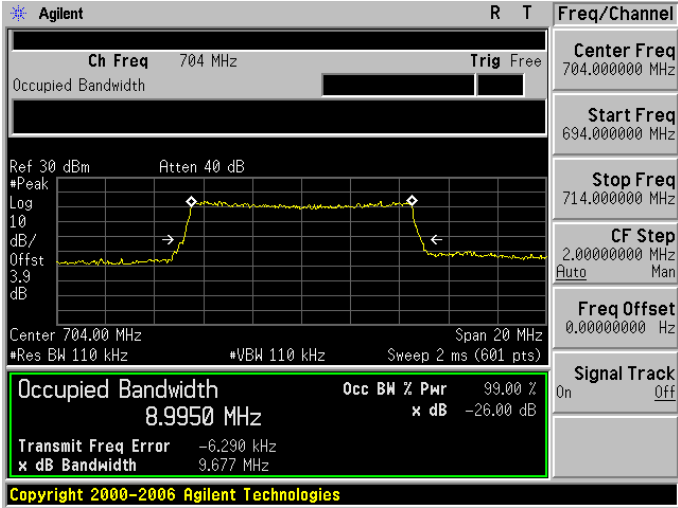
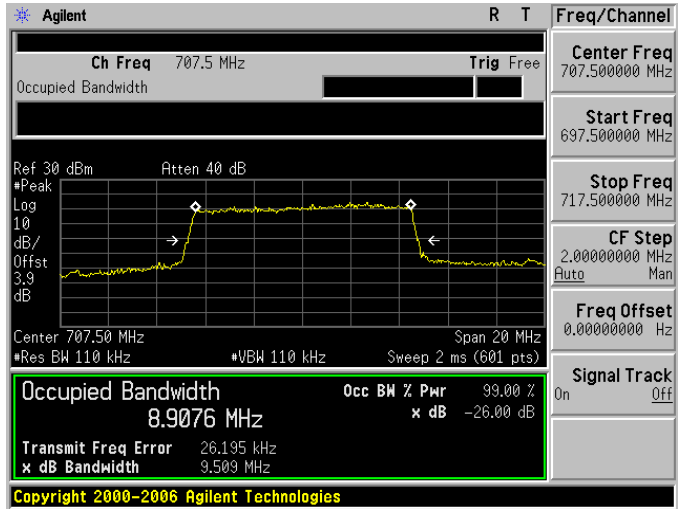
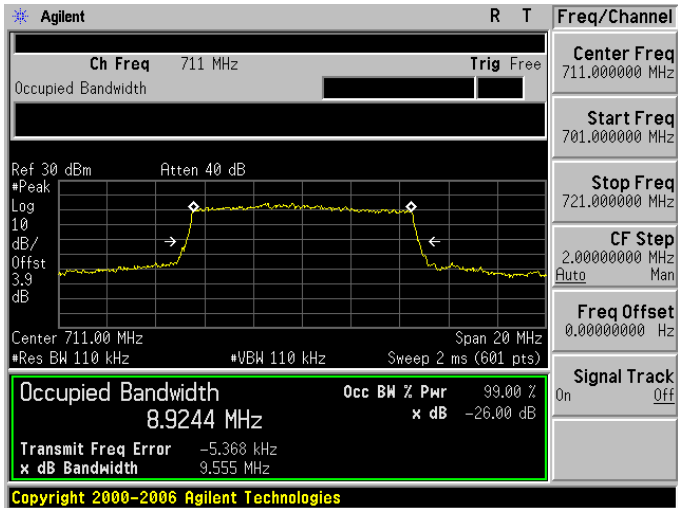
LTE Band 7 (Channel Bandwidth: 15 MHz) _ 16QAM	
2507.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5075 GHz Trig Free</p> <p>Center Freq 2.50750000 GHz</p> <p>Start Freq 2.49250000 GHz</p> <p>Stop Freq 2.52250000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.507 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3572 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.667 MHz</p> <p>Transmit Freq Error 47.622 kHz</p> <p>x dB Bandwidth 14.667 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.52000000 GHz</p> <p>Stop Freq 2.55000000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4233 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.637 MHz</p> <p>Transmit Freq Error -12.915 kHz</p> <p>x dB Bandwidth 14.637 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2562.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5625 GHz Trig Free</p> <p>Center Freq 2.56250000 GHz</p> <p>Start Freq 2.54750000 GHz</p> <p>Stop Freq 2.57750000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.562 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4237 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.569 MHz</p> <p>Transmit Freq Error 17.009 kHz</p> <p>x dB Bandwidth 14.569 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

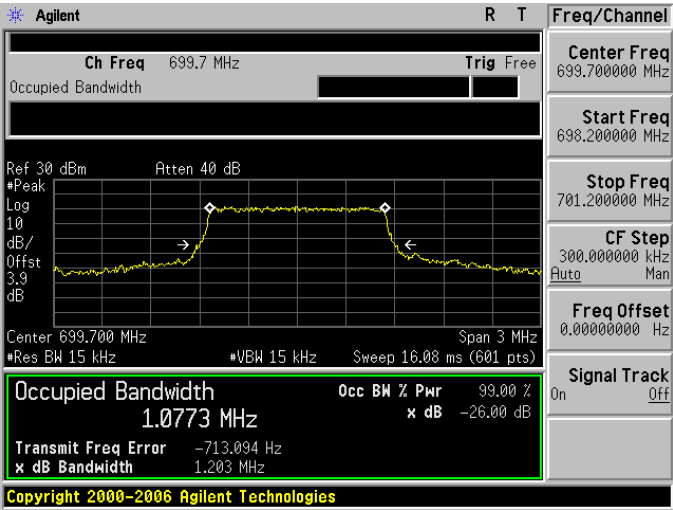
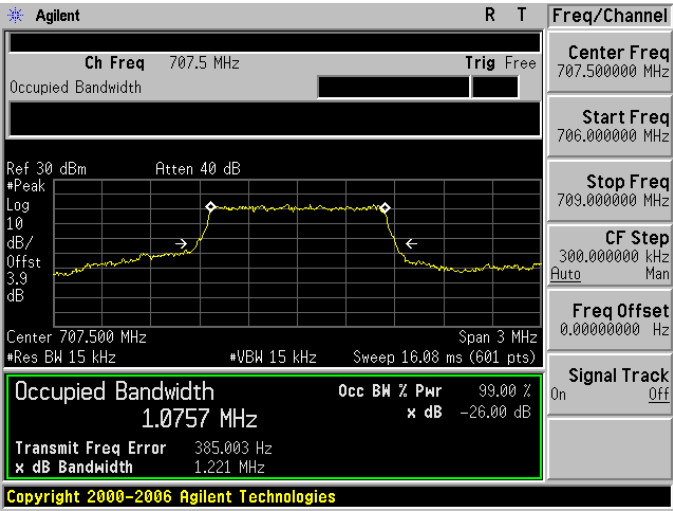
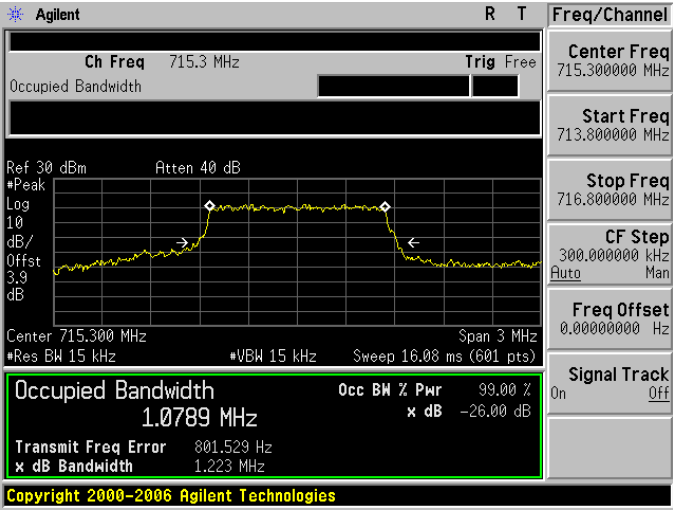
LTE Band 7 (Channel Bandwidth: 20 MHz) _ 16QAM	
2510.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.51 GHz Trig Free</p> <p>Center Freq 2.51000000 GHz</p> <p>Start Freq 2.49000000 GHz</p> <p>Stop Freq 2.53000000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak 10</p> <p>Log dB/Offst 4.3 dB</p> <p>Center 2.510 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.7629 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 18.873 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 35.433 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2535.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.535 GHz Trig Free</p> <p>Center Freq 2.53500000 GHz</p> <p>Start Freq 2.51500000 GHz</p> <p>Stop Freq 2.55500000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak 10</p> <p>Log dB/Offst 4.3 dB</p> <p>Center 2.535 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8946 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 19.370 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 108.224 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
2560.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.56 GHz Trig Free</p> <p>Center Freq 2.56000000 GHz</p> <p>Start Freq 2.54000000 GHz</p> <p>Stop Freq 2.58000000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak 10</p> <p>Log dB/Offst 4.3 dB</p> <p>Center 2.560 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8603 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 19.075 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 27.634 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ QPSK	
699.7 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 699.7 MHz Trig Free</p> <p>Center Freq 699.700000 MHz</p> <p>Start Freq 698.200000 MHz</p> <p>Stop Freq 701.200000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 699.700 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0771 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.204 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -608.959 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 706.000000 MHz</p> <p>Stop Freq 709.000000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0767 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.214 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 560.001 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
715.3 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 715.3 MHz Trig Free</p> <p>Center Freq 715.300000 MHz</p> <p>Start Freq 713.800000 MHz</p> <p>Stop Freq 716.800000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 715.300 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0788 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 1.247 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 986.315 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

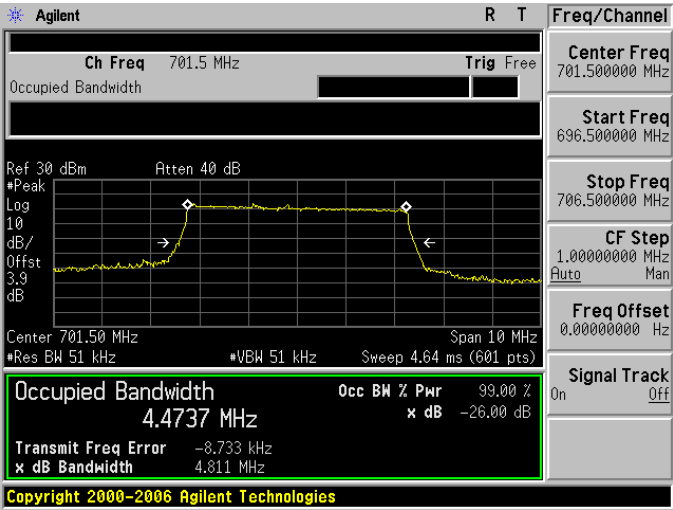
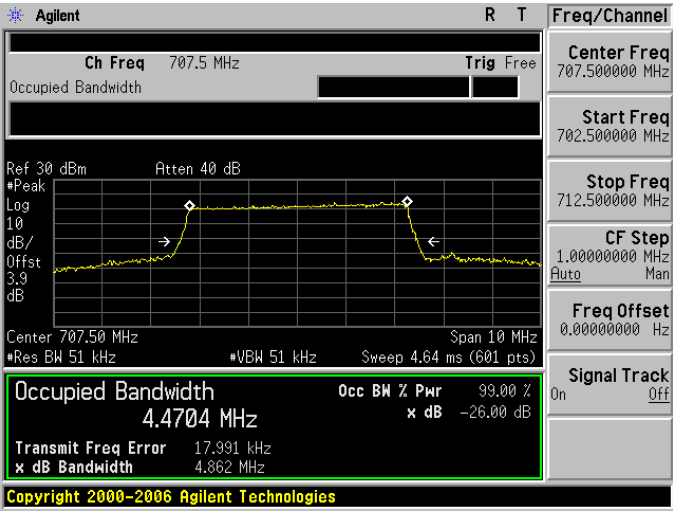
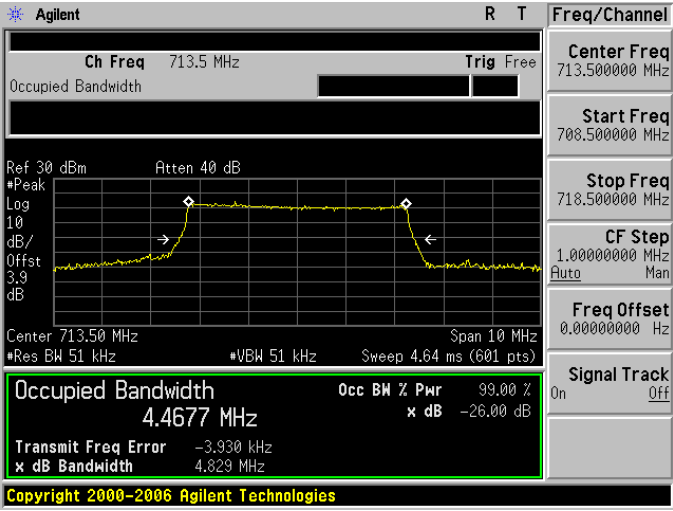
LTE Band 12 (Channel Bandwidth: 3 MHz) _ QPSK	
700.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 700.5 MHz Trig Free</p> <p>Center Freq 700.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 703.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 700.500 MHz Span 6 MHz</p> <p>Res BW 33 kHz VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6860 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -1.663 kHz</p> <p>x dB Bandwidth 2.914 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 704.500000 MHz</p> <p>Stop Freq 710.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 6 MHz</p> <p>Res BW 33 kHz VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6820 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 3.908 kHz</p> <p>x dB Bandwidth 2.937 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
714.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 714.5 MHz Trig Free</p> <p>Center Freq 714.500000 MHz</p> <p>Start Freq 711.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 714.500 MHz Span 6 MHz</p> <p>Res BW 33 kHz VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6953 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 1.553 kHz</p> <p>x dB Bandwidth 2.967 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

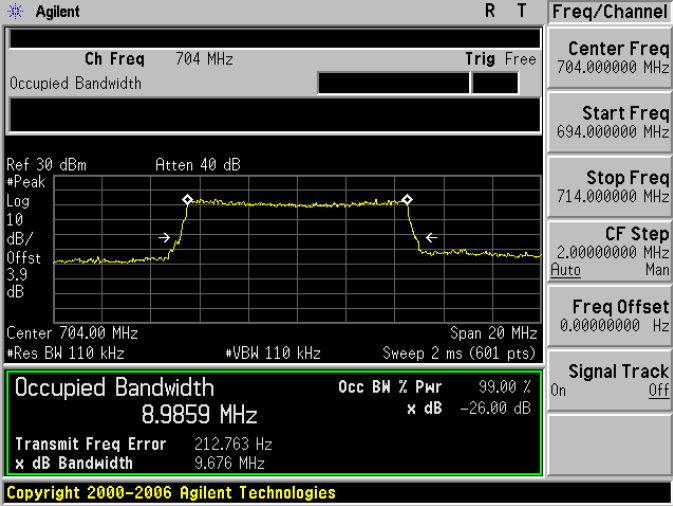
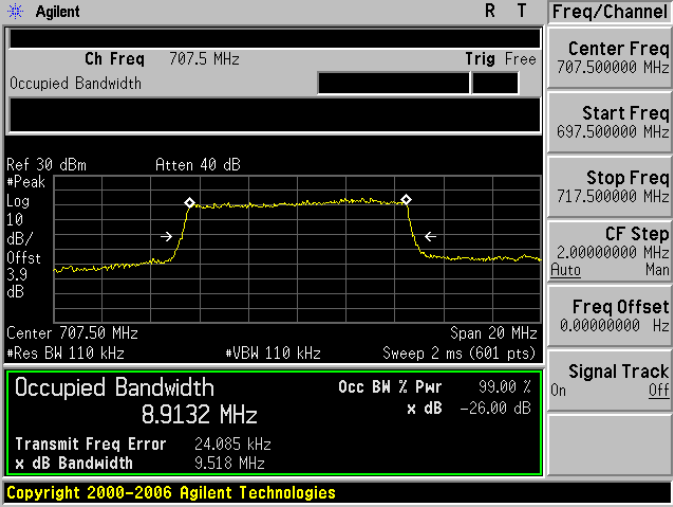
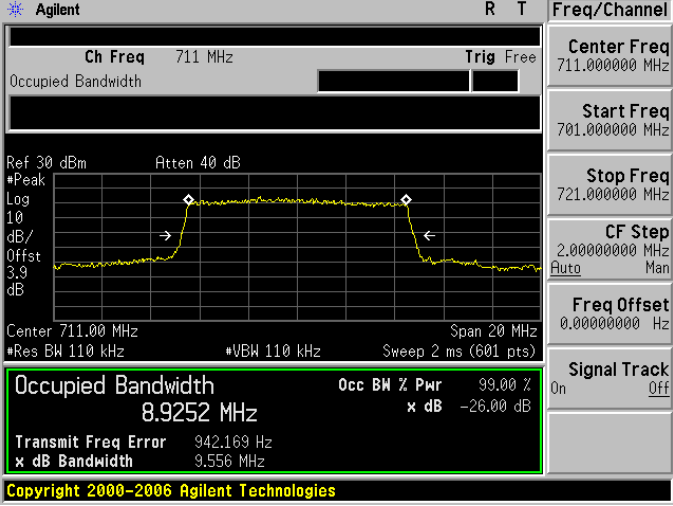
LTE Band 12 (Channel Bandwidth: 5 MHz) _ QPSK	
701.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 701.5 MHz Trig Free</p> <p>Center Freq 701.500000 MHz</p> <p>Start Freq 696.500000 MHz</p> <p>Stop Freq 706.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 701.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4726 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -9.047 kHz</p> <p>x dB Bandwidth 4.846 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 702.500000 MHz</p> <p>Stop Freq 712.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4708 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 16.107 kHz</p> <p>x dB Bandwidth 4.831 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
713.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 713.5 MHz Trig Free</p> <p>Center Freq 713.500000 MHz</p> <p>Start Freq 708.500000 MHz</p> <p>Stop Freq 718.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 713.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4841 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -5.582 kHz</p> <p>x dB Bandwidth 4.875 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 12 (Channel Bandwidth: 10 MHz) _ QPSK	
704.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 704 MHz Trig Free</p> <p>Center Freq 704.000000 MHz</p> <p>Start Freq 694.000000 MHz</p> <p>Stop Freq 714.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 704.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9950 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -6.290 kHz</p> <p>x dB Bandwidth 9.677 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9076 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 26.195 kHz</p> <p>x dB Bandwidth 9.509 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
711.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 711 MHz Trig Free</p> <p>Center Freq 711.000000 MHz</p> <p>Start Freq 701.000000 MHz</p> <p>Stop Freq 721.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 711.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9244 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -5.368 kHz</p> <p>x dB Bandwidth 9.555 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

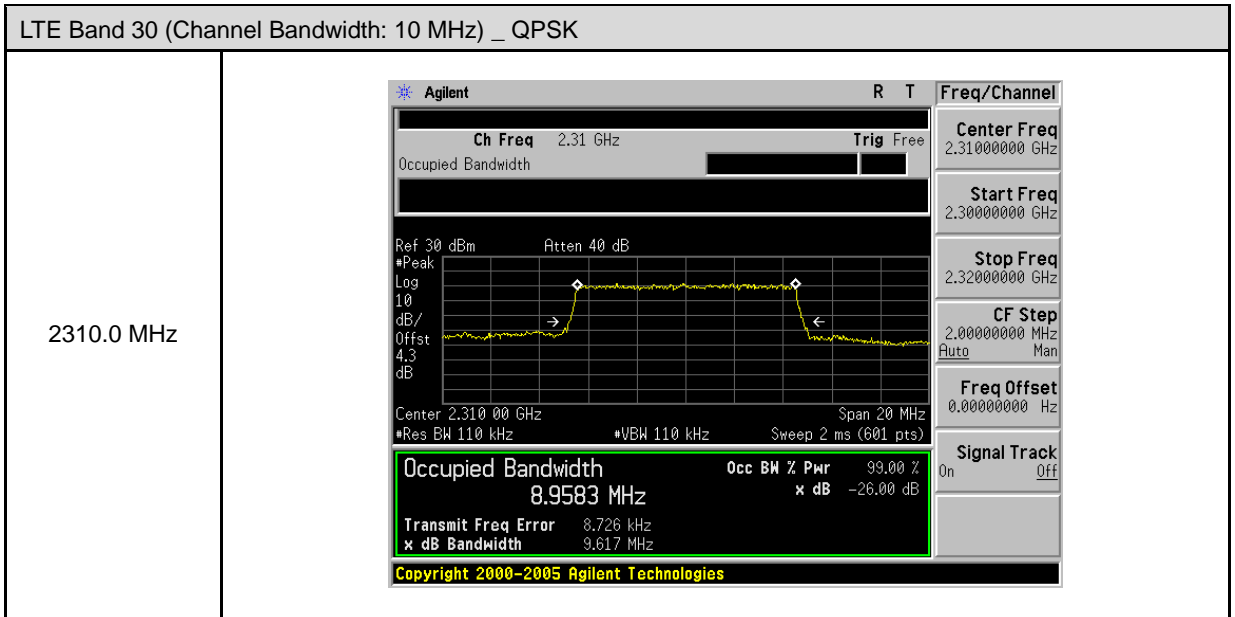
LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ 16QAM	
669.7 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 699.7 MHz Trig Free</p> <p>Center Freq 699.700000 MHz</p> <p>Start Freq 698.200000 MHz</p> <p>Stop Freq 701.200000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 699.700 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0773 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -713.094 Hz</p> <p>x dB Bandwidth 1.203 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 706.000000 MHz</p> <p>Stop Freq 709.000000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0757 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 385.003 Hz</p> <p>x dB Bandwidth 1.221 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
715.3 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 715.3 MHz Trig Free</p> <p>Center Freq 715.300000 MHz</p> <p>Start Freq 713.800000 MHz</p> <p>Stop Freq 716.800000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 715.300 MHz Span 3 MHz</p> <p>Res BW 15 kHz VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0789 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 801.529 Hz</p> <p>x dB Bandwidth 1.223 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 12 (Channel Bandwidth: 3 MHz) _ 16QAM	
700.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 700.5 MHz Trig Free</p> <p>Center Freq 700.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 703.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 700.500 MHz Span 6 MHz</p> <p>Res BW 33 kHz VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6839 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.918 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -3.006 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 704.500000 MHz</p> <p>Stop Freq 710.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 6 MHz</p> <p>Res BW 33 kHz VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6824 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.939 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 3.796 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
714.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 714.5 MHz Trig Free</p> <p>Center Freq 714.500000 MHz</p> <p>Start Freq 711.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Peak 10 dB/Offst 3.9 dB</p> <p>Center 714.500 MHz Span 6 MHz</p> <p>Res BW 33 kHz VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6945 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.969 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 1.352 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

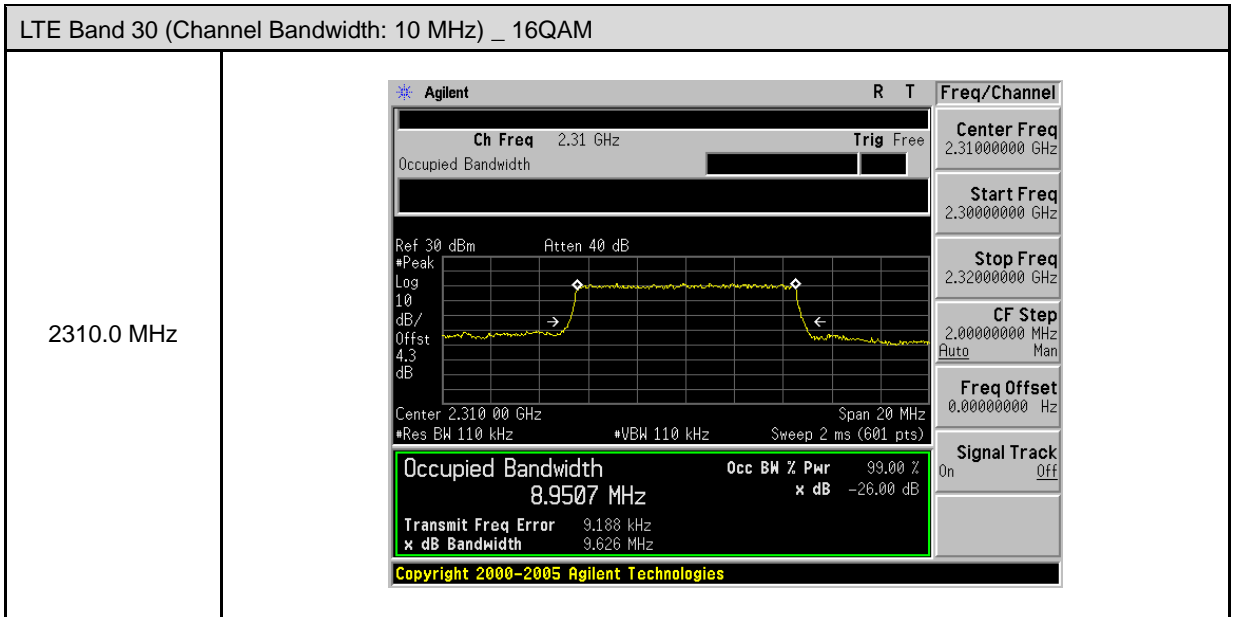
LTE Band 12 (Channel Bandwidth: 5 MHz) _ 16QAM	
701.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 701.5 MHz Trig Free</p> <p>Center Freq 701.500000 MHz</p> <p>Start Freq 696.500000 MHz</p> <p>Stop Freq 706.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 701.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4737 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -8.733 kHz</p> <p>x dB Bandwidth 4.811 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 702.500000 MHz</p> <p>Stop Freq 712.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4704 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 17.991 kHz</p> <p>x dB Bandwidth 4.862 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
713.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 713.5 MHz Trig Free</p> <p>Center Freq 713.500000 MHz</p> <p>Start Freq 708.500000 MHz</p> <p>Stop Freq 718.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 713.50 MHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4677 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -3.930 kHz</p> <p>x dB Bandwidth 4.829 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 12 (Channel Bandwidth: 10 MHz) _ 16QAM	
704.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 704 MHz Trig Free</p> <p>Center Freq 704.000000 MHz</p> <p>Start Freq 694.000000 MHz</p> <p>Stop Freq 714.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 704.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9859 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 212.763 Hz</p> <p>x dB Bandwidth 9.676 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
707.5 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9132 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 24.085 kHz</p> <p>x dB Bandwidth 9.518 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>
711.0 MHz	 <p>Agilent R T Freq/Channel</p> <p>Ch Freq 711 MHz Trig Free</p> <p>Center Freq 711.000000 MHz</p> <p>Start Freq 701.000000 MHz</p> <p>Stop Freq 721.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 711.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9252 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 942.169 Hz</p> <p>x dB Bandwidth 9.556 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p>

LTE Band 30 (Channel Bandwidth: 5 MHz) _ QPSK	
2307.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.3075 GHz Trig Free</p> <p>Center Freq 2.30750000 GHz</p> <p>Start Freq 2.30250000 GHz</p> <p>Stop Freq 2.31250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.307 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4731 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -264.761 Hz</p> <p>x dB Bandwidth 4.831 MHz</p> <p>Copyright 2000-2005 Agilent Technologies</p>
2310.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.31 GHz Trig Free</p> <p>Center Freq 2.31000000 GHz</p> <p>Start Freq 2.30500000 GHz</p> <p>Stop Freq 2.31500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.310 00 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4740 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 6.817 kHz</p> <p>x dB Bandwidth 4.876 MHz</p> <p>Copyright 2000-2005 Agilent Technologies</p>
2312.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.3125 GHz Trig Free</p> <p>Center Freq 2.31250000 GHz</p> <p>Start Freq 2.30750000 GHz</p> <p>Stop Freq 2.31750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.312 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4679 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.748 kHz</p> <p>x dB Bandwidth 4.859 MHz</p> <p>Copyright 2000-2005 Agilent Technologies</p>



LTE Band 30 (Channel Bandwidth: 5 MHz) _ 16QAM	
2307.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.3075 GHz Trig Free</p> <p>Center Freq 2.30750000 GHz</p> <p>Start Freq 2.30250000 GHz</p> <p>Stop Freq 2.31250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.307 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4736 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -1.230 kHz</p> <p>x dB Bandwidth 4.831 MHz</p> <p>Copyright 2000-2005 Agilent Technologies</p>
2310.0 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.31 GHz Trig Free</p> <p>Center Freq 2.31000000 GHz</p> <p>Start Freq 2.30500000 GHz</p> <p>Stop Freq 2.31500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.310 00 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4812 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 4.957 kHz</p> <p>x dB Bandwidth 4.884 MHz</p> <p>Copyright 2000-2005 Agilent Technologies</p>
2312.5 MHz	<p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.3125 GHz Trig Free</p> <p>Center Freq 2.31250000 GHz</p> <p>Start Freq 2.30750000 GHz</p> <p>Stop Freq 2.31750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.312 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4712 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 3.000 kHz</p> <p>x dB Bandwidth 4.866 MHz</p> <p>Copyright 2000-2005 Agilent Technologies</p>



6 Peak to Average Ratio Test

6.1. Limit

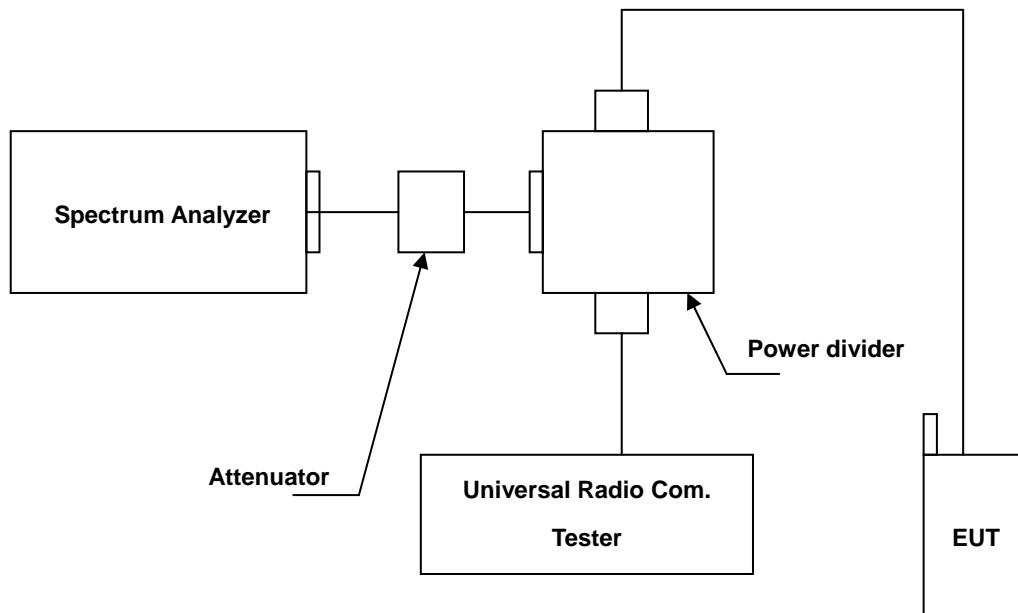
In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

6.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Period
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/14/2015	1 year
Wideband Radio Communication Test	R & S	CMW500	103168	10/30/2015	1 year
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

6.3. Setup



6.4. Test Procedure

The measurement is made according to FCC rules:

- a. Set resolution/measurement bandwidth = signal's occupied bandwidth;
- b. Set the number of counts to a value that stabilizes the measured CCDF curve;
- c. Record the maximum PAPR level associated with a probability of 0.1%.

6.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

6.6. Test Result

Model Number	AC815S
Test Item	Peak to Average Ratio
Date of Test	11/05/2015, 12/03/2015

LTE Band 2				
Modulation	Channel Bandwidth	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)
QPSK	1.4 MHz	1880.0	4.37	< 13
	3 MHz	1880.0	4.02	< 13
	5 MHz	1880.0	3.96	< 13
	10 MHz	1880.0	3.83	< 13
	15 MHz	1880.0	4.00	< 13
	20 MHz	1880.0	3.96	< 13
16QAM	1.4 MHz	1880.0	5.26	< 13
	3 MHz	1880.0	4.85	< 13
	5 MHz	1880.0	4.87	< 13
	10 MHz	1880.0	4.63	< 13
	15 MHz	1880.0	4.75	< 13
	20 MHz	1880.0	4.76	< 13

LTE Band 4				
Modulation	Channel Bandwidth	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)
QPSK	1.4 MHz	1732.5	4.19	< 13
	3 MHz	1732.5	4.10	< 13
	5 MHz	1732.5	4.03	< 13
	10 MHz	1732.5	4.11	< 13
	15 MHz	1732.5	4.30	< 13
	20 MHz	1732.5	4.25	< 13
16QAM	1.4 MHz	1732.5	5.10	< 13
	3 MHz	1732.5	4.94	< 13
	5 MHz	1732.5	5.01	< 13
	10 MHz	1732.5	4.86	< 13
	15 MHz	1732.5	5.09	< 13
	20 MHz	1732.5	5.06	< 13

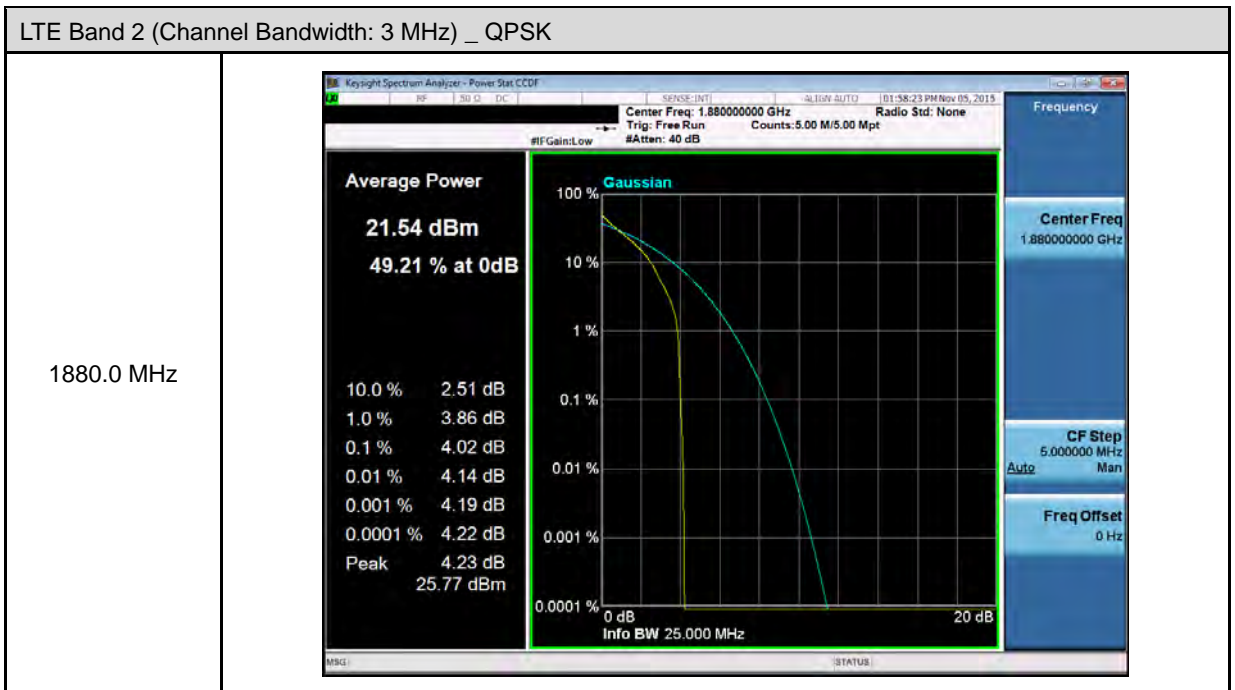
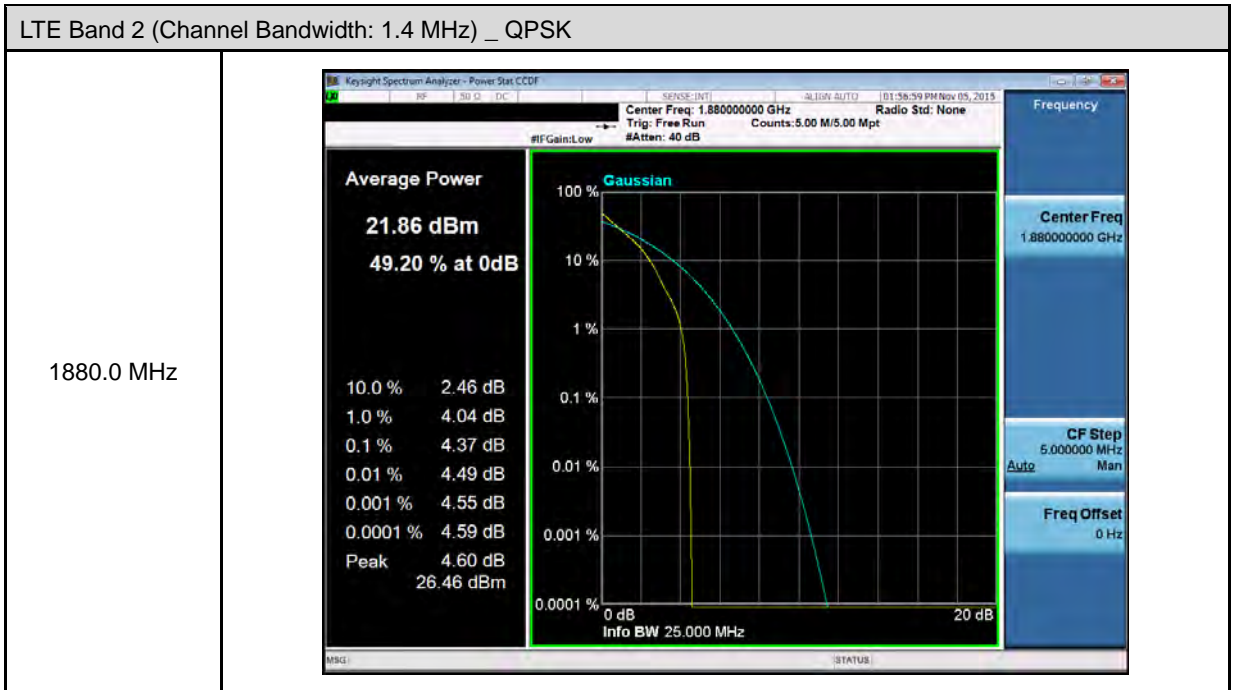
LTE Band 5				
Modulation	Channel Bandwidth	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)
QPSK	1.4 MHz	836.5	4.42	< 13
	3 MHz	836.5	4.35	< 13
	5 MHz	836.5	4.30	< 13
	10 MHz	836.5	4.15	< 13
16QAM	1.4 MHz	836.5	5.33	< 13
	3 MHz	836.5	5.18	< 13
	5 MHz	836.5	5.21	< 13
	10 MHz	836.5	5.09	< 13

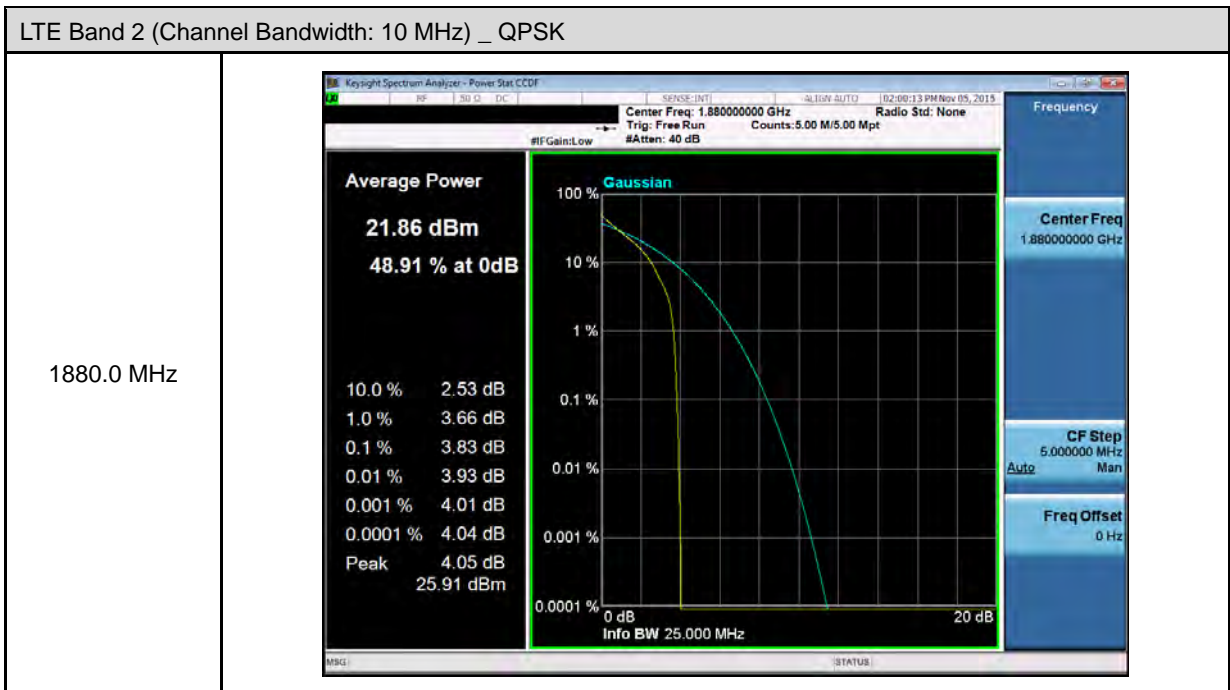
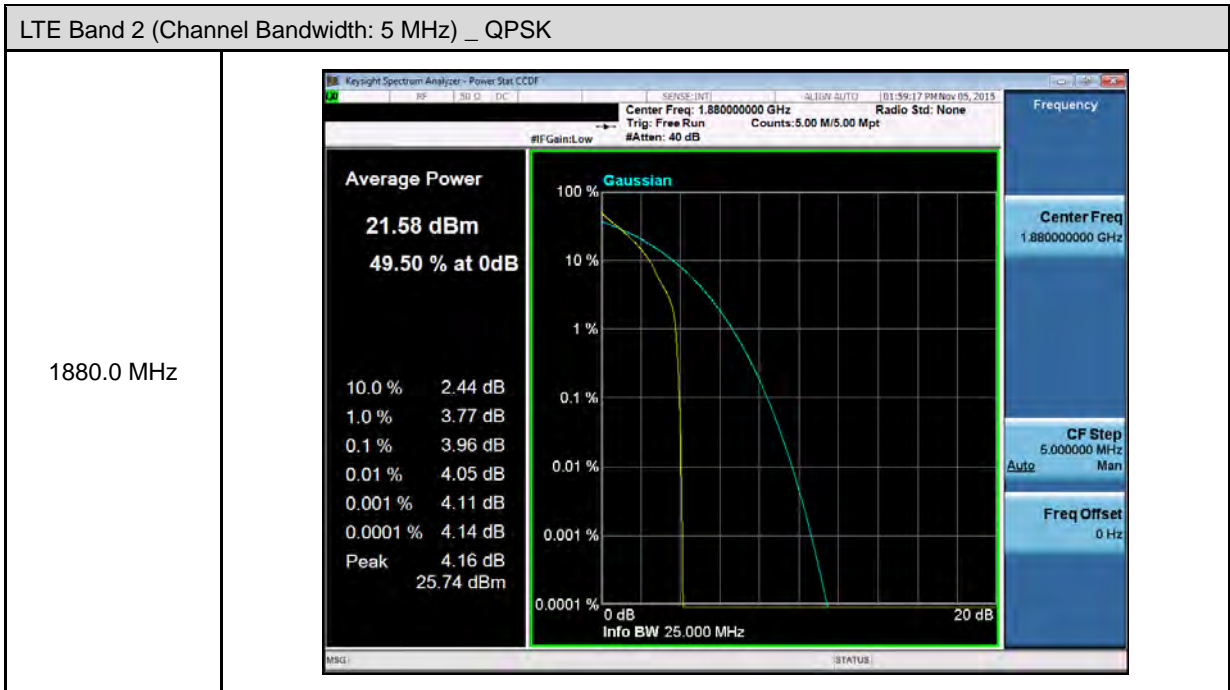
LTE Band 7				
Modulation	Channel Bandwidth	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)
QPSK	5 MHz	2535.0	4.10	< 13
	10 MHz	2535.0	3.90	< 13
	15 MHz	2535.0	4.03	< 13
	20 MHz	2535.0	3.86	< 13
16QAM	5 MHz	2535.0	5.06	< 13
	10 MHz	2535.0	4.69	< 13
	15 MHz	2535.0	4.70	< 13
	20 MHz	2535.0	4.64	< 13

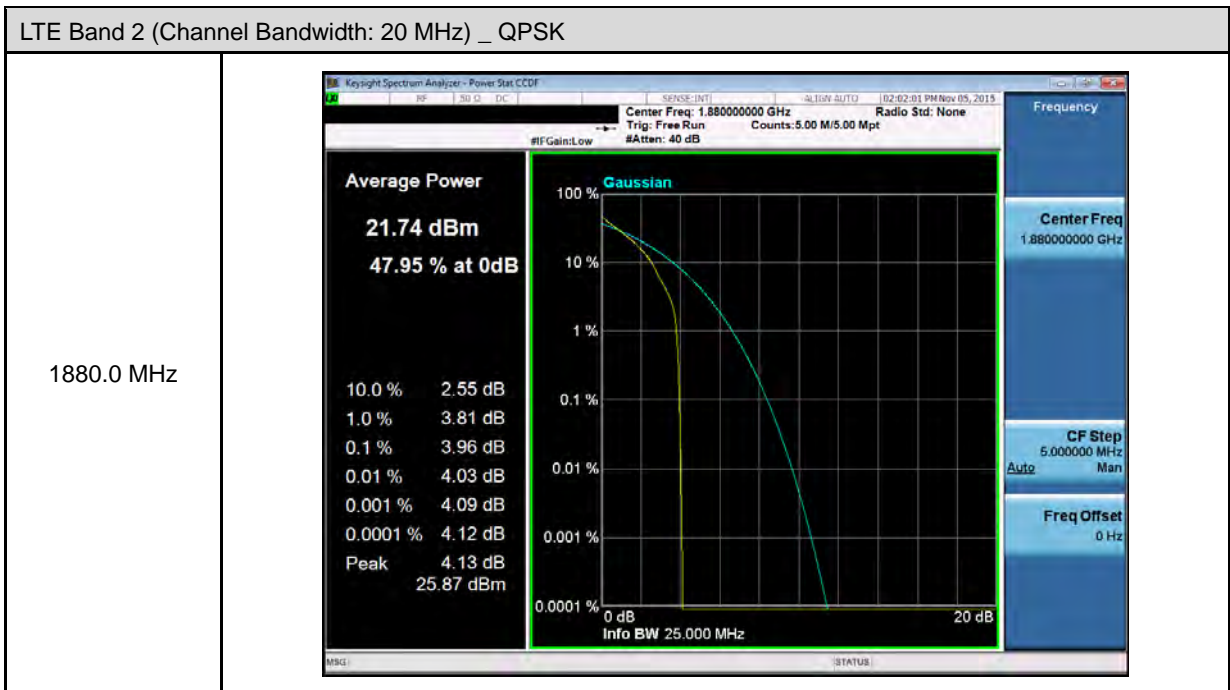
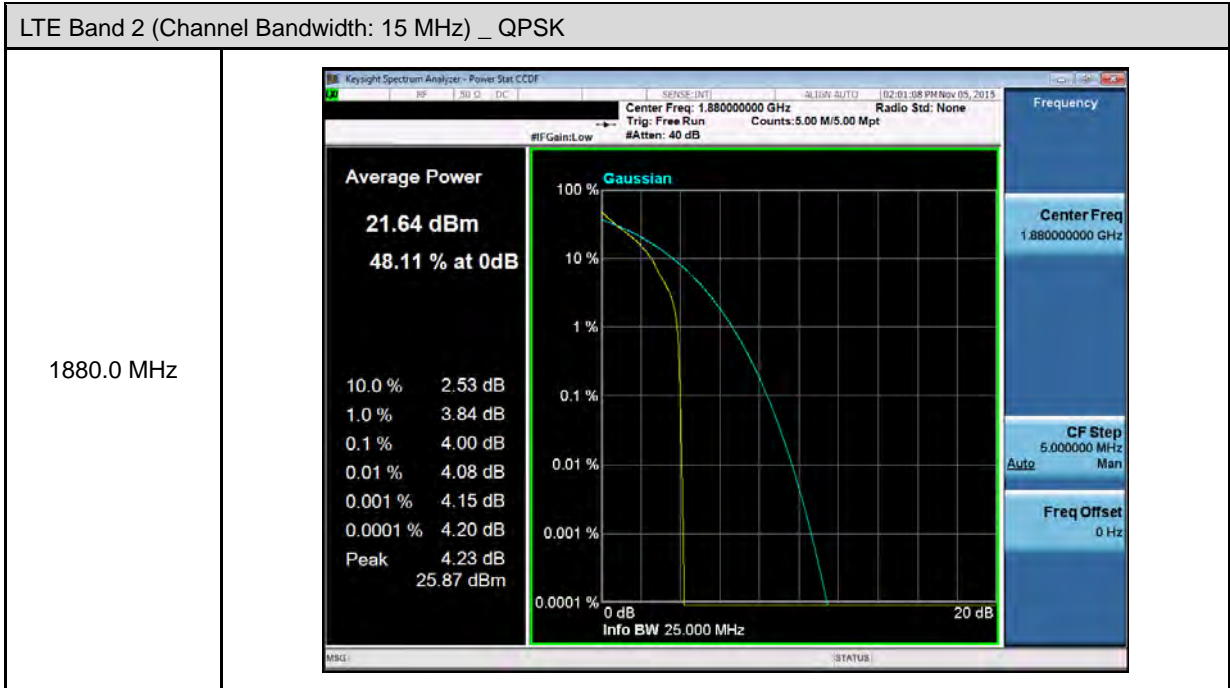
LTE Band 12				
Modulation	Channel Bandwidth	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)
QPSK	1.4 MHz	707.5	3.66	< 13
	3 MHz	707.5	3.50	< 13
	5 MHz	707.5	3.40	< 13
	10 MHz	707.5	3.40	< 13
16QAM	1.4 MHz	707.5	4.27	< 13
	3 MHz	707.5	4.13	< 13
	5 MHz	707.5	4.08	< 13
	10 MHz	707.5	3.99	< 13

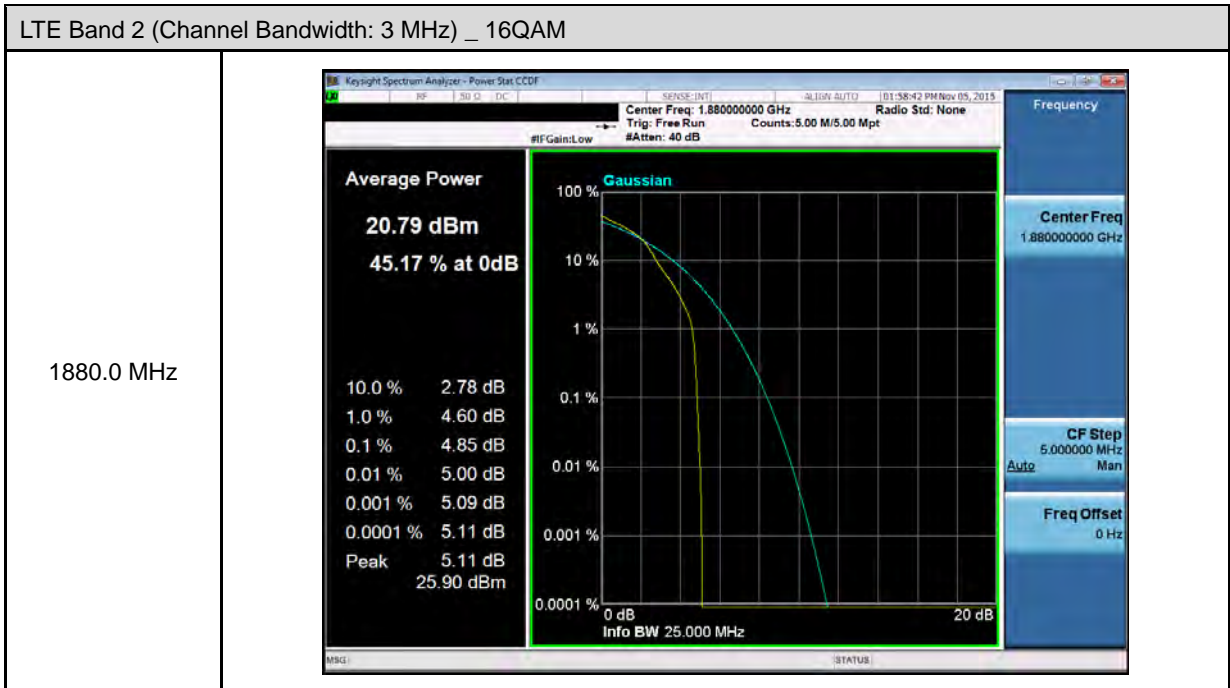
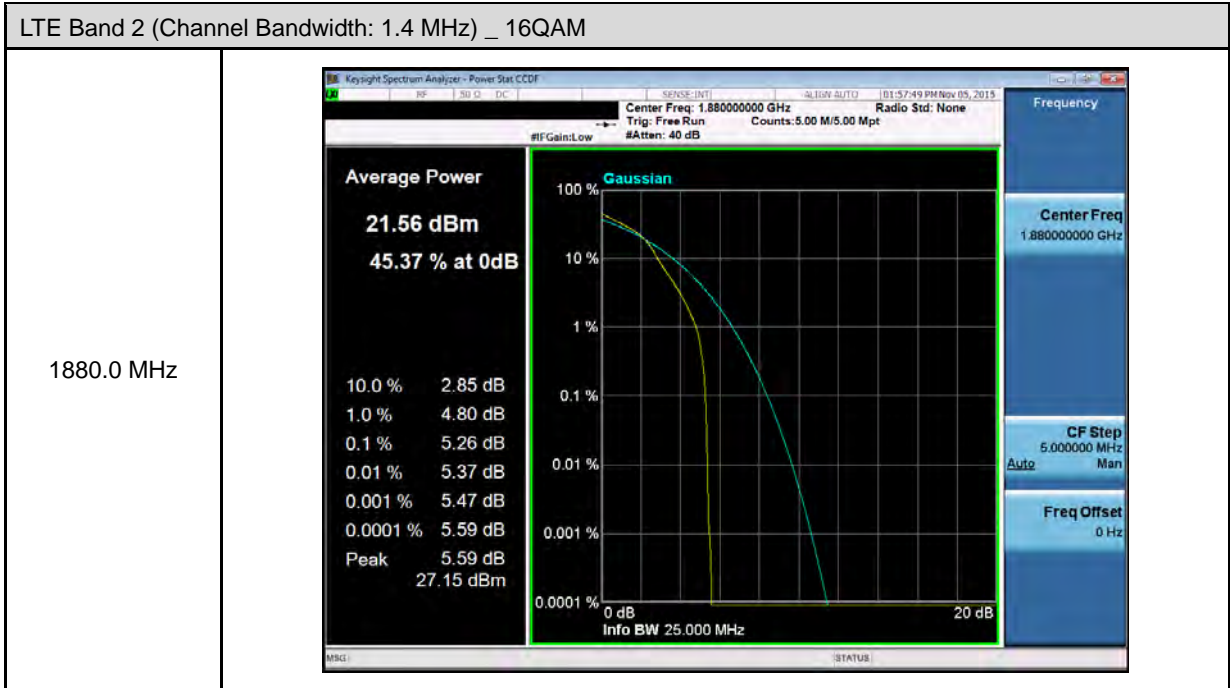
LTE Band 30				
Modulation	Channel Bandwidth	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)
QPSK	5 MHz	2310.0	4.19	< 13
	10 MHz	2310.0	4.07	< 13
16QAM	5 MHz	2310.0	5.06	< 13
	10 MHz	2310.0	4.91	< 13

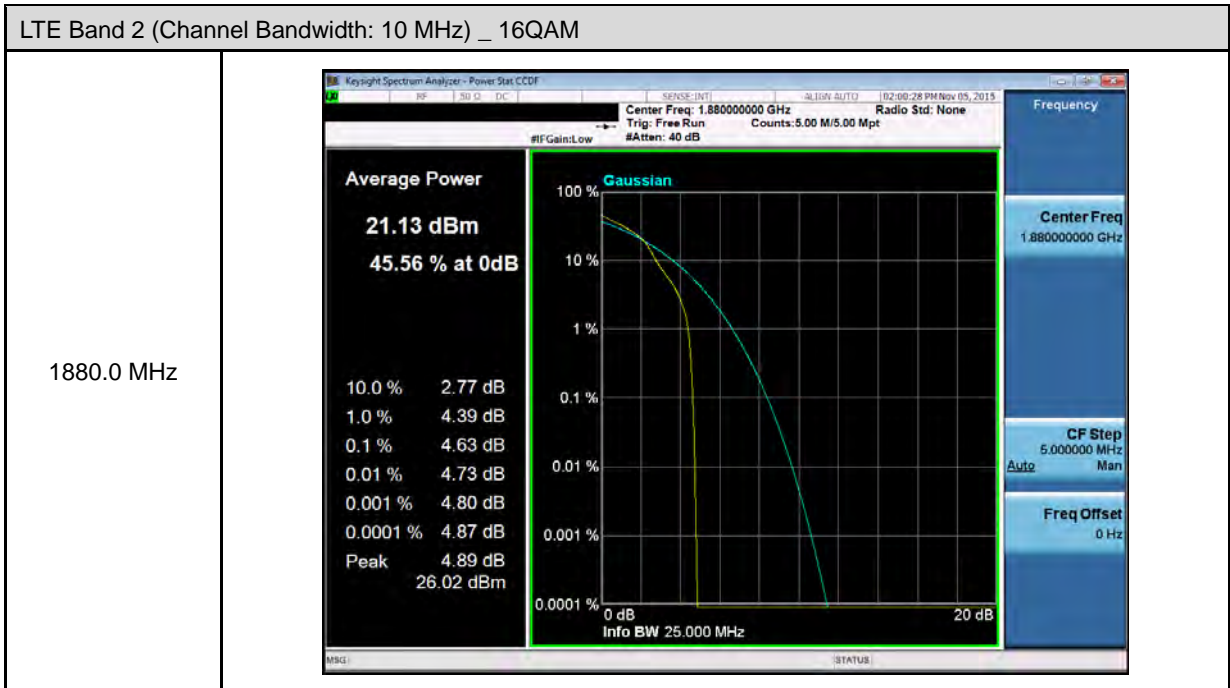
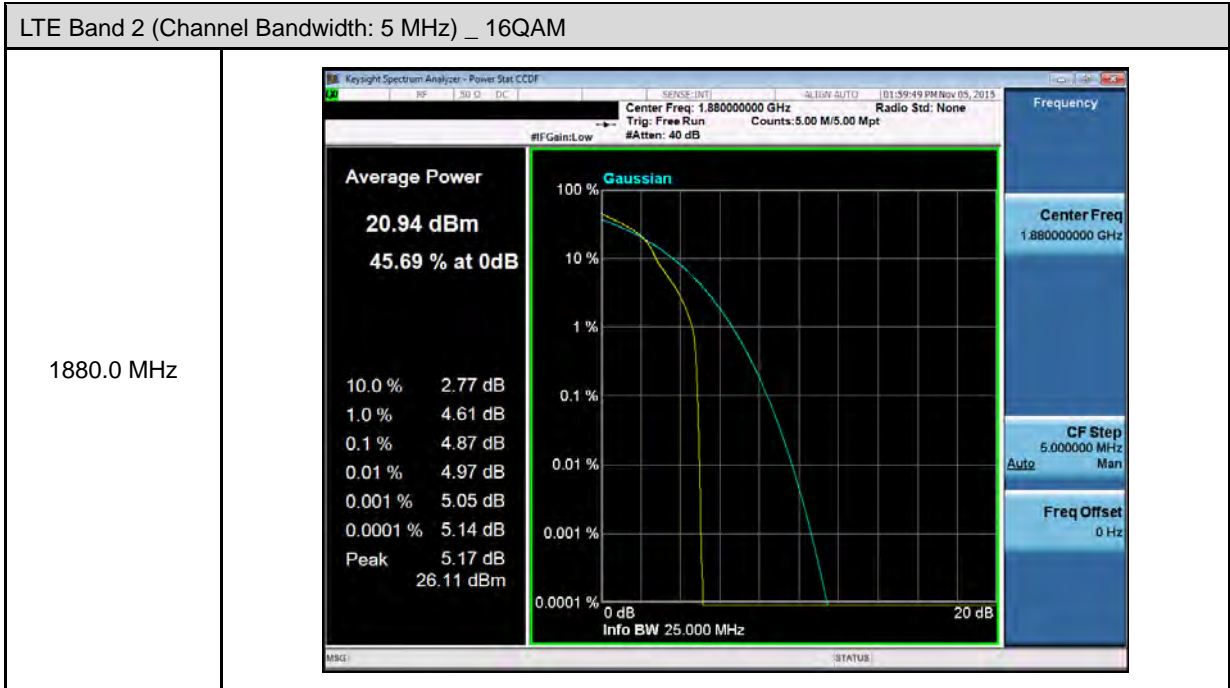
6.7. Test Graphs

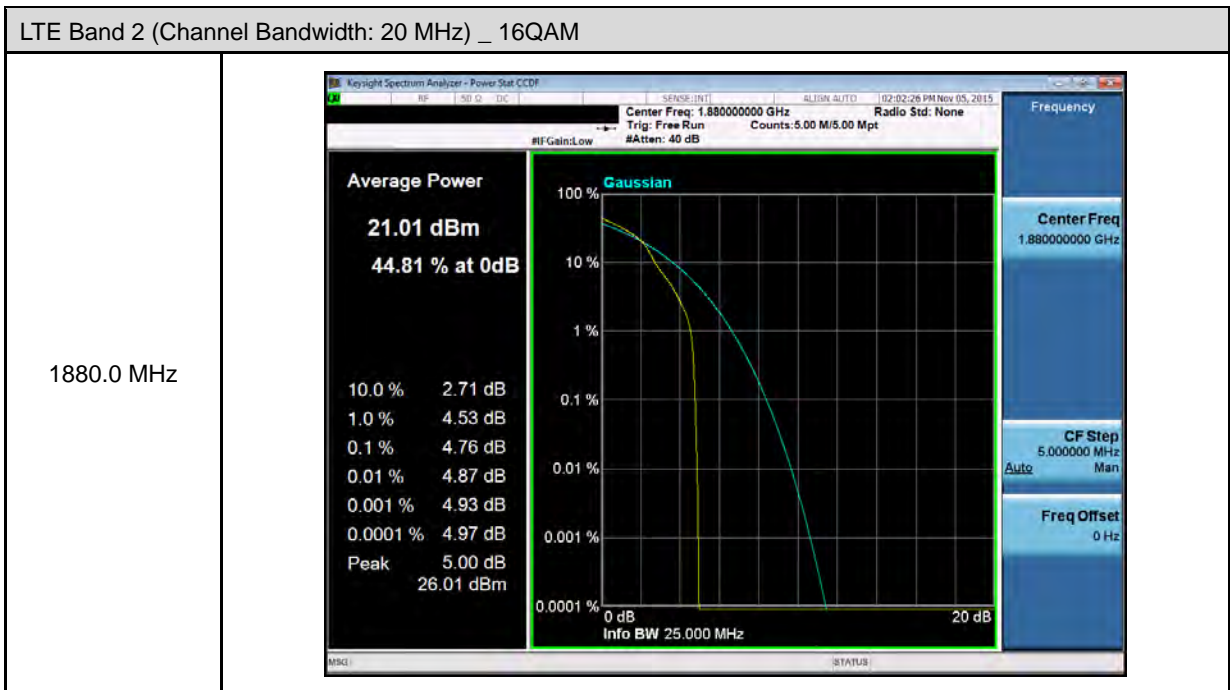
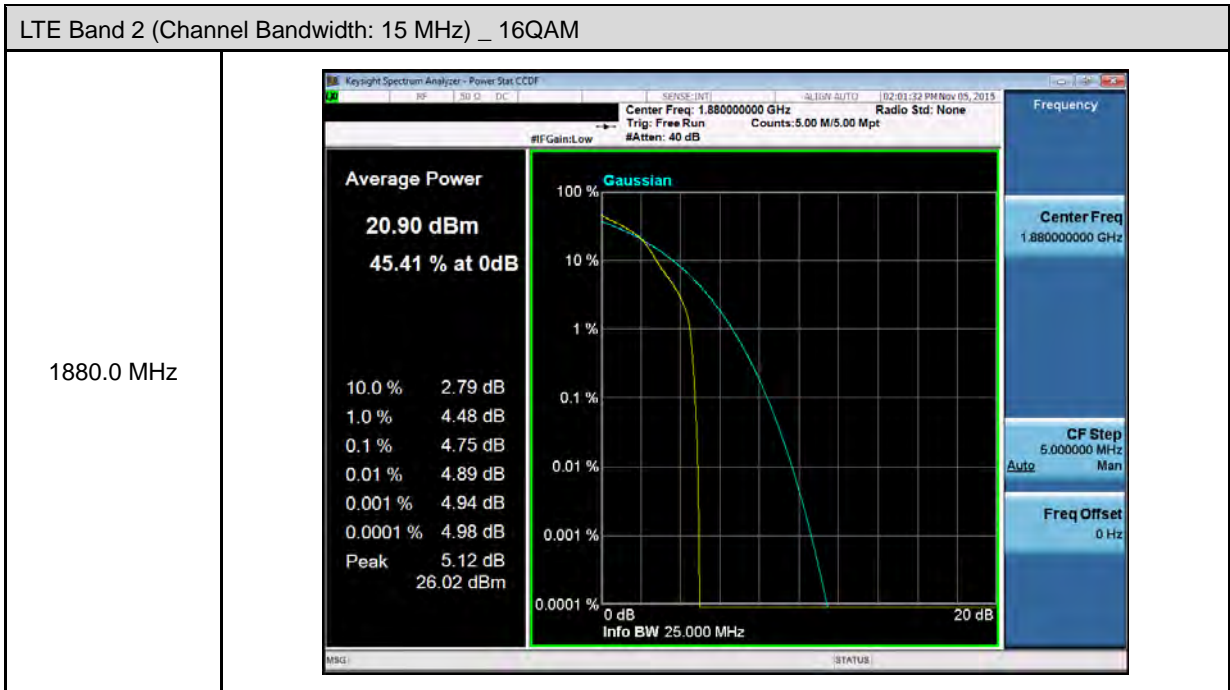


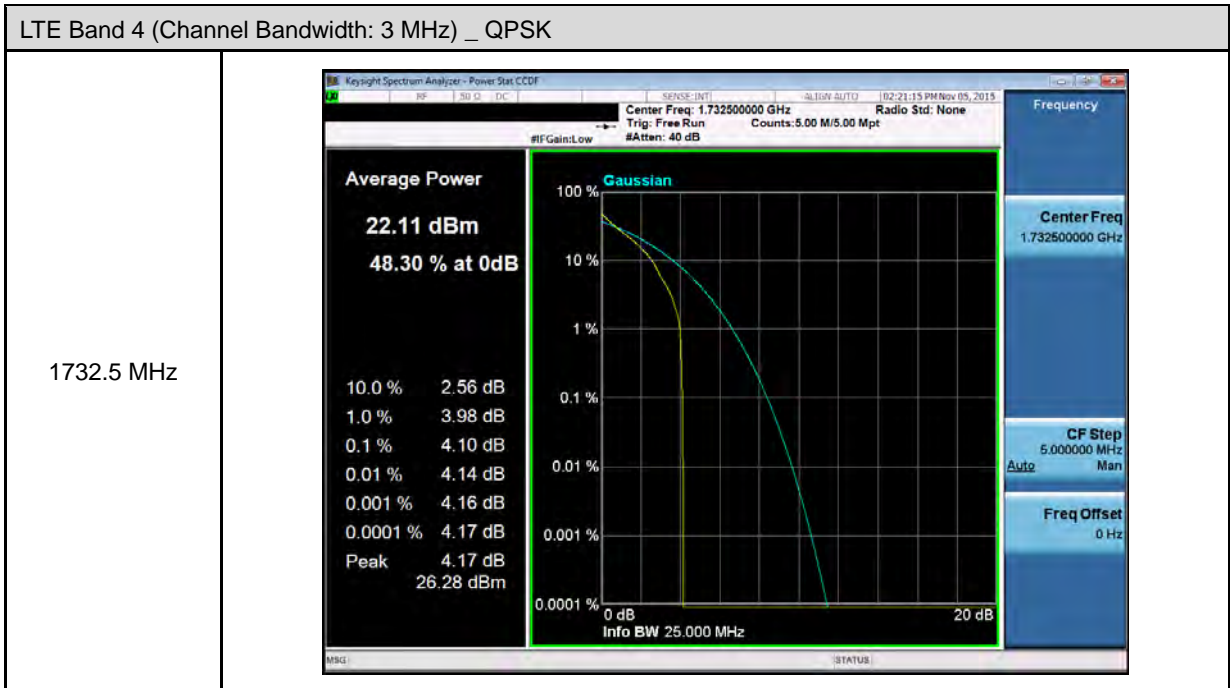
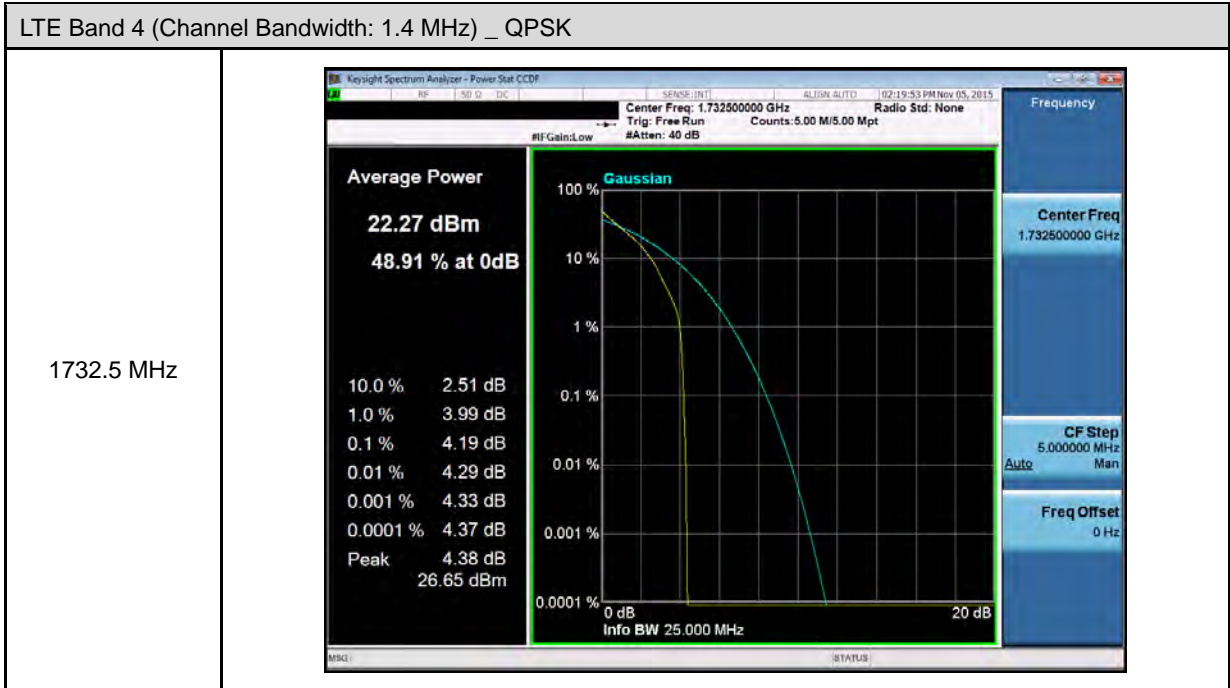


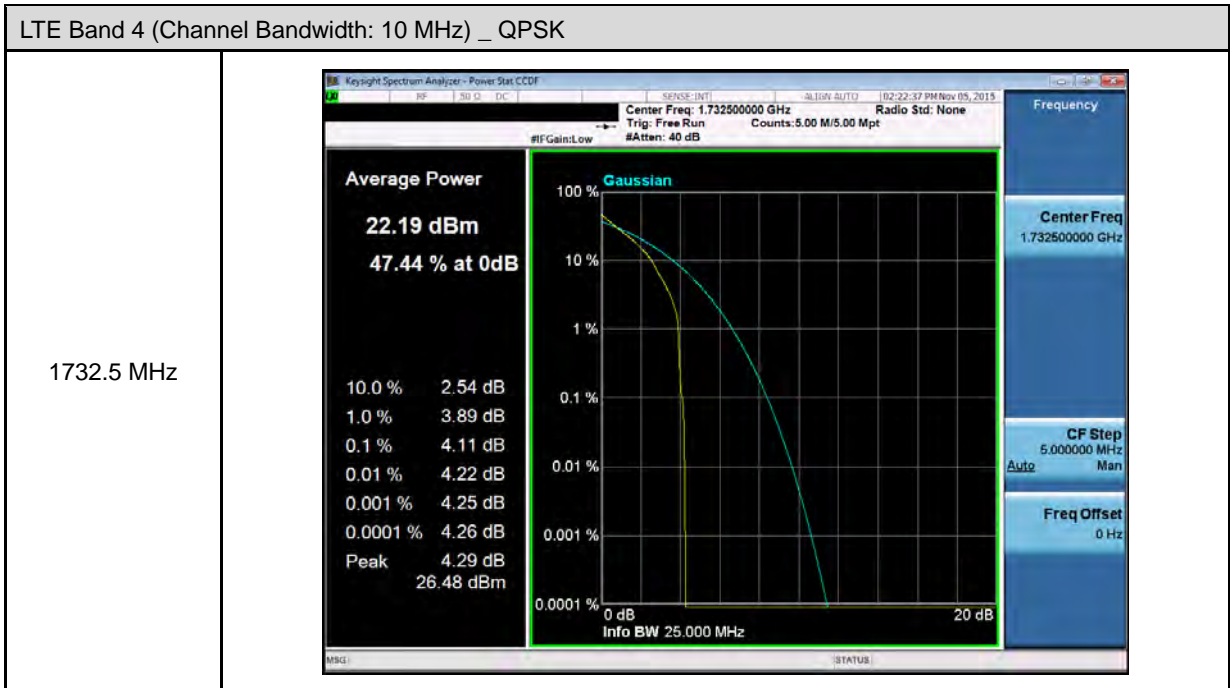
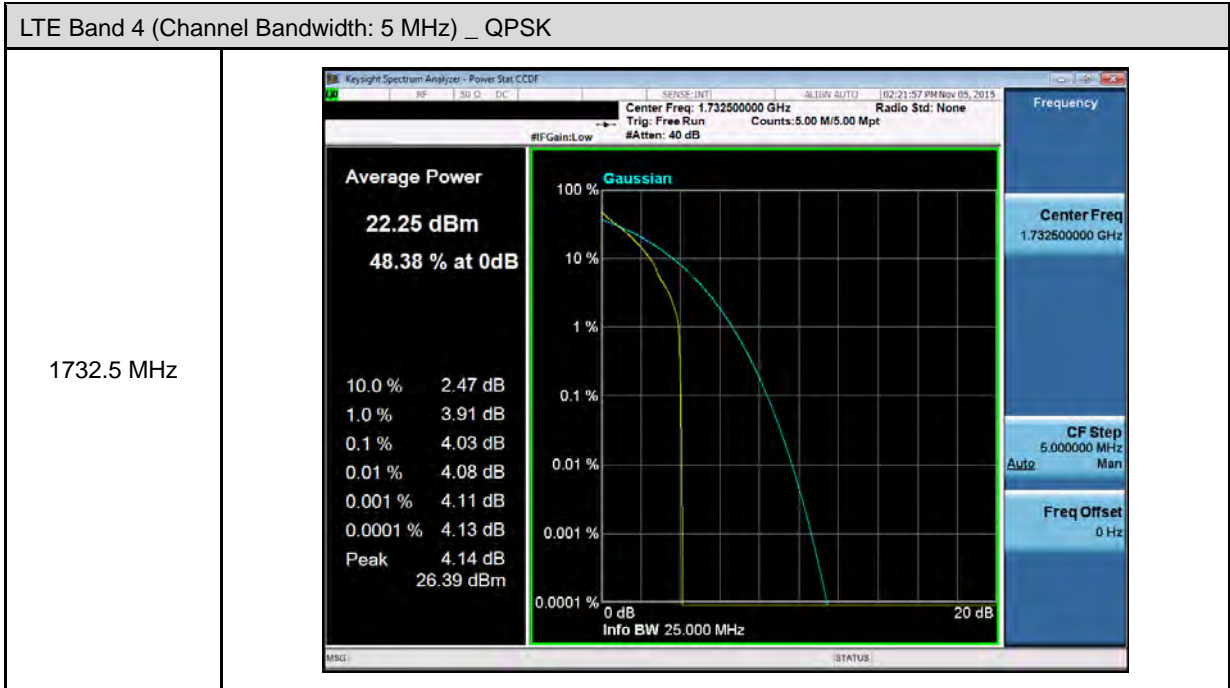


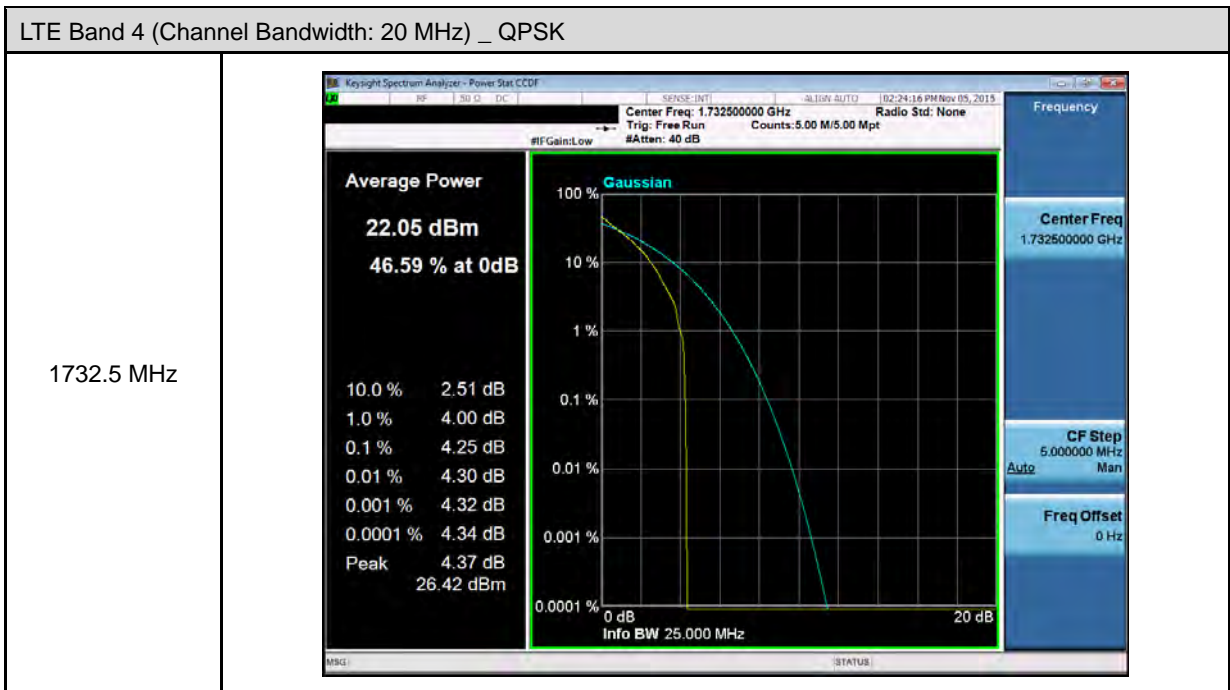
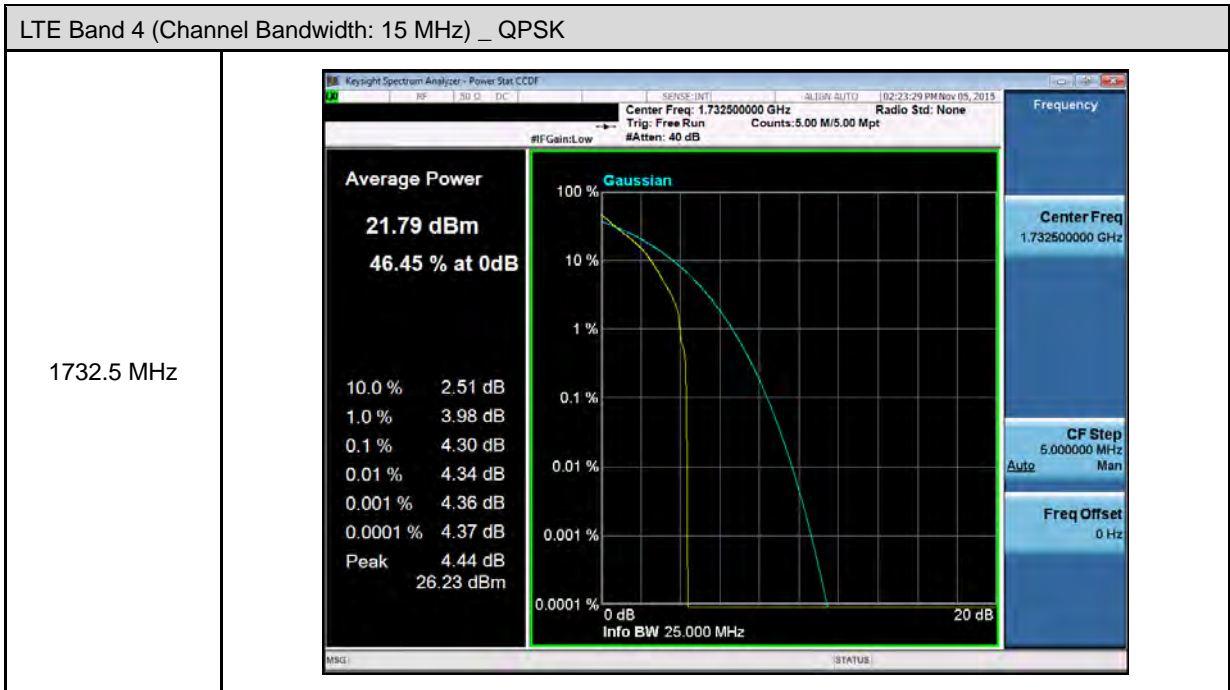


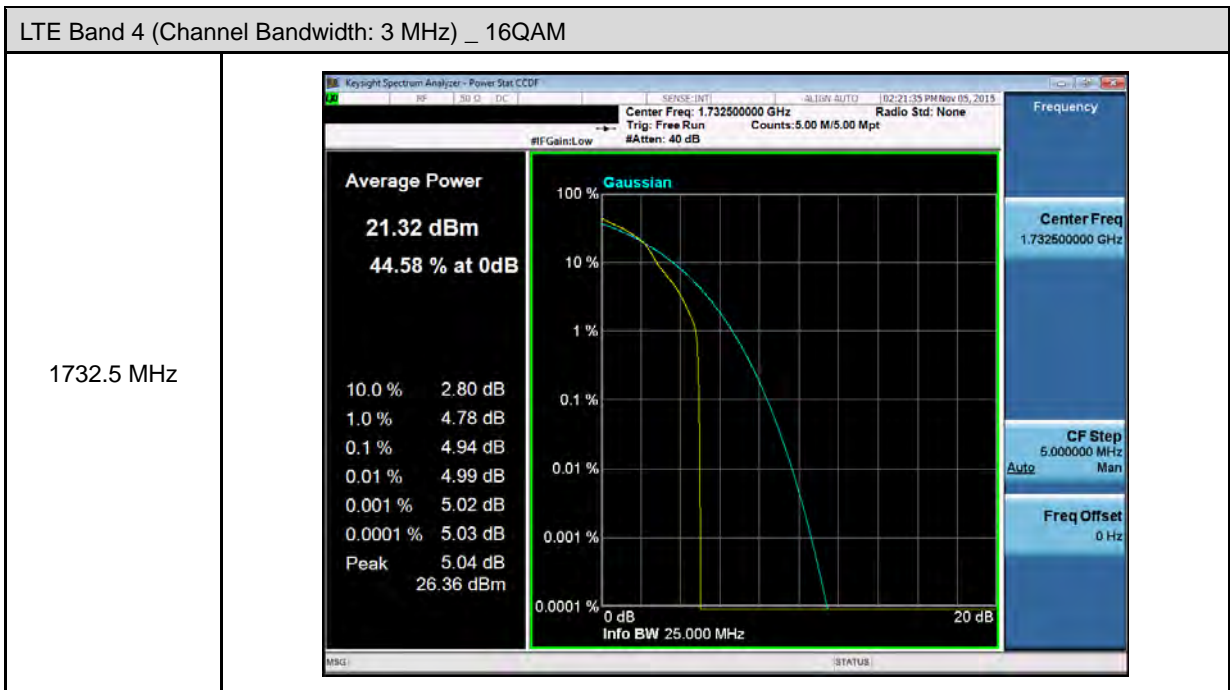
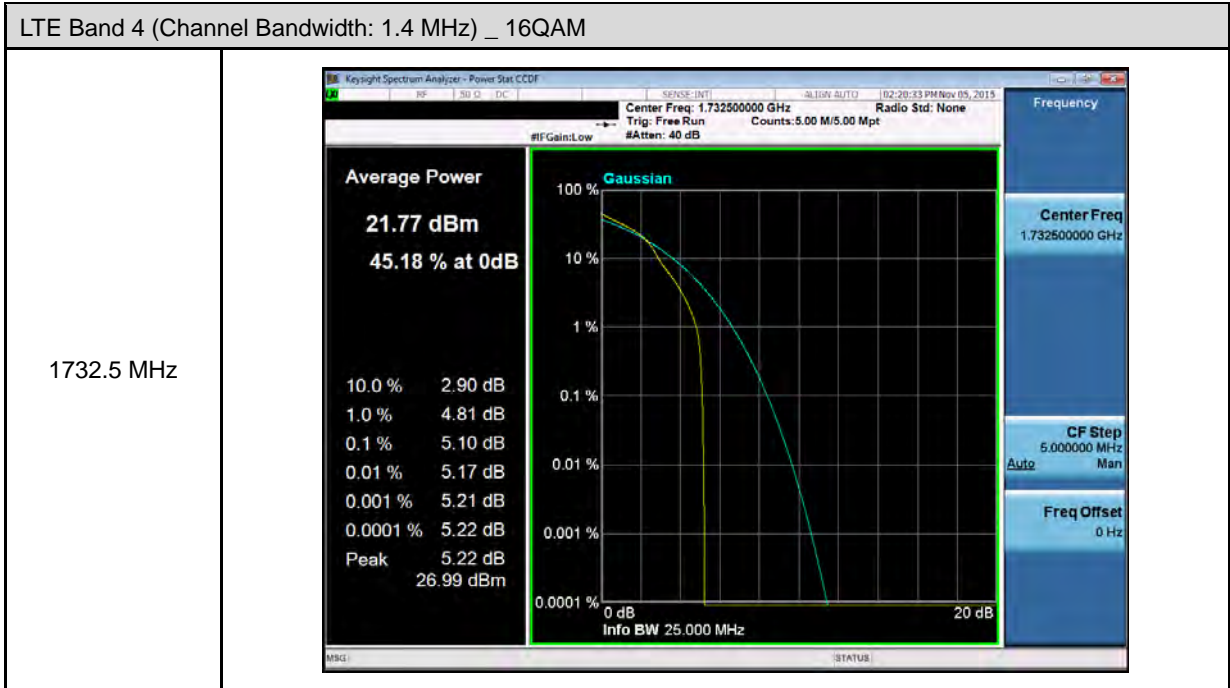


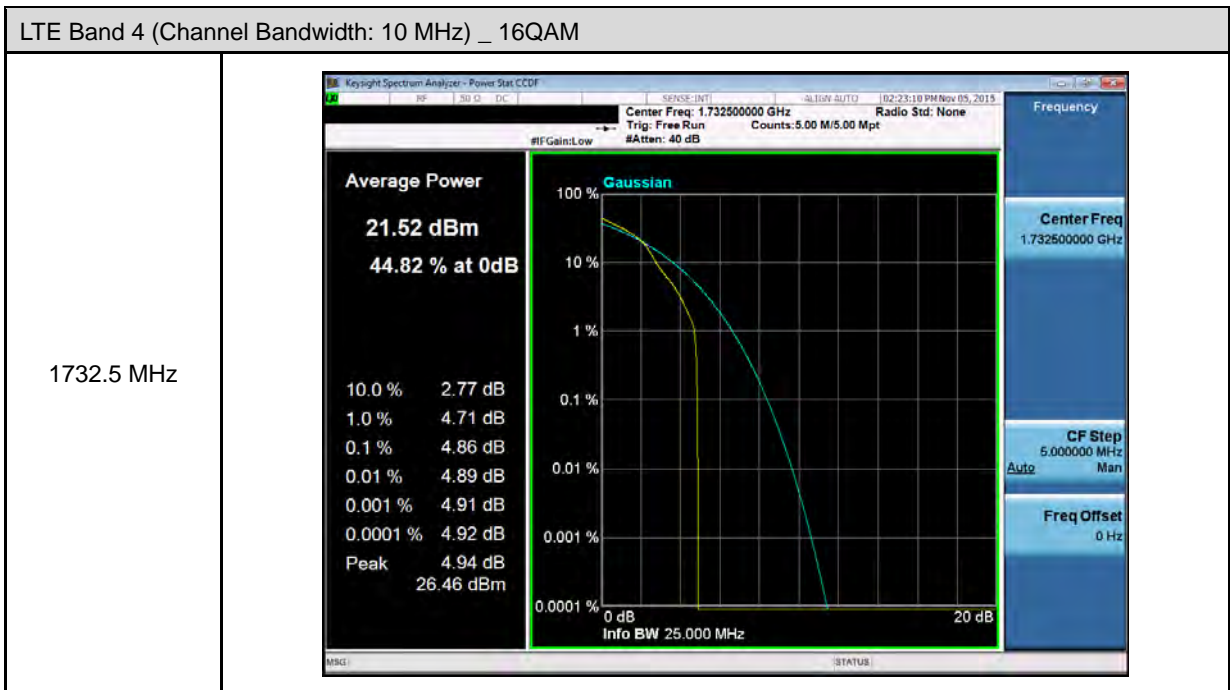
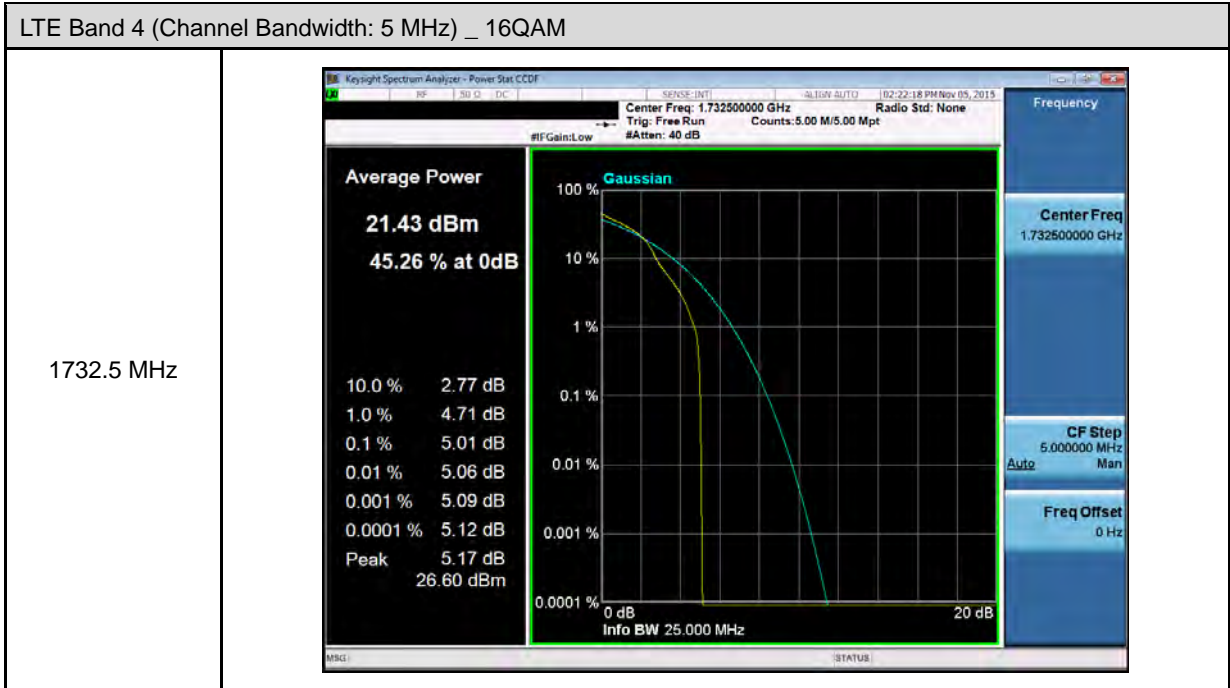


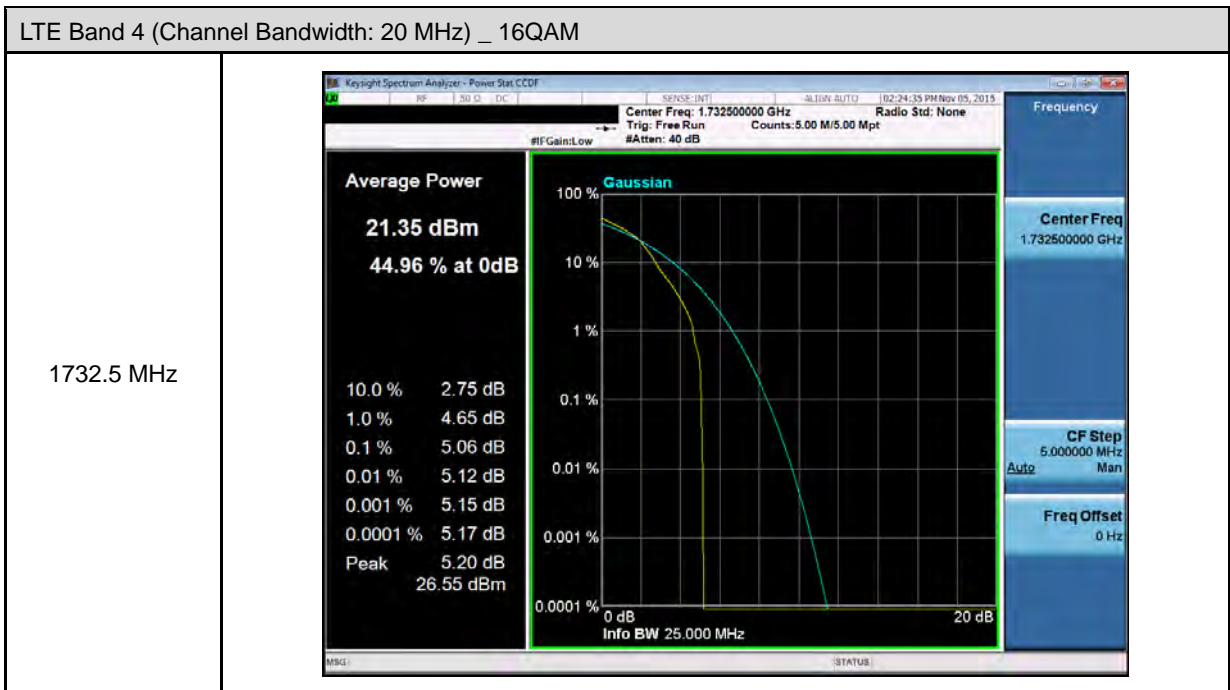
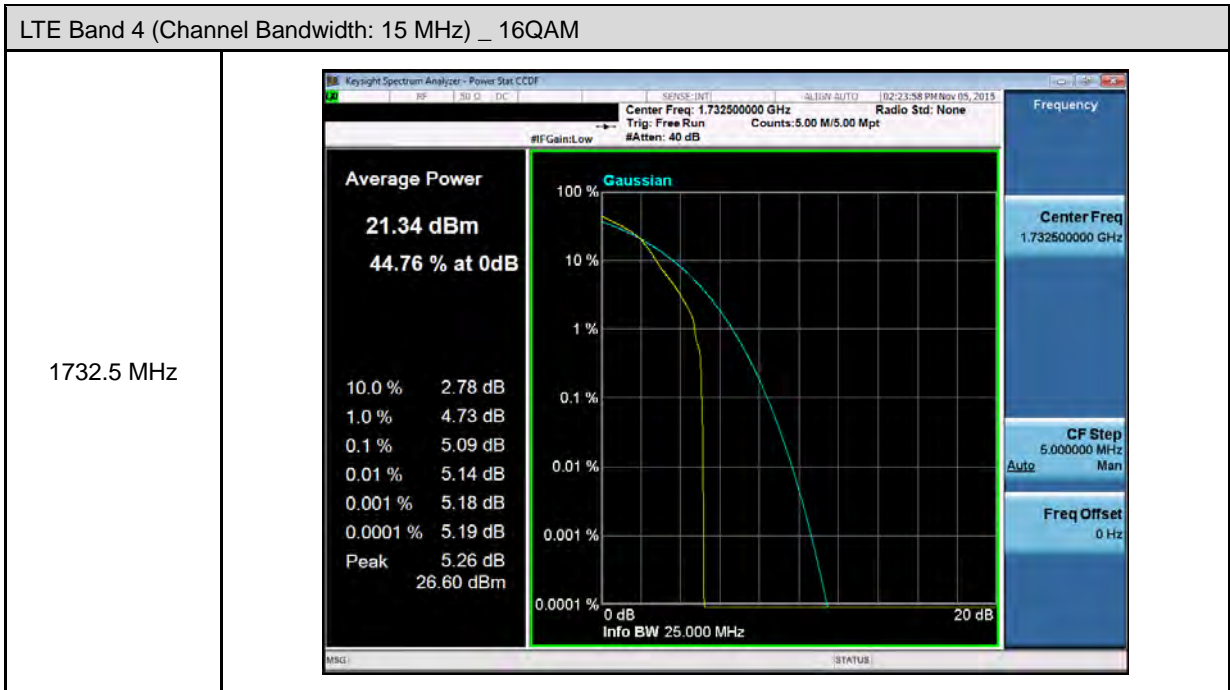


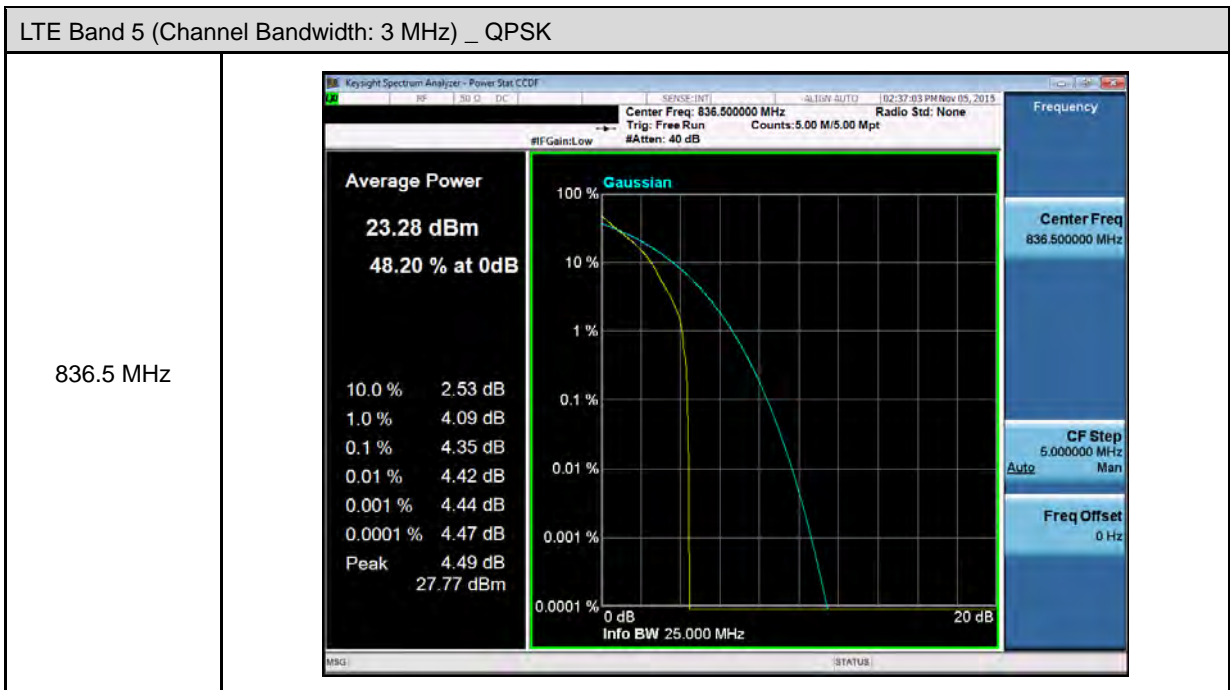
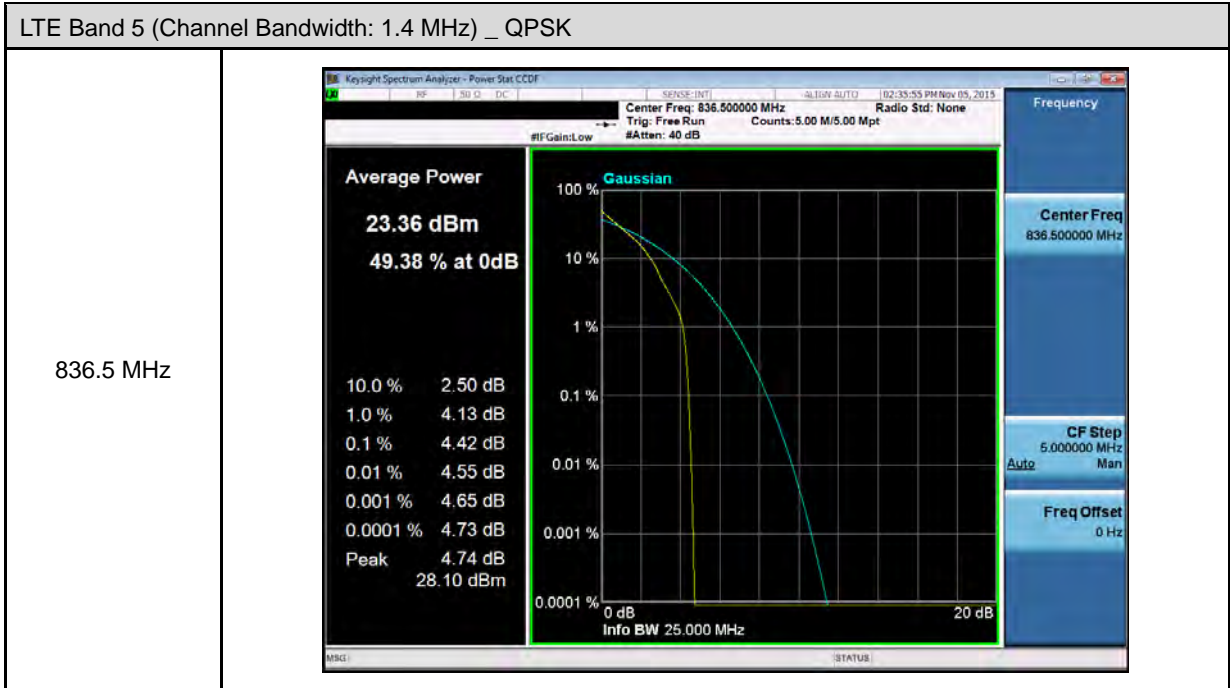


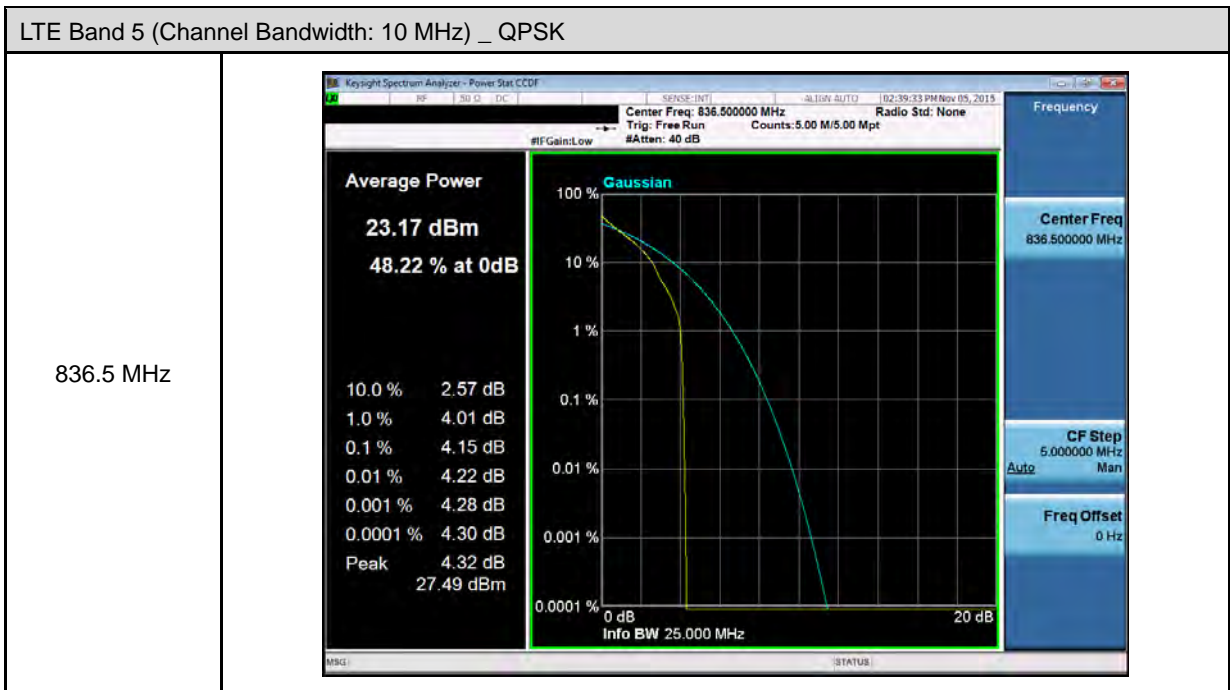
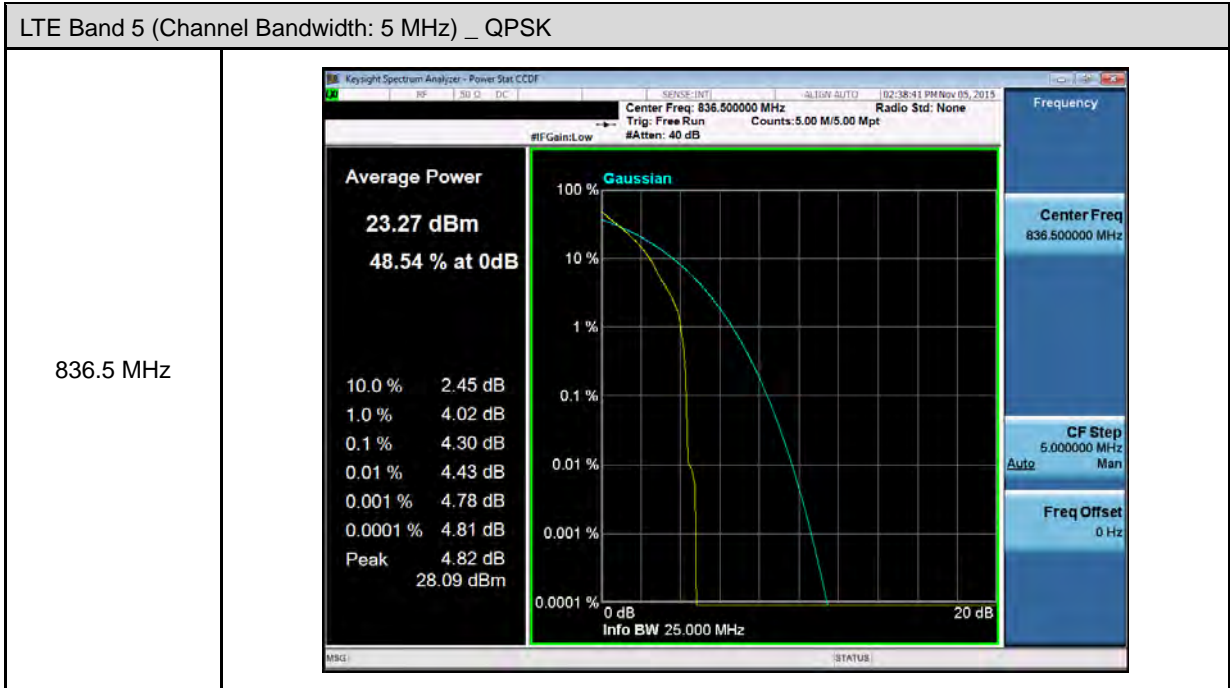


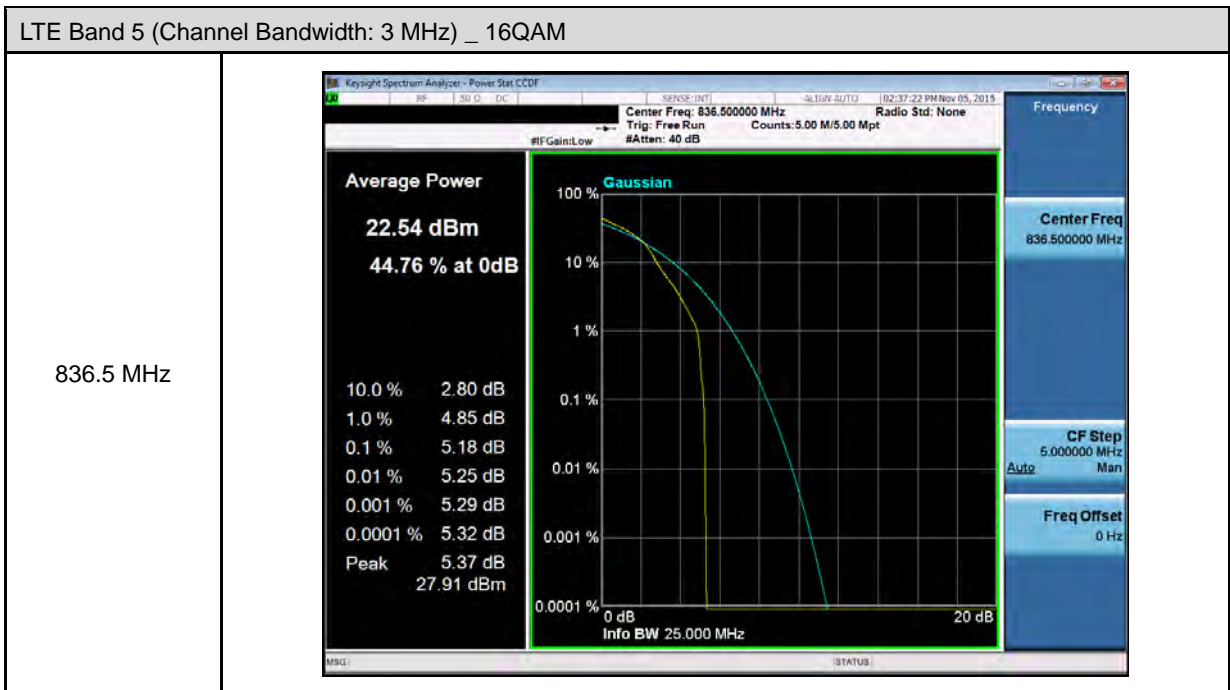
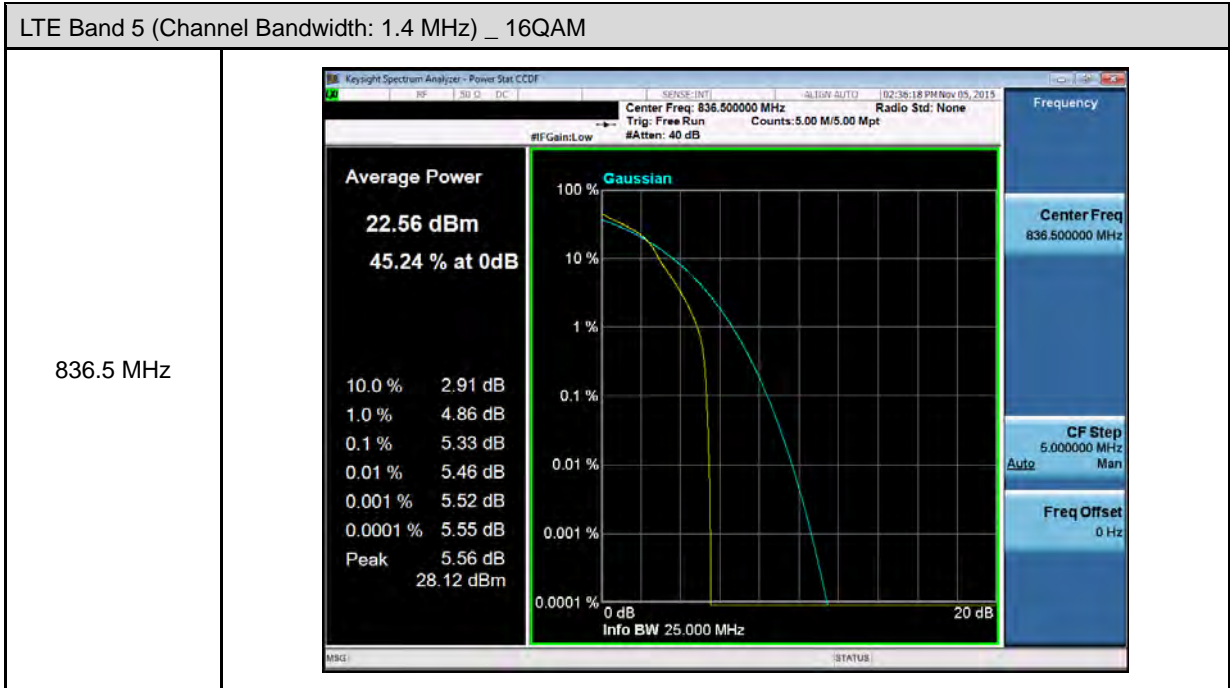


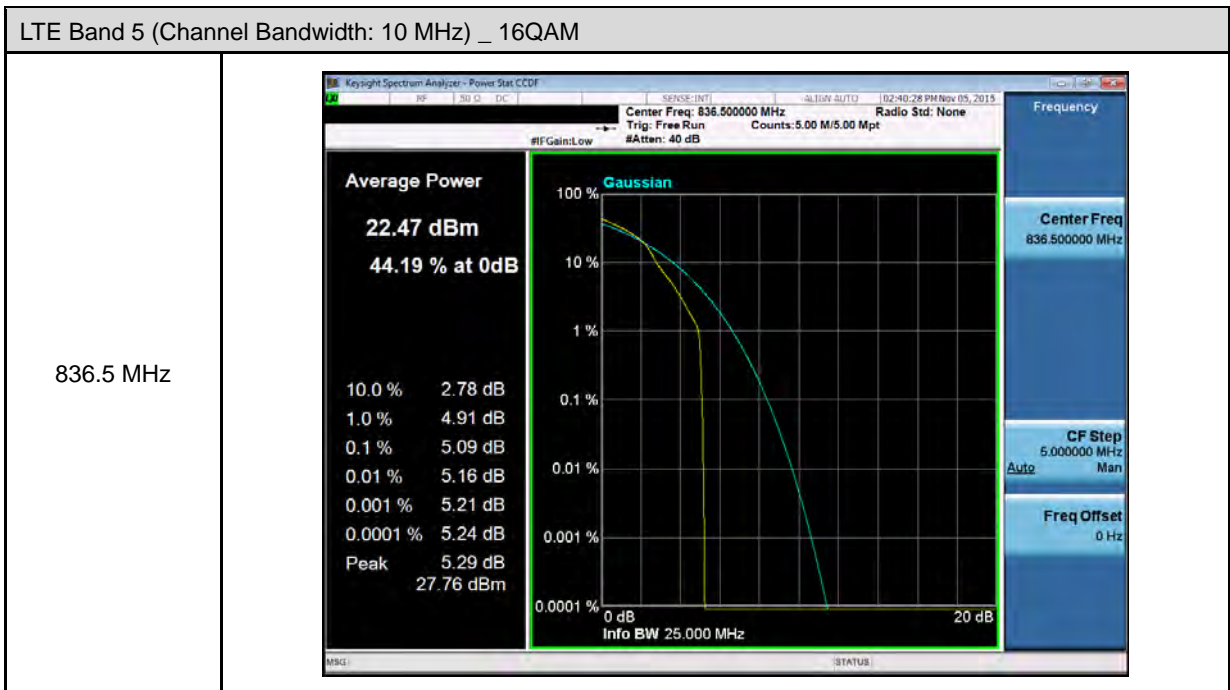
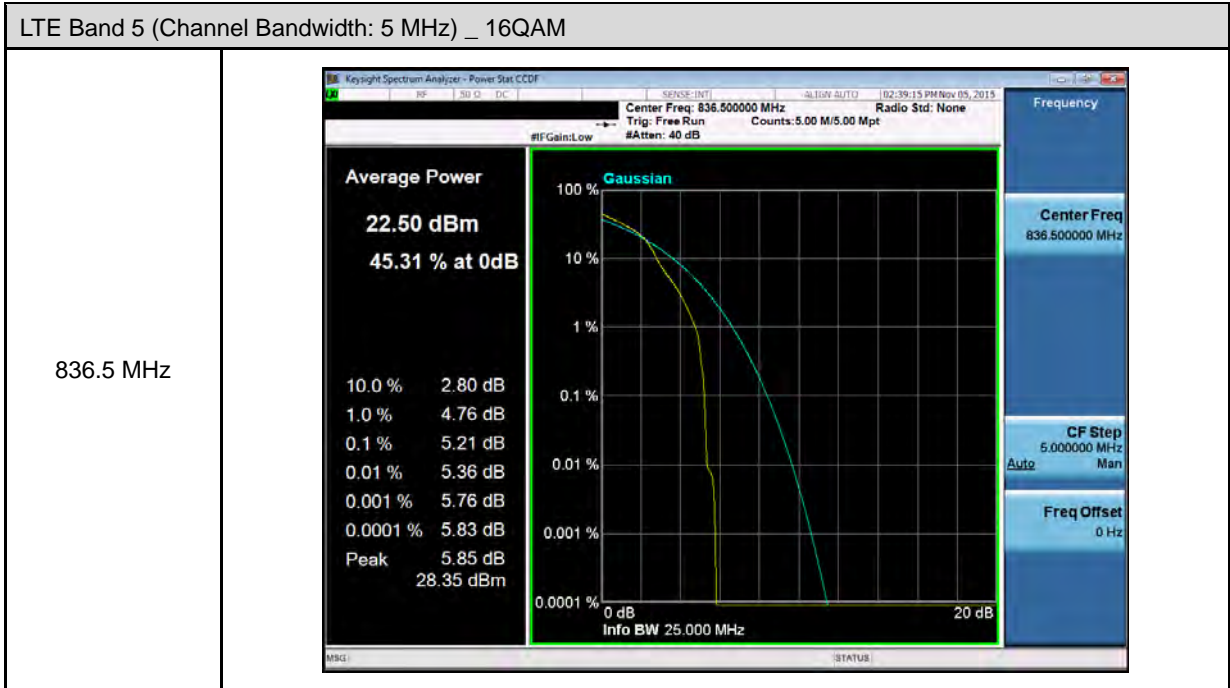


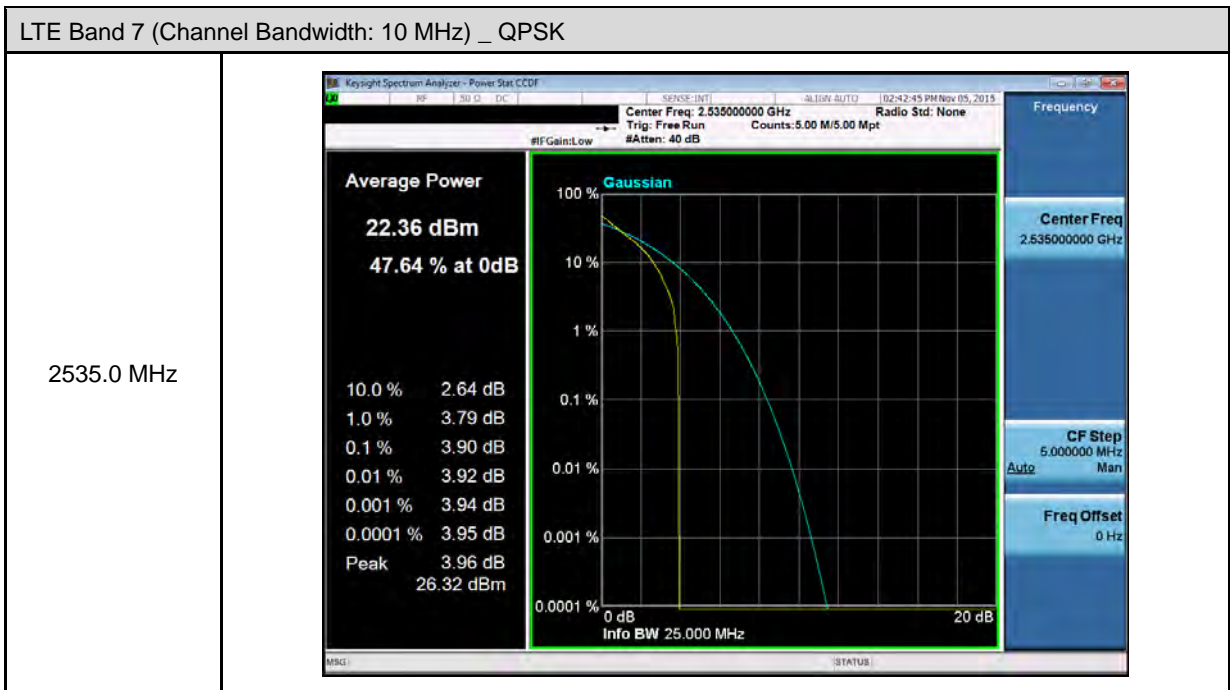
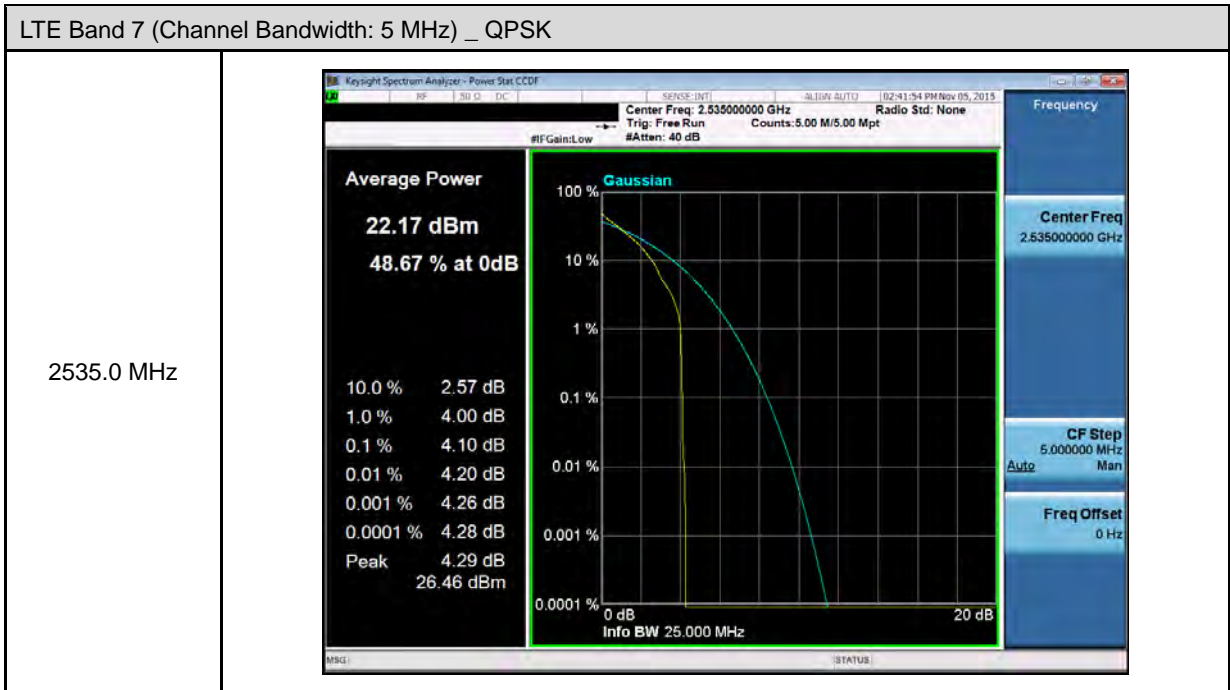


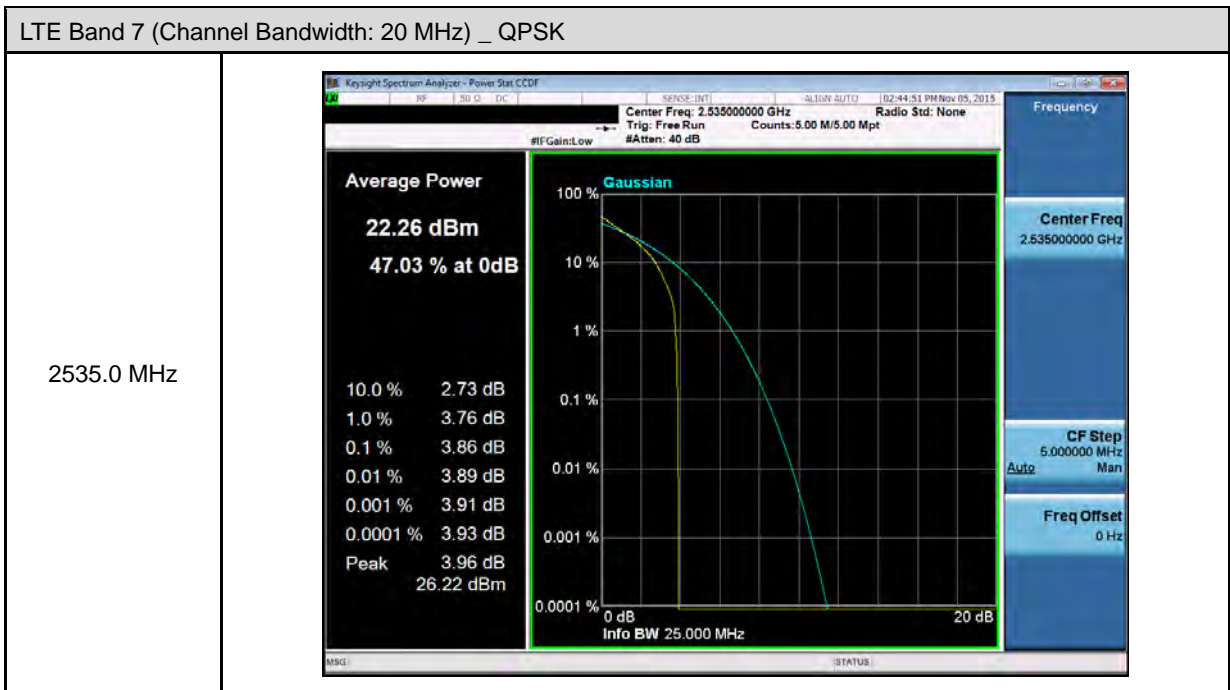
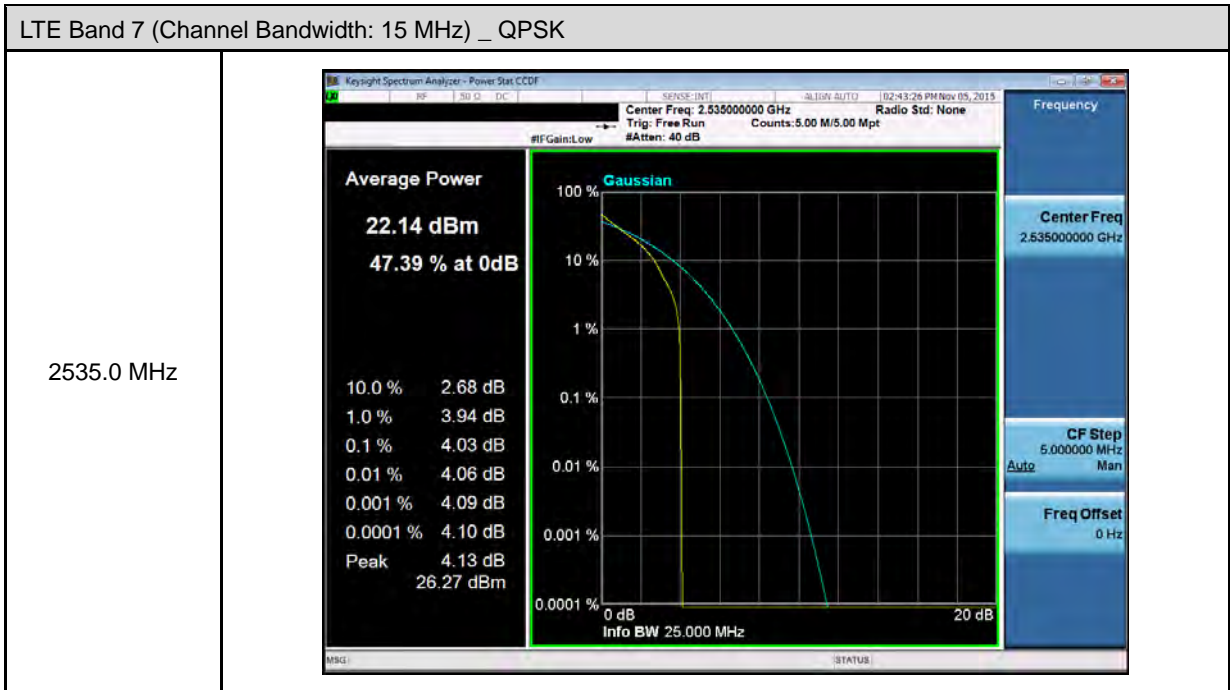


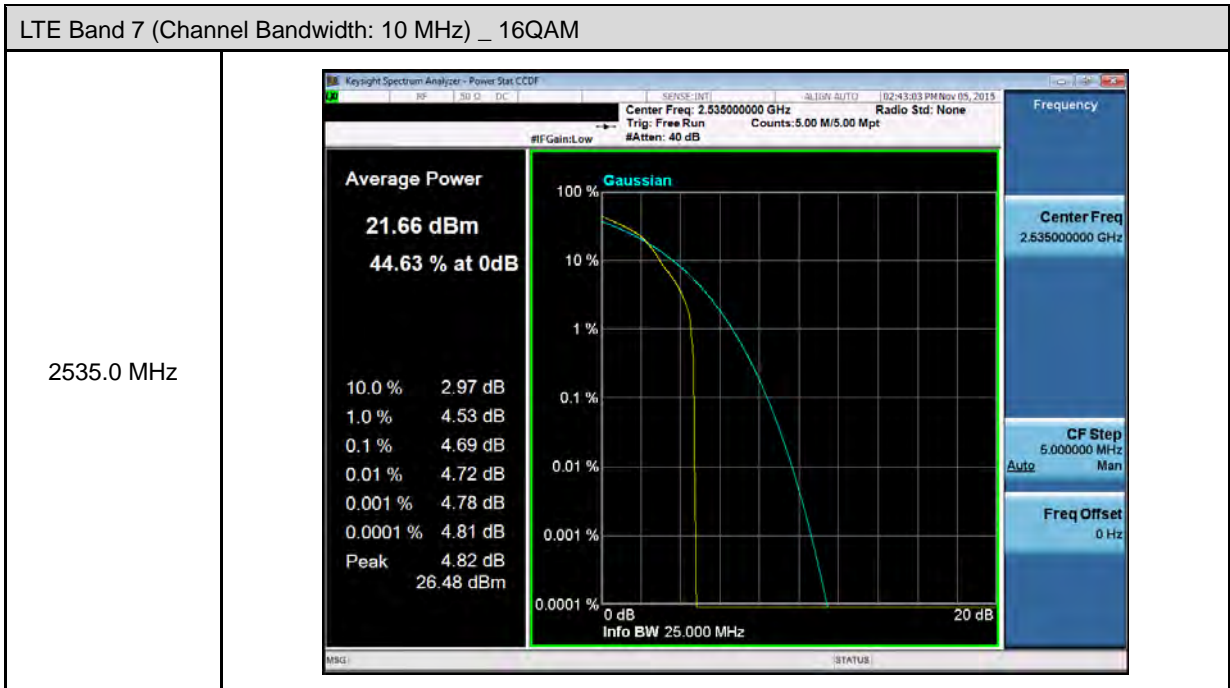
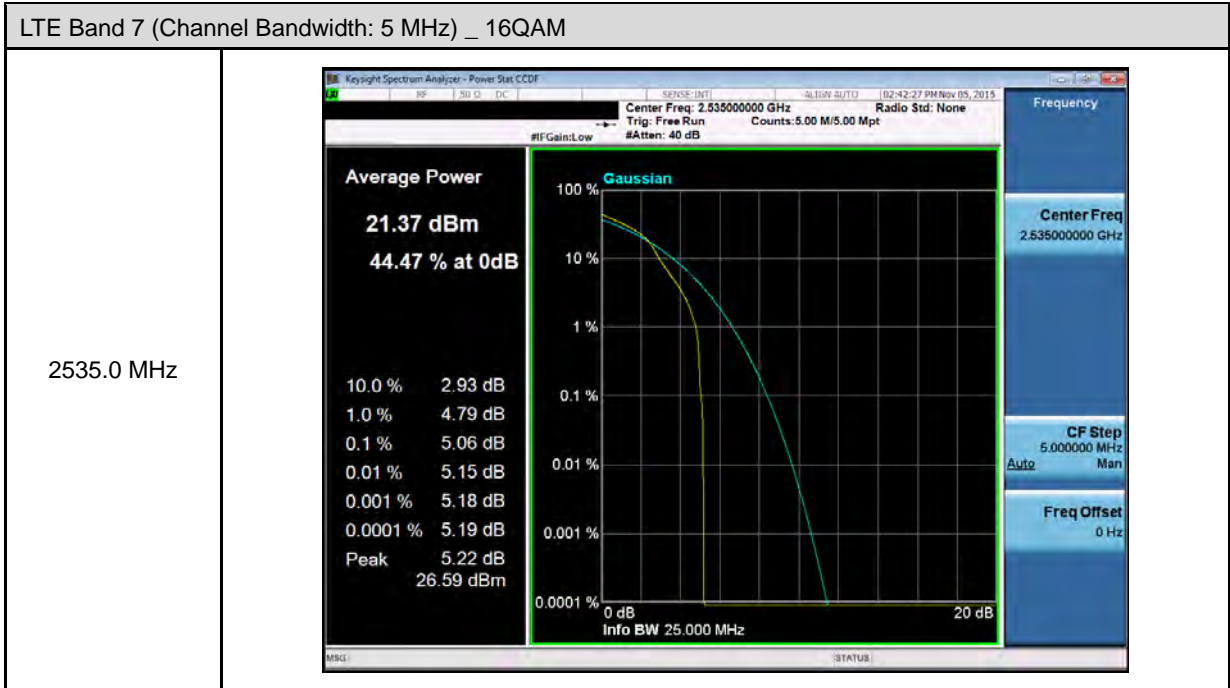


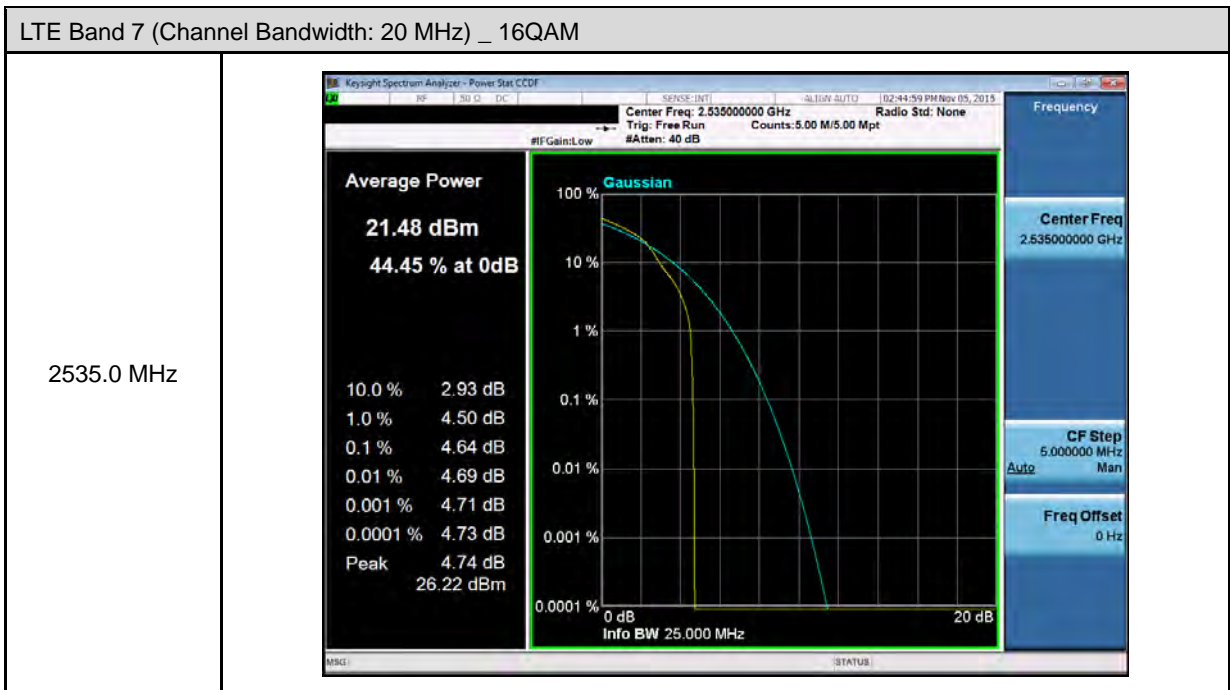
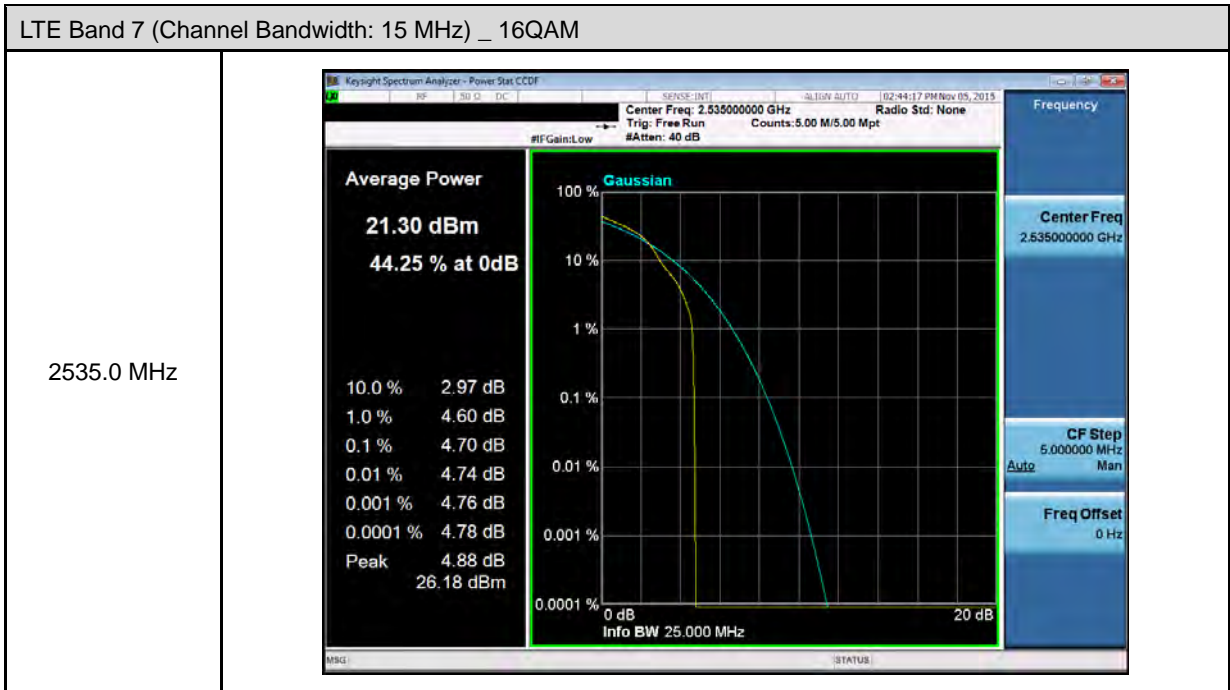


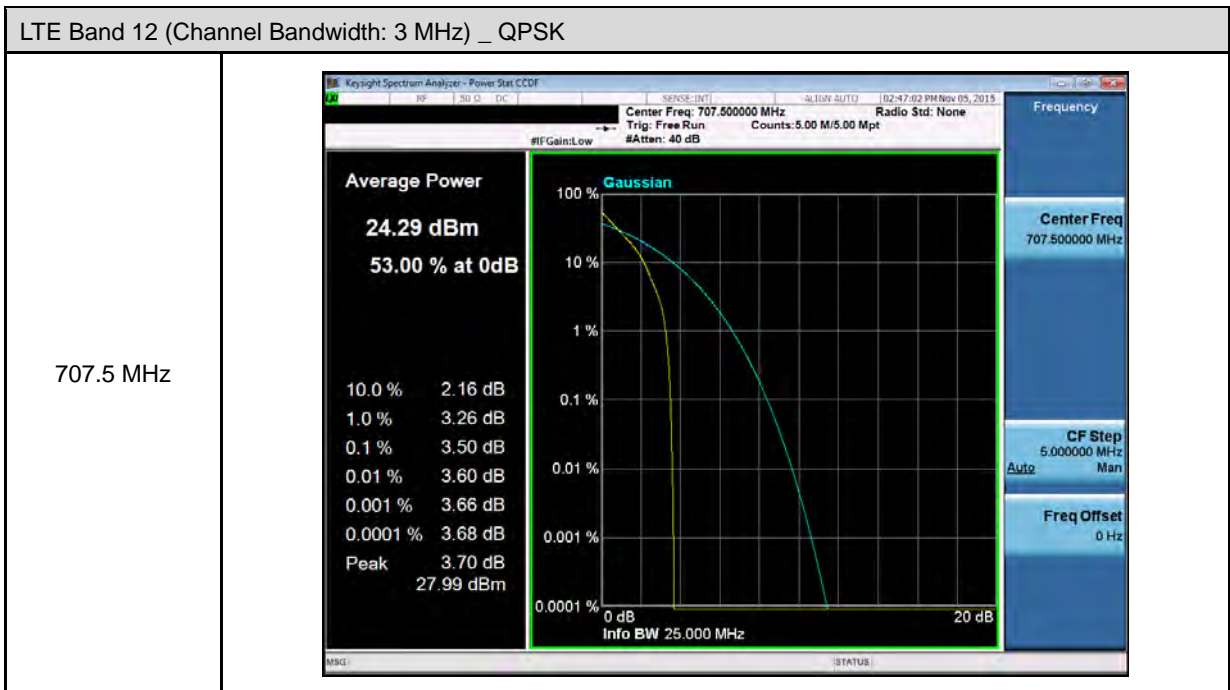
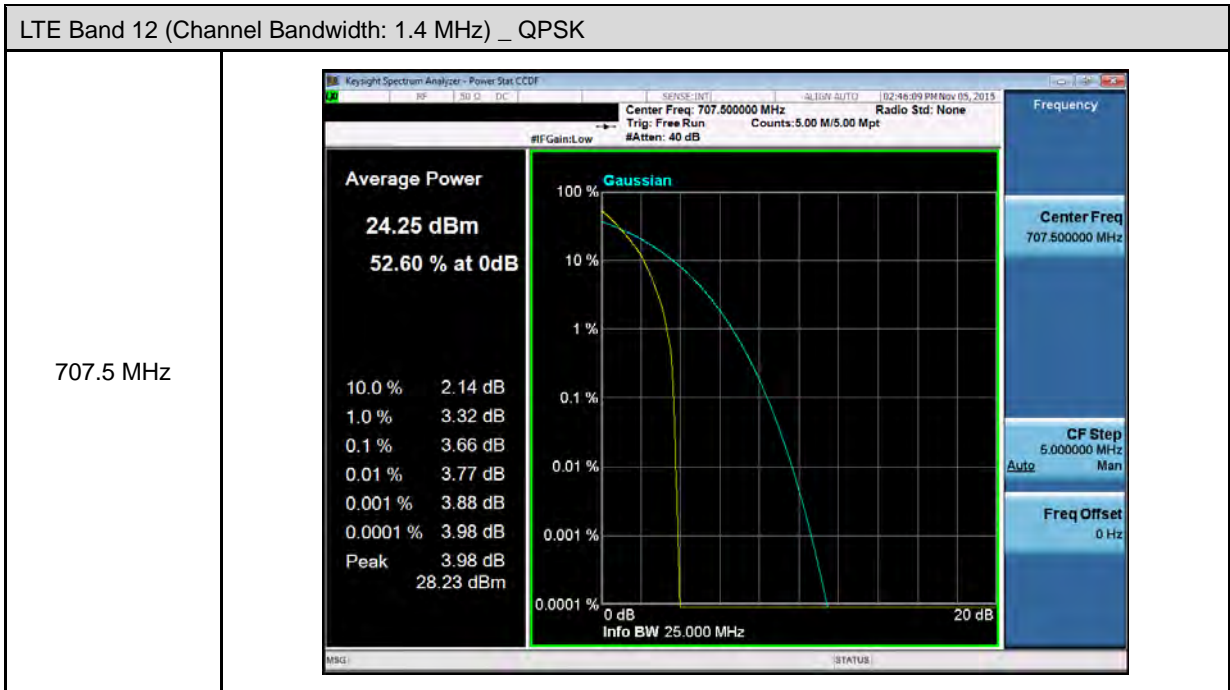


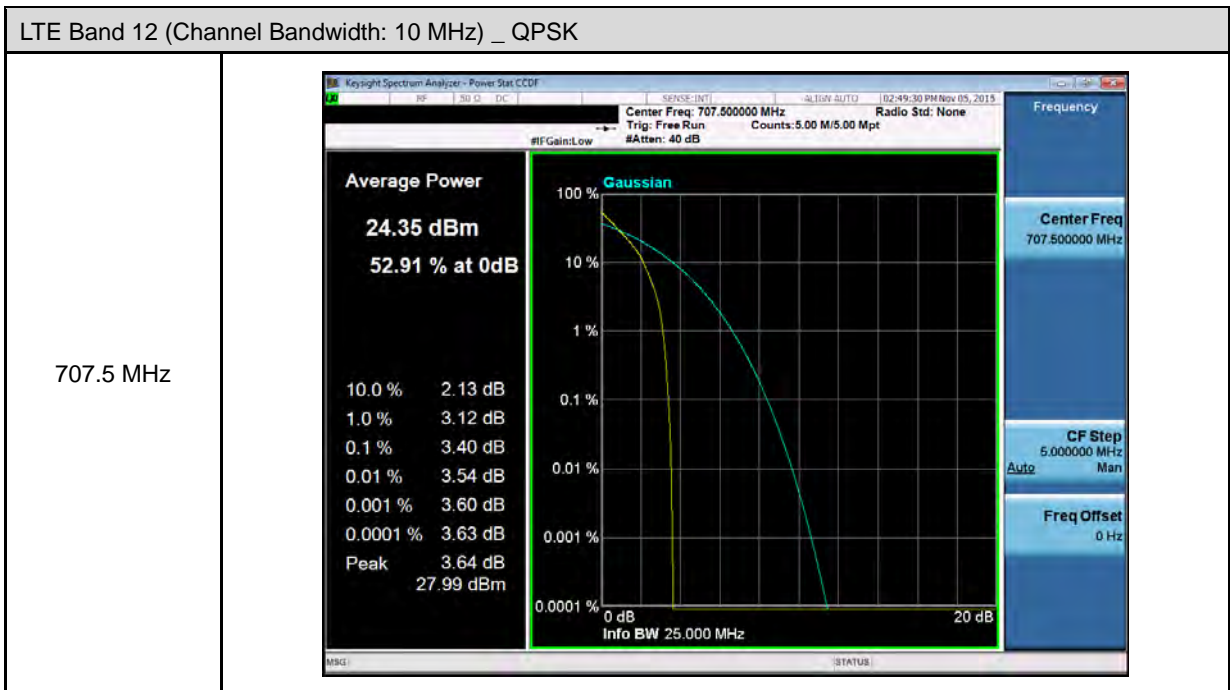
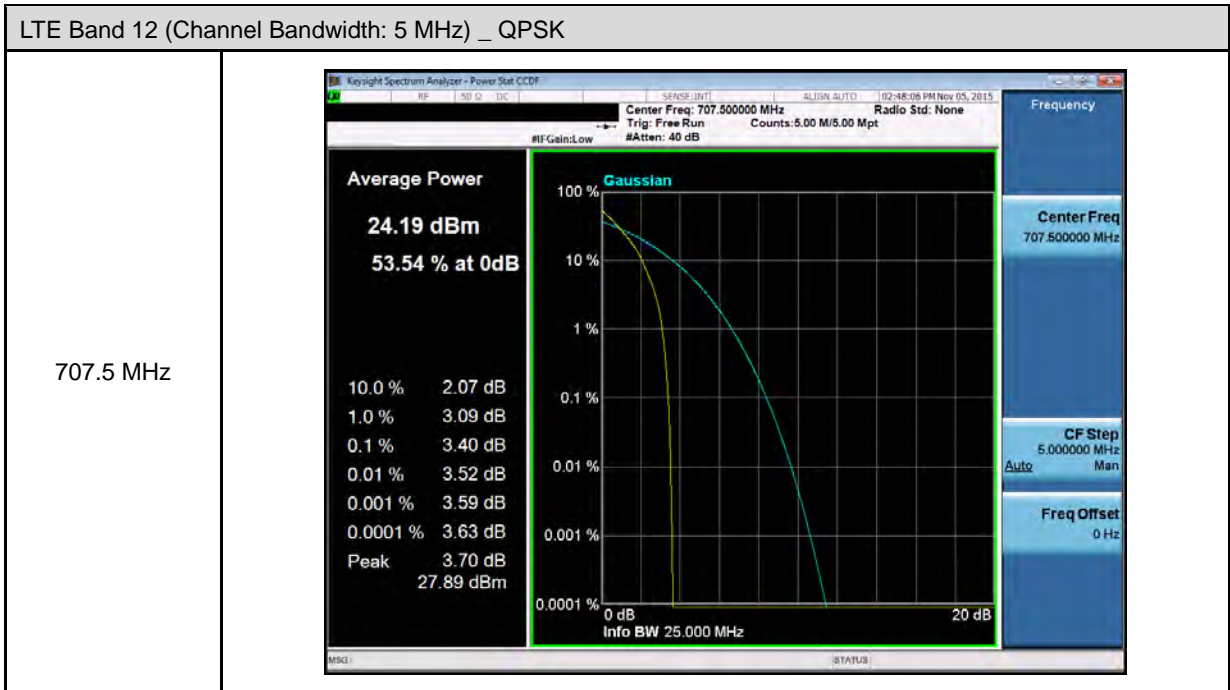


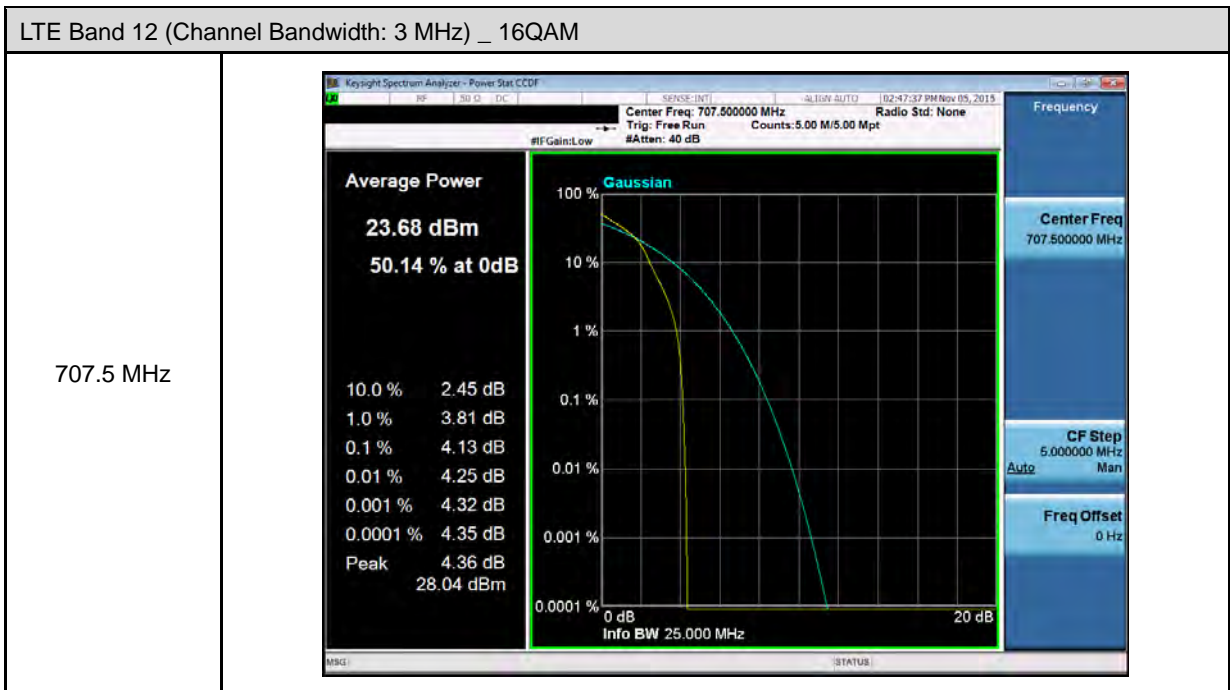
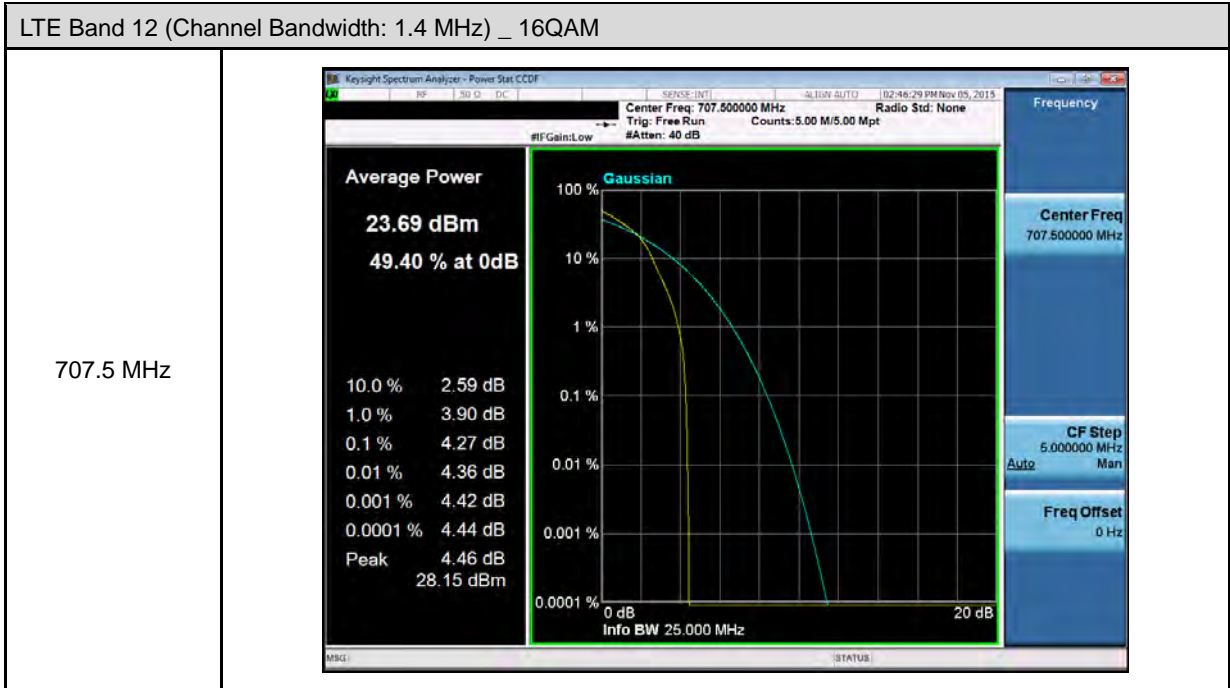


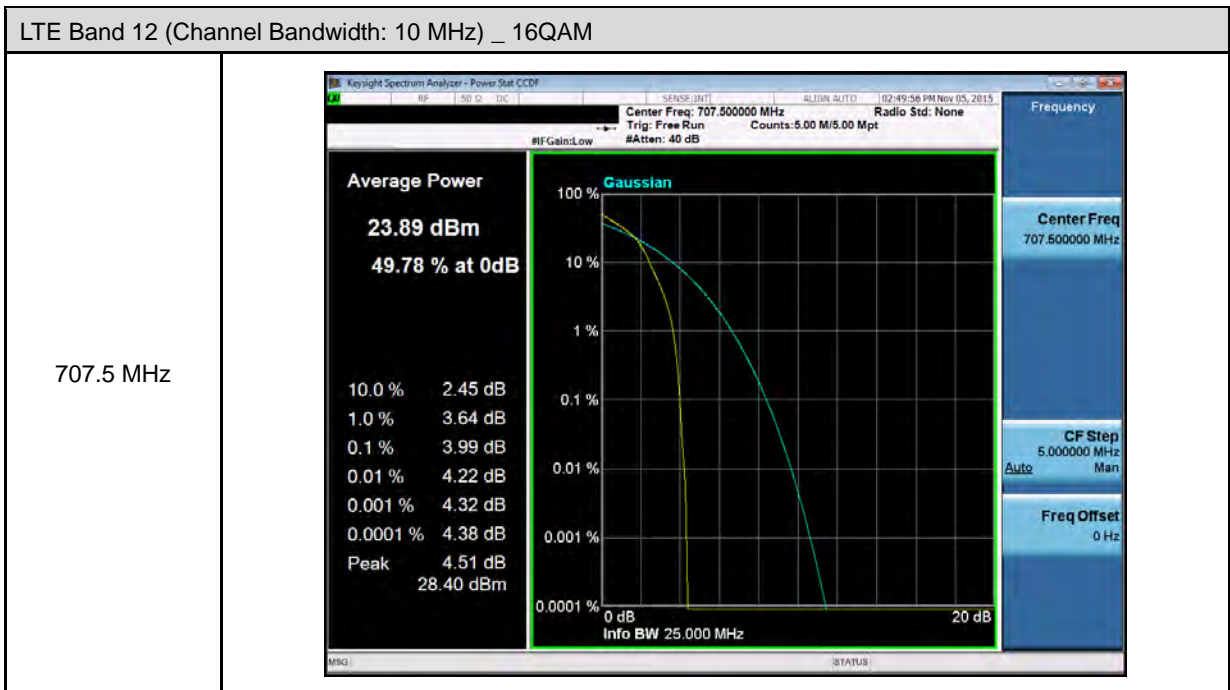
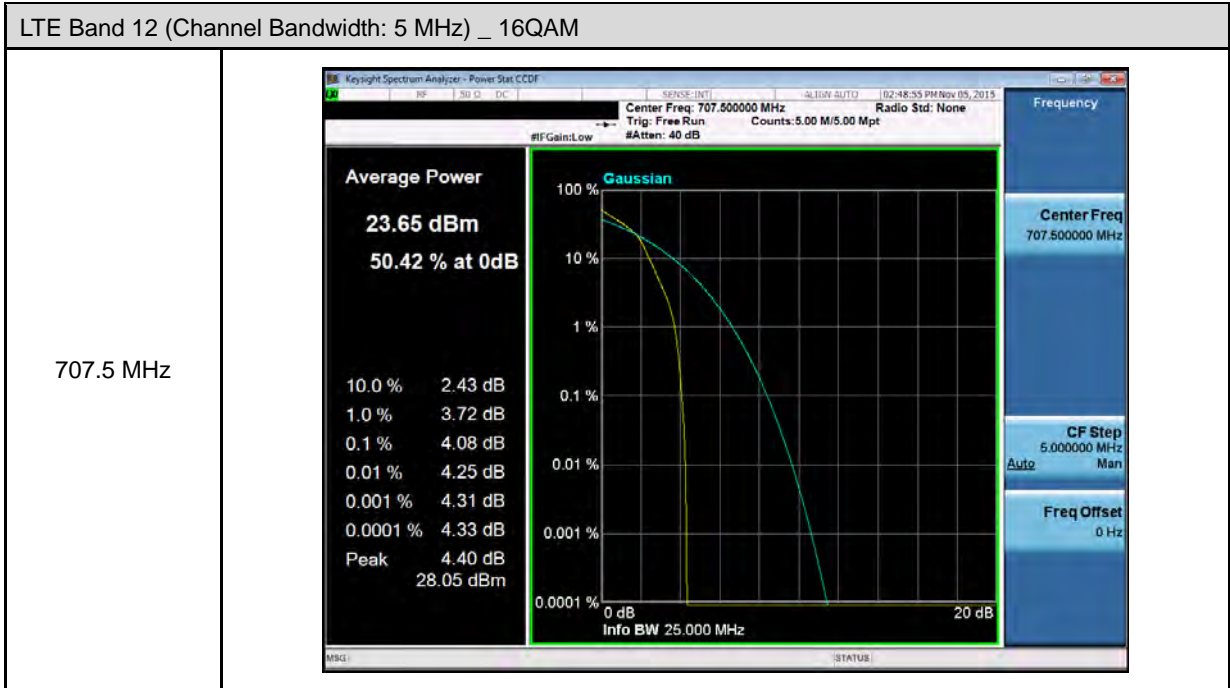


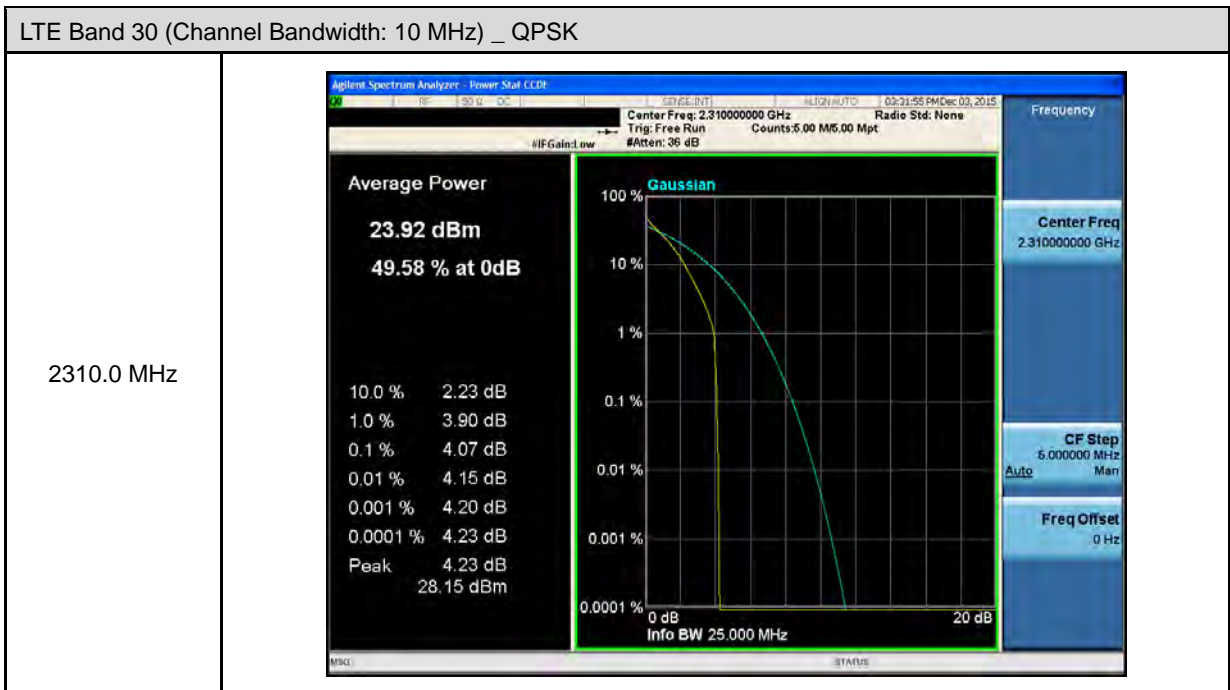
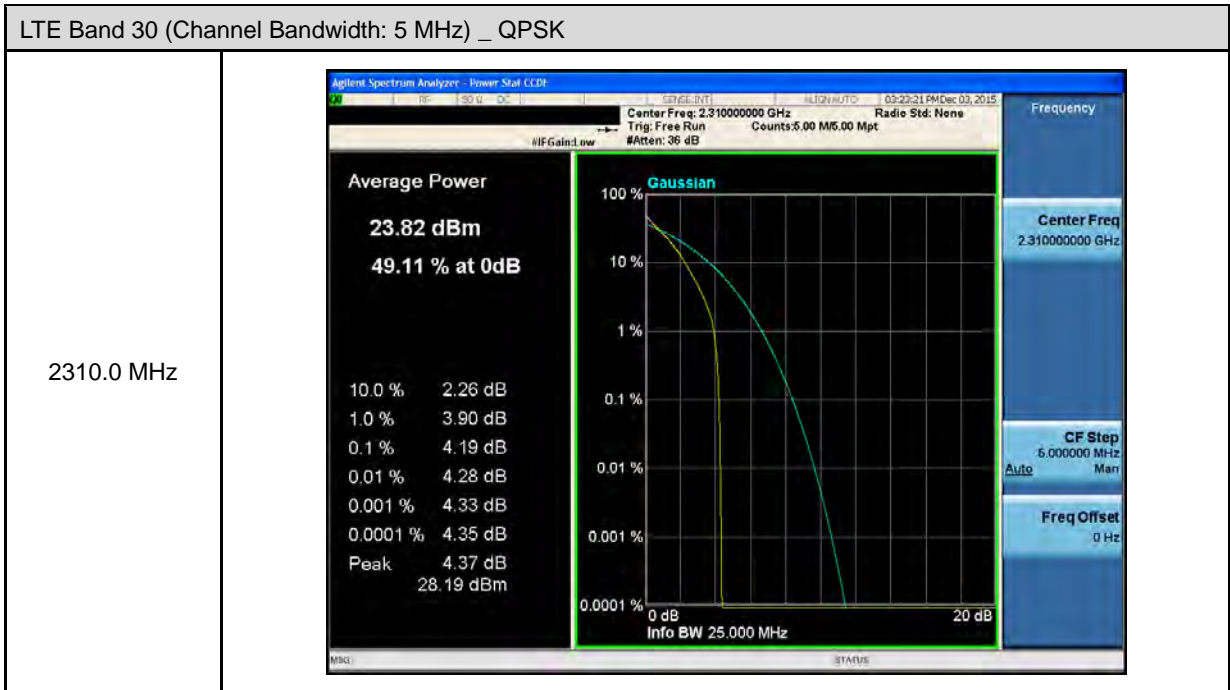


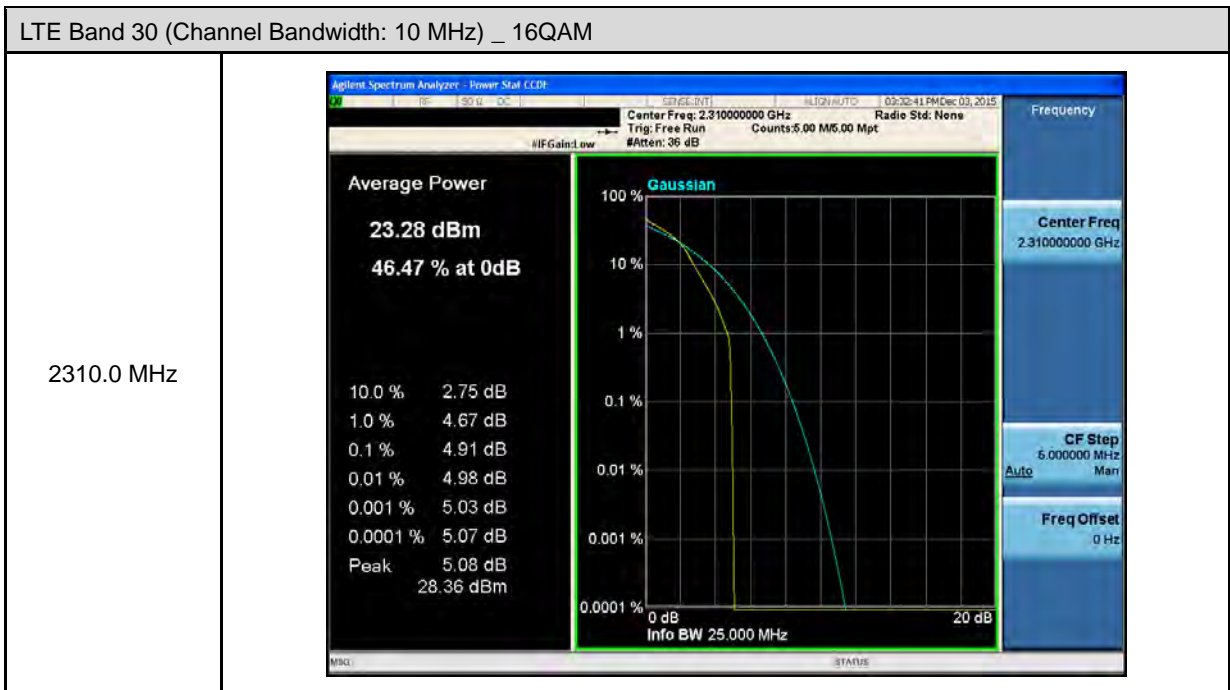
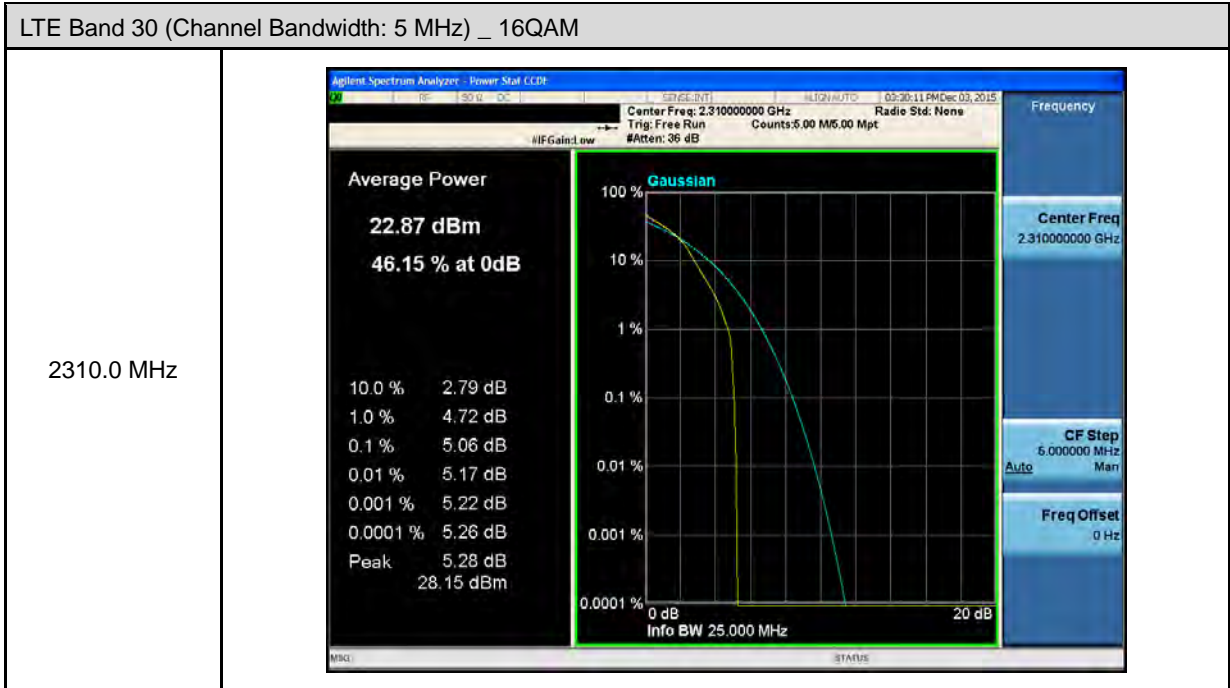












7 Band Edge Test

7.1. Limit

The Band Edge Limit:

§22.917(a), §24.238(a)

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

§27.53(g)

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

§27.53(m)

For mobile digital stations, the attenuation factor shall be not less than $43+10 \log(p)$ dB at the channel edge and $55+10 \log(P)$ dB at 5.5 megahertz from the channel edges.

§27.53(a)(4)

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

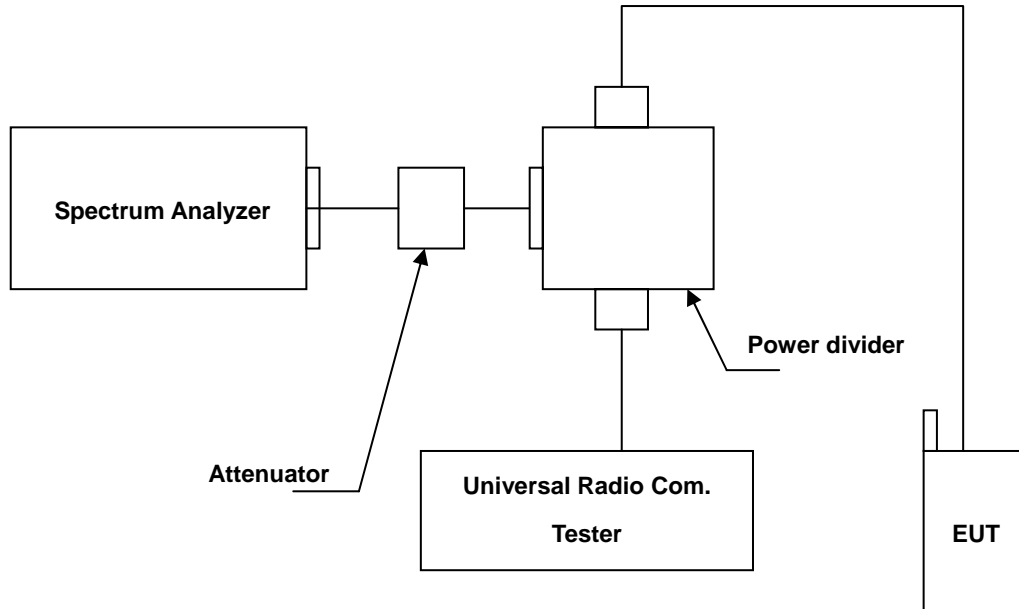
- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

7.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Period
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/14/2015	1 year
Wideband Radio Communication Test	R & S	CMW500	103168	10/30/2015	1 year
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

7.3. Setup



7.4. Test Procedure

The measurement is made according to FCC rules:

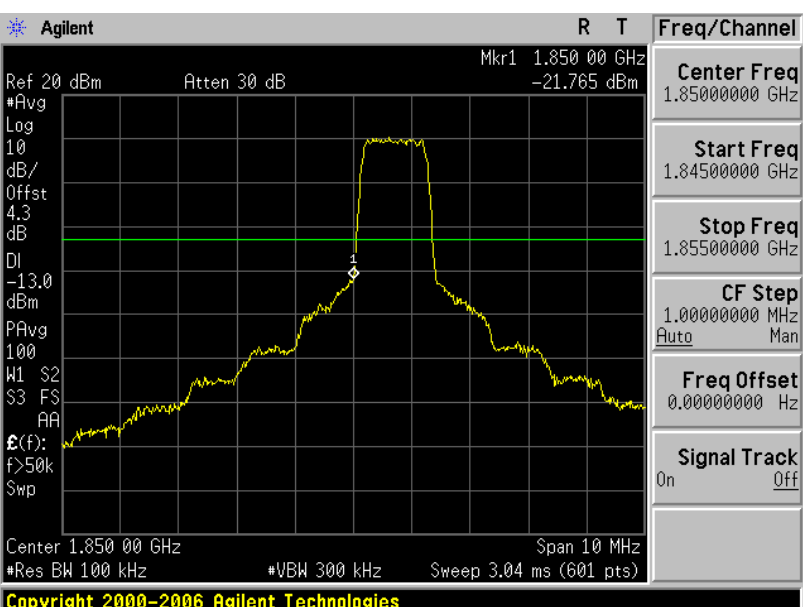
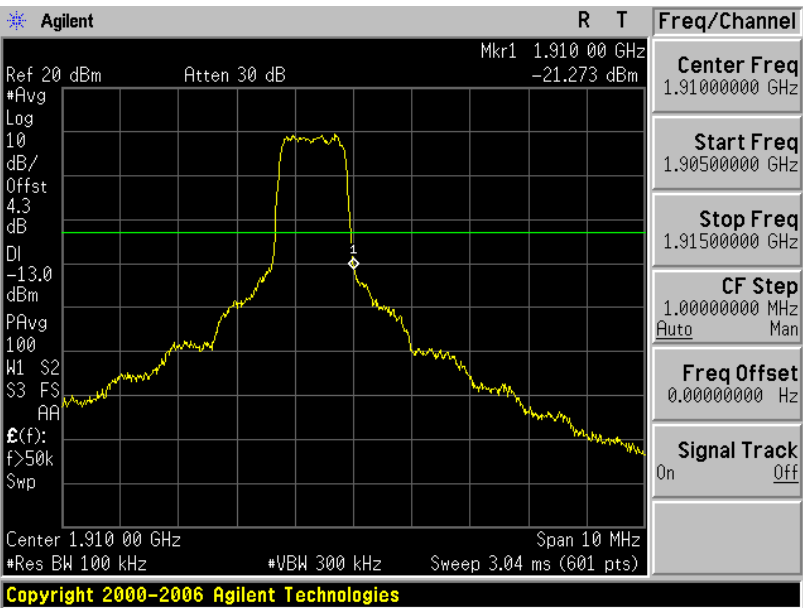
- The EUT was set up for the maximum peak power with LTE link data modulation. The power was measured with Spectrum Analyzer.
- The band edge measurement used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer. This splitter loss and cable loss are the worst loss in the transmitted path track.
- Record the max trace plot into the test report.

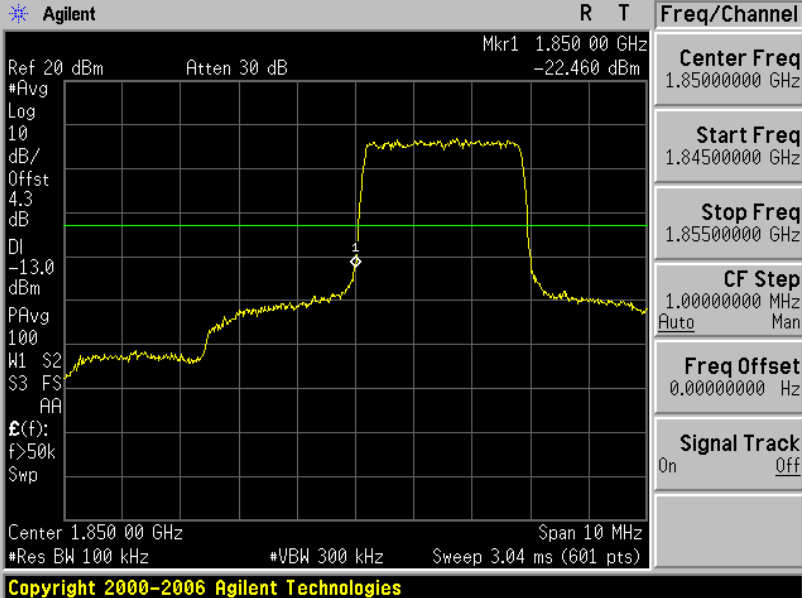
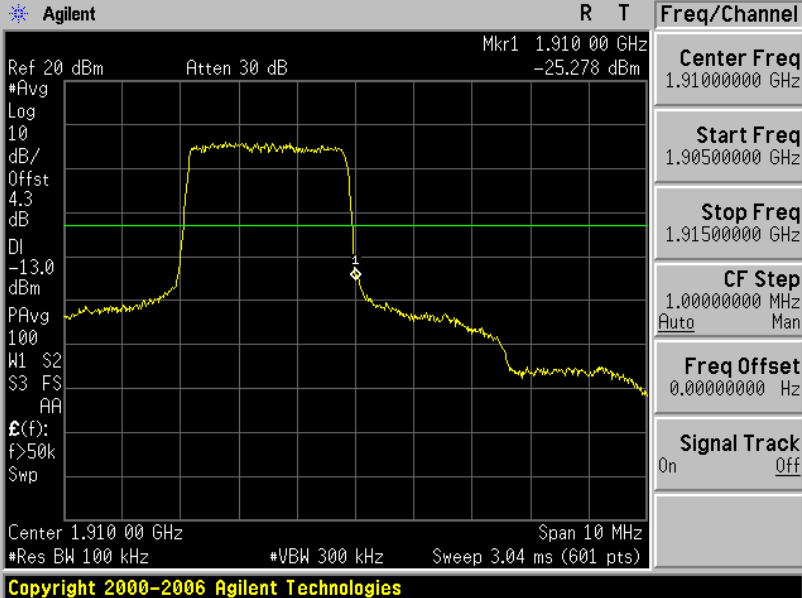
7.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

7.6. Test Results

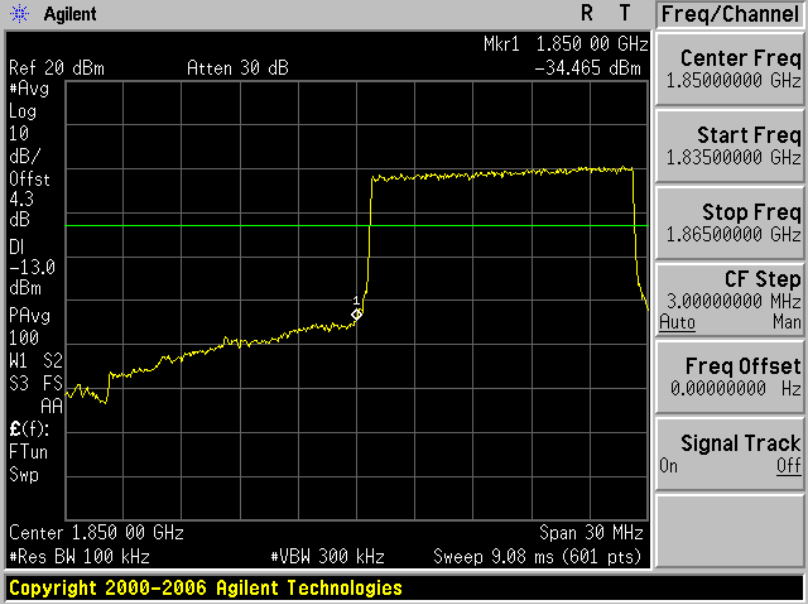
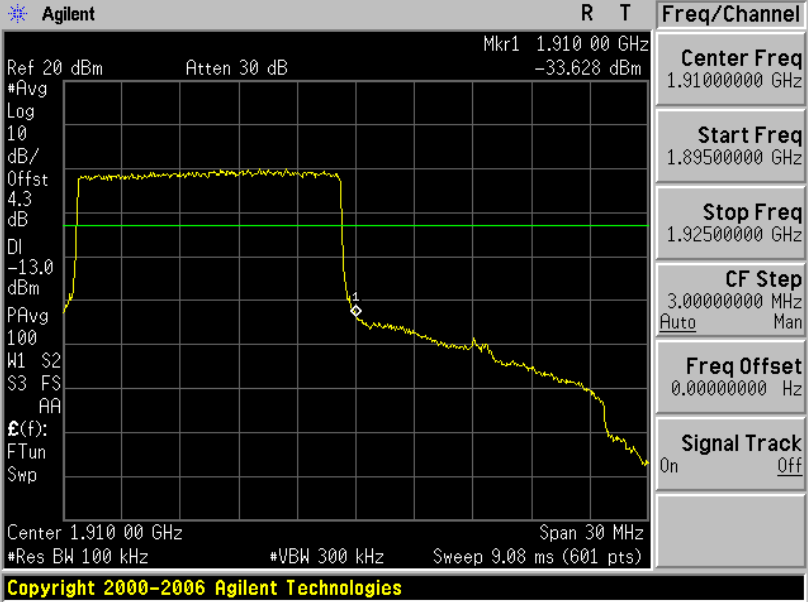
Model Number	AC815S
Test Item	Band Edge
Date of Test	10/19/2015, 12/03/2015

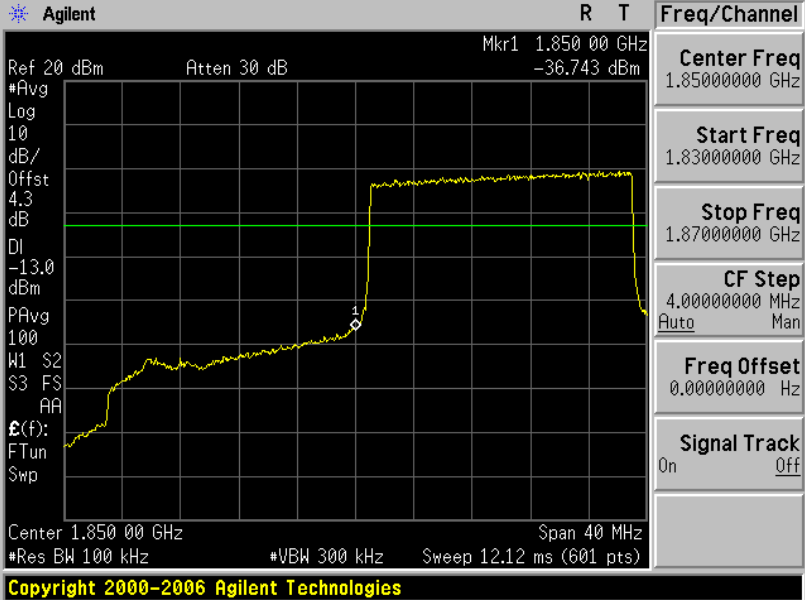
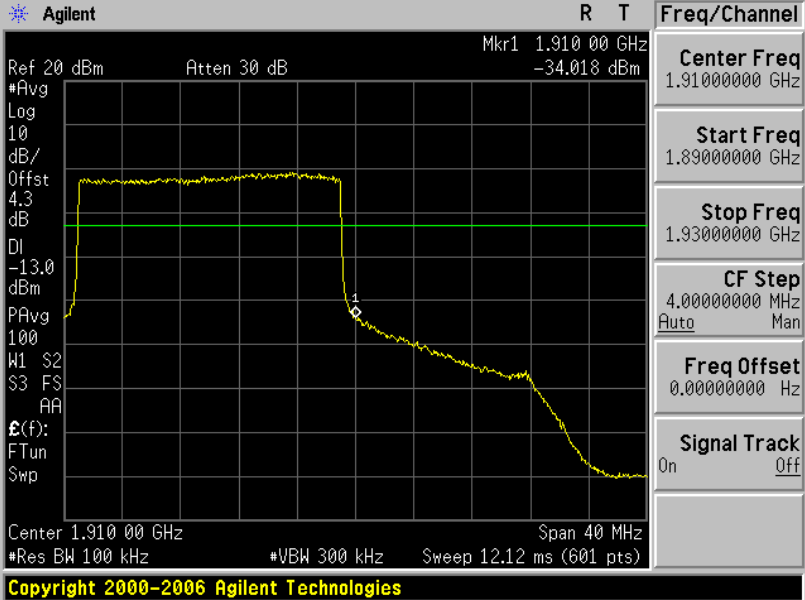
Operate Band	LTE Band 2	Channel Bandwidth	1.4 MHz	RB Allocated	6												
Lower Band Edge	 <p>Agilent R T Freq/Channel Mkr1 1.850 00 GHz Ref 20 dBm Atten 30 dB #Avg Log 10 dB/Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA E(f): f>50k Swp Center 1.850 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p> <table border="1"> <tr><td>Center Freq</td><td>1.85000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.84500000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.85500000 GHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	1.85000000 GHz	Start Freq	1.84500000 GHz	Stop Freq	1.85500000 GHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	1.85000000 GHz																
Start Freq	1.84500000 GHz																
Stop Freq	1.85500000 GHz																
CF Step	1.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																
Higher Band Edge	 <p>Agilent R T Freq/Channel Mkr1 1.910 00 GHz Ref 20 dBm Atten 30 dB #Avg Log 10 dB/Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA E(f): f>50k Swp Center 1.910 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p> <table border="1"> <tr><td>Center Freq</td><td>1.91000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.90500000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.91500000 GHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	1.91000000 GHz	Start Freq	1.90500000 GHz	Stop Freq	1.91500000 GHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Start Freq	1.90500000 GHz																
Stop Freq	1.91500000 GHz																
CF Step	1.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																

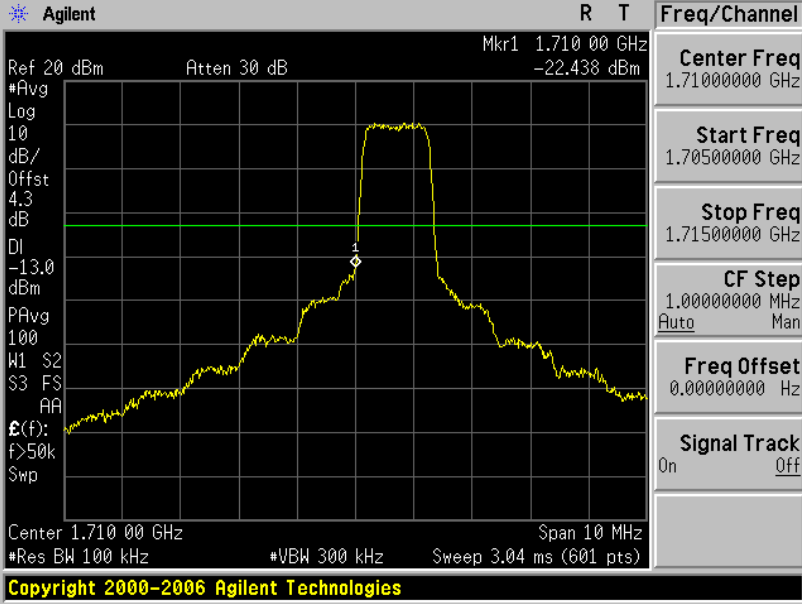
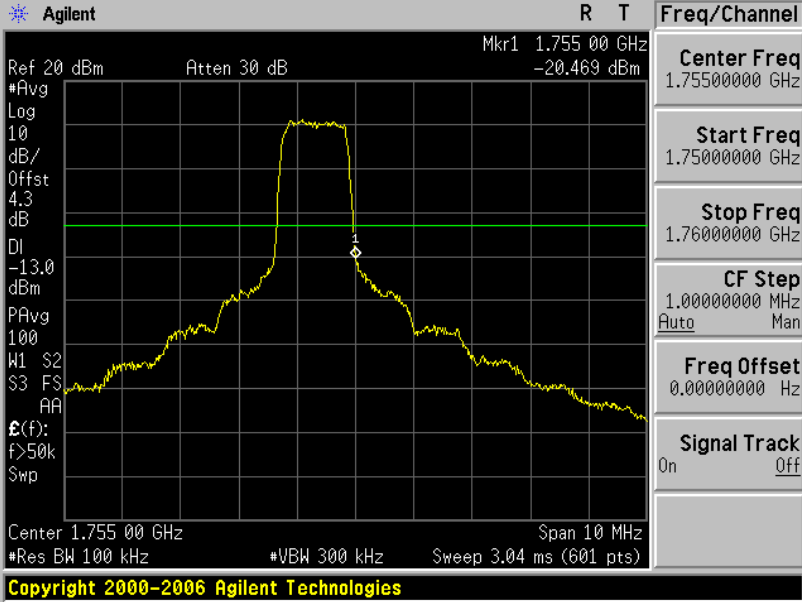
Operate Band	LTE Band 2	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.850 00 GHz -22.460 dBm</p> <p>Center Freq 1.85000000 GHz</p> <p>Start Freq 1.84500000 GHz</p> <p>Stop Freq 1.85500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.850 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.910 00 GHz -25.278 dBm</p> <p>Center Freq 1.91000000 GHz</p> <p>Start Freq 1.90500000 GHz</p> <p>Stop Freq 1.91500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.910 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

Operate Band	LTE Band 2	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 1.850 00 GHz Ref 20 dBm Atten 30 dB -26.800 dBm Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 1.850 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel Mkr1 1.910 00 GHz Ref 20 dBm Atten 30 dB -27.954 dBm Center Freq 1.91000000 GHz Start Freq 1.90500000 GHz Stop Freq 1.91500000 GHz CF Step 1.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 1.910 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p>				

Operate Band	LTE Band 2	Channel Bandwidth	10 MHz	RB Allocated	50												
Lower Band Edge	<p>Agilent R T Freq/Channel</p> <p>Mkr1 1.850 00 GHz -31.581 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA</p> <p>E(f): FTun Swp</p> <p>Center 1.850 00 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p> <table border="1" data-bbox="1236 398 1388 963"> <tr><td>Center Freq</td><td>1.85000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.84000000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.86000000 GHz</td></tr> <tr><td>CF Step</td><td>2.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	1.85000000 GHz	Start Freq	1.84000000 GHz	Stop Freq	1.86000000 GHz	CF Step	2.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	1.85000000 GHz																
Start Freq	1.84000000 GHz																
Stop Freq	1.86000000 GHz																
CF Step	2.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																
Higher Band Edge	<p>Agilent R T Freq/Channel</p> <p>Mkr1 1.910 00 GHz -33.571 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA</p> <p>E(f): FTun Swp</p> <p>Center 1.910 00 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p> <table border="1" data-bbox="1236 1039 1388 1603"> <tr><td>Center Freq</td><td>1.91000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.90000000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.92000000 GHz</td></tr> <tr><td>CF Step</td><td>2.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	1.91000000 GHz	Start Freq	1.90000000 GHz	Stop Freq	1.92000000 GHz	CF Step	2.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	1.91000000 GHz																
Start Freq	1.90000000 GHz																
Stop Freq	1.92000000 GHz																
CF Step	2.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																

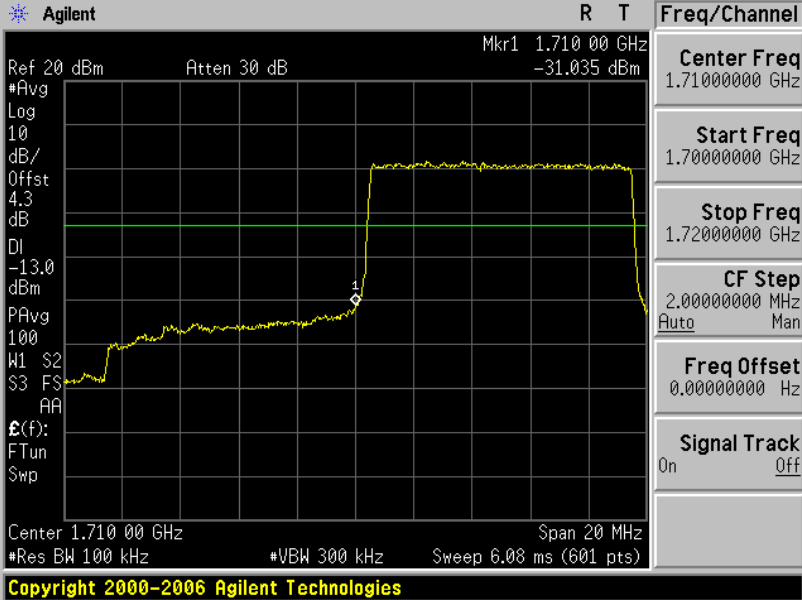
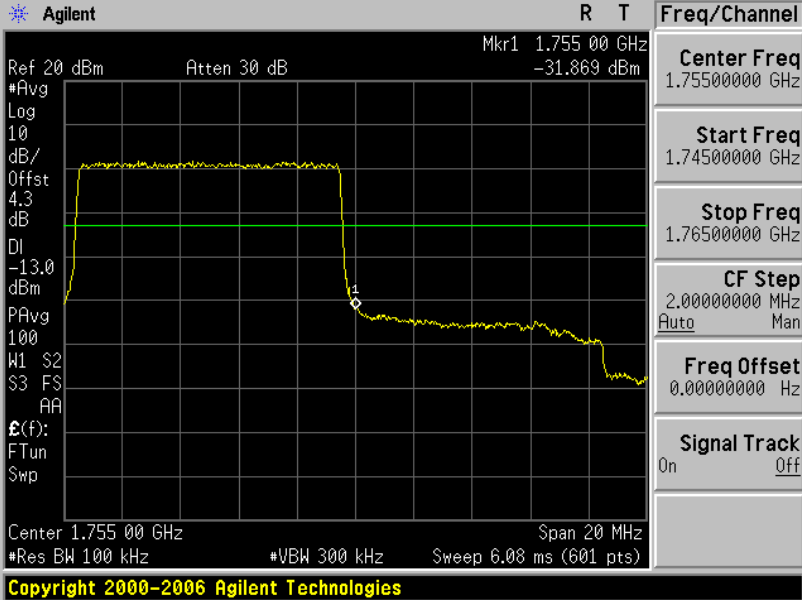
Operate Band	LTE Band 2	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.850 00 GHz -34.465 dBm</p> <p>Center Freq 1.85000000 GHz</p> <p>Start Freq 1.83500000 GHz</p> <p>Stop Freq 1.86500000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.850 00 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.910 00 GHz -33.628 dBm</p> <p>Center Freq 1.91000000 GHz</p> <p>Start Freq 1.89500000 GHz</p> <p>Stop Freq 1.92500000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.910 00 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

Operate Band	LTE Band 2	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.850 00 GHz -36.743 dBm</p> <p>Center Freq 1.85000000 GHz</p> <p>Start Freq 1.83000000 GHz</p> <p>Stop Freq 1.87000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.850 00 GHz Span 40 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.910 00 GHz -34.018 dBm</p> <p>Center Freq 1.91000000 GHz</p> <p>Start Freq 1.89000000 GHz</p> <p>Stop Freq 1.93000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.910 00 GHz Span 40 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

Operate Band	LTE Band 4	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.710 00 GHz -22.438 dBm</p> <p>Center Freq 1.71000000 GHz</p> <p>Start Freq 1.70500000 GHz</p> <p>Stop Freq 1.71500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.710 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.755 00 GHz -20.469 dBm</p> <p>Center Freq 1.75500000 GHz</p> <p>Start Freq 1.75000000 GHz</p> <p>Stop Freq 1.76000000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.755 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

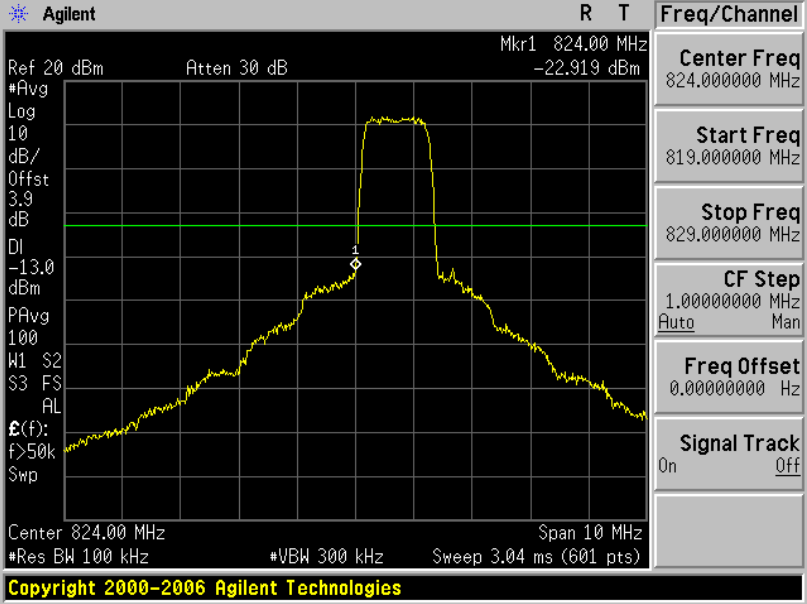
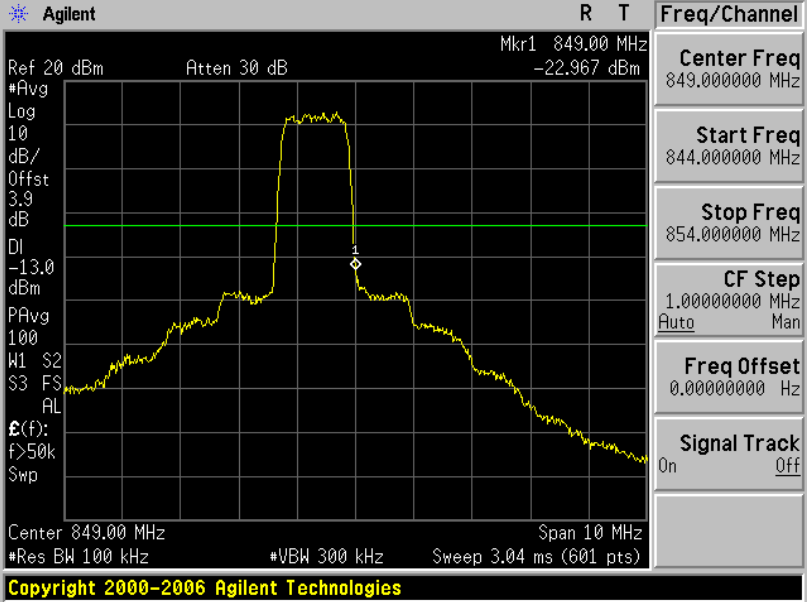
Operate Band	LTE Band 4	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 1.710 00 GHz -20.145 dBm Center Freq 1.71000000 GHz Start Freq 1.70500000 GHz Stop Freq 1.71500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 1.710 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel Mkr1 1.755 00 GHz -20.236 dBm Center Freq 1.75500000 GHz Start Freq 1.75000000 GHz Stop Freq 1.76000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 1.755 00 GHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p>				

Operate Band	LTE Band 4	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	<p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -26.696 dBm</p> <p>Center Freq 1.71000000 GHz</p> <p>Start Freq 1.70500000 GHz</p> <p>Stop Freq 1.71500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.710 00 GHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -25.972 dBm</p> <p>Center Freq 1.75500000 GHz</p> <p>Start Freq 1.75000000 GHz</p> <p>Stop Freq 1.76000000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.755 00 GHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

Operate Band	LTE Band 4	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.710 00 GHz -31.035 dBm</p> <p>Center Freq 1.71000000 GHz</p> <p>Start Freq 1.70000000 GHz</p> <p>Stop Freq 1.72000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.710 00 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 1.755 00 GHz -31.869 dBm</p> <p>Center Freq 1.75500000 GHz</p> <p>Start Freq 1.74500000 GHz</p> <p>Stop Freq 1.76500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.755 00 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

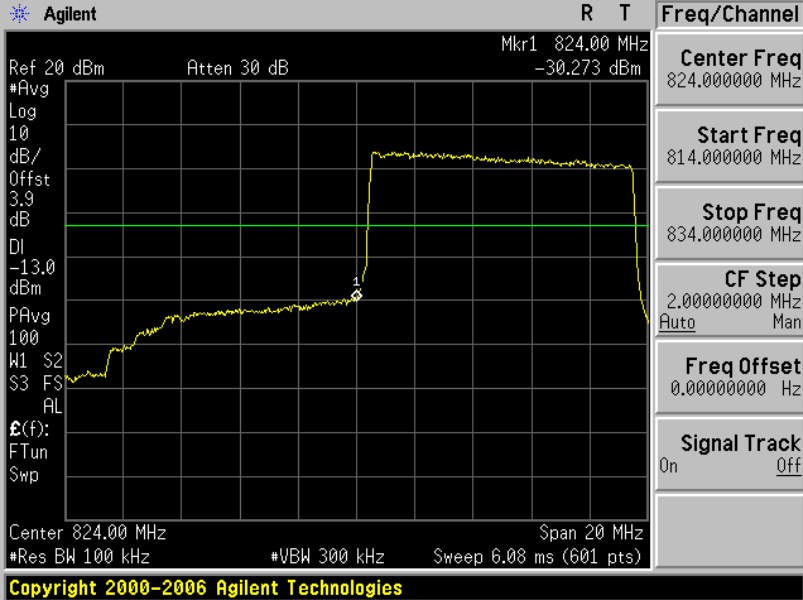
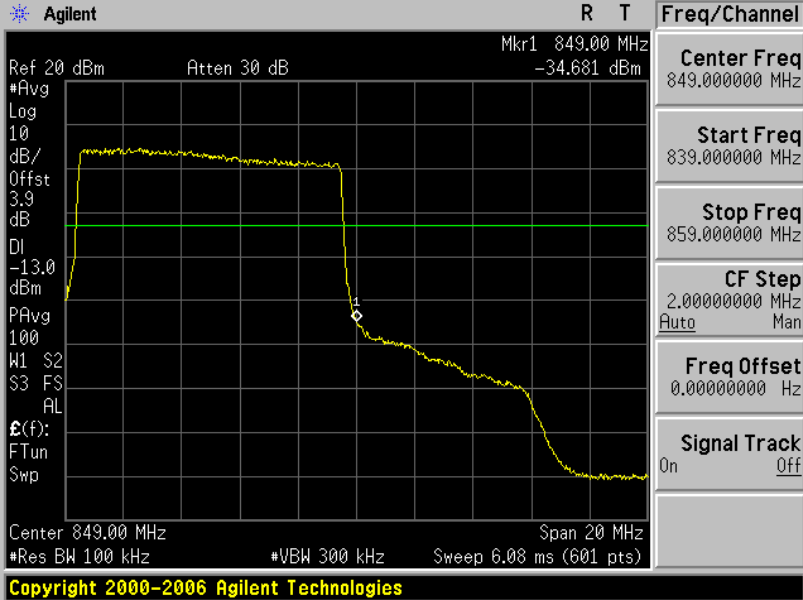
Operate Band	LTE Band 4	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 1.710 00 GHz -33.152 dBm Center Freq 1.71000000 GHz Start Freq 1.69500000 GHz Stop Freq 1.72500000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 1.710 00 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel Mkr1 1.755 00 GHz -33.126 dBm Center Freq 1.75500000 GHz Start Freq 1.74000000 GHz Stop Freq 1.77000000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 1.755 00 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p>				

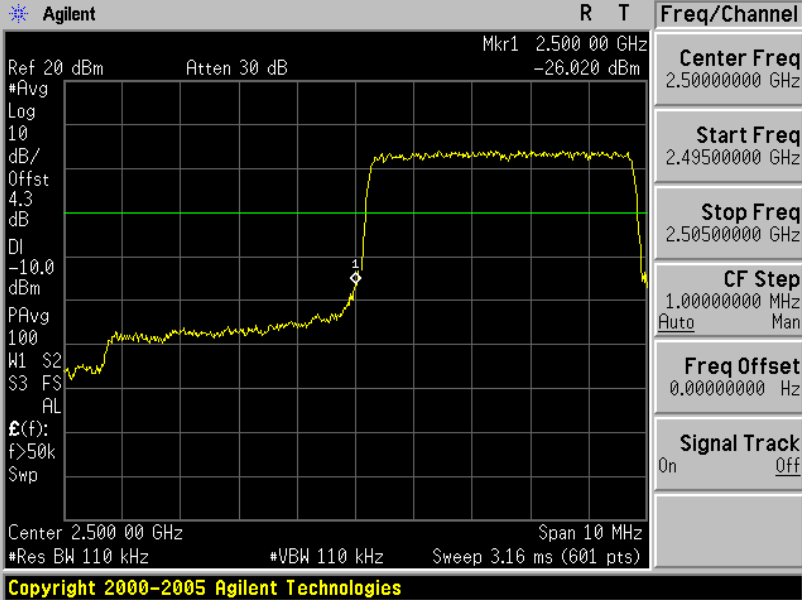
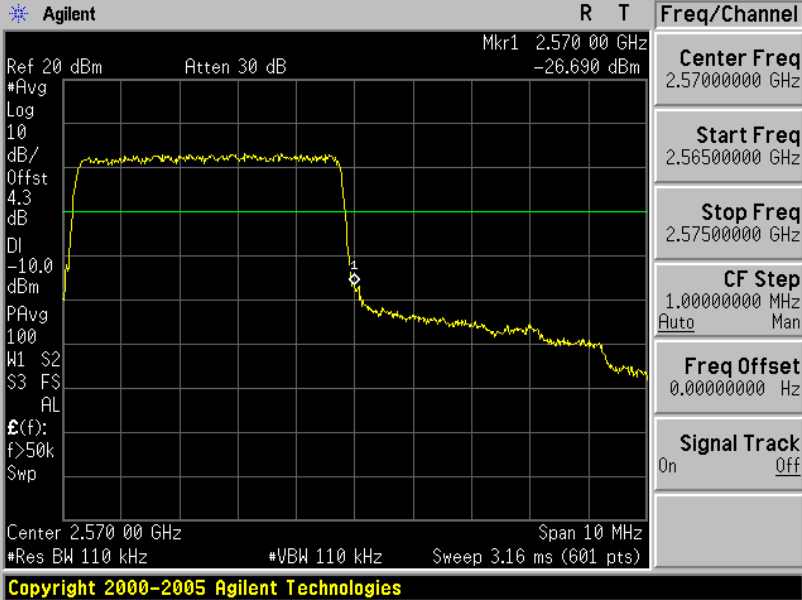
Operate Band	LTE Band 4	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge	<p>Agilent R T Freq/Channel</p> <p>Mkr1 1.710 00 GHz -34.947 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA</p> <p>Center 1.710 00 GHz Span 40 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p> <p>Center Freq: 1.71000000 GHz Start Freq: 1.69000000 GHz Stop Freq: 1.73000000 GHz CF Step: 4.00000000 MHz (Auto/Man) Freq Offset: 0.00000000 Hz Signal Track: On/Off</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel</p> <p>Mkr1 1.755 00 GHz -34.177 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA</p> <p>Center 1.755 00 GHz Span 40 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p> <p>Center Freq: 1.75500000 GHz Start Freq: 1.73500000 GHz Stop Freq: 1.77500000 GHz CF Step: 4.00000000 MHz (Auto/Man) Freq Offset: 0.00000000 Hz Signal Track: On/Off</p>				

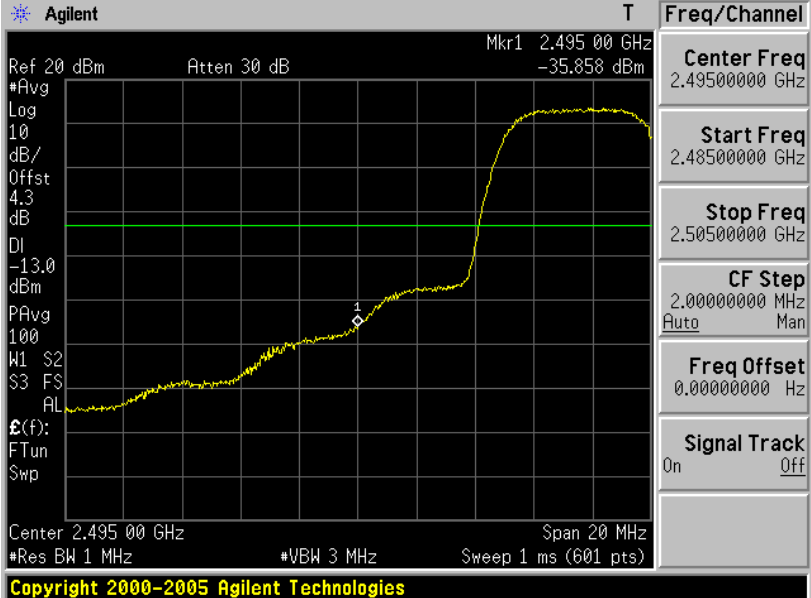

Operate Band	LTE Band 5	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 824.00 MHz -22.919 dBm</p> <p>Center Freq 824.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 829.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 824.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 849.00 MHz -22.967 dBm</p> <p>Center Freq 849.000000 MHz</p> <p>Start Freq 844.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 849.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

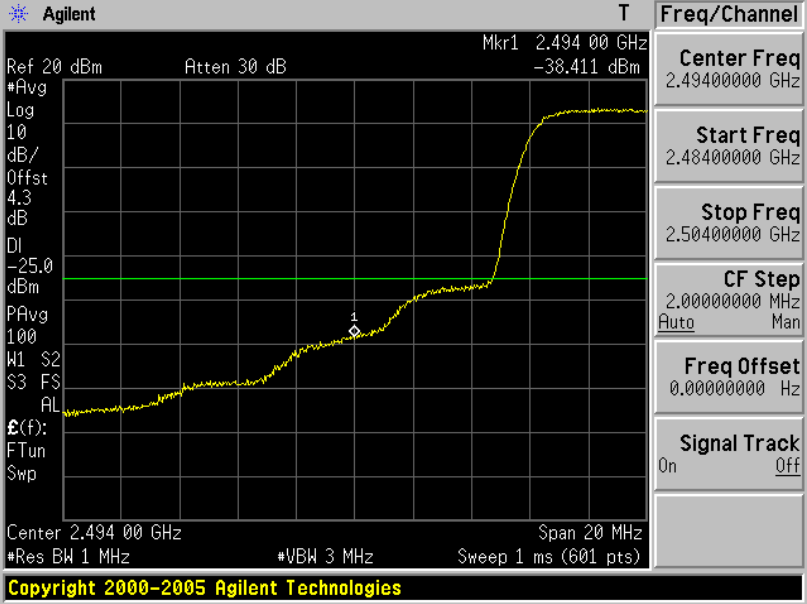
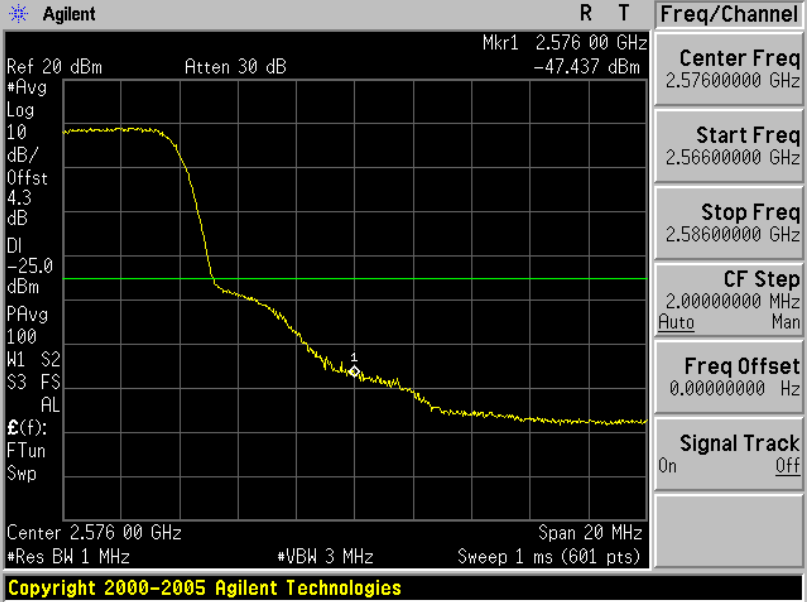
Operate Band	LTE Band 5	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	<p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -20.504 dBm</p> <p>Center Freq 824.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 829.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Start 819.00 MHz Stop 829.00 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -20.267 dBm</p> <p>Center Freq 849.000000 MHz</p> <p>Start Freq 844.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 849.00 MHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

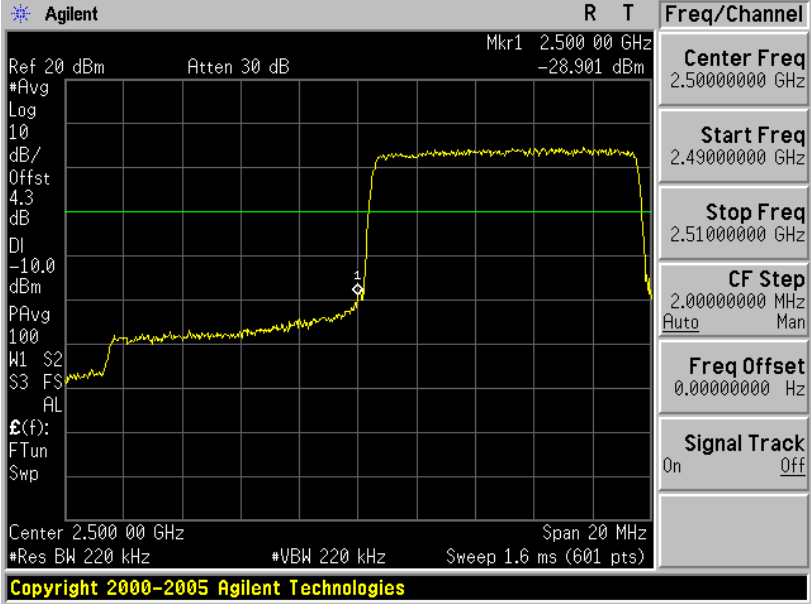
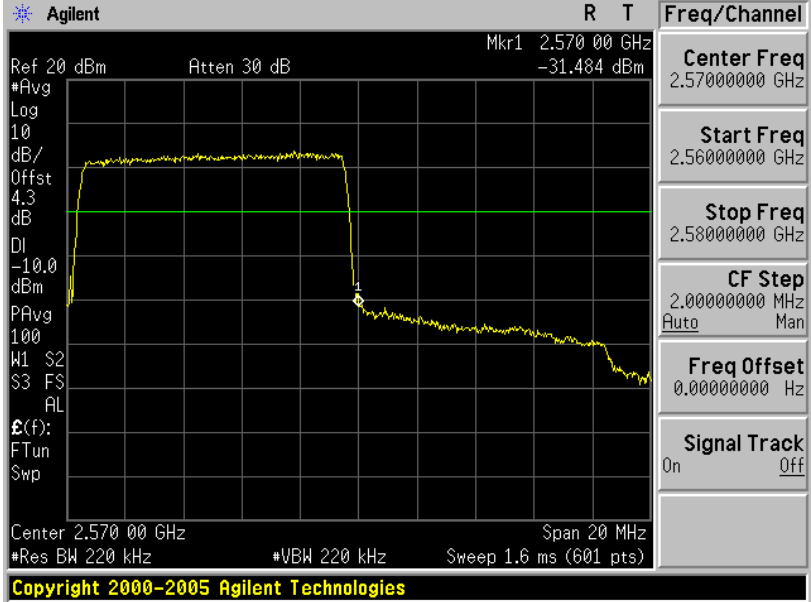
Operate Band	LTE Band 5	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge					
Higher Band Edge					

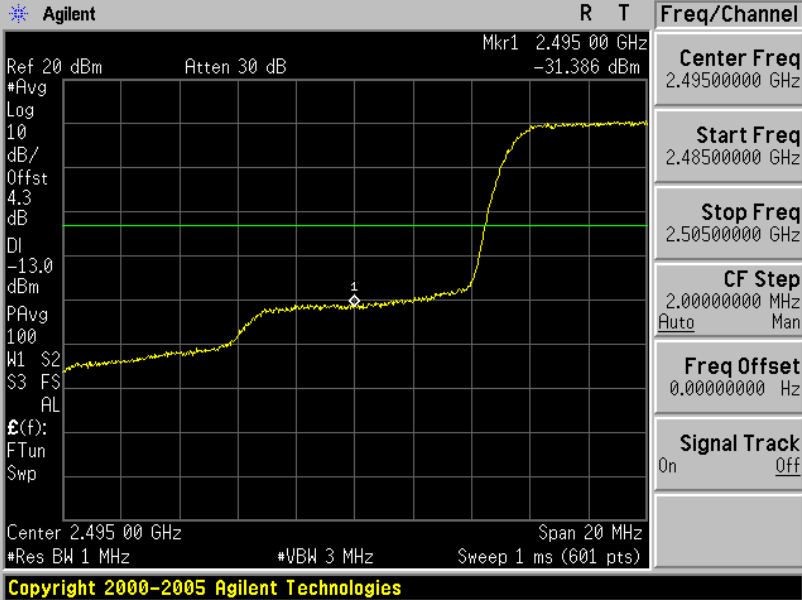
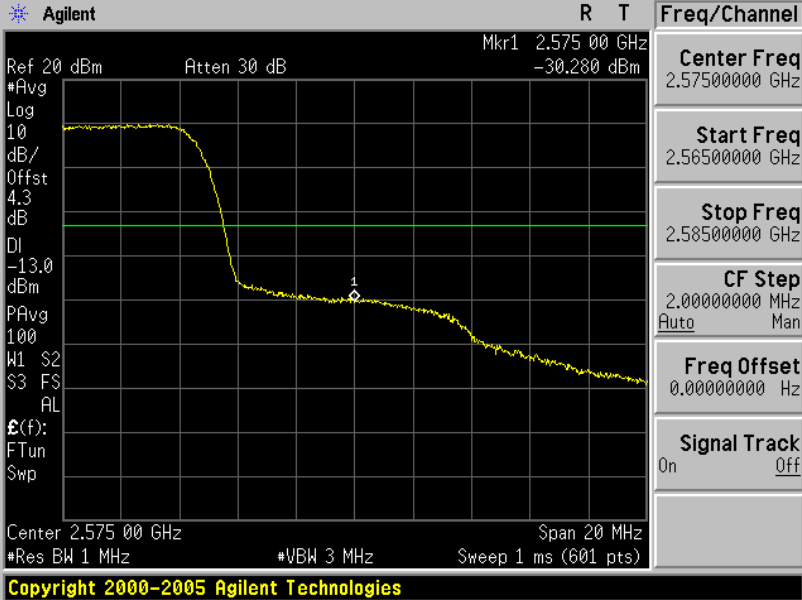
Operate Band	LTE Band 5	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -30.273 dBm</p> <p>Center Freq 824.000000 MHz</p> <p>Start Freq 814.000000 MHz</p> <p>Stop Freq 834.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 824.00 MHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -34.681 dBm</p> <p>Center Freq 849.000000 MHz</p> <p>Start Freq 839.000000 MHz</p> <p>Stop Freq 859.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 849.00 MHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

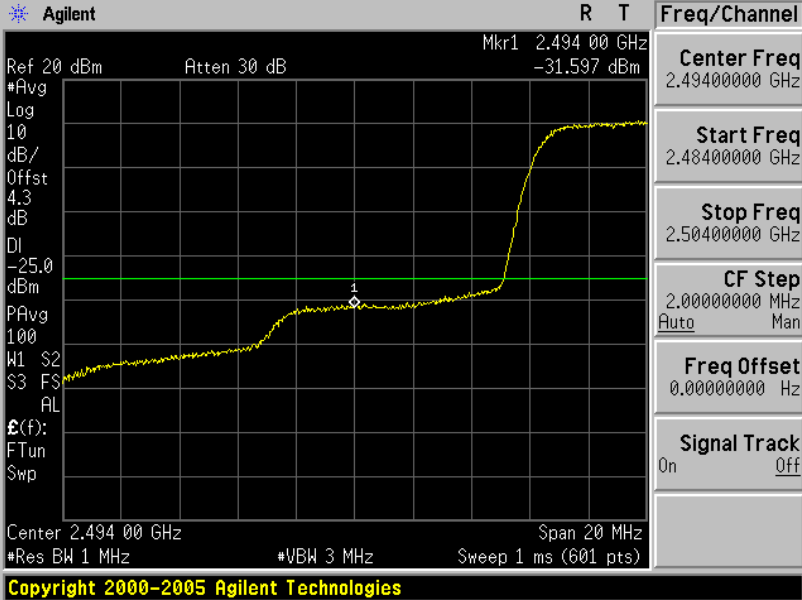
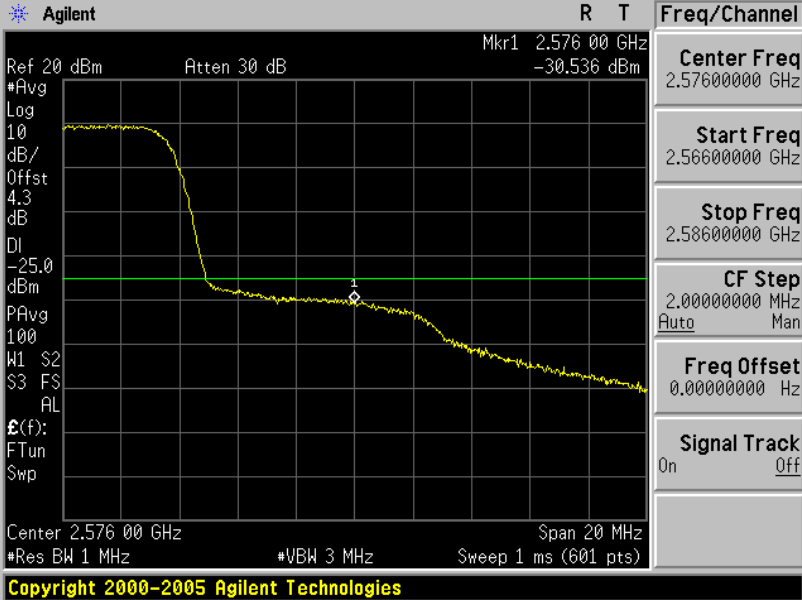
Operate Band	LTE Band 7	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.500 00 GHz -26.020 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -10.0 dBm PAVg 100 W1 S2 S3 FS AL</p> <p>Center 2.500 00 GHz Span 10 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 3.16 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 2.5000000 GHz Start Freq: 2.4950000 GHz Stop Freq: 2.5050000 GHz CF Step: 1.0000000 MHz Freq Offset: 0.0000000 Hz Signal Track: On Off</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.570 00 GHz -26.690 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -10.0 dBm PAVg 100 W1 S2 S3 FS AL</p> <p>Center 2.570 00 GHz Span 10 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 3.16 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 2.5700000 GHz Start Freq: 2.5650000 GHz Stop Freq: 2.5750000 GHz CF Step: 1.0000000 MHz Freq Offset: 0.0000000 Hz Signal Track: On Off</p>				

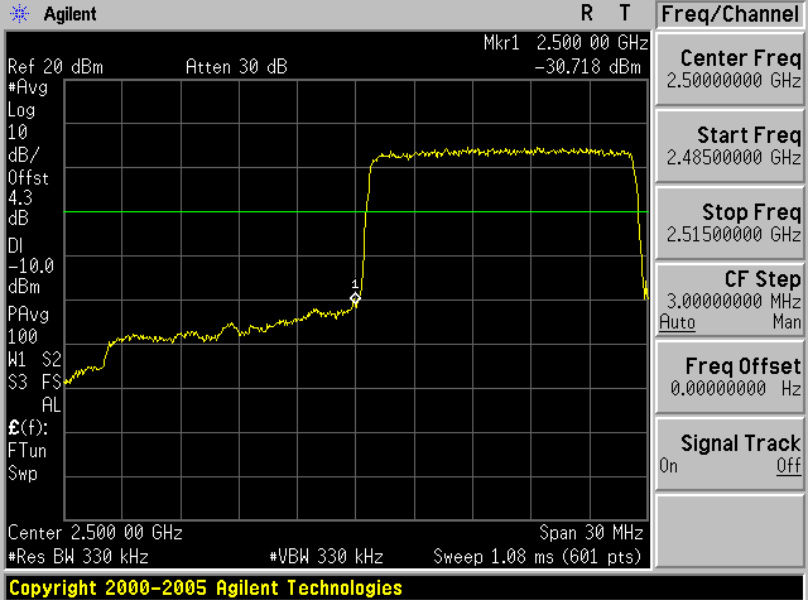
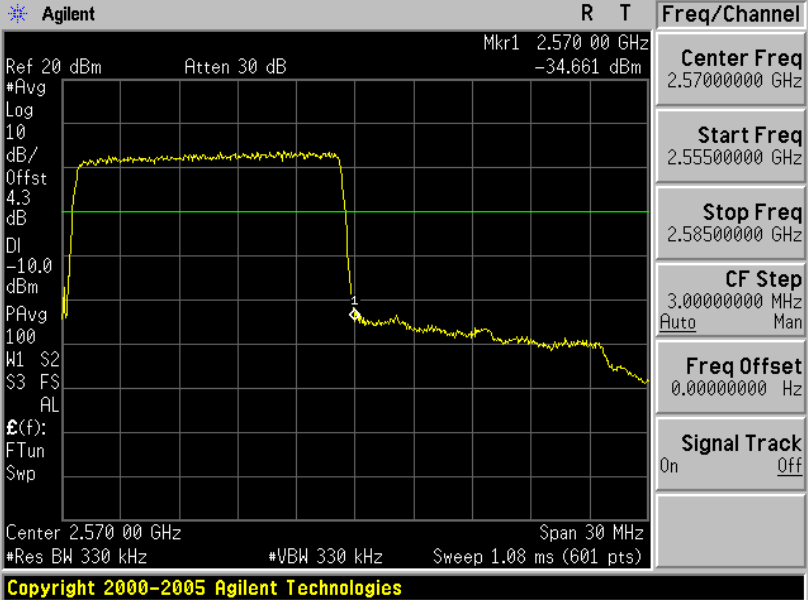
Operate Band	LTE Band 7	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	 <p>Agilent T Freq/Channel</p> <p>Mkr1 2.495 00 GHz -35.858 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.49500000 GHz</p> <p>Start Freq 2.48500000 GHz</p> <p>Stop Freq 2.50500000 GHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.495 00 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.575 00 GHz -35.866 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.57500000 GHz</p> <p>Start Freq 2.56500000 GHz</p> <p>Stop Freq 2.58500000 GHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 00 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

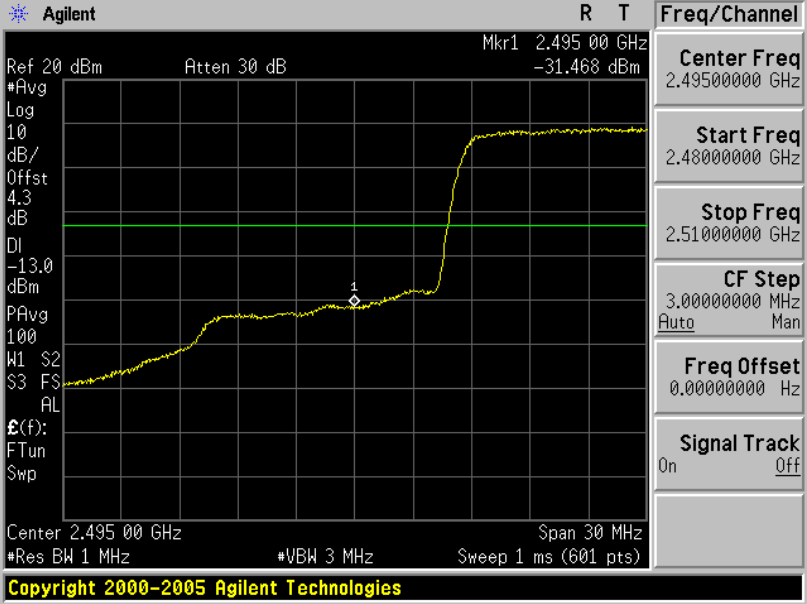
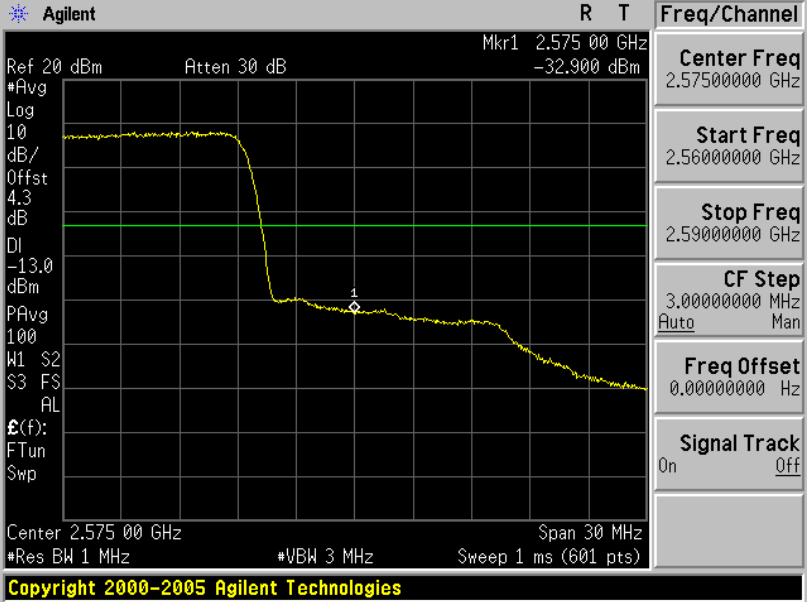
Operate Band	LTE Band 7	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge					
Higher Band Edge					

Operate Band	LTE Band 7	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.500 00 GHz -28.901 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -10.0 dBm PAvg 100 W1 S2 S3 FS AL</p> <p>Center 2.500 00 GHz Span 20 MHz #Res BW 220 kHz #VBW 220 kHz Sweep 1.6 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 2.50000000 GHz Start Freq: 2.49000000 GHz Stop Freq: 2.51000000 GHz CF Step: 2.00000000 MHz Freq Offset: 0.00000000 Hz Signal Track: On Off</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.570 00 GHz -31.484 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 4.3 dB DI -10.0 dBm PAvg 100 W1 S2 S3 FS AL</p> <p>Center 2.570 00 GHz Span 20 MHz #Res BW 220 kHz #VBW 220 kHz Sweep 1.6 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 2.57000000 GHz Start Freq: 2.56000000 GHz Stop Freq: 2.58000000 GHz CF Step: 2.00000000 MHz Freq Offset: 0.00000000 Hz Signal Track: On Off</p>				

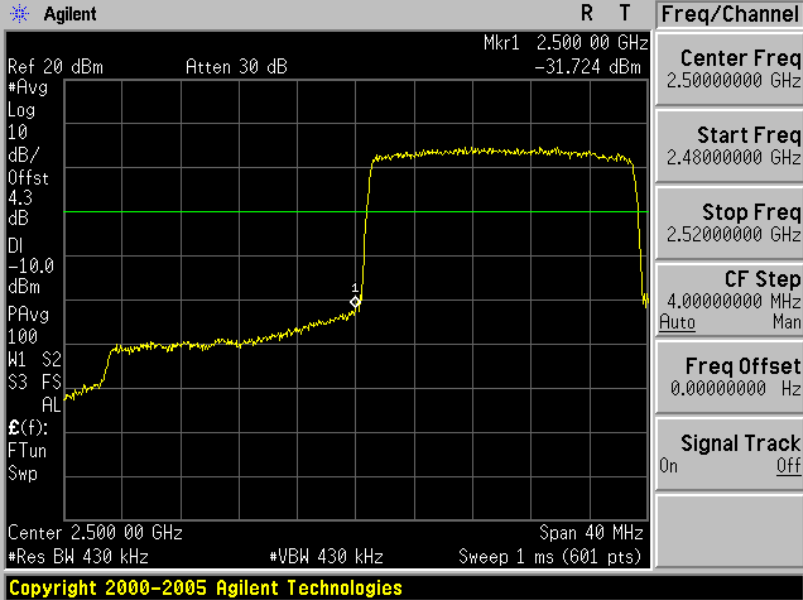
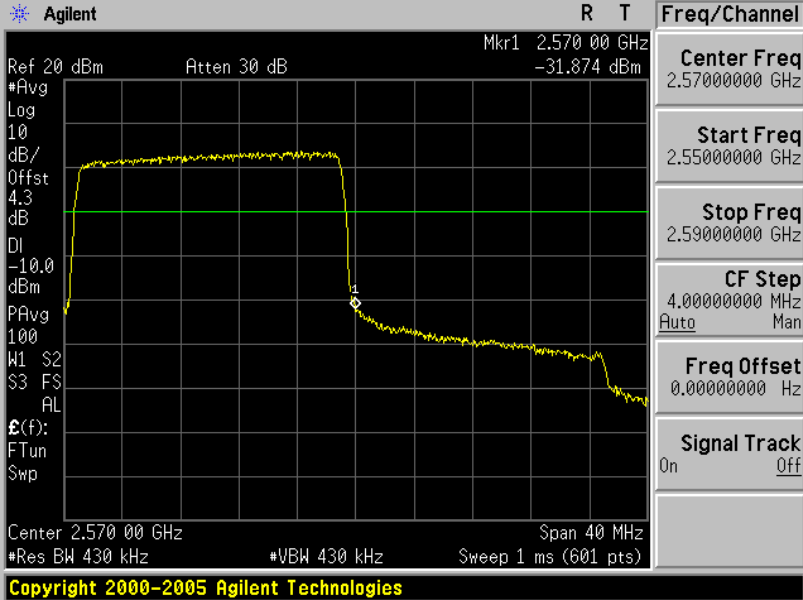
Operate Band	LTE Band 7	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.495 00 GHz -31.386 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.49500000 GHz</p> <p>Start Freq 2.48500000 GHz</p> <p>Stop Freq 2.50500000 GHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.495 00 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.575 00 GHz -30.280 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.57500000 GHz</p> <p>Start Freq 2.56500000 GHz</p> <p>Stop Freq 2.58500000 GHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 00 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

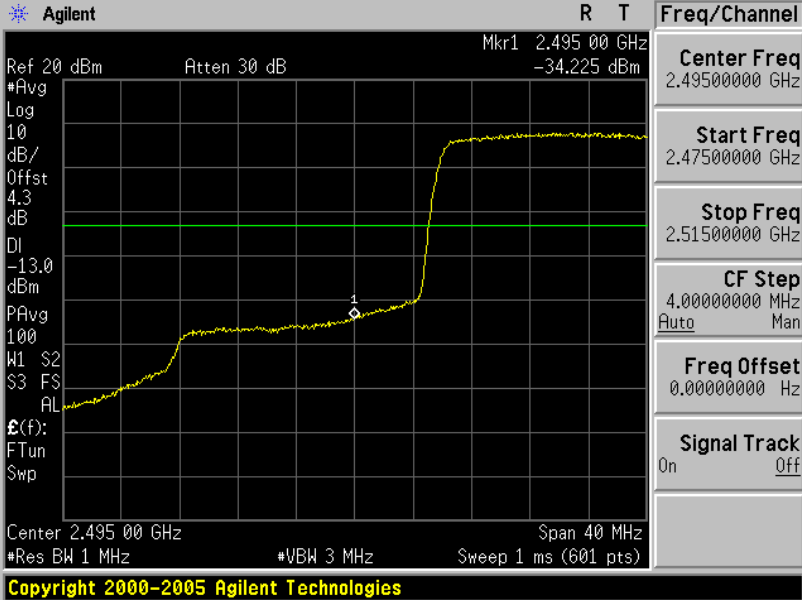
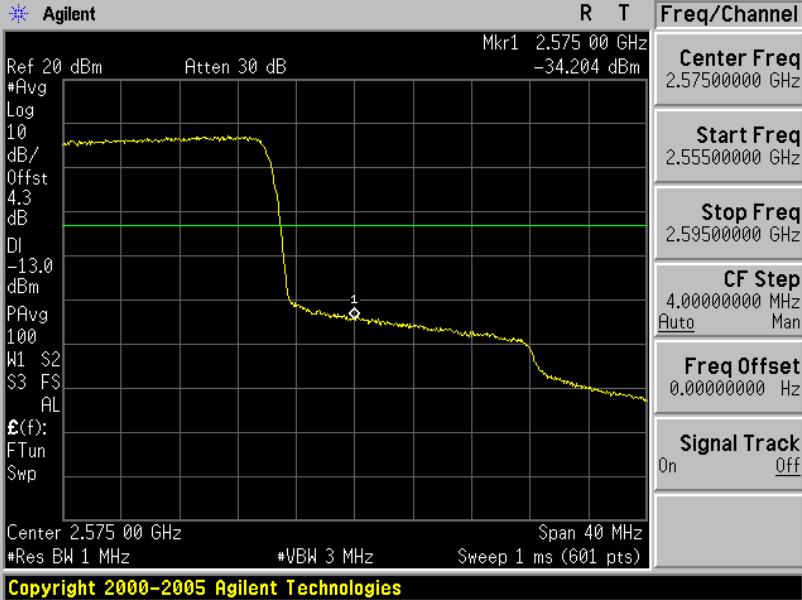
Operate Band	LTE Band 7	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	 <p>Agilent R T Freq/Channel Mkr1 2.494 00 GHz Ref 20 dBm Atten 30 dB -31.597 dBm Center Freq 2.49400000 GHz Start Freq 2.48400000 GHz Stop Freq 2.50400000 GHz CF Step 2.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 2.494 00 GHz Span 20 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel Mkr1 2.576 00 GHz Ref 20 dBm Atten 30 dB -30.536 dBm Center Freq 2.57600000 GHz Start Freq 2.56600000 GHz Stop Freq 2.58600000 GHz CF Step 2.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 2.576 00 GHz Span 20 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

Operate Band	LTE Band 7	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	 <p>Agilent R T Freq/Channel Mkr1 2.500 00 GHz Ref 20 dBm Atten 30 dB -30.718 dBm Center Freq 2.5000000 GHz Start Freq 2.4850000 GHz Stop Freq 2.5150000 GHz CF Step 3.0000000 MHz Freq Offset 0.0000000 Hz Signal Track On Off Center 2.500 00 GHz Span 30 MHz #Res BW 330 kHz #VBW 330 kHz Sweep 1.08 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel Mkr1 2.570 00 GHz Ref 20 dBm Atten 30 dB -34.661 dBm Center Freq 2.5700000 GHz Start Freq 2.5550000 GHz Stop Freq 2.5850000 GHz CF Step 3.0000000 MHz Freq Offset 0.0000000 Hz Signal Track On Off Center 2.570 00 GHz Span 30 MHz #Res BW 330 kHz #VBW 330 kHz Sweep 1.08 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

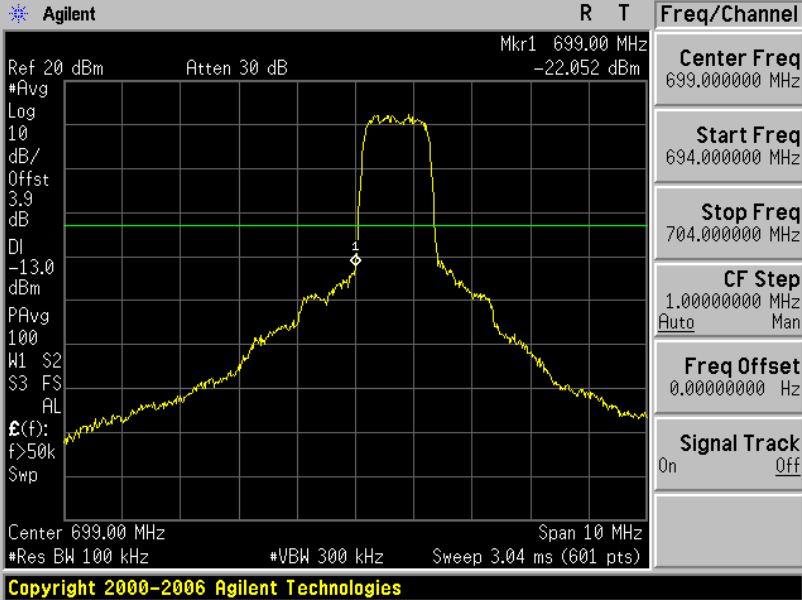
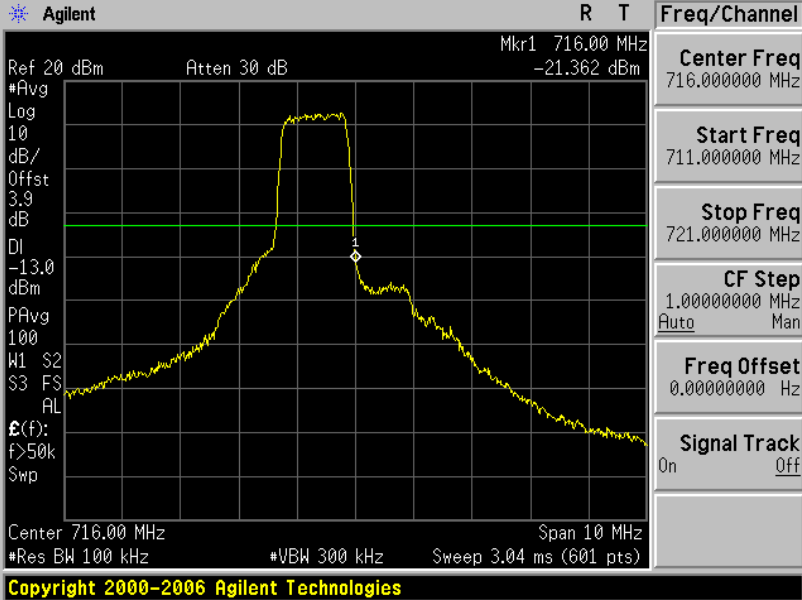
Operate Band	LTE Band 7	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.495 00 GHz -31.468 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.49500000 GHz</p> <p>Start Freq 2.48000000 GHz</p> <p>Stop Freq 2.51000000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.495 00 GHz Span 30 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.575 00 GHz -32.900 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.57500000 GHz</p> <p>Start Freq 2.56000000 GHz</p> <p>Stop Freq 2.59000000 GHz</p> <p>CF Step 3.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 00 GHz Span 30 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

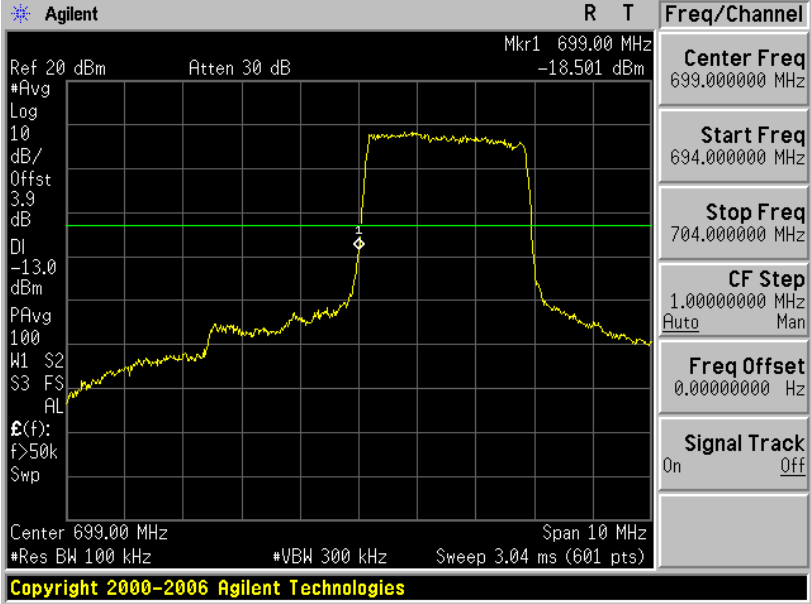
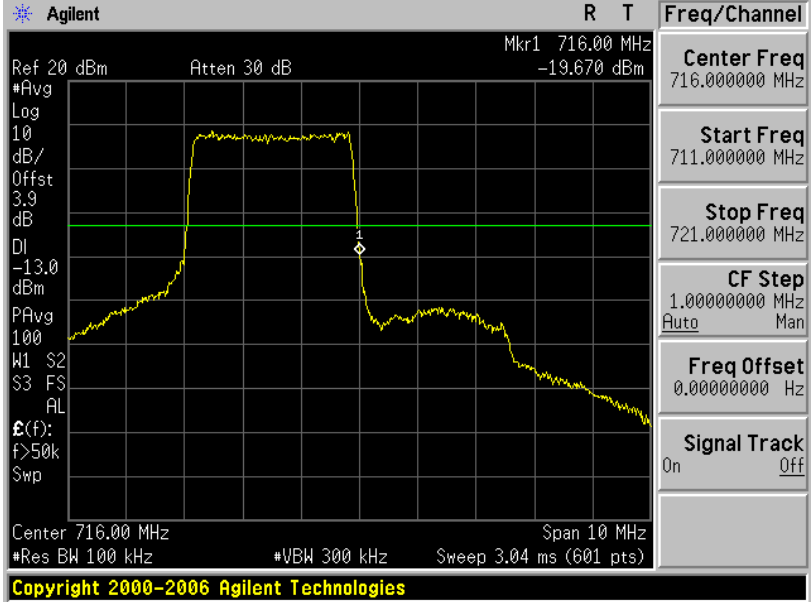
Operate Band	LTE Band 7	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 2.494 00 GHz Ref 20 dBm Atten 30 dB -31.942 dBm Center Freq 2.49400000 GHz Start Freq 2.47900000 GHz Stop Freq 2.50900000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 2.494 00 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel Mkr1 2.576 00 GHz Ref 20 dBm Atten 30 dB -32.929 dBm Center Freq 2.57600000 GHz Start Freq 2.56100000 GHz Stop Freq 2.59100000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 2.576 00 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

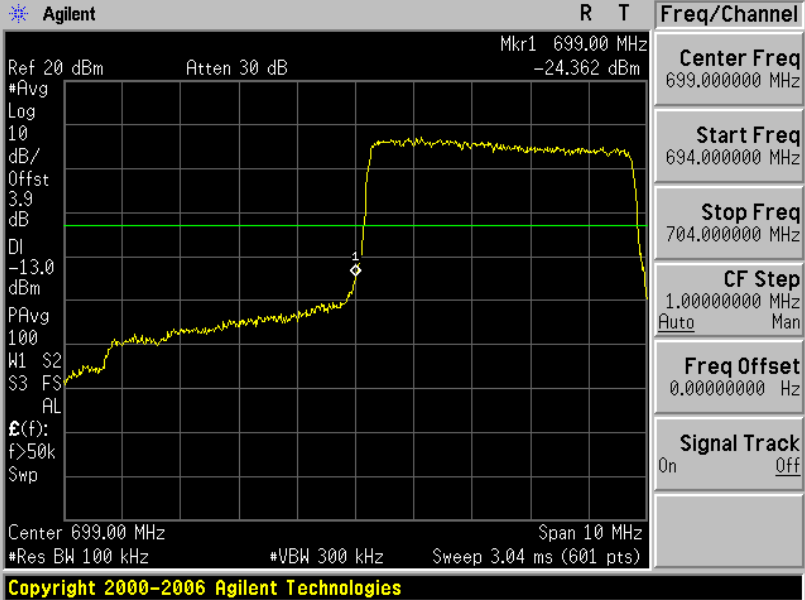
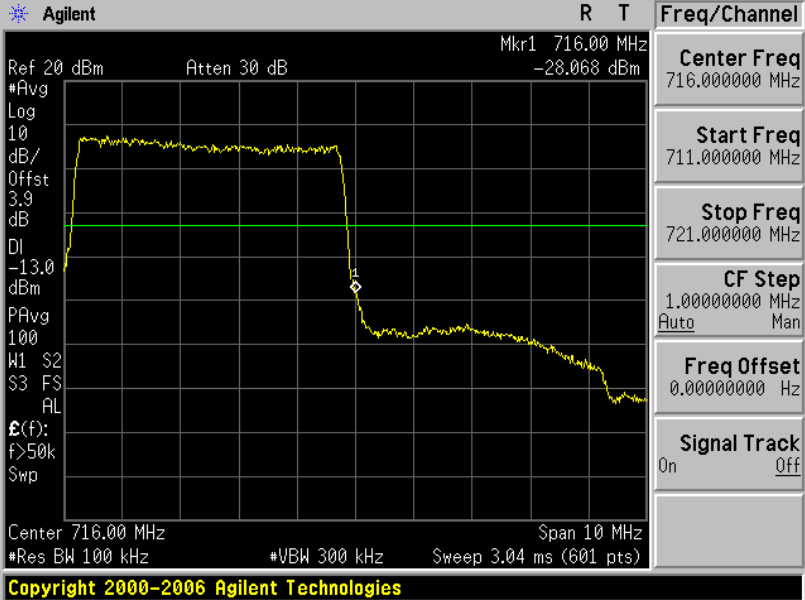
Operate Band	LTE Band 7	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge	 <p>Agilent R T Freq/Channel Mkr1 2.500 00 GHz Ref 20 dBm Atten 30 dB -31.724 dBm Center Freq 2.5000000 GHz Start Freq 2.48000000 GHz Stop Freq 2.52000000 GHz CF Step 4.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 2.500 00 GHz Span 40 MHz #Res BW 430 kHz #VBW 430 kHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel Mkr1 2.570 00 GHz Ref 20 dBm Atten 30 dB -31.874 dBm Center Freq 2.5700000 GHz Start Freq 2.55000000 GHz Stop Freq 2.59000000 GHz CF Step 4.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 2.570 00 GHz Span 40 MHz #Res BW 430 kHz #VBW 430 kHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

Operate Band	LTE Band 7	Channel Bandwidth	20MHz	RB Allocated	100
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.495 00 GHz -34.225 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.49500000 GHz</p> <p>Start Freq 2.47500000 GHz</p> <p>Stop Freq 2.51500000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.495 00 GHz Span 40 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.575 00 GHz -34.204 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>Center Freq 2.57500000 GHz</p> <p>Start Freq 2.55500000 GHz</p> <p>Stop Freq 2.59500000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 00 GHz Span 40 MHz</p> <p>#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Operate Band	LTE Band 7	Channel Bandwidth	20MHz	RB Allocated	100
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 2.494 00 GHz Ref 20 dBm Atten 30 dB -35.637 dBm Center Freq 2.49400000 GHz Start Freq 2.47400000 GHz Stop Freq 2.51400000 GHz CF Step 4.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 2.494 00 GHz Span 40 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent R T Freq/Channel Mkr1 2.576 00 GHz Ref 20 dBm Atten 30 dB -35.456 dBm Center Freq 2.57600000 GHz Start Freq 2.55600000 GHz Stop Freq 2.59600000 GHz CF Step 4.00000000 MHz Freq Offset 0.00000000 Hz Signal Track On Off Center 2.576 00 GHz Span 40 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

Operate Band	LTE Band 12	Channel Bandwidth	1.4 MHz	RB Allocated	6												
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 699.00 MHz -22.052 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PPAvg 100 W1 S2 S3 FS AL</p> <p>Center 699.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p> <table border="1" data-bbox="1236 398 1385 996"> <tr><td>Center Freq</td><td>699.000000 MHz</td></tr> <tr><td>Start Freq</td><td>694.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>704.000000 MHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	699.000000 MHz	Start Freq	694.000000 MHz	Stop Freq	704.000000 MHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	699.000000 MHz																
Start Freq	694.000000 MHz																
Stop Freq	704.000000 MHz																
CF Step	1.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 716.00 MHz -21.362 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PPAvg 100 W1 S2 S3 FS AL</p> <p>Center 716.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p> <table border="1" data-bbox="1236 1039 1385 1637"> <tr><td>Center Freq</td><td>716.000000 MHz</td></tr> <tr><td>Start Freq</td><td>711.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>721.000000 MHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	716.000000 MHz	Start Freq	711.000000 MHz	Stop Freq	721.000000 MHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	716.000000 MHz																
Start Freq	711.000000 MHz																
Stop Freq	721.000000 MHz																
CF Step	1.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																

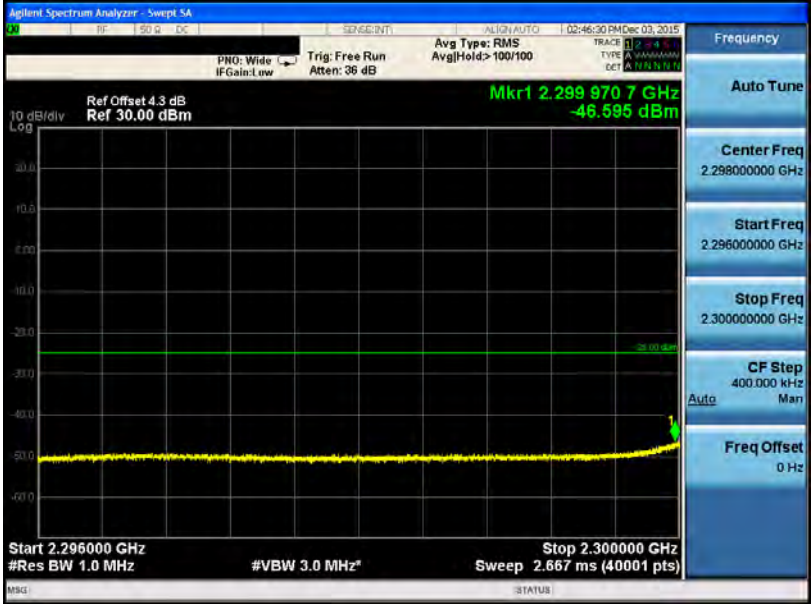

Operate Band	LTE Band 12	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge					
Higher Band Edge					

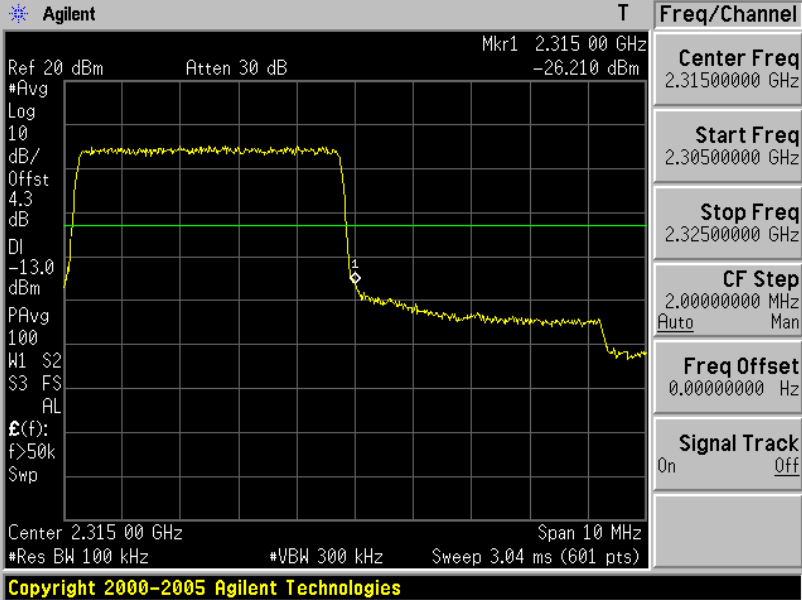

Operate Band	LTE Band 12	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -24.362 dBm</p> <p>Center Freq 699.000000 MHz</p> <p>Start Freq 694.000000 MHz</p> <p>Stop Freq 704.000000 MHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 699.00 MHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -28.068 dBm</p> <p>Center Freq 716.000000 MHz</p> <p>Start Freq 711.000000 MHz</p> <p>Stop Freq 721.000000 MHz</p> <p>CF Step 1.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 716.00 MHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2006 Agilent Technologies</p>				

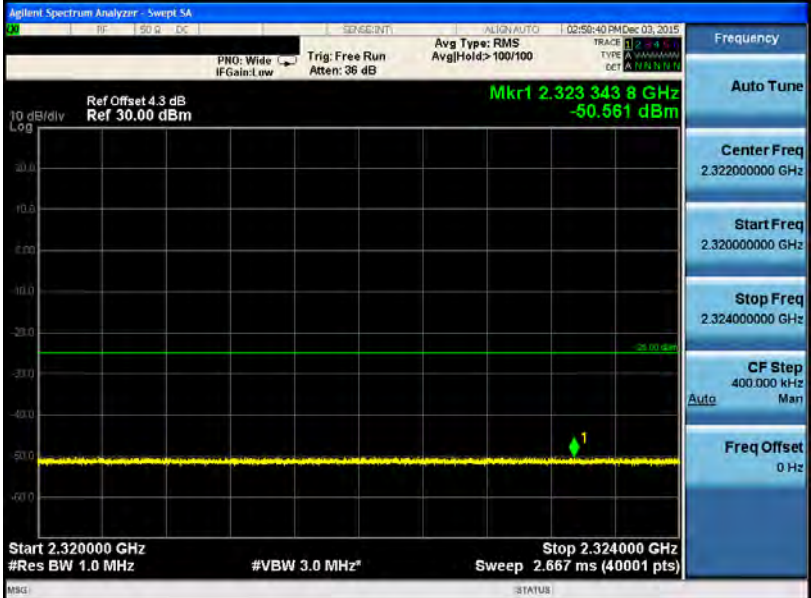
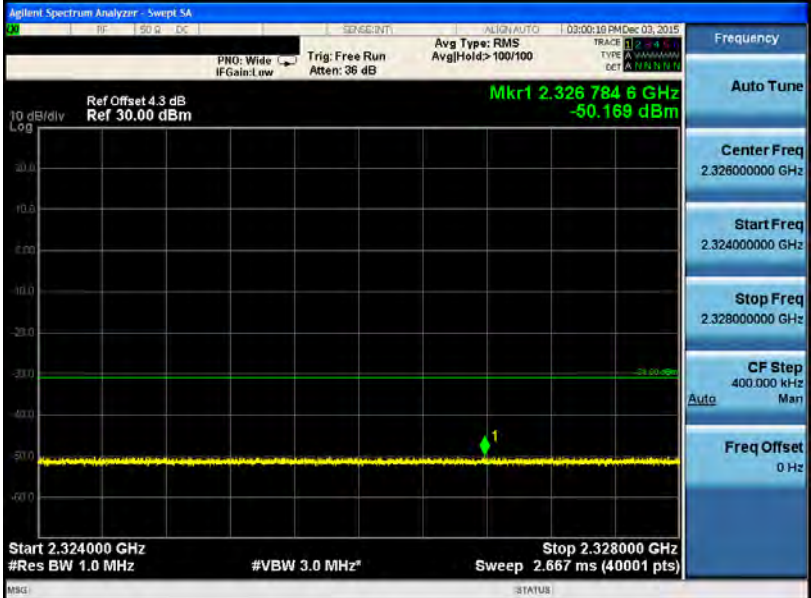
Operate Band	LTE Band 12	Channel Bandwidth	10 MHz	RB Allocated	50												
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 699.00 MHz -29.366 dBm Ref 20 dBm Atten 30 dB #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PPAvg 100 W1 S2 S3 FS AL E(f): FTun Swp Center 699.00 MHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p> <table border="1" data-bbox="1236 398 1388 963"> <tr><td>Center Freq</td><td>699.000000 MHz</td></tr> <tr><td>Start Freq</td><td>689.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>709.000000 MHz</td></tr> <tr><td>CF Step</td><td>2.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	699.000000 MHz	Start Freq	689.000000 MHz	Stop Freq	709.000000 MHz	CF Step	2.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	699.000000 MHz																
Start Freq	689.000000 MHz																
Stop Freq	709.000000 MHz																
CF Step	2.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																
Lower Band Edge	<p>Agilent R T Freq/Channel Mkr1 716.00 MHz -35.055 dBm Ref 20 dBm Atten 30 dB #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PPAvg 100 W1 S2 S3 FS AL E(f): FTun Swp Center 716.00 MHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Copyright 2000-2006 Agilent Technologies</p> <table border="1" data-bbox="1236 1039 1388 1603"> <tr><td>Center Freq</td><td>716.000000 MHz</td></tr> <tr><td>Start Freq</td><td>706.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>726.000000 MHz</td></tr> <tr><td>CF Step</td><td>2.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Center Freq	716.000000 MHz	Start Freq	706.000000 MHz	Stop Freq	726.000000 MHz	CF Step	2.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Center Freq	716.000000 MHz																
Start Freq	706.000000 MHz																
Stop Freq	726.000000 MHz																
CF Step	2.00000000 MHz Auto Man																
Freq Offset	0.00000000 Hz																
Signal Track	On Off																

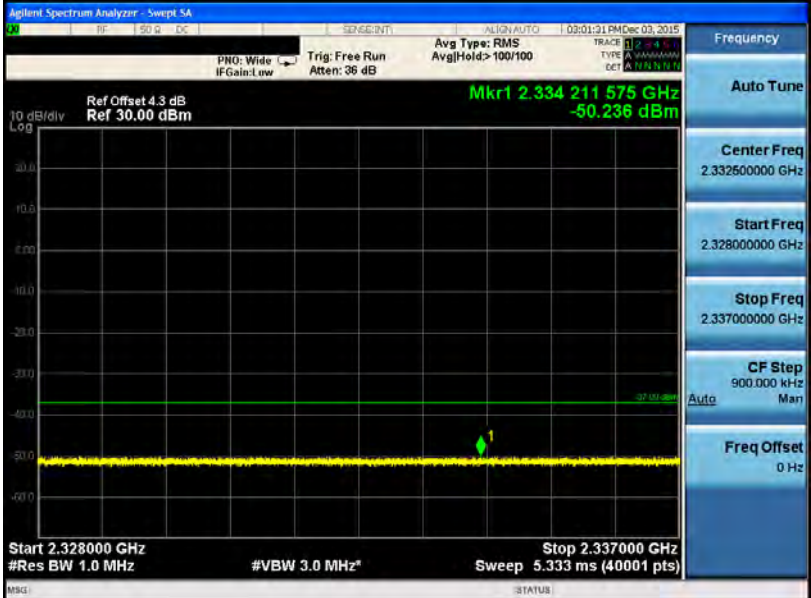
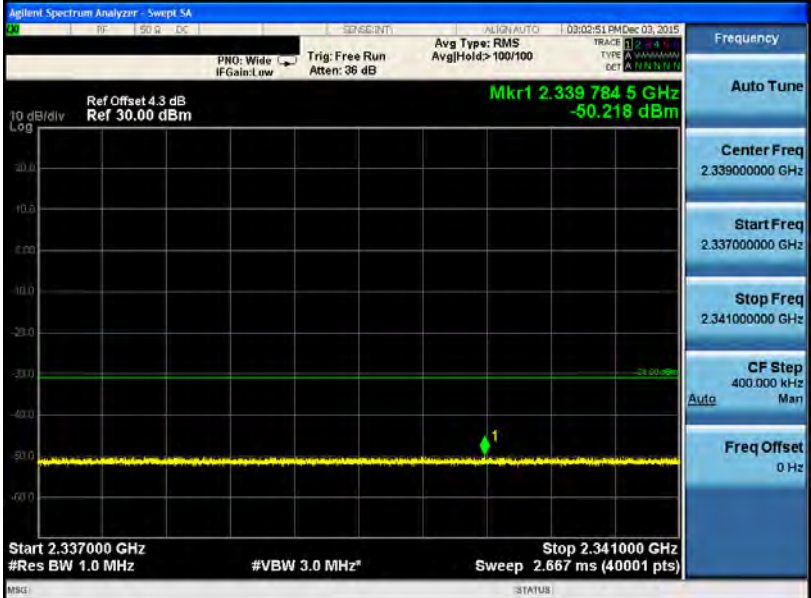
Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge					
Lower Band Edge					

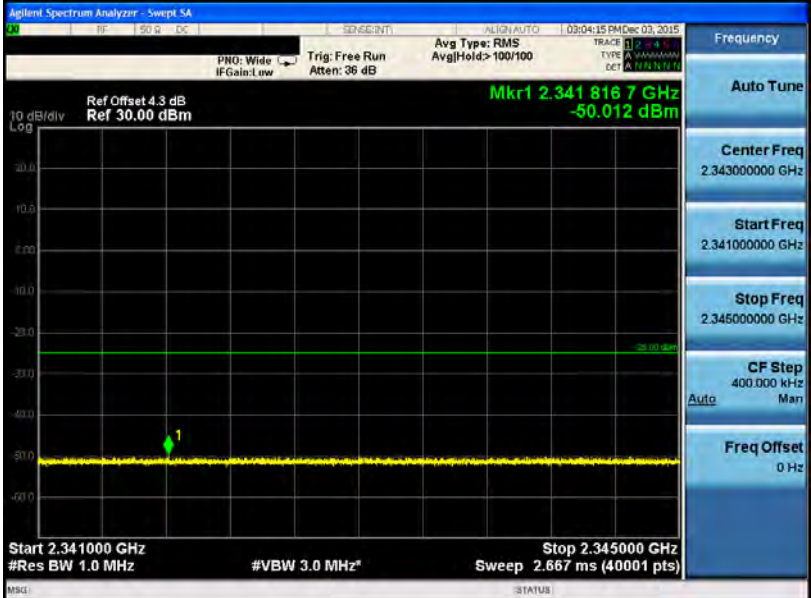
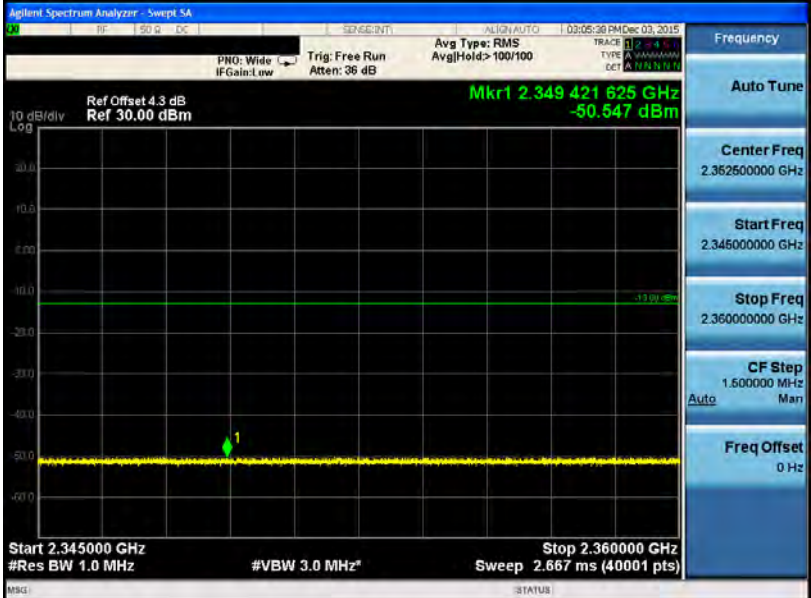
Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 GHz DC SERVICENT ALIGN AUTO 02:40:28 PM Dec 03, 2015</p> <p>PN0: Wide IF Gain: low Trig: Free Run Avg Type: RMS Avg Hold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.291 628 3 GHz -50.585 dBm</p> <p>10 dB/div L9.9</p> <p>Start 2.288000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.292000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 2.290000000 GHz, Start Freq 2.288000000 GHz, Stop Freq 2.292000000 GHz, CF Step 400.000 kHz, Freq Offset 0 Hz</p>				
Lower Band Edge	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 GHz DC SERVICENT ALIGN AUTO 02:42:00 PM Dec 03, 2015</p> <p>PN0: Wide IF Gain: low Trig: Free Run Avg Type: RMS Avg Hold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.295 841 4 GHz -49.792 dBm</p> <p>10 dB/div L9.9</p> <p>Start 2.292000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.296000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 2.294000000 GHz, Start Freq 2.292000000 GHz, Stop Freq 2.296000000 GHz, CF Step 400.000 kHz, Freq Offset 0 Hz</p>				

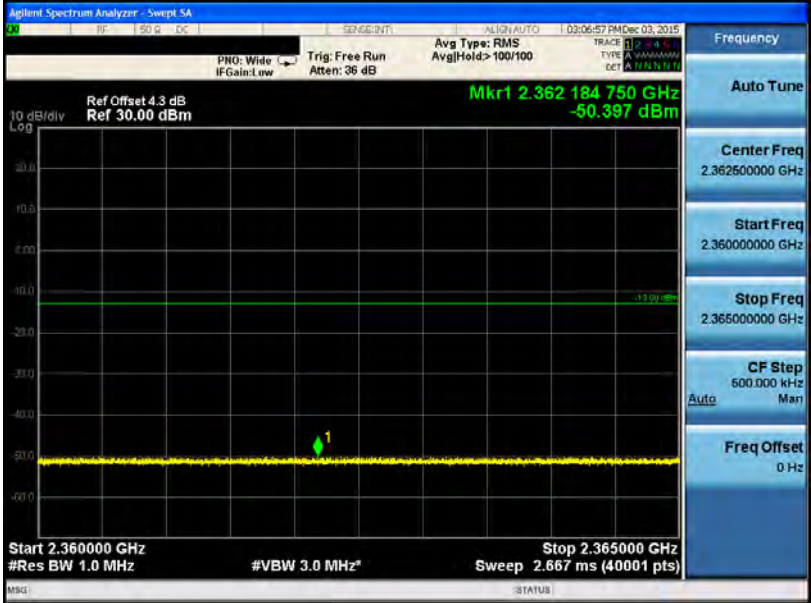
Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 GHz DC SERVICENT ALIGN AUTO 02:46:30 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Atten: 36 dB Avg Type: RMS AvgHold>100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.299 970 7 GHz -46.595 dBm</p> <p>10 dB/div L98</p> <p>Start 2.296000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.300000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.298000000 GHz</p> <p>Start Freq 2.296000000 GHz</p> <p>Stop Freq 2.300000000 GHz</p> <p>CF Step 400.000 kHz Man</p> <p>Freq Offset 0 Hz</p>				
Lower Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 GHz DC SERVICENT ALIGN AUTO 06:00:02 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Atten: 36 dB Avg Type: Log-Pwr AvgHold>100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.303 998 4 GHz -17.108 dBm</p> <p>10 dB/div L98</p> <p>Start 2.300000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 2.304000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.302000000 GHz</p> <p>Start Freq 2.300000000 GHz</p> <p>Stop Freq 2.304000000 GHz</p> <p>CF Step 400.000 kHz Man</p> <p>Freq Offset 0 Hz</p>				

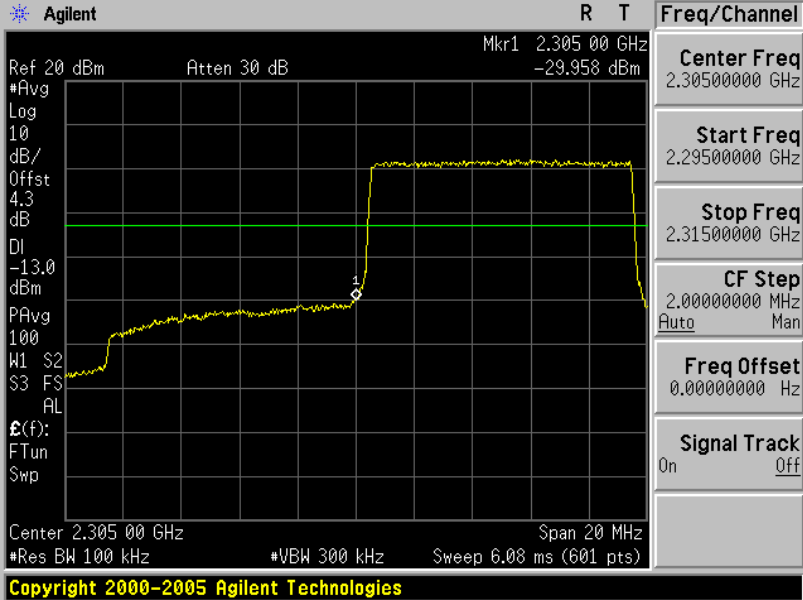

Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.315 00 GHz -26.210 dBm</p> <p>Center Freq 2.31500000 GHz</p> <p>Start Freq 2.30500000 GHz</p> <p>Stop Freq 2.32500000 GHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.315 00 GHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.316 231 7 GHz -50.060 dBm</p> <p>Center Freq 2.31800000 GHz</p> <p>Start Freq 2.31600000 GHz</p> <p>Stop Freq 2.32000000 GHz</p> <p>CF Step 400.000 kHz</p> <p>Freq Offset 0 Hz</p> <p>Start 2.316000 GHz Stop 2.320000 GHz</p> <p>#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 2.667 ms (40001 pts)</p>				

Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 02:58:40 PM Dec 03, 2015</p> <p>PN0: Wide IF Gain: low Trig: Free Run Atten: 36 dB Avg Type: RMS Avg Hold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.323 343 8 GHz -50.561 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.320000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.324000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.322000000 GHz</p> <p>Start Freq 2.320000000 GHz</p> <p>Stop Freq 2.324000000 GHz</p> <p>CF Step 400.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:00:10 PM Dec 03, 2015</p> <p>PN0: Wide IF Gain: low Trig: Free Run Atten: 36 dB Avg Type: RMS Avg Hold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.326 784 6 GHz -50.169 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.324000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.328000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.326000000 GHz</p> <p>Start Freq 2.324000000 GHz</p> <p>Stop Freq 2.328000000 GHz</p> <p>CF Step 400.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>				

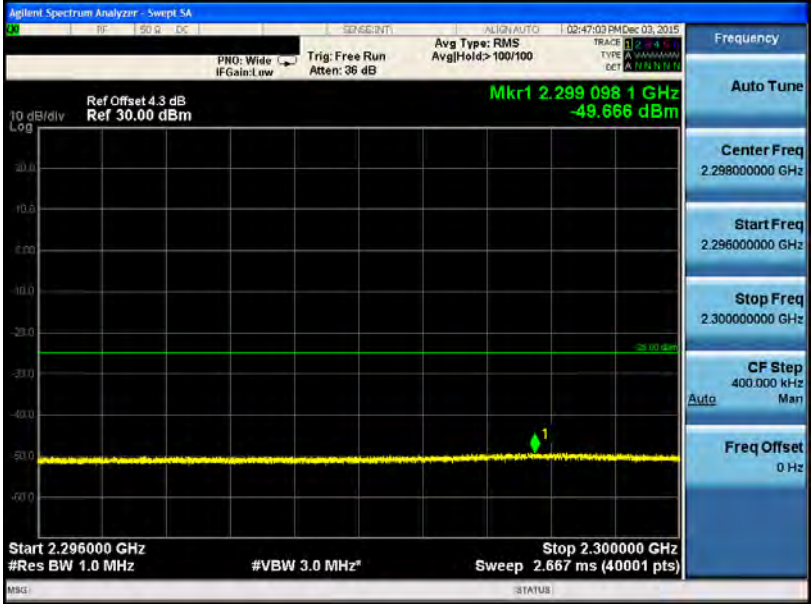
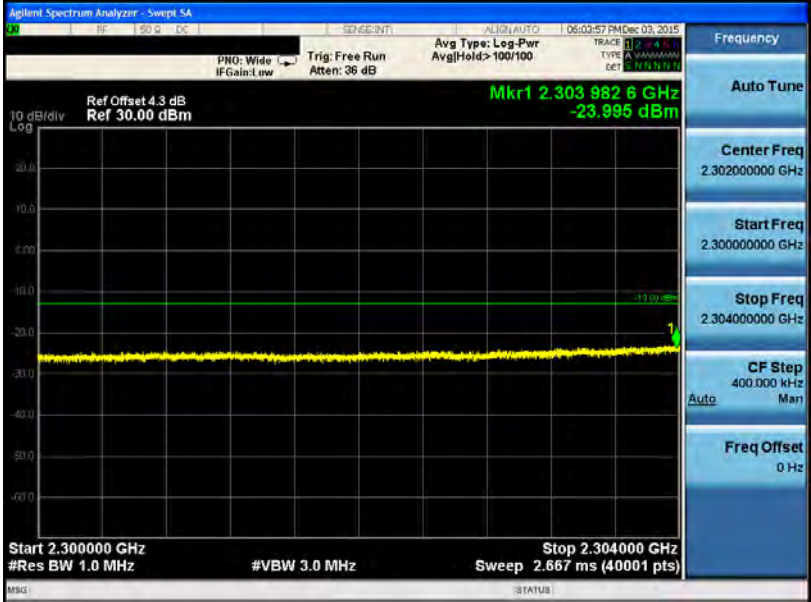
Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:01:21 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Atten: 36 dB Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.334 211 575 GHz -50.236 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.328000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.337000 GHz Sweep 5.333 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 2.332500000 GHz, Start Freq 2.328000000 GHz, Stop Freq 2.337000000 GHz, CF Step 900.000 kHz, Freq Offset 0 Hz</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:02:51 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Atten: 36 dB Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.339 784 5 GHz -50.218 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.337000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.341000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 2.339000000 GHz, Start Freq 2.337000000 GHz, Stop Freq 2.341000000 GHz, CF Step 400.000 kHz, Freq Offset 0 Hz</p>				

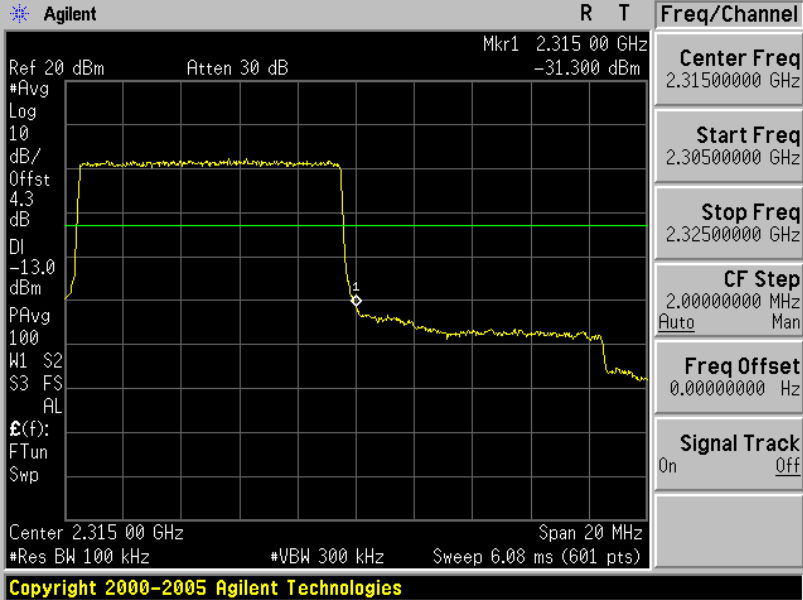
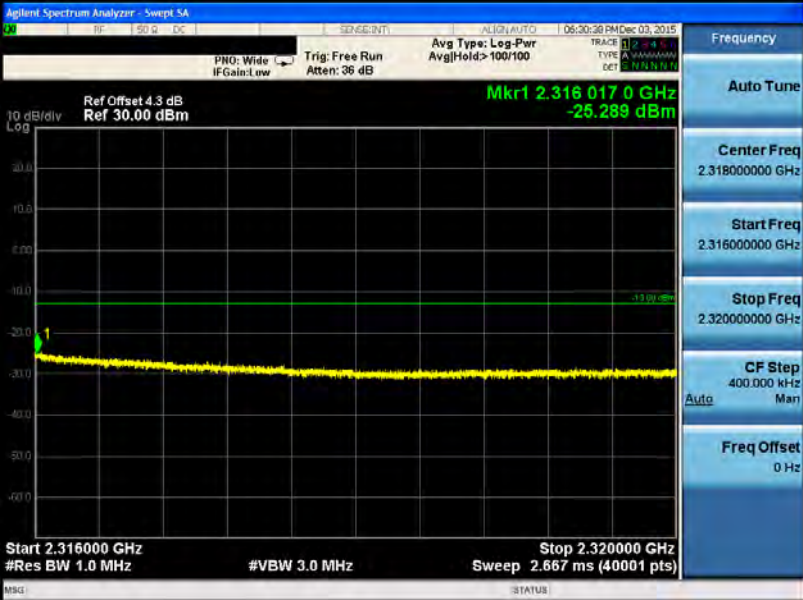
Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>03:04:15 PM Dec 03, 2015</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.341 816 7 GHz -50.012 dBm</p> <p>Start 2.341000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 2.667 ms (40001 pts)</p> <p>Stop 2.345000 GHz</p> <p>Center Freq 2.343000000 GHz</p> <p>Start Freq 2.341000000 GHz</p> <p>Stop Freq 2.345000000 GHz</p> <p>CF Step 400.000 kHz</p> <p>Freq Offset 0 Hz</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>03:05:30 PM Dec 03, 2015</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.349 421 625 GHz -50.547 dBm</p> <p>Start 2.345000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 2.667 ms (40001 pts)</p> <p>Stop 2.360000 GHz</p> <p>Center Freq 2.352500000 GHz</p> <p>Start Freq 2.345000000 GHz</p> <p>Stop Freq 2.360000000 GHz</p> <p>CF Step 1.50000 MHz</p> <p>Freq Offset 0 Hz</p>				

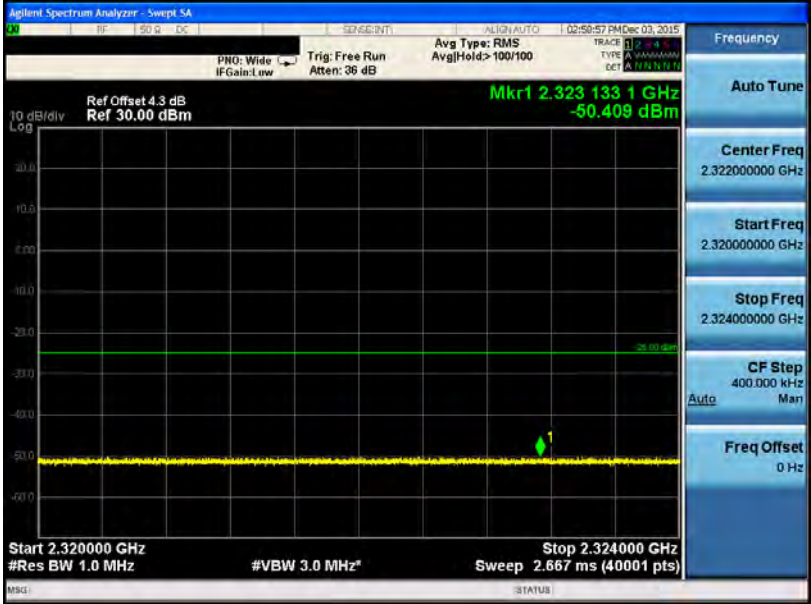
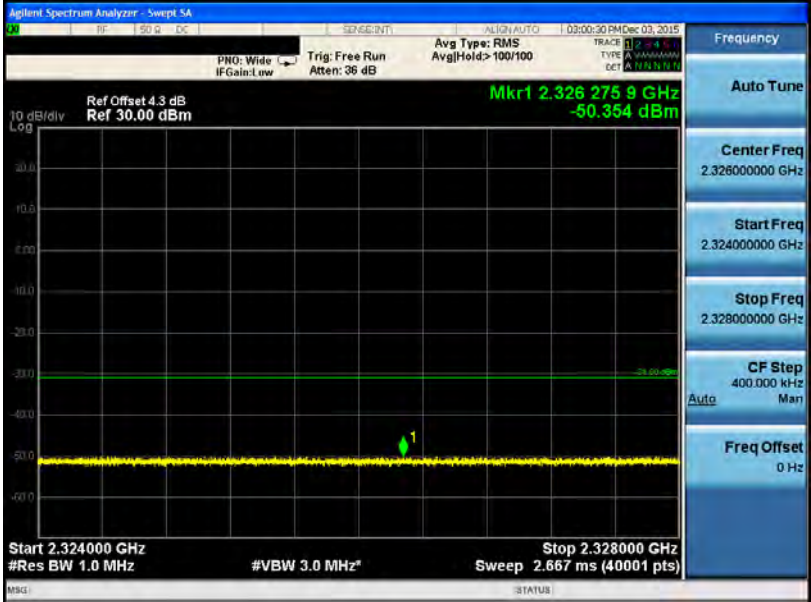
Operate Band	LTE Band 30	Channel Bandwidth	5 MHz	RB Allocated	25
Higher Band Edge	 <p>The screenshot shows an Agilent Spectrum Analyzer interface. The main display area shows a signal trace with a peak at 2.362184750 GHz and a power level of -50.397 dBm. The reference level is set to 30.00 dBm with a 4.3 dB offset. The frequency range is from 2.360000 GHz to 2.365000 GHz. The resolution bandwidth (RBW) is 1.0 MHz and the video bandwidth (VBW) is 3.0 MHz. The sweep time is 2.667 ms. The interface also shows various control buttons and settings on the right side, such as Auto Tune, Center Freq, Start Freq, Stop Freq, CF Step, and Freq Offset.</p>				

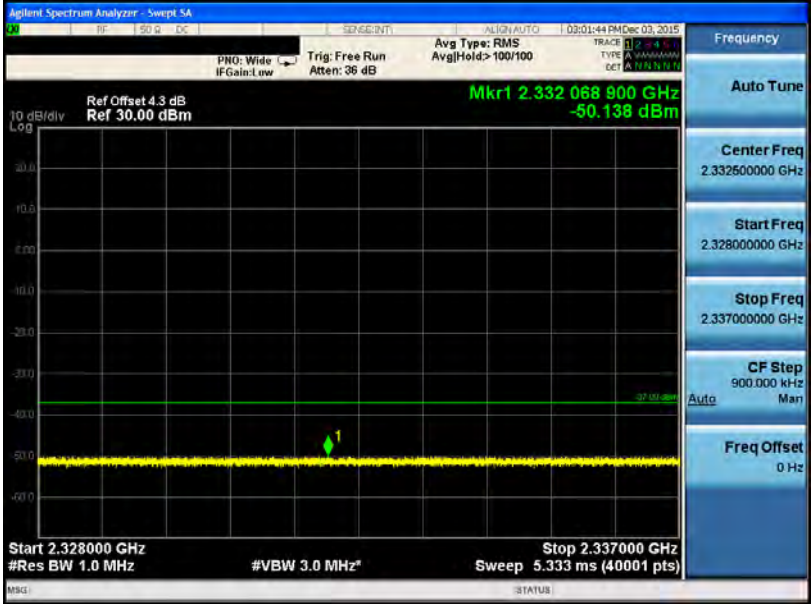
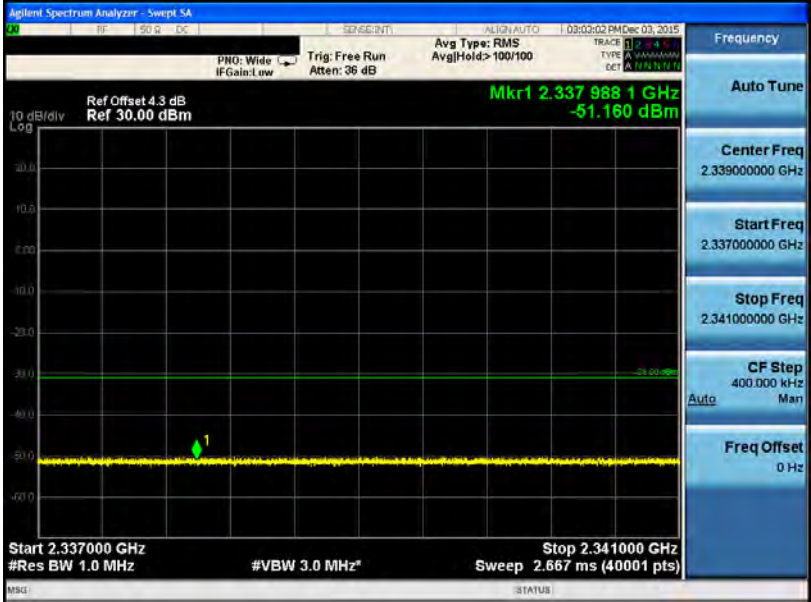
Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	 <p>Agilent R T Freq/Channel</p> <p>Mkr1 2.305 00 GHz -29.958 dBm</p> <p>Center Freq 2.30500000 GHz</p> <p>Start Freq 2.29500000 GHz</p> <p>Stop Freq 2.31500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.305 00 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Lower Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.214 76 GHz -48.890 dBm</p> <p>Center Freq 1.149000000 GHz</p> <p>Start Freq 10.000000 MHz</p> <p>Stop Freq 2.288000000 GHz</p> <p>CF Step 227.800000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p> <p>Start 10 MHz Stop 2.288 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.333 ms (40001 pts)</p>				

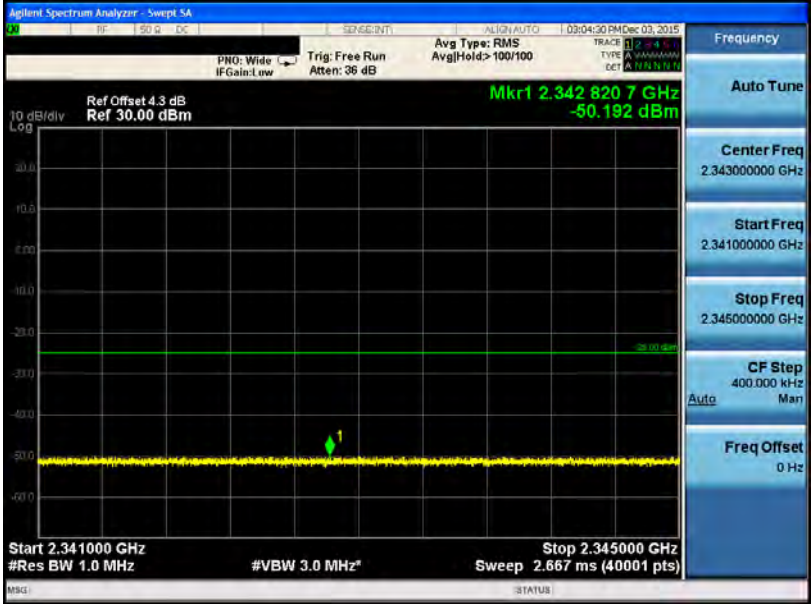
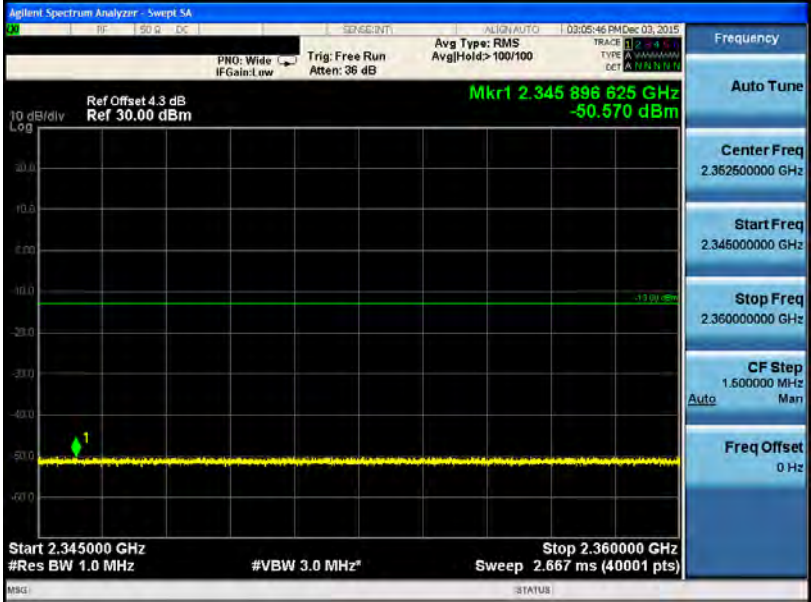
Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 02:40:38 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.289 957 1 GHz -50.614 dBm</p> <p>10 dB/div L9.9</p> <p>Start 2.288000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.292000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 2.280000000 GHz, Start Freq 2.288000000 GHz, Stop Freq 2.292000000 GHz, CF Step 400.000 kHz, Freq Offset 0 Hz</p>				
Lower Band Edge	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 02:42:22 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.295 878 4 GHz -49.905 dBm</p> <p>10 dB/div L9.9</p> <p>Start 2.292000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.296000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 2.294000000 GHz, Start Freq 2.292000000 GHz, Stop Freq 2.296000000 GHz, CF Step 400.000 kHz, Freq Offset 0 Hz</p>				

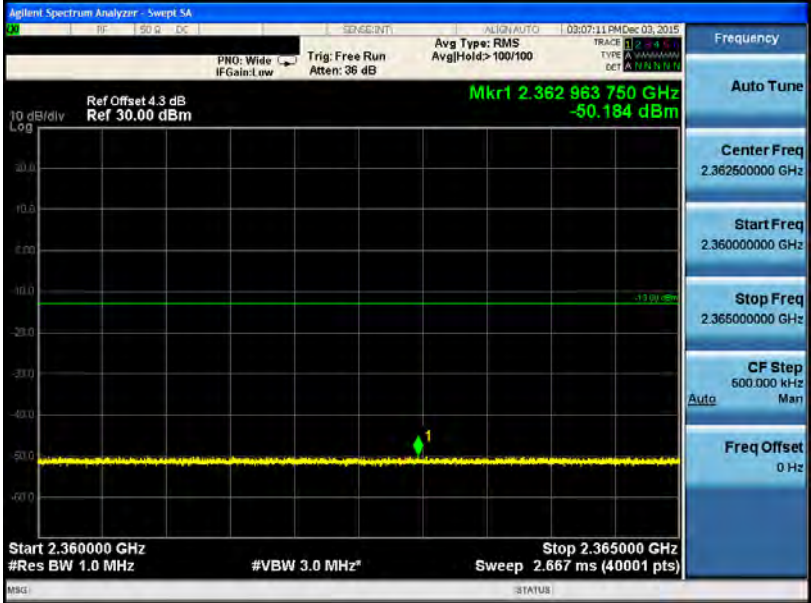
Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge					
Lower Band Edge					

Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.315 00 GHz -31.300 dBm</p> <p>Center 2.315 00 GHz Span 20 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.316 017 0 GHz -25.289 dBm</p> <p>Center Freq 2.318000000 GHz</p> <p>Start Freq 2.316000000 GHz Stop Freq 2.320000000 GHz</p> <p>CF Step 400.000 kHz Freq Offset 0 Hz</p> <p>Start 2.316000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 2.320000 GHz Sweep 2.667 ms (40001 pts)</p>				

Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 02:59:57 PM Dec 03, 2015</p> <p>PN0: Wide IF Gain: Low Trig: Free Run Atten: 36 dB Avg Type: RMS Avg Hold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.323 133 1 GHz -50.409 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.320000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.324000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.322000000 GHz</p> <p>Start Freq 2.320000000 GHz</p> <p>Stop Freq 2.324000000 GHz</p> <p>CF Step 400.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:00:30 PM Dec 03, 2015</p> <p>PN0: Wide IF Gain: Low Trig: Free Run Atten: 36 dB Avg Type: RMS Avg Hold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm</p> <p>Mkr1 2.326 275 9 GHz -50.354 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.324000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.328000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.326000000 GHz</p> <p>Start Freq 2.324000000 GHz</p> <p>Stop Freq 2.328000000 GHz</p> <p>CF Step 400.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>				

Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:01:44 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Atten: 36 dB Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.332 068 900 GHz -50.138 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.328000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.337000 GHz Sweep 5.333 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq: 2.332600000 GHz, Start Freq: 2.328000000 GHz, Stop Freq: 2.337000000 GHz, CF Step: 900.000 kHz, Freq Offset: 0 Hz</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:03:02 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Atten: 36 dB Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.337 988 1 GHz -51.160 dBm</p> <p>10 dB/div L9g</p> <p>Start 2.337000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.341000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq: 2.339000000 GHz, Start Freq: 2.337000000 GHz, Stop Freq: 2.341000000 GHz, CF Step: 400.000 kHz, Freq Offset: 0 Hz</p>				

Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:04:30 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.342 820 7 GHz -50.192 dBm</p> <p>10 dB/div L9.9</p> <p>Start 2.341000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.345000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq: 2.343000000 GHz, Start Freq: 2.341000000 GHz, Stop Freq: 2.345000000 GHz, CF Step: 400.000 kHz, Freq Offset: 0 Hz</p>				
Higher Band Edge	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>RF 50 G DC SERVICENT ALIGN AUTO 03:05:46 PM Dec 03, 2015</p> <p>PN0: Wide IFGain: low Trig: Free Run Avg Type: RMS AvgHold: 100/100</p> <p>Ref Offset 4.3 dB Ref 30.00 dBm Mkr1 2.345 896 625 GHz -50.570 dBm</p> <p>10 dB/div L9.9</p> <p>Start 2.345000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.360000 GHz Sweep 2.667 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq: 2.352500000 GHz, Start Freq: 2.345000000 GHz, Stop Freq: 2.360000000 GHz, CF Step: 1.50000 MHz, Freq Offset: 0 Hz</p>				

Operate Band	LTE Band 30	Channel Bandwidth	10 MHz	RB Allocated	50
Higher Band Edge	 <p>The screenshot shows the Agilent Spectrum Analyzer interface. The main display area shows a signal trace with a marker 'Mkr1' at 2.362963750 GHz and a power level of -50.184 dBm. The reference level is set to 30.00 dBm with a 4.3 dB offset. The frequency range is from 2.360000 GHz to 2.365000 GHz. The resolution bandwidth is 1.0 MHz and the video bandwidth is 3.0 MHz. The sweep time is 2.667 ms. The right-hand side of the screen features a control panel with buttons for 'Auto Tune', 'Center Freq', 'Start Freq', 'Stop Freq', 'CF Step', and 'Freq Offset'.</p>				