

# FCC/ISED Test Report

Product Name : LM960  
Trade Name :   
Model No. : LM960  
FCC ID : RI7LM960  
IC ID : 5131A-LM960

Applicant : Telit Wireless Solutions Co. Ltd.  
Address : 13th Fl., Shinyoung Securities Bld, 6, Gukjegeumyung-ro 8-gil,  
Yeongdeungpo-gu, Seoul, 07330, Korea

Date of Receipt : Apr. 09, 2018  
Issued Date : Aug. 22, 2018  
Report No. : 1840058R-HPUSP55V00-A  
Report Version : V1.0



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# Test Report Certification

Issued Date : Aug. 22, 2018

Report No. : 1840058R-HPUSP55V00-A



Product Name : LM960  
 Applicant : Telit Wireless Solutions Co. Ltd.  
 Address : 13th Fl., Shinyoung Securities Bld, 6, Gukjegeumyung-ro 8-gil,  
 Yeongdeungpo-gu, Seoul, 07330, Korea  
 Manufacturer : Telit Wireless Solutions Co. Ltd.  
 Trade name :

Model No. : LM960  
 FCC ID : RI7LM960  
 IC ID : 5131A-LM960  
 EUT Voltage : DC 3.3V  
 Testing Voltage : DC 3.3V  
 Applicable Standard : FCC CFR Title 47 Part 22 Subpart H  
 FCC CFR Title 47 Part 24 Subpart E  
 FCC CFR Title 47 Part 27 Subpart L, Subpart M, Subpart F  
 FCC CFR Title 47 Part 90 Subpart S, Subpart R  
 ANSI/TIA-603  
 KDB 971168 D01 Power Meas License Digital Systems v03  
 RSS-130 Issue1, RSS-132 Issue3, RSS-133 Issue6, RSS-139  
 Issue3, RSS-140 Issue1, RSS-195 Issue2, RSS-199 Issue3

Test Lab : Hsin Chu Laboratory  
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Test Result : Complied

Documented By :   
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 ( Lyla Yang / Engineering Adm. Specialist )

Tested By :   
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 ( Max Chang / Engineer )

Approved By :   
 \_\_\_\_\_  
 ( Roy Wang / Director )

### Revision History

Report No.	Version	Description	Issued Date
1840058R-HPUSP55V00-A	V1.0	Initial issue of report	Aug. 22, 2018


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## 1. General Information

### 1.1. EUT Description

Product Name	LM960	
Trade Name		
Model No.	LM960	
Uplink Frequency Range (MHz)	Band 2: 1850~1910 Band 4: 1710~1755 Band 5: 824~849 Band 7: 2500~2570 Band 12: 699~716 Band 13: 777~787 Band 14: 788~798 Band 17: 704~716 Band 18: 815~830	Band 19: 830~845 Band 25: 1850~1915 Band 26: 814~849 Band 30: 2305~2315 Band 38: 2570~2620 Band 41: 2496~2690 Band 66: 1710~1780 Band 71: 663~698
Downlink Frequency Range (MHz)	Band 2: 1930~1990 Band 4: 2110~2115 Band 5: 869~894 Band 7: 2620~2690 Band 12: 729~746 Band 13: 746~756 Band 14: 758~768 Band 17: 734~746 Band 18: 860~875 Band 19: 875~890	Band 25: 1930~1995 Band 26: 859~894 Band 29: 717~728 Band 30: 2350~2360 Band 38: 2570~2620 Band 41: 2496~2690 Band 46: 5150~5925 Band 66: 2110~2200 Band 71: 617~652
Modulation	QPSK / 16QAM / 64QAM	
HW Version	1.0	
SW Version	32.00.011	
IMEI No.	355689009	

<b>Accessories Information</b>	
Antenna	4 Pcs (2pcs-White / 2pcs-Black)

<b>Antenna Information</b>	
Product Name	HNS (HANKOOK NETWORK SOLUTION)
Model No.	Black color: WE14-S3-1 White color: WE14-LF-07
Antenna Type	Dipole Antenna
Antenna Gain	Band 2/4/25/66: 3.5dBi Band 5/12/13/14/17/18/19/26/29/71: 1.5dBi Band 7/38/41/46: 3.0dBi Band 30: 1.0dBi

**Note:**

- This LM960 support WCDMA Band 2/4/5 ;  
LTE Band 2/4/5/7/12/13/14/17/18/19/25/26/29(DL only)/30/38/41/46(DL only)/66/71 and  
2UL CA list: CA\_2A-5A, CA\_2A-12A, CA\_2A-13A, CA\_4A-5A, CA\_4A-7A, CA\_4A-12A,  
CA\_4A-13A, CA\_5A-66A, CA\_12A-66A, CA\_5B, CA\_7C, CA\_38C, CA\_41C.  
LTE band 29/46 is used for downlink-only.
- 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.
- For ISSED, this device doesn't support the LTE band 18/19/71. And the LTE band 26 frequency range is 824-849MHz for ISSED.

## 1.2. Mode of Operation

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

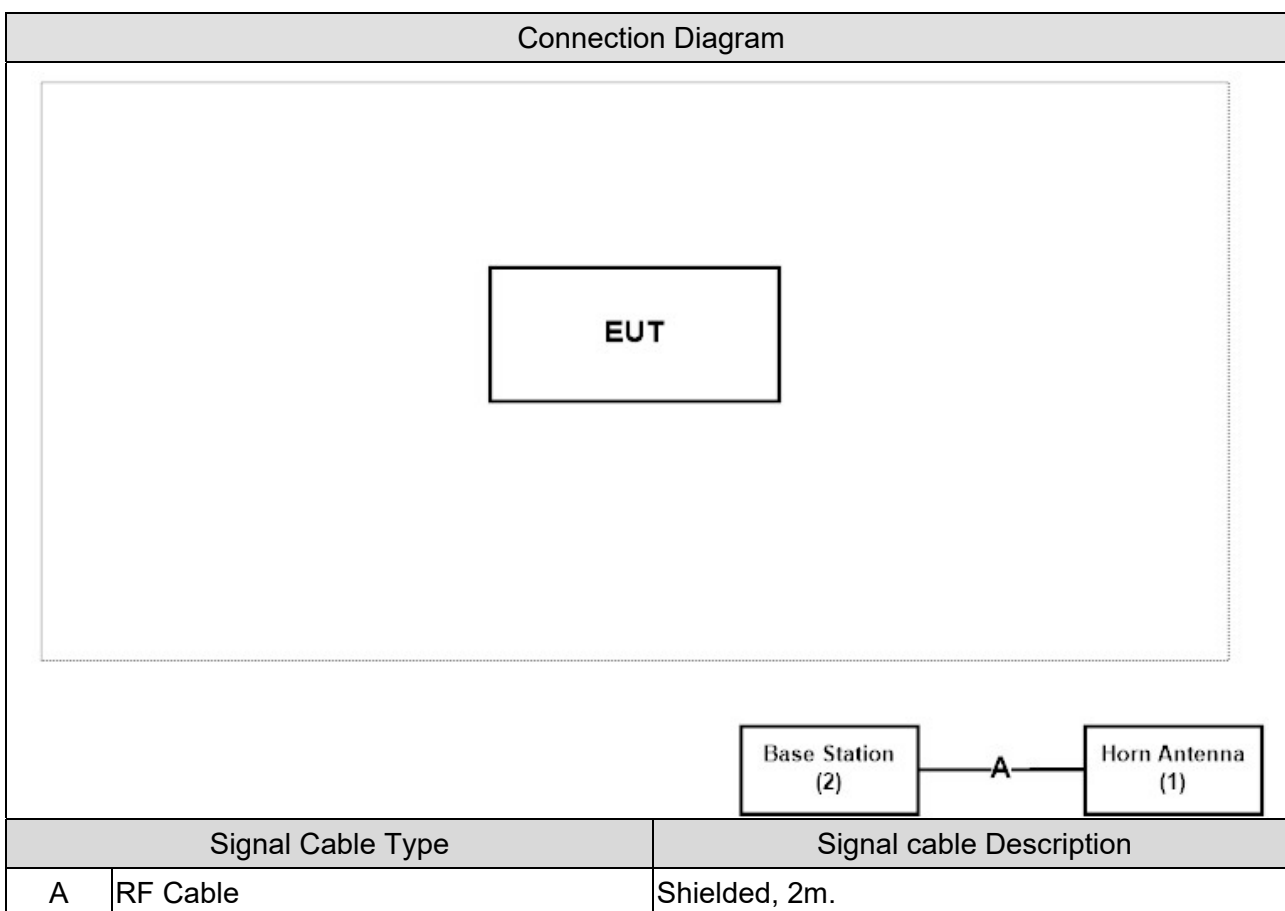
Test Mode
Mode 1: LTE Band 2
Mode 2: LTE Band 4
Mode 3: LTE Band 5
Mode 4: LTE Band 7
Mode 5: LTE Band 12
Mode 6: LTE Band 13
Mode 7: LTE Band 14
Mode 8: LTE Band 17
Mode 9: LTE Band 18
Mode 10: LTE Band 19
Mode 11: LTE Band 25
Mode 12: LTE Band 26
Mode 13: LTE Band 30
Mode 14: LTE Band 38
Mode 15: LTE Band 41
Mode 16: LTE Band 66
Mode 17: LTE Band 71
Mode 18: LTE CA 2A-5A
Mode 19: LTE CA 2A-12A
Mode 20: LTE CA 2A-13A
Mode 21: LTE CA 4A-5A
Mode 22: LTE CA 4A-7A
Mode 23: LTE CA 4A-12A
Mode 24: LTE CA 4A-13A
Mode 25: LTE CA 5A-66A
Mode 26: LTE CA 12A-66A
Mode 27: LTE CA 5B
Mode 28: LTE CA 7C
Mode 29: LTE CA 38C
Mode 30: LTE CA 41C

### 1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1   Horn Antenna	ELECTRO METRICS	EM-6961	103326	DoC	--
2   Base Station	R&S	CMW500	106071	DoC	--

### 1.4. Configuration of Tested System



### 1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment. Horn link with base station.
3	The EUT link with base station and it will continue receive the signal.
4	Repeat the above procedure.



**2. Technical Test**

**2.1. Summary of Test Result**

B2

Uplink: 1850-1910MHz

Downlink: 1930-1990MHz

LTE B2					
FCC Part 24 Subpart E					
Industry Canada RSS-133, issue6, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §24.232	<2 Watts	§6.4	<2 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§24.232	<13 dB	§6.4	<13 dB	Pass
Spurious Emissions	§2.1053 §24.238	<-13dBm	§6.5	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.238	<-13dBm	§6.5	<-13dBm	Pass
Frequency Stability	§2.1055 §24.235	<±2.5 ppm	§6.3	<±2.5 ppm	Pass

B4

Uplink: 1710-1755MHz

Downlink: 2100-2155MHz

LTE B4					
FCC Part 27 Subpart L					
Industry Canada RSS-139, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<1 Watt	§6.5	<1 Watt	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§6.5	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-13dBm	§6.6	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	§6.6	<-13dBm	Pass
Frequency Stability	§2.1055 §27.54	<2.5 ppm	§6.4	Within the frequency range	Pass

B5

Uplink: 824-849MHz

Downlink: 869-894MHz

LTE B5					
FCC Part 22 Subpart H					
Industry Canada RSS-132, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §22.913	<7 Watts	§5.4	<7 Watts EIRP: <11.5 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§22.913	<13 dB	§5.4	<13 dB	Pass
Spurious Emissions	§2.1053 §22.917	<-13dBm	§5.5	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§22.917	<-13dBm	§5.5	<-13dBm	Pass
Frequency Stability	§2.1055 §22.335	<±2.5 ppm	§5.3	<±2.5 ppm for mobile stations <±1.5 ppm for base stations	Pass

B7

Uplink: 2500-2570MHz

Downlink: 2620-2690MHz

LTE B7					
FCC Part 27 Subpart M					
Industry Canada RSS-199, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<2 Watts	§4.4	<2 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§4.4	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-25dBm	§4.5	<-25dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<5MHz:-10dBm 5MHz-X MHz:-13dBm>X MHz:-25dBm	§4.5	<5MHz:-10dBm 5MHz-X MHz:-13dBm>X MHz:-25dBm	Pass
Frequency Stability	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass

B12

Uplink: 699-716MHz

Downlink: 729-746MHz

LTE B12					
FCC Part 27 Subpart F					
Industry Canada RSS-130, issue1, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<3 Watts ERP	§4.4	<5 Watts E.I.R.P for portable equipment or for indoor fixed subscriber equipment	Pass
Occupied Bandwidth	§2.1049	N/A	§4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§4.4	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-13dBm	§4.6	<-13dBm The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	§4.6	<-13dBm	Pass
Frequency Stability	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass

B13

Uplink: 777-787MHz

Downlink: 746-756MHz

LTE B13					
FCC Part 27 Subpart F					
Industry Canada RSS-130, issue1, Industry Canada RSS-GEN					
RF Output Power	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass
Occupied Bandwidth	§2.1033 §2.1046 §27.50	<3 Watts ERP	§4.4	<5 Watts	Pass
Peak-to-average power ratio	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Spurious Emissions	§27.50	<-13 dB	§4.4	<-13 dB	Pass
Spurious Emissions at Antenna Terminals	§2.1053 §27.53	<-13dBm	§4.6	<-13dBm	Pass
Frequency Stability	§27.53	<-13dBm	§4.6	<-13dBm	Pass

B14

Uplink: 788-798MHz

Downlink: 758-768MHz

LTE B14					
FCC Part 90 Subpart R					
Industry Canada RSS-140, issue1, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §90.542	<3 Watts ERP	§4.3	<3 Watts ERP	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§4.3	<13 dB	Pass
Spurious Emissions	§2.1053 §90.543	<-13dBm	§4.4	<-13dBm <-70 dBW/MHz e.i.r.p.of all emissions, including harmonics in the band 1559-1610 MHz,	Pass
Spurious Emissions at Antenna Terminals	§90.543	<-35dBm	§4.4	<-35dBm. for mobile and portable/hand-held equipment	Pass
Frequency Stability	§2.1055 §90.543	<±2.5 ppm	§4.2	Within the frequency range	Pass

B17

Uplink: 704-716MHz

Downlink: 734-746MHz

LTE B17					
FCC Part 27 Subpart F					
Industry Canada RSS-130, issue1, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<3 Watts	§4.4	<5 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	§4.4	<13 dB	Pass
Peak-to-average power ratio	§27.50	<13 dB	§4.3	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-13dBm	§4.6	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	RSS-GEN §4.2	N/A	Pass
Frequency Stability	§2.1055 §27.54	<2.5 ppm	§4.6	<-13dBm	Pass



B18

Uplink: 815-830MHz

Downlink: 860-875MHz

LTE B18			
FCC Part 22 Subpart H			
FCC Part 90 Subpart S			
Test item	FCC Reference section	FCC Limit	Result
RF Output Power	§2.1033 §2.1046 §22.913 §90.635(b)	<100 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	Pass
Peak-to-average power ratio	§22.913	<-13 dB	Pass
Spurious Emissions	§2.1053 §22.917 §90.691	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§22.917 §90.691	<-13dBm	Pass
Frequency Stability	§2.1055	<±2.5 ppm	Pass

B19

Uplink: 830~845MHz

Downlink: 875~890MHz

LTE B19			
FCC Part 22 Subpart H			
Test item	FCC Reference section	FCC Limit	Result
RF Output Power	§2.1033 §2.1046 §22.913	<100 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	Pass
Peak-to-average power ratio	§22.913	<-13 dB	Pass
Spurious Emissions	§2.1053 §22.913	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§22.913	<-13dBm	Pass
Frequency Stability	§2.1055	<±2.5 ppm	Pass

B25

Uplink: 1850~1915MHz

Downlink: 1930~1995MHz

LTE B25					
FCC Part 24 Subpart E					
Industry Canada RSS-133, issue6, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §24.232	<2 Watts	§6.4	<2 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§24.232	<13 dB	§6.4	<13 dB	Pass
Spurious Emissions	§2.1053 §24.238	<-13dBm	§6.5	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.238	<-13dBm	§6.5	<-13dBm	Pass
Frequency Stability	§2.1055 §24.235	<±2.5 ppm	§6.3	<±2.5 ppm	Pass

B26

Uplink: 814~849MHz (ISDE not support 814~824 MHz)

Downlink: 859~894MHz

LTE B26					
FCC Part 22 Subpart H					
FCC Part 90 Subpart S					
Industry Canada RSS-132, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §90.635(b) §22.913	<100 Watts	§5.4	<11.5 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§22.913	<13 dB	§5.4	<13 dB	Pass
Spurious Emissions	§2.1053 §90.691 §22.917	<-13dBm	§5.5	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§90.691 §22.917	<-13dBm	§5.5	<-13dBm	Pass
Frequency Stability	§2.1055 §90.213	<±2.5 ppm	§5.2	<±2.5ppm	Pass

B30

Uplink: 2305~2315MHz

Downlink: 2350~2360MHz

LTE B30					
FCC Part 27 Subpart M					
Industry Canada RSS-195, issue2, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<250 mW pwithin any 5 MHz bandwidth in average value EIRP: <50 mW pwithin any 1 MHz bandwidth in average value	§5.5	<250 mW pwithin any 5 MHz bandwidth in average value EIRP: <50 mW pwithin any 1 MHz bandwidth in average value	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§5.5.1	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-40dBm	§4.5	<-40dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-40dBm	§4.5	<-40dBm	Pass
Frequency Stability	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass

B38

Uplink: 2570~2620MHz

Downlink: 2570~2620MHz

LTE B38					
FCC Part 27 Subpart M					
Industry Canada RSS-199, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<2 Watts	§4.4	<2 Watts EIRP	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§4.4	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-25dBm	§4.5	<-25dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<5MHz:-10dBm 5NHZ-X MHz:-13dBm>X MHz:-25dBm	§4.5	<5MHz:-10dBm 5NHZ-X MHz:-13dBm>X MHz:-25dBm	Pass
Frequency Stability	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass

B41

Uplink: 2496~2690MHz for FCC, 2500~2690MHz for ISED

Downlink: 2496~2690MHz

LTE B41					
FCC Part 27 Subpart M					
Industry Canada RSS-199, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<2 Watts	§4.4	<2 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§4.4	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-25dBm	§4.5	<-25dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	-25dBm	§4.5	<5MHz:-10dBm 5NHZ-X MHz:-13dBm>X MHz:-25dBm	Pass
Frequency Stability	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass

B66

Uplink: 1710~1780MHz

Downlink: 2110~2200MHz

LTE B66					
FCC Part 27 Subpart L					
Industry Canada RSS-139, issue3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<1 Watts	§6.5	<1 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	§6.5	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-13dBm	§6.6	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	§6.6	<-13dBm	Pass
Frequency Stability	§2.1055 §27.54	<2.5 ppm	§6.4	Within the frequency range	Pass



B71

Uplink: 663~698MHz

Downlink: 617~652MHz

LTE B71			
FCC Part 27 Subpart F			
Test item	FCC Reference section	FCC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<3 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	Pass
Peak-to-average power ratio	§27.50	<13 dB	Pass
Spurious Emissions	§2.1053 §27.53	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	Pass
Frequency Stability	§2.1055 §27.54	<2.5 ppm	Pass

## 2.2. Test Environment

Items	Required (IEC 68-1)	Actual	Test Site
Temperature (°C)	15-35	23	2 & 3
Humidity (%RH)	25-75	52	
Barometric pressure (mbar)	860-1060	950-1000	

Note: Test site information refers to Laboratory Information.

## Laboratory Information

**USA** : **FCC Registration Number: TW3024**  
**Canada** : **IC Registration Number: 22397-1 / 22397-2 / 22397-3**

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

<http://www.dekra.com.tw/english/about/certificates.aspx?bval=5>

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : [http://www.dekra.com.tw/index\\_en.aspx](http://www.dekra.com.tw/index_en.aspx)

If you have any comments, Please don't hesitate to contact us. Our test sites as below:

Site1 No. 75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan (R.O.C.)

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### 2.3. List of Test Equipment

#### RF Output Power / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2018/01/02	2019/01/01
Pulse Power Sensor	Anritsu	MA2411B	1531043	2018/01/02	2019/01/01
Pulse Power Sensor	Anritsu	MA2411B	1531044	2018/01/02	2019/01/01
Power Meter	Keysight	8990B	MY51000248	2018/06/07	2019/06/06
Power Sensor	Keysight	N1923A	MY57240005	2018/06/07	2019/06/06

#### Occupied Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

#### Peak To Average Ratio / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2017/06/13	2018/06/12
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

#### Conducted Spurious Emissions / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

## Radiated Spurious Emissions / CB4-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2017/11/21	2018/11/20
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Bilog Antenna	Teseq	CBL6112D	23191	2017/06/28	2018/06/27
Horn Antenna	Schwarzbeck	BBHA 9120D	312	2017/10/11	2018/10/10
Horn Antenna	Schwarzbeck	BBHA 9170	202	2018/01/31	2019/01/30
Pre-Amplifier	Dekra	AP-025C	201801236	2018/02/26	2019/02/25
Pre-Amplifier	EMCI	EMC11830I	980366	2018/01/08	2019/01/07
Pre-Amplifier	Dekra	AP-400C	201801231	2017/12/13	2018/12/12

## Spurious Emissions at Antenna Terminals / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

## Frequency Stability / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2017/06/13	2018/06/12
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

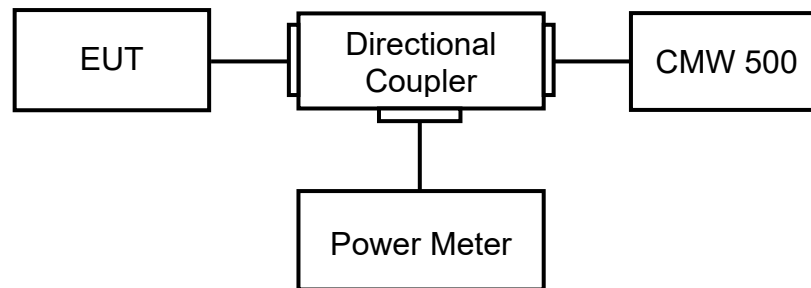
Note: All equipment upon which need to calibrated are with calibration period of 1 year.

## 2.4. Uncertainty

Test Item	Uncertainty
RF Output Power	$\pm 1.27$ dB.
Occupied Bandwidth	$\pm 10$ Hz
Peak To Average Ratio	not exceed 13 dB.
Spurious Emissions	$\pm 1.27$ dB for Conducted Measurement. $\pm 3.2$ dB for Radiated Measurement.
Spurious Emissions at Antenna Terminals	$\pm 3.2$ dB
Frequency Stability	$\pm 10$ Hz

### 3. RF Output Power

#### 3.1. Test Setup



#### 3.2. Test Procedure

- a) The RF output of the transmitter was connected to base station simulator.
- b) The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement..
- c) Set EUT at maximum average power by base station simulator.
- d) Measure lowest, middle, and highest channels for each bandwidth and different modulation.

Effective Isotropic Radiated Power = Conducted Power(dBm) + Antenna Gain(dBi)

Effective Radiated Power = Conducted Power(dBm) + Antenna Gain(dBi) - 2.15dB

#### 3.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 5.2.4

ANSI C63.26: 2015 Sub-clause 5.2.4.2

### 3.4. Test Result

LTE Band 2				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
1850.7	23.66	9	32.66	33
1878.3	23.58	9	32.58	33
1909.3	23.44	9	32.44	33

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 9.0 dBi.
3. The antenna gain by manufacturer's declaration is 3.5 dBi.

LTE Band 4				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
1717.5	24.10	5	29.10	30
1732.5	24.01	5	29.01	30
1747.5	23.85	5	28.85	30

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 5.0 dBi.
3. The antenna gain by manufacturer's declaration is 3.5 dBi.

LTE Band 5				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
829.0	23.88	16	37.73	38.45
836.5	24.05	16	37.90	38.45
844.0	23.89	16	37.74	38.45

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 16.0 dBi.
3. The antenna gain by manufacturer's declaration is 1.5 dBi.

LTE Band 7				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
2510	23.99	8	31.99	33
2535	24.04	8	32.04	33
2565	23.95	8	31.95	33

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 8.0 dBi.
3. The antenna gain by manufacturer’s declaration is 3.0 dBi.

LTE Band 12				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
700.5	23.44	13	34.29	34.77
707.5	23.34	13	34.19	34.77
711.0	23.22	13	34.07	34.77

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 13.0 dBi.
3. The antenna gain by manufacturer’s declaration is 1.5 dBi.

LTE Band 13				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
779.5	23.15	13	34.00	34.77
782.0	23.23	13	34.08	34.77
784.5	23.21	13	34.06	34.77

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 13.0 dBi.
3. The antenna gain by manufacturer’s declaration is 1.5 dBi.



LTE Band 14				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
790.5	23.15	13	34.10	34.77
793.0	23.23	13	34.10	34.77
795.5	23.21	13	33.96	34.77

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 13.0 dBi.
3. The antenna gain by manufacturer’s declaration is 1.5 dBi.

LTE Band 17				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
706.5	23.44	13	34.29	34.77
710.0	23.36	13	34.21	34.77
711.0	23.30	13	34.15	34.77

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 13.0 dBi.
3. The antenna gain by manufacturer’s declaration is 1.5 dBi.

LTE Band 18				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
817.5	23.41	28	49.26	50
822.5	23.47	28	49.32	50
827.5	23.44	28	49.29	50

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 28.0 dBi.
3. The antenna gain by manufacturer’s declaration is 1.5 dBi.

LTE Band 19				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
832.5	23.64	28	49.49	50
837.5	23.84	28	49.69	50
842.5	23.37	28	49.22	50

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 28.0 dBi.
3. The antenna gain by manufacturer's declaration is 1.5 dBi.

LTE Band 25				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
1857.5	23.24	9	32.24	33
1882.5	23.33	9	32.33	33
1907.5	23.69	9	32.69	33

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 9.0 dBi.
3. The antenna gain by manufacturer's declaration is 3.5 dBi.

LTE Band 26				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
816.5	23.01	29	49.86	50
831.5	23.11	29	49.96	50
841.5	23.14	29	49.99	50

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 29.0 dBi.
3. The antenna gain by manufacturer's declaration is 1.5 dBi.

LTE Band 30				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
2307.5	22.89	1	23.89	23.98
2310.0	22.85	1	23.85	23.98
2312.5	22.75	1	23.75	23.98

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 1.0 dBi.
3. The antenna gain by manufacturer's declaration is 1.0 dBi.

LTE Band 38				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
2575.0	24.09	8	32.09	33
2595.0	24.07	8	32.07	33
2610.0	24.01	8	32.01	33

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 8.0 dBi.
3. The antenna gain by manufacturer's declaration is 3.0 dBi.

LTE Band 41				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
2506.0	26.74	6	32.74	33
2593.0	26.70	6	32.70	33
2680.0	26.66	6	32.66	33

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 6.0 dBi.
3. The antenna gain by manufacturer's declaration is 3.0 dBi.

LTE Band 66				
Frequency (MHz)	Average Power			Limit (dBm) EIRP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) EIRP	
1712.5	23.99	6	29.99	30
1745.0	23.79	6	29.79	30
1770.0	23.60	6	29.60	30

Note:

1. Measure Level (EIRP)= Reading Level + Antenna Gain
2. The usable maximum antenna gain is 6.0 dBi.
3. The antenna gain by manufacturer’s declaration is 3.5 dBi.

LTE Band 71				
Frequency (MHz)	Average Power			Limit (dBm) ERP
	Reading Level (dBm)	Antenna Gain (dBi) (note2)	Measure Level (dBm) ERP	
673.0	23.72	13	34.57	34.77
680.5	23.81	13	34.66	34.77
688.0	23.84	13	34.69	34.77

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain (dBi) - 2.15dB
2. The usable maximum antenna gain is 13.0 dBi.
3. The antenna gain by manufacturer’s declaration is 1.5 dBi.

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 1.4MHz	CH 18607 1850.7MHz	QPSK	1	0	0	22.73	0.420	2	
				2		22.87	0.434	2	
				5		22.77	0.424	2	
			3	0	0	22.77	0.424	2	
				1		22.85	0.432	2	
				2		22.83	0.430	2	
			6	0	1	21.79	0.338	2	
			16-QAM	1	1	0	22.20	0.372	2
						2	22.10	0.363	2
		5				22.13	0.366	2	
		3		1	0	22.01	0.356	2	
					1	22.11	0.364	2	
					2	22.13	0.366	2	
		6		0	2	20.93	0.277	2	
		64-QAM		1	2	0	21.31	0.303	2
						2	21.42	0.310	2
			5			21.36	0.306	2	
			3	2	0	21.25	0.299	2	
					1	21.26	0.299	2	
					2	21.47	0.314	2	
			6	0	3	20.26	0.238	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 1.4MHz	CH 18900 1880MHz	QPSK	1	0	0	22.92	0.439	2	
				2		22.95	0.442	2	
				5		22.90	0.437	2	
			3	0	0	22.92	0.439	2	
				1		22.93	0.440	2	
				2		22.94	0.441	2	
			6	0	1	21.88	0.345	2	
			16-QAM	1	0	1	22.21	0.372	2
					2		22.09	0.362	2
		5			21.98		0.353	2	
		3		0	1	22.07	0.361	2	
				1		22.11	0.364	2	
				2		22.18	0.370	2	
		6		0	2	21.04	0.284	2	
		64-QAM		1	0	2	21.34	0.305	2
					2		21.48	0.315	2
			5		21.35		0.305	2	
			3	0	2	21.42	0.310	2	
				1		21.49	0.316	2	
				2		21.39	0.308	2	
			6	0	3	20.28	0.239	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 1.4MHz	CH 19193 1909.3MHz	QPSK	1	0	0	23.05	0.452	2	
				2		23.09	0.456	2	
				5		22.96	0.443	2	
			3	0	0	23.02	0.449	2	
				1		23.09	0.456	2	
				2		23.12	0.459	2	
			6	0	1	22.04	0.358	2	
			16-QAM	1	1	0	22.19	0.371	2
						2	22.07	0.361	2
		5				22.33	0.383	2	
		3		1	0	21.21	0.296	2	
					1	21.35	0.305	2	
					2	21.31	0.303	2	
		6		0	2	21.13	0.290	2	
		64-QAM		1	2	0	21.51	0.317	2
						2	21.60	0.324	2
			5			21.55	0.320	2	
			3	2	0	21.31	0.303	2	
					1	20.37	0.244	2	
					2	20.27	0.238	2	
			6	0	3	20.31	0.240	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 3MHz	CH 18607 1850.7MHz	QPSK	1	0	0	22.78	0.425	2	
				7		22.86	0.433	2	
				14		22.69	0.416	2	
			8	0	1	21.85	0.343	2	
				4		21.83	0.341	2	
				7		21.83	0.341	2	
			15	0	1	21.84	0.342	2	
			16-QAM	1	1	0	22.13	0.366	2
						7	21.93	0.349	2
		14				22.12	0.365	2	
		8		2	0	20.98	0.281	2	
					4	21.05	0.285	2	
					7	20.89	0.275	2	
		15		0	2	20.90	0.275	2	
		64-QAM		1	2	0	21.73	0.333	2
						7	21.75	0.335	2
			14			21.74	0.334	2	
			8	3	0	20.51	0.252	2	
					4	20.51	0.252	2	
					7	20.42	0.247	2	
			15	0	3	20.44	0.248	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 3MHz	CH 18900 1880MHz	QPSK	1	0	0	22.89	0.436	2	
				7		23.12	0.459	2	
				14		22.87	0.434	2	
			8	0	1	21.99	0.354	2	
				4		22.00	0.355	2	
				7		21.97	0.352	2	
			15	0	1	21.98	0.353	2	
			16-QAM	1	1	0	22.25	0.376	2
						7	22.41	0.390	2
		14				22.20	0.372	2	
		8		2	0	21.15	0.292	2	
					4	21.10	0.288	2	
					7	21.14	0.291	2	
		15		0	2	21.10	0.288	2	
		64-QAM		1	2	0	21.65	0.327	2
						7	21.62	0.325	2
			14			21.66	0.328	2	
			8	3	0	20.47	0.249	2	
					4	20.44	0.248	2	
					7	20.37	0.244	2	
			15	0	3	20.42	0.247	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 2 / 3MHz	CH 19193 1909.3MHz	QPSK	1	0	0	23.16	0.463	2			
				7		23.18	0.466	2			
				14		23.04	0.451	2			
			8	0	1	0	22.17	0.369	2		
						4	22.21	0.372	2		
						7	22.20	0.372	2		
				15		1	0	22.16	0.368	2	
							7	22.31	0.381	2	
							14	22.31	0.381	2	
		16-QAM	1	1	0	22.21	0.372	2			
					7	22.31	0.381	2			
					14	22.31	0.381	2			
			8		0	2	0	21.21	0.296	2	
							4	21.21	0.296	2	
							7	21.13	0.290	2	
					15		2	0	21.22	0.296	2
								7	21.57	0.321	2
								14	21.54	0.319	2
		64-QAM	1	2	0	21.51	0.317	2			
					7	21.57	0.321	2			
					14	21.54	0.319	2			
			8		0	3	0	21.29	0.301	2	
							4	20.39	0.245	2	
							7	20.27	0.238	2	
15	3				0		20.31	0.240	2		

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 5MHz	CH 18625 1852.5MHz	QPSK	1	0	0	22.88	0.435	2	
				12		22.94	0.441	2	
				24		22.83	0.430	2	
			12	0	1	21.87	0.344	2	
				6		21.84	0.342	2	
				11		21.83	0.341	2	
			25	0	1	21.85	0.343	2	
			16-QAM	1	0	1	22.14	0.366	2
					12		22.17	0.369	2
		24			22.13		0.366	2	
		12		0	2	21.01	0.282	2	
				6		21.02	0.283	2	
				11		21.01	0.282	2	
		25		0	2	20.93	0.277	2	
		64-QAM		1	0	2	21.75	0.335	2
					12		21.77	0.337	2
			24		21.75		0.335	2	
			12	0	3	20.52	0.252	2	
				6		20.48	0.250	2	
				11		20.42	0.247	2	
			25	0	3	20.44	0.248	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 2 / 5MHz	CH 18900 1880MHz	QPSK	1	0	0	23.10	0.457	2			
				12		23.05	0.452	2			
				24		22.99	0.446	2			
			12	0	1	0	22.05	0.359	2		
						6	22.03	0.357	2		
						11	21.99	0.354	2		
				25		0	1	22.01	0.356	2	
						1	1	0	22.47	0.395	2
								12	22.36	0.385	2
		24	22.03	0.357	2						
		16-QAM	12	2	0	21.25	0.299	2			
					6	21.14	0.291	2			
					11	21.08	0.287	2			
			25		0	2	21.14	0.291	2		
			64-QAM		1	2	0	21.65	0.327	2	
							12	21.58	0.322	2	
							24	21.65	0.327	2	
		12		3	0		20.48	0.250	2		
			6		20.42	0.247	2				
			11		20.41	0.246	2				
		25	0	3	20.45	0.248	2				

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 5MHz	CH 19175 1907.5MHz	QPSK	1	0	0	23.27	0.475	2	
				12		23.09	0.456	2	
				24		23.22	0.470	2	
			12	0	1	22.21	0.372	2	
				6		22.20	0.372	2	
				11		22.17	0.369	2	
			25	0	1	22.21	0.372	2	
			16-QAM	1	1	0	22.79	0.426	2
						12	22.59	0.406	2
		24				22.57	0.405	2	
		12		2	0	21.33	0.304	2	
					6	21.33	0.304	2	
					11	21.34	0.305	2	
		25		0	2	21.26	0.299	2	
		64-QAM		1	2	0	21.55	0.320	2
						12	21.60	0.324	2
			24			21.53	0.318	2	
			12	3	0	21.32	0.303	2	
					6	20.41	0.246	2	
					11	20.28	0.239	2	
			25	0	3	20.31	0.240	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 10MHz	CH 18650 1855MHz	QPSK	1	0	0	22.92	0.439	2	
				24		22.93	0.440	2	
				49		22.86	0.433	2	
			25	0	1	21.93	0.349	2	
				12		22.02	0.356	2	
				24		21.94	0.350	2	
			50	0	1	21.99	0.354	2	
			16-QAM	1	0	1	22.31	0.381	2
					24		22.41	0.390	2
		49			22.25		0.376	2	
		25		0	2	21.03	0.284	2	
				12		21.17	0.293	2	
				24		21.10	0.288	2	
		50		0	2	21.10	0.288	2	
		64-QAM		1	0	2	21.73	0.333	2
					24		21.63	0.326	2
			49		21.70		0.331	2	
			25	0	3	20.37	0.244	2	
				12		20.34	0.242	2	
				24		20.30	0.240	2	
			50	0	3	20.34	0.242	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 10MHz	CH 18900 1880MHz	QPSK	1	0	0	23.06	0.453	2	
				24		23.03	0.450	2	
				49		22.98	0.445	2	
			25	0	1	22.04	0.358	2	
				12		22.04	0.358	2	
				24		21.99	0.354	2	
			50	0	1	22.04	0.358	2	
			16-QAM	1	1	0	22.42	0.391	2
						24	22.28	0.378	2
		49				22.19	0.371	2	
		25		2	0	21.17	0.293	2	
					12	21.12	0.290	2	
					24	21.10	0.288	2	
		50		0	2	21.17	0.293	2	
		64-QAM		1	2	0	21.79	0.338	2
						24	21.74	0.334	2
			49			21.46	0.313	2	
			25	3	0	20.42	0.247	2	
					12	20.37	0.244	2	
					24	20.27	0.238	2	
			50	0	3	20.39	0.245	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 10MHz	CH 19150 1905MHz	QPSK	1	0	0	23.29	0.478	2	
				24		23.14	0.461	2	
				49		23.25	0.473	2	
			25	0	1	22.29	0.379	2	
				12		22.28	0.378	2	
				24		22.23	0.374	2	
			50	0	1	22.25	0.376	2	
			16-QAM	1	0	1	22.63	0.410	2
					24		22.45	0.394	2
		49			22.47		0.395	2	
		25		0	2	21.37	0.307	2	
				12		21.40	0.309	2	
				24		21.31	0.303	2	
		50		0	2	21.33	0.304	2	
		64-QAM		1	0	2	21.67	0.329	2
					24		21.68	0.330	2
			49		21.56		0.321	2	
			25	0	3	20.26	0.238	2	
				12		20.25	0.237	2	
				24		20.23	0.236	2	
			50	0	3	20.16	0.232	2	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 15MHz	CH 18675 1857.5MHz	QPSK	1	0	0	23.15	0.462	2	
				37		23.05	0.452	2	
				74		23.07	0.454	2	
			36	0	1	22.06	0.360	2	
				19		22.00	0.355	2	
				38		21.95	0.351	2	
			75	0	1	22.00	0.355	2	
			16-QAM	1	0	1	22.24	0.375	2
					37		22.18	0.370	2
		74			22.50		0.398	2	
		36		0	2	21.18	0.294	2	
				19		21.15	0.292	2	
				38		21.09	0.288	2	
		75		0	2	21.13	0.290	2	
		64-QAM		1	0	2	21.65	0.327	2
					37		21.60	0.324	2
			74		21.72		0.333	2	
			36	0	3	20.52	0.252	2	
				19		20.47	0.249	2	
				38		20.33	0.242	2	
			75	0	3	20.37	0.244	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 15MHz	CH 18900 1880MHz	QPSK	1	0	0	23.17	0.465	2	
				37		22.91	0.438	2	
				74		22.97	0.444	2	
			36	0	1	22.12	0.365	2	
				19		22.05	0.359	2	
				38		21.99	0.354	2	
			75	0	1	22.05	0.359	2	
			16-QAM	1	1	0	22.37	0.386	2
						37	22.50	0.398	2
		74				22.14	0.366	2	
		36		0	2	21.23	0.297	2	
				19		21.24	0.298	2	
				38		21.10	0.288	2	
		75		0	2	21.16	0.292	2	
		64-QAM		1	2	0	21.77	0.337	2
						37	21.68	0.330	2
			74			21.53	0.318	2	
			36	0	3	20.43	0.247	2	
				19		20.44	0.248	2	
				38		20.39	0.245	2	
			75	0	3	20.43	0.247	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 15MHz	CH 19125 1902.5MHz	QPSK	1	0	0	23.42	0.492	2	
				37		23.25	0.473	2	
				74		23.21	0.469	2	
			36	0	1	22.35	0.385	2	
				19		22.29	0.379	2	
				38		22.25	0.376	2	
			75	0	1	22.31	0.381	2	
			16-QAM	1	1	0	22.35	0.385	2
						37	22.20	0.372	2
		74				22.18	0.370	2	
		36		2	0	21.46	0.313	2	
					19	21.39	0.308	2	
					38	21.35	0.305	2	
		75		0	2	21.40	0.309	2	
		64-QAM		1	2	0	21.68	0.330	2
						37	21.58	0.322	2
			74			21.55	0.320	2	
			36	3	0	20.37	0.244	2	
					19	20.29	0.239	2	
					38	20.19	0.234	2	
			75	0	3	20.27	0.238	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 2 / 20MHz	CH 18700 1860MHz	QPSK	1	0	0	23.05	0.452	2		
				49		22.98	0.445	2		
				99		22.99	0.446	2		
			50	0	1	22.12	0.365	2		
				25		22.03	0.357	2		
				49		22.06	0.360	2		
			100	0	1	22.03	0.357	2		
			16-QAM	1	1	0	1	22.60	0.407	2
						49		22.59	0.406	2
		99				22.60		0.407	2	
		50		2	0	2	21.25	0.299	2	
					25		21.17	0.293	2	
					49		21.20	0.295	2	
		100		0	2	21.16	0.292	2		
		64-QAM		1	2	0	2	21.77	0.337	2
						49		21.76	0.336	2
			99			21.70		0.331	2	
			50	3	0	3	20.52	0.252	2	
					25		20.42	0.247	2	
					49		20.37	0.244	2	
			100	0	3	20.41	0.246	2		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 20MHz	CH 18900 1880MHz	QPSK	1	0	0	23.13	0.460	2	
				49		23.03	0.450	2	
				99		22.95	0.442	2	
			50	0	1	22.18	0.370	2	
				25		22.10	0.363	2	
				49		22.06	0.360	2	
			100	0	1	22.07	0.361	2	
			16-QAM	1	1	0	22.61	0.408	2
						49	22.43	0.392	2
		99				22.44	0.393	2	
		50		2	0	21.29	0.301	2	
					25	21.18	0.294	2	
					49	21.10	0.288	2	
		100		0	2	21.19	0.294	2	
		64-QAM		1	2	0	21.68	0.330	2
						49	21.64	0.327	2
			99			21.57	0.321	2	
			50	3	0	20.52	0.252	2	
					25	20.45	0.248	2	
					49	20.32	0.241	2	
			100	0	3	20.42	0.247	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 2 / 20MHz	CH 19100 1900MHz	QPSK	1	0	0	23.37	0.486	2	
				49		23.23	0.471	2	
				99		23.26	0.474	2	
			50	0	1	22.32	0.382	2	
				25		22.34	0.384	2	
				49		22.29	0.379	2	
			100	0	1	22.26	0.377	2	
			16-QAM	1	1	0	22.78	0.425	2
						49	22.65	0.412	2
		99				22.63	0.410	2	
		50		2	0	21.37	0.307	2	
					25	21.39	0.308	2	
					49	21.34	0.305	2	
		100		0	2	21.32	0.303	2	
		64-QAM		1	2	0	21.74	0.334	2
						49	21.61	0.324	2
			99			21.56	0.321	2	
			50	3	0	20.34	0.242	2	
					25	20.34	0.242	2	
					49	20.13	0.231	2	
			100	0	3	20.26	0.238	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 4 / 1.4MHz	CH 19957 1710.7MHz	QPSK	1	0	0	23.82	0.540	1		
				2		23.88	0.547	1		
				5		23.80	0.537	1		
			3	0	0	23.81	0.538	1		
				1		23.88	0.547	1		
				2		23.89	0.548	1		
			6	0	1	22.79	0.426	1		
			16-QAM	1	1	0	1	22.99	0.446	1
						2		23.08	0.455	1
		5				23.00		0.447	1	
		3		0	1	23.00	0.447	1		
				1		23.07	0.454	1		
				2		23.09	0.456	1		
		6		0	2	22.05	0.359	1		
		64-QAM		1	2	0	2	22.57	0.405	1
						2		22.55	0.403	1
			5			22.59		0.406	1	
			3	0	2	22.42	0.391	1		
				1		22.44	0.393	1		
				2		22.42	0.391	1		
			6	0	3	21.36	0.306	1		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 1.4MHz	CH 20175 1732.5MHz	QPSK	1	0	0	23.62	0.515	1	
				2		23.69	0.524	1	
				5		23.62	0.515	1	
			3	0	0	23.68	0.522	1	
				1		23.72	0.527	1	
				2		23.71	0.526	1	
			6	0	1	22.61	0.408	1	
			16-QAM	1	0	1	23.07	0.454	1
					2		23.13	0.460	1
		5			23.06		0.453	1	
		3		0	1	22.99	0.446	1	
				1		23.02	0.449	1	
				2		23.02	0.449	1	
		6		0	2	21.64	0.327	1	
		64-QAM		1	0	2	22.62	0.409	1
					2		22.72	0.419	1
			5		22.74		0.421	1	
			3	0	2	22.68	0.415	1	
				1		22.70	0.417	1	
				2		22.68	0.415	1	
			6	0	3	21.62	0.325	1	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 1.4MHz	CH 20393 1754.3MHz	QPSK	1	0	0	23.22	0.470	1	
				2		23.32	0.481	1	
				5		23.23	0.471	1	
			3	0	0	23.26	0.474	1	
				1		23.32	0.481	1	
				2		23.32	0.481	1	
			6	0	1	22.29	0.379	1	
			16-QAM	1	1	0	22.37	0.386	1
						2	22.44	0.393	1
		5				22.37	0.386	1	
		3		1	0	22.57	0.405	1	
					1	22.64	0.411	1	
					2	22.63	0.410	1	
		6		0	2	21.55	0.320	1	
		64-QAM		1	2	0	22.18	0.370	1
						2	22.39	0.388	1
			5			22.31	0.381	1	
			3	2	0	22.46	0.394	1	
					1	22.55	0.403	1	
					2	22.45	0.394	1	
			6	0	3	21.48	0.315	1	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 3MHz	CH 19965 1711.5MHz	QPSK	1	0	0	23.86	0.545	1	
				7		23.94	0.555	1	
				14		23.85	0.543	1	
			8	0	1	22.85	0.432	1	
				4		22.90	0.437	1	
				7		22.84	0.431	1	
			15	0	1	22.90	0.437	1	
			16-QAM	1	1	0	22.89	0.436	1
						7	22.92	0.439	1
		14				22.83	0.430	1	
		8		2	0	22.10	0.363	1	
					4	22.10	0.363	1	
					7	22.06	0.360	1	
		15		0	2	22.05	0.359	1	
		64-QAM		1	2	0	22.73	0.420	1
						7	22.70	0.417	1
			14			22.56	0.404	1	
			8	3	0	21.47	0.314	1	
					4	21.46	0.313	1	
					7	21.42	0.310	1	
			15	0	3	21.43	0.311	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 4 / 3MHz	CH 20175 1732.5MHz	QPSK	1	0	0	23.74	0.530	1				
				7		23.82	0.540	1				
				14		23.71	0.526	1				
			8	0	1	0	22.73	0.420	1			
						4	22.74	0.421	1			
						7	22.70	0.417	1			
				15		0	22.71	0.418	1			
						16-QAM	1	1	0	23.19	0.467	1
									7	23.24	0.472	1
		14	23.13	0.460	1							
		8	0	2	0	21.88	0.345	1				
					4	21.90	0.347	1				
					7	21.85	0.343	1				
			15		0	21.85	0.343	1				
					64-QAM	1	2	0	22.70	0.417	1	
								7	22.83	0.430	1	
		14	22.82	0.429				1				
		8	0	3		0		21.67	0.329	1		
						4		21.65	0.327	1		
						7		21.55	0.320	1		
		15	0		3	21.60	0.324	1				

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 4 / 3MHz	CH 20385 1753.5MHz	QPSK	1	0	0	23.36	0.485	1				
				7		23.42	0.492	1				
				14		23.29	0.478	1				
			8	0	1	0	22.38	0.387	1			
						4	22.41	0.390	1			
						7	22.36	0.385	1			
				15		0	22.42	0.391	1			
						16-QAM	1	1	0	22.52	0.400	1
									7	22.55	0.403	1
		14	22.45	0.394	1							
		8	0	2	0	21.51	0.317	1				
					4	21.52	0.318	1				
					7	21.48	0.315	1				
			15		0	21.45	0.313	1				
					64-QAM	1	2	0	22.48	0.396	1	
								7	22.50	0.398	1	
		14	22.41	0.390				1				
		8	0	3		0		21.49	0.316	1		
						4		21.47	0.314	1		
						7		21.45	0.313	1		
		15	0		3	21.42	0.310	1				

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 5MHz	CH 19975 1712.5MHz	QPSK	1	0	0	24.03	0.566	1	
				12		23.97	0.558	1	
				24		23.94	0.555	1	
			12	0	1	22.94	0.441	1	
				6		22.92	0.439	1	
				11		22.92	0.439	1	
			25	0	1	22.94	0.441	1	
			16-QAM	1	0	1	23.19	0.467	1
					12		23.11	0.458	1
		24			23.12		0.459	1	
		12		0	2	22.12	0.365	1	
				6		22.12	0.365	1	
				11		22.09	0.362	1	
		25		0	2	22.05	0.359	1	
		64-QAM		1	0	2	22.58	0.406	1
					12		22.60	0.407	1
			24		22.84		0.431	1	
			12	0	3	21.50	0.316	1	
				6		21.54	0.319	1	
				11		21.60	0.324	1	
			25	0	3	21.48	0.315	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 4 / 5MHz	CH 20175 1732.5MHz	QPSK	1	0	0	23.76	0.532	1			
				12		23.70	0.525	1			
				24		23.69	0.524	1			
			12	0	1	0	22.76	0.423	1		
						6	22.77	0.424	1		
						11	22.75	0.422	1		
				25		0	1	22.79	0.426	1	
						1	1	0	23.38	0.488	1
								12	23.32	0.481	1
		24	23.30	0.479	1						
		16-QAM	12	2	0	22.02	0.356	1			
					6	22.02	0.356	1			
					11	22.00	0.355	1			
			25		0	2	21.94	0.350	1		
					1	2	0	22.78	0.425	1	
							12	22.76	0.423	1	
		24	22.72	0.419			1				
		64-QAM	12	3	0	21.60	0.324	1			
					6	21.65	0.327	1			
					11	21.63	0.326	1			
			25		0	3	21.52	0.318	1		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 4 / 5MHz	CH 20375 1752.5MHz	QPSK	1	0	0	23.52	0.504	1				
				12		23.44	0.494	1				
				24		23.41	0.491	1				
			12	0	1	0	22.44	0.393	1			
						6	22.45	0.394	1			
						11	22.44	0.393	1			
				25		0	1	0	22.44	0.393	1	
								12	22.44	0.393	1	
								24	22.44	0.393	1	
		16-QAM	1	1	0	22.64	0.411	1				
					12	22.56	0.404	1				
					24	22.57	0.405	1				
			12		0	2	0	21.60	0.324	1		
							6	21.60	0.324	1		
							11	21.58	0.322	1		
					25		0	2	0	21.49	0.316	1
									12	21.49	0.316	1
									24	21.49	0.316	1
		64-QAM	1	2	0	22.61	0.408	1				
					12	22.52	0.400	1				
					24	22.54	0.402	1				
			12		0	3	0	21.55	0.320	1		
							6	21.57	0.321	1		
							11	21.54	0.319	1		
25	0				3		0	21.53	0.318	1		
							12	21.53	0.318	1		
							24	21.53	0.318	1		

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 10MHz	CH 20000 1715MHz	QPSK	1	0	0	23.96	0.557	1	
				24		23.84	0.542	1	
				49		23.84	0.542	1	
			25	0	1	23.00	0.447	1	
				12		22.98	0.445	1	
				24		22.91	0.438	1	
			50	0	1	22.94	0.441	1	
			16-QAM	1	1	0	22.98	0.445	1
						24	22.83	0.430	1
		49				22.83	0.430	1	
		25		2	0	22.09	0.362	1	
					12	22.07	0.361	1	
					24	22.03	0.357	1	
		50		0	2	22.05	0.359	1	
		64-QAM		1	2	0	22.58	0.406	1
						24	22.81	0.428	1
			49			22.73	0.420	1	
			25	3	0	21.48	0.315	1	
					12	21.55	0.320	1	
					24	21.46	0.313	1	
			50	0	3	21.51	0.317	1	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 10MHz	CH 20175 1732.5MHz	QPSK	1	0	0	23.89	0.548	1	
				24		23.75	0.531	1	
				49		23.70	0.525	1	
			25	0	1	22.83	0.430	1	
				12		22.80	0.427	1	
				24		22.76	0.423	1	
			50	0	1	22.78	0.425	1	
			16-QAM	1	0	1	23.28	0.476	1
					24		23.17	0.465	1
					49		23.12	0.459	1
				25	0	2	21.97	0.352	1
					12		21.95	0.351	1
		24			21.89		0.346	1	
		50		0	2	21.93	0.349	1	
		64-QAM		1	0	2	22.88	0.435	1
					24		22.75	0.422	1
					49		22.67	0.414	1
				25	0	3	21.62	0.325	1
					12		21.61	0.324	1
			24		21.57		0.321	1	
			50	0	3	21.63	0.326	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 4 / 10MHz	CH 20350 1750MHz	QPSK	1	0	0	23.51	0.502	1		
				24		23.36	0.485	1		
				49		23.34	0.483	1		
			25	0	1	0	22.48	0.396	1	
						12	22.48	0.396	1	
						24	22.40	0.389	1	
				50	0	1	0	22.46	0.394	1
							12	22.46	0.394	1
							24	22.46	0.394	1
		16-QAM	1	1	0	22.61	0.408	1		
					24	22.49	0.397	1		
					49	22.45	0.394	1		
			25	0	2	0	21.67	0.329	1	
						12	21.66	0.328	1	
						24	21.62	0.325	1	
				50	0	2	0	21.61	0.324	1
							12	21.61	0.324	1
							24	21.61	0.324	1
		64-QAM	1	2	0	22.59	0.406	1		
					24	22.45	0.394	1		
					49	22.41	0.390	1		
			25	0	3	0	21.56	0.321	1	
						12	21.64	0.327	1	
						24	21.54	0.319	1	
50	0			3	0	21.50	0.316	1		
					12	21.50	0.316	1		
					24	21.50	0.316	1		

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 15MHz	CH 20025 1717.5MHz	QPSK	1	0	0	24.10	0.575	1	
				37		23.88	0.547	1	
				74		23.81	0.538	1	
			36	0	1	22.99	0.446	1	
				19		22.92	0.439	1	
				38		22.88	0.435	1	
			75	0	1	22.93	0.440	1	
			16-QAM	1	1	0	23.09	0.456	1
						37	22.84	0.431	1
		74				22.85	0.432	1	
		36		2	0	22.10	0.363	1	
					19	22.02	0.356	1	
					38	21.99	0.354	1	
		75		0	2	22.04	0.358	1	
		64-QAM		1	2	0	22.57	0.405	1
						37	22.82	0.429	1
			74			22.73	0.420	1	
			36	3	0	21.50	0.316	1	
					19	21.58	0.322	1	
					38	21.50	0.316	1	
			75	0	3	21.52	0.318	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 15MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.01	0.564	1	
				37		24.01	0.564	1	
				74		23.76	0.532	1	
			36	0	1	22.89	0.436	1	
				19		22.82	0.429	1	
				38		22.75	0.422	1	
				75		22.79	0.426	1	
			16-QAM	1	1	0	23.42	0.492	1
						37	23.22	0.470	1
		74				23.10	0.457	1	
		36		0	2	23.10	0.457	1	
				19		21.95	0.351	1	
				38		21.90	0.347	1	
				75		21.93	0.349	1	
		64-QAM		1	2	0	22.87	0.434	1
						37	22.75	0.422	1
			74			22.66	0.413	1	
			36	0	3	21.64	0.327	1	
				19		21.64	0.327	1	
				38		21.58	0.322	1	
				75		21.62	0.325	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 15MHz	CH 20325 1747.5MHz	QPSK	1	0	0	23.85	0.543	1	
				37		23.50	0.501	1	
				74		23.47	0.498	1	
			36	0	1	22.69	0.416	1	
				19		22.53	0.401	1	
				38		22.48	0.396	1	
			75	0	1	22.60	0.407	1	
			16-QAM	1	1	0	23.16	0.463	1
						37	22.94	0.441	1
		74				22.89	0.436	1	
		36		2	0	21.76	0.336	1	
					19	21.60	0.324	1	
					38	21.53	0.318	1	
		75		0	2	21.70	0.331	1	
		64-QAM		1	2	0	22.82	0.429	1
						37	22.71	0.418	1
			74			22.75	0.422	1	
			36	3	0	21.56	0.321	1	
					19	21.57	0.321	1	
					38	21.51	0.317	1	
			75	0	3	21.49	0.316	1	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 20MHz	CH 20050 1720MHz	QPSK	1	0	0	24.05	0.569	1	
				49		23.82	0.540	1	
				99		23.79	0.536	1	
			50	0	1	23.02	0.449	1	
				25		22.92	0.439	1	
				49		22.87	0.434	1	
			100	0	1	22.92	0.439	1	
			16-QAM	1	1	0	23.69	0.524	1
						49	23.44	0.494	1
		99				23.41	0.491	1	
		50		2	0	22.17	0.369	1	
					25	22.06	0.360	1	
					49	22.01	0.356	1	
		100		0	2	22.06	0.360	1	
		64-QAM		1	2	0	22.59	0.406	1
						49	22.85	0.432	1
			99			22.70	0.417	1	
			50	3	0	21.46	0.313	1	
					25	21.54	0.319	1	
					49	21.48	0.315	1	
			100	0	3	21.55	0.320	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 20MHz	CH 20175 1732.5MHz	QPSK	1	0	0	23.99	0.561	1	
				49		23.72	0.527	1	
				99		23.68	0.522	1	
			50	0	1	22.91	0.438	1	
				25		22.83	0.430	1	
				49		22.76	0.423	1	
			100	0	1	22.83	0.430	1	
			16-QAM	1	1	0	23.52	0.504	1
						49	23.24	0.472	1
		99				23.13	0.460	1	
		50		2	0	22.05	0.359	1	
					25	21.97	0.352	1	
					49	21.88	0.345	1	
		100		0	2	21.93	0.349	1	
		64-QAM		1	2	0	22.87	0.434	1
						49	22.79	0.426	1
			99			22.67	0.414	1	
			50	3	0	21.66	0.328	1	
					25	21.60	0.324	1	
					49	21.58	0.322	1	
			100	0	3	21.60	0.324	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 4 / 20MHz	CH 20300 1745MHz	QPSK	1	0	0	23.84	0.542	1	
				49		23.48	0.499	1	
				99		23.41	0.491	1	
			50	0	1	22.76	0.423	1	
				25		22.68	0.415	1	
				49		22.52	0.400	1	
			100	0	1	22.65	0.412	1	
			16-QAM	1	1	0	23.31	0.480	1
						49	22.94	0.441	1
		99				22.89	0.436	1	
		50		2	0	21.84	0.342	1	
					25	21.76	0.336	1	
					49	21.60	0.324	1	
		100		0	2	21.76	0.336	1	
		64-QAM		1	2	0	22.81	0.428	1
						49	22.69	0.416	1
			99			22.75	0.422	1	
			50	3	0	21.54	0.319	1	
					25	21.62	0.325	1	
					49	21.53	0.318	1	
			100	0	3	21.48	0.315	1	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 1.4MHz	CH 20407 824.7MHz	QPSK	1	0	0	23.56	0.195	7	
				2		23.63	0.199	7	
				5		23.55	0.195	7	
			3	0	0	23.50	0.193	7	
				1		23.57	0.196	7	
				2		23.59	0.197	7	
			6	0	1	22.53	0.154	7	
			16-QAM	1	1	0	22.68	0.160	7
						2	22.70	0.160	7
		5				22.65	0.158	7	
		3		1	0	22.62	0.157	7	
					1	22.69	0.160	7	
					2	22.69	0.160	7	
		6		0	2	21.75	0.129	7	
		64-QAM		1	2	0	22.64	0.158	7
						2	22.62	0.157	7
			5			22.64	0.158	7	
			3	2	0	22.48	0.152	7	
					1	22.54	0.155	7	
					2	22.51	0.153	7	
			6	0	3	21.42	0.119	7	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 1.4MHz	CH 20525 836.5MHz	QPSK	1	0	0	23.83	0.208	7	
				2		23.89	0.211	7	
				5		23.82	0.207	7	
			3	0	0	23.84	0.208	7	
				1		23.88	0.210	7	
				2		23.86	0.209	7	
			6	0	1	22.83	0.165	7	
			16-QAM	1	1	0	23.27	0.183	7
						2	23.30	0.184	7
		5				23.23	0.181	7	
		3		1	0	23.09	0.175	7	
					1	23.12	0.177	7	
					2	23.12	0.177	7	
		6		0	2	21.81	0.131	7	
		64-QAM		1	2	0	22.72	0.161	7
						2	22.81	0.164	7
			5			22.84	0.166	7	
			3	2	0	22.76	0.163	7	
					1	22.77	0.163	7	
					2	22.76	0.163	7	
			6	0	3	21.71	0.128	7	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 1.4MHz	CH 20643 848.3MHz	QPSK	1	0	0	23.66	0.200	7	
				2		23.74	0.204	7	
				5		23.65	0.200	7	
			3	0	0	23.68	0.201	7	
				1		23.74	0.204	7	
				2		23.75	0.204	7	
			6	0	1	22.77	0.163	7	
			16-QAM	1	1	0	22.84	0.166	7
						2	22.87	0.167	7
		5				22.83	0.165	7	
		3		1	0	22.96	0.170	7	
					1	23.02	0.173	7	
					2	23.01	0.172	7	
		6		0	2	22.01	0.137	7	
		64-QAM		1	2	0	22.81	0.164	7
						2	22.61	0.157	7
			5			22.77	0.163	7	
			3	2	0	22.56	0.155	7	
					1	22.60	0.157	7	
					2	22.52	0.154	7	
			6	0	3	21.54	0.123	7	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP					
Band 5 / 3MHz	CH 20415 825.5MHz	QPSK	1	0	0	23.65	0.200	7					
				7		23.79							
				14		23.68							
			8	0	1	1	0	22.72	0.161	7			
							4	22.73					
							7	22.70					
				15		0	1	1	0	22.73	0.161	7	
									7	23.01			
									14	23.10			
		16-QAM	1	1	1	0	23.01	0.172	7				
						7	23.02						
						14	23.10						
			8		0	2	2	0	21.85	0.132	7		
								4	21.89				
								7	21.85				
					15		0	2	2	0	21.87	0.132	7
										7	22.81		
										14	22.62		
		64-QAM	1	2	2	0	22.81	0.164	7				
						7	22.77						
						14	22.62						
			8		0	3	3	0	21.53	0.122	7		
								4	21.53				
								7	21.52				
15	0				3		3	0	21.50	0.122	7		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 3MHz	CH 20525 836.5MHz	QPSK	1	0	0	23.86	0.209	7	
				7		23.93	0.213	7	
				14		23.84	0.208	7	
			8	0	1	22.93	0.169	7	
				4		22.95	0.170	7	
				7		22.89	0.167	7	
			15	0	1	22.95	0.170	7	
			16-QAM	1	1	0	23.02	0.173	7
						7	23.15	0.178	7
		14				22.98	0.171	7	
		8		2	0	22.03	0.137	7	
					4	22.03	0.137	7	
					7	21.99	0.136	7	
		15		0	2	21.98	0.136	7	
		64-QAM		1	2	0	22.79	0.164	7
						7	22.91	0.168	7
			14			22.90	0.168	7	
			8	3	0	21.74	0.129	7	
					4	21.71	0.128	7	
					7	21.64	0.126	7	
			15	0	3	21.70	0.127	7	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP		
Band 5 / 3MHz	CH 20635 847.5MHz	QPSK	1	0	0	23.82	0.207	7		
				7		23.84	0.208	7		
				14		23.76	0.205	7		
			8	4	1	0	22.84	0.166	7	
						7	22.88	0.167	7	
						14	22.81	0.164	7	
				15	0	1	0	22.84	0.166	7
							7	22.78	0.163	7
							14	22.84	0.166	7
		16-QAM	8	4	2	0	22.02	0.137	7	
						7	22.03	0.137	7	
						14	21.98	0.136	7	
				15	0	2	0	21.96	0.135	7
							7	22.75	0.162	7
							14	22.81	0.164	7
			64-QAM	8	3	0	21.66	0.126	7	
						7	21.74	0.129	7	
						14	21.60	0.124	7	
		15		0	3	0	21.61	0.125	7	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 5MHz	CH 20425 826.5MHz	QPSK	1	0	0	23.71	0.202	7	
				12		23.74	0.204	7	
				24		23.81	0.207	7	
			12	0	1	22.76	0.163	7	
				6		22.77	0.163	7	
				11		22.83	0.165	7	
			25	0	1	22.77	0.163	7	
			16-QAM	1	0	1	22.83	0.165	7
					12		22.85	0.166	7
		24			22.94		0.169	7	
		12		0	2	21.88	0.133	7	
				6		21.89	0.133	7	
				11		21.98	0.136	7	
		25		0	2	21.77	0.129	7	
		64-QAM		1	0	2	22.67	0.159	7
					12		22.70	0.160	7
			24		22.93		0.169	7	
			12	0	3	21.56	0.123	7	
				6		21.60	0.124	7	
				11		21.66	0.126	7	
			25	0	3	21.54	0.123	7	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 5MHz	CH 20525 836.5MHz	QPSK	1	0	0	24.05	0.219	7	
				12		23.98	0.215	7	
				24		23.97	0.215	7	
			12	0	1	22.92	0.169	7	
				6		22.98	0.171	7	
				11		22.95	0.170	7	
			25	0	1	22.97	0.171	7	
			16-QAM	1	1	0	23.19	0.179	7
						12	23.09	0.175	7
		24				23.06	0.174	7	
		12		2	0	22.09	0.139	7	
					6	22.13	0.141	7	
					11	22.06	0.138	7	
		25		0	2	22.05	0.138	7	
		64-QAM		1	2	0	22.87	0.167	7
						12	22.82	0.165	7
			24			22.77	0.163	7	
			12	3	0	21.70	0.127	7	
					6	21.74	0.129	7	
					11	21.69	0.127	7	
			25	0	3	21.61	0.125	7	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 5MHz	CH 20625 846.5MHz	QPSK	1	0	0	23.88	0.210	7	
				12		23.82	0.207	7	
				24		23.83	0.208	7	
			12	0	1	22.90	0.168	7	
				6		22.93	0.169	7	
				11		22.91	0.168	7	
			25	0	1	22.95	0.170	7	
			16-QAM	1	1	0	23.44	0.190	7
						12	23.40	0.188	7
		24				23.37	0.187	7	
		12		2	0	22.10	0.140	7	
					6	22.13	0.141	7	
					11	22.11	0.140	7	
		25		0	2	22.04	0.138	7	
		64-QAM		1	2	0	22.82	0.165	7
						12	22.81	0.164	7
			24			22.91	0.168	7	
			12	3	0	21.70	0.127	7	
					6	21.64	0.126	7	
					11	21.59	0.124	7	
			25	0	3	21.61	0.125	7	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 10MHz	CH 20450 829MHz	QPSK	1	0	0	23.70	0.202	7	
				24		23.78	0.206	7	
				49		23.88	0.210	7	
			25	0	1	22.76	0.163	7	
				12		22.83	0.165	7	
				24		22.88	0.167	7	
			50	0	1	22.80	0.164	7	
			16-QAM	1	0	1	23.04	0.173	7
					24		23.18	0.179	7
		49			23.26		0.182	7	
		25		0	2	21.87	0.132	7	
				12		21.97	0.136	7	
				24		22.01	0.137	7	
		50		0	2	21.89	0.133	7	
		64-QAM		1	0	2	22.65	0.158	7
					24		22.92	0.169	7
			49		22.80		0.164	7	
			25	0	3	21.56	0.123	7	
				12		21.63	0.125	7	
				24		21.56	0.123	7	
			50	0	3	21.61	0.125	7	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 10MHz	CH 20525 836.5MHz	QPSK	1	0	0	23.95	0.214	7	
				24		23.92	0.212	7	
				49		23.88	0.210	7	
			25	0	1	22.98	0.171	7	
				12		22.97	0.171	7	
				24		22.95	0.170	7	
			50	0	1	22.95	0.170	7	
			16-QAM	1	0	1	23.94	0.213	7
					24		23.93	0.213	7
					49		22.88	0.167	7
				25	0	2	22.13	0.141	7
					12		22.14	0.141	7
		24			22.04		0.138	7	
		50		0	2	22.03	0.137	7	
		64-QAM		1	0	2	22.96	0.170	7
					24		22.84	0.166	7
					49		22.74	0.162	7
				25	0	3	21.71	0.128	7
					12		21.70	0.127	7
			24		21.64		0.126	7	
			50	0	3	21.70	0.127	7	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 5 / 10MHz	CH 20600 844MHz	QPSK	1	0	0	23.89	0.211	7	
				24		23.84	0.208	7	
				49		23.82	0.207	7	
			25	0	1	22.86	0.166	7	
				12		22.97	0.171	7	
				24		22.91	0.168	7	
			50	0	1	22.84	0.166	7	
			16-QAM	1	0	1	22.93	0.169	7
					24		22.91	0.168	7
					49		22.94	0.169	7
				25	0	2	22.05	0.138	7
					12		22.13	0.141	7
		24			22.06		0.138	7	
		50		0	2	21.96	0.135	7	
		64-QAM		1	0	2	22.88	0.167	7
					24		22.78	0.163	7
					49		22.81	0.164	7
				25	0	3	21.63	0.125	7
					12		21.70	0.127	7
			24		21.61		0.125	7	
			50	0	3	21.56	0.123	7	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 7		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 5MHz	CH 20775 2502.5MHz	QPSK	1	0	0	23.89	0.489	2	
				12		23.76	0.474	2	
				24		23.85	0.484	2	
			12	0	1	22.90	0.389	2	
				6		22.96	0.394	2	
				11		22.87	0.386	2	
			25	0	1	22.81	0.381	2	
			16-QAM	1	0	1	23.36	0.433	2
					12		23.45	0.442	2
		24			23.41		0.438	2	
		12		0	2	21.95	0.313	2	
				6		22.06	0.321	2	
				11		21.97	0.314	2	
		25		0	2	21.94	0.312	2	
		64-QAM		1	0	2	21.80	0.302	2
					12		21.84	0.305	2
			24		21.83		0.304	2	
			12	0	3	20.57	0.228	2	
				6		20.58	0.228	2	
				11		20.52	0.225	2	
			25	0	3	20.52	0.225	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 5MHz	CH 21100 2535MHz	QPSK	1	0	0	23.90	0.490	2	
				12		23.94	0.494	2	
				24		23.99	0.500	2	
			12	0	1	23.01	0.399	2	
				6		22.98	0.396	2	
				11		22.95	0.394	2	
			25	0	1	22.96	0.394	2	
			16-QAM	1	1	0	23.09	0.406	2
						12	23.20	0.417	2
		24				23.38	0.435	2	
		12		2	0	22.07	0.321	2	
					6	22.14	0.327	2	
					11	22.03	0.318	2	
		25		0	2	22.11	0.324	2	
		64-QAM		1	2	0	21.71	0.296	2
						12	21.67	0.293	2
			24			21.73	0.297	2	
			12	3	0	20.54	0.226	2	
					6	20.51	0.224	2	
					11	20.47	0.222	2	
			25	0	3	20.51	0.224	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 5MHz	CH 21425 2567.5MHz	QPSK	1	0	0	23.85	0.484	2	
				12		23.90	0.490	2	
				24		23.85	0.484	2	
			12	0	1	22.88	0.387	2	
				6		22.94	0.393	2	
				11		22.89	0.388	2	
			25	0	1	22.85	0.385	2	
			16-QAM	1	1	0	23.46	0.443	2
						12	23.27	0.424	2
		24				23.44	0.441	2	
		12		2	0	22.06	0.321	2	
					6	22.08	0.322	2	
					11	21.99	0.316	2	
		25		0	2	22.00	0.316	2	
		64-QAM		1	2	0	21.60	0.288	2
						12	21.66	0.292	2
			24			21.62	0.290	2	
			12	3	0	21.37	0.274	2	
					6	20.47	0.222	2	
					11	20.34	0.216	2	
			25	0	3	20.39	0.218	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 7		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 10MHz	CH 20800 2505MHz	QPSK	1	0	0	23.77	0.475	2	
				24		23.83	0.482	2	
				49		23.81	0.480	2	
			25	0	1	22.88	0.387	2	
				12		22.86	0.385	2	
				24		22.83	0.383	2	
			50	0	1	22.89	0.388	2	
			16-QAM	1	0	1	23.04	0.402	2
					24		23.07	0.405	2
		49			22.94		0.393	2	
		25		0	2	21.99	0.316	2	
				12		21.92	0.310	2	
				24		21.93	0.311	2	
		50		0	2	21.95	0.313	2	
		64-QAM		1	0	2	21.80	0.302	2
					24		21.72	0.296	2
			49		21.77		0.300	2	
			25	0	3	20.47	0.222	2	
				12		20.41	0.219	2	
				24		20.38	0.218	2	
			50	0	3	20.44	0.221	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 10MHz	CH 21100 2535MHz	QPSK	1	0	0	23.91	0.491	2	
				24		24.04	0.506	2	
				49		23.96	0.497	2	
			25	0	1	22.96	0.394	2	
				12		22.94	0.393	2	
				24		22.99	0.397	2	
			50	0	1	22.94	0.393	2	
			16-QAM	1	0	1	23.38	0.435	2
					24		23.53	0.450	2
					49		23.46	0.443	2
				25	0	2	22.10	0.324	2
					12		22.07	0.321	2
		24			22.00		0.316	2	
		50		0	2	22.02	0.318	2	
		64-QAM		1	0	2	21.86	0.306	2
					24		21.81	0.303	2
					49		21.53	0.284	2
				25	0	3	20.50	0.224	2
					12		20.45	0.221	2
			24		20.36		0.217	2	
			50	0	3	20.45	0.221	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 10MHz	CH 21400 2565MHz	QPSK	1	0	0	23.86	0.485	2	
				24		23.95	0.495	2	
				49		23.85	0.484	2	
			25	0	1	22.84	0.384	2	
				12		22.87	0.386	2	
				24		22.92	0.391	2	
			50	0	1	22.85	0.385	2	
			16-QAM	1	0	1	23.13	0.410	2
					24		23.20	0.417	2
		49			23.45		0.442	2	
		25		0	2	21.93	0.311	2	
				12		21.99	0.316	2	
				24		22.01	0.317	2	
		50		0	2	21.97	0.314	2	
		64-QAM		1	0	2	21.76	0.299	2
					24		21.77	0.300	2
			49		21.61		0.289	2	
			25	0	3	20.33	0.215	2	
				12		20.30	0.214	2	
				24		20.31	0.214	2	
			50	0	3	20.24	0.211	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 7		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 15MHz	CH 20825 2507.5MHz	QPSK	1	0	0	23.95	0.495	2	
				37		23.73	0.471	2	
				74		23.82	0.481	2	
			36	0	1	22.94	0.393	2	
				19		22.88	0.387	2	
				38		22.89	0.388	2	
			75	0	1	22.88	0.387	2	
			16-QAM	1	1	0	23.51	0.448	2
						37	23.37	0.434	2
		74				23.39	0.436	2	
		36		2	0	22.04	0.319	2	
					19	22.06	0.321	2	
					38	21.96	0.313	2	
		75		0	2	22.03	0.318	2	
		64-QAM		1	2	0	21.73	0.297	2
						37	21.70	0.295	2
			74			21.80	0.302	2	
			36	3	0	20.57	0.228	2	
					19	20.53	0.225	2	
					38	20.41	0.219	2	
			75	0	3	20.47	0.222	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 15MHz	CH 21100 2535MHz	QPSK	1	0	0	23.73	0.471	2	
				37		23.78	0.476	2	
				74		23.77	0.475	2	
			36	0	1	22.85	0.385	2	
				19		22.82	0.382	2	
				38		22.80	0.380	2	
			75	0	1	22.81	0.381	2	
			16-QAM	1	1	0	23.30	0.427	2
						37	23.35	0.432	2
		74				23.22	0.419	2	
		36		12	0	21.92	0.310	2	
					19	21.94	0.312	2	
					38	21.88	0.308	2	
		75		0	2	21.89	0.308	2	
		64-QAM		1	2	0	21.87	0.307	2
						37	21.78	0.301	2
			74			21.63	0.290	2	
			36	3	0	20.52	0.225	2	
					19	20.52	0.225	2	
					38	20.45	0.221	2	
			75	0	3	20.52	0.225	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 15MHz	CH 21375 2562.5MHz	QPSK	1	0	0	23.79	0.478	2	
				37		23.66	0.463	2	
				74		23.73	0.471	2	
			36	0	1	22.73	0.374	2	
				19		22.77	0.378	2	
				38		22.66	0.368	2	
			75	0	1	22.72	0.373	2	
			16-QAM	1	1	0	23.18	0.415	2
						37	23.13	0.410	2
		74				23.21	0.418	2	
		36		2	0	21.88	0.308	2	
					19	21.85	0.305	2	
					38	21.74	0.298	2	
		75		0	2	21.82	0.303	2	
		64-QAM		1	2	0	21.73	0.297	2
						37	21.64	0.291	2
			74			21.61	0.289	2	
			36	3	0	20.43	0.220	2	
					19	20.37	0.217	2	
					38	20.28	0.213	2	
			75	0	3	20.33	0.215	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 7		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 20MHz	CH 20850 2510MHz	QPSK	1	0	0	23.99	0.500	2	
				49		23.85	0.484	2	
				99		23.87	0.486	2	
			50	0	1	22.93	0.392	2	
				25		22.94	0.393	2	
				49		22.82	0.382	2	
			100	0	1	22.96	0.394	2	
			16-QAM	1	0	1	23.42	0.439	2
					49		23.38	0.435	2
		99			23.41		0.438	2	
		50		0	2	21.96	0.313	2	
				25		22.05	0.320	2	
				49		21.93	0.311	2	
		100		0	2	21.94	0.312	2	
		64-QAM		1	0	2	21.85	0.305	2
					49		21.84	0.305	2
			99		21.76		0.299	2	
			50	0	3	20.59	0.229	2	
				25		20.51	0.224	2	
				49		20.43	0.220	2	
			100	0	3	20.51	0.224	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 20MHz	CH 21100 2535MHz	QPSK	1	0	0	23.76	0.474	2	
				49		23.85	0.484	2	
				99		23.75	0.473	2	
			50	0	1	22.83	0.383	2	
				25		22.83	0.383	2	
				49		22.78	0.378	2	
			100	0	1	22.77	0.378	2	
			16-QAM	1	1	0	23.32	0.429	2
						49	23.29	0.426	2
		99				23.24	0.421	2	
		50		2	0	21.99	0.316	2	
					25	21.94	0.312	2	
					49	21.87	0.307	2	
		100		0	2	21.92	0.310	2	
		64-QAM		1	2	0	21.75	0.299	2
						49	21.71	0.296	2
			99			21.62	0.290	2	
			50	3	0	20.61	0.230	2	
					25	20.53	0.225	2	
					49	20.41	0.219	2	
			100	0	3	20.50	0.224	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 7 / 20MHz	CH 21350 2560MHz	QPSK	1	0	0	23.92	0.492	2	
				49		23.75	0.473	2	
				99		23.73	0.471	2	
			50	0	1	22.79	0.379	2	
				25		22.71	0.372	2	
				49		22.67	0.369	2	
			100	0	1	22.77	0.378	2	
			16-QAM	1	1	0	23.41	0.438	2
						49	23.22	0.419	2
		99				23.34	0.431	2	
		50		2	0	21.85	0.305	2	
					25	21.88	0.308	2	
					49	21.82	0.303	2	
		100		0	2	21.83	0.304	2	
		64-QAM		1	2	0	21.80	0.302	2
						49	21.69	0.294	2
			99			21.63	0.290	2	
			50	3	0	20.44	0.221	2	
					25	20.42	0.220	2	
					49	20.20	0.209	2	
			100	0	3	20.32	0.215	2	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 5: LTE Band 12		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 1.4MHz	CH 23017 699.7MHz	QPSK	1	0	0	23.37	0.187	3	
				2		23.42	0.189	3	
				5		23.39	0.188	3	
			3	0	0	23.33	0.185	3	
				1		23.40	0.188	3	
				2		23.39	0.188	3	
			6	0	1	22.34	0.148	3	
			16-QAM	1	0	1	22.51	0.153	3
					2		22.57	0.156	3
		5			22.56		0.155	3	
		3		0	1	22.50	0.153	3	
				1		22.57	0.156	3	
				2		22.57	0.156	3	
		6		0	2	21.44	0.120	3	
		64-QAM		1	0	2	21.72	0.128	3
					2		21.84	0.132	3
			5		21.73		0.128	3	
			3	0	2	21.60	0.124	3	
				1		21.62	0.125	3	
				2		21.61	0.125	3	
			6	0	3	20.51	0.097	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 1.4MHz	CH 23097 707.5MHz	QPSK	1	0	0	23.18	0.179	3	
				2		23.26	0.182	3	
				5		23.18	0.179	3	
			3	0	0	23.21	0.180	3	
				1		23.29	0.184	3	
				2		23.28	0.183	3	
			6	0	1	22.17	0.142	3	
			16-QAM	1	0	1	22.58	0.156	3
					2		22.65	0.158	3
		5			22.61		0.157	3	
		3		0	1	22.39	0.149	3	
				1		22.49	0.153	3	
				2		22.46	0.152	3	
		6		0	2	21.18	0.113	3	
		64-QAM		1	0	2	21.70	0.127	3
					2		21.61	0.125	3
			5		21.70		0.127	3	
			3	0	2	21.45	0.120	3	
				1		21.56	0.123	3	
				2		21.58	0.124	3	
			6	0	3	20.46	0.096	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 1.4MHz	CH 23173 715.3MHz	QPSK	1	0	0	22.90	0.168	3	
				2		22.99	0.171	3	
				5		22.91	0.168	3	
			3	0	0	22.93	0.169	3	
				1		23.02	0.173	3	
				2		23.01	0.172	3	
			6	0	1	21.98	0.136	3	
			16-QAM	1	1	0	22.09	0.139	3
						2	22.12	0.140	3
		5				22.08	0.139	3	
		3		1	0	22.23	0.144	3	
					1	22.31	0.147	3	
					2	22.22	0.144	3	
		6		0	2	21.23	0.114	3	
		64-QAM		1	2	0	21.70	0.127	3
						2	21.61	0.125	3
			5			21.70	0.127	3	
			3	2	0	21.45	0.120	3	
					1	21.56	0.123	3	
					2	21.58	0.124	3	
			6	0	3	20.46	0.096	3	

Product	LM960		
Test Item	RF Output Power		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP				
Band 12 / 3MHz	CH 23025 700.5MHz	QPSK	1	0	0	23.38	0.187	3				
				7		23.44	0.190	3				
				14		23.37	0.187	3				
			8	0	1	0	22.40	0.150	3			
						4	22.44	0.151	3			
						7	22.37	0.149	3			
				15		0	22.40	0.150	3			
						16-QAM	1	1	0	22.41	0.150	3
									7	22.46	0.152	3
		14	22.32	0.147	3							
		8	0	2	0	21.60	0.124	3				
					4	21.62	0.125	3				
					7	21.57	0.124	3				
			15		0	21.53	0.122	3				
					64-QAM	1	2	0	21.85	0.132	3	
								7	21.70	0.127	3	
		14	21.72	0.128				3				
		8	3	0		20.54		0.097	3			
				4		20.56		0.098	3			
				7		20.46		0.096	3			
		15	0	3	20.50	0.097	3					

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 3MHz	CH 23095 707.5MHz	QPSK	1	0	0	23.28	0.183	3	
				7		23.34	0.186	3	
				14		23.24	0.182	3	
			8	0	1	22.27	0.145	3	
				4		22.25	0.145	3	
				7		22.23	0.144	3	
			15	0	1	22.26	0.145	3	
			16-QAM	1	1	0	22.70	0.160	3
						7	22.73	0.161	3
		14				22.69	0.160	3	
		8		2	0	21.40	0.119	3	
					4	21.44	0.120	3	
					7	21.39	0.119	3	
		15		0	2	21.37	0.118	3	
		64-QAM		1	2	0	21.81	0.131	3
						7	21.79	0.130	3
			14			21.76	0.129	3	
			8	3	0	20.46	0.096	3	
					4	20.41	0.095	3	
					7	20.47	0.096	3	
			15	0	3	20.42	0.095	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 3MHz	CH 23165 714.5MHz	QPSK	1	0	0	23.03	0.173	3	
				7		23.09	0.175	3	
				14		22.98	0.171	3	
			8	0	1	22.09	0.139	3	
				4		22.10	0.140	3	
				7		22.03	0.137	3	
			15	0	1	22.08	0.139	3	
			16-QAM	1	1	0	22.21	0.143	3
						7	22.19	0.143	3
		14				22.02	0.137	3	
		8		2	0	21.21	0.114	3	
					4	21.24	0.115	3	
					7	21.17	0.113	3	
		15		0	2	21.16	0.112	3	
		64-QAM		1	2	0	21.62	0.125	3
						7	21.67	0.126	3
			14			21.67	0.126	3	
			8	3	0	20.32	0.093	3	
					4	20.38	0.094	3	
					7	20.23	0.091	3	
			15	0	3	20.24	0.091	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 5: LTE Band 12		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 5MHz	CH 23035 701.5MHz	QPSK	1	0	0	23.32	0.185	3	
				12		23.28	0.183	3	
				24		23.24	0.182	3	
			12	0	1	22.30	0.146	3	
				6		22.29	0.146	3	
				11		22.24	0.144	3	
			25	0	1	22.28	0.146	3	
			16-QAM	1	0	1	22.50	0.153	3
					12		22.42	0.150	3
		24			22.41		0.150	3	
		12		0	2	21.44	0.120	3	
				6		21.44	0.120	3	
				11		21.43	0.120	3	
		25		0	2	21.34	0.117	3	
		64-QAM		1	0	2	21.88	0.133	3
					12		21.70	0.127	3
			24		21.82		0.131	3	
			12	0	3	20.52	0.097	3	
				6		20.51	0.097	3	
				11		20.48	0.096	3	
			25	0	3	20.50	0.097	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 5MHz	CH 23095 707.5MHz	QPSK	1	0	0	23.27	0.183	3	
				12		23.22	0.181	3	
				24		23.21	0.180	3	
			12	0	1	22.14	0.141	3	
				6		22.17	0.142	3	
				11		22.13	0.141	3	
			25	0	1	22.17	0.142	3	
			16-QAM	1	0	1	22.41	0.150	3
					12		22.30	0.146	3
		24			22.36		0.148	3	
		12		0	2	21.36	0.118	3	
				6		21.34	0.117	3	
				11		21.33	0.117	3	
		25		0	2	21.28	0.116	3	
		64-QAM		1	0	2	21.74	0.129	3
					12		21.78	0.130	3
			24		21.60		0.124	3	
			12	0	3	20.50	0.097	3	
				6		20.47	0.096	3	
				11		20.41	0.095	3	
			25	0	3	20.47	0.096	3	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 5MHz	CH 23155 713.5MHz	QPSK	1	0	0	23.06	0.174	3	
				12		22.90	0.168	3	
				24		22.93	0.169	3	
			12	0	1	22.09	0.139	3	
				6		22.03	0.137	3	
				11		22.01	0.137	3	
			25	0	1	22.13	0.141	3	
			16-QAM	1	1	0	22.68	0.160	3
						12	22.53	0.154	3
		24				22.44	0.151	3	
		12		2	0	21.35	0.117	3	
					6	21.25	0.115	3	
					11	21.22	0.114	3	
		25		0	2	21.22	0.114	3	
		64-QAM		1	2	0	21.64	0.126	3
						12	21.72	0.128	3
			24			21.61	0.125	3	
			12	3	0	20.43	0.095	3	
					6	20.33	0.093	3	
					11	20.26	0.091	3	
			25	0	3	20.39	0.094	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 5: LTE Band 12		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 10MHz	CH 23060 704MHz	QPSK	1	0	0	23.29	0.184	3	
				24		23.14	0.177	3	
				49		23.09	0.175	3	
			25	0	1	22.24	0.144	3	
				12		22.23	0.144	3	
				24		22.17	0.142	3	
			50	0	1	22.20	0.143	3	
			16-QAM	1	1	0	22.42	0.150	3
						24	22.23	0.144	3
		49				22.22	0.144	3	
		25		2	0	21.40	0.119	3	
					12	21.41	0.119	3	
					24	21.34	0.117	3	
		50		0	2	21.32	0.117	3	
		64-QAM		1	2	0	21.86	0.132	3
						24	21.87	0.132	3
			49			21.73	0.128	3	
			25	3	0	20.53	0.097	3	
					12	20.51	0.097	3	
					24	20.43	0.095	3	
			50	0	3	20.47	0.096	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 10MHz	CH 23095 707.5MHz	QPSK	1	0	0	23.22	0.181	3	
				24		23.10	0.176	3	
				49		23.09	0.175	3	
			25	0	1	22.21	0.143	3	
				12		22.20	0.143	3	
				24		22.17	0.142	3	
			50	0	1	22.19	0.143	3	
			16-QAM	1	1	0	22.24	0.144	3
						24	22.06	0.138	3
		49				22.07	0.139	3	
		25		2	0	21.31	0.116	3	
					12	21.29	0.116	3	
					24	21.26	0.115	3	
		50		0	2	21.27	0.115	3	
		64-QAM		1	2	0	21.75	0.129	3
						24	21.79	0.130	3
			49			21.53	0.122	3	
			25	3	0	20.56	0.098	3	
					12	20.49	0.096	3	
					24	20.47	0.096	3	
			50	0	3	20.41	0.095	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 12 / 10MHz	CH 23130 711MHz	QPSK	1	0	0	23.22	0.181	3	
				24		23.10	0.176	3	
				49		22.97	0.171	3	
			25	0	1	22.16	0.142	3	
				12		22.14	0.141	3	
				24		22.09	0.139	3	
			50	0	1	22.13	0.141	3	
			16-QAM	1	0	1	22.63	0.158	3
					24		22.50	0.153	3
		49			22.36		0.148	3	
		25		0	2	21.29	0.116	3	
				12		21.28	0.116	3	
				24		21.24	0.115	3	
		50		0	2	21.22	0.114	3	
		64-QAM		1	0	2	21.74	0.129	3
					24		21.71	0.128	3
			49		21.55		0.123	3	
			25	0	3	20.45	0.095	3	
				12		20.46	0.096	3	
				24		20.37	0.094	3	
			50	0	3	20.40	0.094	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 6: LTE Band 13		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 13 / 5MHz	CH 23205 779.5MHz	QPSK	1	0	0	23.03	0.173	3	
				12		23.09	0.175	3	
				24		23.15	0.178	3	
			12	0	1	22.06	0.138	3	
				6		22.08	0.139	3	
				11		22.14	0.141	3	
			25	0	1	22.06	0.138	3	
			16-QAM	1	0	1	22.18	0.142	3
					12		22.24	0.144	3
		24			22.31		0.147	3	
		12		0	2	21.18	0.113	3	
				6		21.20	0.114	3	
				11		21.24	0.115	3	
		25		0	2	21.08	0.110	3	
		64-QAM		1	0	2	21.47	0.121	3
					12		21.54	0.123	3
			24		21.58		0.124	3	
			12	0	3	20.21	0.090	3	
				6		20.20	0.090	3	
				11		20.25	0.091	3	
			25	0	3	20.22	0.091	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 13 / 5MHz	CH 23230 782MHz	QPSK	1	0	0	23.14	0.177	3	
				12		23.19	0.179	3	
				24		23.23	0.181	3	
			12	0	1	22.12	0.140	3	
				6		22.16	0.142	3	
				11		22.13	0.141	3	
			25	0	1	22.13	0.141	3	
			16-QAM	1	0	1	22.28	0.146	3
					12		22.32	0.147	3
		24			22.37		0.149	3	
		12		0	2	21.28	0.116	3	
				6		21.31	0.116	3	
				11		21.27	0.115	3	
		25		0	2	21.22	0.114	3	
		64-QAM		1	0	2	21.62	0.125	3
					12		21.61	0.125	3
			24		21.51		0.122	3	
			12	0	3	20.26	0.091	3	
				6		20.31	0.092	3	
				11		20.19	0.090	3	
			25	0	3	20.21	0.090	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 13 / 5MHz	CH 23255 784.5MHz	QPSK	1	0	0	23.12	0.177	3	
				12		23.18	0.179	3	
				24		23.21	0.180	3	
			12	0	1	22.16	0.142	3	
				6		22.15	0.141	3	
				11		22.25	0.145	3	
			25	0	1	22.12	0.140	3	
			16-QAM	1	0	1	22.71	0.161	3
					12		22.77	0.163	3
					24		22.78	0.163	3
				12	0	2	21.33	0.117	3
					6		21.35	0.117	3
		11			21.46		0.121	3	
		25		0	2	21.27	0.115	3	
		64-QAM		1	0	2	21.51	0.122	3
					12		21.62	0.125	3
					24		21.69	0.127	3
				12	0	3	20.24	0.091	3
					6		20.27	0.092	3
			11		20.32		0.093	3	
			25	0	3	20.20	0.090	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 6: LTE Band 13		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP		
Band 13 / 10MHz	CH 23230 782MHz	QPSK	1	0	0	22.94	0.169	3		
				24		23.12				
				49		23.23				
			25	0	1	22.05	0.138	3		
				12		22.17				
				24		22.14				
			50	0	1	22.13	0.141	3		
			16-QAM	1	1	0	1	22.36	0.148	3
						24		22.53		
		49				22.59				
		25		0	2	21.16	0.112	3		
				12		21.26				
				24		21.22				
		50		0	2	21.22	0.114	3		
		64-QAM		1	2	0	2	21.40	0.119	3
						24		21.54		
			49			21.51				
			25	0	3	20.22	0.091	3		
				12		20.32				
				24		20.27				
			50	0	3	20.26	0.091	3		



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 14		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 14 / 5MHz	CH 23305 790.5MHz	QPSK	1	0	0	23.25	0.182	3	
				12		23.22	0.181	3	
				24		23.18	0.179	3	
			12	0	1	22.24	0.144	3	
				6		22.24	0.144	3	
				11		22.23	0.144	3	
			25	0	1	22.21	0.143	3	
			16-QAM	1	0	1	22.74	0.162	3
					12		22.79	0.164	3
		24			22.65		0.158	3	
		12		0	2	21.33	0.117	3	
				6		21.29	0.116	3	
				11		21.32	0.117	3	
		25		0	2	21.28	0.116	3	
		64-QAM		1	0	2	21.43	0.120	3
					12		21.54	0.123	3
			24		21.49		0.121	3	
			12	0	3	21.41	0.119	3	
				6		21.42	0.119	3	
				11		21.63	0.125	3	
			25	0	3	20.42	0.095	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 14 / 5MHz	CH 23330 793MHz	QPSK	1	0	0	23.22	0.181	3	
				12		23.18	0.179	3	
				24		23.14	0.177	3	
			12	0	1	22.15	0.141	3	
				6		22.14	0.141	3	
				11		22.14	0.141	3	
			25	0	1	22.16	0.142	3	
			16-QAM	1	0	1	22.73	0.161	3
					12		22.62	0.157	3
		24			22.18		0.142	3	
		12		0	2	21.26	0.115	3	
				6		21.25	0.115	3	
				11		21.21	0.114	3	
		25		0	2	21.26	0.115	3	
		64-QAM		1	0	2	21.41	0.119	3
					12		21.55	0.123	3
			24		21.41		0.119	3	
			12	0	3	21.22	0.114	3	
				6		21.21	0.114	3	
				11		21.19	0.113	3	
			25	0	3	20.35	0.093	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP			
Band 14 / 5MHz	CH 23355 795.5MHz	QPSK	1	0	0	23.11	0.176	3			
				12		23.06	0.174	3			
				24		23.02	0.173	3			
			12	0	1	0	22.11	0.140	3		
						6	22.16	0.142	3		
						11	22.07	0.139	3		
				25		0	22.07	0.139	3		
						1	1	0	22.68	0.160	3
								12	22.55	0.155	3
		24	22.16	0.142	3						
		16-QAM	12	2	0	21.21	0.114	3			
					6	21.26	0.115	3			
					11	21.23	0.114	3			
			25		21.22	0.114	3				
			1		2	0	21.61	0.125	3		
						12	21.70	0.127	3		
						24	21.60	0.124	3		
		64-QAM	12	3	0	21.40	0.119	3			
					6	20.47	0.096	3			
					11	20.34	0.093	3			
			25		20.38	0.094	3				
			0		20.38	0.094	3				

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 14		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 14 / 10MHz	CH 23330 793MHz	QPSK	1	0	0	23.25	0.182	3	
				24		23.19	0.179	3	
				49		23.10	0.176	3	
			25	0	1	22.23	0.144	3	
				12		22.19	0.143	3	
				24		22.13	0.141	3	
			50	0	1	22.18	0.142	3	
			16-QAM	1	0	1	22.78	0.163	3
					24		22.61	0.157	3
		49			22.59		0.156	3	
		25		0	2	21.30	0.116	3	
				12		21.26	0.115	3	
				24		21.27	0.115	3	
		50		0	2	21.24	0.115	3	
		64-QAM		1	0	2	21.83	0.131	3
					24		21.81	0.131	3
			49		21.82		0.131	3	
			25	0	3	20.58	0.098	3	
				12		20.58	0.098	3	
				24		20.51	0.097	3	
			50	0	3	20.51	0.097	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 8: LTE Band 17		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 17 / 5MHz	CH 23755 706.5MHz	QPSK	1	0	0	23.44	0.190	3	
				12		23.37			
				24		23.38			
			12	0	1	22.32	0.147	3	
				6		22.30			
				11		22.27			
			25	0	1	22.32	0.147	3	
			16-QAM	1	0	1	22.61	0.157	3
					12		22.49		
		24			22.53				
		12		0	2	21.50	0.122	3	
				6		21.49			
				11		21.45			
		25		0	2	21.44	0.120	3	
		64-QAM		1	0	2	22.59	0.156	3
					12		22.48		
			24		22.49				
			12	0	3	21.48	0.121	3	
				6		21.46			
				11		21.43			
			25	0	3	21.41	0.119	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 17 / 5MHz	CH 23790 710MHz	QPSK	1	0	0	23.27	0.183	3	
				12		23.20	0.180	3	
				24		23.11	0.176	3	
			12	0	1	22.28	0.146	3	
				6		22.29	0.146	3	
				11		22.26	0.145	3	
			25	0	1	22.26	0.145	3	
			16-QAM	1	0	1	22.88	0.167	3
					12		22.81	0.164	3
		24			22.68		0.160	3	
		12		0	2	21.48	0.121	3	
				6		21.50	0.122	3	
				11		21.47	0.121	3	
		25		0	2	21.41	0.119	3	
		64-QAM		1	0	2	22.79	0.164	3
					12		22.75	0.162	3
			24		22.70		0.160	3	
			12	0	3	21.62	0.125	3	
				6		21.69	0.127	3	
				11		21.60	0.124	3	
			25	0	3	21.55	0.123	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP			
Band 17 / 5MHz	CH 23825 713.5MHz	QPSK	1	0	0	23.26	0.182	3			
				12		23.13	0.177	3			
				24		23.09	0.175	3			
			12	0	1	0	22.27	0.145	3		
						6	22.14	0.141	3		
						11	22.12	0.140	3		
				25		0	1	22.24	0.144	3	
						1	1	0	22.44	0.151	3
								12	22.27	0.145	3
		24	22.21	0.143	3						
		16-QAM	12	2	0	21.38	0.118	3			
					6	21.28	0.116	3			
					11	21.27	0.115	3			
			25		0	2	21.29	0.116	3		
					1	2	0	22.42	0.150	3	
							12	22.24	0.144	3	
		24	22.19	0.143			3				
		64-QAM	12	3	0	21.35	0.117	3			
					6	21.26	0.115	3			
					11	21.25	0.115	3			
			25		0	3	21.24	0.115	3		

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 8: LTE Band 17		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 17 / 10MHz	CH 23780 709MHz	QPSK	1	0	0	23.33	0.185	3	
				24		23.18	0.179	3	
				49		23.12	0.177	3	
			25	0	1	22.36	0.148	3	
				12		22.29	0.146	3	
				24		22.23	0.144	3	
			50	0	0	22.30	0.146	3	
			16-QAM	1	0	1	22.35	0.148	3
					24		22.14	0.141	3
		49			22.08		0.139	3	
		25		0	2	21.43	0.120	3	
				12		21.43	0.120	3	
				24		21.33	0.117	3	
		50		0	0	21.38	0.118	3	
		64-QAM		1	0	2	22.33	0.147	2
					24		22.12	0.140	2
			49		22.05		0.138	2	
			25	0	3	21.39	0.119	2	
				12		21.41	0.119	2	
				24		21.32	0.117	2	
			50	0	3	21.36	0.118	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 17 / 10MHz	CH 23790 710MHz	QPSK	1	0	0	23.36	0.187	3	
				24		23.22	0.181	3	
				49		23.11	0.176	3	
			25	0	1	22.32	0.147	3	
				12		22.27	0.145	3	
				24		22.24	0.144	3	
			50	0	1	22.29	0.146	3	
			16-QAM	1	0	1	22.75	0.162	3
					24		22.64	0.158	3
		49			22.55		0.155	3	
		25		0	2	21.41	0.119	3	
				12		21.43	0.120	3	
				24		21.35	0.117	3	
		50		0	2	21.39	0.119	3	
		64-QAM		1	0	2	22.73	0.161	3
					24		22.63	0.158	3
			49		22.52		0.154	3	
			25	0	3	21.39	0.119	3	
				12		21.41	0.119	3	
				24		21.33	0.117	3	
			50	0	3	21.37	0.118	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 17 / 10MHz	CH 23800 711MHz	QPSK	1	0	0	23.30	0.184	3	
				24		23.16	0.178	3	
				49		23.07	0.175	3	
			25	0	1	22.32	0.147	3	
				12		22.28	0.146	3	
				24		22.20	0.143	3	
			50	0	1	22.26	0.145	3	
			16-QAM	1	0	1	22.35	0.148	3
					24		22.31	0.147	3
		49			22.17		0.142	3	
		25		0	2	21.47	0.121	3	
				12		21.46	0.121	3	
				24		21.38	0.118	3	
		50		0	2	21.38	0.118	3	
		64-QAM		1	0	2	22.31	0.147	3
					24		22.28	0.146	3
			49		22.16		0.142	3	
			25	0	3	21.45	0.120	3	
				12		21.42	0.119	3	
				24		21.35	0.117	3	
			50	0	3	21.37	0.118	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 9: LTE Band 18		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 18 / 5MHz	CH 23875 817.5MHz	QPSK	1	0	0	23.41	0.189	100	
				12		23.36			
				24		23.35			
			12	0	1	22.43	0.151	100	
				6		22.45			
				11		22.45			
			25	0	1	22.51	0.153	100	
			16-QAM	1	0	1	22.80	0.164	100
					12		22.69		
		24			22.77				
		12		0	2	21.60	0.124	100	
				6		21.60			
				11		21.63			
		25		0	2	21.71	0.128	100	
		64-QAM		1	0	2	22.35	0.148	100
					12		22.32		
			24		22.36				
			12	0	3	21.27	0.115	100	
				6		21.12			
				11		21.24			
			25	0	3	21.44	0.120	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 18 / 5MHz	CH 23925 822.5MHz	QPSK	1	0	0	23.47	0.191	100	
				12		23.37	0.187	100	
				24		23.35	0.186	100	
			12	0	1	22.47	0.152	100	
				6		22.51	0.153	100	
				11		22.43	0.151	100	
			25	0	1	22.45	0.151	100	
			16-QAM	1	1	0	22.62	0.157	100
						12	22.67	0.159	100
		24				22.75	0.162	100	
		12		2	0	21.60	0.124	100	
					6	21.62	0.125	100	
					11	21.57	0.124	100	
		25		0	2	21.55	0.123	100	
		64-QAM		1	2	0	22.26	0.145	100
						12	22.19	0.143	100
			24			22.37	0.149	100	
			12	3	0	21.23	0.114	100	
					6	21.07	0.110	100	
					11	21.10	0.111	100	
			25	0	3	21.17	0.113	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP			
Band 18 / 5MHz	CH 23975 827.5MHz	QPSK	1	0	0	23.44	0.190	100			
				12		23.42	0.189	100			
				24		23.38	0.187	100			
			12	0	1	0	22.60	0.157	100		
						6	22.56	0.155	100		
						11	22.47	0.152	100		
				25		0	22.54	0.155	100		
						1	1	0	22.99	0.171	100
								12	22.92	0.169	100
		24	22.98	0.171	100						
		16-QAM	12	2	0	21.70	0.127	100			
					6	21.67	0.126	100			
					11	21.58	0.124	100			
			25		0	21.63	0.125	100			
					64-QAM	2	1	0	22.61	0.157	100
								12	22.55	0.155	100
		24	22.57	0.156				100			
		64-QAM	12	3	0	21.37	0.118	100			
					6	21.19	0.113	100			
					11	21.19	0.113	100			
			25		0	21.36	0.118	100			

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 9: LTE Band 18		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 18 / 10MHz	CH 23900 820MHz	QPSK	1	0	0	23.40	0.188	100	
				24		23.41	0.189	100	
				49		23.36	0.187	100	
			25	0	1	22.53	0.154	100	
				12		22.50	0.153	100	
				24		22.47	0.152	100	
			50	0	1	22.43	0.151	100	
			16-QAM	1	1	0	23.02	0.173	100
						24	22.98	0.171	100
		49				22.84	0.166	100	
		25		2	0	21.65	0.126	100	
					12	21.63	0.125	100	
					24	21.59	0.124	100	
		50		0	2	21.60	0.124	100	
		64-QAM		1	2	0	22.65	0.158	100
						24	22.53	0.154	100
			49			22.47	0.152	100	
			25	3	0	21.24	0.115	100	
					12	21.30	0.116	100	
					24	21.11	0.111	100	
			50	0	3	21.12	0.111	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP			
Band 18 / 10MHz	CH 23925 822.5MHz	QPSK	1	0	0	23.38	0.187	100			
				24		23.36					
				49		23.43					
			25	0	1	22.44	1	22.40	0.150	100	
						12		22.35			
						24		22.35			
				50	0	1	22.42	1	22.42	0.150	100
							0		22.94		
							24		22.98		
		16-QAM	1	1	23.02	1	23.02	0.173	100		
					49		23.02				
					0		21.64				
			25	0	2	21.59	2	21.59	0.124	100	
						12		21.51			
						24		21.51			
				50	0	2	21.58	2	21.58	0.124	100
							0		22.55		
							24		22.71		
		64-QAM	1	2	22.64	2	22.64	0.158	100		
					49		22.64				
					0		21.27				
			25	0	3	21.18	3	21.18	0.113	100	
						12		21.18			
						24		21.18			
50	0			3	21.10	3	21.10	0.111	100		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 18 / 10MHz	CH 23950 825MHz	QPSK	1	0	0	23.44	0.190	100	
				24		23.38	0.187	100	
				49		23.41	0.189	100	
			25	0	1	22.44	0.151	100	
				12		22.47	0.152	100	
				24		22.45	0.151	100	
			50	0	1	22.48	0.152	100	
			16-QAM	1	1	0	23.03	0.173	100
						24	22.85	0.166	100
		49				22.96	0.170	100	
		25		2	0	21.56	0.123	100	
					12	21.63	0.125	100	
					24	21.54	0.123	100	
		50		0	2	21.57	0.124	100	
		64-QAM		1	2	0	22.70	0.160	100
						24	22.37	0.149	100
			49			22.60	0.157	100	
			25	3	0	21.08	0.110	100	
					12	21.25	0.115	100	
					24	21.17	0.113	100	
			50	0	3	21.02	0.109	100	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 9: LTE Band 18		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 18 / 15MHz	CH 23925 822.5MHz	QPSK	1	0	0	23.41	0.189	100	
				37		23.38	0.187	100	
				74		23.35	0.186	100	
			36	0	1	22.48	0.152	100	
				19		22.47	0.152	100	
				38		22.37	0.149	100	
			75	0	1	22.45	0.151	100	
			16-QAM	1	1	0	22.98	0.171	100
						37	22.93	0.169	100
		74				22.90	0.168	100	
		36		2	0	21.62	0.125	100	
					19	21.59	0.124	100	
					38	21.49	0.121	100	
		75		0	2	21.49	0.121	100	
		64-QAM		1	2	0	22.60	0.157	100
						37	22.56	0.155	100
			74			22.35	0.148	100	
			36	3	0	21.15	0.112	100	
					19	21.21	0.114	100	
					38	21.22	0.114	100	
			75	0	3	21.11	0.111	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 10: LTE Band 19		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 5MHz	CH 24025 832.5MHz	QPSK	1	0	0	23.70	0.202	100	
				12		23.55	0.195	100	
				24		23.64	0.199	100	
			12	0	1	22.72	0.161	100	
				6		22.75	0.162	100	
				11		22.82	0.165	100	
			25	0	1	22.80	0.164	100	
			16-QAM	1	0	1	22.88	0.167	100
					12		22.87	0.167	100
		24			22.90		0.168	100	
		12		0	2	21.87	0.132	100	
				6		21.85	0.132	100	
				11		21.89	0.133	100	
		25		0	2	21.83	0.131	100	
		64-QAM		1	0	2	21.38	0.118	100
					12		21.50	0.122	100
			24		21.43		0.120	100	
			12	0	3	21.32	0.117	100	
				6		21.33	0.117	100	
				11		21.53	0.122	100	
			25	0	3	20.33	0.093	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 5MHz	CH 24075 837.5MHz	QPSK	1	0	0	23.39	0.188	100	
				12		23.31	0.185	100	
				24		23.29	0.184	100	
			12	0	1	22.38	0.149	100	
				6		22.45	0.151	100	
				11		22.34	0.148	100	
			25	0	1	22.40	0.150	100	
			16-QAM	1	1	0	22.54	0.155	100
						12	22.57	0.156	100
		24				22.69	0.160	100	
		12		2	0	21.54	0.123	100	
					6	21.55	0.123	100	
					11	21.52	0.122	100	
		25		0	2	21.48	0.121	100	
		64-QAM		1	2	0	21.40	0.119	100
						12	21.56	0.123	100
			24			21.44	0.120	100	
			12	3	0	21.50	0.122	100	
					6	21.58	0.124	100	
					11	21.48	0.121	100	
			25	0	3	20.34	0.093	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 5MHz	CH 24125 842.5MHz	QPSK	1	0	0	23.37	0.187	100	
				12		23.32	0.185	100	
				24		23.33	0.185	100	
			12	0	1	22.55	0.155	100	
				6		22.47	0.152	100	
				11		22.39	0.149	100	
			25	0	1	22.45	0.151	100	
			16-QAM	1	1	0	22.93	0.169	100
						12	22.83	0.165	100
		24				22.89	0.167	100	
		12		2	0	21.65	0.126	100	
					6	21.58	0.124	100	
					11	21.51	0.122	100	
		25		0	2	21.54	0.123	100	
		64-QAM		1	2	0	21.58	0.124	100
						12	21.67	0.126	100
			24			21.64	0.126	100	
			12	3	0	21.38	0.118	100	
					6	20.46	0.096	100	
					11	20.33	0.093	100	
			25	0	3	20.38	0.094	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 10: LTE Band 19		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 10MHz	CH 24050 835MHz	QPSK	1	0	0	23.32	0.185	100	
				24		23.35	0.186	100	
				49		23.27	0.183	100	
			25	0	1	22.43	0.151	100	
				12		22.41	0.150	100	
				24		22.41	0.150	100	
			50	0	1	22.36	0.148	100	
			16-QAM	1	0	1	22.96	0.170	100
					24		22.89	0.167	100
		49			22.77		0.163	100	
		25		0	2	21.60	0.124	100	
				12		21.55	0.123	100	
				24		21.51	0.122	100	
		50		0	2	21.54	0.123	100	
		64-QAM		1	0	2	21.83	0.131	100
					24		21.81	0.131	100
			49		21.81		0.131	100	
			25	0	3	20.57	0.098	100	
				12		20.57	0.098	100	
				24		20.48	0.096	100	
			50	0	3	20.52	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 10MHz	CH 24075 837.5MHz	QPSK	1	0	0	23.31	0.185	100	
				24		23.27	0.183	100	
				49		23.36	0.187	100	
			25	0	1	22.35	0.148	100	
				12		22.33	0.147	100	
				24		22.29	0.146	100	
			50	0	1	22.34	0.148	100	
			16-QAM	1	1	0	22.86	0.166	100
						24	22.89	0.167	100
		49				22.96	0.170	100	
		25		2	0	21.54	0.123	100	
					12	21.51	0.122	100	
					24	21.46	0.121	100	
		50		0	2	21.50	0.122	100	
		64-QAM		1	2	0	21.74	0.129	100
						24	21.70	0.127	100
			49			21.73	0.128	100	
			25	3	0	20.54	0.097	100	
					12	20.54	0.097	100	
					24	20.45	0.095	100	
			50	0	3	20.47	0.096	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 10MHz	CH 24100 840MHz	QPSK	1	0	0	23.36	0.187	100	
				24		23.29	0.184	100	
				49		23.35	0.186	100	
			25	0	1	22.34	0.148	100	
				12		22.40	0.150	100	
				24		22.36	0.148	100	
			50	0	1	22.43	0.151	100	
			16-QAM	1	1	0	22.96	0.170	100
						24	22.79	0.164	100
		49				22.89	0.167	100	
		25		2	0	21.50	0.122	100	
					12	21.57	0.124	100	
					24	21.44	0.120	100	
		50		0	2	21.48	0.121	100	
		64-QAM		1	2	0	21.59	0.124	100
						24	21.67	0.126	100
			49			21.61	0.125	100	
			25	3	0	21.35	0.117	100	
					12	20.48	0.096	100	
					24	20.36	0.094	100	
			50	0	3	20.37	0.094	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 10: LTE Band 19		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 19 / 15MHz	CH 24075 837.5MHz	QPSK	1	0	0	23.84	0.208	100	
				37		23.80	0.207	100	
				74		23.75	0.204	100	
			36	0	1	22.88	0.167	100	
				19		22.91	0.168	100	
				38		22.77	0.163	100	
			75	0	1	22.88	0.167	100	
			16-QAM	1	1	0	23.42	0.189	100
						37	23.35	0.186	100
		74				23.33	0.185	100	
		36		2	0	22.04	0.138	100	
					19	22.01	0.137	100	
					38	21.94	0.135	100	
		75		0	2	21.94	0.135	100	
		64-QAM		1	2	0	21.81	0.131	100
						37	21.84	0.132	100
			74			21.81	0.131	100	
			36	3	0	20.59	0.099	100	
					19	20.55	0.098	100	
					38	20.48	0.096	100	
			75	0	3	20.49	0.096	100	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 1.4MHz	CH 26047 1850.7MHz	QPSK	1	0	0	23.03	0.450	2	
				2		23.08	0.455	2	
				5		22.99	0.446	2	
			3	0	0	23.03	0.450	2	
				1		23.08	0.455	2	
				2		23.09	0.456	2	
			6	0	1	21.96	0.352	2	
			16-QAM	1	0	1	22.45	0.394	2
					2		22.50	0.398	2
		5			22.40		0.389	2	
		3		0	1	22.24	0.375	2	
				1		22.31	0.381	2	
				2		22.30	0.380	2	
		6		0	2	21.00	0.282	2	
		64-QAM		1	0	2	21.75	0.335	2
					2		21.77	0.337	2
			5		21.77		0.337	2	
			3	0	2	20.50	0.251	2	
				1		20.52	0.252	2	
				2		20.42	0.247	2	
			6	0	3	20.44	0.248	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 1.4MHz	CH 26365 1882.5MHz	QPSK	1	0	0	23.29	0.478	2	
				2		23.31	0.480	2	
				5		23.25	0.473	2	
			3	0	0	23.26	0.474	2	
				1		23.33	0.482	2	
				2		23.32	0.481	2	
			6	0	1	22.33	0.383	2	
			16-QAM	1	1	0	22.36	0.385	2
						2	22.42	0.391	2
		5				22.35	0.385	2	
		3		1	0	22.54	0.402	2	
					1	22.60	0.407	2	
					2	22.59	0.406	2	
		6		0	2	21.55	0.320	2	
		64-QAM		1	2	0	21.62	0.325	2
						2	21.58	0.322	2
			5			21.66	0.328	2	
			3	2	0	20.47	0.249	2	
					1	20.41	0.246	2	
					2	20.42	0.247	2	
			6	0	3	20.45	0.248	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 1.4MHz	CH 26683 1914.3MHz	QPSK	1	0	0	23.39	0.489	2	
				2		23.49	0.500	2	
				5		23.42	0.492	2	
			3	0	0	23.35	0.484	2	
				1		23.43	0.493	2	
				2		23.44	0.494	2	
			6	0	1	22.36	0.385	2	
			16-QAM	1	1	0	22.55	0.403	2
						2	22.63	0.410	2
		5				22.54	0.402	2	
		3		1	0	22.54	0.402	2	
					1	22.61	0.408	2	
					2	22.61	0.408	2	
		6		0	2	21.61	0.324	2	
		64-QAM		1	2	0	21.55	0.320	2
						2	21.57	0.321	2
			5			21.56	0.321	2	
			3	2	0	21.28	0.301	2	
					1	20.38	0.244	2	
					2	20.29	0.239	2	
			6	0	3	20.33	0.242	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 3MHz	CH 26055 1851.5MHz	QPSK	1	0	0	23.04	0.451	2	
				7		23.13	0.460	2	
				14		23.02	0.449	2	
			8	0	1	22.04	0.358	2	
				4		22.06	0.360	2	
				7		22.01	0.356	2	
			15	0	1	22.03	0.357	2	
			16-QAM	1	0	1	22.00	0.355	2
					7		22.12	0.365	2
		14			21.96		0.352	2	
		8		0	2	21.23	0.297	2	
				4		21.25	0.299	2	
				7		21.22	0.296	2	
		15		0	2	21.15	0.292	2	
		64-QAM		1	0	2	21.71	0.332	2
					7		21.66	0.328	2
			14		21.69		0.330	2	
			8	0	3	20.39	0.245	2	
				4		20.31	0.240	2	
				7		20.28	0.239	2	
			15	0	3	20.35	0.243	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 25 / 3MHz	CH 26365 1882.5MHz	QPSK	1	0	0	23.16	0.463	2			
				7		23.24	0.472	2			
				14		23.13	0.460	2			
			8	0	1	0	22.17	0.369	2		
						4	22.16	0.368	2		
						7	22.14	0.366	2		
				15		0	22.12	0.365	2		
						1	1	0	22.56	0.404	2
								7	22.64	0.411	2
		14	22.51	0.399	2						
		16-QAM	8	2	0	21.30	0.302	2			
					4	21.31	0.303	2			
					7	21.25	0.299	2			
			15		0	21.24	0.298	2			
					1	2	0	21.79	0.338	2	
							7	21.75	0.335	2	
		14	21.48	0.315			2				
		64-QAM	8	3	0	20.43	0.247	2			
					4	20.36	0.243	2			
					7	20.30	0.240	2			
			15		0	20.36	0.243	2			

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 25 / 3MHz	CH 26675 1913.5MHz	QPSK	1	0	0	23.45	0.495	2			
				7		23.49	0.500	2			
				14		23.40	0.490	2			
			8	0	1	0	22.43	0.392	2		
						4	22.45	0.394	2		
						7	22.40	0.389	2		
				15		0	22.44	0.393	2		
						1	1	0	22.56	0.404	2
								7	22.62	0.409	2
		14	22.53	0.401	2						
		16-QAM	8	2	0	21.54	0.319	2			
					4	21.58	0.322	2			
					7	21.54	0.319	2			
			15		0	21.49	0.316	2			
					1	2	0	21.67	0.329	2	
							7	21.68	0.330	2	
		14	21.56	0.321			2				
		64-QAM	8	3	0	20.26	0.238	2			
					4	20.22	0.236	2			
					7	20.22	0.236	2			
			15		0	20.17	0.233	2			

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE Band 25		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 5MHz	CH 26065 1852.5MHz	QPSK	1	0	0	23.23	0.471	2	
				12		23.14	0.461	2	
				24		23.12	0.459	2	
			12	0	1	22.06	0.360	2	
				6		22.04	0.358	2	
				11		22.03	0.357	2	
			25	0	1	22.04	0.358	2	
			16-QAM	1	0	1	22.33	0.383	2
					12		22.27	0.378	2
		24			22.19		0.371	2	
		12		0	2	21.19	0.294	2	
				6		21.20	0.295	2	
				11		21.18	0.294	2	
		25		0	2	21.10	0.288	2	
		64-QAM		1	0	2	21.77	0.337	2
					12		21.76	0.336	2
			24		21.69		0.330	2	
			12	0	3	20.51	0.252	2	
				6		20.41	0.246	2	
				11		20.33	0.242	2	
			25	0	3	20.43	0.247	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 25 / 5MHz	CH 26365 1882.5MHz	QPSK	1	0	0	23.13	0.460	2				
				12		23.11	0.458	2				
				24		23.07	0.454	2				
			12	0	1	0	22.17	0.369	2			
						6	22.16	0.368	2			
						11	22.17	0.369	2			
				25		0	1	0	22.15	0.367	2	
								12	22.16	0.368	2	
								24	22.17	0.369	2	
		16-QAM	1	1	0	22.73	0.420	2				
					12	22.71	0.418	2				
					24	22.66	0.413	2				
			12		0	2	0	21.38	0.308	2		
							6	21.39	0.308	2		
							11	21.34	0.305	2		
					25		0	2	0	21.30	0.302	2
									12	21.31	0.303	2
									24	21.32	0.304	2
		64-QAM	1	2	0	21.67	0.329	2				
					12	21.63	0.326	2				
					24	21.52	0.318	2				
			12		0	3	0	20.55	0.254	2		
							6	20.47	0.249	2		
							11	20.33	0.242	2		
25	0				3		0	20.42	0.247	2		
							12	20.43	0.248	2		
							24	20.44	0.249	2		



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 5MHz	CH 26665 1912.5MHz	QPSK	1	0	0	23.56	0.508	2	
				12		23.48	0.499	2	
				24		23.47	0.498	2	
			12	0	1	22.49	0.397	2	
				6		22.49	0.397	2	
				11		22.47	0.395	2	
			25	0	1	22.46	0.394	2	
			16-QAM	1	0	1	22.70	0.417	2
					12		22.61	0.408	2
		24			22.63		0.410	2	
		12		0	2	21.60	0.324	2	
				6		21.62	0.325	2	
				11		21.61	0.324	2	
		25		0	2	21.51	0.317	2	
		64-QAM		1	0	2	21.74	0.334	2
					12		21.59	0.323	2
			24		21.58		0.322	2	
			12	0	3	20.38	0.244	2	
				6		20.33	0.242	2	
				11		20.11	0.230	2	
			25	0	3	20.22	0.236	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE Band 25		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 10MHz	CH 26090 1855MHz	QPSK	1	0	0	23.10	0.457	2	
				24		23.05	0.452	2	
				49		23.02	0.449	2	
			25	0	1	22.10	0.363	2	
				12		22.09	0.362	2	
				24		22.01	0.356	2	
			50	0	1	22.09	0.362	2	
			16-QAM	1	0	1	22.10	0.363	2
					24		22.05	0.359	2
		49			22.00		0.355	2	
		25		0	2	21.16	0.292	2	
				12		21.18	0.294	2	
				24		21.12	0.290	2	
		50		0	2	21.14	0.291	2	
		64-QAM		1	0	2	21.64	0.327	2
					24		21.63	0.326	2
			49		21.75		0.335	2	
			25	0	3	20.52	0.252	2	
				12		20.47	0.249	2	
				24		20.31	0.240	2	
			50	0	3	20.41	0.246	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 10MHz	CH 26365 1882.5MHz	QPSK	1	0	0	23.24	0.472	2	
				24		23.17	0.465	2	
				49		23.11	0.458	2	
			25	0	1	22.19	0.371	2	
				12		22.19	0.371	2	
				24		22.12	0.365	2	
			50	0	1	22.19	0.371	2	
			16-QAM	1	0	1	22.65	0.412	2
					24		22.58	0.406	2
					49		22.54	0.402	2
				25	0	2	21.34	0.305	2
					12		21.32	0.303	2
		24			21.25		0.299	2	
		50		0	2	21.29	0.301	2	
		64-QAM		1	0	2	21.78	0.337	2
					24		21.71	0.332	2
					49		21.55	0.320	2
				25	0	3	20.45	0.248	2
					12		20.43	0.247	2
			24		20.39		0.245	2	
			50	0	3	20.44	0.248	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 10MHz	CH 26640 1910MHz	QPSK	1	0	0	23.50	0.501	2	
				24		23.42	0.492	2	
				49		23.40	0.490	2	
			25	0	1	22.52	0.400	2	
				12		22.53	0.401	2	
				24		22.49	0.397	2	
			50	0	1	22.52	0.400	2	
			16-QAM	1	0	1	22.67	0.414	2
					24		22.54	0.402	2
		49			22.53		0.401	2	
		25		0	2	21.69	0.330	2	
				12		21.67	0.329	2	
				24		21.64	0.327	2	
		50		0	2	21.59	0.323	2	
		64-QAM		1	0	2	21.64	0.327	2
					24		21.58	0.322	2
			49		21.53		0.318	2	
			25	0	3	20.35	0.243	2	
				12		20.31	0.240	2	
				24		20.18	0.233	2	
			50	0	3	20.25	0.237	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE Band 25		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 15MHz	CH 26115 1857.5MHz	QPSK	1	0	0	23.24	0.472	2	
				37		23.03	0.450	2	
				74		23.06	0.453	2	
			36	0	1	22.09	0.362	2	
				19		22.16	0.368	2	
				38		22.13	0.366	2	
			75	0	1	22.17	0.369	2	
			16-QAM	1	0	1	22.18	0.370	2
					37		22.02	0.356	2
		74			22.08		0.361	2	
		36		0	2	21.19	0.294	2	
				19		21.25	0.299	2	
				38		21.23	0.297	2	
		75		0	2	21.27	0.300	2	
		64-QAM		1	0	2	21.79	0.338	2
					37		21.76	0.336	2
			74		21.71		0.332	2	
			36	0	3	20.51	0.252	2	
				19		20.45	0.248	2	
				38		20.36	0.243	2	
			75	0	3	20.44	0.248	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 15MHz	CH 26365 1882.5MHz	QPSK	1	0	0	23.27	0.475	2	
				37		23.15	0.462	2	
				74		23.26	0.474	2	
			36	0	1	22.22	0.373	2	
				19		22.20	0.372	2	
				38		22.13	0.366	2	
			75	0	1	22.19	0.371	2	
			16-QAM	1	1	0	22.68	0.415	2
						37	22.58	0.406	2
		74				22.63	0.410	2	
		36		2	0	21.41	0.310	2	
					19	21.33	0.304	2	
					38	21.24	0.298	2	
		75		0	2	21.33	0.304	2	
		64-QAM		1	2	0	21.66	0.328	2
						37	21.64	0.327	2
			74			21.52	0.318	2	
			36	3	0	20.55	0.254	2	
					19	20.48	0.250	2	
					38	20.35	0.243	2	
			75	0	3	20.45	0.248	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 15MHz	CH 26615 1907.5MHz	QPSK	1	0	0	23.69	0.524	2	
				37		23.54	0.506	2	
				74		23.51	0.502	2	
			36	0	1	22.56	0.404	2	
				19		22.52	0.400	2	
				38		22.50	0.398	2	
			75	0	1	22.52	0.400	2	
			16-QAM	1	1	0	23.00	0.447	2
						37	22.91	0.438	2
		74				22.95	0.442	2	
		36		0	2	21.58	0.322	2	
				19		21.57	0.321	2	
				38		21.51	0.317	2	
		75		0	2	21.59	0.323	2	
		64-QAM		1	2	0	21.73	0.333	2
						37	21.63	0.326	2
			74			21.56	0.321	2	
			36	0	3	20.38	0.244	2	
				19		20.34	0.242	2	
				38		20.14	0.231	2	
			75	0	3	20.23	0.236	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE Band 25		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 20MHz	CH 26140 1860MHz	QPSK	1	0	0	23.21	0.469	2	
				49		22.99	0.446	2	
				99		23.00	0.447	2	
			50	0	1	22.13	0.366	2	
				25		22.17	0.369	2	
				49		22.10	0.363	2	
			100	0	1	22.15	0.367	2	
			16-QAM	1	0	1	22.74	0.421	2
					49		22.62	0.409	2
		99			22.60		0.407	2	
		50		0	2	21.25	0.299	2	
				25		21.26	0.299	2	
				49		21.20	0.295	2	
		100		0	2	21.29	0.301	2	
		64-QAM		1	0	2	21.75	0.335	2
					49		21.76	0.336	2
			99		21.68		0.330	2	
			50	0	3	20.53	0.253	2	
				25		20.44	0.248	2	
				49		20.33	0.242	2	
			100	0	3	20.43	0.247	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 20MHz	CH 26365 1882.5MHz	QPSK	1	0	0	23.23	0.471	2	
				49		23.14	0.461	2	
				99		23.15	0.462	2	
			50	0	1	22.30	0.380	2	
				25		22.20	0.372	2	
				49		22.17	0.369	2	
			100	0	1	22.19	0.371	2	
			16-QAM	1	1	0	22.70	0.417	2
						49	22.65	0.412	2
		99				22.67	0.414	2	
		50		2	0	21.43	0.311	2	
					25	21.32	0.303	2	
					49	21.27	0.300	2	
		100		0	2	21.26	0.299	2	
		64-QAM		1	2	0	21.68	0.330	2
						49	21.66	0.328	2
			99			21.55	0.320	2	
			50	3	0	20.52	0.252	2	
					25	20.47	0.249	2	
					49	20.33	0.242	2	
			100	0	3	20.42	0.247	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 25 / 20MHz	CH 26590 1905MHz	QPSK	1	0	0	23.57	0.509	2	
				49		23.45	0.495	2	
				99		23.48	0.499	2	
			50	0	1	22.58	0.406	2	
				25		22.59	0.406	2	
				49		22.56	0.404	2	
			100	0	1	22.48	0.396	2	
			16-QAM	1	1	0	23.07	0.454	2
						49	22.87	0.434	2
		99				22.96	0.443	2	
		50		2	0	21.60	0.324	2	
					25	21.64	0.327	2	
					49	21.61	0.324	2	
		100		0	2	21.56	0.321	2	
		64-QAM		1	2	0	21.70	0.331	2
						49	21.61	0.324	2
			99			21.57	0.321	2	
			50	3	0	20.38	0.244	2	
					25	20.33	0.242	2	
					49	20.10	0.229	2	
			100	0	3	20.24	0.237	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 12: LTE Band 26		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 1.4MHz	CH 26697 814.7MHz	QPSK	1	0	0	22.77	0.163	100	
				2		22.72	0.161	100	
				5		22.73	0.161	100	
			3	0	0	22.74	0.162	100	
				1		22.79	0.164	100	
				2		22.71	0.161	100	
			6	0	1	21.78	0.130	100	
			16-QAM	1	1	0	22.17	0.142	100
						2	22.12	0.140	100
		5				22.15	0.141	100	
		3		1	0	21.80	0.130	100	
					1	21.75	0.129	100	
					2	21.55	0.123	100	
		6		0	2	20.78	0.103	100	
		64-QAM		1	2	0	21.81	0.131	100
						2	21.87	0.132	100
			5			21.84	0.132	100	
			3	2	0	20.59	0.099	100	
					1	20.61	0.099	100	
					2	20.50	0.097	100	
			6	0	3	20.50	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 1.4MHz	CH 26865 831.5MHz	QPSK	1	0	0	22.84	0.166	100	
				2		22.81	0.164	100	
				5		22.88	0.167	100	
			3	0	0	22.81	0.164	100	
				1		22.82	0.165	100	
				2		22.77	0.163	100	
			6	0	1	21.91	0.134	100	
			16-QAM	1	1	0	22.06	0.138	100
						2	22.03	0.137	100
		5				22.07	0.139	100	
		3		1	0	21.97	0.136	100	
					1	21.95	0.135	100	
					2	21.94	0.135	100	
		6		0	2	20.95	0.107	100	
		64-QAM		1	2	0	21.69	0.127	100
						2	21.66	0.126	100
			5			21.75	0.129	100	
			3	2	0	20.54	0.097	100	
					1	20.48	0.096	100	
					2	20.50	0.097	100	
			6	0	3	20.53	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 1.4MHz	CH 27033 848.3MHz	QPSK	1	0	0	22.85	0.166	100	
				2		22.79	0.164	100	
				5		22.80	0.164	100	
			3	0	0	22.83	0.165	100	
				1		22.79	0.164	100	
				2		22.75	0.162	100	
			6	0	1	21.86	0.132	100	
			16-QAM	1	1	0	22.05	0.138	100
						2	22.03	0.137	100
		5				21.99	0.136	100	
		3		1	0	22.11	0.140	100	
					1	22.13	0.141	100	
					2	22.08	0.139	100	
		6		0	2	21.04	0.109	100	
		64-QAM		1	2	0	21.64	0.126	100
						2	21.63	0.125	100
			5			21.65	0.126	100	
			3	2	0	21.35	0.117	100	
					1	20.43	0.095	100	
					2	20.35	0.093	100	
			6	0	3	20.40	0.094	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 12: LTE Band 26		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 3MHz	CH 26705 815.5MHz	QPSK	1	0	0	22.79	0.164	100	
				7		22.77	0.163	100	
				14		22.83	0.165	100	
			8	0	1	22.86	0.166	100	
				4		22.89	0.167	100	
				7		22.82	0.165	100	
			15	0	1	21.93	0.134	100	
			16-QAM	1	1	0	22.18	0.142	100
						7	22.09	0.139	100
		14				22.12	0.140	100	
		8		2	0	21.93	0.134	100	
					4	21.97	0.136	100	
					7	21.90	0.133	100	
		15		0	2	21.03	0.109	100	
		64-QAM		1	2	0	21.80	0.130	100
						7	21.71	0.128	100
			14			21.79	0.130	100	
			8	3	0	20.48	0.096	100	
					4	20.40	0.094	100	
					7	20.35	0.093	100	
			15	0	3	20.40	0.094	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 3MHz	CH 26865 831.5MHz	QPSK	1	0	0	22.91	0.168	100	
				7		22.85	0.166	100	
				14		22.89	0.167	100	
			8	0	1	22.92	0.169	100	
				4		22.83	0.165	100	
				7		22.86	0.166	100	
			15	0	1	21.97	0.136	100	
			16-QAM	1	1	0	22.08	0.139	100
						7	22.03	0.137	100
		14				21.99	0.136	100	
		8		2	0	22.05	0.138	100	
					4	21.96	0.135	100	
					7	22.03	0.137	100	
		15		0	2	21.05	0.110	100	
		64-QAM		1	2	0	21.85	0.132	100
						7	21.84	0.132	100
			14			21.55	0.123	100	
			8	3	0	20.51	0.097	100	
					4	20.46	0.096	100	
					7	20.39	0.094	100	
			15	0	3	20.46	0.096	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 3MHz	CH 27025 847.5MHz	QPSK	1	0	0	22.96	0.170	100	
				7		22.89	0.167	100	
				14		22.92	0.169	100	
			8	0	1	22.94	0.169	100	
				4		22.83	0.165	100	
				7		22.91	0.168	100	
			15	0	1	22.03	0.137	100	
			16-QAM	1	1	0	22.19	0.143	100
						7	22.13	0.141	100
		14				22.16	0.142	100	
		8		2	0	22.06	0.138	100	
					4	22.04	0.138	100	
					7	21.97	0.136	100	
		15		0	2	21.11	0.111	100	
		64-QAM		1	2	0	21.75	0.129	100
						7	21.74	0.129	100
			14			21.65	0.126	100	
			8	3	0	20.32	0.093	100	
					4	20.31	0.092	100	
					7	20.30	0.092	100	
			15	0	3	20.24	0.091	100	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 12: LTE Band 26		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 5MHz	CH 26715 816.5MHz	QPSK	1	0	0	22.94	0.169	100	
				12		22.99	0.171	100	
				24		23.01	0.172	100	
			12	0	1	22.90	0.168	100	
				6		22.86	0.166	100	
				11		22.84	0.166	100	
			25	0	1	21.94	0.135	100	
			16-QAM	1	1	0	22.47	0.152	100
						12	22.38	0.149	100
		24				22.53	0.154	100	
		12		2	0	22.02	0.137	100	
					6	21.97	0.136	100	
					11	22.05	0.138	100	
		25		0	2	20.99	0.108	100	
		64-QAM		1	2	0	21.82	0.131	100
						12	21.84	0.132	100
			24			21.76	0.129	100	
			12	3	0	20.59	0.099	100	
					6	20.49	0.096	100	
					11	20.42	0.095	100	
			25	0	3	20.50	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 5MHz	CH 26865 831.5MHz	QPSK	1	0	0	23.06	0.174	100	
				12		23.08	0.175	100	
				24		23.11	0.176	100	
			12	0	1	22.97	0.171	100	
				6		22.92	0.169	100	
				11		22.94	0.169	100	
			25	0	1	21.95	0.135	100	
			16-QAM	1	1	0	22.31	0.147	100
						12	22.34	0.148	100
		24				22.28	0.146	100	
		12		2	0	22.08	0.139	100	
					6	22.04	0.138	100	
					11	22.03	0.137	100	
		25		0	2	21.13	0.112	100	
		64-QAM		1	2	0	21.76	0.129	100
						12	21.68	0.127	100
			24			21.62	0.125	100	
			12	3	0	20.60	0.099	100	
					6	20.54	0.097	100	
					11	20.42	0.095	100	
			25	0	3	20.51	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 5MHz	CH 27015 846.5MHz	QPSK	1	0	0	22.98	0.171	100	
				12		22.93	0.169	100	
				24		23.01	0.172	100	
			12	0	1	23.04	0.173	100	
				6		23.02	0.173	100	
				11		22.99	0.171	100	
			25	0	1	22.06	0.138	100	
			16-QAM	1	1	0	22.35	0.148	100
						12	22.31	0.147	100
		24				22.34	0.148	100	
		12		2	0	22.14	0.141	100	
					6	22.05	0.138	100	
					11	22.11	0.140	100	
		25		0	2	21.08	0.110	100	
		64-QAM		1	2	0	21.82	0.131	100
						12	21.64	0.126	100
			24			21.66	0.126	100	
			12	3	0	20.45	0.095	100	
					6	20.43	0.095	100	
					11	20.19	0.090	100	
			25	0	3	20.28	0.092	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 10MHz	CH 26720 817MHz	QPSK	1	0	0	22.77	0.163	100	
				24		22.83	0.165	100	
				49		22.81	0.164	100	
			25	0	1	22.95	0.170	100	
				12		22.98	0.171	100	
				24		22.94	0.169	100	
			50	0	1	22.02	0.137	100	
			16-QAM	1	1	0	22.21	0.143	100
						24	22.18	0.142	100
		49				22.24	0.144	100	
		25		2	0	22.03	0.137	100	
					12	22.01	0.137	100	
					24	22.08	0.139	100	
		50		0	2	21.06	0.110	100	
		64-QAM		1	2	0	21.70	0.127	100
						24	21.69	0.127	100
			49			21.81	0.131	100	
			25	3	0	20.57	0.098	100	
					12	20.56	0.098	100	
					24	20.41	0.095	100	
			50	0	3	20.47	0.096	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 10MHz	CH 26865 831.5MHz	QPSK	1	0	0	22.88	0.167	100	
				24		22.84	0.166	100	
				49		22.93	0.169	100	
			25	0	1	22.12	0.140	100	
				12		22.15	0.141	100	
				24		22.06	0.138	100	
			50	0	1	21.93	0.134	100	
			16-QAM	1	1	0	22.37	0.149	100
						24	22.35	0.148	100
		49				22.38	0.149	100	
		25		2	0	22.04	0.138	100	
					12	22.06	0.138	100	
					24	22.11	0.140	100	
		50		0	2	21.04	0.109	100	
		64-QAM		1	2	0	21.88	0.133	100
						24	21.78	0.130	100
			49			21.63	0.125	100	
			25	3	0	20.54	0.097	100	
					12	20.48	0.096	100	
					24	20.47	0.096	100	
			50	0	3	20.54	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 10MHz	CH 26990 844MHz	QPSK	1	0	0	22.94	0.169	100	
				24		22.93	0.169	100	
				49		23.00	0.172	100	
			25	0	1	23.03	0.173	100	
				12		22.99	0.171	100	
				24		22.92	0.169	100	
			50	0	1	21.94	0.135	100	
			16-QAM	1	1	0	22.25	0.145	100
						24	22.23	0.144	100
		49				22.28	0.146	100	
		25		2	0	22.08	0.139	100	
					12	22.05	0.138	100	
					24	22.13	0.141	100	
		50		0	2	20.98	0.108	100	
		64-QAM		1	2	0	21.73	0.128	100
						24	21.67	0.126	100
			49			21.61	0.125	100	
			25	3	0	20.43	0.095	100	
					12	20.36	0.094	100	
					24	20.25	0.091	100	
			50	0	3	20.32	0.093	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 15MHz	CH 26765 821.5MHz	QPSK	1	0	0	22.86	0.166	100	
				37		22.81	0.164	100	
				74		22.78	0.163	100	
			36	0	1	22.95	0.170	100	
				19		22.91	0.168	100	
				38		22.92	0.169	100	
			75	0	1	21.96	0.135	100	
			16-QAM	1	1	0	22.13	0.141	100
						37	22.18	0.142	100
		74				22.16	0.142	100	
		36		0	2	22.09	0.139	100	
				19		22.07	0.139	100	
				38		22.12	0.140	100	
		75		0	2	21.09	0.111	100	
		64-QAM		1	2	0	21.85	0.132	100
						37	21.85	0.132	100
			74			21.78	0.130	100	
			36	0	3	20.59	0.099	100	
				19		20.54	0.097	100	
				38		20.45	0.095	100	
			75	0	3	20.50	0.097	100	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 15MHz	CH 26865 831.5MHz	QPSK	1	0	0	22.93	0.169	100	
				37		22.95	0.170	100	
				74		22.88	0.167	100	
			36	0	1	22.53	0.154	100	
				19		22.49	0.153	100	
				38		22.45	0.151	100	
			75	0	1	21.98	0.136	100	
			16-QAM	1	1	0	22.08	0.139	100
						37	22.11	0.140	100
		74				22.07	0.139	100	
		36		0	2	22.16	0.142	100	
				19		22.14	0.141	100	
				38		22.11	0.140	100	
		75		0	2	21.13	0.112	100	
		64-QAM		1	2	0	21.72	0.128	100
						37	21.69	0.127	100
			74			21.60	0.124	100	
			36	0	3	20.63	0.100	100	
				19		20.56	0.098	100	
				38		20.45	0.095	100	
			75	0	3	20.51	0.097	100	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 26 / 15MHz	CH 26965 841.5MHz	QPSK	1	0	0	23.14	0.177	100	
				37		23.11	0.176	100	
				74		23.08	0.175	100	
			36	0	1	23.06	0.174	100	
				19		22.99	0.171	100	
				38		23.01	0.172	100	
			75	0	1	21.94	0.135	100	
			16-QAM	1	1	0	22.18	0.142	100
						37	22.23	0.144	100
		74				22.22	0.144	100	
		36		0	2	22.12	0.140	100	
				19		22.09	0.139	100	
				38		22.06	0.138	100	
		75		0	2	21.08	0.110	100	
		64-QAM		1	2	0	21.79	0.130	100
						37	21.71	0.128	100
			74			21.65	0.126	100	
			36	0	3	20.48	0.096	100	
				19		20.42	0.095	100	
				38		20.23	0.091	100	
			75	0	3	20.29	0.092	100	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 13: LTE Band 30		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 30 / 5MHz	CH 27685 2307.5MHz	QPSK	1	0	0	22.87	0.244	0.25	
				12		22.89	0.245	0.25	
				24		22.82	0.241	0.25	
			12	0	1	21.92	0.196	0.25	
				6		21.89	0.195	0.25	
				11		21.95	0.197	0.25	
			25	0	1	21.73	0.187	0.25	
			16-QAM	1	1	0	22.33	0.215	0.25
						12	22.32	0.215	0.25
		24				22.29	0.213	0.25	
		12		2	0	20.99	0.158	0.25	
					6	20.92	0.156	0.25	
					11	20.91	0.155	0.25	
		25		0	2	20.89	0.155	0.25	
		64-QAM		1	2	0	21.83	0.192	0.25
						12	21.84	0.192	0.25
			24			21.83	0.192	0.25	
			12	3	0	20.59	0.144	0.25	
					6	20.61	0.145	0.25	
					11	20.49	0.141	0.25	
			25	0	3	20.50	0.141	0.25	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 30 / 5MHz	CH 27710 2310MHz	QPSK	1	0	0	22.70	0.234	0.25	
				12		22.75			
				24		22.71			
			12	0	1	21.87	0.194	0.25	
				6		21.81			
				11		21.85			
			25	0	1	21.72	0.187	0.25	
			16-QAM	1	0	1	22.29	0.213	0.25
					12		22.36		
		24			22.33				
		12		0	2	21.01	0.159	0.25	
				6		20.97			
				11		21.06			
		25		0	2	20.78	0.151	0.25	
		64-QAM		1	0	2	21.69	0.186	0.25
					12		21.67		
			24		21.72				
			12	0	3	20.54	0.143	0.25	
				6		20.50			
				11		20.51			
			25	0	3	20.52	0.142	0.25	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 30 / 5MHz	CH 27735 2312.5MHz	QPSK	1	0	0	22.73	0.236	0.25	
				12		22.69	0.234	0.25	
				24		22.75	0.237	0.25	
			12	0	1	21.72	0.187	0.25	
				6		21.68	0.185	0.25	
				11		21.75	0.188	0.25	
			25	0	1	21.59	0.182	0.25	
			16-QAM	1	1	0	21.75	0.188	0.25
						12	21.77	0.189	0.25
		24				21.81	0.191	0.25	
		12		2	0	20.81	0.152	0.25	
					6	20.89	0.155	0.25	
					11	20.86	0.153	0.25	
		25		0	2	20.63	0.146	0.25	
		64-QAM		1	2	0	21.62	0.183	0.25
						12	21.66	0.185	0.25
			24			21.64	0.184	0.25	
			12	3	0	21.37	0.173	0.25	
					6	20.44	0.139	0.25	
					11	20.35	0.136	0.25	
			25	0	3	20.42	0.139	0.25	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 13: LTE Band 30		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 30 / 10MHz	CH 27710 2310MHz	QPSK	1	0	0	22.84	0.242	0.25	
				24		22.82	0.241	0.25	
				49		22.85	0.243	0.25	
			25	0	1	21.76	0.189	0.25	
				12		21.80	0.191	0.25	
				24		21.77	0.189	0.25	
			50	0	1	21.58	0.181	0.25	
			16-QAM	1	1	0	22.28	0.213	0.25
						24	22.25	0.211	0.25
		49				22.22	0.210	0.25	
		25		2	0	20.96	0.157	0.25	
					12	20.93	0.156	0.25	
					24	21.01	0.159	0.25	
		50		0	2	20.68	0.147	0.25	
		64-QAM		1	2	0	21.79	0.190	0.25
						24	21.76	0.189	0.25
			49			21.78	0.190	0.25	
			25	3	0	20.44	0.139	0.25	
					12	20.39	0.138	0.25	
					24	20.34	0.136	0.25	
			50	0	3	20.44	0.139	0.25	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 5MHz	CH 37775 2572.5MHz	QPSK	1	0	0	23.91	0.491	2	
				12		23.95	0.495	2	
				24		23.94	0.494	2	
			12	0	1	23.01	0.399	2	
				6		23.05	0.403	2	
				11		22.98	0.396	2	
			25	0	1	22.95	0.394	2	
			16-QAM	1	0	1	23.18	0.415	2
					12		23.11	0.408	2
		24			23.12		0.409	2	
		12		0	2	22.13	0.326	2	
				6		22.13	0.326	2	
				11		22.10	0.324	2	
		25		0	2	22.11	0.324	2	
		64-QAM		1	0	2	21.39	0.275	2
					12		21.14	0.259	2
			24		21.06		0.255	2	
			12	0	3	20.33	0.215	2	
				6		20.32	0.215	2	
				11		20.20	0.209	2	
			25	0	3	20.36	0.217	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 5MHz	CH 38000 2595MHz	QPSK	1	0	0	23.86	0.485	2	
				12		23.83	0.482	2	
				24		23.74	0.472	2	
			12	0	1	22.81	0.381	2	
				6		22.84	0.384	2	
				11		22.83	0.383	2	
			25	0	1	22.80	0.380	2	
			16-QAM	1	1	0	23.09	0.406	2
						12	23.07	0.405	2
		24				23.02	0.400	2	
		12		2	0	22.02	0.318	2	
					6	21.97	0.314	2	
					11	22.03	0.318	2	
		25		0	2	21.95	0.313	2	
		64-QAM		1	2	0	21.21	0.264	2
						12	21.20	0.263	2
			24			21.07	0.255	2	
			12	3	0	20.32	0.215	2	
					6	20.31	0.214	2	
					11	20.20	0.209	2	
			25	0	3	20.33	0.215	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 38 / 5MHz	CH 38225 2617.5MHz	QPSK	1	0	0	23.70	0.468	2		
				12		23.65	0.462	2		
				24		23.68	0.466	2		
			12	0	1	22.64	0.366	2		
				6		22.61	0.364	2		
				11		22.66	0.368	2		
				25		0	1	22.68	0.370	2
				1		0	1	22.92	0.391	2
						12		22.88	0.387	2
		24	22.89		0.388	2				
		16-QAM	12	0	2	21.77	0.300	2		
				6		21.78	0.301	2		
				11		21.74	0.298	2		
			25	0	2	21.77	0.300	2		
			64-QAM	1	0	2	21.20	0.263	2	
					12		21.15	0.260	2	
		24			21.08		0.256	2		
		12		0	3	20.32	0.215	2		
				6		20.32	0.215	2		
				11		20.31	0.214	2		
				25		0	3	20.36	0.217	2



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 10MHz	CH 37800 2575MHz	QPSK	1	0	0	24.06	0.508	2	
				24		24.09	0.512	2	
				49		24.04	0.506	2	
			25	0	1	23.07	0.405	2	
				12		23.01	0.399	2	
				24		23.06	0.404	2	
			50	0	1	22.97	0.395	2	
			16-QAM	1	0	1	23.31	0.428	2
					24		23.38	0.435	2
		49			23.32		0.429	2	
		25		0	2	22.16	0.328	2	
				12		22.19	0.330	2	
				24		22.15	0.327	2	
		50		0	2	22.09	0.323	2	
		64-QAM		1	0	2	21.27	0.267	2
					24		21.32	0.270	2
			49		21.06		0.255	2	
			25	0	3	20.45	0.221	2	
				12		20.42	0.220	2	
				24		20.34	0.216	2	
			50	0	3	20.40	0.219	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 10MHz	CH 38000 2595MHz	QPSK	1	0	0	23.84	0.483	2	
				24		23.87	0.486	2	
				49		23.83	0.482	2	
			25	0	1	22.87	0.386	2	
				12		22.88	0.387	2	
				24		22.85	0.385	2	
			50	0	1	22.90	0.389	2	
			16-QAM	1	1	0	23.25	0.422	2
						24	23.27	0.424	2
		49				23.22	0.419	2	
		25		2	0	22.02	0.318	2	
					12	22.01	0.317	2	
					24	22.04	0.319	2	
		50		0	2	22.01	0.317	2	
		64-QAM		1	2	0	21.32	0.270	2
						24	21.36	0.273	2
			49			21.08	0.256	2	
			25	3	0	20.43	0.220	2	
					12	20.38	0.218	2	
					24	20.31	0.214	2	
			50	0	3	20.37	0.217	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 10MHz	CH 38200 2615MHz	QPSK	1	0	0	23.72	0.470	2	
				24		23.76	0.474	2	
				49		23.74	0.472	2	
			25	0	1	22.71	0.372	2	
				12		22.68	0.370	2	
				24		22.73	0.374	2	
			50	0	1	22.72	0.373	2	
			16-QAM	1	1	0	23.05	0.403	2
						24	23.02	0.400	2
		49				23.01	0.399	2	
		25		2	0	21.92	0.310	2	
					12	21.94	0.312	2	
					24	21.91	0.310	2	
		50		0	2	21.80	0.302	2	
		64-QAM		1	2	0	21.35	0.272	2
						24	21.38	0.274	2
			49			21.14	0.259	2	
			25	3	0	20.47	0.222	2	
					12	20.42	0.220	2	
					24	20.38	0.218	2	
			50	0	3	20.44	0.221	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 38 / 15MHz	CH 37825 2577.5MHz	QPSK	1	0	0	23.97	0.498	2		
				37		24.02	0.504	2		
				74		23.99	0.500	2		
			36	0	1	22.98	0.396	2		
				19		22.95	0.394	2		
				38		22.94	0.393	2		
			75	0	1	22.99	0.397	2		
			16-QAM	1	1	0	1	23.13	0.410	2
						37		23.09	0.406	2
		74				23.11		0.408	2	
		36		0	2	22.01	0.317	2		
				19		22.05	0.320	2		
				38		22.01	0.317	2		
		75		0	2	22.13	0.326	2		
		64-QAM		1	2	0	2	21.40	0.275	2
						37		21.21	0.264	2
			74			21.16		0.261	2	
			36	0	3	20.44	0.221	2		
				19		20.31	0.214	2		
				38		20.33	0.215	2		
			75	0	3	20.47	0.222	2		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 15MHz	CH 38000 2595MHz	QPSK	1	0	0	23.99	0.500	2	
				37		23.94	0.494	2	
				74		23.98	0.499	2	
			36	0	1	22.94	0.393	2	
				19		22.91	0.390	2	
				38		22.95	0.394	2	
			75	0	1	22.85	0.385	2	
			16-QAM	1	1	0	23.24	0.421	2
						37	23.25	0.422	2
		74				23.21	0.418	2	
		36		0	2	22.05	0.320	2	
				19		22.08	0.322	2	
				38		22.04	0.319	2	
		75		0	2	22.02	0.318	2	
		64-QAM		1	2	0	21.34	0.272	2
						37	21.10	0.257	2
			74			21.09	0.256	2	
			36	0	3	20.37	0.217	2	
				19		20.36	0.217	2	
				38		20.26	0.212	2	
			75	0	3	20.32	0.215	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 15MHz	CH 38175 2612.5MHz	QPSK	1	0	0	23.85	0.484	2	
				37		23.88	0.488	2	
				74		23.82	0.481	2	
			36	0	1	22.82	0.382	2	
				19		22.78	0.378	2	
				38		22.80	0.380	2	
			75	0	1	22.79	0.379	2	
			16-QAM	1	1	0	23.19	0.416	2
						37	23.22	0.419	2
		74				23.17	0.414	2	
		36		2	0	21.93	0.311	2	
					19	21.91	0.310	2	
					38	21.95	0.313	2	
		75		0	2	21.88	0.308	2	
		64-QAM		1	2	0	21.31	0.270	2
						37	21.20	0.263	2
			74			21.16	0.261	2	
			36	3	0	20.32	0.215	2	
					19	20.39	0.218	2	
					38	20.30	0.214	2	
			75	0	3	20.33	0.215	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 20MHz	CH 37850 2580MHz	QPSK	1	0	0	24.01	0.502	2	
				49		23.98	0.499	2	
				99		24.02	0.504	2	
			50	0	1	22.89	0.388	2	
				25		22.93	0.392	2	
				49		22.88	0.387	2	
			100	0	1	22.93	0.392	2	
			16-QAM	1	0	1	23.37	0.434	2
					49		23.41	0.438	2
		99			23.34		0.431	2	
		50		0	2	22.08	0.322	2	
				25		22.02	0.318	2	
				49		22.06	0.321	2	
		100		0	2	22.03	0.318	2	
		64-QAM		1	0	2	21.47	0.280	2
					49		21.16	0.261	2
			99		21.04		0.254	2	
			50	0	3	20.43	0.220	2	
				25		20.45	0.221	2	
				49		20.37	0.217	2	
			100	0	3	20.44	0.221	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 20MHz	CH 38000 2595MHz	QPSK	1	0	0	24.06	0.508	2	
				49		24.00	0.501	2	
				99		24.07	0.509	2	
			50	0	1	22.96	0.394	2	
				25		22.99	0.397	2	
				49		22.94	0.393	2	
			100	0	1	22.87	0.386	2	
			16-QAM	1	0	1	23.35	0.432	2
					49		23.31	0.428	2
					99		23.34	0.431	2
				50	0	2	22.15	0.327	2
					25		22.11	0.324	2
		49			22.16		0.328	2	
		100		0	2	21.93	0.311	2	
		64-QAM		1	0	2	21.47	0.280	2
					49		21.16	0.261	2
					99		21.16	0.261	2
				50	0	3	20.43	0.220	2
					25		20.42	0.220	2
			49		20.24		0.211	2	
			100	0	3	20.28	0.213	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 38 / 20MHz	CH 38150 2610MHz	QPSK	1	0	0	23.98	0.499	2	
				49		24.01	0.502	2	
				99		23.96	0.497	2	
			50	0	1	22.93	0.392	2	
				25		22.91	0.390	2	
				49		22.94	0.393	2	
			100	0	1	22.79	0.379	2	
			16-QAM	1	1	0	23.26	0.423	2
						49	23.28	0.425	2
		99				23.24	0.421	2	
		50		2	0	22.04	0.319	2	
					25	22.02	0.318	2	
					49	22.05	0.320	2	
		100		0	2	21.95	0.313	2	
		64-QAM		1	2	0	21.40	0.275	2
						49	21.26	0.267	2
			99			21.13	0.259	2	
			50	3	0	20.39	0.218	2	
					25	20.29	0.213	2	
					49	20.33	0.215	2	
			100	0	3	20.23	0.210	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 5MHz	CH 39675 2498.5MHz	QPSK	1	0	0	26.56	0.904	2	
				12		26.57	0.906	2	
				24		26.55	0.902	2	
			12	0	1	25.70	0.741	2	
				6		25.71	0.743	2	
				11		25.68	0.738	2	
			25	0	1	25.67	0.736	2	
			16-QAM	1	0	1	25.88	0.773	2
					12		25.87	0.771	2
		24			25.83		0.764	2	
		12		0	2	24.84	0.608	2	
				6		24.81	0.604	2	
				11		24.76	0.597	2	
		25		0	2	24.77	0.598	2	
		64-QAM		1	0	2	24.85	0.610	2
					12		24.81	0.604	2
			24		24.80		0.603	2	
			12	0	3	23.83	0.482	2	
				6		23.76	0.474	2	
				11		23.72	0.470	2	
			25	0	3	23.76	0.474	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 5MHz	CH 40620 2593MHz	QPSK	1	0	0	26.62	0.916	2	
				12		26.59	0.910	2	
				24		26.61	0.914	2	
			12	0	1	25.56	0.718	2	
				6		25.59	0.723	2	
				11		25.54	0.714	2	
			25	0	1	25.53	0.713	2	
			16-QAM	1	1	0	25.77	0.753	2
						12	25.79	0.757	2
		24				25.75	0.750	2	
		12		2	0	24.75	0.596	2	
					6	24.72	0.592	2	
					11	24.74	0.594	2	
		25		0	2	24.74	0.594	2	
		64-QAM		1	2	0	24.80	0.603	2
						12	24.76	0.597	2
			24			24.71	0.590	2	
			12	3	0	23.75	0.473	2	
					6	23.67	0.465	2	
					11	23.70	0.468	2	
			25	0	3	23.74	0.472	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 5MHz	CH 41565 2687.5MHz	QPSK	1	0	0	26.57	0.906	2	
				12		26.59	0.910	2	
				24		26.56	0.904	2	
			12	0	1	25.55	0.716	2	
				6		25.59	0.723	2	
				11		25.56	0.718	2	
			25	0	1	25.52	0.711	2	
			16-QAM	1	1	0	25.80	0.759	2
						12	25.81	0.760	2
		24				25.77	0.753	2	
		12		2	0	24.72	0.592	2	
					6	24.70	0.589	2	
					11	24.69	0.587	2	
		25		0	2	24.73	0.593	2	
		64-QAM		1	2	0	24.78	0.600	2
						12	24.81	0.604	2
			24			24.76	0.597	2	
			12	3	0	23.69	0.467	2	
					6	23.70	0.468	2	
					11	23.66	0.463	2	
			25	0	3	23.71	0.469	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 10MHz	CH 39700 2501MHz	QPSK	1	0	0	26.60	0.912	2	
				24		26.62	0.916	2	
				49		26.58	0.908	2	
			25	0	1	25.61	0.726	2	
				12		25.64	0.731	2	
				24		25.62	0.728	2	
			50	0	1	25.63	0.729	2	
			16-QAM	1	0	1	25.84	0.766	2
					24		25.87	0.771	2
		49			25.82		0.762	2	
		25		0	2	24.78	0.600	2	
				12		24.79	0.601	2	
				24		24.75	0.596	2	
		50		0	2	24.66	0.583	2	
		64-QAM		1	0	2	24.79	0.601	2
					24		24.85	0.610	2
			49		24.81		0.604	2	
			25	0	3	23.74	0.472	2	
				12		23.78	0.476	2	
				24		23.72	0.470	2	
			50	0	3	23.67	0.465	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 10MHz	CH 40620 2593MHz	QPSK	1	0	0	26.54	0.899	2	
				24		26.55	0.902	2	
				49		26.53	0.897	2	
			25	0	1	25.50	0.708	2	
				12		25.48	0.705	2	
				24		25.51	0.710	2	
			50	0	1	25.44	0.698	2	
			16-QAM	1	0	1	25.77	0.753	2
					24		25.74	0.748	2
		49			25.76		0.752	2	
		25		0	2	24.65	0.582	2	
				12		24.67	0.585	2	
				24		24.64	0.581	2	
		50		0	2	24.62	0.578	2	
		64-QAM		1	0	2	24.77	0.598	2
					24		24.73	0.593	2
			49		24.72		0.592	2	
			25	0	3	23.66	0.463	2	
				12		23.65	0.462	2	
				24		23.59	0.456	2	
			50	0	3	23.60	0.457	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 10MHz	CH 41540 2685MHz	QPSK	1	0	0	26.51	0.893	2	
				24		25.55	0.716	2	
				49		25.50	0.708	2	
			25	0	1	25.48	0.705	2	
				12		25.51	0.710	2	
				24		25.49	0.706	2	
			50	0	1	25.38	0.689	2	
			16-QAM	1	1	0	25.88	0.773	2
						24	25.91	0.778	2
		49				25.84	0.766	2	
		25		2	0	24.65	0.582	2	
					12	24.67	0.585	2	
					24	24.63	0.579	2	
		50		0	2	24.55	0.569	2	
		64-QAM		1	2	0	24.89	0.615	2
						24	24.87	0.612	2
			49			24.83	0.607	2	
			25	3	0	23.65	0.462	2	
					12	23.67	0.465	2	
					24	23.63	0.460	2	
			50	0	3	23.58	0.455	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 15MHz	CH 39725 2503.5MHz	QPSK	1	0	0	26.65	0.923	2	
				37		26.62	0.916	2	
				74		26.58	0.908	2	
			36	0	1	25.73	0.746	2	
				19		25.69	0.740	2	
				38		25.70	0.741	2	
			75	0	1	25.61	0.726	2	
			16-QAM	1	1	0	25.96	0.787	2
						37	25.87	0.771	2
		74				25.91	0.778	2	
		36		2	0	24.73	0.593	2	
					19	24.76	0.597	2	
					38	24.74	0.594	2	
		75		0	2	24.78	0.600	2	
		64-QAM		1	2	0	24.98	0.628	2
						37	24.87	0.612	2
			74			24.91	0.618	2	
			36	3	0	23.75	0.473	2	
					19	23.77	0.475	2	
					38	23.72	0.470	2	
			75	0	3	23.75	0.473	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 15MHz	CH 40620 2593MHz	QPSK	1	0	0	26.60	0.912	2	
				37		26.54	0.899	2	
				74		26.48	0.887	2	
			36	0	1	25.55	0.716	2	
				19		25.52	0.711	2	
				38		25.50	0.708	2	
			75	0	1	25.45	0.700	2	
			16-QAM	1	1	0	25.79	0.757	2
						37	25.71	0.743	2
		74				25.69	0.740	2	
		36		0	2	24.63	0.579	2	
				19		24.58	0.573	2	
				38		24.60	0.575	2	
		75		0	2	24.55	0.569	2	
		64-QAM		1	2	0	24.80	0.603	2
						37	24.72	0.592	2
			74			24.69	0.587	2	
			36	0	3	23.65	0.462	2	
				19		23.59	0.456	2	
				38		23.57	0.454	2	
			75	0	3	23.57	0.454	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 15MHz	CH 41515 2682.5MHz	QPSK	1	0	0	26.52	0.895	2	
				37		26.47	0.885	2	
				74		26.49	0.889	2	
			36	0	1	25.51	0.710	2	
				19		25.52	0.711	2	
				38		25.47	0.703	2	
			75	0	1	25.44	0.698	2	
			16-QAM	1	1	0	25.82	0.762	2
						37	25.75	0.750	2
		74				25.72	0.745	2	
		36		2	0	24.57	0.571	2	
					19	24.51	0.564	2	
					38	24.53	0.566	2	
		75		0	2	24.55	0.569	2	
		64-QAM		1	2	0	24.84	0.608	2
						37	24.78	0.600	2
			74			24.73	0.593	2	
			36	3	0	23.59	0.456	2	
					19	23.52	0.449	2	
					38	23.55	0.452	2	
			75	0	3	23.51	0.448	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 20MHz	CH 39750 2506MHz	QPSK	1	0	0	26.74	0.942	2	
				49		26.67	0.927	2	
				99		26.61	0.914	2	
			50	0	1	25.71	0.743	2	
				25		25.66	0.735	2	
				49		25.70	0.741	2	
			100	0	1	25.66	0.735	2	
			16-QAM	1	1	0	26.07	0.807	2
						49	25.80	0.759	2
		99				25.85	0.767	2	
		50		2	0	24.83	0.607	2	
					25	24.84	0.608	2	
					49	24.82	0.605	2	
		100		0	2	24.78	0.600	2	
		64-QAM		1	2	0	25.05	0.638	2
						49	24.77	0.598	2
			99			24.81	0.604	2	
			50	3	0	23.84	0.483	2	
					25	23.81	0.480	2	
					49	23.82	0.481	2	
			100	0	3	23.79	0.478	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 20MHz	CH 40620 2593MHz	QPSK	1	0	0	26.70	0.933	2	
				49		26.57	0.906	2	
				99		26.40	0.871	2	
			50	0	1	25.64	0.731	2	
				25		25.55	0.716	2	
				49		25.45	0.700	2	
			100	0	1	25.51	0.710	2	
			16-QAM	1	1	0	25.93	0.782	2
						49	25.71	0.743	2
		99				25.67	0.736	2	
		50		2	0	24.77	0.598	2	
					25	24.65	0.582	2	
					49	24.54	0.568	2	
		100		0	2	24.64	0.581	2	
		64-QAM		1	2	0	24.90	0.617	2
						49	24.75	0.596	2
			99			24.69	0.587	2	
			50	3	0	23.80	0.479	2	
					25	23.68	0.466	2	
					49	23.59	0.456	2	
			100	0	3	23.62	0.459	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 20MHz	CH 41490 2680MHz	QPSK	1	0	0	26.66	0.925	2	
				49		26.57	0.906	2	
				99		26.53	0.897	2	
			50	0	1	25.62	0.728	2	
				25		25.58	0.721	2	
				49		25.56	0.718	2	
			100	0	1	25.57	0.719	2	
			16-QAM	1	1	0	25.98	0.791	2
						49	25.87	0.771	2
		99				25.85	0.767	2	
		50		2	0	24.71	0.590	2	
					25	24.66	0.583	2	
					49	24.68	0.586	2	
		100		0	2	24.65	0.582	2	
		64-QAM		1	2	0	24.95	0.624	2
						49	24.84	0.608	2
			99			24.86	0.611	2	
			50	3	0	23.75	0.473	2	
					25	23.64	0.461	2	
					49	23.65	0.462	2	
			100	0	3	23.62	0.459	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 5MHz	CH 39675 2498.5MHz	QPSK	1	0	0	23.26	0.423	2	
				12		23.24	0.421	2	
				24		23.27	0.424	2	
			12	0	1	22.24	0.334	2	
				6		22.30	0.339	2	
				11		22.26	0.336	2	
			25	0	1	22.20	0.331	2	
			16-QAM	1	0	1	22.57	0.361	2
					12		22.57	0.361	2
		24			22.58		0.361	2	
		12		0	2	21.46	0.279	2	
				6		21.46	0.279	2	
				11		21.44	0.278	2	
		25		0	2	21.43	0.277	2	
		64-QAM		1	0	2	21.31	0.270	2
					12		21.30	0.269	2
			24		21.27		0.267	2	
			12	0	3	20.47	0.222	2	
				6		20.44	0.221	2	
				11		20.38	0.218	2	
			25	0	3	20.49	0.223	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 5MHz	CH 40620 2593MHz	QPSK	1	0	0	23.32	0.429	2	
				12		23.31	0.428	2	
				24		23.34	0.431	2	
			12	0	1	22.34	0.342	2	
				6		22.30	0.339	2	
				11		22.29	0.338	2	
			25	0	1	22.35	0.343	2	
			16-QAM	1	1	0	22.54	0.358	2
						12	22.58	0.361	2
		24				22.62	0.365	2	
		12		2	0	21.47	0.280	2	
					6	21.41	0.276	2	
					11	21.44	0.278	2	
		25		0	2	21.39	0.275	2	
		64-QAM		1	2	0	21.16	0.261	2
						12	21.15	0.260	2
			24			21.18	0.262	2	
			12	3	0	20.29	0.213	2	
					6	20.27	0.212	2	
					11	20.28	0.213	2	
			25	0	3	20.26	0.212	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 5MHz	CH 41565 2687.5MHz	QPSK	1	0	0	23.34	0.431	2	
				12		23.39	0.436	2	
				24		23.21	0.418	2	
			12	0	1	22.36	0.344	2	
				6		22.37	0.344	2	
				11		22.36	0.344	2	
			25	0	1	22.34	0.342	2	
			16-QAM	1	1	0	22.68	0.370	2
						12	22.68	0.370	2
		24				22.54	0.358	2	
		12		2	0	21.48	0.281	2	
					6	21.51	0.282	2	
					11	21.45	0.279	2	
		25		0	2	21.53	0.284	2	
		64-QAM		1	2	0	21.36	0.273	2
						12	21.27	0.267	2
			24			21.18	0.262	2	
			12	3	0	20.40	0.219	2	
					6	20.43	0.220	2	
					11	20.33	0.215	2	
			25	0	3	20.43	0.220	2	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 10MHz	CH 39700 2501MHz	QPSK	1	0	0	23.56	0.453	2	
				24		23.62	0.459	2	
				49		23.38	0.435	2	
			25	0	1	22.49	0.354	2	
				12		22.50	0.355	2	
				24		22.41	0.348	2	
			50	0	1	22.47	0.352	2	
			16-QAM	1	0	1	22.87	0.386	2
					24		22.75	0.376	2
		49			22.95		0.394	2	
		25		0	2	21.62	0.290	2	
				12		21.59	0.288	2	
				24		21.55	0.285	2	
		50		0	2	21.64	0.291	2	
		64-QAM		1	0	2	21.35	0.272	2
					24		21.27	0.267	2
			49		21.20		0.263	2	
			25	0	3	20.52	0.225	2	
				12		20.49	0.223	2	
				24		20.44	0.221	2	
			50	0	3	20.40	0.219	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 41 / 10MHz	CH 40620 2593MHz	QPSK	1	0	0	23.42	0.439	2				
				24		23.42						
				49		23.29						
			25	0	1	0	22.31	0.340	2			
						12	22.37					
						24	22.22					
				50		0	1	0	22.38	0.345	2	
								12	22.37			
								24	22.22			
		16-QAM	1	1	0	22.70	0.372	2				
					24	22.60						
					49	22.56						
			25		0	2	0	21.51	0.282	2		
							12	21.47				
							24	21.35				
					50		0	2	0	21.42	0.277	2
									12	21.47		
									24	21.35		
		64-QAM	1	2	0	21.24	0.265	2				
					24	21.27						
					49	21.18						
			25		0	3	0	20.41	0.219	2		
							12	20.37				
							24	20.23				
50	0				3		0	20.29	0.213	2		
							12	20.37				
							24	20.23				

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 41 / 10MHz	CH 41540 2685MHz	QPSK	1	0	0	23.58	0.455	2				
				24		23.38	0.435	2				
				49		23.30	0.427	2				
			25	0	1	0	22.44	0.350	2			
						12	22.42	0.348	2			
						24	22.32	0.340	2			
				50		0	1	0	22.38	0.345	2	
								12	22.38	0.345	2	
								24	22.38	0.345	2	
		16-QAM	1	1	0	22.88	0.387	2				
					24	22.71	0.372	2				
					49	22.60	0.363	2				
			25		0	2	0	21.59	0.288	2		
							12	21.56	0.286	2		
							24	21.45	0.279	2		
					50		0	2	0	21.56	0.286	2
									12	21.56	0.286	2
									24	21.56	0.286	2
		64-QAM	1	2	0	21.39	0.275	2				
					24	21.25	0.266	2				
					49	21.24	0.265	2				
			25		0	3	0	20.53	0.225	2		
							12	20.47	0.222	2		
							24	20.43	0.220	2		
50	0				3		0	20.47	0.222	2		
							12	20.47	0.222	2		
							24	20.47	0.222	2		

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 15MHz	CH 39725 2503.5MHz	QPSK	1	0	0	23.66	0.463	2	
				37		23.45	0.442	2	
				74		23.31	0.428	2	
			36	0	1	22.58	0.361	2	
				19		22.47	0.352	2	
				38		22.41	0.348	2	
			75	0	1	22.43	0.349	2	
			16-QAM	1	0	1	22.93	0.392	2
					37		22.77	0.378	2
		74			22.61		0.364	2	
		36		0	2	21.65	0.292	2	
				19		21.56	0.286	2	
				38		21.47	0.280	2	
		75		0	2	21.54	0.284	2	
		64-QAM		1	0	2	21.47	0.280	2
					37		21.23	0.265	2
			74		21.21		0.264	2	
			36	0	3	20.47	0.222	2	
				19		20.46	0.222	2	
				38		20.32	0.215	2	
			75	0	3	20.45	0.221	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 15MHz	CH 40620 2593MHz	QPSK	1	0	0	22.75	0.376	2	
				37		22.58	0.361	2	
				74		22.57	0.361	2	
			36	0	1	21.53	0.284	2	
				19		21.38	0.274	2	
				38		21.34	0.272	2	
			75	0	1	21.47	0.280	2	
			16-QAM	1	1	0	22.77	0.378	2
						37	22.59	0.362	2
		74				22.57	0.361	2	
		36		0	2	21.44	0.278	2	
				19		21.43	0.277	2	
				38		21.32	0.270	2	
		75		0	2	21.47	0.280	2	
		64-QAM		1	2	0	21.35	0.272	2
						37	21.13	0.259	2
			74			21.13	0.259	2	
			36	0	3	20.40	0.219	2	
				19		20.31	0.214	2	
				38		20.20	0.209	2	
			75	0	3	20.24	0.211	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 15MHz	CH 41515 2682.5MHz	QPSK	1	0	0	23.52	0.449	2	
				37		23.34	0.431	2	
				74		23.21	0.418	2	
			36	0	1	22.46	0.352	2	
				19		22.40	0.347	2	
				38		22.35	0.343	2	
			75	0	1	22.35	0.343	2	
			16-QAM	1	1	0	22.87	0.386	2
						37	22.67	0.369	2
		74				22.64	0.366	2	
		36		2	0	21.55	0.285	2	
					19	21.44	0.278	2	
					38	21.44	0.278	2	
		75		0	2	21.48	0.281	2	
		64-QAM		1	2	0	21.47	0.280	2
						37	21.27	0.267	2
			74			21.21	0.264	2	
			36	3	0	20.38	0.218	2	
					19	20.39	0.218	2	
					38	20.37	0.217	2	
			75	0	3	20.38	0.218	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 20MHz	CH 39750 2506MHz	QPSK	1	0	0	23.70	0.468	2	
				49		23.40	0.437	2	
				99		23.22	0.419	2	
			50	0	1	22.55	0.359	2	
				25		22.51	0.356	2	
				49		22.39	0.346	2	
			100	0	1	22.47	0.352	2	
			16-QAM	1	0	1	22.93	0.392	2
					49		22.70	0.372	2
		99			22.48		0.353	2	
		50		0	2	21.63	0.290	2	
				25		21.60	0.288	2	
				49		21.51	0.282	2	
		100		0	2	21.61	0.289	2	
		64-QAM		1	0	2	21.49	0.281	2
					49		21.23	0.265	2
			99		21.13		0.259	2	
			50	0	3	20.49	0.223	2	
				25		20.44	0.221	2	
				49		20.36	0.217	2	
			100	0	3	20.34	0.216	2	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 20MHz	CH 40620 2593MHz	QPSK	1	0	0	23.56	0.453	2	
				49		23.29	0.426	2	
				99		23.27	0.424	2	
			50	0	1	22.51	0.356	2	
				25		22.41	0.348	2	
				49		22.30	0.339	2	
			100	0	1	22.34	0.342	2	
			16-QAM	1	1	0	22.84	0.384	2
						49	22.60	0.363	2
		99				22.52	0.356	2	
		50		2	0	21.58	0.287	2	
					25	21.54	0.284	2	
					49	21.38	0.274	2	
		100		0	2	21.43	0.277	2	
		64-QAM		1	2	0	21.42	0.277	2
						49	21.13	0.259	2
			99			21.08	0.256	2	
			50	3	0	20.37	0.217	2	
					25	20.35	0.216	2	
					49	20.20	0.209	2	
			100	0	3	20.31	0.214	2	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 41 / 20MHz	CH 41490 2680MHz	QPSK	1	0	0	23.59	0.456	2	
				49		23.42	0.439	2	
				99		23.32	0.429	2	
			50	0	1	22.53	0.357	2	
				25		22.42	0.348	2	
				49		22.33	0.341	2	
			100	0	1	22.41	0.348	2	
			16-QAM	1	1	0	22.9	0.389	2
						49	22.7	0.372	2
		99				22.62	0.365	2	
		50		2	0	21.68	0.294	2	
					25	21.57	0.286	2	
					49	21.51	0.282	2	
		100		0	2	21.58	0.287	2	
		64-QAM		1	2	0	21.50	0.282	2
						49	21.30	0.269	2
			99			21.13	0.259	2	
			50	3	0	20.48	0.223	2	
					25	20.42	0.220	2	
					49	20.39	0.218	2	
			100	0	3	20.41	0.219	2	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 16: LTE Band 66		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 1.4MHz	CH 131979 / 1710.7MHz	QPSK	1	0	0	23.74	0.530	1	
				2		23.78	0.535	1	
				5		23.71	0.526	1	
			3	0	0	23.76	0.532	1	
				1		23.86	0.545	1	
				2		23.85	0.543	1	
			6	0	1	22.76	0.423	1	
			16-QAM	1	1	0	22.87	0.434	1
						2	22.94	0.441	1
		5				22.89	0.436	1	
		3		1	0	23.08	0.455	1	
					1	23.17	0.465	1	
					2	23.16	0.463	1	
		6		0	2	22.05	0.359	1	
		64-QAM		1	2	0	21.64	0.327	1
						2	21.75	0.335	1
			5			21.67	0.329	1	
			3	2	0	21.51	0.317	1	
					1	21.56	0.321	1	
					2	21.55	0.320	1	
			6	0	3	20.44	0.248	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 1.4MHz	CH 132322 1745MHz	QPSK	1	0	0	23.49	0.500	1	
				2		23.55	0.507	1	
				5		23.49	0.500	1	
			3	0	0	23.41	0.491	1	
				1		23.49	0.500	1	
				2		23.49	0.500	1	
			6	0	1	22.46	0.394	1	
			16-QAM	1	1	0	22.60	0.407	1
						2	22.65	0.412	1
		5				22.59	0.406	1	
		3		1	0	22.55	0.403	1	
					1	22.62	0.409	1	
					2	22.61	0.408	1	
		6		0	2	21.67	0.329	1	
		64-QAM		1	2	0	21.60	0.324	1
						2	21.56	0.321	1
			5			21.65	0.327	1	
			3	2	0	21.40	0.309	1	
					1	21.48	0.315	1	
					2	21.50	0.316	1	
			6	0	3	20.40	0.245	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 1.4MHz	CH 132665 1779.3MHz	QPSK	1	0	0	23.05	0.452	1	
				2		23.09	0.456	1	
				5		23.02	0.449	1	
			3	0	0	23.04	0.451	1	
				1		23.09	0.456	1	
				2		23.10	0.457	1	
			6	0	1	22.02	0.356	1	
			16-QAM	1	1	0	22.43	0.392	1
						2	22.48	0.396	1
		5				22.43	0.392	1	
		3		1	0	22.26	0.377	1	
					1	22.31	0.381	1	
					2	22.32	0.382	1	
		6		0	2	21.02	0.283	1	
		64-QAM		1	2	0	21.33	0.304	1
						2	21.45	0.313	1
			5			21.48	0.315	1	
			3	2	0	21.20	0.295	1	
					1	21.12	0.290	1	
					2	21.31	0.303	1	
			6	0	3	20.12	0.230	1	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 16: LTE Band 66		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 3MHz	CH 131987 1711.5MHz	QPSK	1	0	0	23.82	0.540	1	
				7		23.92	0.552	1	
				14		23.82	0.540	1	
			8	0	1	22.84	0.431	1	
				4		22.87	0.434	1	
				7		22.81	0.428	1	
			15	0	1	22.87	0.434	1	
			16-QAM	1	1	0	22.85	0.432	1
						7	22.92	0.439	1
		14				22.79	0.426	1	
		8		2	0	22.03	0.357	1	
					4	22.02	0.356	1	
					7	21.99	0.354	1	
		15		0	2	20.90	0.275	1	
		64-QAM		1	2	0	21.78	0.337	1
						7	21.61	0.324	1
			14			21.64	0.327	1	
			8	3	0	20.46	0.249	1	
					4	20.49	0.251	1	
					7	20.38	0.244	1	
			15	0	3	20.44	0.248	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 3MHz	CH 132322 1745MHz	QPSK	1	0	0	23.52	0.504	1	
				7		23.61	0.514	1	
				14		23.47	0.498	1	
			8	0	1	22.53	0.401	1	
				4		22.56	0.404	1	
				7		22.52	0.400	1	
			15	0	1	22.54	0.402	1	
			16-QAM	1	1	0	22.93	0.440	1
						7	23.03	0.450	1
		14				22.91	0.438	1	
		8		2	0	21.70	0.331	1	
					4	21.71	0.332	1	
					7	21.65	0.327	1	
		15		0	2	21.64	0.327	1	
		64-QAM		1	2	0	21.74	0.334	1
						7	21.71	0.332	1
			14			21.70	0.331	1	
			8	3	0	20.39	0.245	1	
					4	20.31	0.240	1	
					7	20.41	0.246	1	
			15	0	3	20.35	0.243	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 66 / 3MHz	CH 132657 1778.5MHz	QPSK	1	0	0	23.08	0.455	1			
				7		23.15	0.462	1			
				14		23.03	0.450	1			
			8	0	1	0	22.10	0.363	1		
						4	22.11	0.364	1		
						7	22.09	0.362	1		
				15		0	22.09	0.362	1		
						1	1	0	22.16	0.368	1
								7	22.22	0.373	1
		14	22.14	0.366	1						
		16-QAM	8	2	0	21.22	0.296	1			
					4	21.24	0.298	1			
					7	21.20	0.295	1			
			15		21.14	0.291	1				
			64-QAM		1	2	0	21.53	0.318	1	
							7	21.62	0.325	1	
							14	21.61	0.324	1	
		8		3	0		20.24	0.237	1		
			4		20.30	0.240	1				
			7		20.16	0.232	1				
		15	20.15	0.232	1						

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 16: LTE Band 66		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 5MHz	CH 131997 / 1712.5MHz	QPSK	1	0	0	23.99	0.561	1	
				12		23.92	0.552	1	
				24		23.91	0.551	1	
			12	0	1	22.87	0.434	1	
				6		22.86	0.433	1	
				11		22.85	0.432	1	
			25	0	1	22.89	0.436	1	
			16-QAM	1	0	1	23.13	0.460	1
					12		23.06	0.453	1
		24			23.07		0.454	1	
		12		0	2	22.08	0.361	1	
				6		22.08	0.361	1	
				11		22.06	0.360	1	
		25		0	2	22.03	0.357	1	
		64-QAM		1	0	2	21.40	0.309	1
					12		21.45	0.313	1
			24		21.52		0.318	1	
			12	0	3	20.13	0.231	1	
				6		20.12	0.230	1	
				11		20.16	0.232	1	
			25	0	3	20.16	0.232	1	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 5MHz	CH 132322 1745MHz	QPSK	1	0	0	23.57	0.509	1	
				12		23.53	0.505	1	
				24		23.52	0.504	1	
			12	0	1	22.59	0.406	1	
				6		22.58	0.406	1	
				11		22.55	0.403	1	
			25	0	1	22.57	0.405	1	
			16-QAM	1	0	1	23.18	0.466	1
					12		23.10	0.457	1
					24		23.05	0.452	1
				12	0	2	21.79	0.338	1
					6		21.79	0.338	1
		11			21.76		0.336	1	
		25		0	2	21.70	0.331	1	
		64-QAM		1	0	2	21.55	0.320	1
					12		21.53	0.318	1
					24		21.41	0.310	1
				12	0	3	20.20	0.234	1
					6		20.23	0.236	1
			11		20.13		0.231	1	
			25	0	3	20.16	0.232	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP			
Band 66 / 5MHz	CH 132647 1777.5MHz	QPSK	1	0	0	23.16	0.463	1			
				12		23.15	0.462	1			
				24		23.13	0.460	1			
			12	0	1	0	22.12	0.365	1		
						6	22.16	0.368	1		
						11	22.14	0.366	1		
				25		0	22.15	0.367	1		
						1	1	0	22.35	0.385	1
								12	22.23	0.374	1
		24	22.27	0.378	1						
		16-QAM	12	2	0	21.29	0.301	1			
					6	23.29	0.478	1			
					11	21.26	0.299	1			
			25		0	21.18	0.294	1			
					1	2	0	21.41	0.310	1	
							12	21.57	0.321	1	
		24	21.62	0.325			1				
		64-QAM	12	3	0	20.17	0.233	1			
					6	20.22	0.236	1			
					11	20.22	0.236	1			
			25		0	20.12	0.230	1			

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 16: LTE Band 66		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 10MHz	CH 132022 1715MHz	QPSK	1	0	0	23.74	0.530	1	
				24		23.66	0.520	1	
				49		23.70	0.525	1	
			25	0	1	22.98	0.445	1	
				12		22.96	0.443	1	
				24		22.84	0.431	1	
			50	0	1	22.89	0.436	1	
			16-QAM	1	0	1	23.12	0.459	1
					24		23.11	0.458	1
		49			23.13		0.460	1	
		25		0	2	22.17	0.369	1	
				12		22.07	0.361	1	
				24		22.02	0.356	1	
		50		0	2	22.06	0.360	1	
		64-QAM		1	0	2	21.79	0.338	1
					24		21.61	0.324	1
			49		21.73		0.333	1	
			25	0	3	20.44	0.248	1	
				12		20.43	0.247	1	
				24		20.41	0.246	1	
			50	0	3	20.42	0.247	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 10MHz	CH 132322 1745MHz	QPSK	1	0	0	23.64	0.518	1	
				24		23.38	0.488	1	
				49		23.31	0.480	1	
			25	0	1	22.57	0.405	1	
				12		22.46	0.394	1	
				24		22.43	0.392	1	
			50	0	1	22.42	0.391	1	
			16-QAM	1	0	1	23.07	0.454	1
					24		22.90	0.437	1
		49			22.68		0.415	1	
		25		0	2	21.66	0.328	1	
				12		21.61	0.324	1	
				24		21.56	0.321	1	
		50		0	2	21.59	0.323	1	
		64-QAM		1	0	2	21.67	0.329	1
					24		21.72	0.333	1
			49		21.52		0.318	1	
			25	0	3	20.43	0.247	1	
				12		20.40	0.245	1	
				24		20.35	0.243	1	
			50	0	3	20.41	0.246	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 66 / 10MHz	CH 132622 1775MHz	QPSK	1	0	0	23.27	0.475	1		
				24		22.93	0.440	1		
				49		22.87	0.434	1		
			25	0	1	0	22.13	0.366	1	
						12	21.95	0.351	1	
						24	21.93	0.349	1	
				50	0	1	0	22.11	0.364	1
							12	21.95	0.351	1
							24	21.93	0.349	1
		16-QAM	1	1	0	22.86	0.433	1		
					24	22.54	0.402	1		
					49	22.37	0.386	1		
			25	0	2	0	21.29	0.301	1	
						12	21.16	0.292	1	
						24	21.13	0.290	1	
				50	0	2	0	21.25	0.299	1
							12	21.16	0.292	1
							24	21.13	0.290	1
		64-QAM	1	2	0	21.54	0.319	1		
					24	21.66	0.328	1		
					49	21.56	0.321	1		
			25	0	3	0	20.38	0.244	1	
						12	20.26	0.238	1	
						24	20.19	0.234	1	
50	0			3	0	20.32	0.241	1		
					12	20.26	0.238	1		
					24	20.19	0.234	1		

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 16: LTE Band 66		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP		
Band 66 / 15MHz	CH 132047 1717.5MHz	QPSK	1	0	0	23.98	0.560	1		
				37		23.69	0.524	1		
				74		23.70	0.525	1		
			36	0	1	22.96	0.443	1		
				19		22.83	0.430	1		
				38		22.70	0.417	1		
			75	0	1	22.80	0.427	1		
			16-QAM	1	1	0	1	23.23	0.471	1
						37		23.28	0.476	1
		74				23.23		0.471	1	
		36		0	2	22.05	0.359	1		
				19		21.96	0.352	1		
				38		21.88	0.345	1		
		75		0	2	22.00	0.355	1		
		64-QAM		1	2	0	2	21.80	0.339	1
						37		21.78	0.337	1
			74			21.63		0.326	1	
			36	0	3	20.45	0.248	1		
				19		20.45	0.248	1		
				38		20.38	0.244	1		
			75	0	3	20.37	0.244	1		

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP				
Band 66 / 15MHz	CH 132322 1745MHz	QPSK	1	0	0	23.79	0.536	1				
				37		23.49	0.500	1				
				74		23.39	0.489	1				
			36	0	1	0	22.61	0.408	1			
						19	22.55	0.403	1			
						38	22.43	0.392	1			
				75		0	22.55	0.403	1			
						16-QAM	1	1	0	23.08	0.455	1
									37	23.00	0.447	1
		74	22.83	0.430	1							
		36	0	2	0	21.77	0.337	1				
					19	21.61	0.324	1				
					38	21.52	0.318	1				
			75		0	21.66	0.328	1				
					64-QAM	1	2	0	21.70	0.331	1	
								37	21.73	0.333	1	
		74	21.47	0.314				1				
		36	0	3		0		20.51	0.252	1		
						19		20.43	0.247	1		
						38		20.39	0.245	1		
		75	0		3	20.35	0.243	1				

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 15MHz	CH 132597 1772.5MHz	QPSK	1	0	0	23.52	0.504	1	
				37		23.13	0.460	1	
				74		23.06	0.453	1	
			36	0	1	22.38	0.387	1	
				19		22.30	0.380	1	
				38		22.16	0.368	1	
			75	0	1	22.23	0.374	1	
			16-QAM	1	1	0	22.75	0.422	1
						37	22.53	0.401	1
		74				22.60	0.407	1	
		36		2	0	21.53	0.318	1	
					19	21.42	0.310	1	
					38	21.24	0.298	1	
		75		0	2	21.41	0.310	1	
		64-QAM		1	2	0	21.68	0.330	1
						37	21.62	0.325	1
			74			21.46	0.313	1	
			36	3	0	20.36	0.243	1	
					19	20.37	0.244	1	
					38	20.28	0.239	1	
			75	0	3	20.33	0.242	1	



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 16: LTE Band 66		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 20MHz	CH 132072 1720MHz	QPSK	1	0	0	23.98	0.560	1	
				49		23.76	0.532	1	
				99		23.58	0.511	1	
			50	0	1	22.91	0.438	1	
				25		22.76	0.423	1	
				49		22.78	0.425	1	
			100	0	1	22.86	0.433	1	
			16-QAM	1	1	0	23.17	0.465	1
						49	23.25	0.473	1
		99				23.20	0.468	1	
		50		2	0	22.09	0.362	1	
					25	22.00	0.355	1	
					49	21.79	0.338	1	
		100		0	2	21.94	0.350	1	
		64-QAM		1	2	0	21.38	0.308	1
						49	21.48	0.315	1
			99			21.49	0.316	1	
			50	3	0	20.16	0.232	1	
					25	20.12	0.230	1	
					49	20.17	0.233	1	
			100	0	3	20.13	0.231	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 20MHz	CH 132322 1745MHz	QPSK	1	0	0	23.78	0.535	1	
				49		23.46	0.497	1	
				99		23.23	0.471	1	
			50	0	1	22.68	0.415	1	
				25		22.57	0.405	1	
				49		22.41	0.390	1	
			100	0	1	22.55	0.403	1	
			16-QAM	1	1	0	23.15	0.462	1
						49	22.98	0.445	1
		99				22.74	0.421	1	
		50		2	0	21.79	0.338	1	
					25	21.69	0.330	1	
					49	21.56	0.321	1	
		100		0	2	21.65	0.327	1	
		64-QAM		1	2	0	21.54	0.319	1
						49	21.56	0.321	1
			99			21.43	0.311	1	
			50	3	0	20.20	0.234	1	
					25	20.25	0.237	1	
					49	20.11	0.230	1	
			100	0	3	20.16	0.232	1	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP	
Band 66 / 20MHz	CH 132572 1770MHz	QPSK	1	0	0	23.60	0.513	1	
				49		23.26	0.474	1	
				99		23.10	0.457	1	
			50	0	1	21.41	0.310	1	
				25		22.29	0.379	1	
				49		22.22	0.373	1	
			100	0	1	22.40	0.389	1	
			16-QAM	1	1	0	23.11	0.458	1
						49	22.75	0.422	1
		99				22.56	0.404	1	
		50		2	0	21.53	0.318	1	
					25	21.48	0.315	1	
					49	21.38	0.308	1	
		100		0	2	21.50	0.316	1	
		64-QAM		1	2	0	21.42	0.310	1
						49	21.54	0.319	1
			99			21.60	0.324	1	
			50	3	0	20.18	0.233	1	
					25	20.21	0.235	1	
					49	20.24	0.237	1	
			100	0	3	20.15	0.232	1	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 17: LTE Band 71		
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Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP				
Band 71 / 5MHz	CH 113147 665.5MHz	QPSK	1	0	0	22.77	0.163	3				
				12		22.74						
				24		22.81						
			12	0	1	1	0	21.85	0.132	3		
							6	21.83				
							11	21.77				
				25		0	1	1	0	21.86	0.132	3
									12	21.91		
									24	21.98		
		16-QAM	12	0	2	2	0	0.108	3			
							6			20.95		
							11			20.96		
					25	0	2	2	0	0.107	3	
									12			20.85
									24			20.85
				64-QAM	1	0	2	2	0	0.123	3	
									12			21.41
									24			21.54
		12	0				3	3	0	0.098	3	
									6			20.60
									11			20.71
		25	0			3	3	0	0.099	3		
								12			20.49	
								24			20.49	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 5MHz	CH 133297 680.5MHz	QPSK	1	0	0	22.93	0.169	3	
				12		22.91	0.168	3	
				24		22.96	0.170	3	
			12	0	1	21.91	0.134	3	
				6		21.89	0.133	3	
				11		21.85	0.132	3	
			25	0	1	21.93	0.134	3	
			16-QAM	1	0	1	22.03	0.137	3
					12		22.00	0.136	3
		24			21.97		0.136	3	
		12		0	2	21.04	0.109	3	
				6		21.02	0.109	3	
				11		21.13	0.112	3	
		25		0	2	20.95	0.107	3	
		64-QAM		1	0	2	21.61	0.125	3
					12		21.45	0.120	3
			24		21.56		0.123	3	
			12	0	3	20.65	0.100	3	
				6		20.62	0.099	3	
				11		20.78	0.103	3	
			25	0	3	20.55	0.098	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 5MHz	CH 133447 695.5MHz	QPSK	1	0	0	22.61	0.157	3	
				12		22.68	0.160	3	
				24		22.59	0.156	3	
			12	0	1	21.64	0.126	3	
				6		21.68	0.127	3	
				11		21.61	0.125	3	
			25	0	1	21.64	0.126	3	
			16-QAM	1	1	0	22.23	0.144	3
						12	22.19	0.143	3
		24				22.21	0.143	3	
		12		2	0	20.88	0.105	3	
					6	20.84	0.104	3	
					11	20.81	0.104	3	
		25		0	2	20.76	0.103	3	
		64-QAM		1	2	0	21.78	0.130	3
						12	21.66	0.126	3
			24			21.76	0.129	3	
			12	3	0	20.51	0.097	3	
					6	20.36	0.094	3	
					11	20.41	0.095	3	
			25	0	3	20.34	0.093	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 10MHz	CH 133172 668MHz	QPSK	1	0	0	22.75	0.162	3	
				24		22.79	0.164	3	
				49		22.74	0.162	3	
			25	0	1	21.88	0.133	3	
				12		21.83	0.131	3	
				24		21.86	0.132	3	
			50	0	1	21.87	0.132	3	
			16-QAM	1	0	1	21.76	0.129	3
					24		21.79	0.130	3
		49			21.72		0.128	3	
		25		0	2	20.96	0.107	3	
				12		20.99	0.108	3	
				24		20.91	0.106	3	
		50		0	2	20.93	0.107	3	
		64-QAM		1	0	2	21.31	0.116	3
					24		21.26	0.115	3
			49		21.27		0.115	3	
			25	0	3	20.59	0.099	3	
				12		20.54	0.097	3	
				24		20.44	0.095	3	
			50	0	3	20.42	0.095	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 10MHz	CH 133297 680.5MHz	QPSK	1	0	0	22.93	0.169	3	
				24		22.90	0.168	3	
				49		22.95	0.170	3	
			25	0	1	21.94	0.135	3	
				12		21.92	0.134	3	
				24		21.90	0.133	3	
			50	0	1	21.88	0.133	3	
			16-QAM	1	0	1	22.29	0.146	3
					24		22.33	0.147	3
		49			22.27		0.145	3	
		25		0	2	21.04	0.109	3	
				12		21.13	0.112	3	
				24		21.11	0.111	3	
		50		0	2	21.07	0.110	3	
		64-QAM		1	0	2	21.84	0.132	3
					24		21.78	0.130	3
			49		21.85		0.132	3	
			25	0	3	20.65	0.100	3	
				12		20.63	0.100	3	
				24		20.60	0.099	3	
			50	0	3	20.59	0.099	3	



Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 10MHz	CH 133421 693MHz	QPSK	1	0	0	22.66	0.159	3	
				24		22.63	0.158	3	
				49		22.64	0.158	3	
			25	0	1	21.69	0.127	3	
				12		21.62	0.125	3	
				24		21.58	0.124	3	
			50	0	1	21.63	0.125	3	
			16-QAM	1	0	1	21.72	0.128	3
					24		21.77	0.129	3
		49			21.79		0.130	3	
		25		0	2	20.84	0.104	3	
				12		20.82	0.104	3	
				24		20.87	0.105	3	
		50		0	2	20.75	0.102	3	
		64-QAM		1	0	2	21.27	0.115	3
					24		21.22	0.114	3
			49		21.37		0.118	3	
			25	0	3	20.45	0.095	3	
				12		20.32	0.093	3	
				24		20.36	0.094	3	
			50	0	3	20.27	0.092	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 15MHz	CH 133197 670.5MHz	QPSK	1	0	0	23.27	0.183	3	
				37		23.25	0.182	3	
				74		23.24	0.182	3	
			36	0	1	23.04	0.173	3	
				19		23.06	0.174	3	
				38		23.11	0.176	3	
			75	0	1	22.06	0.138	3	
			16-QAM	1	1	0	22.19	0.143	3
						37	22.14	0.141	3
		74				22.16	0.142	3	
		36		2	0	21.27	0.115	3	
					19	21.16	0.112	3	
					38	21.23	0.114	3	
		75		0	2	21.15	0.112	3	
		64-QAM		1	2	0	21.74	0.129	3
						37	21.59	0.124	3
			74			21.61	0.125	3	
			36	3	0	20.85	0.105	3	
					19	20.77	0.103	3	
					38	20.73	0.102	3	
			75	0	3	20.64	0.100	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 15MHz	CH 133297 680.5MHz	QPSK	1	0	0	23.37	0.187	3	
				37		23.35	0.186	3	
				74		23.41	0.189	3	
			36	0	1	23.11	0.176	3	
				19		23.07	0.175	3	
				38		23.16	0.178	3	
			75	0	1	22.06	0.138	3	
			16-QAM	1	1	0	22.78	0.163	3
						37	22.83	0.165	3
		74				22.74	0.162	3	
		36		2	0	21.26	0.115	3	
					19	21.30	0.116	3	
					38	21.38	0.118	3	
		75		0	2	21.17	0.113	3	
		64-QAM		1	2	0	22.25	0.145	3
						37	22.38	0.149	3
			74			22.37	0.149	3	
			36	3	0	20.81	0.104	3	
					19	20.85	0.105	3	
					38	20.83	0.104	3	
			75	0	3	20.75	0.102	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 15MHz	CH 133397 690.5MHz	QPSK	1	0	0	23.37	0.187	3	
				37		23.31	0.185	3	
				74		23.42	0.189	3	
			36	0	1	22.95	0.170	3	
				19		22.89	0.167	3	
				38		23.01	0.172	3	
			75	0	1	21.87	0.132	3	
			16-QAM	1	1	0	23.18	0.179	3
						37	23.13	0.177	3
		74				23.16	0.178	3	
		36		2	0	21.99	0.136	3	
					19	22.04	0.138	3	
					38	22.05	0.138	3	
		75		0	2	20.95	0.107	3	
		64-QAM		1	2	0	22.76	0.163	3
						37	22.74	0.162	3
			74			22.75	0.162	3	
			36	3	0	21.60	0.124	3	
					19	21.64	0.126	3	
					38	21.70	0.127	3	
			75	0	3	20.55	0.098	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/07/12	Test Site	SR10-H

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 20MHz	CH 133222 673MHz	QPSK	1	0	0	23.68	0.201	3	
				49		23.72	0.203	3	
				99		23.71	0.202	3	
			50	0	1	22.16	0.142	3	
				25		22.12	0.140	3	
				49		22.17	0.142	3	
			100	0	1	22.11	0.140	3	
			16-QAM	1	0	1	23.26	0.182	3
					49		23.18	0.179	3
		99			23.24		0.182	3	
		50		0	2	22.28	0.146	3	
				25		22.32	0.147	3	
				49		22.26	0.145	3	
		100		0	2	21.35	0.117	3	
		64-QAM		1	0	2	22.89	0.167	3
					49		22.70	0.160	3
			99		22.82		0.165	3	
			50	0	3	21.93	0.134	3	
				25		21.79	0.130	3	
				49		21.81	0.131	3	
			100	0	3	20.98	0.108	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 20MHz	CH 133297 680.5MHz	QPSK	1	0	0	23.77	0.205	3	
				49		23.72	0.203	3	
				99		23.81	0.207	3	
			50	0	1	23.17	0.179	3	
				25		23.18	0.179	3	
				49		23.13	0.177	3	
			100	0	1	22.22	0.144	3	
			16-QAM	1	1	0	23.09	0.175	3
						49	23.12	0.177	3
		99				23.17	0.179	3	
		50		2	0	22.27	0.145	3	
					25	22.31	0.147	3	
					49	22.28	0.146	3	
		100		0	2	21.25	0.115	3	
		64-QAM		1	2	0	22.61	0.157	3
						49	22.59	0.156	3
			99			22.72	0.161	3	
			50	3	0	21.90	0.133	3	
					25	21.94	0.135	3	
					49	21.80	0.130	3	
			100	0	3	20.88	0.105	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP	
Band 71 / 20MHz	CH 133371 688MHz	QPSK	1	0	0	23.84	0.208	3	
				49		22.68	0.160	3	
				99		23.38	0.187	3	
			50	0	1	22.16	0.142	3	
				25		21.87	0.132	3	
				49		21.87	0.132	3	
			100	0	1	22.05	0.138	3	
			16-QAM	1	1	0	23.16	0.178	3
						49	22.11	0.140	3
		99				22.83	0.165	3	
		50		2	0	21.21	0.114	3	
					25	20.93	0.107	3	
					49	20.96	0.107	3	
		100		0	2	21.11	0.111	3	
		64-QAM		1	2	0	22.74	0.162	3
						49	21.76	0.129	3
			99			22.46	0.152	3	
			50	3	0	20.73	0.102	3	
					25	20.40	0.094	3	
					49	20.51	0.097	3	
			100	0	3	20.74	0.102	3	

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 18: LTE CA 2A-5A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	
2	5	18625	1852.5	QPSK	1	0	21.89	0.346	2	5	5	20425	826.5	QPSK	1	0	21.2	0.114	7
2	5	18625	1852.5	QPSK	1	24	21.56	0.321	2	5	5	20425	826.5	QPSK	1	24	21.24	0.115	7
2	5	18625	1852.5	QPSK	8	0	21.93	0.349	2	5	5	20425	826.5	QPSK	8	0	21.33	0.117	7
2	5	18625	1852.5	QPSK	8	17	21.97	0.352	2	5	5	20425	826.5	QPSK	8	17	21.35	0.117	7
2	5	18900	1880	QPSK	1	0	20.48	0.250	2	5	5	20525	836.5	QPSK	1	0	21.47	0.121	7
2	5	18900	1880	QPSK	1	24	20.52	0.252	2	5	5	20525	836.5	QPSK	1	24	21.36	0.118	7
2	5	18900	1880	QPSK	8	0	20.65	0.260	2	5	5	20525	836.5	QPSK	8	0	21.45	0.120	7
2	5	18900	1880	QPSK	8	17	20.7	0.263	2	5	5	20525	836.5	QPSK	8	17	21.38	0.118	7
2	5	19175	1907.5	QPSK	1	0	21.17	0.293	2	5	5	20625	846.5	QPSK	1	0	21.46	0.121	7
2	5	19175	1907.5	QPSK	1	24	20.65	0.260	2	5	5	20625	846.5	QPSK	1	24	21.23	0.114	7
2	5	19175	1907.5	QPSK	8	0	21.25	0.299	2	5	5	20625	846.5	QPSK	8	0	21.39	0.119	7
2	5	19175	1907.5	QPSK	8	17	20.9	0.275	2	5	5	20625	846.5	QPSK	8	17	21.34	0.117	7
2	10	18650	1855	QPSK	1	0	21.48	0.315	2	5	5	20425	826.5	QPSK	1	0	21.17	0.113	7
2	10	18650	1855	QPSK	1	49	20.98	0.281	2	5	5	20425	826.5	QPSK	1	49	21.28	0.116	7
2	10	18650	1855	QPSK	12	0	21.66	0.328	2	5	5	20425	826.5	QPSK	8	0	21.24	0.115	7
2	10	18650	1855	QPSK	12	38	22.12	0.365	2	5	5	20425	826.5	QPSK	8	17	21.36	0.118	7
2	10	18900	1880	QPSK	1	0	19.85	0.216	2	5	5	20525	836.5	QPSK	1	0	21.42	0.119	7
2	10	18900	1880	QPSK	1	49	19.84	0.216	2	5	5	20525	836.5	QPSK	1	49	21.41	0.119	7
2	10	18900	1880	QPSK	12	0	21.21	0.296	2	5	5	20525	836.5	QPSK	8	0	21.49	0.121	7
2	10	18900	1880	QPSK	12	38	20.5	0.251	2	5	5	20525	836.5	QPSK	8	17	21.37	0.118	7
2	10	19150	1905	QPSK	1	0	20.51	0.252	2	5	5	20625	846.5	QPSK	1	0	21.41	0.119	7
2	10	19150	1905	QPSK	1	49	20.38	0.244	2	5	5	20625	846.5	QPSK	1	49	21.27	0.115	7
2	10	19150	1905	QPSK	12	0	21.54	0.319	2	5	5	20625	846.5	QPSK	8	0	21.33	0.117	7
2	10	19150	1905	QPSK	12	38	21.18	0.294	2	5	5	20625	846.5	QPSK	8	17	21.26	0.115	7



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 18: LTE CA 2A-5A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	PCC				Power		Limit	Band	Bandwidth (MHz)	SCC				Power		Limit		
		UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)				UL CA Tx. Power (W)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset		UL CA Tx. Power (dBm)	UL CA Tx. Power (W)
2	5	18625	1852.5	QPSK	1	0	21.84	0.342	2	5	10	20450	829	QPSK	1	0	21.2	0.114	7
2	5	18625	1852.5	QPSK	1	24	19.88	0.218	2	5	10	20450	829	QPSK	1	49	21.43	0.120	7
2	5	18625	1852.5	QPSK	8	0	21.62	0.325	2	5	10	20450	829	QPSK	12	0	21.31	0.116	7
2	5	18625	1852.5	QPSK	8	17	21.63	0.326	2	5	10	20450	829	QPSK	12	38	21.44	0.120	7
2	5	18900	1880	QPSK	1	0	20.95	0.279	2	5	10	20525	836.5	QPSK	1	0	21.48	0.121	7
2	5	18900	1880	QPSK	1	24	20.47	0.249	2	5	10	20525	836.5	QPSK	1	49	21.37	0.118	7
2	5	18900	1880	QPSK	8	0	21.05	0.285	2	5	10	20525	836.5	QPSK	12	0	21.57	0.124	7
2	5	18900	1880	QPSK	8	17	20.64	0.259	2	5	10	20525	836.5	QPSK	12	38	21.44	0.120	7
2	5	19175	1907.5	QPSK	1	0	21.1	0.288	2	5	10	20600	844	QPSK	1	0	21.47	0.121	7
2	5	19175	1907.5	QPSK	1	24	20.58	0.256	2	5	10	20600	844	QPSK	1	49	21.32	0.117	7
2	5	19175	1907.5	QPSK	8	0	21.42	0.310	2	5	10	20600	844	QPSK	12	0	21.45	0.120	7
2	5	19175	1907.5	QPSK	8	17	21.06	0.286	2	5	10	20600	844	QPSK	12	49	21.36	0.118	7
2	10	18650	1855	QPSK	1	0	21.39	0.308	2	5	10	20450	829	QPSK	1	0	21.23	0.114	7
2	10	18650	1855	QPSK	1	49	19.78	0.213	2	5	10	20450	829	QPSK	1	49	21.41	0.119	7
2	10	18650	1855	QPSK	12	0	21.76	0.336	2	5	10	20450	829	QPSK	12	0	21.34	0.117	7
2	10	18650	1855	QPSK	12	38	22.07	0.361	2	5	10	20450	829	QPSK	12	38	21.43	0.120	7
2	10	18900	1880	QPSK	1	0	19.86	0.217	2	5	10	20525	836.5	QPSK	1	0	21.4	0.119	7
2	10	18900	1880	QPSK	1	49	19.85	0.216	2	5	10	20525	836.5	QPSK	1	49	21.36	0.118	7
2	10	18900	1880	QPSK	12	0	21.12	0.290	2	5	10	20525	836.5	QPSK	12	0	21.53	0.122	7
2	10	18900	1880	QPSK	12	38	20.45	0.248	2	5	10	20525	836.5	QPSK	12	38	21.43	0.120	7
2	10	19150	1905	QPSK	1	0	20.48	0.250	2	5	10	20600	844	QPSK	1	0	21.45	0.120	7
2	10	19150	1905	QPSK	1	49	20.47	0.249	2	5	10	20600	844	QPSK	1	49	21.29	0.116	7
2	10	19150	1905	QPSK	12	0	21.6	0.324	2	5	10	20600	844	QPSK	12	0	21.46	0.121	7
2	10	19150	1905	QPSK	12	38	21.15	0.292	2	5	10	20600	844	QPSK	12	38	21.32	0.117	7

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 18: LTE CA 2A-5A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
2	20	18700	1860	QPSK	1	0	19.87	0.217	2	5	10	20450	829	QPSK	1	0	21.2	0.114	7
2	20	18700	1860	QPSK	1	99	19.31	0.191	2	5	10	20450	829	QPSK	1	49	21.38	0.118	7
2	20	18700	1860	QPSK	18	0	21.48	0.315	2	5	10	20450	829	QPSK	12	0	21.41	0.119	7
2	20	18700	1860	QPSK	18	82	21.09	0.288	2	5	10	20450	829	QPSK	12	38	21.42	0.119	7
2	20	18900	1880	QPSK	1	0	19.49	0.199	2	5	10	20525	836.5	QPSK	1	0	21.48	0.121	7
2	20	18900	1880	QPSK	1	99	19.24	0.188	2	5	10	20525	836.5	QPSK	1	49	21.33	0.117	7
2	20	18900	1880	QPSK	18	0	20.86	0.273	2	5	10	20525	836.5	QPSK	12	0	21.55	0.123	7
2	20	18900	1880	QPSK	18	82	20.25	0.237	2	5	10	20525	836.5	QPSK	12	38	21.4	0.119	7
2	20	19100	1900	QPSK	1	0	19.44	0.197	2	5	10	20600	844	QPSK	1	0	21.39	0.119	7
2	20	19100	1900	QPSK	1	99	19.83	0.215	2	5	10	20600	844	QPSK	1	49	21.33	0.117	7
2	20	19100	1900	QPSK	18	0	20.63	0.259	2	5	10	20600	844	QPSK	12	0	21.49	0.121	7
2	20	19100	1900	QPSK	18	82	21.21	0.296	2	5	10	20600	844	QPSK	12	38	21.4	0.119	7

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 19: LTE CA 2A-12A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	
2	5	18625	1852.5	QPSK	1	0	20.74	0.265	2	12	3	23025	700.5	QPSK	1	0	20.55	0.098	3
2	5	18625	1852.5	QPSK	1	24	19.96	0.222	2	12	3	23025	700.5	QPSK	1	14	20.45	0.095	3
2	5	18625	1852.5	QPSK	8	0	21.22	0.296	2	12	3	23025	700.5	QPSK	5	0	20.21	0.09	3
2	5	18625	1852.5	QPSK	8	17	21.04	0.284	2	12	3	23025	700.5	QPSK	5	10	20.13	0.089	3
2	5	18900	1880	QPSK	1	0	20.58	0.256	2	12	3	23095	707.5	QPSK	1	0	20.32	0.093	3
2	5	18900	1880	QPSK	1	24	20.58	0.256	2	12	3	23095	707.5	QPSK	1	14	20.33	0.093	3
2	5	18900	1880	QPSK	8	0	21.05	0.285	2	12	3	23095	707.5	QPSK	5	0	20.08	0.088	3
2	5	18900	1880	QPSK	8	17	21.06	0.286	2	12	3	23095	707.5	QPSK	5	10	20.04	0.087	3
2	5	19175	1907.5	QPSK	1	0	20.84	0.272	2	12	3	23165	714.5	QPSK	1	0	20.16	0.089	3
2	5	19175	1907.5	QPSK	1	24	20.65	0.26	2	12	3	23165	714.5	QPSK	1	14	20.12	0.089	3
2	5	19175	1907.5	QPSK	8	0	21.42	0.31	2	12	3	23165	714.5	QPSK	5	0	19.92	0.085	3
2	5	19175	1907.5	QPSK	8	17	21.45	0.313	2	12	3	23165	714.5	QPSK	5	10	19.79	0.082	3
2	5	18625	1852.5	QPSK	1	0	20.39	0.245	2	12	5	23035	701.5	QPSK	1	0	20.58	0.098	3
2	5	18625	1852.5	QPSK	1	24	20.49	0.251	2	12	5	23035	701.5	QPSK	1	24	20.56	0.098	3
2	5	18625	1852.5	QPSK	8	0	20.08	0.228	2	12	5	23035	701.5	QPSK	8	0	20.45	0.095	3
2	5	18625	1852.5	QPSK	8	17	20.17	0.233	2	12	5	23035	701.5	QPSK	8	17	20.55	0.098	3
2	5	18900	1880	QPSK	1	0	20.64	0.259	2	12	5	23095	707.5	QPSK	1	0	20.4	0.094	3
2	5	18900	1880	QPSK	1	24	20.42	0.247	2	12	5	23095	707.5	QPSK	1	24	20.43	0.095	3
2	5	18900	1880	QPSK	8	0	20.29	0.239	2	12	5	23095	707.5	QPSK	8	0	20.32	0.093	3
2	5	18900	1880	QPSK	8	17	20.7	0.263	2	12	5	23095	707.5	QPSK	8	17	20.43	0.095	3
2	5	19175	1907.5	QPSK	1	0	20.86	0.273	2	12	5	23155	713.5	QPSK	1	0	20.24	0.091	3
2	5	19175	1907.5	QPSK	1	24	20.83	0.271	2	12	5	23155	713.5	QPSK	1	24	20.11	0.088	3
2	5	19175	1907.5	QPSK	8	0	20.89	0.275	2	12	5	23155	713.5	QPSK	8	0	20.41	0.095	3
2	5	19175	1907.5	QPSK	8	17	20.94	0.278	2	12	5	23155	713.5	QPSK	8	17	20.22	0.091	3



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 19: LTE CA 2A-12A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
2	10	18650	1855	QPSK	1	0	20.11	0.23	2	12	5	23035	701.5	QPSK	1	0	20.49	0.096	3
2	10	18650	1855	QPSK	1	49	19.59	0.204	2	12	5	23035	701.5	QPSK	1	24	20.37	0.094	3
2	10	18650	1855	QPSK	12	0	20.59	0.256	2	12	5	23035	701.5	QPSK	8	0	20.57	0.098	3
2	10	18650	1855	QPSK	12	38	20.28	0.239	2	12	5	23035	701.5	QPSK	8	17	20.48	0.096	3
2	10	18900	1880	QPSK	1	0	19.94	0.221	2	12	5	23095	707.5	QPSK	1	0	20.4	0.094	3
2	10	18900	1880	QPSK	1	49	19.99	0.223	2	12	5	23095	707.5	QPSK	1	24	20.26	0.091	3
2	10	18900	1880	QPSK	12	0	20.72	0.264	2	12	5	23095	707.5	QPSK	8	0	20.4	0.094	3
2	10	18900	1880	QPSK	12	38	20.41	0.246	2	12	5	23095	707.5	QPSK	8	17	20.35	0.093	3
2	10	19150	1905	QPSK	1	0	20.4	0.245	2	12	5	23155	713.5	QPSK	1	0	20.36	0.094	3
2	10	19150	1905	QPSK	1	49	20.28	0.239	2	12	5	23155	713.5	QPSK	1	24	20.08	0.088	3
2	10	19150	1905	QPSK	12	0	20.91	0.276	2	12	5	23155	713.5	QPSK	8	0	20.38	0.094	3
2	10	19150	1905	QPSK	12	38	20.93	0.277	2	12	5	23155	713.5	QPSK	8	17	20.19	0.09	3
2	5	18625	1852.5	QPSK	1	0	20.29	0.239	2	12	10	23060	704	QPSK	1	0	20.61	0.099	3
2	5	18625	1852.5	QPSK	1	24	20.09	0.229	2	12	10	23060	704	QPSK	1	49	20.38	0.094	3
2	5	18625	1852.5	QPSK	8	0	20.45	0.248	2	12	10	23060	704	QPSK	12	0	20.65	0.1	3
2	5	18625	1852.5	QPSK	8	17	20.15	0.232	2	12	10	23060	704	QPSK	12	38	20.45	0.095	3
2	5	18900	1880	QPSK	1	0	20.43	0.247	2	12	10	23095	707.5	QPSK	1	0	20.5	0.097	3
2	5	18900	1880	QPSK	1	24	20.36	0.243	2	12	10	23095	707.5	QPSK	1	49	20.36	0.094	3
2	5	18900	1880	QPSK	8	0	20.66	0.261	2	12	10	23095	707.5	QPSK	12	0	20.56	0.098	3
2	5	18900	1880	QPSK	8	17	20.65	0.26	2	12	10	23095	707.5	QPSK	12	38	20.38	0.094	3
2	5	19175	1907.5	QPSK	1	0	20.8	0.269	2	12	10	23130	711	QPSK	1	0	20.43	0.095	3
2	5	19175	1907.5	QPSK	1	24	20.79	0.269	2	12	10	23130	711	QPSK	1	49	20.18	0.09	3
2	5	19175	1907.5	QPSK	8	0	20.91	0.276	2	12	10	23130	711	QPSK	12	0	20.53	0.097	3
2	5	19175	1907.5	QPSK	8	17	20.99	0.281	2	12	10	23130	711	QPSK	12	38	20.28	0.092	3

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 19: LTE CA 2A-12A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
2	10	18650	1855	QPSK	1	0	20.18	0.233	2	12	10	23060	704	QPSK	1	0	20.6	0.099	3
2	10	18650	1855	QPSK	1	49	19.62	0.205	2	12	10	23060	704	QPSK	1	49	20.38	0.094	3
2	10	18650	1855	QPSK	12	0	20.47	0.249	2	12	10	23060	704	QPSK	12	0	20.59	0.099	3
2	10	18650	1855	QPSK	12	38	20.19	0.234	2	12	10	23060	704	QPSK	12	38	20.41	0.095	3
2	10	18900	1880	QPSK	1	0	19.96	0.222	2	12	10	23095	707.5	QPSK	1	0	20.46	0.096	3
2	10	18900	1880	QPSK	1	49	20	0.224	2	12	10	23095	707.5	QPSK	1	49	20.31	0.092	3
2	10	18900	1880	QPSK	12	0	20.7	0.263	2	12	10	23095	707.5	QPSK	12	0	20.58	0.098	3
2	10	18900	1880	QPSK	12	38	20.38	0.244	2	12	10	23095	707.5	QPSK	12	38	20.38	0.094	3
2	10	19150	1905	QPSK	1	0	20.38	0.244	2	12	10	23130	711	QPSK	1	0	20.51	0.097	3
2	10	19150	1905	QPSK	1	49	20.25	0.237	2	12	10	23130	711	QPSK	1	49	20.16	0.089	3
2	10	19150	1905	QPSK	12	0	20.92	0.277	2	12	10	23130	711	QPSK	12	0	20.53	0.097	3
2	10	19150	1905	QPSK	12	38	20.85	0.272	2	12	10	23130	711	QPSK	12	38	20.26	0.091	3
2	20	18700	1860	QPSK	1	0	19.66	0.207	2	12	10	23060	704	QPSK	1	0	20.58	0.098	3
2	20	18700	1860	QPSK	1	99	19.51	0.2	2	12	10	23060	704	QPSK	1	99	20.44	0.095	3
2	20	18700	1860	QPSK	18	0	20.55	0.254	2	12	10	23060	704	QPSK	12	0	20.59	0.099	3
2	20	18700	1860	QPSK	18	82	20.42	0.247	2	12	10	23060	704	QPSK	12	82	20.4	0.094	3
2	20	18900	1880	QPSK	1	0	19.44	0.197	2	12	10	23095	737.5	QPSK	1	0	20.55	0.098	3
2	20	18900	1880	QPSK	1	99	18.99	0.177	2	12	10	23095	737.5	QPSK	1	99	20.29	0.092	3
2	20	18900	1880	QPSK	18	0	20.52	0.252	2	12	10	23095	737.5	QPSK	12	0	20.5	0.097	3
2	20	18900	1880	QPSK	18	82	20.47	0.249	2	12	10	23095	737.5	QPSK	12	82	20.42	0.095	3
2	20	19100	1900	QPSK	1	0	19.97	0.222	2	12	10	23130	711	QPSK	1	0	20.49	0.096	3
2	20	19100	1900	QPSK	1	99	20.02	0.225	2	12	10	23130	711	QPSK	1	99	20.23	0.091	3
2	20	19100	1900	QPSK	18	0	20.65	0.26	2	12	10	23130	711	QPSK	12	0	20.55	0.098	3
2	20	19100	1900	QPSK	18	82	20.86	0.273	2	12	10	23130	711	QPSK	12	82	20.23	0.091	3

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 20: LTE CA 2A-13A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power		Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power		Limit		
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)					UL CA Tx. Power (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset		UL CA Tx. Power (dBm)	UL CA Tx. Power (W)
2	5	18625	1852.5	QPSK	1	0	20.54	0.254	2	13	10	23230	782	QPSK	1	0	20.01	0.086	3
2	5	18625	1852.5	QPSK	1	24	20.01	0.224	2	13	10	23230	782	QPSK	1	49	20.4	0.094	3
2	5	18625	1852.5	QPSK	8	0	20.44	0.248	2	13	10	23230	782	QPSK	12	0	20.19	0.090	3
2	5	18625	1852.5	QPSK	8	17	20.19	0.234	2	13	10	23230	782	QPSK	12	38	20.38	0.094	3
2	5	18900	1880	QPSK	1	0	20.5	0.251	2	13	10	23230	782	QPSK	1	0	20.09	0.088	3
2	5	18900	1880	QPSK	1	24	20.5	0.251	2	13	10	23230	782	QPSK	1	49	20.33	0.093	3
2	5	18900	1880	QPSK	8	0	20.7	0.283	2	13	10	23230	782	QPSK	12	0	20.27	0.092	3
2	5	18900	1880	QPSK	8	17	20.52	0.252	2	13	10	23230	782	QPSK	12	38	20.41	0.095	3
2	5	19175	1907.5	QPSK	1	0	20.79	0.269	2	13	10	23230	782	QPSK	1	0	20.03	0.087	3
2	5	19175	1907.5	QPSK	1	24	20.65	0.260	2	13	10	23230	782	QPSK	1	49	20.42	0.095	3
2	5	19175	1907.5	QPSK	8	0	20.95	0.279	2	13	10	23230	782	QPSK	12	0	20.28	0.092	3
2	5	19175	1907.5	QPSK	8	17	20.97	0.280	2	13	10	23230	782	QPSK	12	38	20.41	0.095	3
2	10	18650	1855	QPSK	1	0	19.72	0.210	2	13	10	23230	782	QPSK	1	0	20.01	0.086	3
2	10	18650	1855	QPSK	1	49	19.83	0.215	2	13	10	23230	782	QPSK	1	49	20.28	0.092	3
2	10	18650	1855	QPSK	12	0	20.62	0.258	2	13	10	23230	782	QPSK	12	0	20.16	0.089	3
2	10	18650	1855	QPSK	12	38	20.16	0.232	2	13	10	23230	782	QPSK	12	38	20.48	0.096	3
2	10	18900	1880	QPSK	1	0	19.8	0.214	2	13	10	23230	782	QPSK	1	0	20.06	0.087	3
2	10	18900	1880	QPSK	1	49	19.83	0.215	2	13	10	23230	782	QPSK	1	49	20.37	0.094	3
2	10	18900	1880	QPSK	12	0	20.81	0.270	2	13	10	23230	782	QPSK	12	0	20.17	0.090	3
2	10	18900	1880	QPSK	12	38	20.39	0.245	2	13	10	23230	782	QPSK	12	38	20.4	0.094	3
2	10	19150	1905	QPSK	1	0	20.51	0.252	2	13	10	23230	782	QPSK	1	0	20.04	0.087	3
2	10	19150	1905	QPSK	1	49	20.43	0.247	2	13	10	23230	782	QPSK	1	49	20.37	0.094	3
2	10	19150	1905	QPSK	12	0	20.89	0.275	2	13	10	23230	782	QPSK	12	0	20.2	0.090	3
2	10	19150	1905	QPSK	12	38	20.92	0.277	2	13	10	23230	782	QPSK	12	38	20.4	0.094	3



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 20: LTE CA 2A-13A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
2	20	18700	1860	QPSK	1	0	19.38	0.194	2	13	10	23230	782	QPSK	1	0	20.07	0.087	3
2	20	18700	1860	QPSK	1	99	19.32	0.191	2	13	10	23230	782	QPSK	1	49	20.33	0.093	3
2	20	18700	1860	QPSK	18	0	20.66	0.261	2	13	10	23230	782	QPSK	12	0	20.23	0.091	3
2	20	18700	1860	QPSK	18	82	20.42	0.247	2	13	10	23230	782	QPSK	12	38	20.38	0.094	3
2	20	18900	1880	QPSK	1	0	19.43	0.196	2	13	10	23230	782	QPSK	1	0	20.05	0.087	3
2	20	18900	1880	QPSK	1	99	19.34	0.192	2	13	10	23230	782	QPSK	1	49	20.36	0.094	3
2	20	18900	1880	QPSK	18	0	20.44	0.248	2	13	10	23230	782	QPSK	12	0	20.18	0.090	3
2	20	18900	1880	QPSK	18	82	20.49	0.251	2	13	10	23230	782	QPSK	12	38	20.45	0.095	3
2	20	19100	1900	QPSK	1	0	19.88	0.218	2	13	10	23230	782	QPSK	1	0	20.05	0.087	3
2	20	19100	1900	QPSK	1	99	19.65	0.207	2	13	10	23230	782	QPSK	1	49	20.4	0.094	3
2	20	19100	1900	QPSK	18	0	20.36	0.243	2	13	10	23230	782	QPSK	12	0	20.21	0.090	3
2	20	19100	1900	QPSK	18	82	20.86	0.273	2	13	10	23230	782	QPSK	12	38	20.45	0.095	3

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 21: LTE CA 4A-5A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
4	5	19975	1712.5	QPSK	1	0	23.13	0.480	1	5	5	20425	826.5	QPSK	1	0	16.81	0.041	7
4	5	19975	1712.5	QPSK	1	24	23.03	0.450	1	5	5	20425	826.5	QPSK	1	24	16.69	0.040	7
4	5	19975	1712.5	QPSK	8	0	23.1	0.457	1	5	5	20425	826.5	QPSK	8	0	16.77	0.041	7
4	5	19975	1712.5	QPSK	8	17	23.1	0.457	1	5	5	20425	826.5	QPSK	8	17	16.71	0.040	7
4	5	20175	1732.5	QPSK	1	0	23.09	0.456	1	5	5	20525	836.5	QPSK	1	0	16.85	0.042	7
4	5	20175	1732.5	QPSK	1	24	23.05	0.452	1	5	5	20525	836.5	QPSK	1	24	16.78	0.041	7
4	5	20175	1732.5	QPSK	8	0	23.09	0.456	1	5	5	20525	836.5	QPSK	8	0	16.70	0.041	7
4	5	20175	1732.5	QPSK	8	17	23.05	0.452	1	5	5	20525	836.5	QPSK	8	17	16.65	0.040	7
4	5	20375	1752.5	QPSK	1	0	23.14	0.461	1	5	5	20600	844	QPSK	1	0	16.46	0.038	7
4	5	20375	1752.5	QPSK	1	24	23.03	0.450	1	5	5	20600	844	QPSK	1	24	16.57	0.039	7
4	5	20375	1752.5	QPSK	8	0	22.99	0.446	1	5	5	20600	844	QPSK	8	0	16.63	0.040	7
4	5	20375	1752.5	QPSK	8	17	22.99	0.446	1	5	5	20600	844	QPSK	8	17	16.67	0.040	7
4	10	20000	1715	QPSK	1	0	22.87	0.434	1	5	10	20450	829	QPSK	1	0	16.59	0.039	7
4	10	20000	1715	QPSK	1	49	22.78	0.425	1	5	10	20450	829	QPSK	1	49	16.48	0.038	7
4	10	20000	1715	QPSK	12	0	22.94	0.441	1	5	10	20450	829	QPSK	12	0	16.81	0.041	7
4	10	20000	1715	QPSK	12	38	22.83	0.430	1	5	10	20450	829	QPSK	12	38	16.66	0.040	7
4	10	20175	1732.5	QPSK	1	0	22.9	0.437	1	5	10	20525	836.5	QPSK	1	0	16.55	0.039	7
4	10	20175	1732.5	QPSK	1	49	22.73	0.420	1	5	10	20525	836.5	QPSK	1	49	16.42	0.038	7
4	10	20175	1732.5	QPSK	12	0	23.14	0.461	1	5	10	20525	836.5	QPSK	12	0	16.56	0.039	7
4	10	20175	1732.5	QPSK	12	38	23.04	0.451	1	5	10	20525	836.5	QPSK	12	38	16.55	0.039	7
4	10	20350	1750	QPSK	1	0	22.79	0.426	1	5	10	20600	844	QPSK	1	0	16.49	0.038	7
4	10	20350	1750	QPSK	1	49	22.76	0.423	1	5	10	20600	844	QPSK	1	49	16.61	0.039	7
4	10	20350	1750	QPSK	12	0	22.79	0.426	1	5	10	20600	844	QPSK	12	0	16.64	0.040	7
4	10	20350	1750	QPSK	12	38	22.77	0.424	1	5	10	20600	844	QPSK	12	38	16.69	0.040	7



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 22: LTE CA 4A-7A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
4	5	19975	1712.5	QPSK	1	0	24.87	0.687	1	7	5	20775	2502.5	QPSK	1	0	15.46	0.035	2
4	5	19975	1712.5	QPSK	1	24	25.04	0.714	1	7	5	20775	2502.5	QPSK	1	24	15.38	0.035	2
4	5	19975	1712.5	QPSK	8	0	24.89	0.69	1	7	5	20775	2502.5	QPSK	8	0	15.44	0.035	2
4	5	19975	1712.5	QPSK	8	17	25.03	0.713	1	7	5	20775	2502.5	QPSK	8	17	15.43	0.035	2
4	5	20175	1732.5	QPSK	1	0	24.98	0.705	1	7	5	21100	2535	QPSK	1	0	15.31	0.034	2
4	5	20175	1732.5	QPSK	1	24	24.86	0.685	1	7	5	21100	2535	QPSK	1	24	15.31	0.034	2
4	5	20175	1732.5	QPSK	8	0	24.88	0.689	1	7	5	21100	2535	QPSK	8	0	15.35	0.034	2
4	5	20175	1732.5	QPSK	8	17	24.89	0.69	1	7	5	21100	2535	QPSK	8	17	15.32	0.034	2
4	5	20375	1752.5	QPSK	1	0	22.52	0.4	1	7	5	21425	2567.5	QPSK	1	0	15.52	0.036	2
4	5	20375	1752.5	QPSK	1	24	22.61	0.408	1	7	5	21425	2567.5	QPSK	1	24	15.41	0.035	2
4	5	20375	1752.5	QPSK	8	0	22.59	0.406	1	7	5	21425	2567.5	QPSK	8	0	15.49	0.035	2
4	5	20375	1752.5	QPSK	8	17	22.65	0.412	1	7	5	21425	2567.5	QPSK	8	17	15.42	0.035	2
4	10	20000	1715	QPSK	1	0	24.9	0.692	1	7	20	20850	2510	QPSK	1	0	15.51	0.036	2
4	10	20000	1715	QPSK	1	49	25	0.708	1	7	20	20850	2510	QPSK	1	99	15.37	0.034	2
4	10	20000	1715	QPSK	12	0	24.66	0.655	1	7	20	20850	2510	QPSK	18	0	15.68	0.037	2
4	10	20000	1715	QPSK	12	38	24.94	0.698	1	7	20	20850	2510	QPSK	18	82	15.28	0.034	2
4	10	20175	1732.5	QPSK	1	0	24.74	0.667	1	7	20	21100	2535	QPSK	1	0	15.46	0.035	2
4	10	20175	1732.5	QPSK	1	49	24.95	0.7	1	7	20	21100	2535	QPSK	1	99	15.28	0.034	2
4	10	20175	1732.5	QPSK	12	0	24.75	0.668	1	7	20	21100	2535	QPSK	18	0	15.36	0.034	2
4	10	20175	1732.5	QPSK	12	38	24.9	0.692	1	7	20	21100	2535	QPSK	18	82	15.28	0.034	2
4	10	20350	1750	QPSK	1	0	24.56	0.64	1	7	20	21350	2560	QPSK	1	0	15.48	0.035	2
4	10	20350	1750	QPSK	1	49	24.63	0.65	1	7	20	21350	2560	QPSK	1	99	15.25	0.033	2
4	10	20350	1750	QPSK	12	0	24.66	0.655	1	7	20	21350	2560	QPSK	18	0	15.49	0.035	2
4	10	20350	1750	QPSK	12	38	24.67	0.656	1	7	20	21350	2560	QPSK	18	82	15.3	0.034	2

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 22: LTE CA 4A-7A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
4	20	20050	1720	QPSK	1	0	22.38	0.387	1	7	20	20850	2510	QPSK	1	0	15.56	0.036	2
4	20	20050	1720	QPSK	1	99	22.69	0.416	1	7	20	20850	2510	QPSK	1	99	15.26	0.034	2
4	20	20050	1720	QPSK	18	0	22.58	0.406	1	7	20	20850	2510	QPSK	18	0	15.5	0.035	2
4	20	20050	1720	QPSK	18	82	22.82	0.429	1	7	20	20850	2510	QPSK	18	82	15.22	0.033	2
4	20	20175	1732.5	QPSK	1	0	22.94	0.441	1	7	20	21100	2535	QPSK	1	0	15.39	0.035	2
4	20	20175	1732.5	QPSK	1	99	22.71	0.418	1	7	20	21100	2535	QPSK	1	99	15.22	0.033	2
4	20	20175	1732.5	QPSK	18	0	23	0.447	1	7	20	21100	2535	QPSK	18	0	15.36	0.034	2
4	20	20175	1732.5	QPSK	18	82	22.89	0.436	1	7	20	21100	2535	QPSK	18	82	15.27	0.034	2
4	20	20300	1745	QPSK	1	0	22.73	0.42	1	7	20	21350	2560	QPSK	1	0	15.46	0.035	2
4	20	20300	1745	QPSK	1	99	23.02	0.449	1	7	20	21350	2560	QPSK	1	99	15.23	0.033	2
4	20	20300	1745	QPSK	18	0	22.86	0.433	1	7	20	21350	2560	QPSK	18	0	15.44	0.035	2
4	20	20300	1745	QPSK	18	82	23.09	0.456	1	7	20	21350	2560	QPSK	18	82	15.25	0.033	2

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 23: LTE CA 4A-12A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power			Limit
			Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					EIRP(W)	Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	
4	1.4	19957	1710.7	QPSK	1	0	23.98	0.560	1	12	5	23035	701.5	QPSK	1	0	10.89	0.011	3.00
4	1.4	19957	1710.7	QPSK	1	5	23.95	0.556	1	12	5	23035	701.5	QPSK	1	24	10.82	0.01	3.00
4	1.4	19957	1710.7	QPSK	5	0	24.01	0.564	1	12	5	23035	701.5	QPSK	8	0	10.78	0.01	3.00
4	1.4	19957	1710.7	QPSK	5	1	24.01	0.564	1	12	5	23035	701.5	QPSK	8	17	10.89	0.011	3.00
4	1.4	20175	1732.5	QPSK	1	0	23.93	0.553	1	12	5	23095	707.5	QPSK	1	0	10.76	0.01	3.00
4	1.4	20175	1732.5	QPSK	1	5	23.91	0.551	1	12	5	23095	707.5	QPSK	1	24	10.75	0.01	3.00
4	1.4	20175	1732.5	QPSK	5	0	23.92	0.552	1	12	5	23095	707.5	QPSK	8	0	10.55	0.01	3.00
4	1.4	20175	1732.5	QPSK	5	1	23.94	0.555	1	12	5	23095	707.5	QPSK	8	17	10.62	0.01	3.00
4	1.4	20393	1754.3	QPSK	1	0	23.81	0.538	1	12	5	23155	713.5	QPSK	1	0	10.85	0.01	3.00
4	1.4	20393	1754.3	QPSK	1	5	23.77	0.533	1	12	5	23155	713.5	QPSK	1	24	10.89	0.011	3.00
4	1.4	20393	1754.3	QPSK	5	0	23.74	0.530	1	12	5	23155	713.5	QPSK	8	0	10.71	0.01	3.00
4	1.4	20393	1754.3	QPSK	5	1	23.76	0.532	1	12	5	23155	713.5	QPSK	8	17	10.75	0.01	3.00
4	5	19975	1712.5	QPSK	1	0	24.94	0.698	1	12	3	23035	700.5	QPSK	1	0	10.88	0.011	3.00
4	5	19975	1712.5	QPSK	1	24	25.35	0.767	1	12	3	23035	700.5	QPSK	1	14	10.94	0.011	3.00
4	5	19975	1712.5	QPSK	8	0	24.79	0.675	1	12	3	23035	700.5	QPSK	5	0	10.77	0.01	3.00
4	5	19975	1712.5	QPSK	8	17	25.13	0.729	1	12	3	23035	700.5	QPSK	5	10	10.82	0.01	3.00
4	5	20175	1732.5	QPSK	1	0	25.25	0.750	1	12	3	23095	707.5	QPSK	1	0	10.59	0.01	3.00
4	5	20175	1732.5	QPSK	1	24	24.91	0.693	1	12	3	23095	707.5	QPSK	1	14	10.87	0.011	3.00
4	5	20175	1732.5	QPSK	8	0	24.9	0.692	1	12	3	23095	707.5	QPSK	5	0	10.99	0.011	3.00
4	5	20175	1732.5	QPSK	8	17	24.73	0.665	1	12	3	23095	707.5	QPSK	5	10	10.79	0.01	3.00
4	5	20375	1752.5	QPSK	1	0	24.47	0.627	1	12	3	23165	714.5	QPSK	1	0	10.96	0.011	3.00
4	5	20375	1752.5	QPSK	1	24	24.33	0.607	1	12	3	23165	714.5	QPSK	1	14	10.88	0.011	3.00
4	5	20375	1752.5	QPSK	8	0	24.32	0.605	1	12	3	23165	714.5	QPSK	5	0	10.91	0.011	3.00
4	5	20375	1752.5	QPSK	8	17	24.2	0.589	1	12	3	23165	714.5	QPSK	5	10	10.89	0.011	3.00
4	5	19975	1712.5	QPSK	1	0	25.14	0.731	1	12	5	23035	701.5	QPSK	1	0	10.77	0.01	3.00
4	5	19975	1712.5	QPSK	1	24	25.33	0.764	1	12	5	23035	701.5	QPSK	1	24	10.86	0.01	3.00
4	5	19975	1712.5	QPSK	8	0	24.90	0.701	1	12	5	23035	701.5	QPSK	8	0	10.79	0.01	3.00
4	5	19975	1712.5	QPSK	8	17	25.34	0.766	1	12	5	23035	701.5	QPSK	8	17	10.67	0.01	3.00
4	5	20175	1732.5	QPSK	1	0	24.82	0.679	1	12	5	23095	707.5	QPSK	1	0	10.71	0.01	3.00
4	5	20175	1732.5	QPSK	1	24	24.66	0.655	1	12	5	23095	707.5	QPSK	1	24	10.61	0.01	3.00
4	5	20175	1732.5	QPSK	8	0	24.5	0.631	1	12	5	23095	707.5	QPSK	8	0	10.75	0.01	3.00
4	5	20175	1732.5	QPSK	8	17	24.37	0.612	1	12	5	23095	707.5	QPSK	8	17	10.65	0.01	3.00
4	5	20375	1752.5	QPSK	1	0	24.61	0.847	1	12	5	23155	713.5	QPSK	1	0	10.66	0.01	3.00
4	5	20375	1752.5	QPSK	1	24	24.49	0.630	1	12	5	23155	713.5	QPSK	1	24	10.58	0.01	3.00
4	5	20375	1752.5	QPSK	8	0	23.83	0.541	1	12	5	23155	713.5	QPSK	8	0	10.62	0.01	3.00
4	5	20375	1752.5	QPSK	8	17	23.76	0.532	1	12	5	23155	713.5	QPSK	8	17	10.41	0.009	3.00



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 23: LTE CA 4A-12A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power			Limit	SCC			Power			Limit			
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)		EIRP(W)	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation		UL RB No.	UL RB offset	UL CA Tx. Power (dBm)
4	5	19975	1712.5	QPSK	1	0	25.16	0.735	1	12	10	23060	704	QPSK	1	0	10.88	0.011	3.00
4	5	19975	1712.5	QPSK	1	24	25.54	0.802	1	12	10	23060	704	QPSK	1	49	10.59	0.01	3.00
4	5	19975	1712.5	QPSK	8	0	24.97	0.703	1	12	10	23060	704	QPSK	12	0	10.66	0.01	3.00
4	5	19975	1712.5	QPSK	8	17	25.31	0.760	1	12	10	23060	704	QPSK	12	38	10.69	0.01	3.00
4	5	20175	1732.5	QPSK	1	0	24.92	0.695	1	12	10	23095	707.5	QPSK	1	0	10.55	0.01	3.00
4	5	20175	1732.5	QPSK	1	24	24.55	0.638	1	12	10	23095	707.5	QPSK	1	49	10.75	0.01	3.00
4	5	20175	1732.5	QPSK	8	0	24.64	0.652	1	12	10	23095	707.5	QPSK	12	0	10.72	0.01	3.00
4	5	20175	1732.5	QPSK	8	17	24.33	0.607	1	12	10	23095	707.5	QPSK	12	38	10.59	0.01	3.00
4	5	20375	1752.5	QPSK	1	0	24.21	0.590	1	12	10	23130	711	QPSK	1	0	10.68	0.01	3.00
4	5	20375	1752.5	QPSK	1	24	24.1	0.575	1	12	10	23130	711	QPSK	1	49	10.69	0.01	3.00
4	5	20375	1752.5	QPSK	8	0	24.01	0.564	1	12	10	23130	711	QPSK	12	0	10.59	0.01	3.00
4	5	20375	1752.5	QPSK	8	17	23.96	0.557	1	12	10	23130	711	QPSK	12	38	10.77	0.01	3.00
4	10	20000	1715	QPSK	1	0	23.74	0.530	1	12	10	23060	704	QPSK	1	0	10.81	0.01	3.00
4	10	20000	1715	QPSK	1	49	24.22	0.592	1	12	10	23060	704	QPSK	1	49	10.76	0.01	3.00
4	10	20000	1715	QPSK	12	0	23.58	0.511	1	12	10	23060	704	QPSK	12	0	10.68	0.01	3.00
4	10	20000	1715	QPSK	12	38	24.09	0.574	1	12	10	23060	704	QPSK	12	38	10.62	0.01	3.00
4	10	20175	1732.5	QPSK	1	0	24.72	0.664	1	12	10	23095	707.5	QPSK	1	0	10.87	0.011	3.00
4	10	20175	1732.5	QPSK	1	49	24.63	0.650	1	12	10	23095	707.5	QPSK	1	49	10.75	0.01	3.00
4	10	20175	1732.5	QPSK	12	0	24.63	0.650	1	12	10	23095	707.5	QPSK	12	0	10.66	0.01	3.00
4	10	20175	1732.5	QPSK	12	38	24.51	0.632	1	12	10	23095	707.5	QPSK	12	38	10.62	0.01	3.00
4	10	20350	1750	QPSK	1	0	24.77	0.671	1	12	10	23130	711	QPSK	1	0	10.89	0.011	3.00
4	10	20350	1750	QPSK	1	49	24.31	0.604	1	12	10	23130	711	QPSK	1	49	10.81	0.01	3.00
4	10	20350	1750	QPSK	12	0	24.66	0.655	1	12	10	23130	711	QPSK	12	0	10.75	0.01	3.00
4	10	20350	1750	QPSK	12	38	24.55	0.638	1	12	10	23130	711	QPSK	12	38	10.71	0.01	3.00
4	20	20050	1720	QPSK	1	0	23	0.447	1	12	10	23060	704	QPSK	1	0	9.29	0.007	3.00
4	20	20050	1720	QPSK	1	99	23.59	0.512	1	12	10	23060	704	QPSK	1	49	10.79	0.01	3.00
4	20	20050	1720	QPSK	18	0	23.1	0.457	1	12	10	23060	704	QPSK	12	0	10.72	0.01	3.00
4	20	20050	1720	QPSK	18	82	23.31	0.480	1	12	10	23060	704	QPSK	12	38	10.79	0.01	3.00
4	20	20175	1732.5	QPSK	1	0	22.78	0.425	1	12	10	23095	707.5	QPSK	1	0	9.18	0.007	3.00
4	20	20175	1732.5	QPSK	1	99	23.07	0.454	1	12	10	23095	707.5	QPSK	1	49	10.81	0.01	3.00
4	20	20175	1732.5	QPSK	18	0	22.81	0.428	1	12	10	23095	707.5	QPSK	12	0	9.99	0.009	3.00
4	20	20175	1732.5	QPSK	18	82	23.16	0.463	1	12	10	23095	707.5	QPSK	12	38	10.71	0.01	3.00
4	20	20300	1745	QPSK	1	0	25.53	0.800	1	12	10	23130	711	QPSK	1	0	10.98	0.011	3.00
4	20	20300	1745	QPSK	1	99	25.33	0.764	1	12	10	23130	711	QPSK	1	49	10.88	0.011	3.00
4	20	20300	1745	QPSK	18	0	25.46	0.787	1	12	10	23130	711	QPSK	12	0	10.72	0.01	3.00
4	20	20300	1745	QPSK	18	82	25.28	0.755	1	12	10	23130	711	QPSK	12	38	10.67	0.01	3.00

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 24: LTE CA 4A-13A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC				Power		Limit	Band	Bandwidth (MHz)	UL Channel	SCC				Power		Limit
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)					UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	
4	5	19975	1712.5	QPSK	1	0	24.25	0.596	1	13	10	23230	782	QPSK	1	0	15.77	0.033	3
4	5	19975	1712.5	QPSK	1	24	24.49	0.630	1	13	10	23230	782	QPSK	1	49	16.09	0.035	3
4	5	19975	1712.5	QPSK	8	0	24.21	0.590	1	13	10	23230	782	QPSK	12	0	15.84	0.033	3
4	5	19975	1712.5	QPSK	8	17	24.37	0.612	1	13	10	23230	782	QPSK	12	38	16.01	0.034	3
4	5	20175	1732.5	QPSK	1	0	24.72	0.664	1	13	10	23230	782	QPSK	1	0	15.69	0.032	3
4	5	20175	1732.5	QPSK	1	24	24.86	0.655	1	13	10	23230	782	QPSK	1	49	15.97	0.034	3
4	5	20175	1732.5	QPSK	8	0	24.62	0.649	1	13	10	23230	782	QPSK	12	0	15.79	0.033	3
4	5	20175	1732.5	QPSK	8	17	24.57	0.641	1	13	10	23230	782	QPSK	12	38	15.99	0.034	3
4	5	20375	1752.5	QPSK	1	0	24.14	0.581	1	13	10	23230	782	QPSK	1	0	15.77	0.033	3
4	5	20375	1752.5	QPSK	1	24	24.01	0.564	1	13	10	23230	782	QPSK	1	49	16.04	0.035	3
4	5	20375	1752.5	QPSK	8	0	24.02	0.565	1	13	10	23230	782	QPSK	12	0	15.81	0.033	3
4	5	20375	1752.5	QPSK	8	17	23.87	0.546	1	13	10	23230	782	QPSK	12	38	16.02	0.034	3
4	10	20000	1715	QPSK	1	0	24.89	0.690	1	13	10	23230	782	QPSK	1	0	15.77	0.033	3
4	10	20000	1715	QPSK	1	49	25.01	0.710	1	13	10	23230	782	QPSK	1	49	15.93	0.034	3
4	10	20000	1715	QPSK	12	0	24.78	0.673	1	13	10	23230	782	QPSK	12	0	15.77	0.033	3
4	10	20000	1715	QPSK	12	38	24.95	0.700	1	13	10	23230	782	QPSK	12	38	16.01	0.034	3
4	10	20175	1732.5	QPSK	1	0	24.49	0.630	1	13	10	23230	782	QPSK	1	0	15.75	0.032	3
4	10	20175	1732.5	QPSK	1	49	24.63	0.650	1	13	10	23230	782	QPSK	1	49	16.00	0.034	3
4	10	20175	1732.5	QPSK	12	0	24.42	0.619	1	13	10	23230	782	QPSK	12	0	15.79	0.033	3
4	10	20175	1732.5	QPSK	12	38	24.5	0.631	1	13	10	23230	782	QPSK	12	38	16.01	0.034	3
4	10	20350	1750	QPSK	1	0	23.82	0.540	1	13	10	23230	782	QPSK	1	0	15.66	0.032	3
4	10	20350	1750	QPSK	1	49	23.71	0.526	1	13	10	23230	782	QPSK	1	49	15.96	0.034	3
4	10	20350	1750	QPSK	12	0	23.86	0.545	1	13	10	23230	782	QPSK	12	0	15.75	0.032	3
4	10	20350	1750	QPSK	12	38	23.73	0.528	1	13	10	23230	782	QPSK	12	38	16.04	0.035	3



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 25: LTE CA 5A-66A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power		Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power		Limit		
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)					UL CA Tx. Power (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset		UL CA Tx. Power (dBm)	UL CA Tx. Power (W)
5	5	20425	826.5	QPSK	1	0	20.87	0.105	7	66	5	131997	1883.5	QPSK	1	0	22.2	0.372	1
5	5	20425	826.5	QPSK	1	24	20.95	0.107	7	66	5	131997	1883.5	QPSK	1	24	22.13	0.366	1
5	5	20425	826.5	QPSK	8	0	21.22	0.114	7	66	5	131997	1883.5	QPSK	8	0	22.29	0.379	1
5	5	20425	826.5	QPSK	8	17	21.27	0.115	7	66	5	131997	1883.5	QPSK	8	17	22.5	0.398	1
5	5	20525	836.5	QPSK	1	0	21.18	0.113	7	66	5	132322	1916	QPSK	1	0	22.39	0.388	1
5	5	20525	836.5	QPSK	1	24	21.22	0.114	7	66	5	132322	1916	QPSK	1	24	22.42	0.391	1
5	5	20525	836.5	QPSK	8	0	21.36	0.118	7	66	5	132322	1916	QPSK	8	0	22.3	0.380	1
5	5	20525	836.5	QPSK	8	17	21.38	0.118	7	66	5	132322	1916	QPSK	8	17	22.32	0.382	1
5	5	20625	846.5	QPSK	1	0	21.09	0.111	7	66	5	132647	1948.5	QPSK	1	0	22.18	0.370	1
5	5	20625	846.5	QPSK	1	24	21.02	0.109	7	66	5	132647	1948.5	QPSK	1	24	22.31	0.381	1
5	5	20625	846.5	QPSK	8	0	21.38	0.118	7	66	5	132647	1948.5	QPSK	8	0	22.12	0.365	1
5	5	20625	846.5	QPSK	8	17	21.28	0.116	7	66	5	132647	1948.5	QPSK	8	17	22.14	0.366	1
5	10	20450	829	QPSK	1	0	20.64	0.100	7	66	20	132072	1891	QPSK	1	0	21.81	0.340	1
5	10	20450	829	QPSK	1	49	20.86	0.105	7	66	20	132072	1891	QPSK	1	99	22.1	0.363	1
5	10	20450	829	QPSK	12	0	21.2	0.114	7	66	20	132072	1891	QPSK	18	0	21.86	0.344	1
5	10	20450	829	QPSK	12	38	21.24	0.115	7	66	20	132072	1891	QPSK	18	82	22.13	0.366	1
5	10	20525	836.5	QPSK	1	0	20.77	0.103	7	66	20	132322	1916	QPSK	1	0	21.86	0.344	1
5	10	20525	836.5	QPSK	1	49	20.69	0.101	7	66	20	132322	1916	QPSK	1	99	21.68	0.330	1
5	10	20525	836.5	QPSK	12	0	21.42	0.119	7	66	20	132322	1916	QPSK	18	0	22.21	0.372	1
5	10	20525	836.5	QPSK	12	38	21.31	0.116	7	66	20	132322	1916	QPSK	18	82	21.82	0.340	1
5	10	20600	844	QPSK	1	0	20.88	0.105	7	66	20	132572	1941	QPSK	1	0	21.76	0.336	1
5	10	20600	844	QPSK	1	49	20.89	0.106	7	66	20	132572	1941	QPSK	1	99	21.99	0.354	1
5	10	20600	844	QPSK	12	0	21.31	0.116	7	66	20	132572	1941	QPSK	18	0	21.7	0.331	1
5	10	20600	844	QPSK	12	38	21.32	0.117	7	66	20	132572	1941	QPSK	18	82	21.7	0.331	1

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 26: LTE CA 12A-66A		
Date of Test	2018/05/18	Test Site	SR10-H

PCC										Power			Limit			SCC										Power			Limit
Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	ERP (W)	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	EIRP (W)										
12	5	23035	701.5	QPSK	1	0	22.94	0.169	7	66	3	131987	1711.5	QPSK	1	0	14.98	0.070	1.00										
12	5	23035	701.5	QPSK	1	24	22.81	0.164	7	66	3	131987	1711.5	QPSK	1	14	14.78	0.067	1.00										
12	5	23035	701.5	QPSK	8	0	22.83	0.165	7	66	3	131987	1711.5	QPSK	5	0	14.84	0.068	1.00										
12	5	23035	701.5	QPSK	8	17	22.79	0.164	7	66	3	131987	1711.5	QPSK	5	10	14.73	0.067	1.00										
12	5	23095	707.5	QPSK	1	0	22.59	0.156	7	66	3	132422	1755	QPSK	1	0	15.1	0.072	1.00										
12	5	23095	707.5	QPSK	1	24	22.52	0.154	7	66	3	132422	1755	QPSK	1	14	15.06	0.072	1.00										
12	5	23095	707.5	QPSK	8	0	22.63	0.158	7	66	3	132422	1755	QPSK	5	0	15.07	0.072	1.00										
12	5	23095	707.5	QPSK	8	17	22.55	0.155	7	66	3	132422	1755	QPSK	5	10	15.07	0.072	1.00										
12	5	23155	713.5	QPSK	1	0	22.63	0.158	7	66	3	132657	1778.5	QPSK	1	0	14.15	0.058	1.00										
12	5	23155	713.5	QPSK	1	24	22.44	0.151	7	66	3	132657	1778.5	QPSK	1	14	14.28	0.060	1.00										
12	5	23155	713.5	QPSK	8	0	22.51	0.153	7	66	3	132657	1778.5	QPSK	5	0	14.26	0.060	1.00										
12	5	23155	713.5	QPSK	8	17	22.33	0.147	7	66	3	132657	1778.5	QPSK	5	10	14.33	0.061	1.00										
12	5	23035	701.5	QPSK	1	0	22.87	0.167	7	66	5	131997	1712.5	QPSK	1	0	14.61	0.065	1.00										
12	5	23035	701.5	QPSK	1	24	22.88	0.160	7	66	5	131997	1712.5	QPSK	1	24	14.51	0.063	1.00										
12	5	23035	701.5	QPSK	8	0	22.78	0.163	7	66	5	131997	1712.5	QPSK	8	0	14.61	0.065	1.00										
12	5	23035	701.5	QPSK	8	17	22.69	0.160	7	66	5	131997	1712.5	QPSK	8	17	14.56	0.064	1.00										
12	5	23095	707.5	QPSK	1	0	22.63	0.156	7	66	5	132422	1755	QPSK	1	0	14.92	0.070	1.00										
12	5	23095	707.5	QPSK	1	24	22.51	0.153	7	66	5	132422	1755	QPSK	1	24	14.88	0.069	1.00										
12	5	23095	707.5	QPSK	8	0	22.61	0.157	7	66	5	132422	1755	QPSK	8	0	14.97	0.070	1.00										
12	5	23095	707.5	QPSK	8	17	22.55	0.155	7	66	5	132422	1755	QPSK	8	17	14.95	0.070	1.00										
12	5	23155	713.5	QPSK	1	0	22.63	0.158	7	66	5	132647	1777.5	QPSK	1	0	13.72	0.053	1.00										
12	5	23155	713.5	QPSK	1	24	22.4	0.150	7	66	5	132647	1777.5	QPSK	1	24	13.81	0.054	1.00										
12	5	23155	713.5	QPSK	8	0	22.51	0.153	7	66	5	132647	1777.5	QPSK	8	0	13.69	0.052	1.00										
12	5	23155	713.5	QPSK	8	17	22.35	0.148	7	66	5	132647	1777.5	QPSK	8	17	13.77	0.053	1.00										
12	5	23035	701.5	QPSK	1	0	22.7	0.160	7	66	10	132022	1715	QPSK	1	0	14.45	0.062	1.00										
12	5	23035	701.5	QPSK	1	24	22.34	0.148	7	66	10	132022	1715	QPSK	1	49	14.63	0.065	1.00										
12	5	23035	701.5	QPSK	8	0	22.59	0.156	7	66	10	132022	1715	QPSK	12	0	14.47	0.063	1.00										
12	5	23035	701.5	QPSK	8	17	22.36	0.148	7	66	10	132022	1715	QPSK	12	38	14.66	0.065	1.00										
12	5	23095	707.5	QPSK	1	0	22.58	0.156	7	66	10	132422	1755	QPSK	1	0	14.43	0.062	1.00										
12	5	23095	707.5	QPSK	1	24	22.53	0.154	7	66	10	132422	1755	QPSK	1	49	14.21	0.059	1.00										
12	5	23095	707.5	QPSK	8	0	22.63	0.158	7	66	10	132422	1755	QPSK	12	0	14.49	0.063	1.00										
12	5	23095	707.5	QPSK	8	17	22.63	0.158	7	66	10	132422	1755	QPSK	12	38	14.35	0.061	1.00										
12	5	23155	713.5	QPSK	1	0	22.66	0.159	7	66	10	132622	1775	QPSK	1	0	14.02	0.056	1.00										
12	5	23155	713.5	QPSK	1	24	22.42	0.150	7	66	10	132622	1775	QPSK	1	49	14.18	0.059	1.00										
12	5	23155	713.5	QPSK	8	0	22.58	0.156	7	66	10	132622	1775	QPSK	12	0	14.09	0.057	1.00										



Product	LM960		
Test Item	Peak Output Power		
Test Mode	Mode 26: LTE CA 12A-66A		
Date of Test	2018/05/18	Test Site	SR10-H

Band	Bandwidth (MHz)	UL Channel	PCC			Power		Limit	Band	Bandwidth (MHz)	UL Channel	SCC			Power		Limit		
			UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)				ERP (W)	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	EIRP (W)
12	5	23155	713.5	QPSK	8	17	22.35	0.148	7	66	10	132622	1775	QPSK	12	38	14.14	0.058	1.00
12	10	23060	704	QPSK	1	0	22.89	0.167	7	66	10	132022	1715	QPSK	1	0	14.49	0.063	1.00
12	10	23060	704	QPSK	1	49	22.58	0.156	7	66	10	132022	1715	QPSK	1	49	14.61	0.065	1.00
12	10	23080	704	QPSK	12	0	22.79	0.164	7	66	10	132022	1715	QPSK	12	0	14.54	0.064	1.00
12	10	23080	704	QPSK	12	38	22.61	0.157	7	66	10	132022	1715	QPSK	12	38	14.67	0.066	1.00
12	10	23095	707.5	QPSK	1	0	22.74	0.162	7	66	10	132422	1755	QPSK	1	0	14.81	0.068	1.00
12	10	23095	707.5	QPSK	1	49	22.59	0.156	7	66	10	132422	1755	QPSK	1	49	14.58	0.064	1.00
12	10	23095	707.5	QPSK	12	0	22.65	0.158	7	66	10	132422	1755	QPSK	12	0	14.91	0.069	1.00
12	10	23095	707.5	QPSK	12	38	22.54	0.155	7	66	10	132422	1755	QPSK	12	38	14.78	0.067	1.00
12	10	23130	711	QPSK	1	0	22.65	0.158	7	66	10	132622	1775	QPSK	1	0	13.93	0.055	1.00
12	10	23130	711	QPSK	1	49	22.34	0.148	7	66	10	132622	1775	QPSK	1	49	14.05	0.057	1.00
12	10	23130	711	QPSK	12	0	22.63	0.158	7	66	10	132622	1775	QPSK	12	0	14.04	0.057	1.00
12	10	23130	711	QPSK	12	38	22.33	0.147	7	66	10	132622	1775	QPSK	12	38	14.1	0.058	1.00
12	10	23060	704	QPSK	1	0	22.78	0.163	7	66	20	132072	1720	QPSK	1	0	14.39	0.062	1.00
12	10	23060	704	QPSK	1	99	22.56	0.155	7	66	20	132072	1720	QPSK	1	99	14.69	0.066	1.00
12	10	23060	704	QPSK	18	0	22.79	0.164	7	66	20	132072	1720	QPSK	12	0	14.62	0.065	1.00
12	10	23060	704	QPSK	18	82	22.62	0.157	7	66	20	132072	1720	QPSK	12	38	14.84	0.068	1.00
12	10	23095	707.5	QPSK	1	0	22.73	0.161	7	66	20	132422	1755	QPSK	1	0	14.27	0.060	1.00
12	10	23095	707.5	QPSK	1	99	22.57	0.156	7	66	20	132422	1755	QPSK	1	99	13.71	0.053	1.00
12	10	23095	707.5	QPSK	18	0	22.68	0.160	7	66	20	132422	1755	QPSK	12	0	14.52	0.063	1.00
12	10	23095	707.5	QPSK	18	82	22.54	0.155	7	66	20	132422	1755	QPSK	12	38	14.07	0.057	1.00
12	10	23130	711	QPSK	1	0	22.63	0.158	7	66	20	132572	1770	QPSK	1	0	13.89	0.055	1.00
12	10	23130	711	QPSK	1	99	22.29	0.146	7	66	20	132572	1770	QPSK	1	99	13.56	0.051	1.00
12	10	23130	711	QPSK	18	0	22.62	0.157	7	66	20	132572	1770	QPSK	12	0	13.98	0.056	1.00
12	10	23130	711	QPSK	18	82	22.41	0.150	7	66	20	132572	1770	QPSK	12	38	13.66	0.052	1.00



Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 27: LTE CA 5B		
Date of Test	2018/05/18	Test Site	SR10-H

PCC							SCC							Power		Limit
Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	ERP (W)
5	5	20428	826.8	QPSK	1	0	5	10	20500	834	QPSK	0	0	24.31	0.604	7
5	5	20428	826.8	QPSK	8	0	5	10	20500	834	QPSK	0	0	24.24	0.594	7
5	5	20478	831.8	QPSK	1	0	5	10	20550	839	QPSK	0	0	24.38	0.614	7
5	5	20478	831.8	QPSK	8	0	5	10	20550	839	QPSK	0	0	24.26	0.597	7
5	5	20528	836.8	QPSK	1	0	5	10	20600	844	QPSK	0	0	24.52	0.634	7
5	5	20528	836.8	QPSK	8	0	5	10	20600	844	QPSK	0	0	24.40	0.617	7
5	10	20450	829	QPSK	1	0	5	10	20549	838.9	QPSK	0	0	24.69	0.659	7
5	10	20450	829	QPSK	12	0	5	10	20549	838.9	QPSK	0	0	24.61	0.647	7
5	10	20475	831.5	QPSK	1	0	5	10	20574	841.4	QPSK	0	0	24.89	0.690	7
5	10	20475	831.5	QPSK	12	0	5	10	20574	841.4	QPSK	0	0	24.66	0.655	7
5	10	20501	834.1	QPSK	1	0	5	10	20600	844	QPSK	0	0	25.00	0.708	7
5	10	20501	834.1	QPSK	12	0	5	10	20600	844	QPSK	0	0	24.79	0.675	7

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 28: LTE CA 7C		
Date of Test	2018/05/18	Test Site	SR10-H

PCC							SCC							Power		Limit
Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	EIRP (W)
7	15	20825	2507.5	QPSK	1	0	7	15	20975	2522.5	QPSK	0	0	22.57	0.405	2
7	15	20825	2507.5	QPSK	16	0	7	15	20975	2522.5	QPSK	0	0	23.49	0.500	2
7	15	21025	2527.5	QPSK	1	0	7	15	21175	2542.5	QPSK	0	0	22.47	0.395	2
7	15	21025	2527.5	QPSK	16	0	7	15	21175	2542.5	QPSK	0	0	23.47	0.498	2
7	15	21225	2547.5	QPSK	1	0	7	15	21375	2562.5	QPSK	0	0	22.45	0.394	2
7	15	21225	2547.5	QPSK	16	0	7	15	21375	2562.5	QPSK	0	0	23.33	0.482	2
7	20	20850	2510	QPSK	1	0	7	20	21048	2529.8	QPSK	0	0	22.22	0.373	2
7	20	20850	2510	QPSK	18	0	7	20	21048	2529.8	QPSK	0	0	23.47	0.498	2
7	20	21001	2525.1	QPSK	1	0	7	20	21199	2544.9	QPSK	0	0	22.16	0.368	2
7	20	21001	2525.1	QPSK	18	0	7	20	21199	2544.9	QPSK	0	0	23.32	0.481	2
7	20	21152	2540.2	QPSK	1	0	7	20	21350	2560	QPSK	0	0	22.05	0.359	2
7	20	21152	2540.2	QPSK	18	0	7	20	21350	2560	QPSK	0	0	23.30	0.479	2

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 29: LTE CA 38C		
Date of Test	2018/05/18	Test Site	SR10-H

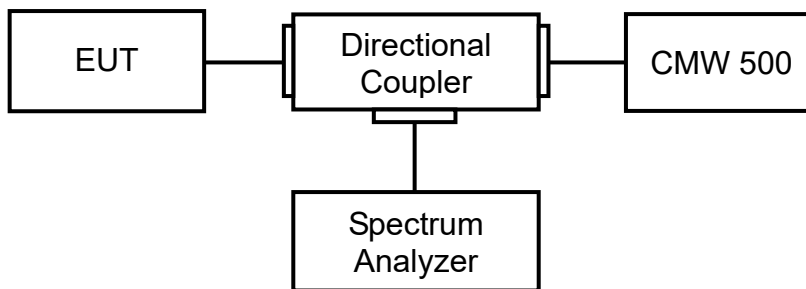
PCC							SCC							Power		Limit
Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	EIRP (W)
38	15	37825	2577.5	QPSK	1	0	38	15	37975	2592.5	QPSK	0	0	22.69	0.416	2
38	15	37825	2577.5	QPSK	16	0	38	15	37975	2592.5	QPSK	0	0	23.56	0.508	2
38	15	37925	2587.5	QPSK	1	0	38	15	38075	2602.5	QPSK	0	0	22.55	0.403	2
38	15	37925	2587.5	QPSK	16	0	38	15	38075	2602.5	QPSK	0	0	23.68	0.522	2
38	15	38025	2597.5	QPSK	1	0	38	15	38175	2612.5	QPSK	0	0	22.71	0.418	2
38	15	38025	2597.5	QPSK	16	0	38	15	38175	2612.5	QPSK	0	0	23.59	0.512	2
38	20	37850	2580	QPSK	1	0	38	20	38048	2599.8	QPSK	0	0	22.48	0.396	2
38	20	37850	2580	QPSK	18	0	38	20	38048	2599.8	QPSK	0	0	23.56	0.508	2
38	20	37901	2585.1	QPSK	1	0	38	20	38099	2604.9	QPSK	0	0	22.41	0.390	2
38	20	37901	2585.1	QPSK	18	0	38	20	38099	2604.9	QPSK	0	0	23.57	0.509	2
38	20	37952	2590.2	QPSK	1	0	38	20	38150	2610	QPSK	0	0	22.39	0.388	2
38	20	37952	2590.2	QPSK	18	0	38	20	38150	2610	QPSK	0	0	23.58	0.511	2

Product	LM960		
Test Item	RF Output Power		
Test Mode	Mode 30: LTE CA 41C		
Date of Test	2018/05/18	Test Site	SR10-H

PCC							SCC							Power		Limit
Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	Modulation	UL RB No.	UL RB offset	UL CA Tx. Power (dBm)	UL CA Tx. Power (W)	EIRP (W)
41	15	39725	2503.5	QPSK	1	0	41	15	39875	2518.5	QPSK	0	0	22.89	0.436	2
41	15	39725	2503.5	QPSK	16	0	41	15	39875	2518.5	QPSK	0	0	23.67	0.521	2
41	15	40545	2585.5	QPSK	1	0	41	15	40695	2600.5	QPSK	0	0	22.65	0.412	2
41	15	40545	2585.5	QPSK	16	0	41	15	40695	2600.5	QPSK	0	0	23.69	0.524	2
41	15	41365	2667.5	QPSK	1	0	41	15	41515	2682.5	QPSK	0	0	22.80	0.427	2
41	15	41365	2667.5	QPSK	16	0	41	15	41515	2682.5	QPSK	0	0	23.70	0.525	2
41	20	39750	2506	QPSK	1	0	41	20	39948	2525.8	QPSK	0	0	22.64	0.411	2
41	20	39750	2506	QPSK	18	0	41	20	39948	2525.8	QPSK	0	0	23.55	0.507	2
41	20	40521	2583.1	QPSK	1	0	41	20	40719	2602.9	QPSK	0	0	22.48	0.396	2
41	20	40521	2583.1	QPSK	18	0	41	20	40719	2602.9	QPSK	0	0	23.66	0.520	2
41	20	41292	2660.2	QPSK	1	0	41	20	41490	2680	QPSK	0	0	22.58	0.406	2
41	20	41292	2660.2	QPSK	18	0	41	20	41490	2680	QPSK	0	0	23.62	0.515	2

## 4. Occupied Bandwidth

### 4.1. Test Setup



### 4.2. Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The 26 dB bandwidth and 99% occupied bandwidth of the low & middle & high channel for the highest RF powers were measured.

### 4.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 4.2 & 4.3  
ANSI C63.26: 2015 Sub-clause 5.4.3 & 5.4.4

#### 4.4. Test Result

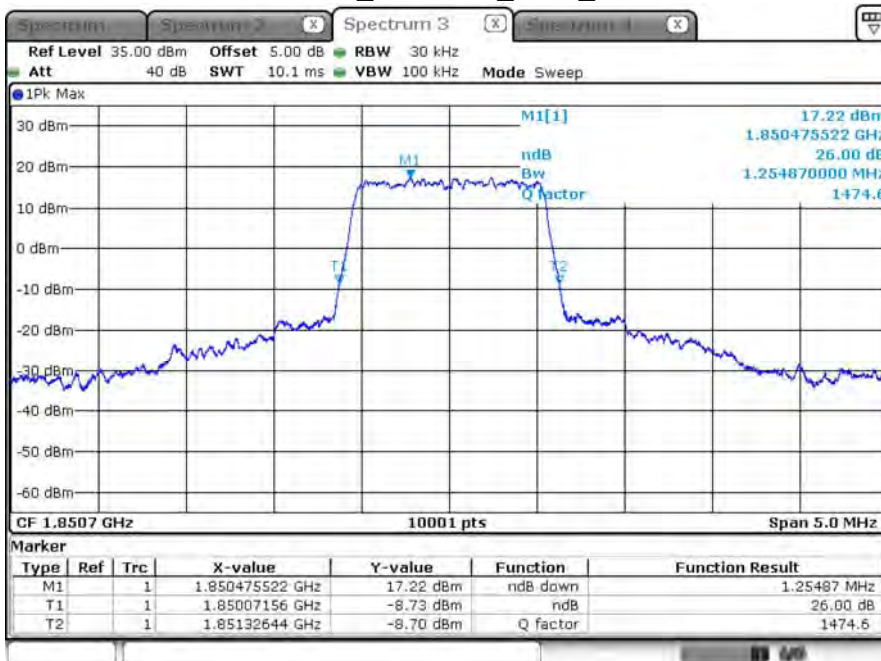
Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/05/11	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1850.7	1.255	1.095	N/A
1880	1.251	1.103	N/A
1909.3	1.240	1.088	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1850.7	1.247	1.103	N/A
1880	1.247	1.090	N/A
1909.3	1.250	1.092	N/A

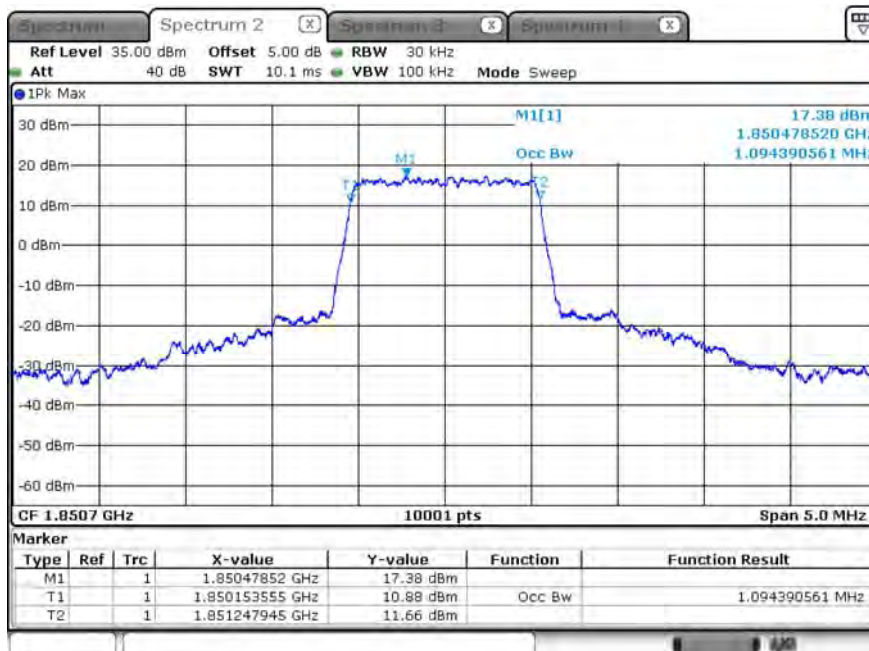


### -26dB BW\_CH18607\_1.4M\_QPSK



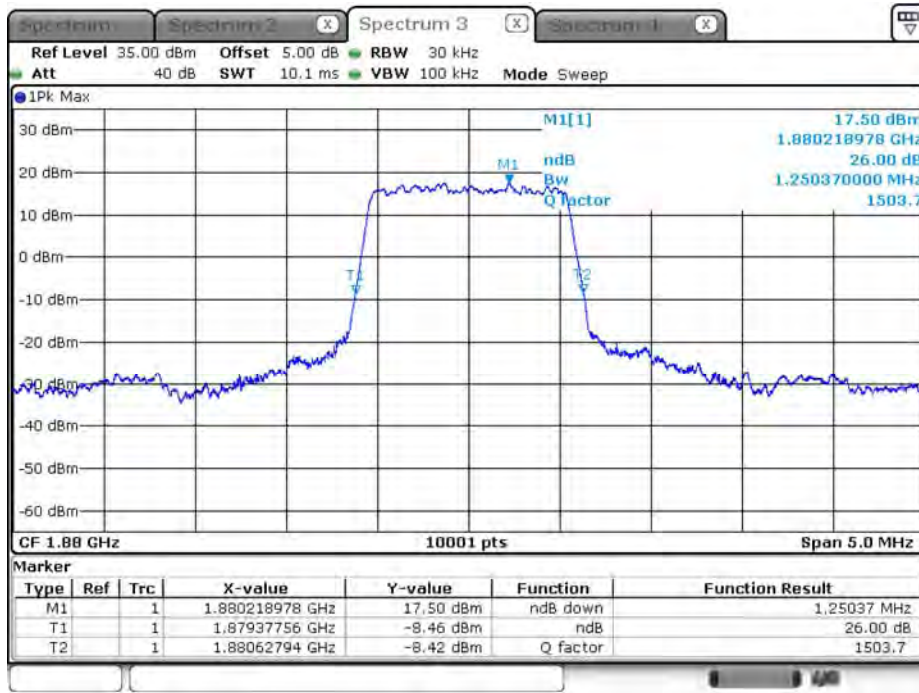
Date: 11.MAY.2018 10:04:41

### 99% BW\_CH18607\_1.4M\_QPSK



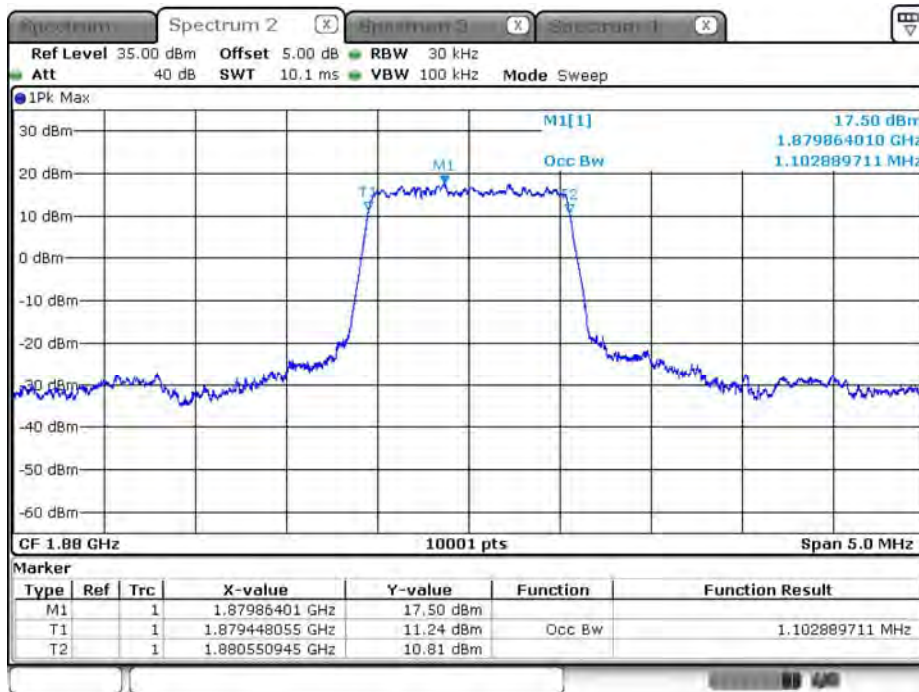
Date: 10.MAY.2018 19:45:36

### -26dB BW\_CH18900\_1.4M\_QPSK



Date: 11.MAY.2018 10:08:01

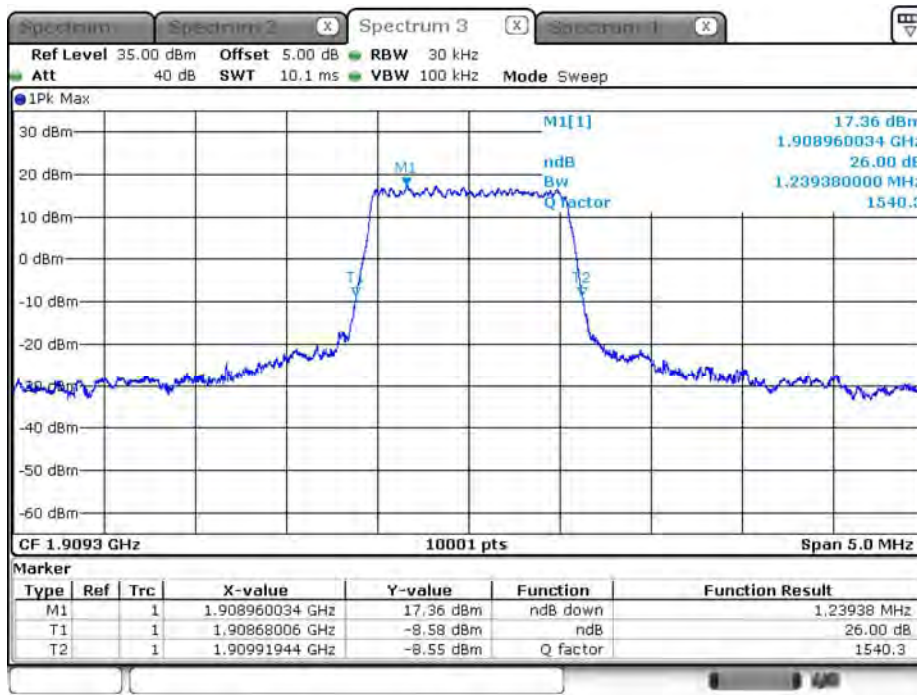
### 99% BW\_CH18900\_1.4M\_QPSK



Date: 11.MAY.2018 10:14:04

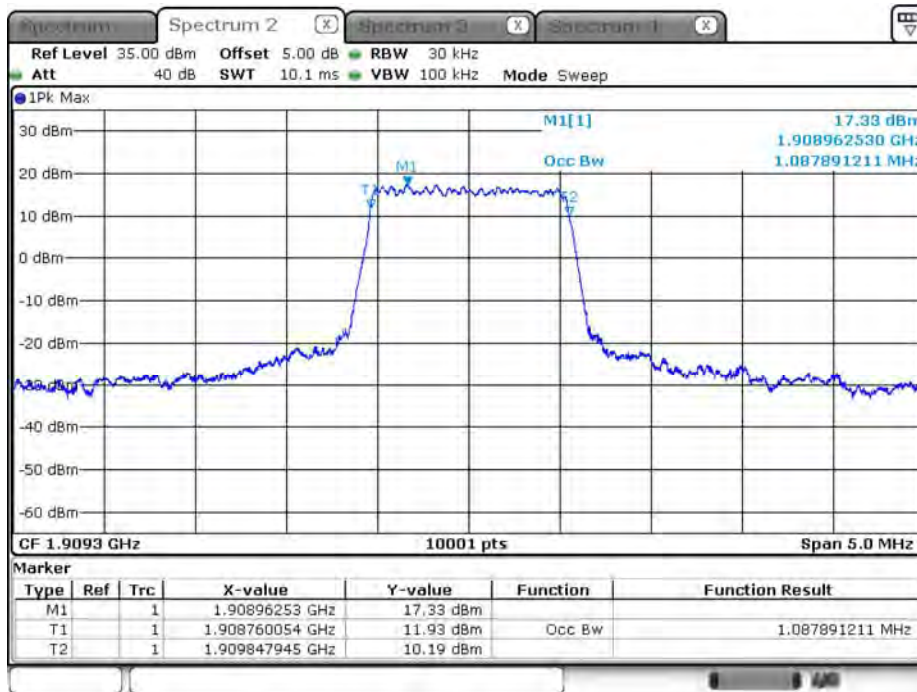


### -26dB BW\_CH19193\_1.4M\_QPSK



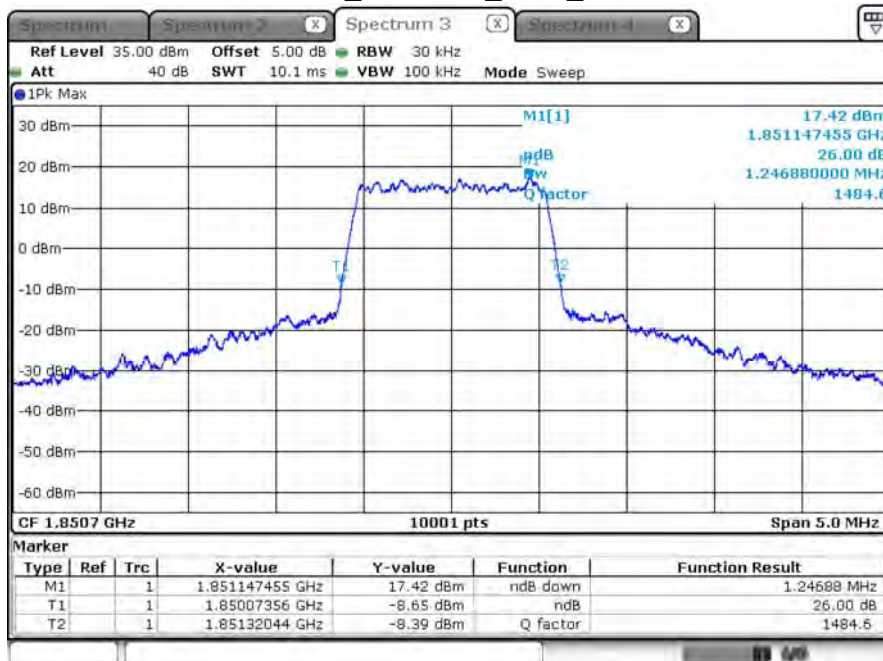
Date: 11.MAY.2018 10:21:58

### 99% BW\_CH19193\_1.4M\_QPSK



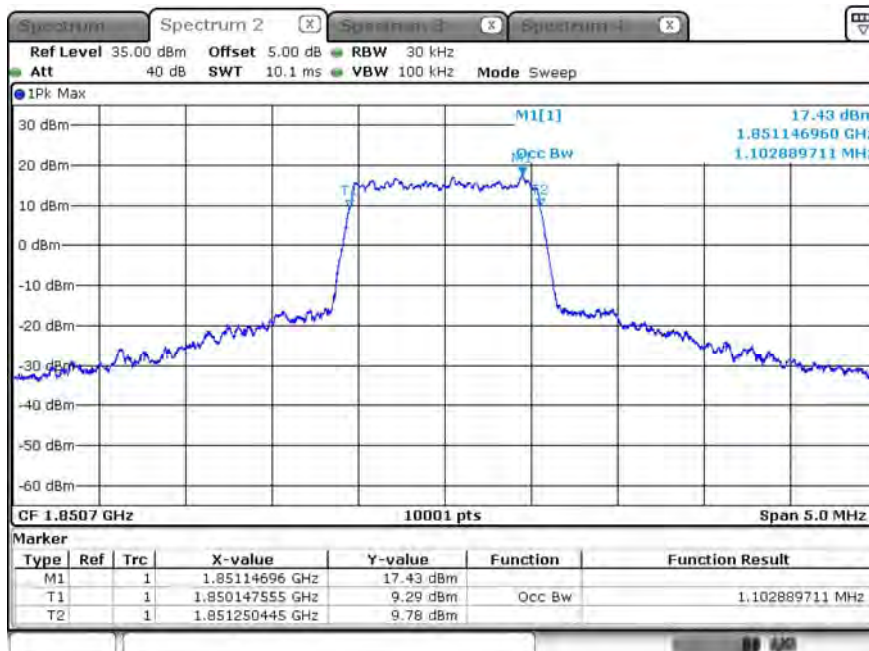
Date: 11.MAY.2018 10:16:40

### -26dB BW\_CH18607\_1.4M\_16-QAM



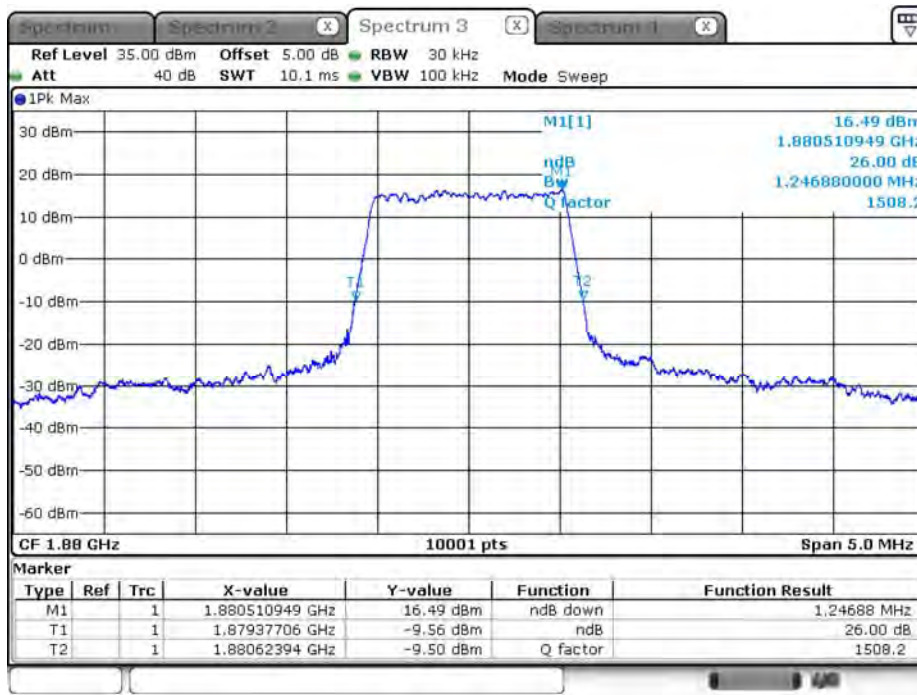
Date: 10 MAY 2018 19:49:40

### 99% BW\_CH18607\_1.4M\_16-QAM



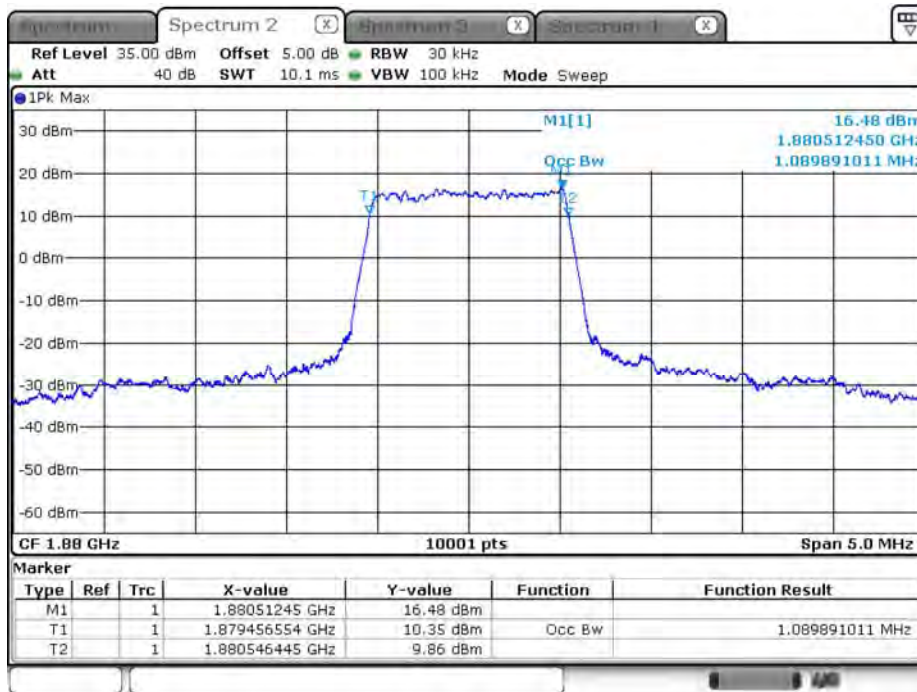
Date: 10 MAY 2018 19:47:56

### -26dB BW\_CH18900\_1.4M\_16-QAM



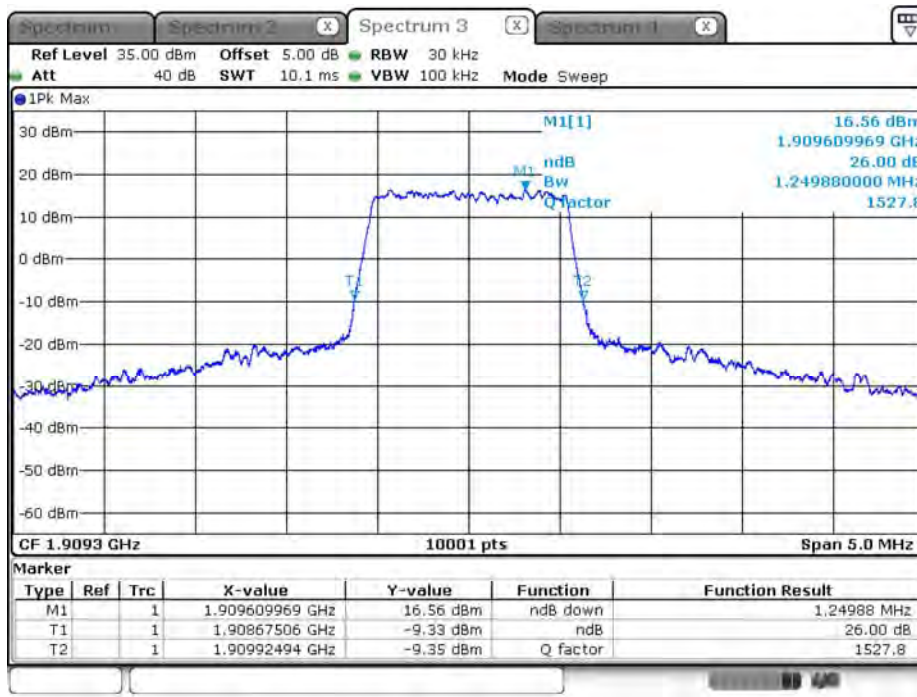
Date: 11.MAY.2018 10:10:21

### 99% BW\_CH18900\_1.4M\_16-QAM



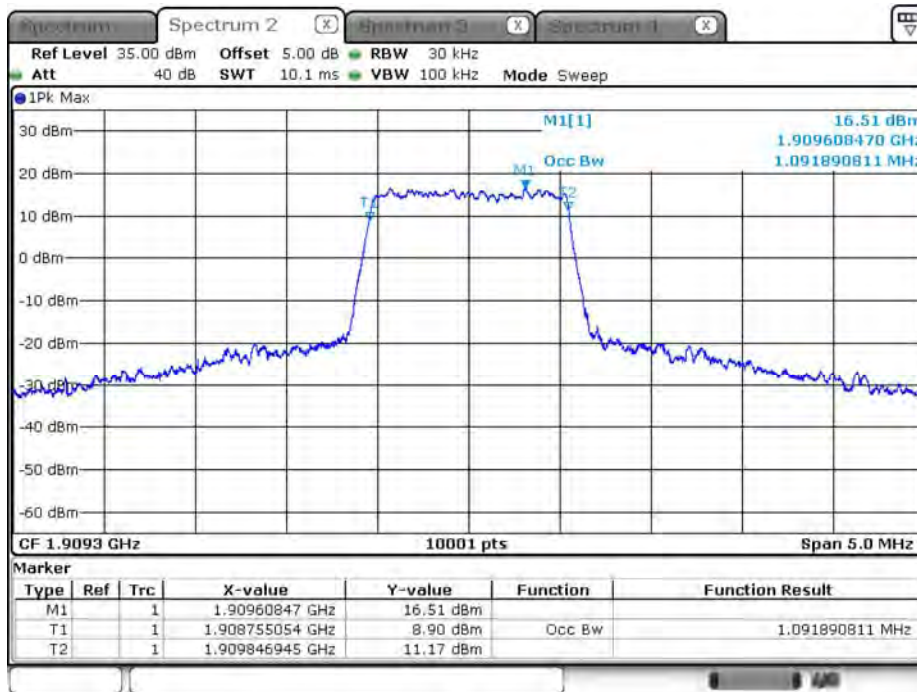
Date: 11.MAY.2018 10:12:56

### -26dB BW\_CH19193\_1.4M\_16-QAM



Date: 11.MAY.2018 10:20:40

### 99% BW\_CH19193\_1.4M\_16-QAM



Date: 11.MAY.2018 10:18:31

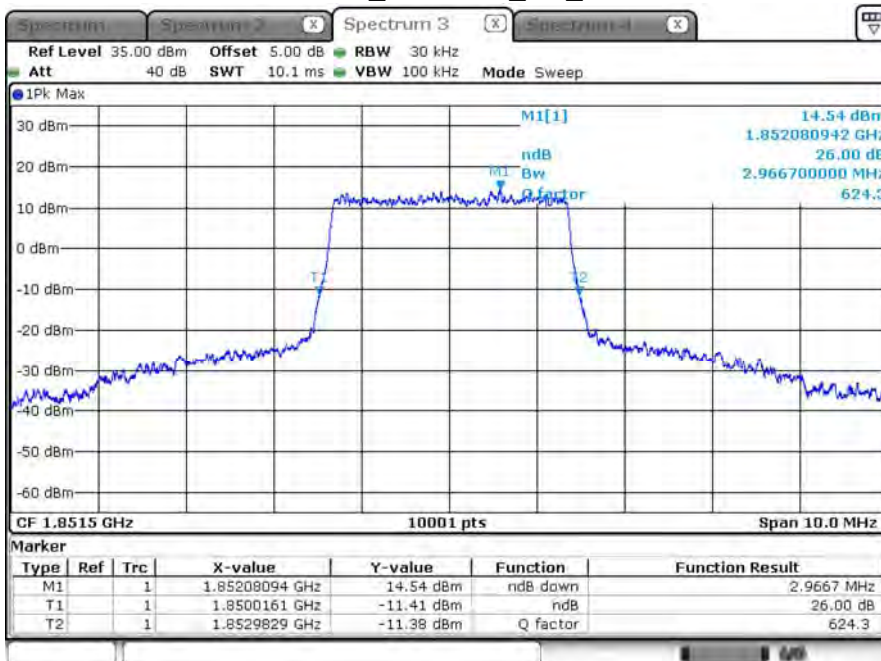


Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/05/11	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1851.5	2.967	2.687	N/A
1880	2.956	2.684	N/A
1908.5	2.939	2.683	N/A

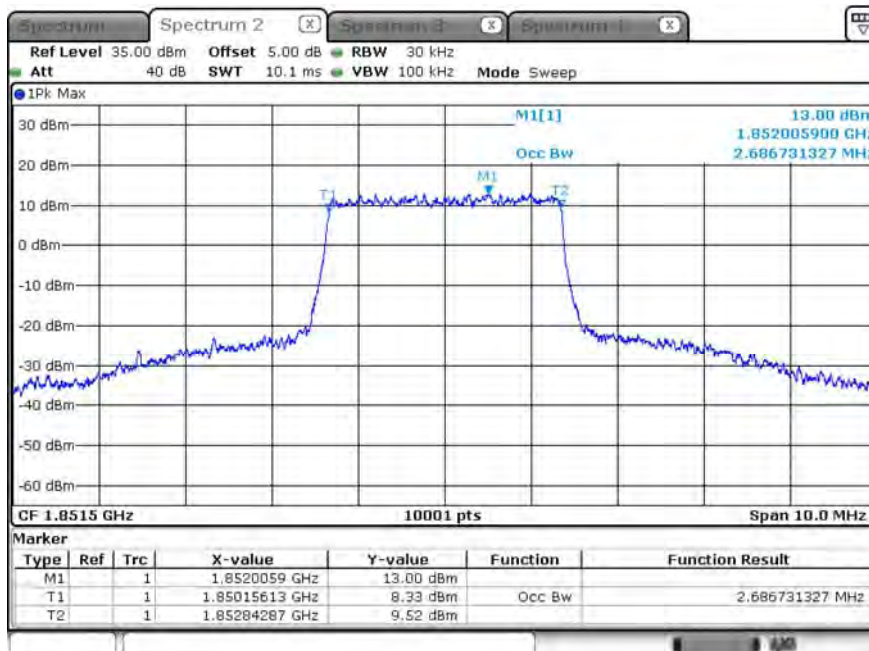
3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1851.5	2.969	2.687	N/A
1880	2.946	2.682	N/A
1908.5	2.963	2.682	N/A

### -26dB BW\_CH18607\_3M\_QPSK



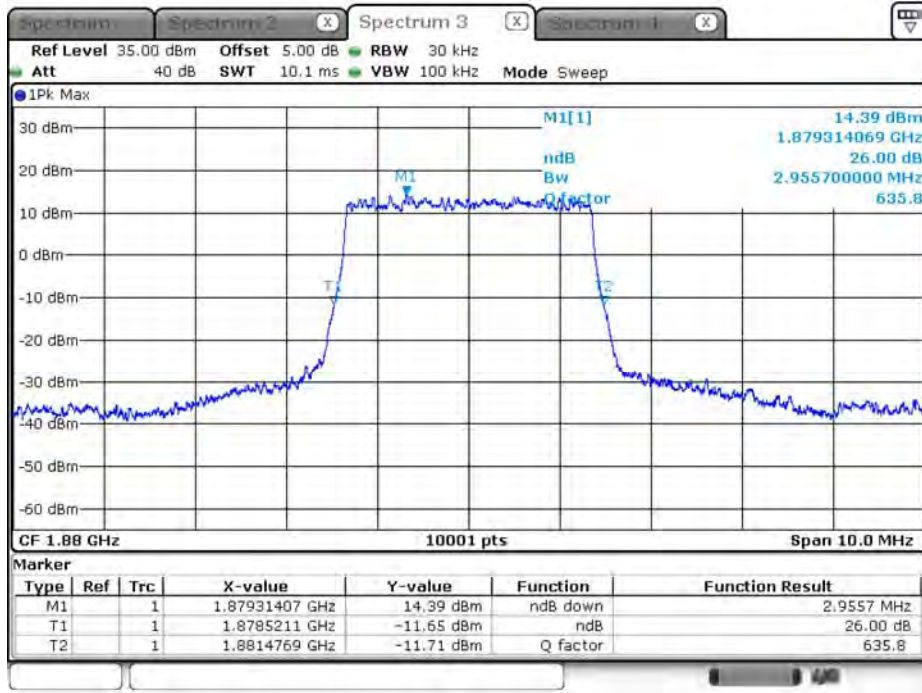
Date: 11.MAY.2018 10:47:59

### 99% BW\_CH18615\_3M\_QPSK



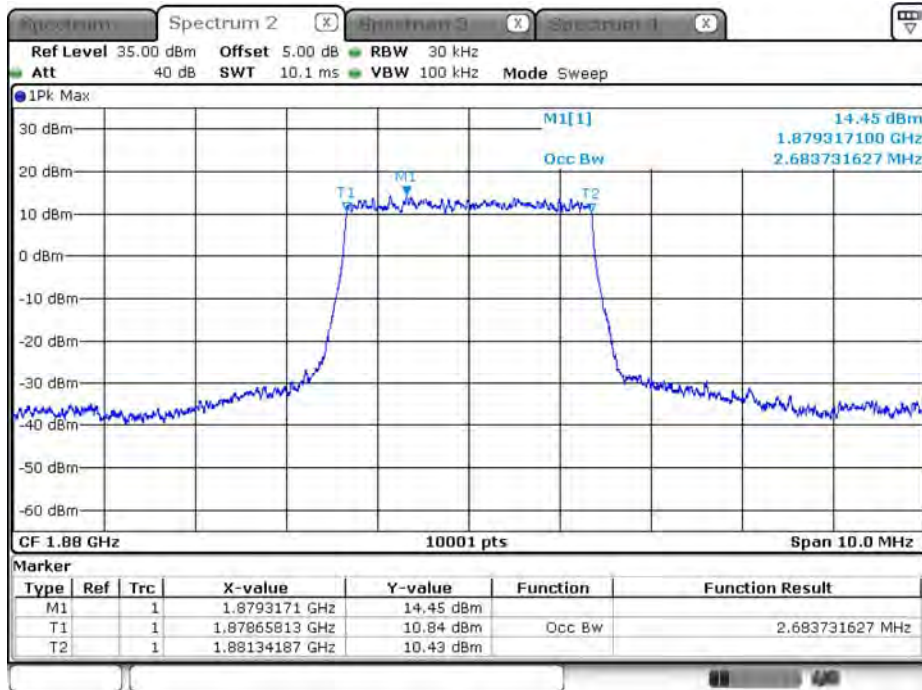
Date: 11.MAY.2018 10:39:04

### -26dB BW\_CH18900\_3M\_QPSK



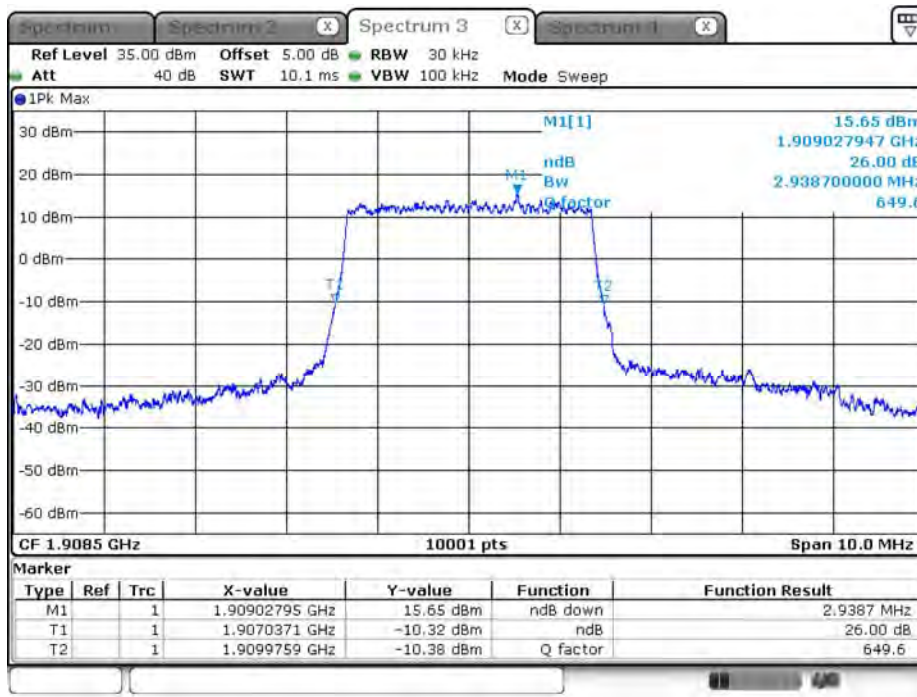
Date: 11.MAY.2018 11:07:03

### 99% BW\_CH18900\_3M\_QPSK



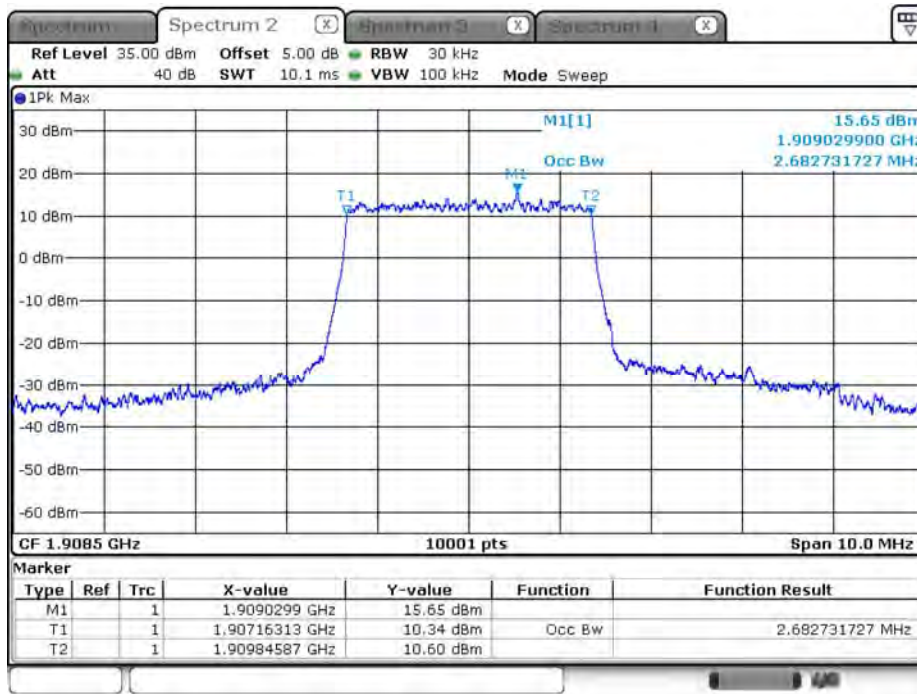
Date: 11.MAY.2018 10:50:34

### -26dB BW\_CH19185\_3M\_QPSK



Date: 11.MAY.2018 11:12:17

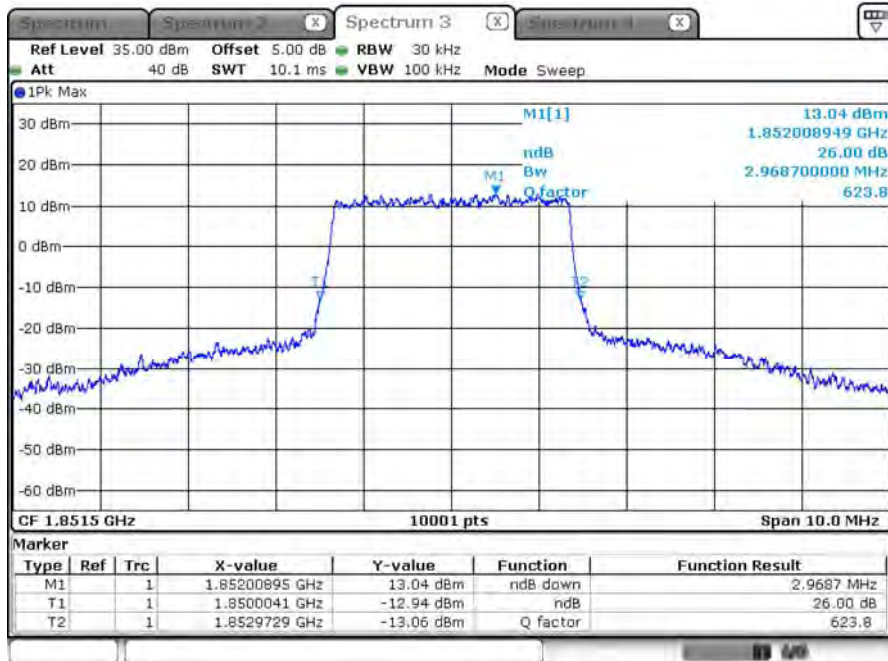
### 99% BW\_CH19185\_3M\_QPSK



Date: 11.MAY.2018 11:23:08

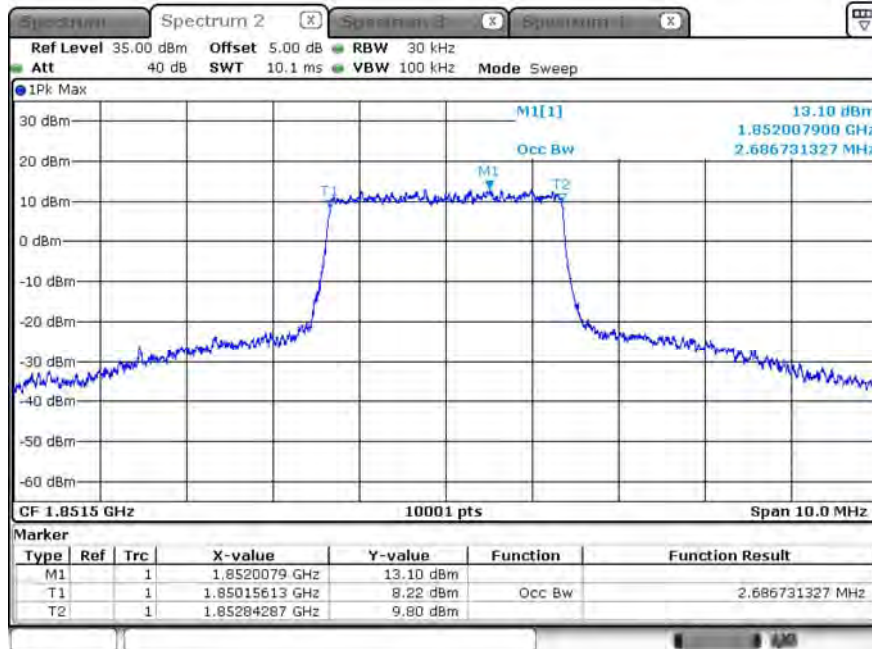


### -26dB BW\_CH18607\_3M\_16-QAM



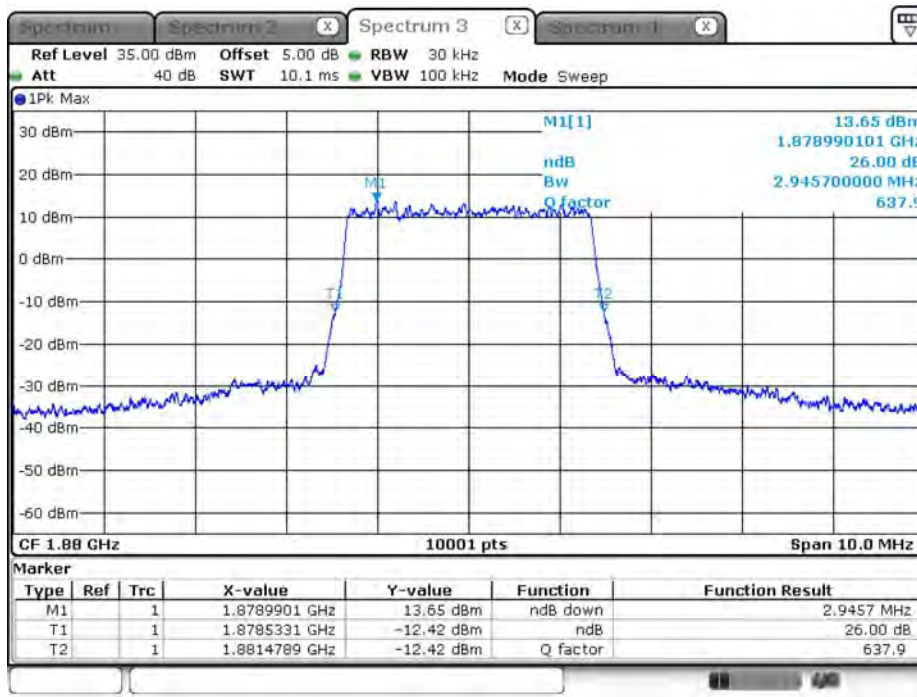
Date: 11.MAY.2018 10:46:22

### 99% BW\_CH18615\_3M\_16-QAM



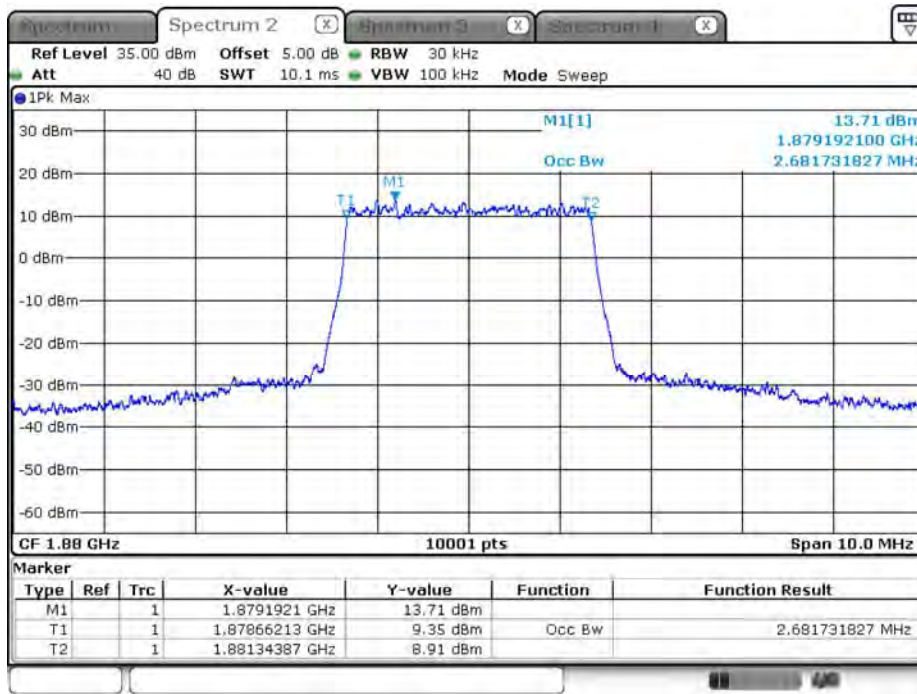
Date: 11.MAY.2018 10:44:02

### -26dB BW\_CH18900\_3M\_16-QAM



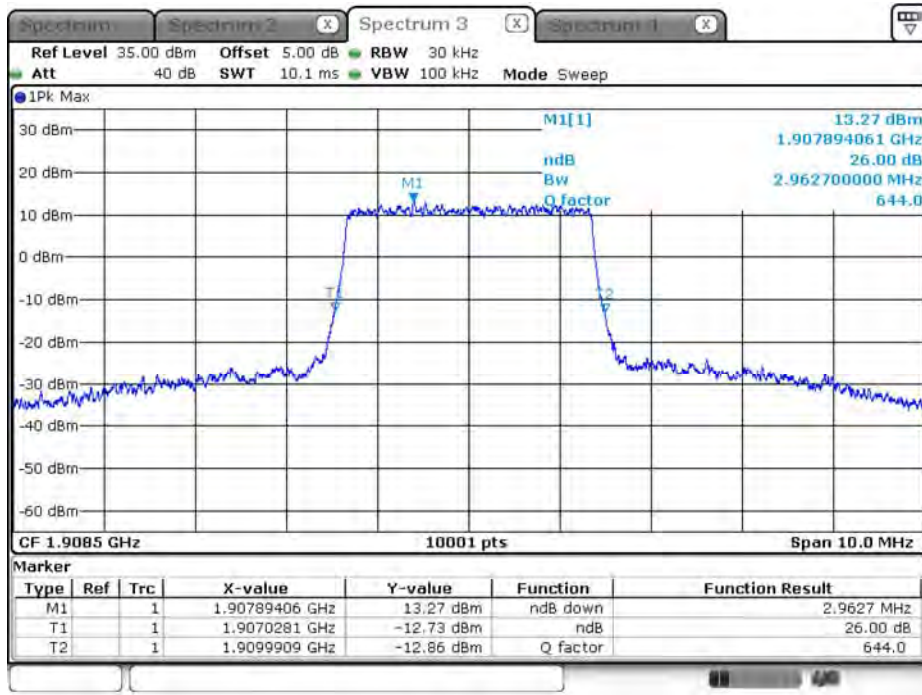
Date: 11.MAY.2018 11:05:38

### 99% BW\_CH18900\_3M\_16-QAM



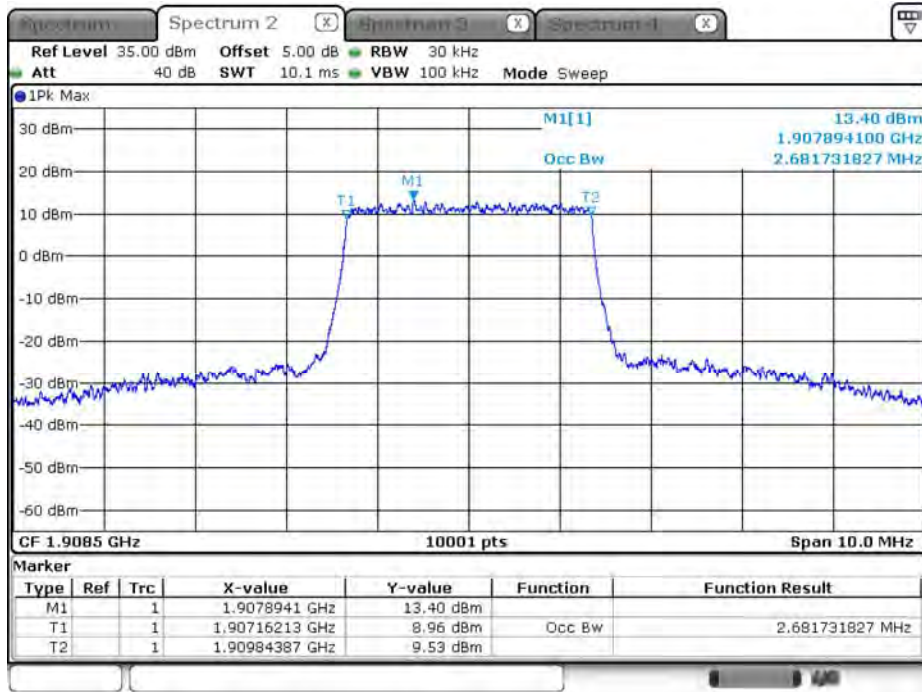
Date: 11.MAY.2018 11:03:44

### -26dB BW\_CH19185\_3M\_16-QAM



Date: 11.MAY.2018 11:13:46

### 99% BW\_CH19185\_3M\_16-QAM



Date: 11.MAY.2018 11:18:46

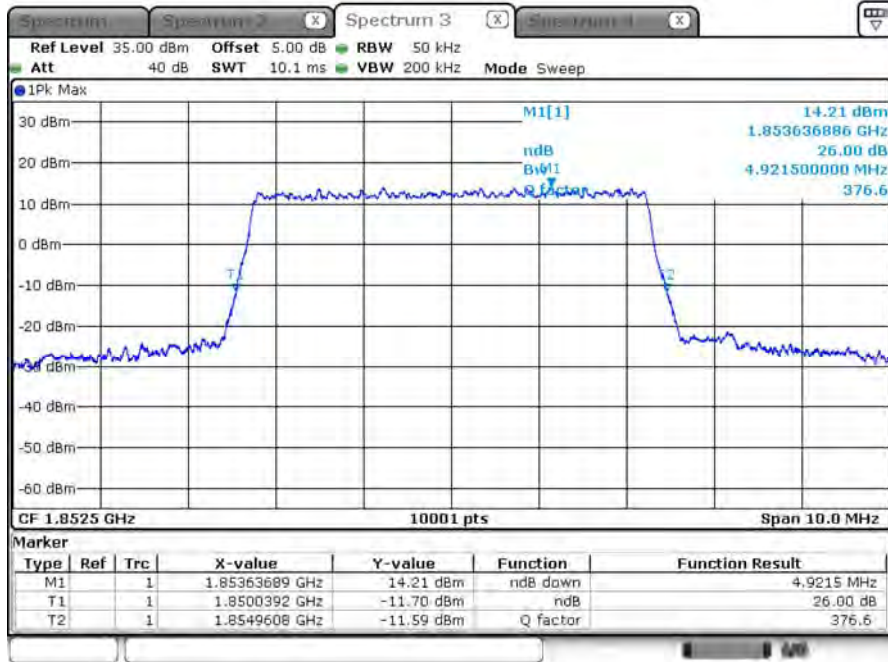
Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/05/11	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1852.5	4.922	4.484	N/A
1880	4.910	4.465	N/A
1907.5	4.878	4.478	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1852.5	4.935	4.480	N/A
1880	4.907	4.469	N/A
1907.5	4.834	4.466	N/A

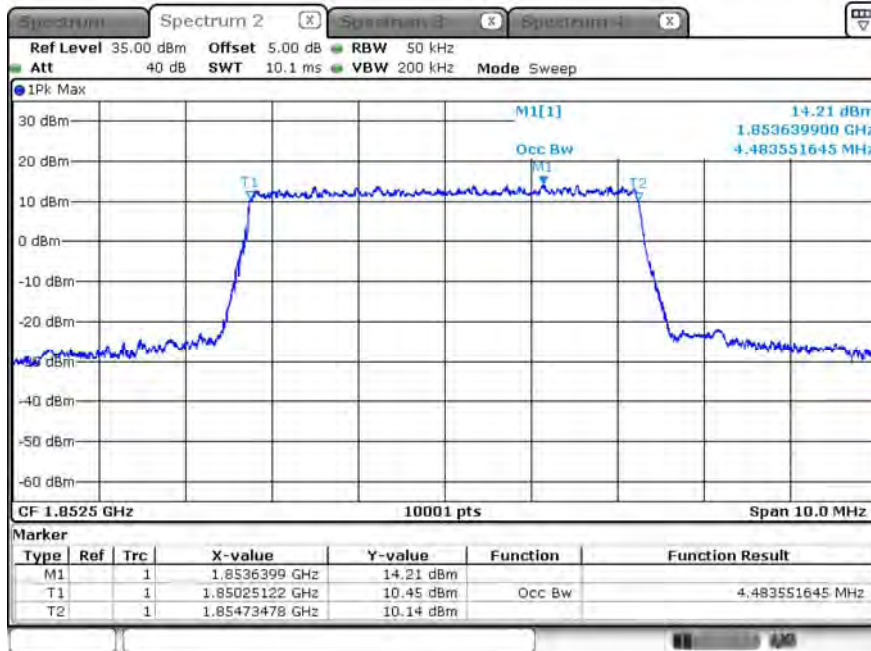


### -26dB BW\_CH18625\_5M\_QPSK



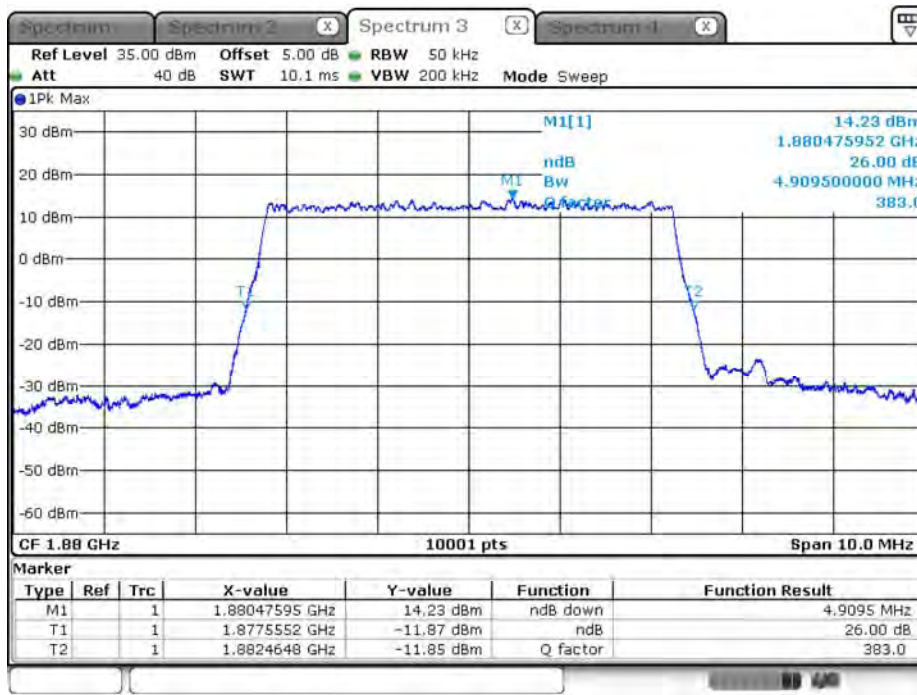
Date: 11.MAY.2018 11:37:29

### 99% BW\_CH18625\_5M\_QPSK



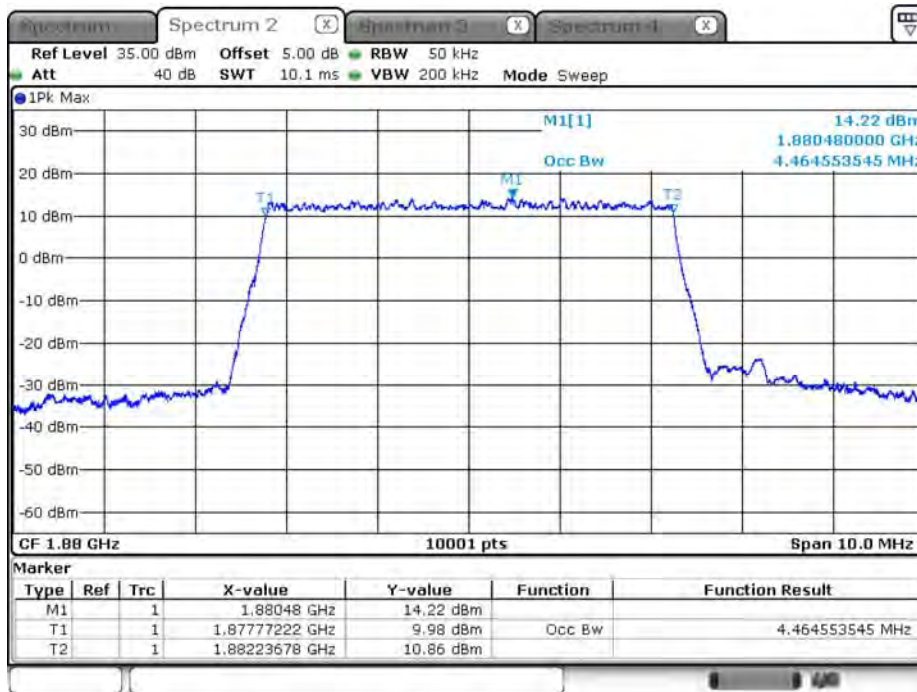
Date: 11.MAY.2018 11:25:22

### -26dB BW\_CH18900\_5M\_QPSK



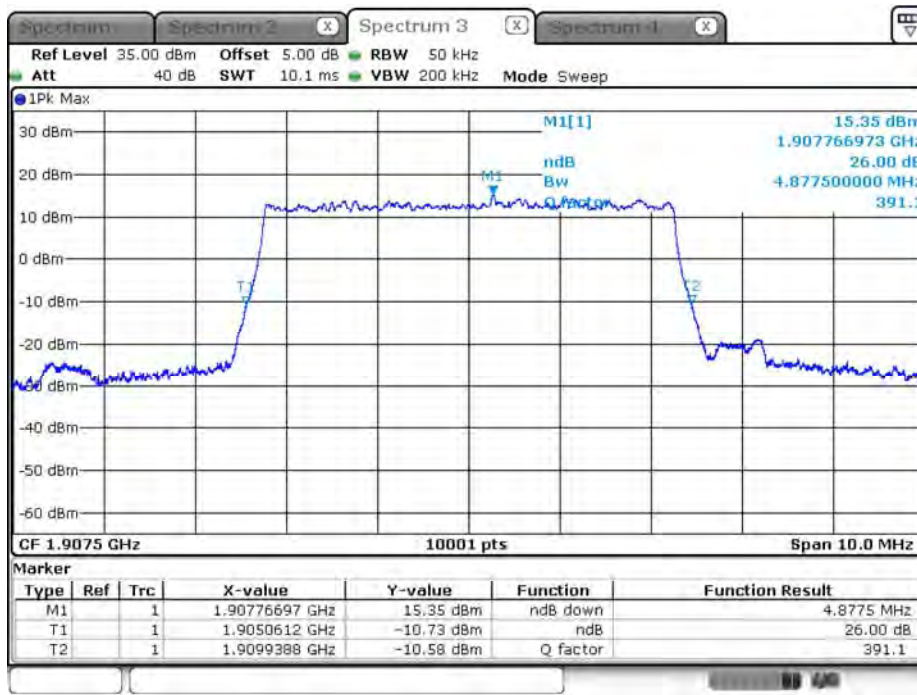
Date: 11.MAY.2018 11:42:54

### 99% BW\_CH18900\_5M\_QPSK



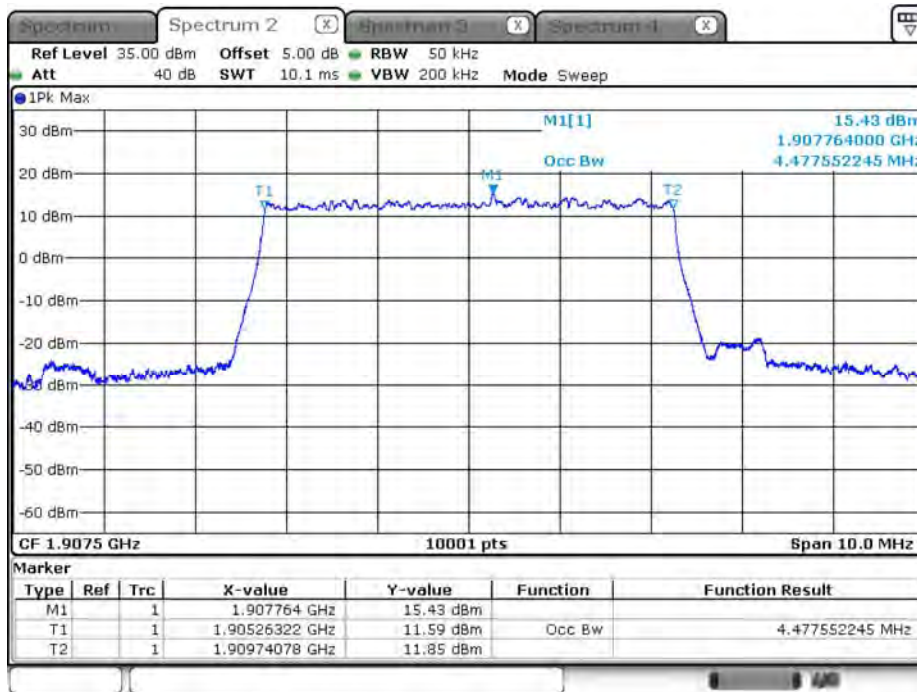
Date: 11.MAY.2018 11:48:31

### -26dB BW\_CH19175\_5M\_QPSK



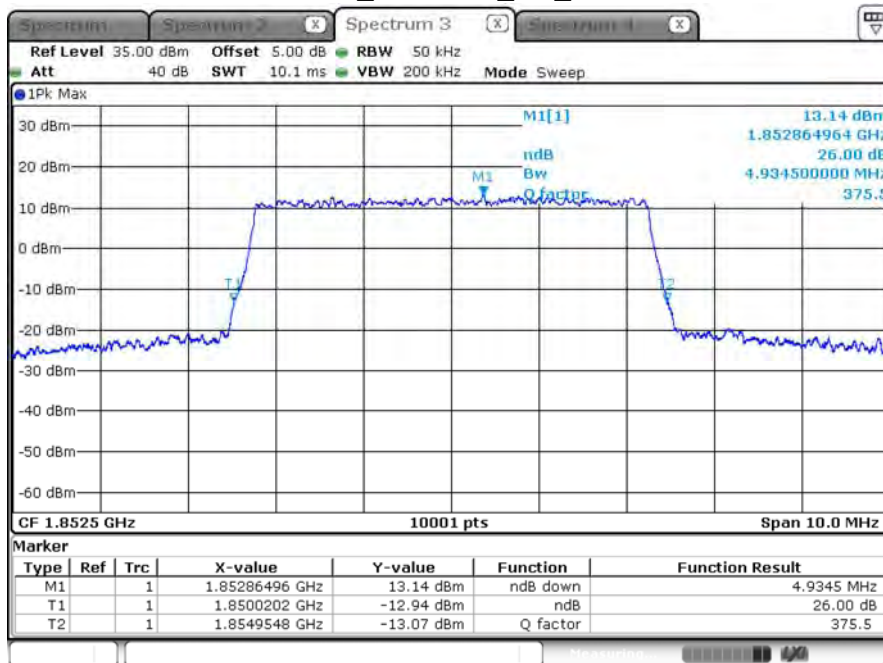
Date: 11 MAY 2018 12:08:14

### 99% BW\_CH19175\_5M\_QPSK



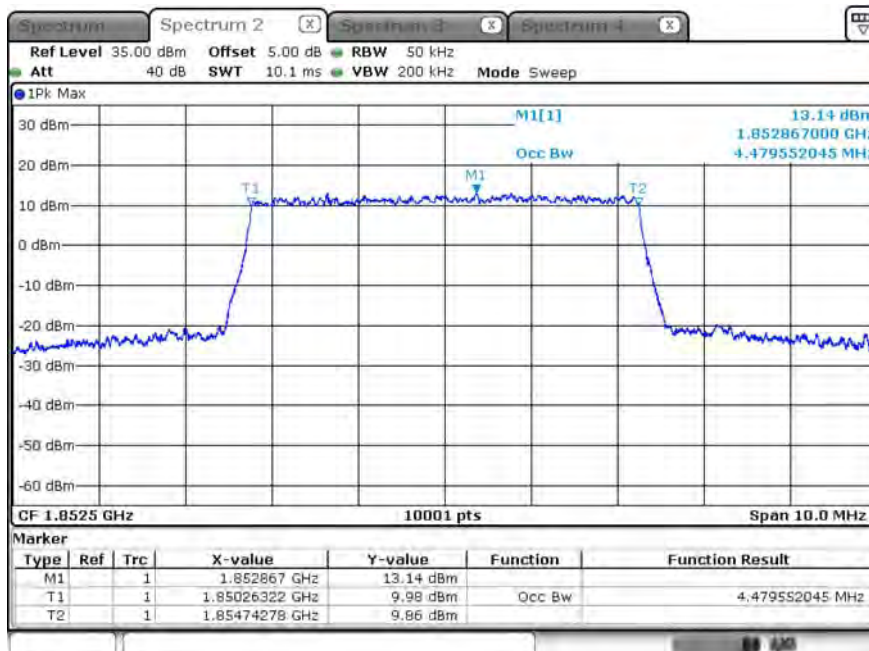
Date: 11 MAY 2018 12:00:51

### -26dB BW\_CH18625\_5M\_16-QAM



Date: 11.MAY.2018 11:34:27

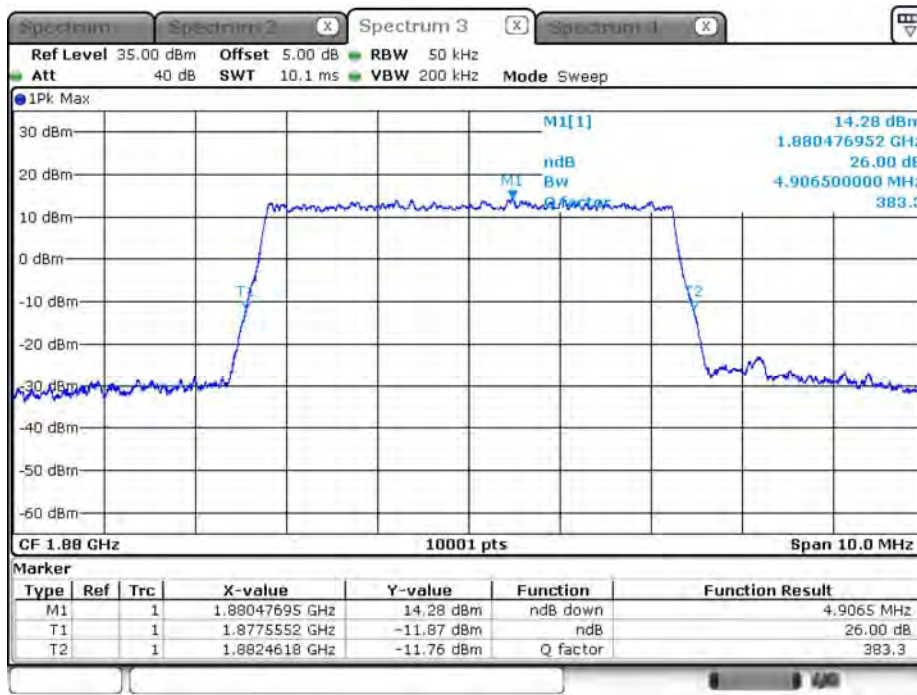
### 99% BW\_CH18625\_5M\_16-QAM



Date: 11.MAY.2018 11:27:16

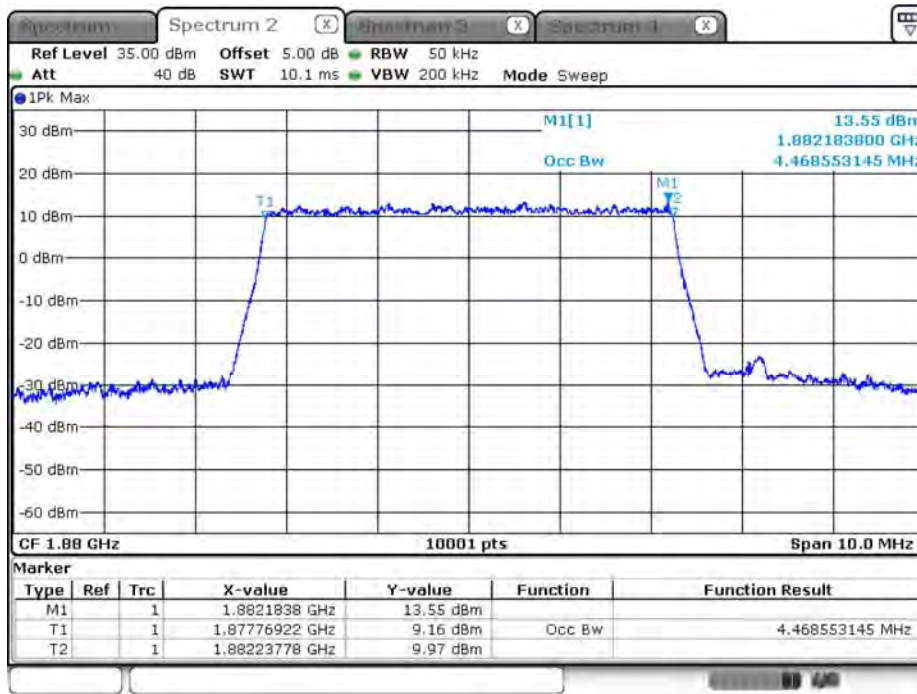


### -26dB BW\_CH18900\_5M\_16-QAM



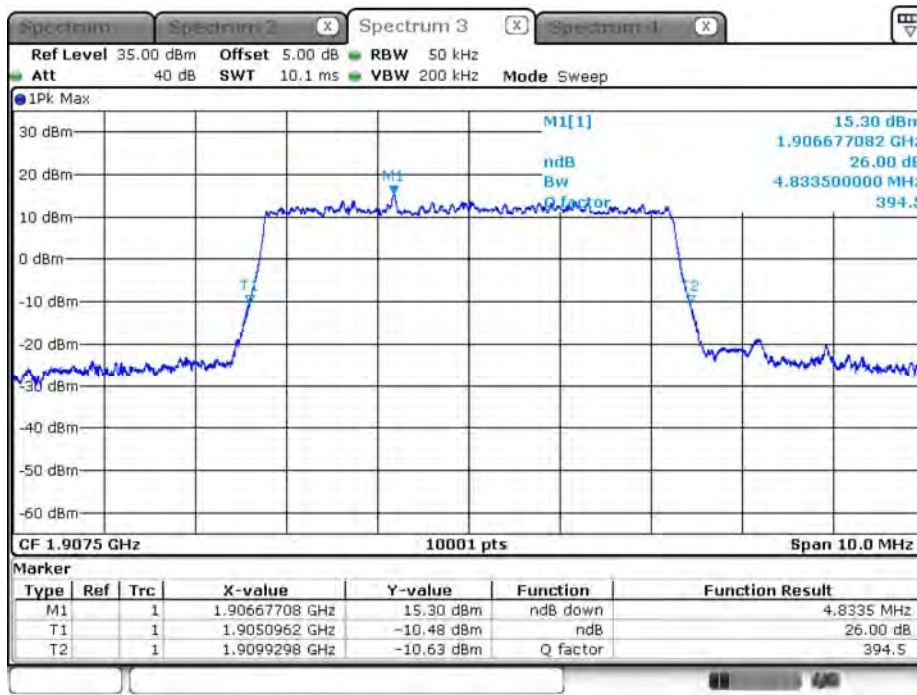
Date: 11.MAY.2018 11:44:45

### 99% BW\_CH18900\_5M\_16-QAM



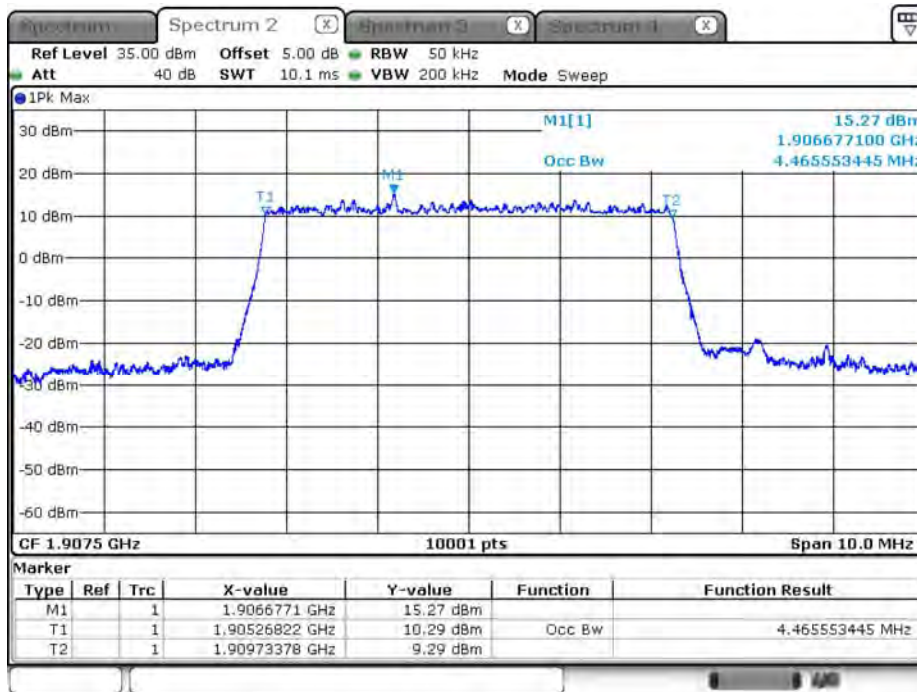
Date: 11.MAY.2018 11:47:07

### -26dB BW\_CH19175\_5M\_16-QAM



Date: 11.MAY.2018 12:04:05

### 99% BW\_CH19175\_5M\_16-QAM



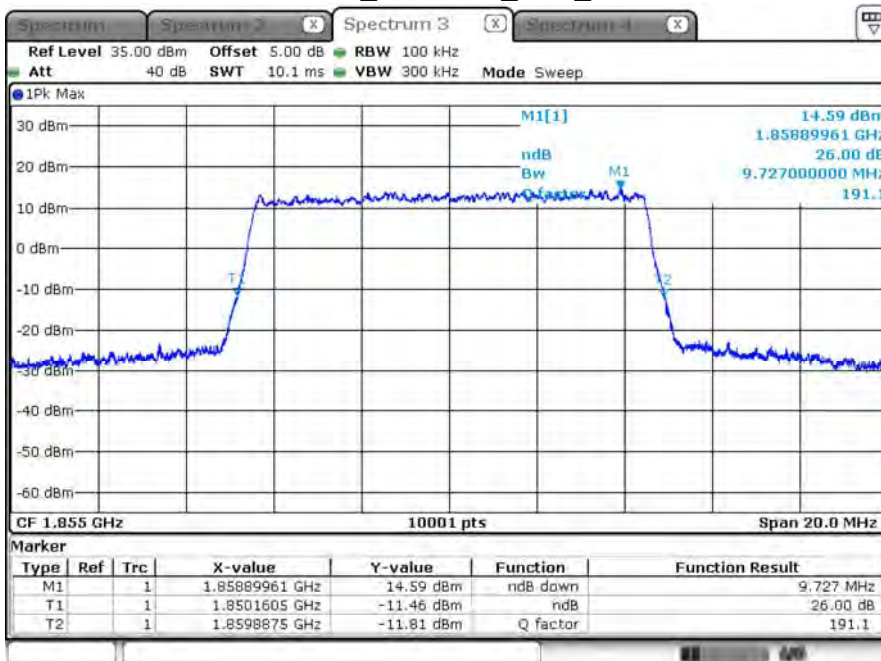
Date: 11.MAY.2018 12:02:20

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/05/11	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1855	9.728	8.924	N/A
1880	9.688	8.940	N/A
1905	9.633	8.950	N/A

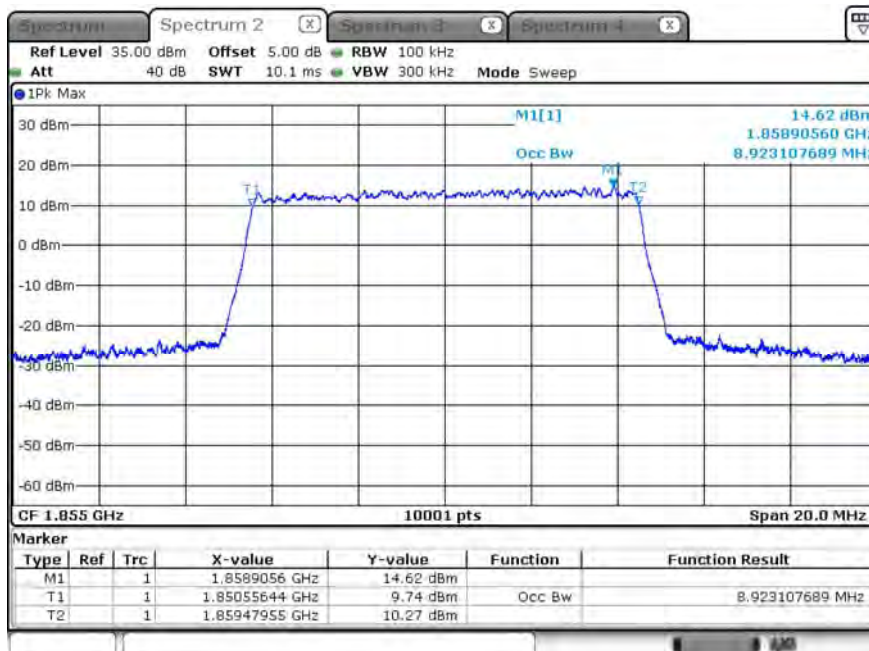
10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1855	9.635	8.940	N/A
1880	9.633	8.912	N/A
1905	9.629	8.958	N/A

### -26dB BW\_CH18650\_10M\_QPSK



Date: 11.MAY.2018 13:25:53

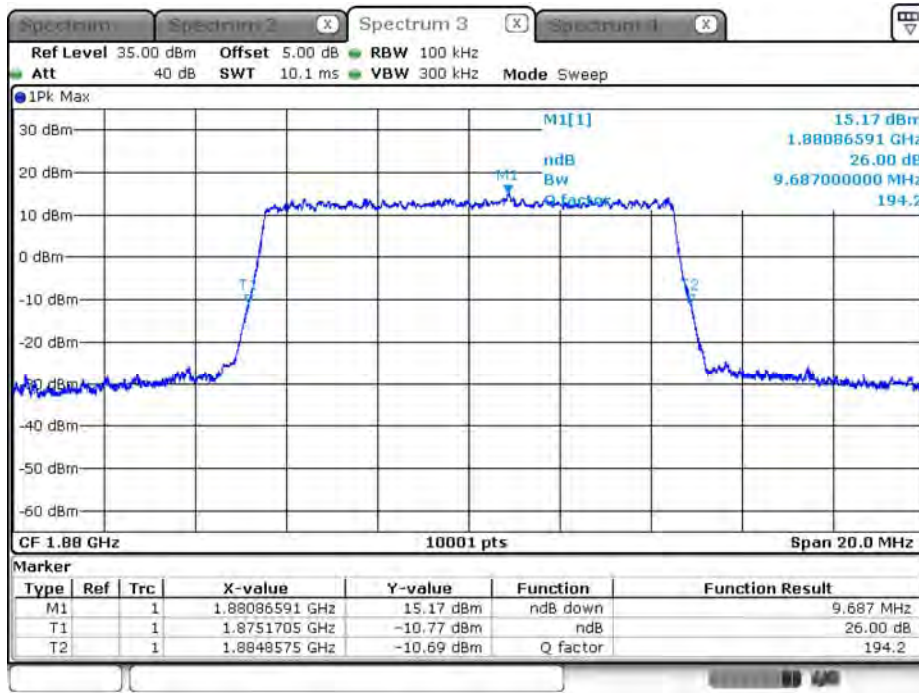
### 99% BW\_CH18650\_10M\_QPSK



Date: 11.MAY.2018 13:36:43

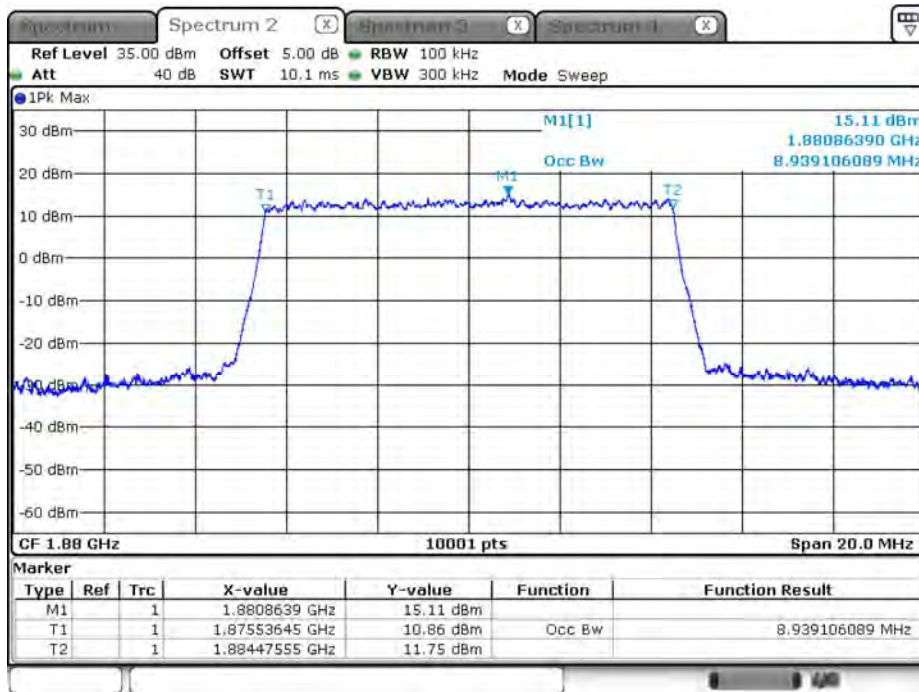


### -26dB BW\_CH18900\_10M\_QPSK



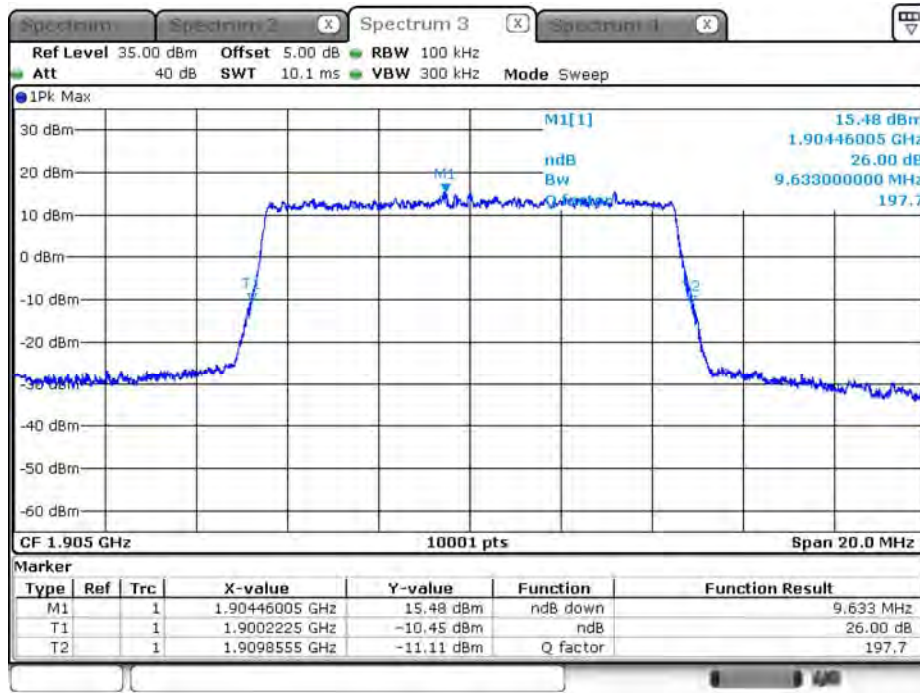
Date: 11 MAY 2018 13:49:19

### 99% BW\_CH18900\_10M\_QPSK



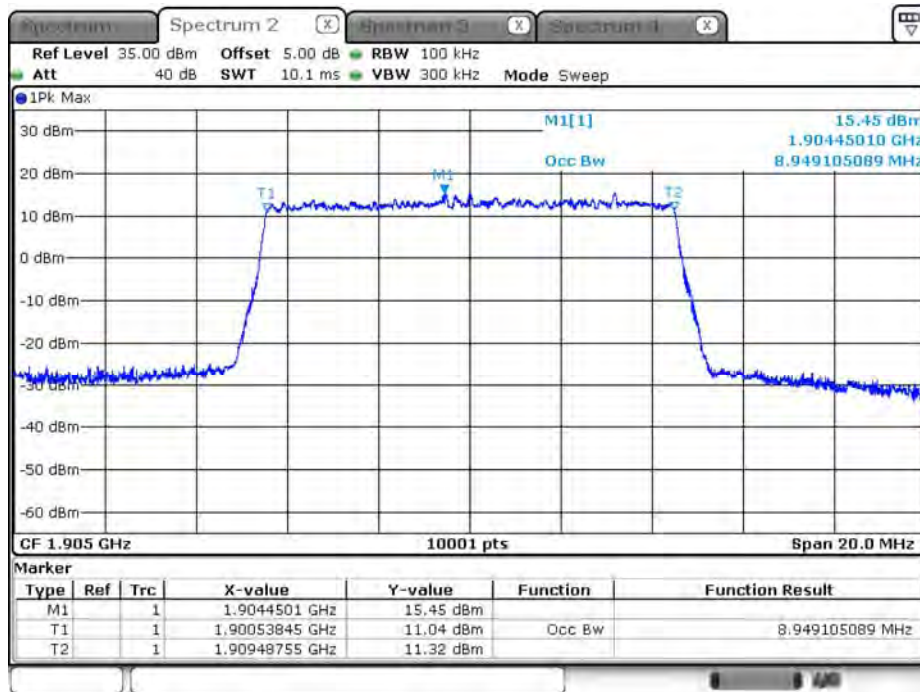
Date: 11 MAY 2018 13:42:05

### -26dB BW\_CH19150\_10M\_QPSK



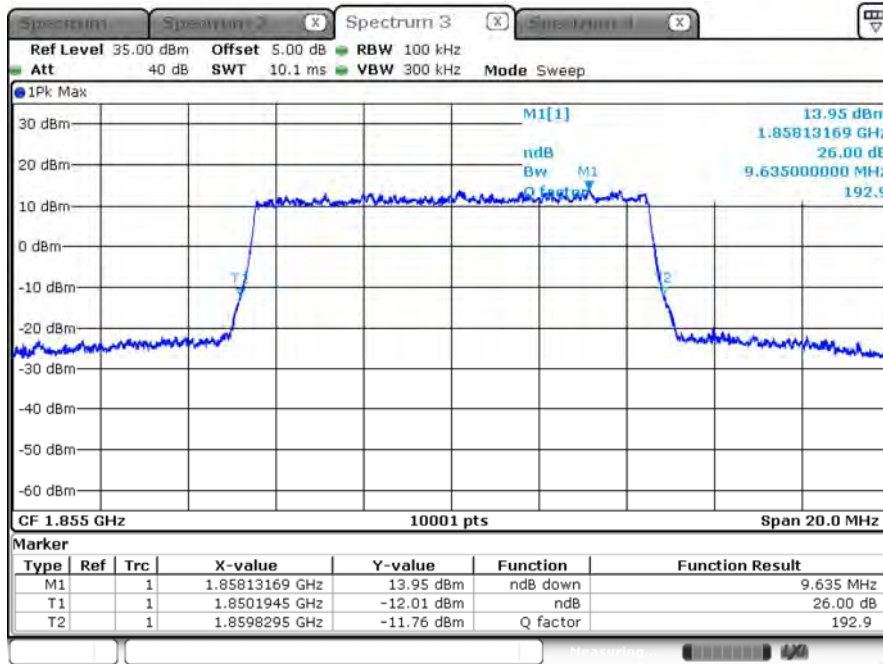
Date: 11.MAY.2018 13:54:06

### 99% BW\_CH19150\_10M\_QPSK



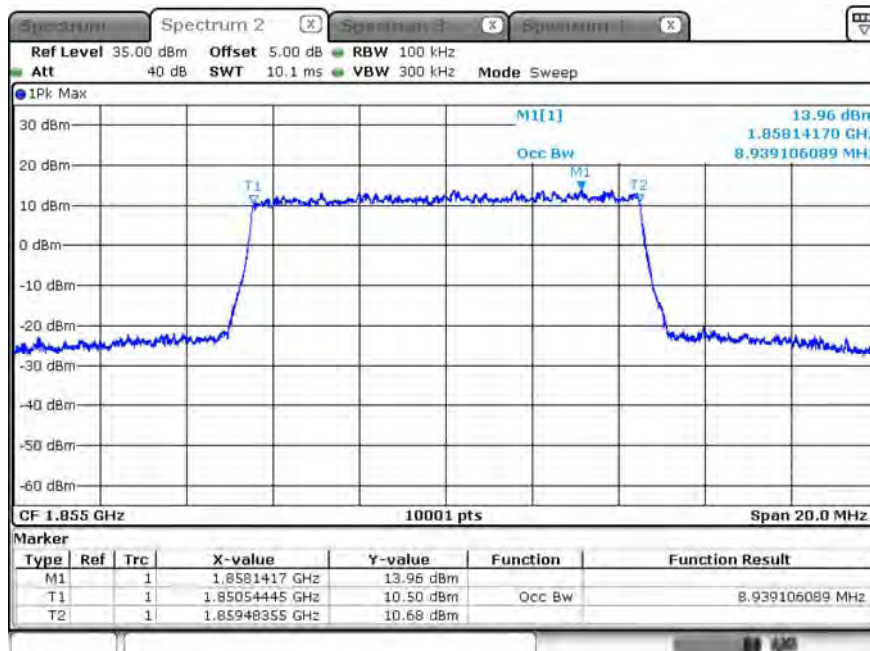
Date: 11.MAY.2018 14:01:30

### -26dB BW\_CH18650\_10M\_16-QAM



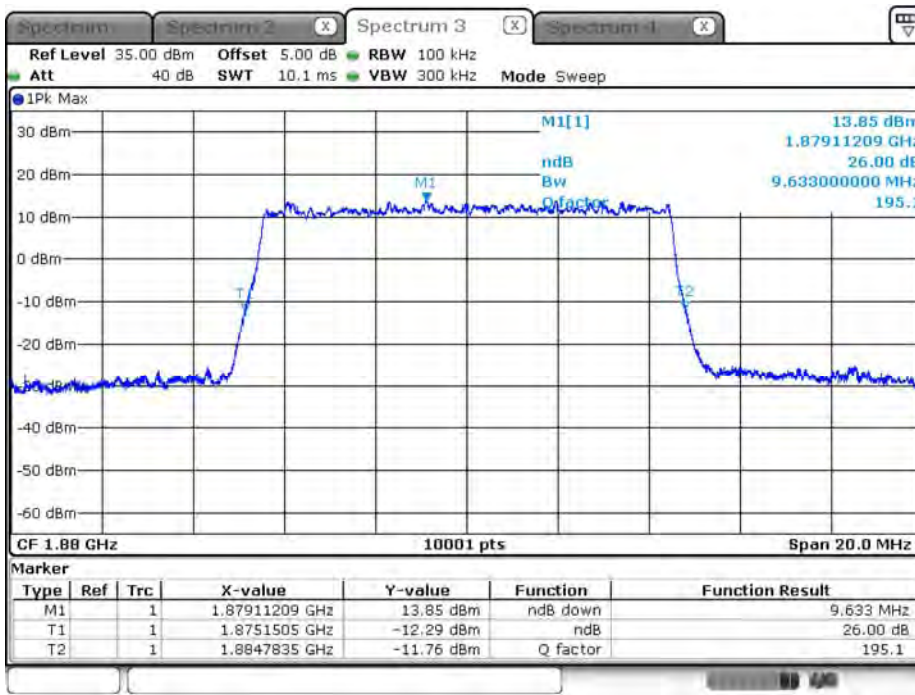
Date: 11.MAY.2018 13:27:33

### 99% BW\_CH18650\_10M\_16-QAM



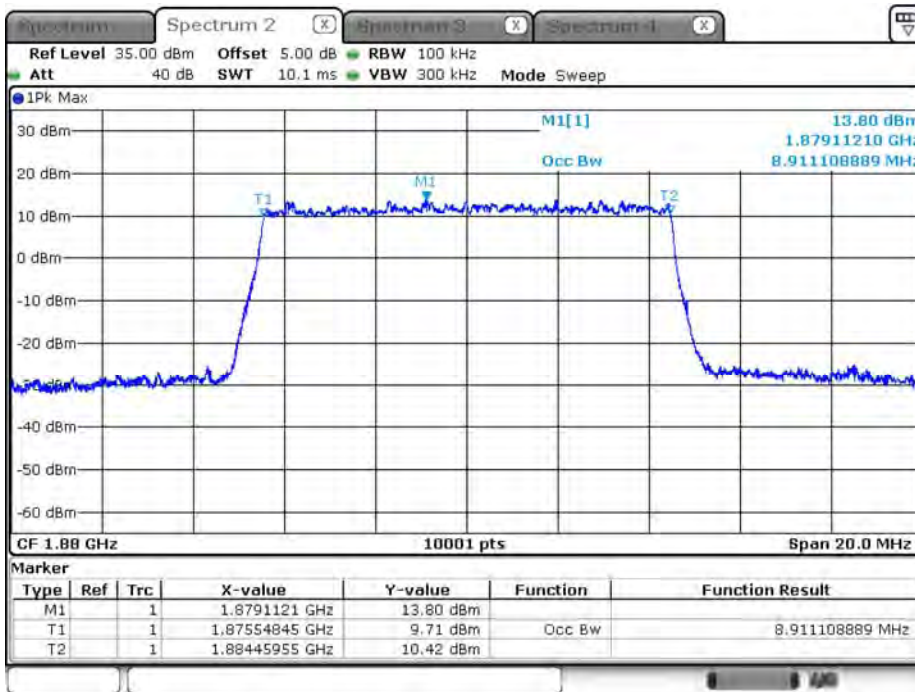
Date: 11.MAY.2018 13:31:37

### -26dB BW\_CH18900\_10M\_16-QAM



Date: 11.MAY.2018 13:46:51

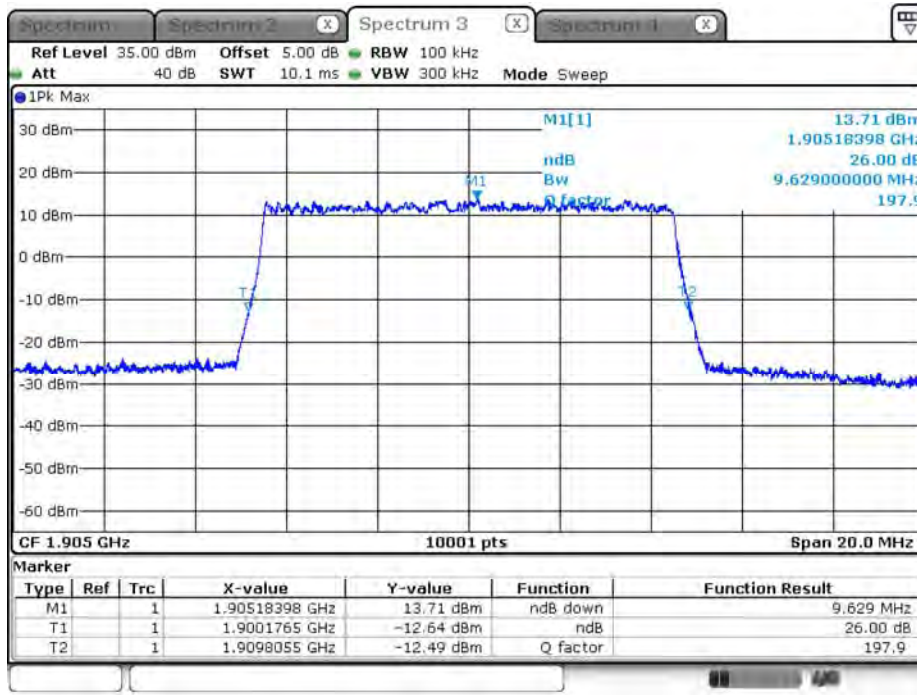
### 99% BW\_CH18900\_10M\_16-QAM



Date: 11.MAY.2018 13:44:13

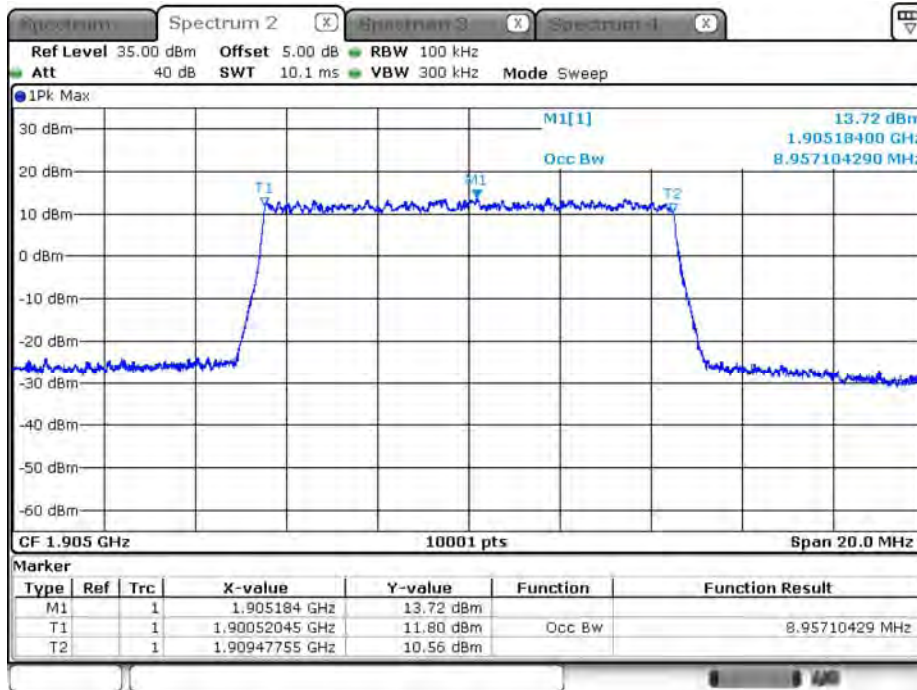


### -26dB BW\_CH19150\_10M\_16-QAM



Date: 11.MAY.2018 13:55:56

### 99% BW\_CH19150\_10M\_16-QAM



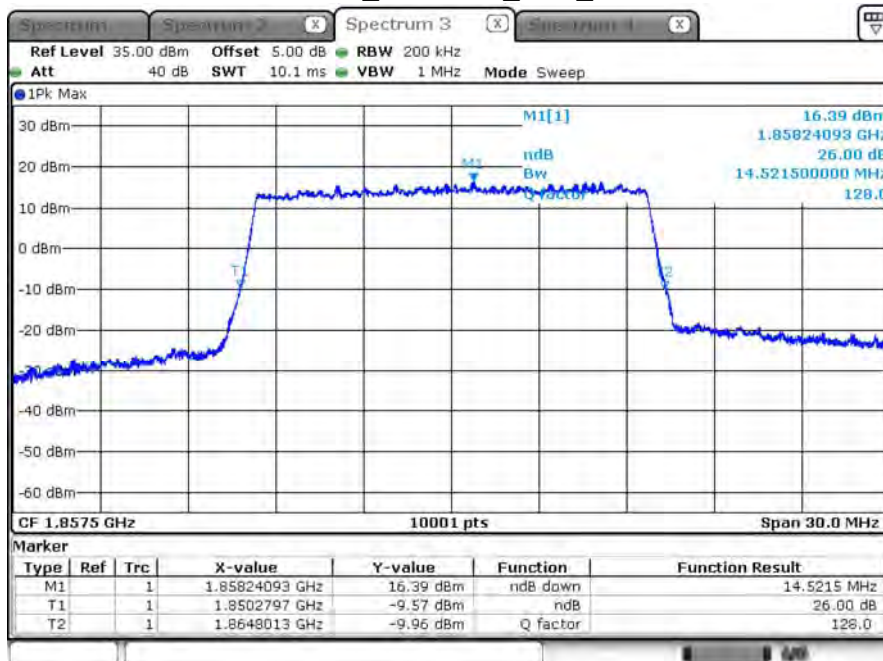
Date: 11.MAY.2018 13:58:22

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/05/11	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1857.5	14.522	13.430	N/A
1880	14.498	13.376	N/A
1902.5	14.540	13.409	N/A

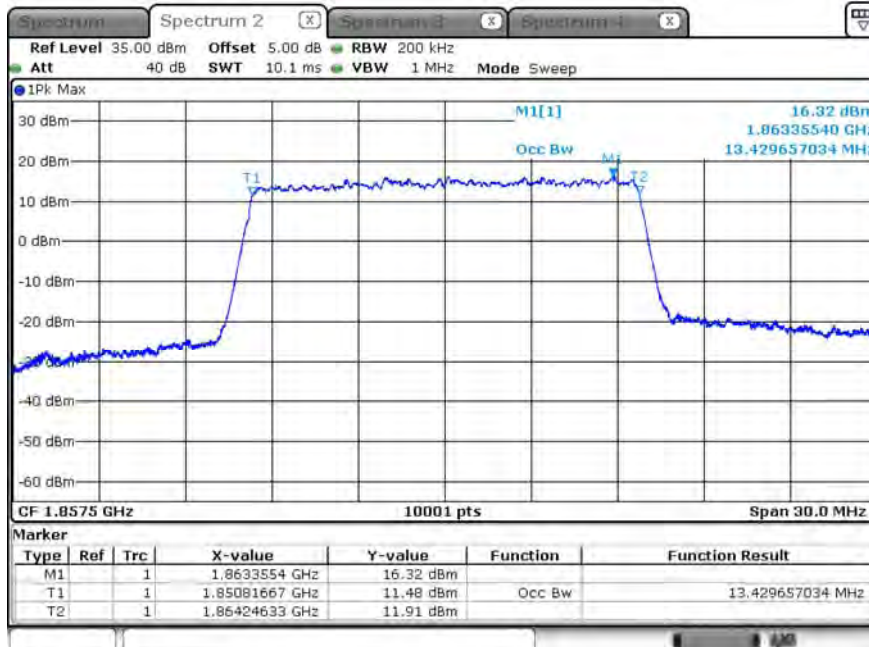
15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1857.5	14.552	13.397	N/A
1880	14.573	13.400	N/A
1902.5	14.507	13.418	N/A

### -26dB BW\_CH18675\_15M\_QPSK



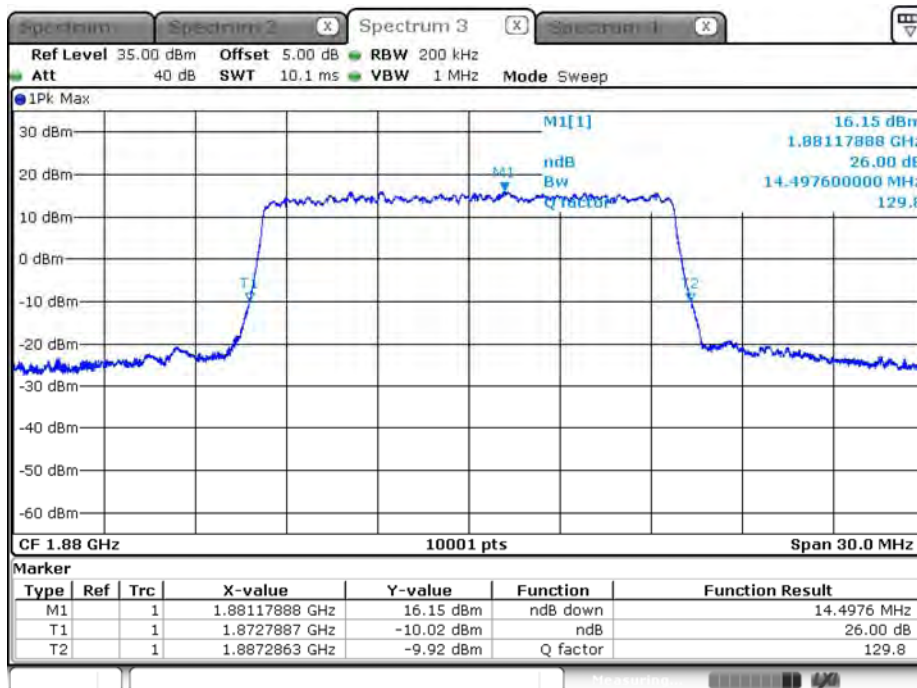
Date: 11.MAY.2018 14:22:48

### 99% BW\_CH18675\_15M\_QPSK



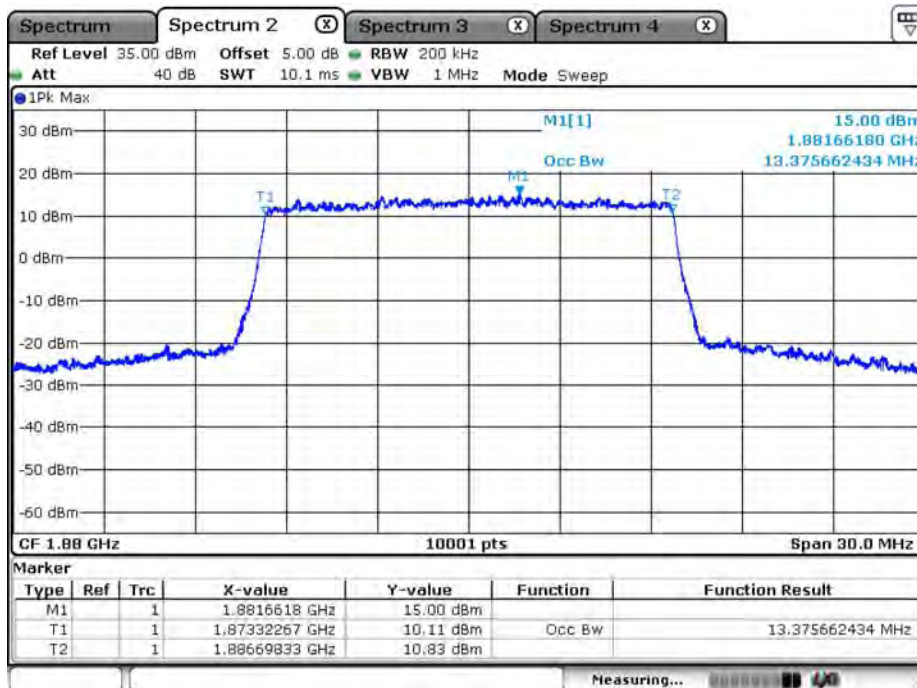
Date: 11.MAY.2018 14:11:07

### -26dB BW\_CH18900\_15M\_QPSK



Date: 11.MAY.2018 14:29:30

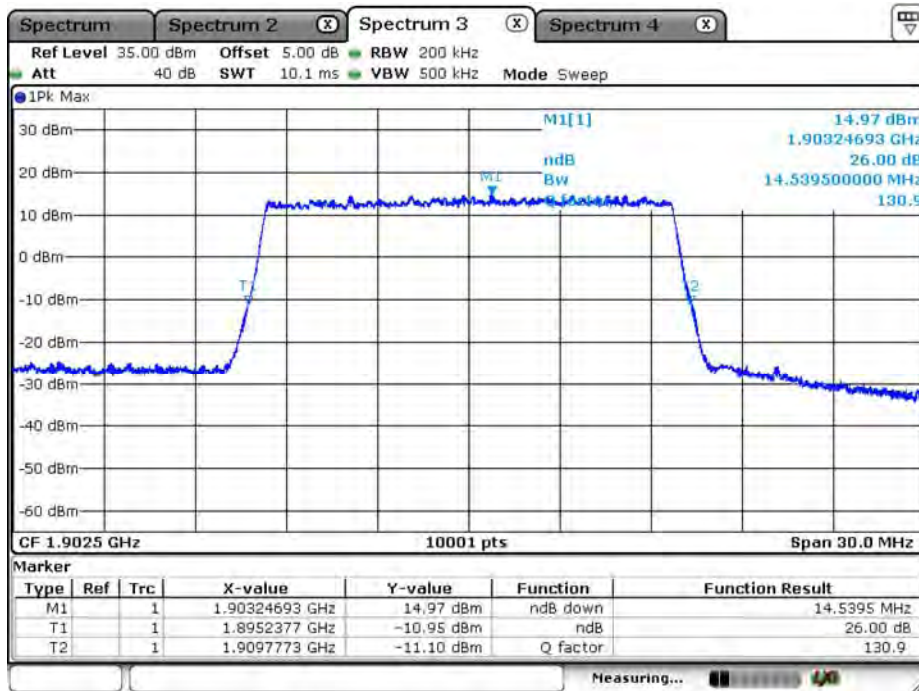
### 99% BW\_CH18900\_15M\_QPSK



Date: 22.MAY.2018 11:00:04

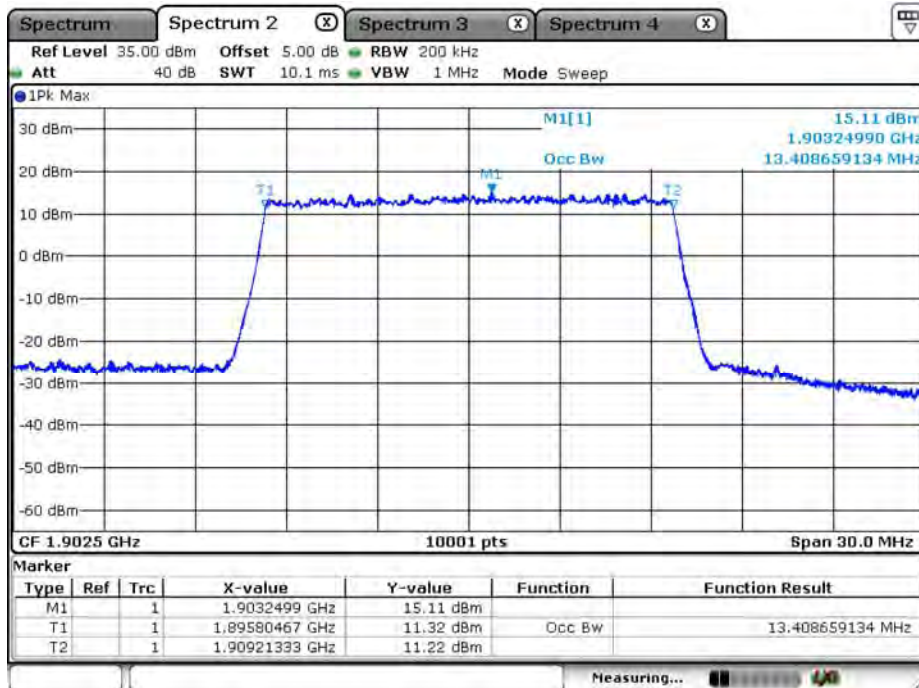


### -26dB BW\_CH19125\_15M\_QPSK



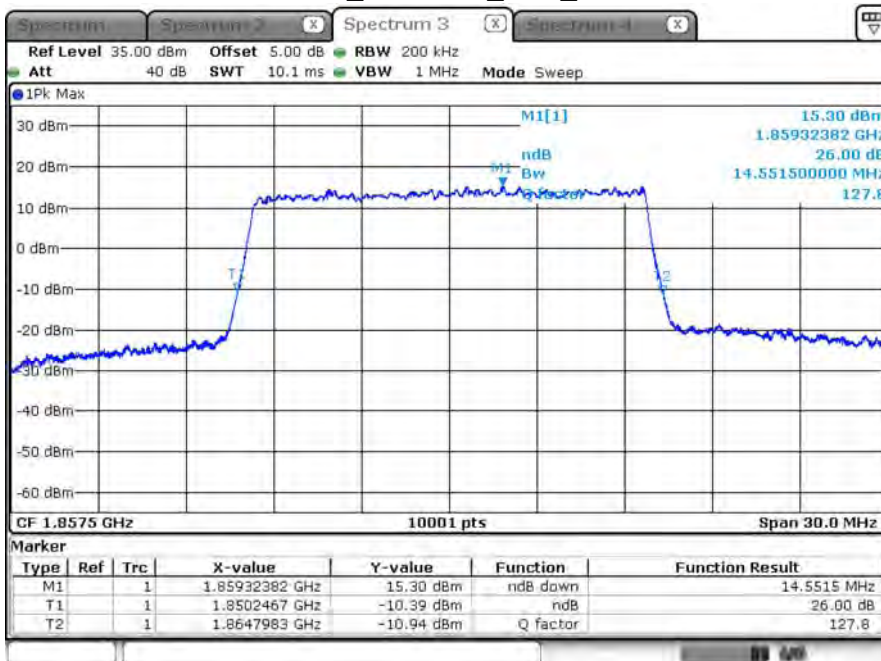
Date: 22.MAY.2018 11:05:53

### 99% BW\_CH19125\_15M\_QPSK



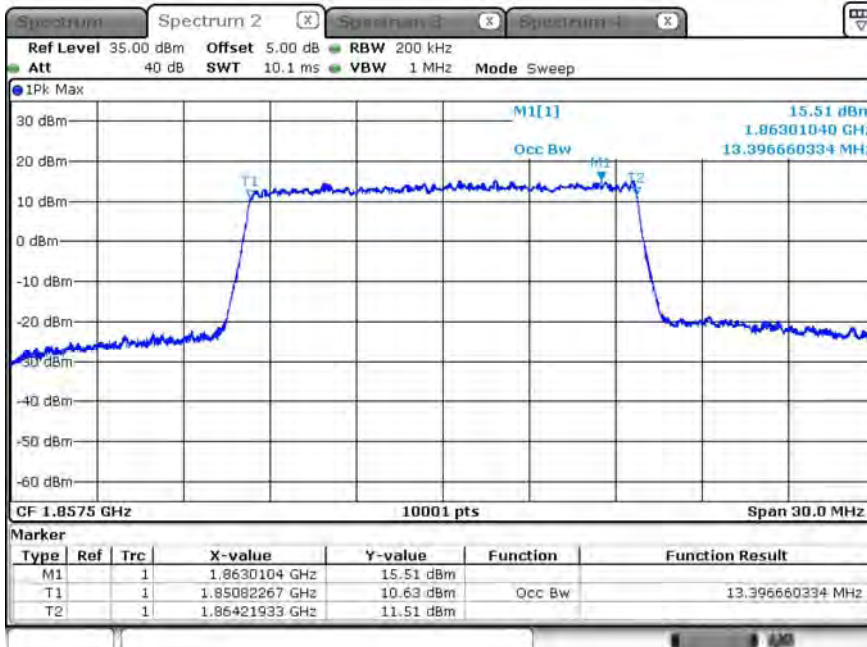
Date: 22.MAY.2018 11:03:35

### -26dB BW\_CH18675\_15M\_16-QAM



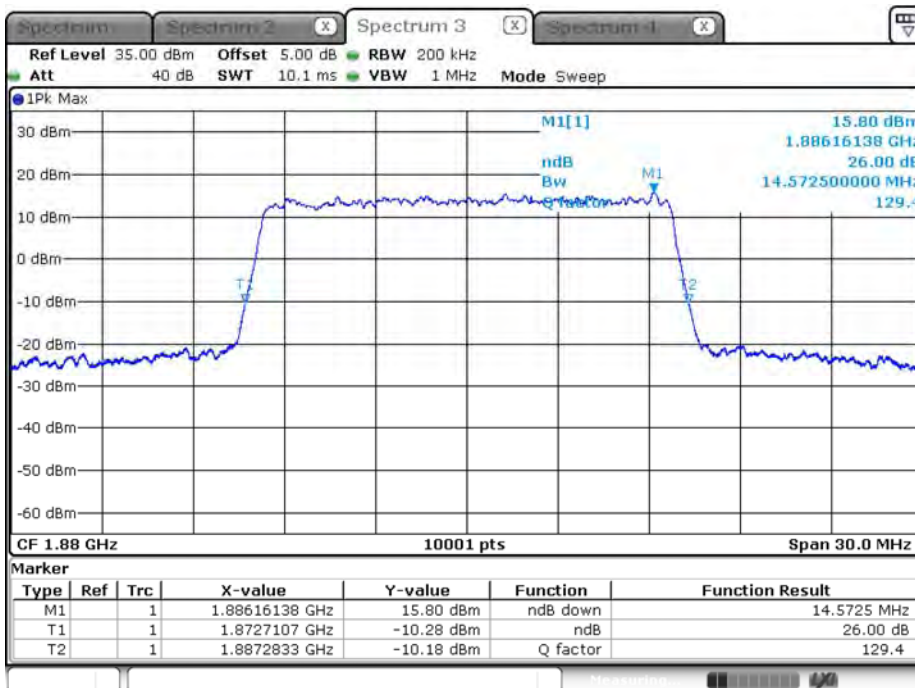
Date: 11.MAY.2018 14:20:21

### 99% BW\_CH18675\_15M\_16-QAM



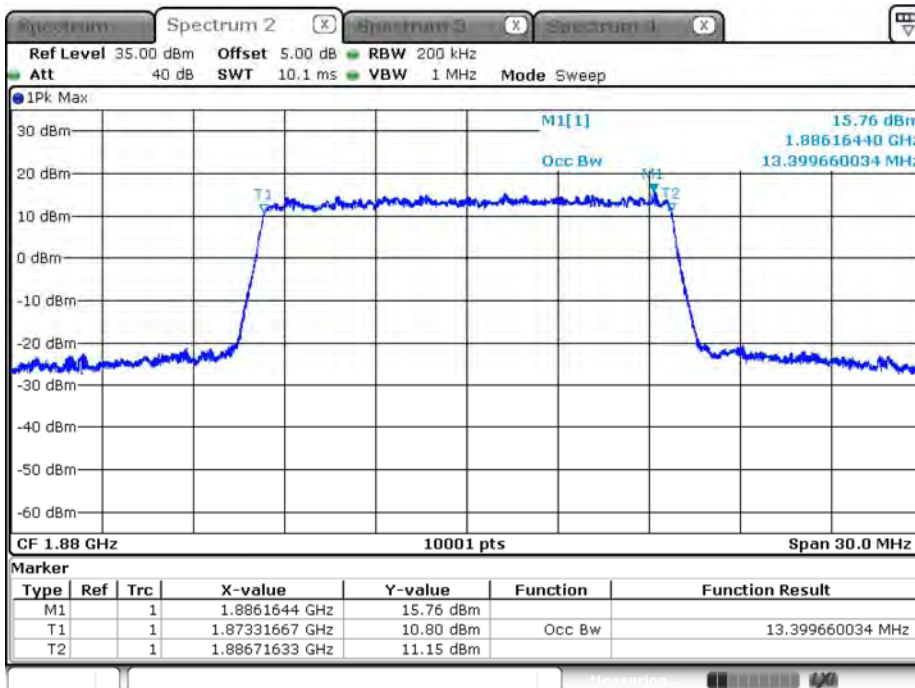
Date: 11.MAY.2018 14:15:12

### -26dB BW\_CH18900\_15M\_16-QAM



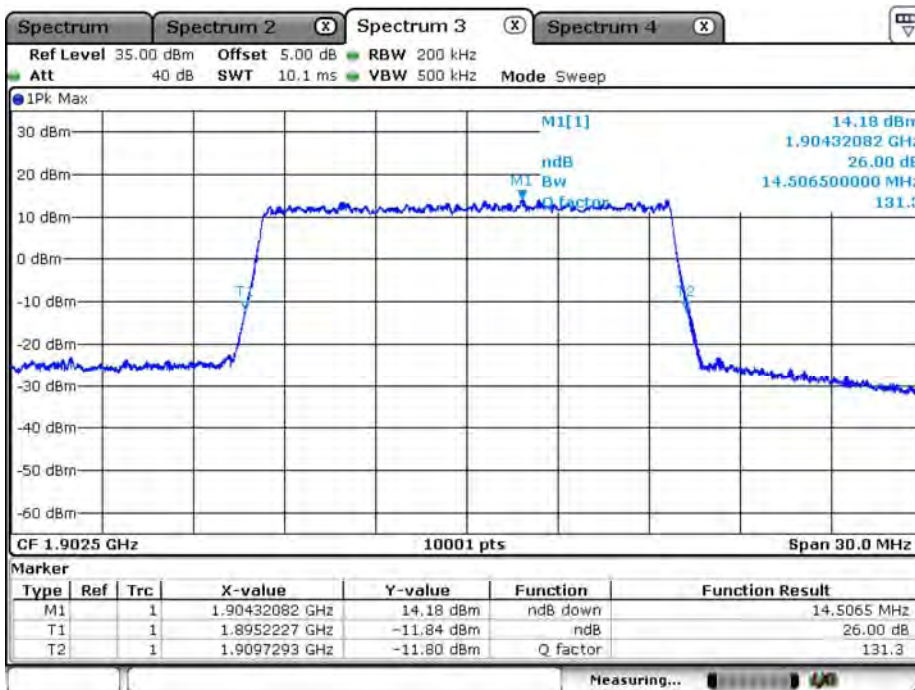
Date: 11.MAY.2018 14:52:53

### 99% BW\_CH18900\_15M\_16-QAM



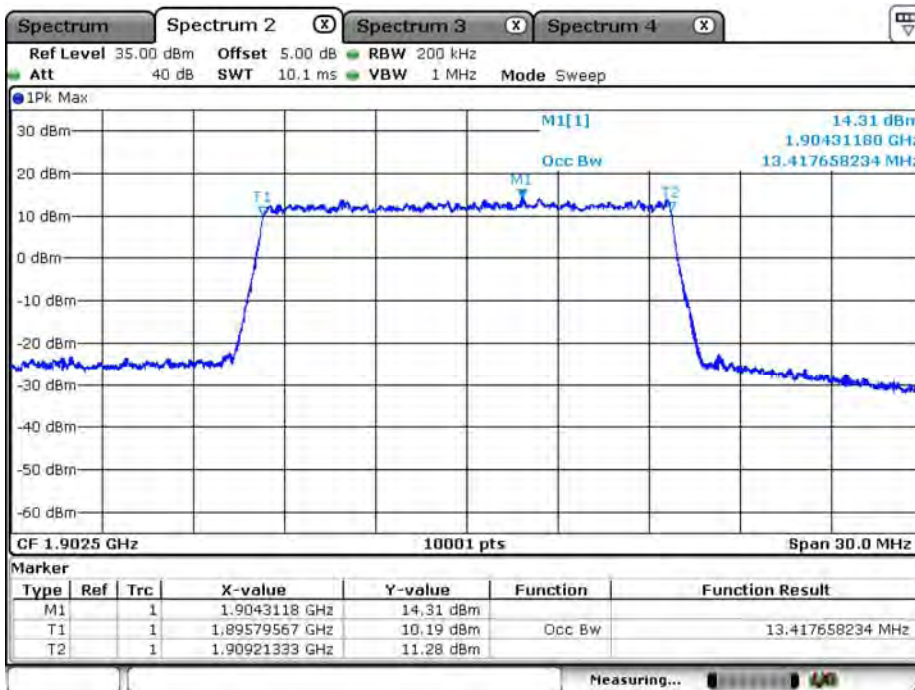
Date: 11.MAY.2018 14:55:06

### -26dB BW\_CH19125\_15M\_16-QAM



Date: 22.MAY.2018 11:08:52

### 99% BW\_CH19125\_15M\_16-QAM



Date: 22.MAY.2018 11:11:46

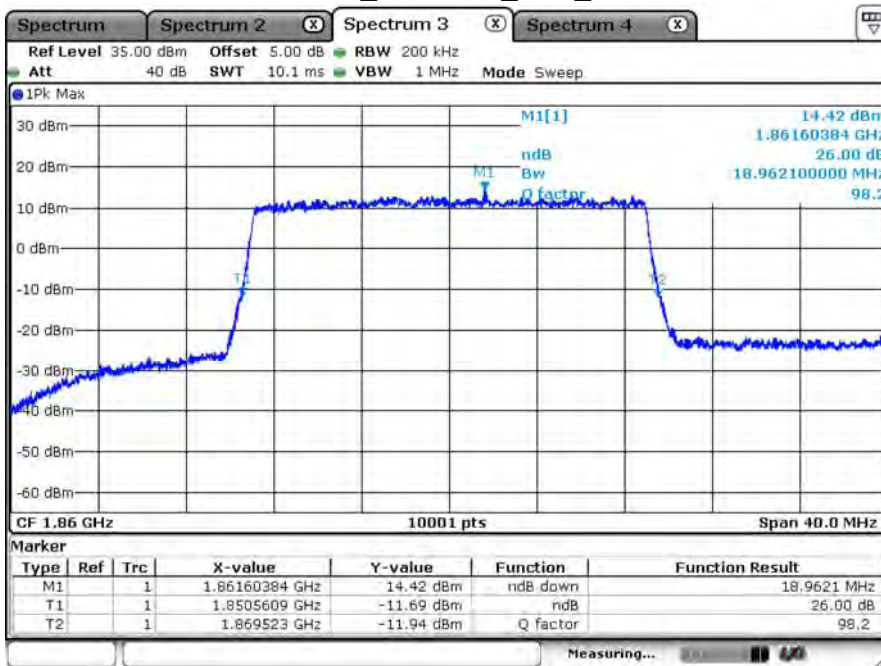


Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2018/05/11	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1860	18.963	17.827	N/A
1880	19.071	17.827	N/A
1900	19.103	17.855	N/A

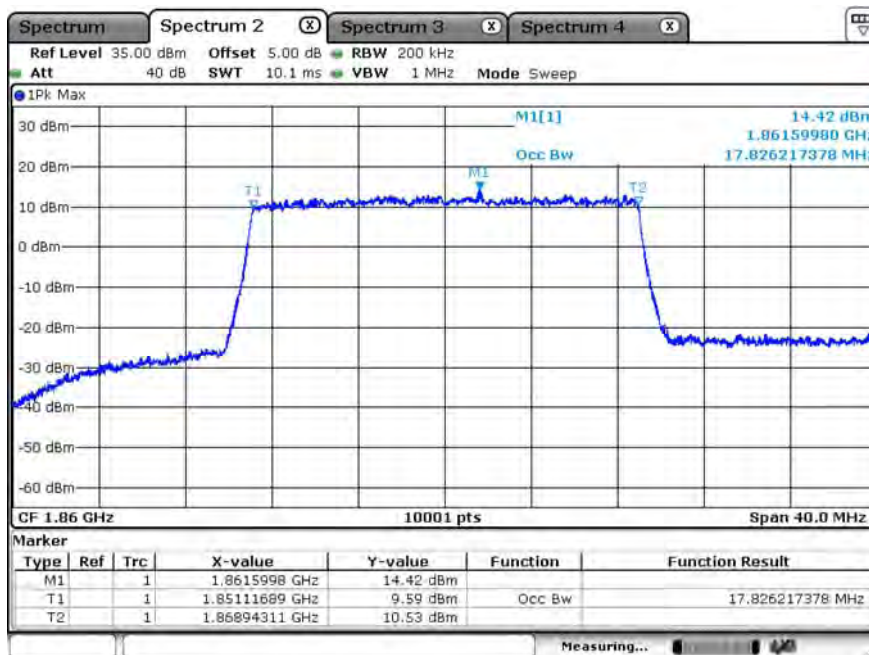
20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1860	19.031	17.827	N/A
1880	19.111	17.811	N/A
1900	19.087	17.847	N/A

### -26dB BW\_CH18700\_20M\_QPSK



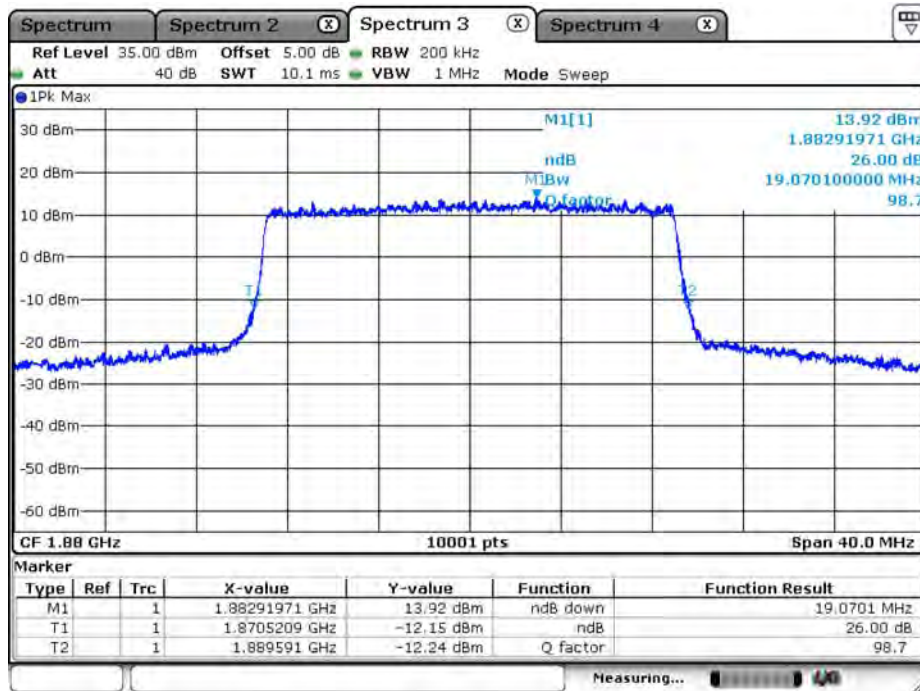
Date: 22.MAY.2018 11:17:25

### 99% BW\_CH18700\_20M\_QPSK



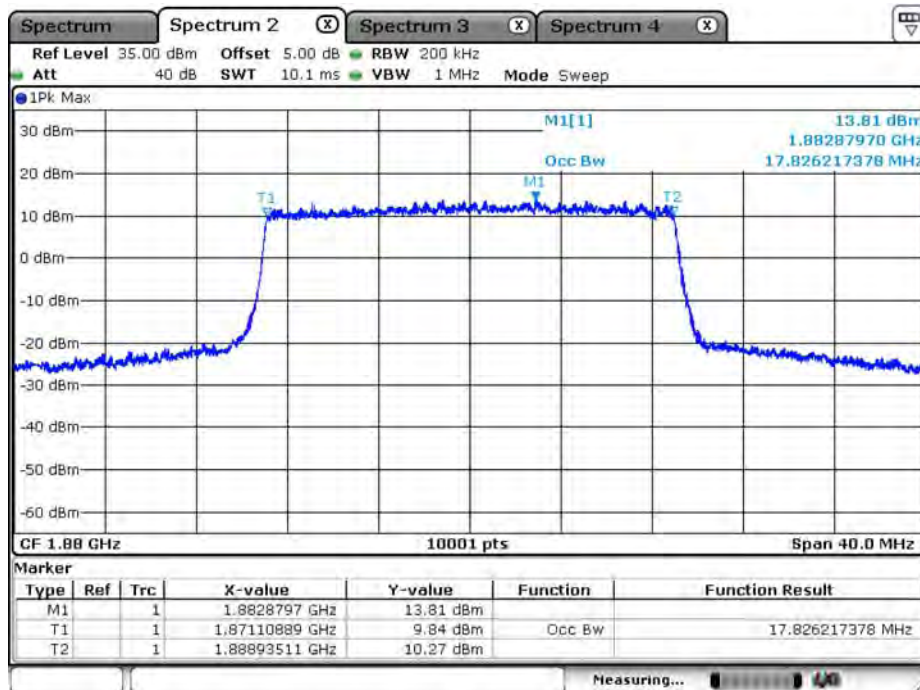
Date: 22.MAY.2018 11:15:47

### -26dB BW\_CH18900\_20M\_QPSK



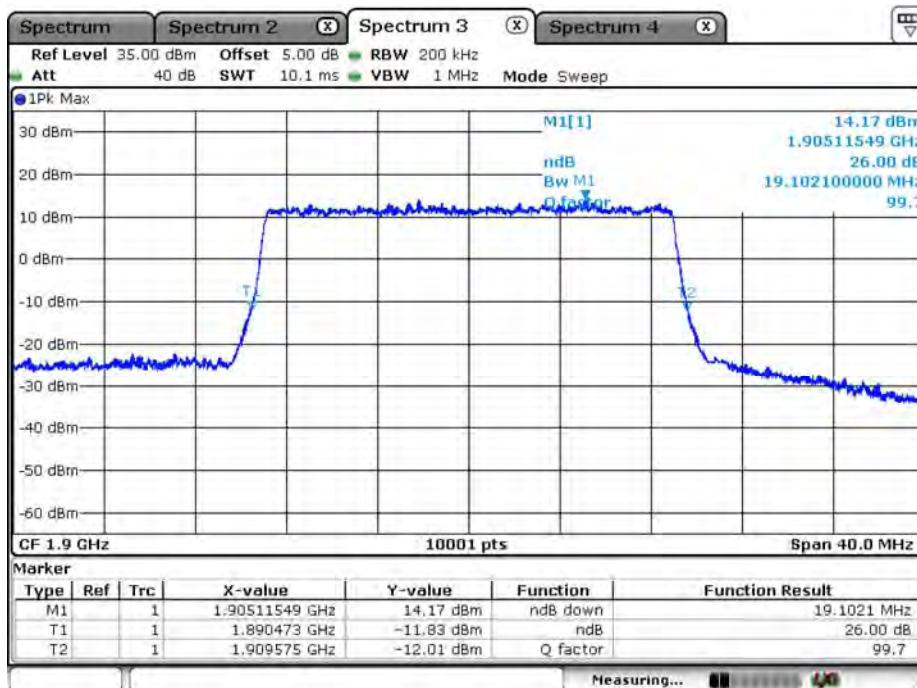
Date: 22.MAY.2018 11:27:51

### 99% BW\_CH18900\_20M\_QPSK



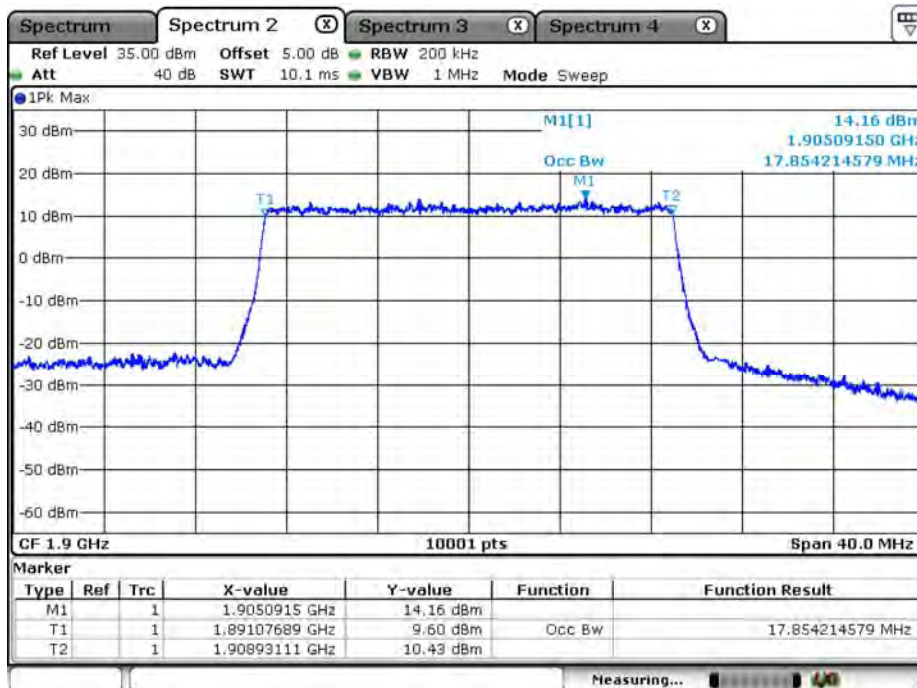
Date: 22.MAY.2018 11:29:23

### -26dB BW\_CH19100\_20M\_QPSK



Date: 22.MAY.2018 11:34:25

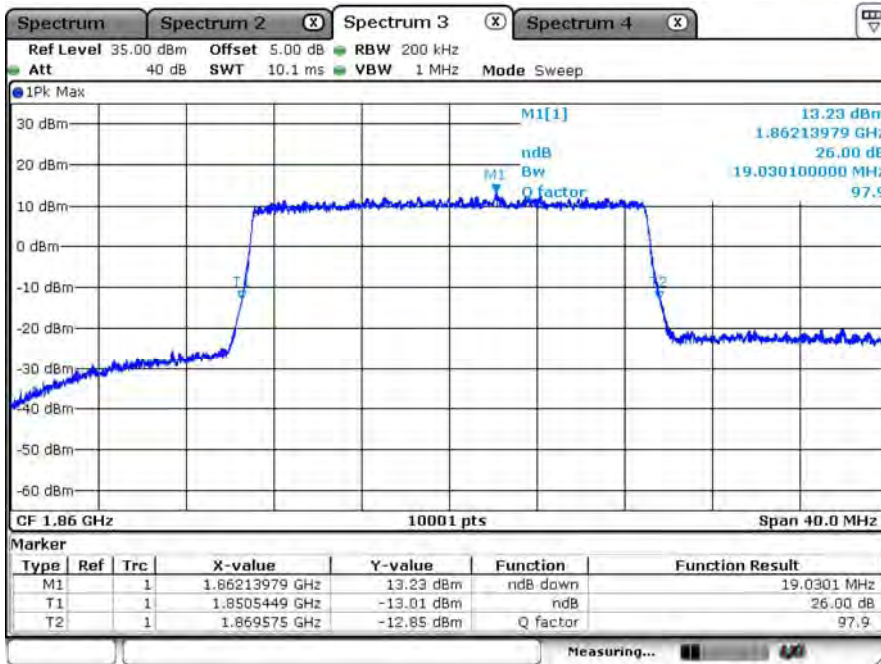
### 99% BW\_CH19100\_20M\_QPSK



Date: 22.MAY.2018 11:32:22

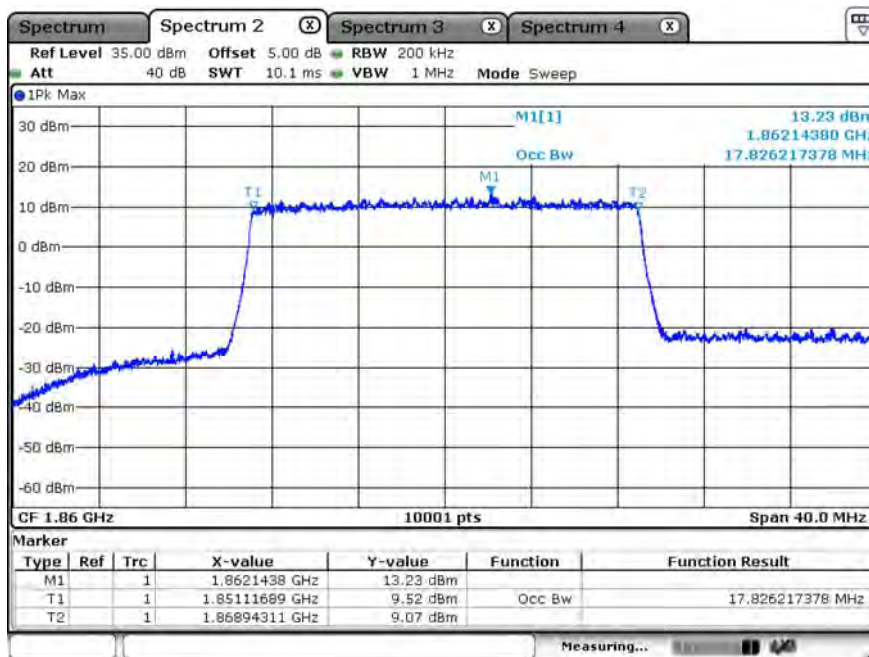


### -26dB BW\_CH18700\_20M\_16-QAM



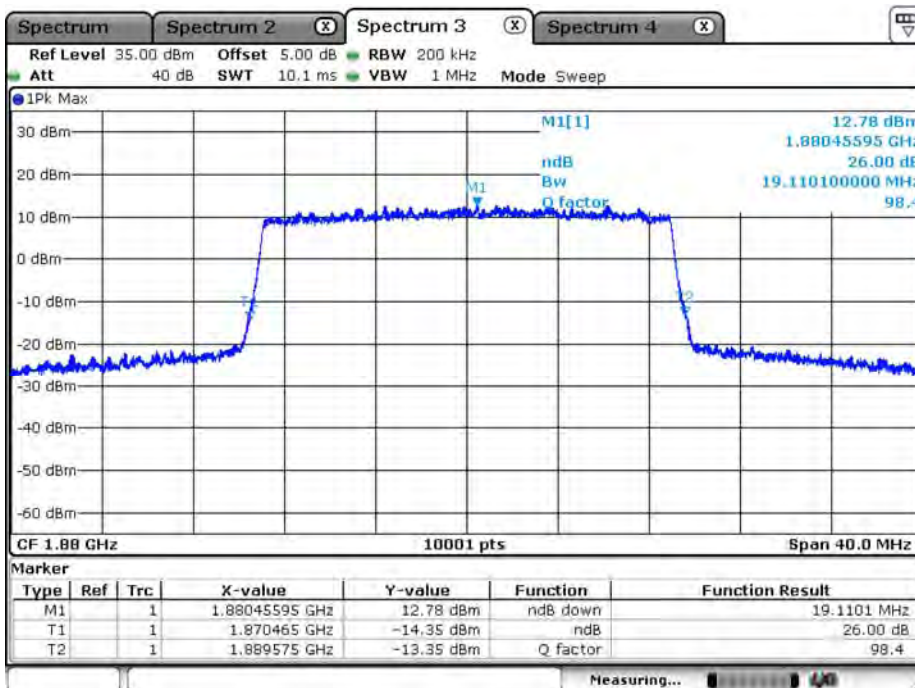
Date: 22.MAY.2018 11:19:39

### 99% BW\_CH18700\_20M\_16-QAM



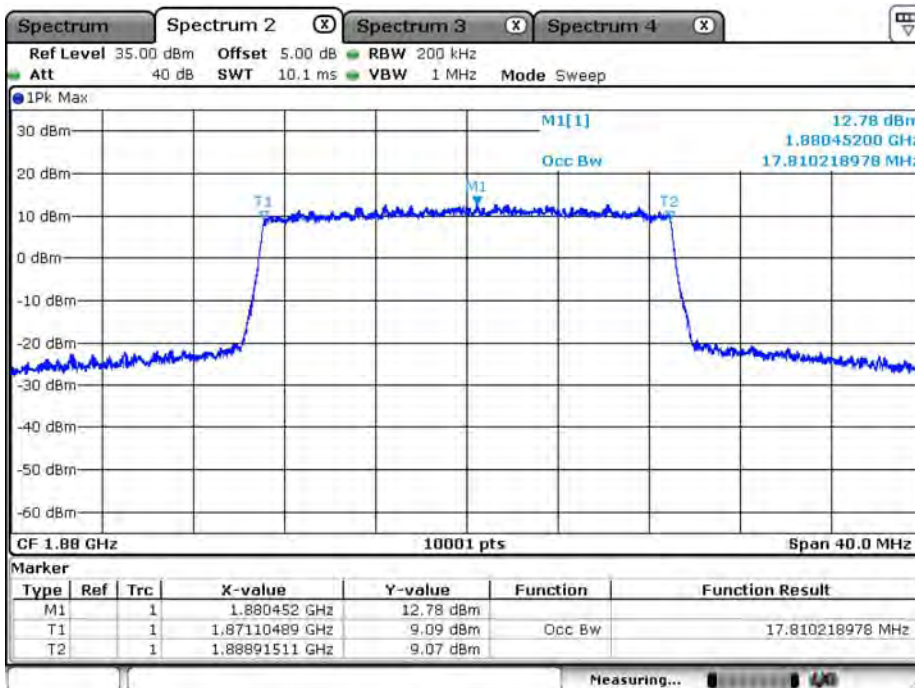
Date: 22.MAY.2018 11:21:59

### -26dB BW\_CH18900\_20M\_16-QAM



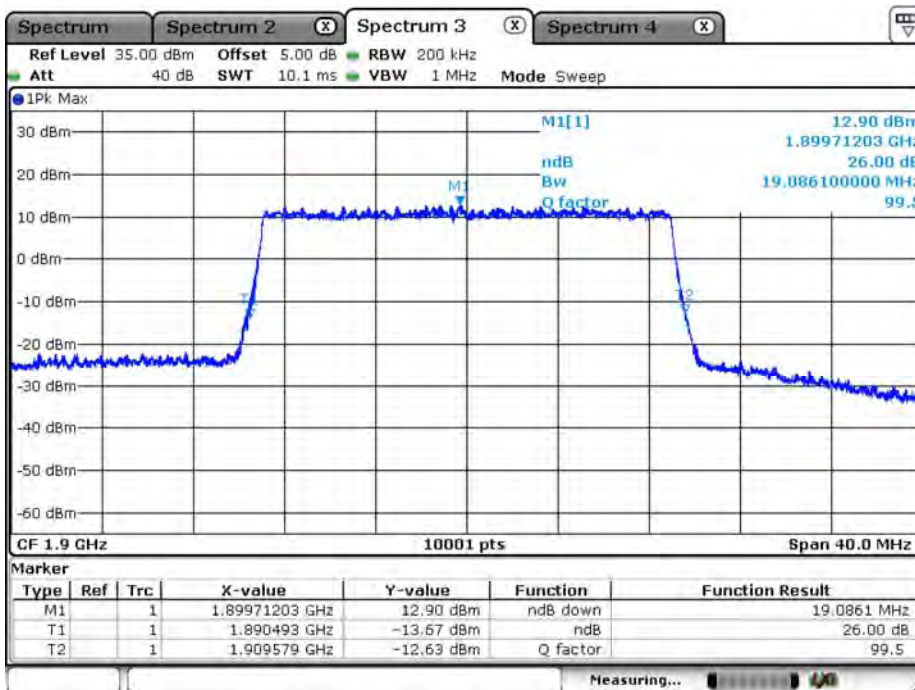
Date: 22.MAY.2018 11:26:10

### 99% BW\_CH18900\_20M\_16-QAM



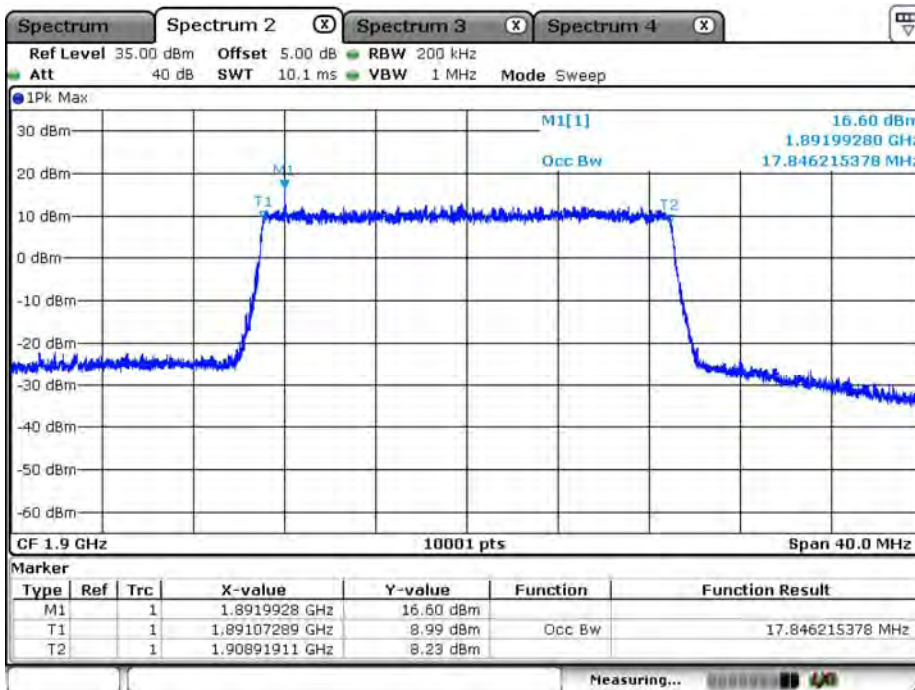
Date: 22.MAY.2018 11:24:40

### -26dB BW\_CH19100\_20M\_16-QAM



Date: 22.MAY.2018 11:36:04

### 99% BW\_CH19100\_20M\_16-QAM



Date: 22.MAY.2018 11:39:03

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/05/22	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1710.7	1.257	1.104	N/A
1732.5	1.235	1.087	N/A
1754.3	1.252	1.094	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1710.7	1.244	1.091	N/A
1732.5	1.245	1.091	N/A
1754.3	1.251	1.100	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/05/22	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1711.5	2.938	2.683	N/A
1732.5	2.933	2.683	N/A
1753.5	2.965	2.681	N/A

3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1711.5	2.927	2.679	N/A
1732.5	2.943	2.682	N/A
1753.5	2.933	2.684	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/05/22	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1712.5	4.900	4.491	N/A
1732.5	4.903	4.465	N/A
1752.5	4.858	4.479	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1712.5	4.927	4.480	N/A
1732.5	4.861	4.469	N/A
1753.5	4.833	4.463	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/05/22	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1715	9.573	8.950	N/A
1732.5	9.739	8.930	N/A
1750	9.687	8.942	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1715	9.661	8.960	N/A
1732.5	9.647	8.944	N/A
1750	9.647	8.916	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/05/22	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1717.5	14.450	13.430	N/A
1732.5	14.606	13.391	N/A
1747.5	14.453	13.397	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1717.5	14.534	13.418	N/A
1732.5	14.447	13.403	N/A
1747.5	14.555	13.409	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2018/05/11	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1720	19.147	17.855	N/A
1732.5	19.075	17.863	N/A
1745	19.087	17.807	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1720	19.039	17.847	N/A
1732.5	19.151	17.847	N/A
1745	19.007	17.819	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2018/05/22	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
824.7	1.238	1.092	N/A
836.5	1.238	1.085	N/A
848.3	1.243	1.101	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
824.7	1.241	1.093	N/A
836.5	1.240	1.091	N/A
848.3	1.242	1.083	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2018/05/22	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
825.5	2.922	2.688	N/A
836.5	2.949	2.684	N/A
847.5	2.923	2.682	N/A

3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
825.5	2.939	2.687	N/A
836.5	2.941	2.679	N/A
847.5	2.949	2.681	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2018/05/22	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
826.5	4.869	4.465	N/A
836.5	4.872	4.492	N/A
846.5	4.856	4.478	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
826.5	4.850	4.463	N/A
836.5	4.882	4.476	N/A
846.5	4.830	4.463	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2018/05/22	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
829	9.649	8.931	N/A
836.5	9.581	8.935	N/A
844	9.543	8.935	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
829	9.569	8.937	N/A
836.5	9.587	8.919	N/A
844	9.563	8.919	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4: LTE Band 7		
Date of Test	2018/05/18	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2502.5	4.842	4.464	N/A
2535.0	4.883	4.467	N/A
2567.5	4.842	4.478	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2502.5	4.845	4.468	N/A
2535.0	4.852	4.471	N/A
2567.5	4.788	4.465	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4: LTE Band 7		
Date of Test	2018/05/18	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2505	9.501	8.937	N/A
2535	9.613	8.935	N/A
2565	9.517	8.933	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2505	9.607	8.947	N/A
2535	9.575	8.933	N/A
2565	9.437	8.917	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4: LTE Band 7		
Date of Test	2018/05/23	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2507.5	14.374	13.408	N/A
2535	14.440	13.420	N/A
2562.5	14.464	13.399	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2507.5	14.467	13.420	N/A
2535	14.383	13.411	N/A
2562.5	14.434	13.402	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4: LTE Band 7		
Date of Test	2018/05/23	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2510	19.114	17.850	N/A
2535	19.054	17.858	N/A
2560	19.034	17.818	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2510	19.058	17.826	N/A
2535	19.074	17.850	N/A
2560	19.114	17.818	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 5: LTE Band 12		
Date of Test	2018/05/15	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
699.7	1.238	1.093	N/A
707.5	1.244	1.092	N/A
715.3	1.246	1.101	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
699.7	1.244	1.090	N/A
707.5	1.242	1.087	N/A
715.3	1.251	1.102	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 5: LTE Band 12		
Date of Test	2018/05/15	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
700.5	2.925	2.683	N/A
707.5	2.921	2.686	N/A
714.5	2.912	2.690	N/A

3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
700.5	2.911	2.684	N/A
707.5	2.925	2.685	N/A
714.5	2.937	2.689	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 5: LTE Band 12		
Date of Test	2018/05/15	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
710.5	4.871	4.472	N/A
707.5	4.877	4.479	N/A
713.5	4.858	4.464	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
710.5	4.865	4.479	N/A
707.5	4.890	4.470	N/A
713.5	4.852	4.467	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 5: LTE Band 12		
Date of Test	2018/05/15	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
704	9.545	8.943	N/A
707.5	9.575	8.937	N/A
711	9.521	8.919	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
704	9.703	8.955	N/A
707.5	9.565	8.925	N/A
711	9.541	8.935	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 6: LTE Band 13		
Date of Test	2018/05/22	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
779.5	4.908	4.467	N/A
782	4.848	4.460	N/A
784.5	4.895	4.480	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
779.5	4.901	4.467	N/A
782	4.892	4.477	N/A
784.5	4.846	4.477	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 6: LTE Band 13		
Date of Test	2018/05/11	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
782	9.653	8.915	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
782	9.547	8.935	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 7: LTE Band 14		
Date of Test	2018/05/21	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
790.5	4.799	4.457	N/A
793	4.840	4.460	N/A
795	4.831	4.476	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
790.5	4.830	4.465	N/A
793	4.822	4.460	N/A
795	4.788	4.461	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 7: LTE Band 14		
Date of Test	2018/05/21	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
793	9.490	8.931	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
793	9.360	8.929	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 8: LTE Band 17		
Date of Test	2018/05/22	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
706.5	4.867	4.466	N/A
710	4.898	4.465	N/A
713.5	4.866	4.478	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
706.5	4.872	4.482	N/A
710	4.878	4.467	N/A
713.5	4.804	4.460	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 8: LTE Band 17		
Date of Test	2018/05/22	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
709	9.565	8.926	N/A
710	9.565	8.924	N/A
711	9.589	8.930	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
709	9.549	8.942	N/A
710	9.613	8.908	N/A
711	9.653	8.942	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 9: LTE Band 18		
Date of Test	2018/05/21	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
817.5	4.848	4.463	N/A
822.5	4.827	4.454	N/A
827.5	4.787	4.468	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
817.5	4.813	4.467	N/A
822.5	4.747	4.464	N/A
827.5	4.798	4.459	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 9: LTE Band 18		
Date of Test	2018/05/21	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
820	9.481	8.898	N/A
822.5	9.387	8.901	N/A
825	9.429	8.920	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
820	9.379	8.903	N/A
822.5	9.347	8.899	N/A
825	9.356	8.922	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 9: LTE Band 18		
Date of Test	2018/05/21	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
822.5	14.210	13.359	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
822.5	13.950	13.356	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 10: LTE Band 19		
Date of Test	2018/05/21	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
832.5	4.844	4.459	N/A
837.5	4.825	4.458	N/A
842.5	4.786	4.462	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
832.5	4.830	4.464	N/A
837.5	4.786	4.457	N/A
842.5	4.718	4.457	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 10: LTE Band 19		
Date of Test	2018/05/21	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
835	9.399	8.905	N/A
837.5	9.424	8.909	N/A
840	9.497	8.908	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
835	9.381	8.912	N/A
837.5	9.369	8.904	N/A
840	9.417	8.908	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 10: LTE Band 19		
Date of Test	2018/05/21	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
837.5	14.020	13.373	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
837.5	13.900	13.357	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/05/22	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1850.7	1.243	1.104	N/A
1882.5	1.245	1.088	N/A
1914.3	1.247	1.095	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1850.7	1.240	1.091	N/A
1882.5	1.242	1.093	N/A
1914.3	1.243	1.102	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/05/22	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1851.5	2.961	2.678	N/A
1882.5	2.938	2.686	N/A
1913.5	2.920	2.683	N/A

3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1851.5	2.953	2.684	N/A
1882.5	2.940	2.680	N/A
1913.5	2.944	2.683	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/05/22	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1852.5	4.898	4.479	N/A
1882.5	4.907	4.467	N/A
1912.5	4.865	4.479	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1852.5	4.880	4.477	N/A
1882.5	4.892	4.472	N/A
1912.5	4.823	4.463	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/05/22	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1855	9.547	8.940	N/A
1882.5	9.591	8.932	N/A
1910	9.615	8.938	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1855	9.591	8.952	N/A
1882.5	9.597	8.944	N/A
1910	9.519	8.920	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/05/23	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1857.5	14.444	13.409	N/A
1882.5	14.450	13.400	N/A
1907.5	14.378	13.391	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1857.5	14.474	13.412	N/A
1882.5	14.399	13.412	N/A
1907.5	14.426	13.391	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 11: LTE Band 25		
Date of Test	2018/05/22	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1860	18.941	17.840	N/A
1882.5	19.073	17.858	N/A
1905	18.977	17.771	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1860	19.037	17.849	N/A
1882.5	19.061	17.837	N/A
1905	18.899	17.795	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/05/21	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
814.7	1.240	1.091	N/A
831.5	1.249	1.103	N/A
848.3	1.238	1.086	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
814.7	1.251	1.098	N/A
831.5	1.236	1.089	N/A
848.3	1.242	1.093	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/05/21	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
815.5	2.929	2.685	N/A
831.5	2.932	2.682	N/A
847.5	2.936	2.682	N/A

3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
815.5	2.953	2.683	N/A
831.5	2.941	2.680	N/A
847.5	2.941	2.680	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/05/21	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
816.5	4.831	4.472	N/A
831.5	4.826	4.451	N/A
846.5	4.789	4.469	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
816.5	4.814	4.466	N/A
831.5	4.816	4.457	N/A
846.5	4.732	4.457	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/05/21	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
817	9.403	8.898	N/A
831.5	9.367	8.916	N/A
844	9.494	8.899	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
817	9.355	8.892	N/A
831.5	9.360	8.914	N/A
844	9.386	8.912	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 12: LTE Band 26		
Date of Test	2018/05/22	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
821.5	13.920	13.349	N/A
831.5	13.870	13.344	N/A
841.5	14.160	13.363	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
821.5	13.960	13.349	N/A
831.5	13.990	13.372	N/A
841.5	13.960	13.355	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 13: LTE Band 30		
Date of Test	2018/05/22	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2307.5	4.874	4.472	N/A
2310	4.834	4.456	N/A
2312.5	4.815	4.471	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2307.5	4.837	4.465	N/A
2310	4.785	4.459	N/A
2312.5	4.769	4.461	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 13: LTE Band 30		
Date of Test	2018/05/22	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2310	9.413	8.908	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2310	9.383	8.916	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/05/15	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2572.5	4.845	4.473	N/A
2595	4.964	4.470	N/A
2617.5	4.829	4.458	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2572.5	4.827	4.462	N/A
2595	4.816	4.448	N/A
2617.5	4.835	4.455	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/05/18	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2575	9.473	8.947	N/A
2595	9.515	8.929	N/A
2615	9.485	8.933	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2575	9.483	8.927	N/A
2595	9.451	8.921	N/A
2615	9.325	8.925	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/05/22	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2577.5	14.287	13.444	N/A
2595	14.329	13.432	N/A
2612.5	14.332	13.417	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2577.5	14.260	13.432	N/A
2595	14.365	13.426	N/A
2612.5	14.296	13.426	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 14: LTE Band 38		
Date of Test	2018/05/22	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2580	19.050	17.862	N/A
2595	18.822	17.862	N/A
2612	18.910	17.854	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2580	19.046	17.874	N/A
2595	18.974	17.866	N/A
2612	18.842	17.850	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/05/18	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2498.5	4.881	4.478	N/A
2593	4.877	4.455	N/A
2687.5	4.804	4.475	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2498.5	4.803	4.457	N/A
2593	4.822	4.454	N/A
2687.5	4.824	4.461	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/05/18	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2501	9.459	8.921	N/A
2593	9.525	8.943	N/A
2685	9.475	8.933	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2501	9.537	8.921	N/A
2593	9.533	8.927	N/A
2685	9.535	8.927	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/05/18	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2503.5	14.029	13.402	N/A
2593	14.224	13.417	N/A
2682.5	14.323	13.405	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2503.5	14.449	13.396	N/A
2593	14.437	13.417	N/A
2682.5	14.242	13.402	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 2)		
Date of Test	2018/05/18	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2506	18.774	17.810	N/A
2593	18.822	17.846	N/A
2680	18.806	17.794	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2506	18.814	17.826	N/A
2593	18.750	17.834	N/A
2680	18.826	17.802	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
Date of Test	2018/07/03	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2498.5	4.821	4.462	N/A
2593	4.798	4.462	N/A
2687.5	4.833	4.462	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2498.5	4.827	4.461	N/A
2593	4.840	4.459	N/A
2687.5	4.837	4.460	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
Date of Test	2018/07/03	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2501	9.537	8.933	N/A
2593	9.551	8.933	N/A
2685	9.575	8.935	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2501	9.541	8.907	N/A
2593	9.499	8.909	N/A
2685	9.611	8.920	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
Date of Test	2018/07/03	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2503.5	14.413	13.378	N/A
2593	14.461	13.399	N/A
2682.5	14.572	13.471	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2503.5	14.404	13.390	N/A
2593	14.464	13.411	N/A
2682.5	14.923	13.456	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 15: LTE Band 41 (Class 3)		
Date of Test	2018/07/03	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2506	19.050	17.858	N/A
2593	18.938	17.858	N/A
2680	18.914	17.810	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
2506	18.962	17.822	N/A
2593	18.906	17.846	N/A
2680	18.858	17.790	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 16: LTE Band 66		
Date of Test	2018/05/03	Test Site	SR10-H

1.4M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1710.7	1.239	1.101	N/A
1745	1.243	1.091	N/A
1779.3	1.253	1.092	N/A

1.4M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1710.7	1.243	1.093	N/A
1745	1.251	1.094	N/A
1779.3	1.232	1.092	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 16: LTE Band 66		
Date of Test	2018/05/03	Test Site	SR10-H

3M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1711.5	2.933	2.688	N/A
1745	2.934	2.687	N/A
1778.5	2.936	2.686	N/A

3M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1711.5	2.946	2.681	N/A
1745	2.958	2.682	N/A
1778.5	2.947	2.684	N/A



Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 16: LTE Band 66		
Date of Test	2018/05/03	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1712.5	4.893	4.481	N/A
1745	4.886	4.479	N/A
1777.5	4.904	4.463	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1712.5	4.829	4.466	N/A
1745	4.889	4.477	N/A
1777.5	4.846	4.473	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 16: LTE Band 66		
Date of Test	2018/05/04	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1715	9.682	8.940	N/A
1745	9.653	8.924	N/A
1775	9.701	8.936	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1715	9.577	8.932	N/A
1745	9.609	8.932	N/A
1775	9.653	8.936	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 16: LTE Band 66		
Date of Test	2018/05/04	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1717.5	14.564	13.427	N/A
1745	14.522	13.379	N/A
1772.5	14.648	13.406	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1717.5	14.519	13.409	N/A
1745	14.549	13.412	N/A
1772.5	14.474	13.433	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 16: LTE Band 66		
Date of Test	2018/05/04	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1720	19.001	17.843	N/A
1745	19.091	17.816	N/A
1770	19.190	17.870	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
1717.5	19.181	17.864	N/A
1745	19.271	17.846	N/A
1772.5	19.253	17.855	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/05/24	Test Site	SR10-H

5M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
665.5	4.828	4.4633	N/A
680.5	4.783	4.4645	N/A
690.5	4.808	4.4691	N/A

5M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
665.5	4.756	4.4528	N/A
680.5	4.803	4.4639	N/A
690.5	4.788	4.4518	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/05/24	Test Site	SR10-H

10M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
668	9.444	8.9065	N/A
680.5	9.441	8.9253	N/A
693	9.379	8.8983	N/A

10M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
668	9.367	8.8984	N/A
680.5	9.402	8.9076	N/A
693	9.340	8.9035	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/05/24	Test Site	SR10-H

15M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
670.5	14.36	13.390	N/A
680.5	13.97	13.336	N/A
690.5	14.07	13.366	N/A

15M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
670.5	14.21	13.374	N/A
680.5	13.80	13.333	N/A
690.5	13.83	13.354	N/A

Product	LM960		
Test Item	Occupied Bandwidth		
Test Mode	Mode 17: LTE Band 71		
Date of Test	2018/05/24	Test Site	SR10-H

20M_QPSK			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
673	18.36	17.822	N/A
680.5	18.72	17.788	N/A
688	18.81	17.835	N/A

20M_16-QAM			
Frequency (MHz)	-26dB BW Measure Level (MHz)	99% BW Measure Level (MHz)	Limit (MHz)
673	18.52	17.818	N/A
680.5	18.36	17.806	N/A
688	18.49	17.863	N/A