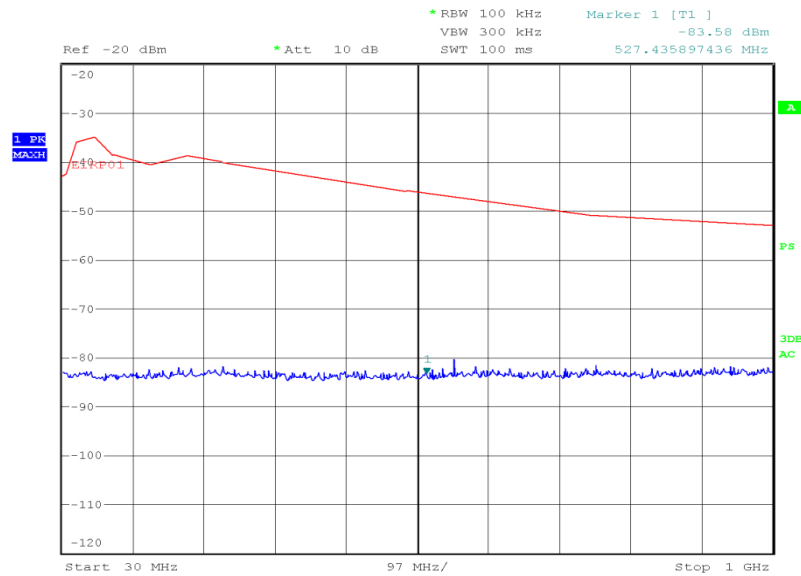




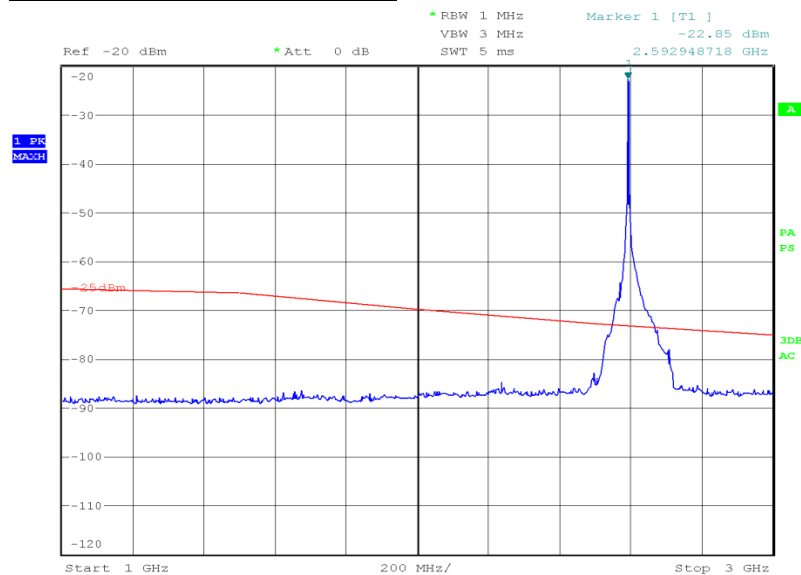
Product Service

LTE TDD 41, 2593.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Mid, 30 MHz to 1 GHz, Emisison Limitations Plot



Date: 1.MAY.2015 05:53:43

LTE TDD 41, 2593.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Mid, 1 GHz to 3 GHz, Emisison Limitations Plot

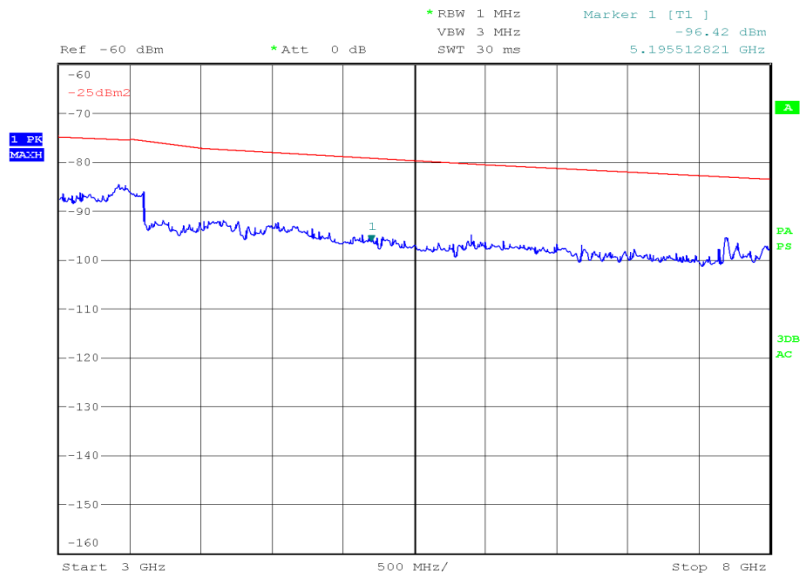


Date: 21.MAY.2015 20:57:29



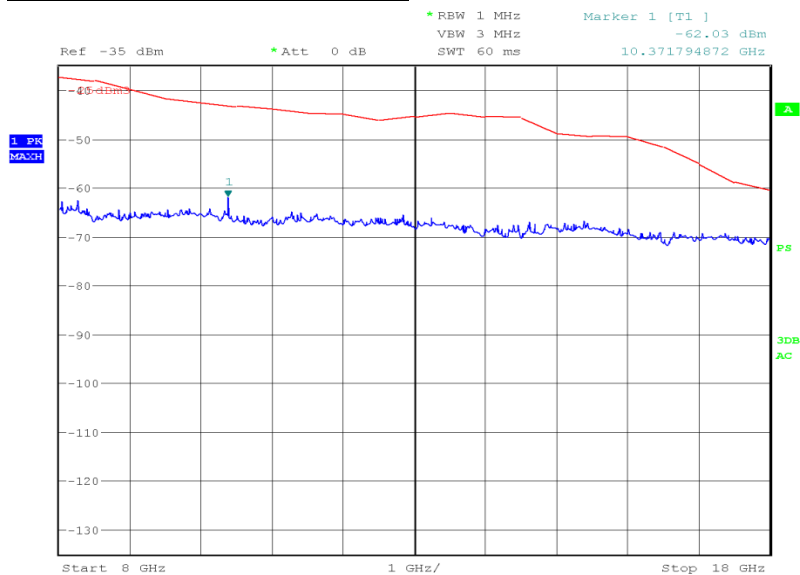
Product Service

LTE TDD 41, 2593.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Mid, 3 GHz to 8 GHz, Emisison Limitations Plot



Date: 21.MAY.2015 21:55:42

LTE TDD 41, 2593.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Mid, 8 GHz to 18 GHz, Emisison Limitations Plot

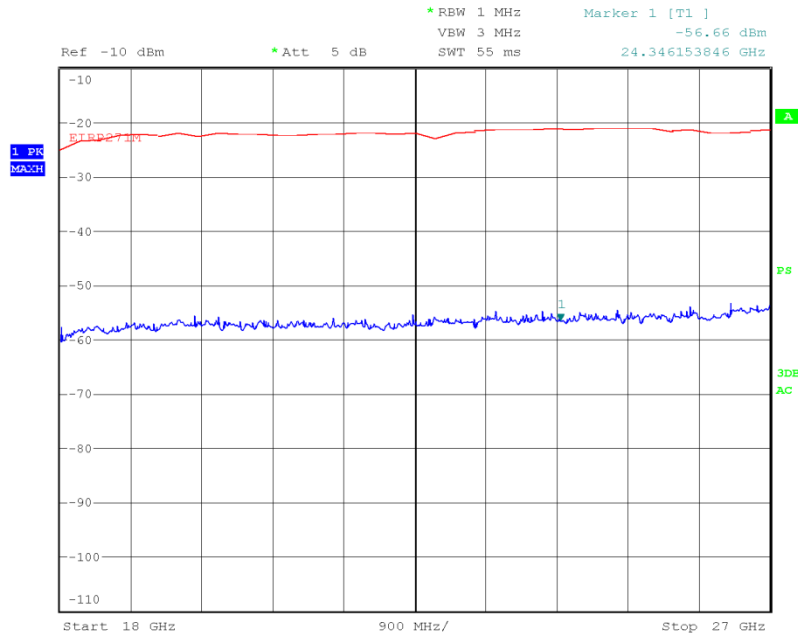


Date: 22.MAY.2015 01:15:14



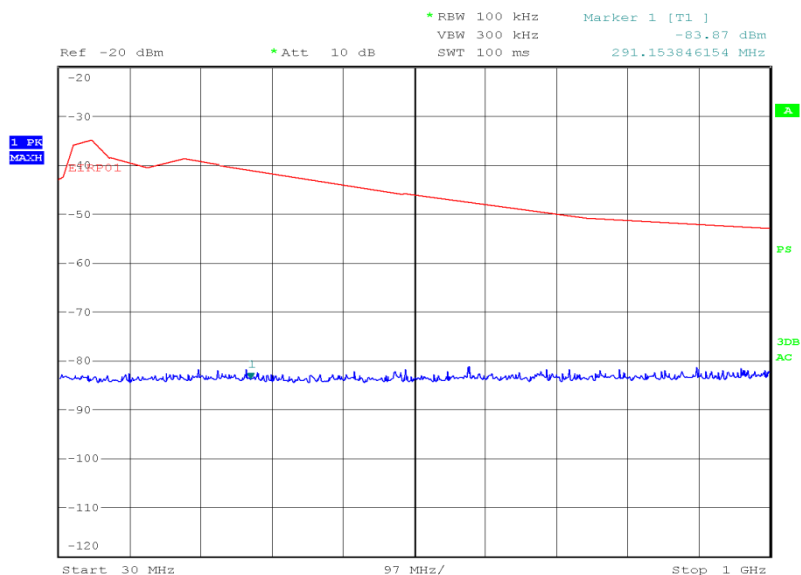
Product Service

LTE TDD 41, 2593.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Mid, 18 GHz to 27 GHz, Emisison Limitations Plot



Date: 17.MAY.2015 03:48:36

LTE TDD 41, 2680.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Low, 30 MHz to 1 GHz, Emisison Limitations Plot



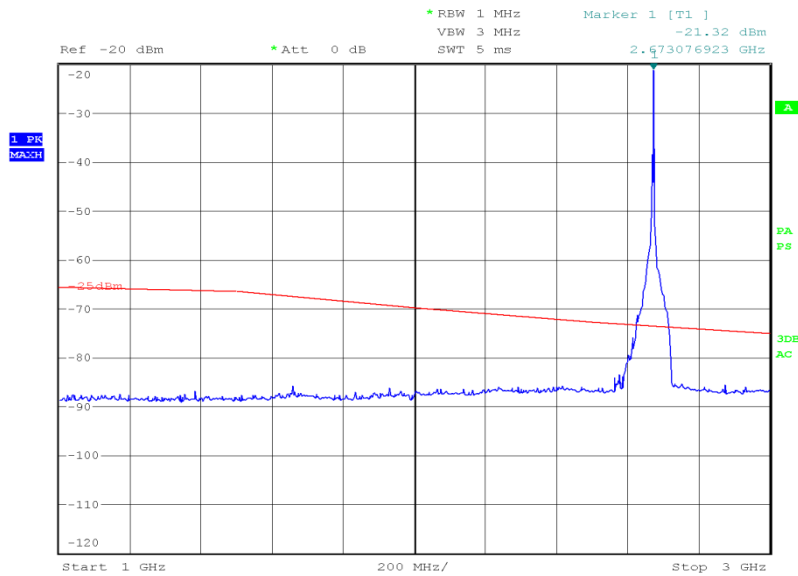
Date: 1.MAY.2015 05:56:43

The limit line on the above plot is -25 dBm.



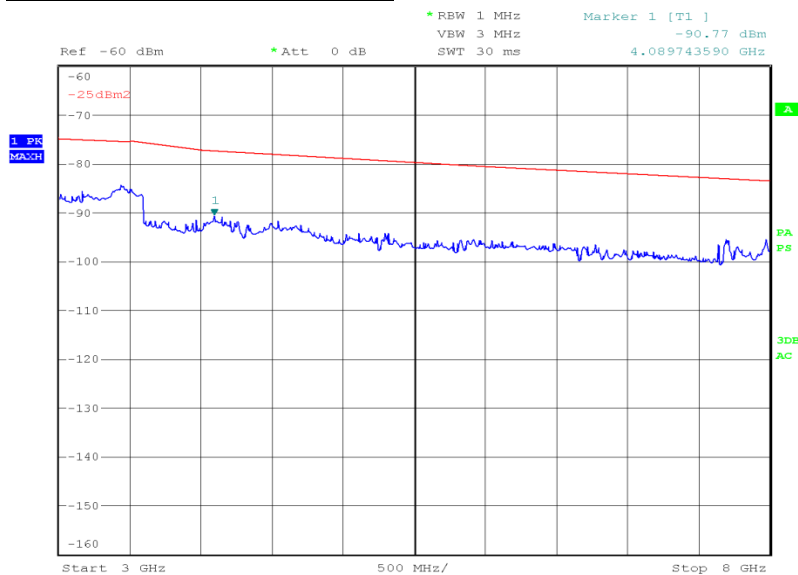
Product Service

LTE TDD 41, 2680.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Low, 1 GHz to 3 GHz, Emisison Limitations Plot



Date: 21.MAY.2015 21:25:49

LTE TDD 41, 2680.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Low, 3 GHz to 8 GHz, Emisison Limitations Plot

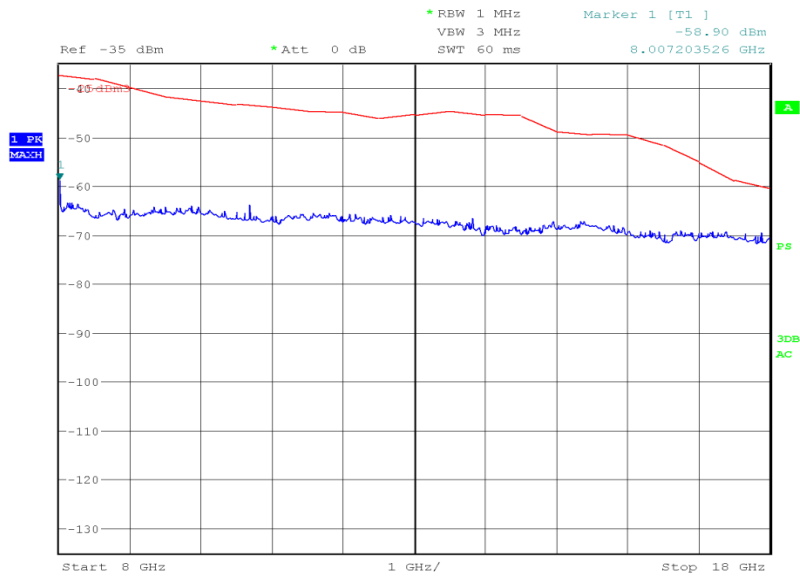


Date: 21.MAY.2015 21:44:06



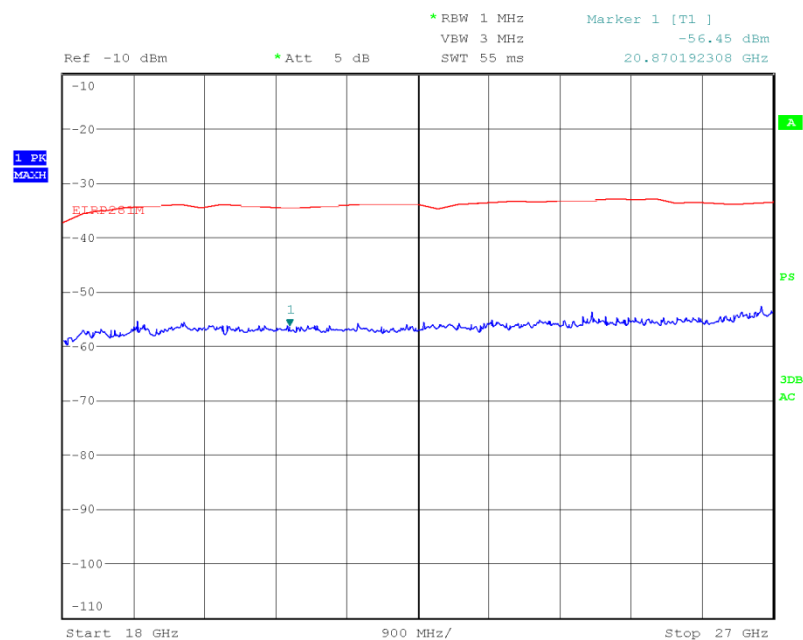
Product Service

LTE TDD 41, 2680.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Low, 8 GHz to 18 GHz, Emission Limitations Plot



Date: 22.MAY.2015 01:38:52

LTE TDD 41, 2680.0 MHz, 20.0 MHz Bandwidth, 16-QAM, 1 Resource Block – Low, 18 GHz to 27 GHz, Emission Limitations Plot



Date: 17.MAY.2015 04:30:53

The limit line on the above plot is -25 dBm.



Product Service

FCC 47 CFR Part 27, Limit Clause 27.53 (m)(4)

$>40 + 10\log(P)$ between channel edge and 5MHz

$>43 + 10\log(P)$ between 5MHz and X MHz

$>55 + 10\log(P)$ greater than X MHz

X = 6MHz or emission bandwidth, (see 27.53(m)(6)), (whichever is greater)



Product Service

2.4 BAND EDGE

2.4.1 Specification Reference

FCC 47 CFR Part 27, Clause 27.53
FCC 47 CFR Part 2, Clause 2.1051

2.4.2 Equipment Under Test and Modification State

SHV32 S/N: IMEI 004401115406494 - Modification State 0

2.4.3 Date of Test

30 April 2015, 6 May 2015 & 14 May 2015

2.4.4 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.4.5 Test Procedure

The path loss between the EUT and the Spectrum Analyser was measured using a Network Analyser and entered as a Reference Level Offset. Using a Communications tester the EUT was set to transmit on Maximum Power and the test channels were configured to the Top and Bottom of the band. The EUT was tested with All Resource Blocks active and with one Resource Block active at the position closest to the Band Edge. The RBW was set to a value of at least 1% of the Emission Bandwidth value. The detector of the Spectrum Analyser was set to RMS and the result checked against the limit defined in the specification. The results are shown in the following summary tables and plots.

The EUT shall only be used on the channels defined in the summary tables shown in the reports. Any channels above or below the frequencies listed have not been tested and should not be used.

Band 17.

Note: The lower Band Edge has been tested at 704 MHz as per LTE FDD Band 17 definition as oppose to 698 MHz defined in 27.53 (g).

2.4.6 Environmental Conditions

Ambient Temperature	22.8 - 24.1°C
Relative Humidity	30.0 - 37.8%



Product Service

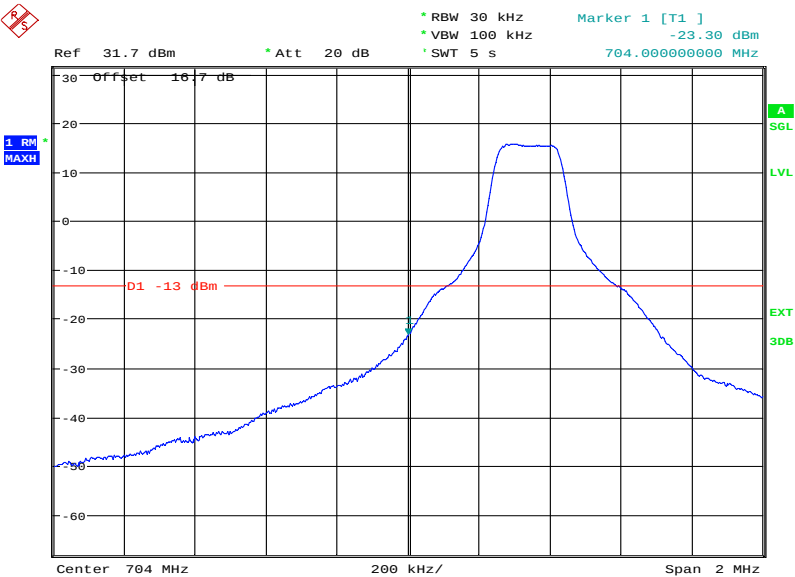
2.4.7 Test Results

4.0 V DC Supply

LTE FDD 17, 5.0 MHz Bandwidth, QPSK, Band Edge Results

Band Edge (dBm)			
706.5 MHz		713.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-23.3	-31.1	-24.9	-31.4

LTE FDD 17, 706.5 MHz, 1 Resource Block - Low, 5.0 MHz Bandwidth, QPSK, Band Edge Results

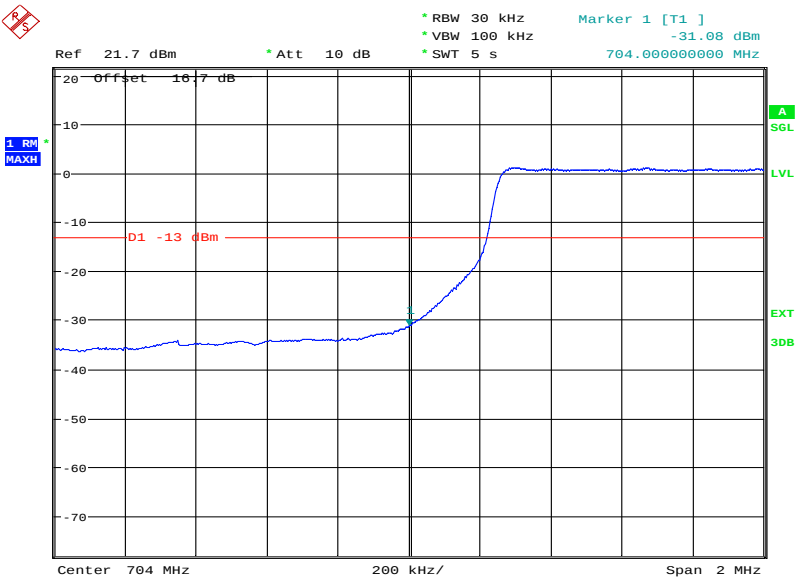


Date: 30.APR.2015 15:45:21



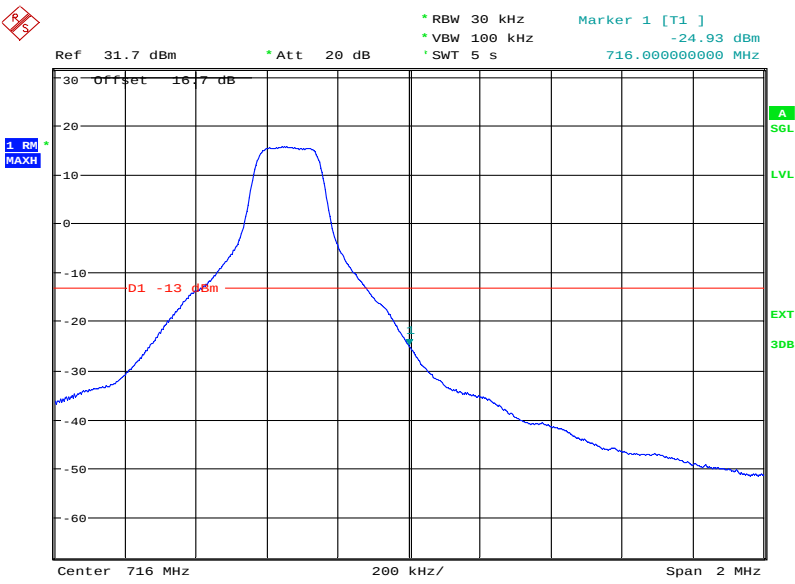
Product Service

LTE FDD 17, 706.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, Band Edge Results



Date: 30.APR.2015 15:17:18

LTE FDD 17, 713.5 MHz, 1 Resource Block - High, 5.0 MHz Bandwidth, QPSK, Band Edge Results

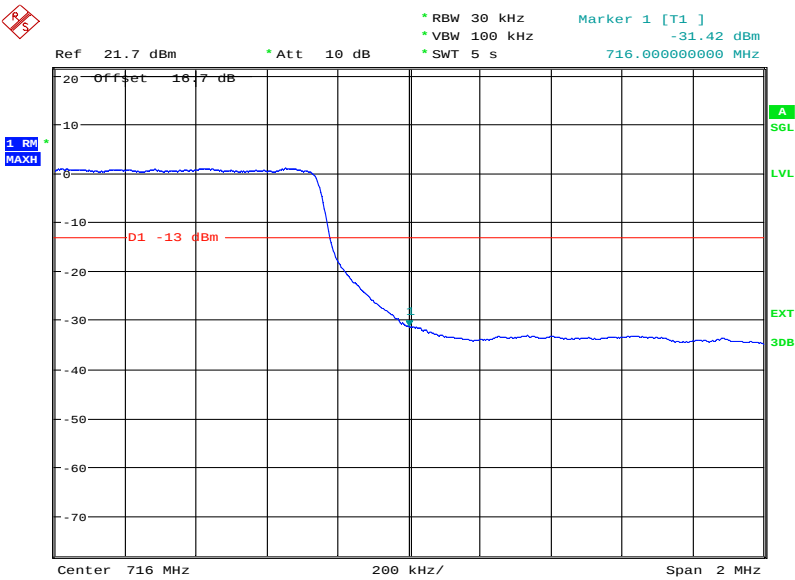


Date: 30.APR.2015 14:43:12



Product Service

LTE FDD 17, 713.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, Band Edge Results



Date: 30.APR.2015 14:35:34

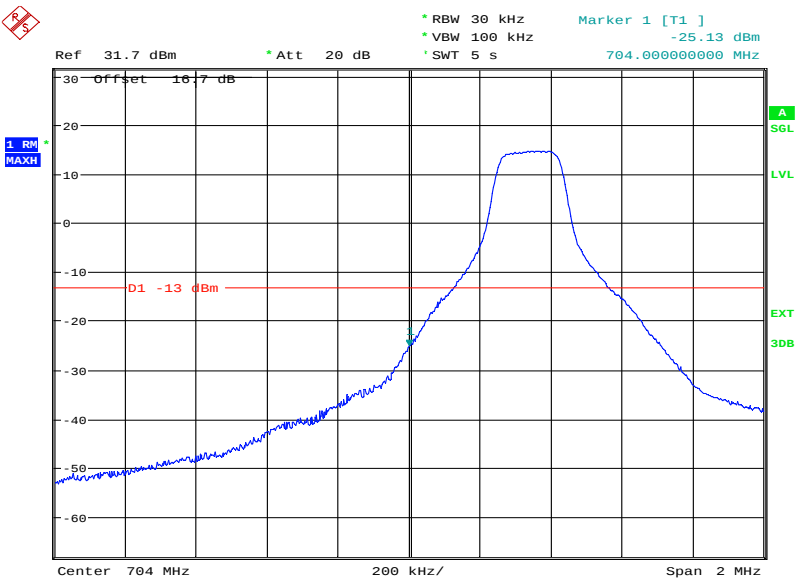


Product Service

LTE FDD 17, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results

Band Edge (dBm)			
706.5 MHz		713.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-25.1	-31.1	-25.8	-31.8

LTE FDD 17, 706.5 MHz, 1 Resource Block - Low, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results

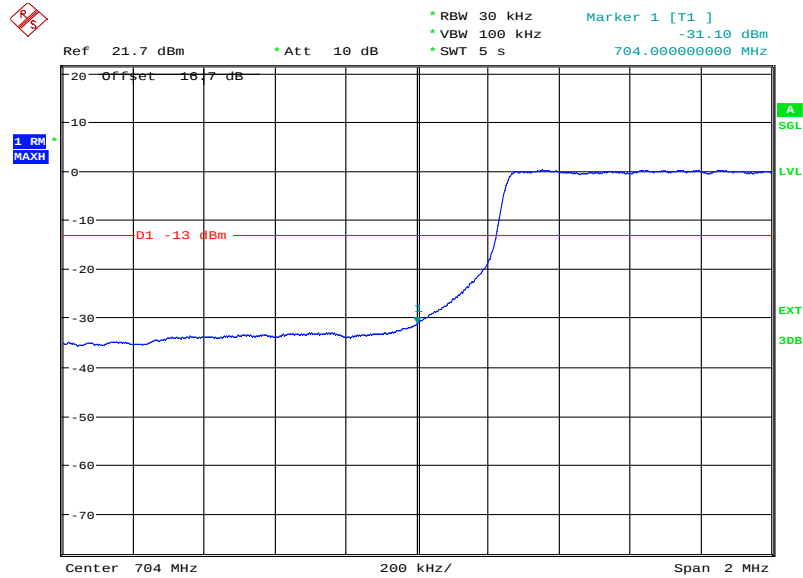


Date: 30.APR.2015 15:43:24



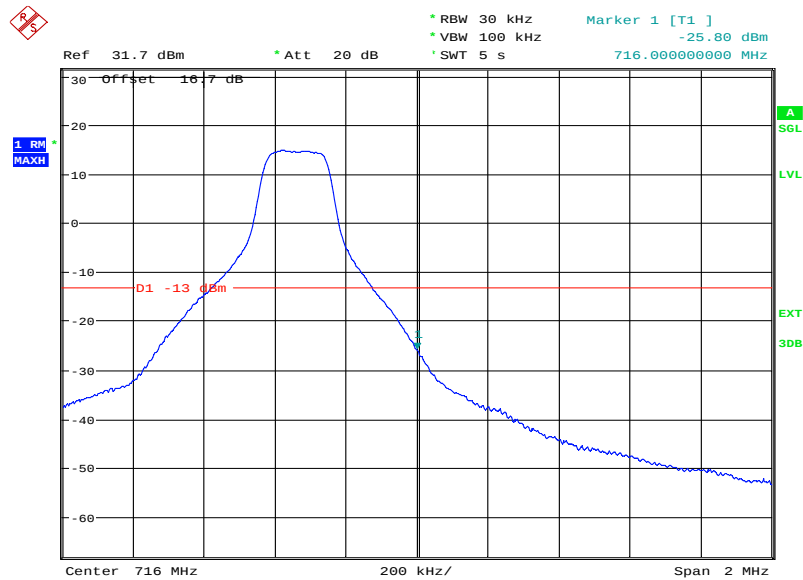
Product Service

LTE FDD 17, 706.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results



Date: 30.APR.2015 15:37:19

LTE FDD 17, 713.5 MHz, 1 Resource Block - High, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results

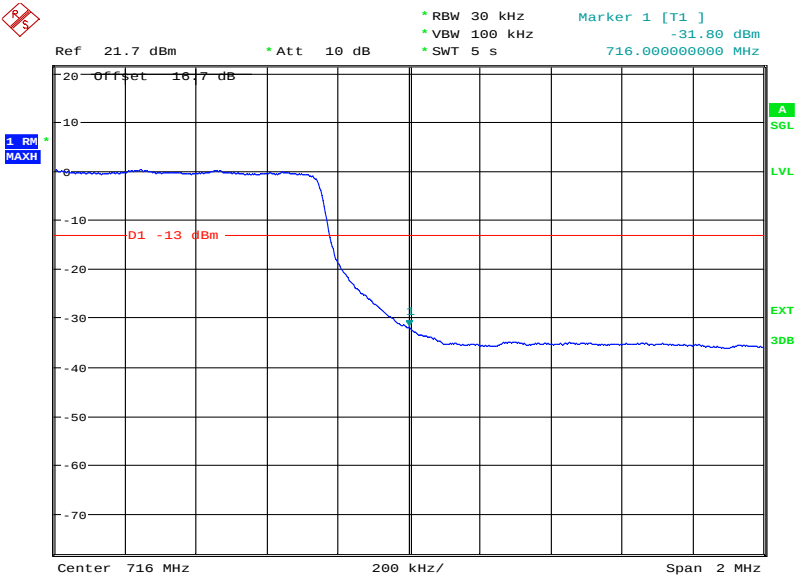


Date: 30.APR.2015 14:40:19



Product Service

LTE FDD 17, 713.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, Band Edge
Results



Date: 30.APR.2015 14:38:00

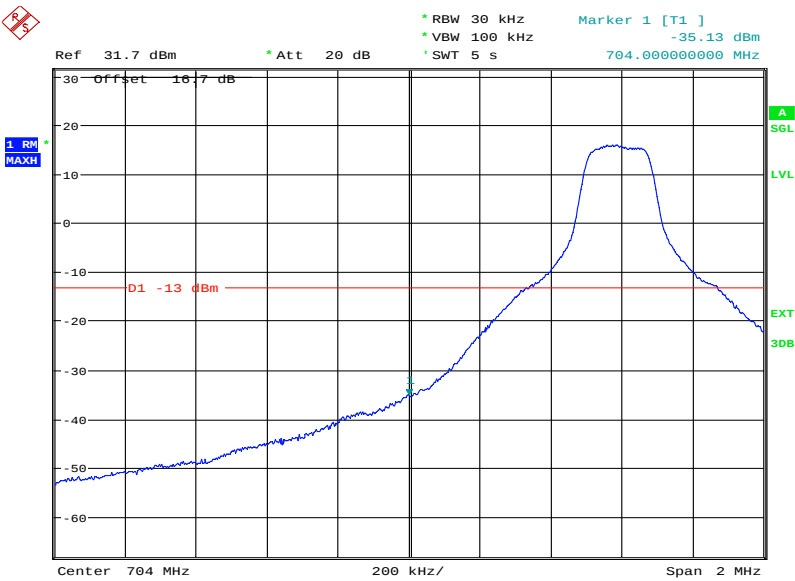


Product Service

LTE FDD 17, 10.0 MHz Bandwidth, QPSK, Band Edge Results

Band Edge (dBm)			
709.0 MHz		711.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-35.1	-37.3	-36.2	-35.4

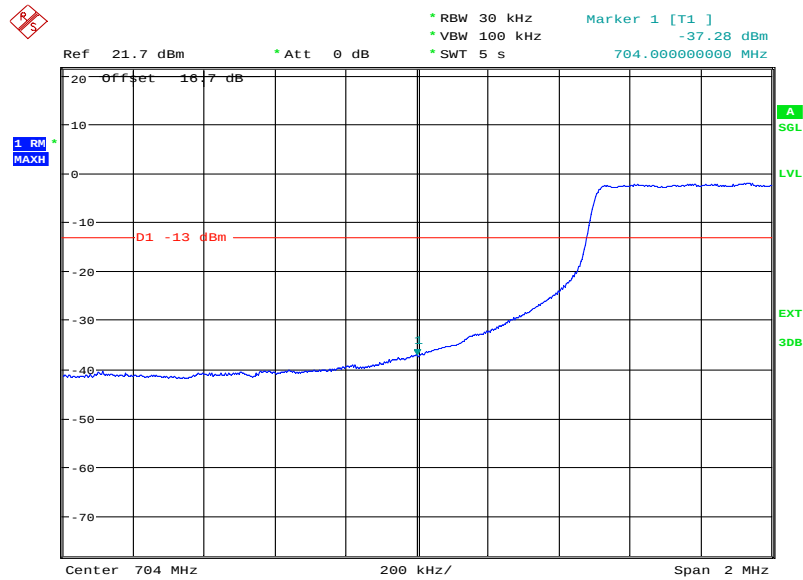
LTE FDD 17, 709 MHz, 1 Resource Block - Low, 10.0 MHz Bandwidth, QPSK, Band Edge Results



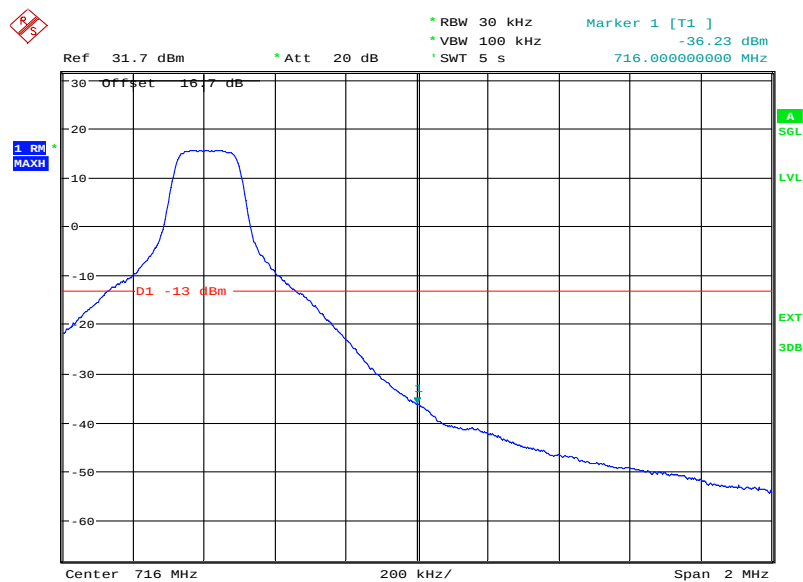
Date: 30.APR.2015 13:53:47



Product Service

LTE FDD 17, 709 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, Band Edge Results

Date: 30.APR.2015 13:46:25

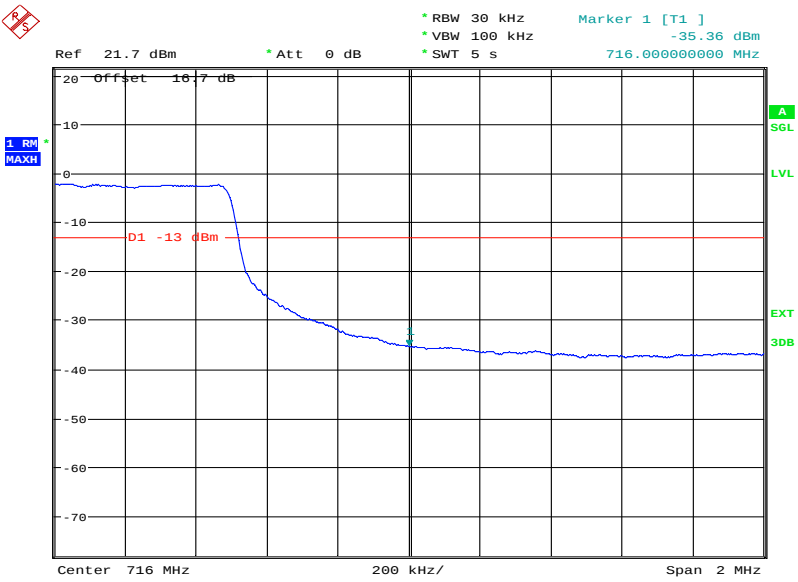
LTE FDD 17, 711 MHz, 1 Resource Block - High, 10.0 MHz Bandwidth, QPSK, Band Edge Results

Date: 30.APR.2015 14:25:14



Product Service

LTE FDD 17, 711 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, Band Edge Results



Date: 30.APR.2015 14:17:36

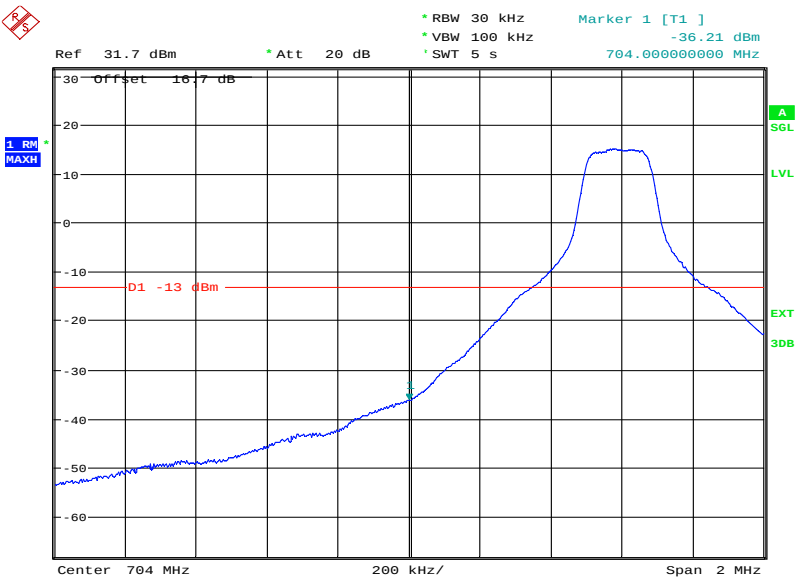


Product Service

LTE FDD 17, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results

Band Edge (dBm)			
709.0 MHz		711.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-36.2	-38.6	-38.3	-37.3

LTE FDD 17, 709 MHz, 1 Resource Block - Low, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results

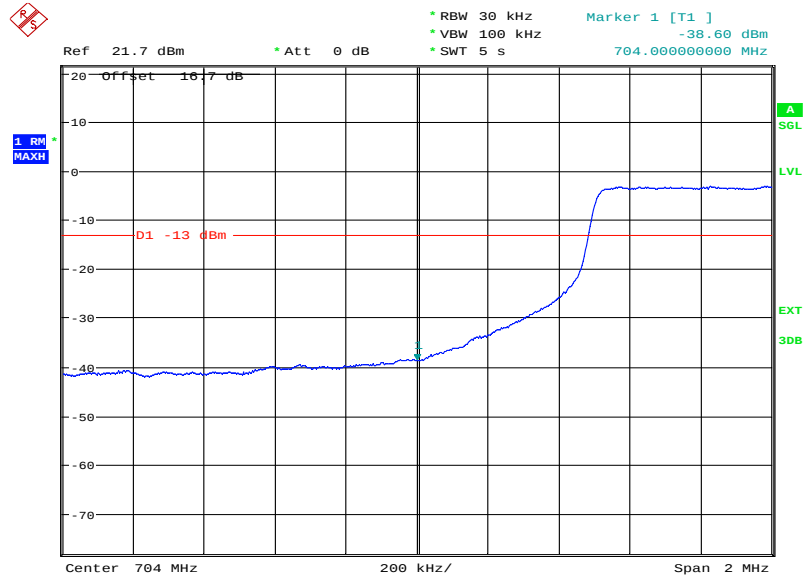


Date: 30.APR.2015 13:51:51



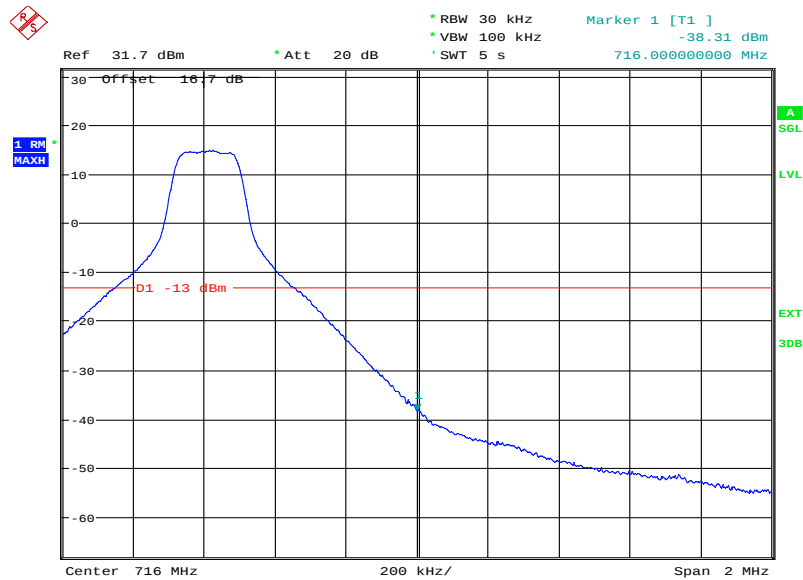
Product Service

LTE FDD 17, 709 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results



Date: 30.APR.2015 13:49:25

LTE FDD 17, 711 MHz, 1 Resource Block - High, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results

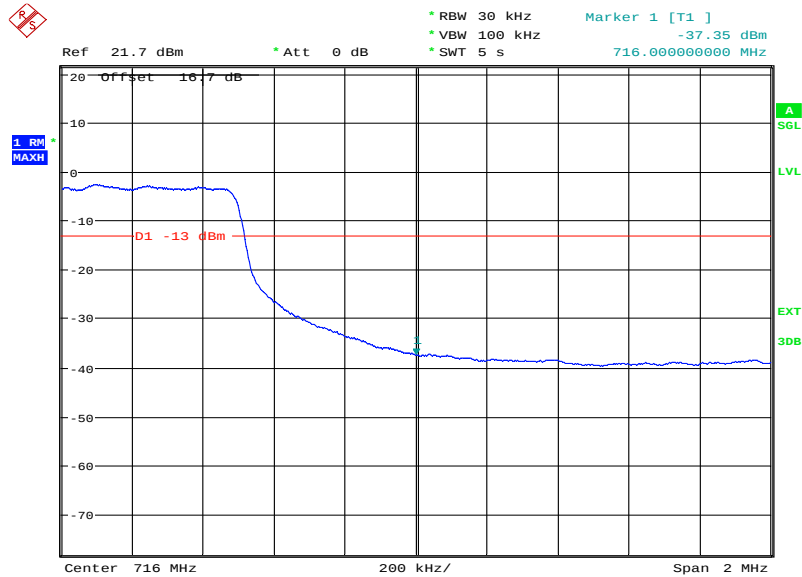


Date: 30.APR.2015 14:23:14



Product Service

LTE FDD 17, 711 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results



Date: 30.APR.2015 14:20:43

FCC 47 CFR Part 27 Limit Clause 27.53 (g)

-13 dBm or $43 + 10 \log (P)$



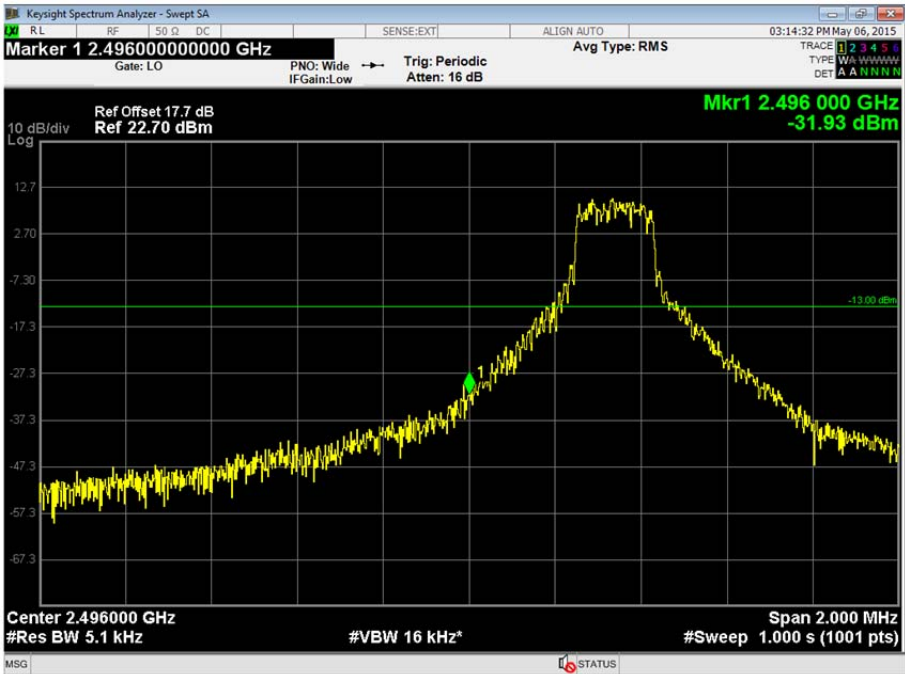
Product Service

4.0 V DC Supply

LTE TDD 41, 5.0 MHz Bandwidth, QPSK, Band Edge Results

Band Edge (dBm)			
2498.5 MHz		2687.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-31.93	-29.04	-28.87	-29.12

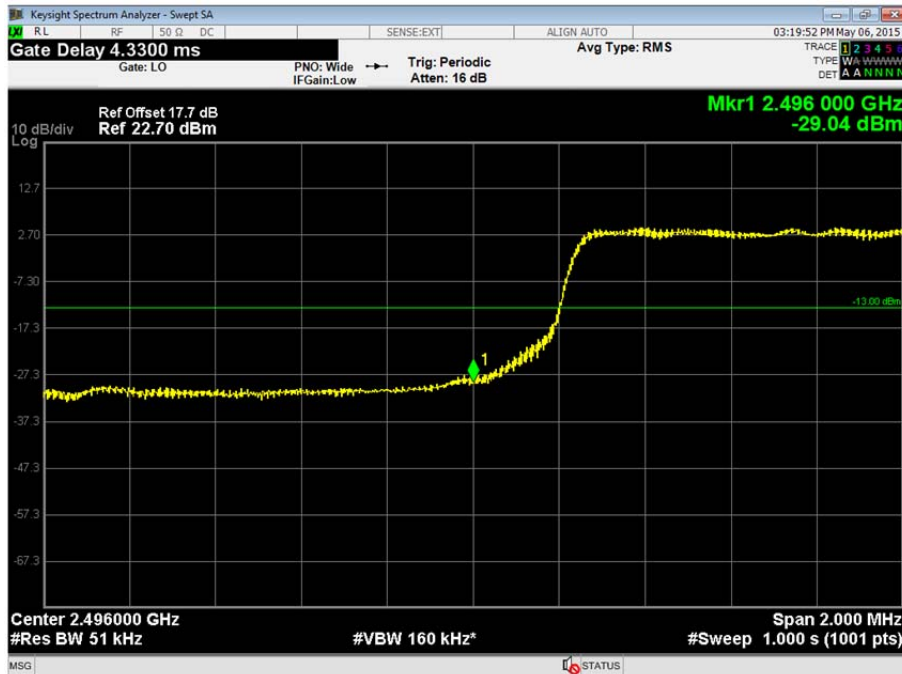
LTE TDD 41, 2498.5 MHz, 1 Resource Block - Low, 5.0 MHz Bandwidth, QPSK, Band Edge Results



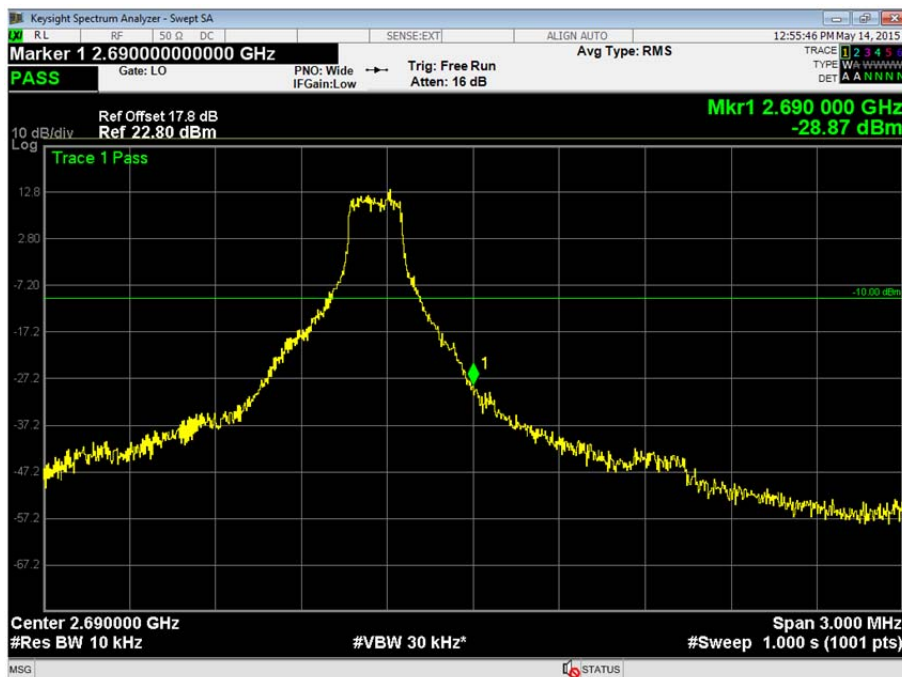


Product Service

LTE TDD 41, 2498.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, Band Edge Results



LTE TDD 41, 2687.5 MHz, 1 Resource Block - High, 5.0 MHz Bandwidth, QPSK, Band Edge Results





Product Service

LTE TDD 41, 2687.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, Band Edge Results



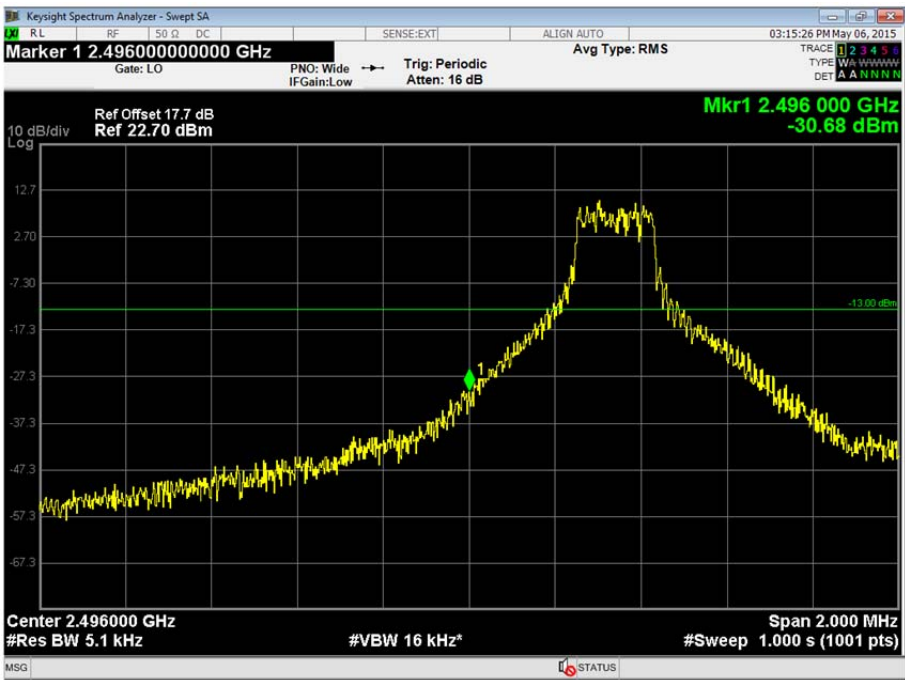


Product Service

LTE TDD 41, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results

Band Edge (dBm)			
2498.5 MHz		2687.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-30.68	-30.31	-32.31	-28.20

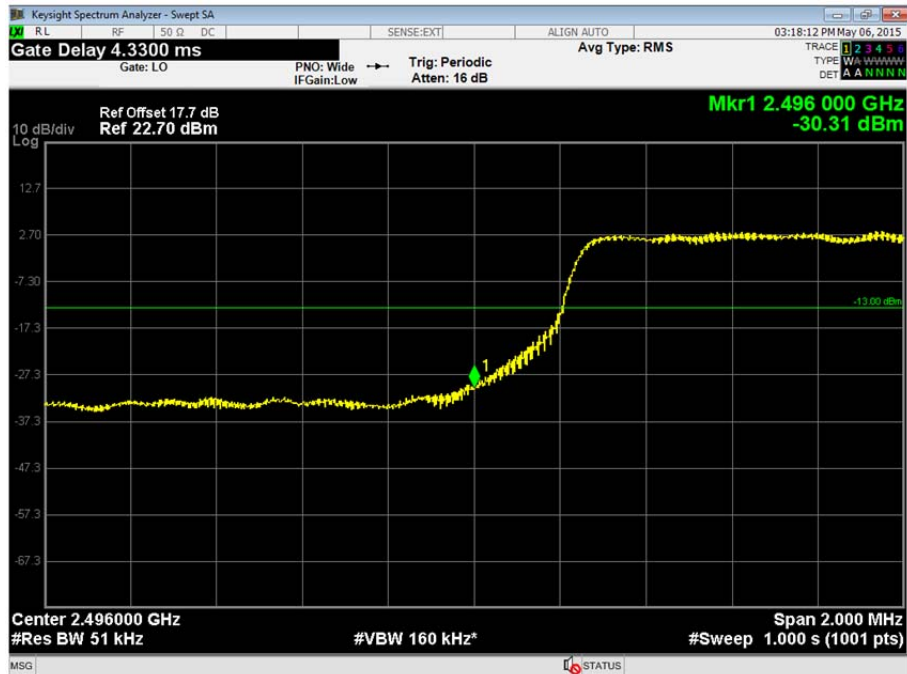
LTE TDD 41, 2498.5 MHz, 1 Resource Block - Low, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results



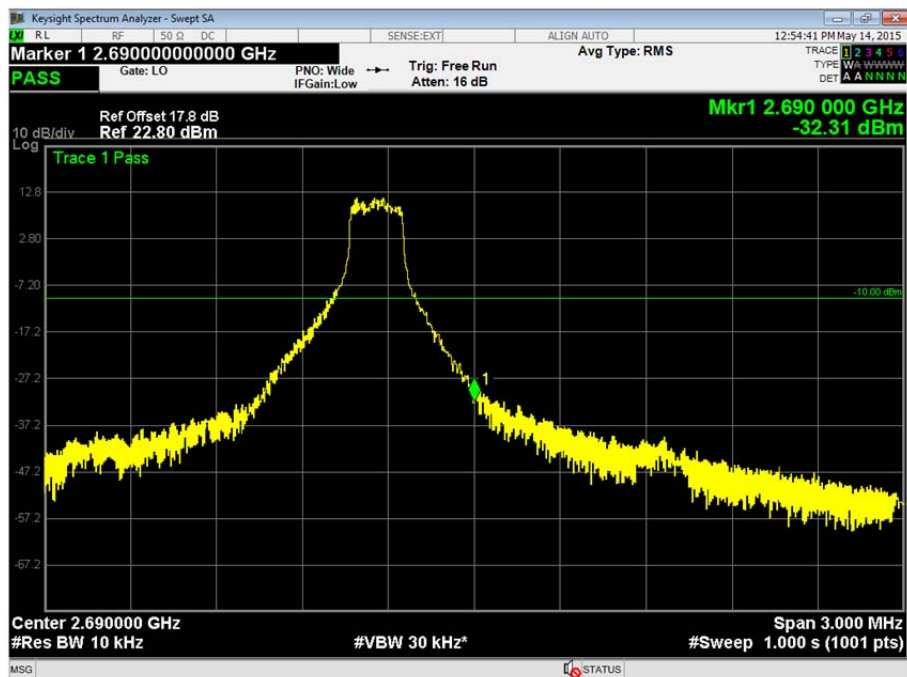


Product Service

LTE TDD 41, 2498.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results



LTE TDD 41, 2687.5 MHz, 1 Resource Block - High, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results





Product Service

LTE TDD 41, 2687.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, Band Edge Results



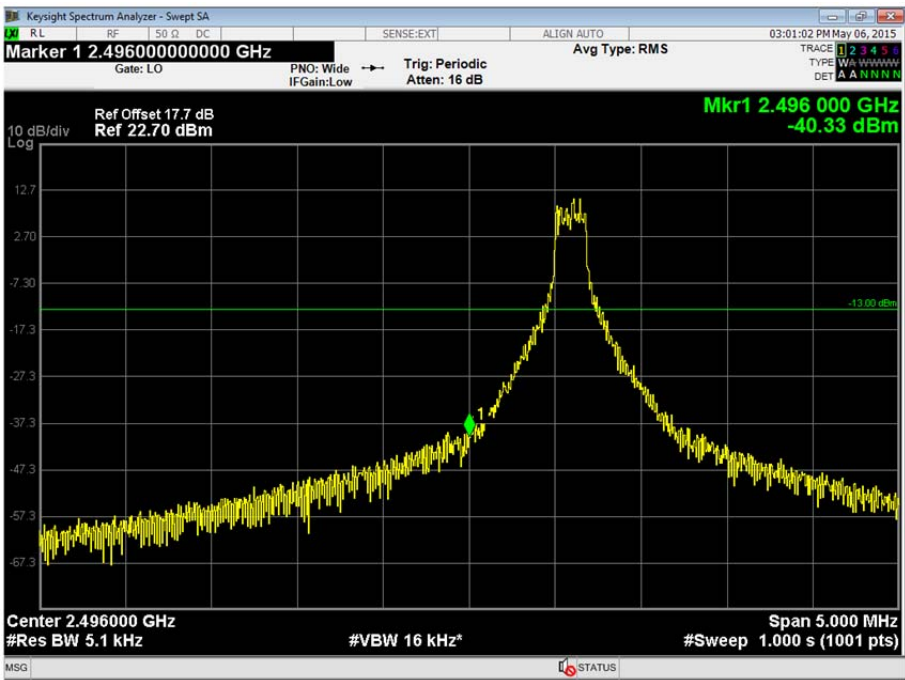


Product Service

LTE TDD 41, 10.0 MHz Bandwidth, QPSK, Band Edge Results

Band Edge (dBm)			
2501.0 MHz		2685.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-40.33	-26.33	-39.83	-31.21

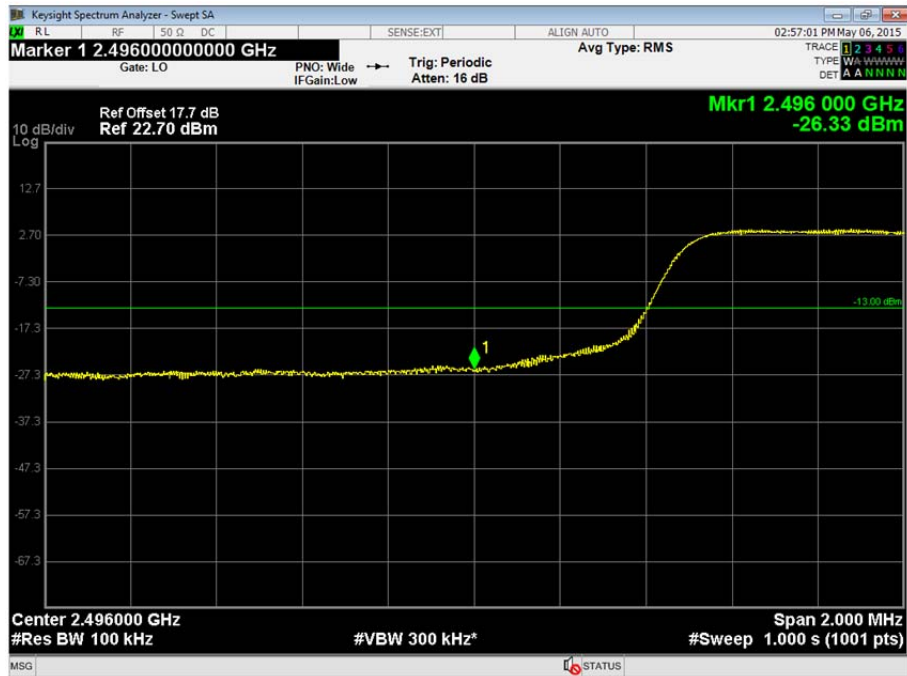
LTE TDD 41, 2501 MHz, 1 Resource Block - Low, 10.0 MHz Bandwidth, QPSK, Band Edge Results



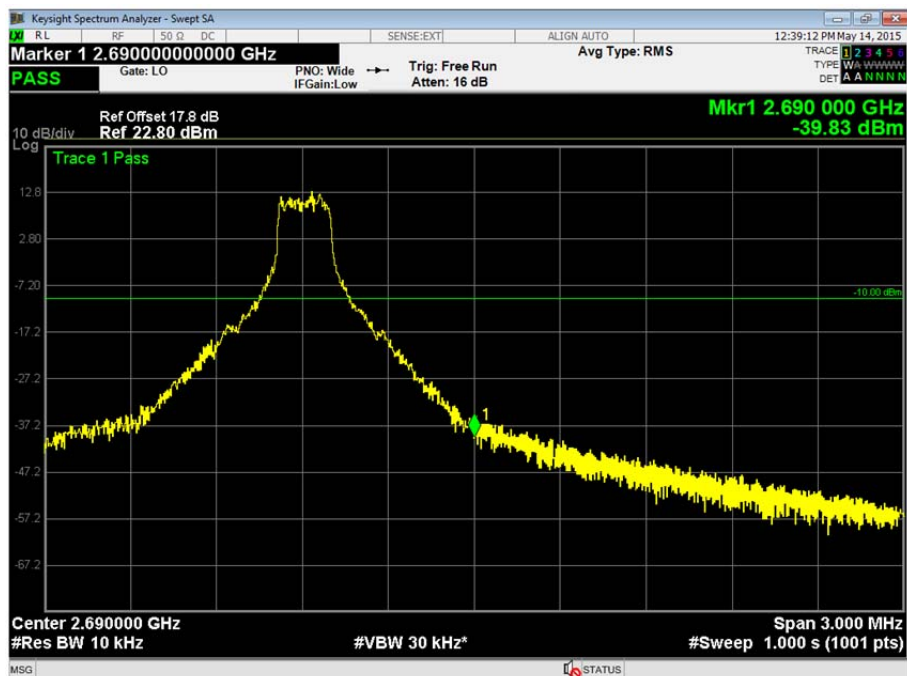


Product Service

LTE TDD 41, 2501 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, Band Edge Results



LTE TDD 41, 2685 MHz, 1 Resource Block - High, 10.0 MHz Bandwidth, QPSK, Band Edge Results





Product Service

LTE TDD 41, 2685 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, Band Edge Results



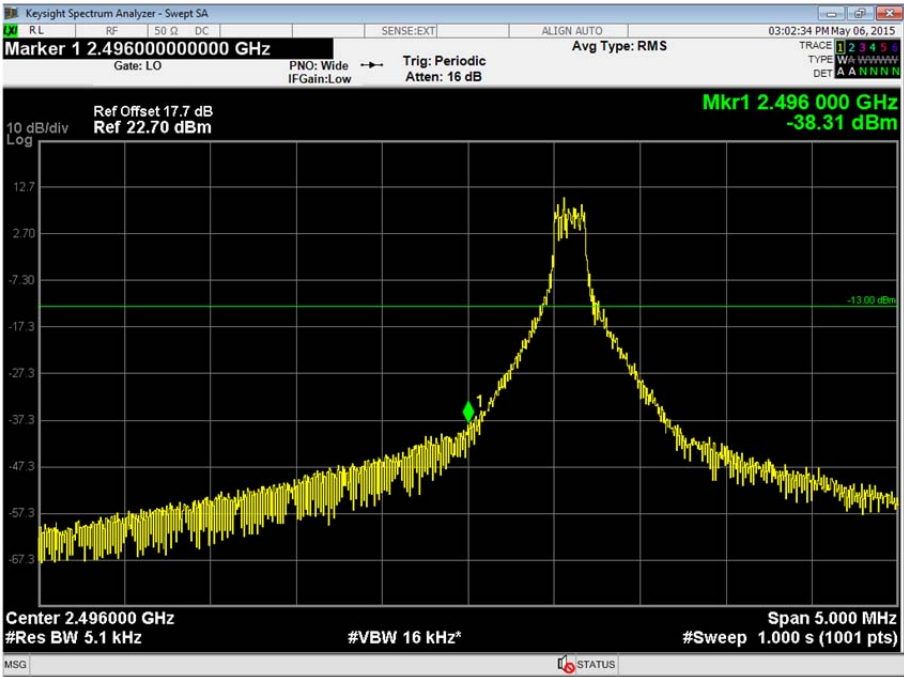


Product Service

LTE TDD 41, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results

Band Edge (dBm)			
2501.0 MHz		2685.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-38.31	-29.30	-38.70	-30.91

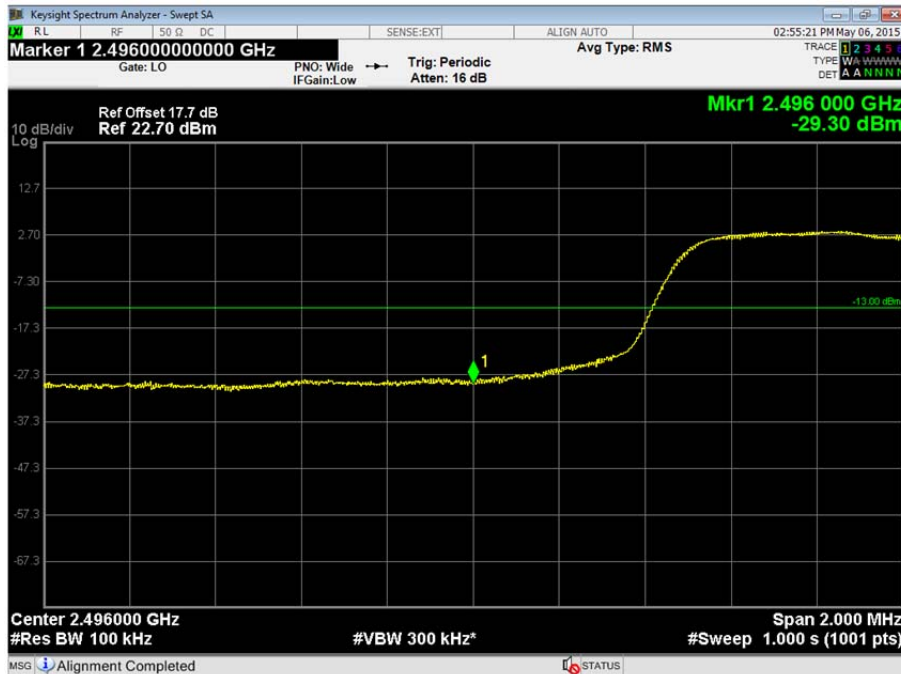
LTE TDD 41, 2501 MHz, 1 Resource Block - Low, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results



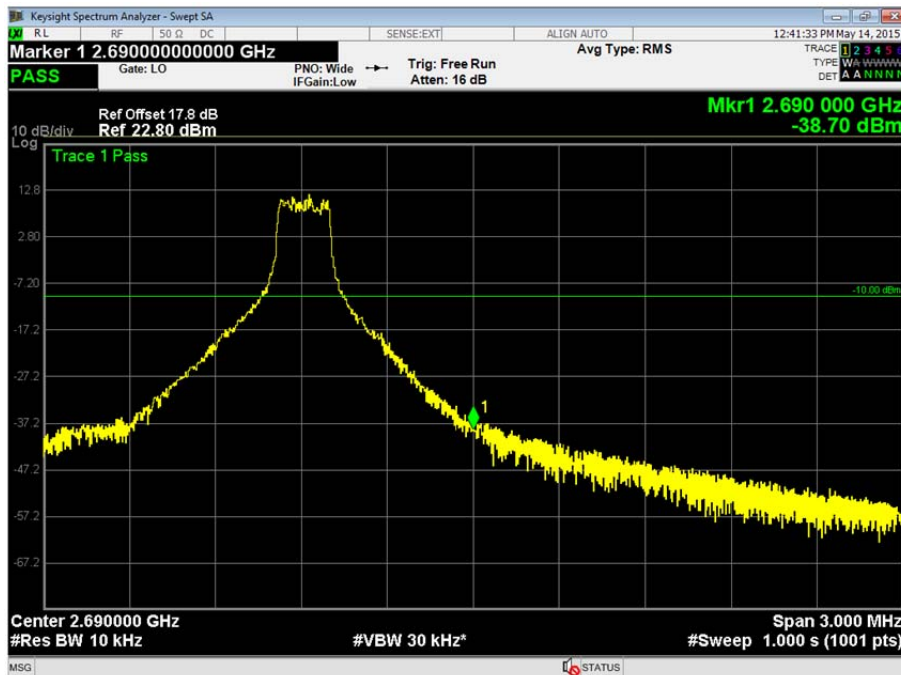


Product Service

LTE TDD 41, 2501 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results



LTE TDD 41, 2685 MHz, 1 Resource Block - High, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results





Product Service

LTE TDD 41, 2685 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, Band Edge Results



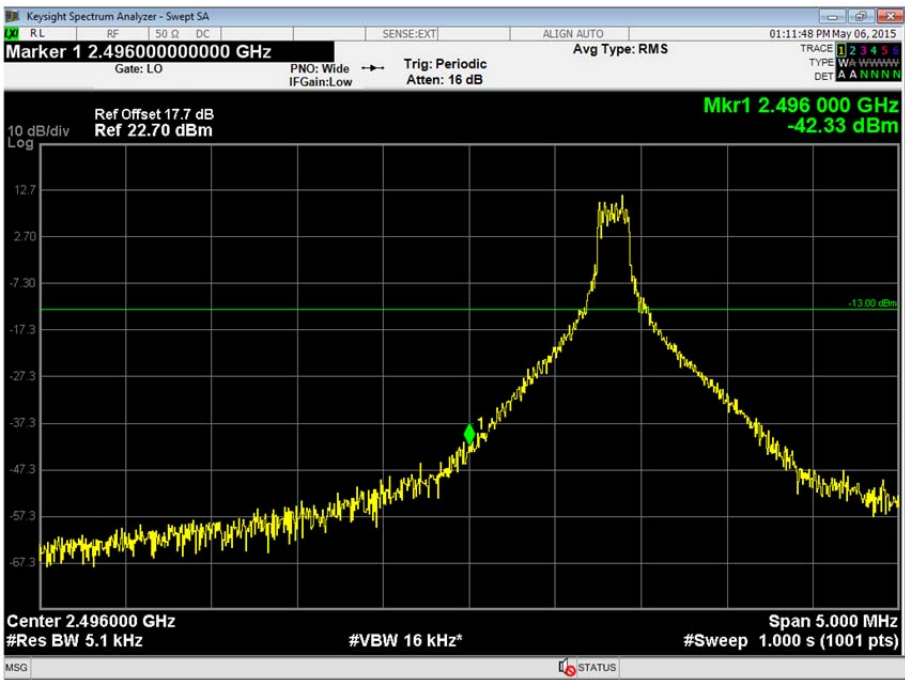


Product Service

LTE TDD 41, 15.0 MHz Bandwidth, QPSK, Band Edge Results

Band Edge (dBm)			
2503.5 MHz		2682.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-42.33	-24.97	-42.13	-29.45

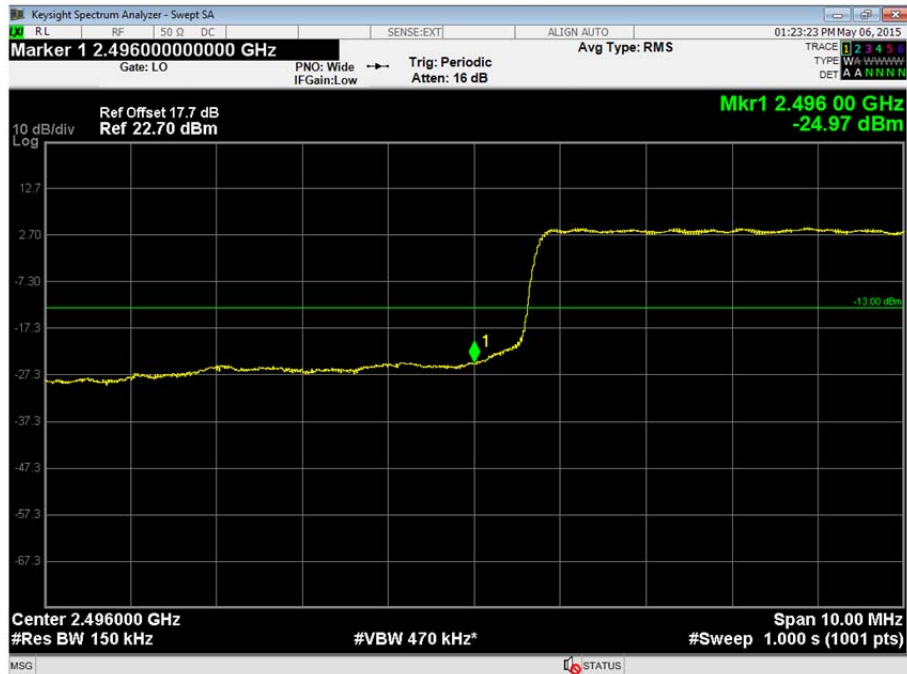
LTE TDD 41, 2503.5 MHz, 1 Resource Block - Low, 15.0 MHz Bandwidth, QPSK, Band Edge Results



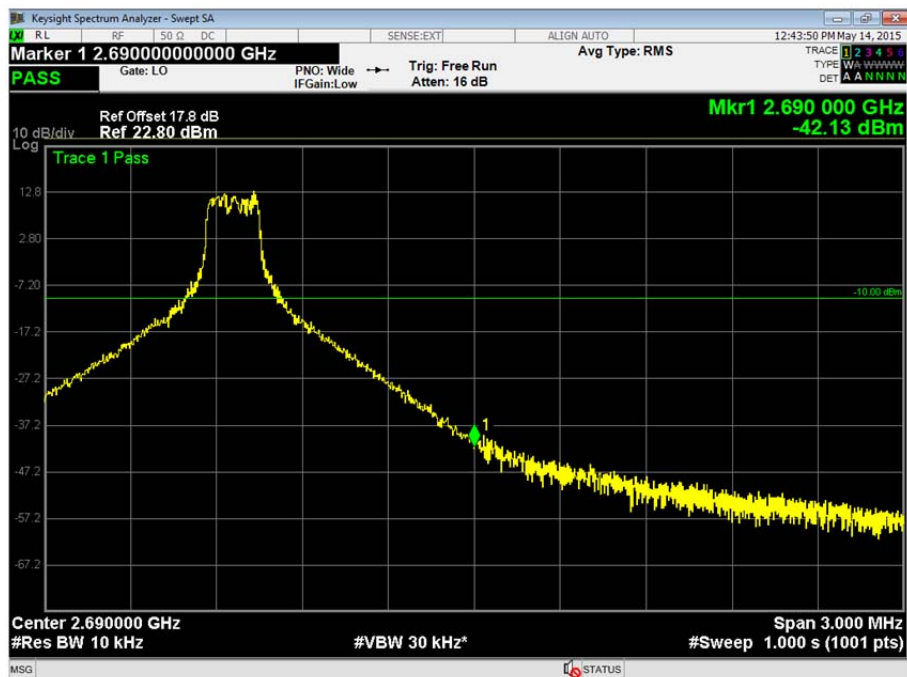


Product Service

LTE TDD 41, 2503.5 MHz, All Resource Blocks, 15.0 MHz Bandwidth, QPSK, Band Edge Results



LTE TDD 41, 2682.5 MHz, 1 Resource Block - High, 15.0 MHz Bandwidth, QPSK, Band Edge Results





Product Service

LTE TDD 41, 2682.5 MHz, All Resource Blocks, 15.0 MHz Bandwidth, QPSK, Band Edge Results



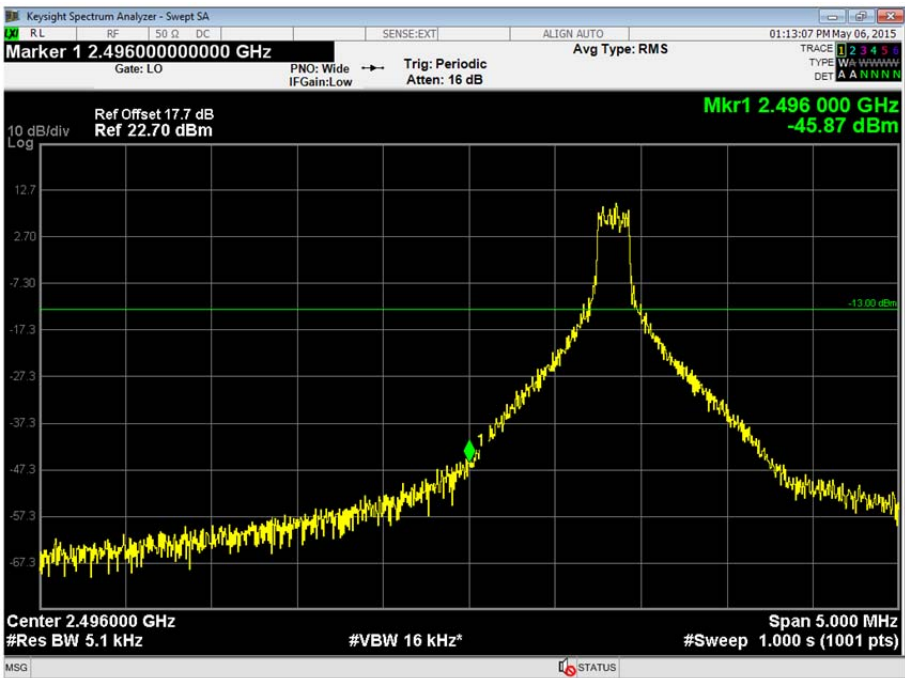


Product Service

LTE TDD 41, 15.0 MHz Bandwidth, 16-QAM, Band Edge Results

Band Edge (dBm)			
2503.5 MHz		2682.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-45.87	-27.88	-41.37	-31.92

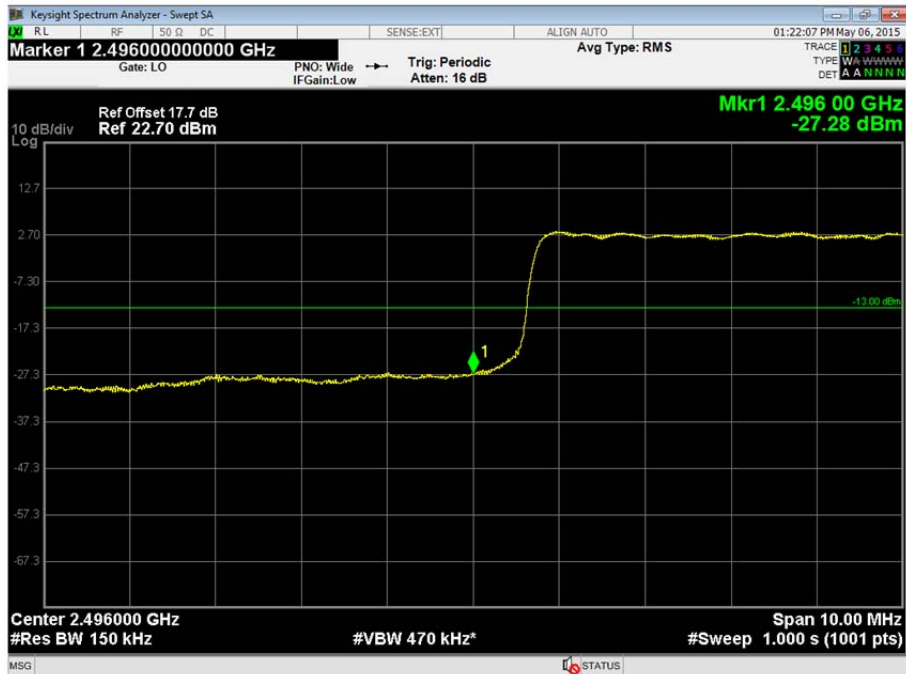
LTE TDD 41, 2503.5 MHz, 1 Resource Block - Low, 15.0 MHz Bandwidth, 16-QAM, Band Edge Results



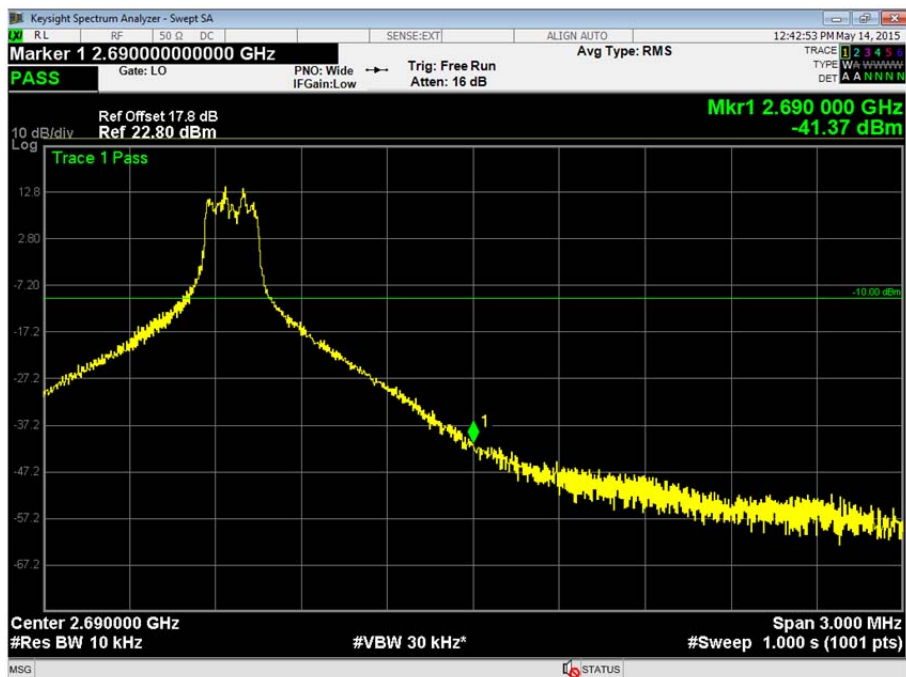


Product Service

LTE TDD 41, 2503.5 MHz, All Resource Blocks, 15.0 MHz Bandwidth, 16-QAM, Band Edge Results



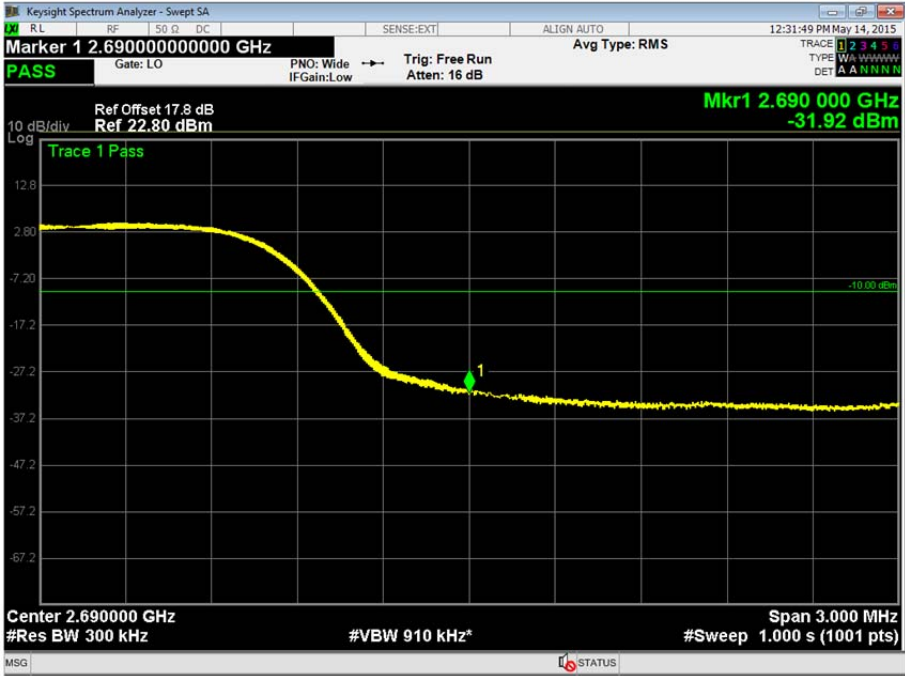
LTE TDD 41, 2682.5 MHz, 1 Resource Block - High, 15.0 MHz Bandwidth, 16-QAM, Band Edge Results





Product Service

LTE TDD 41, 2682.5 MHz, All Resource Blocks, 15.0 MHz Bandwidth, 16-QAM, Band Edge Results



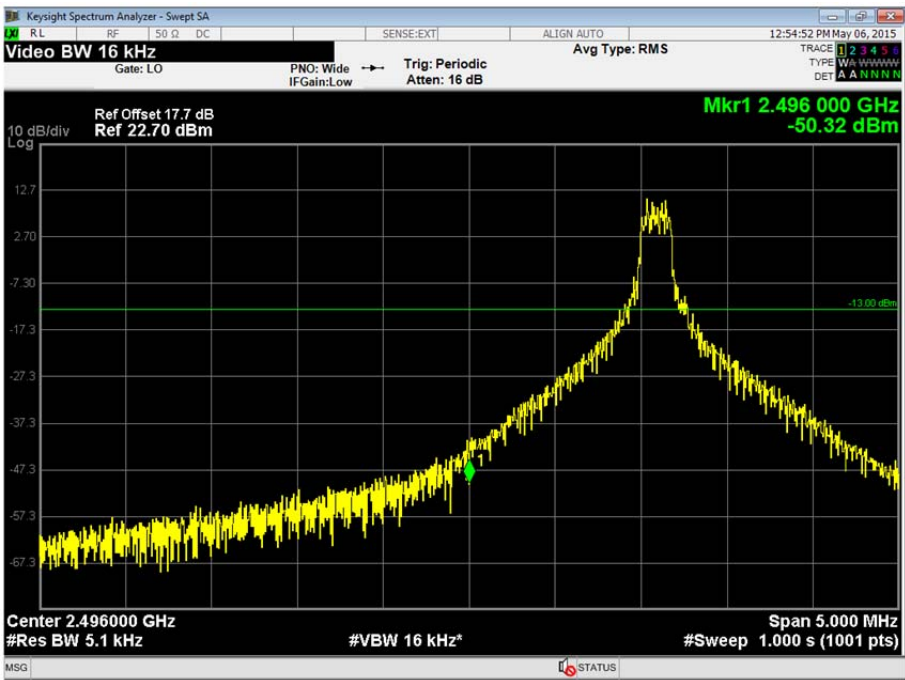


Product Service

LTE TDD 41, 20.0 MHz Bandwidth, QPSK, Band Edge Results

Band Edge (dBm)			
2506.0 MHz		2680.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-50.32	-24.15	-43.38	-29.33

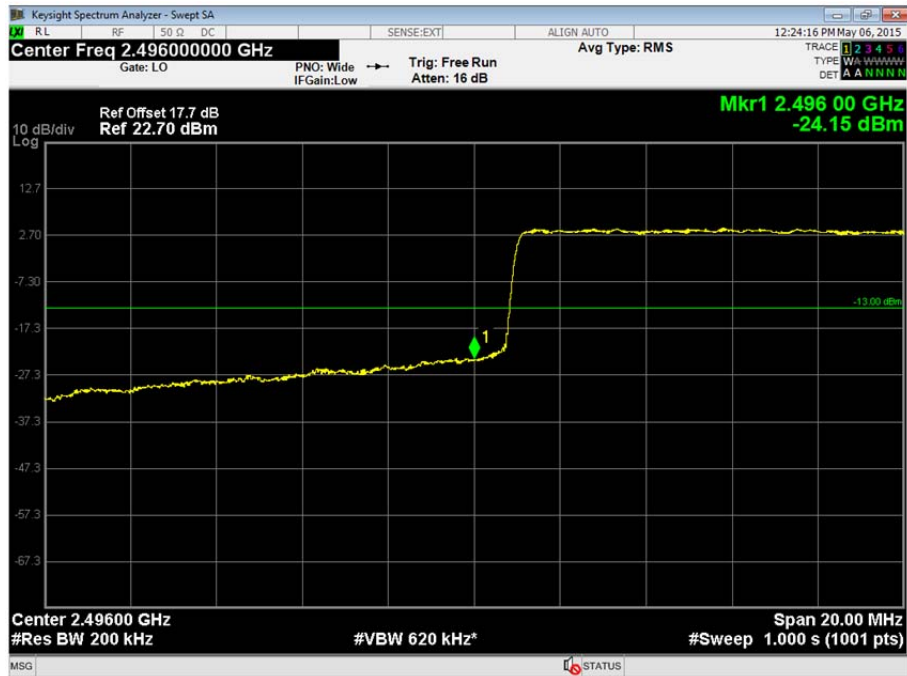
LTE TDD 41, 2506 MHz, 1 Resource Block - Low, 20.0 MHz Bandwidth, QPSK, Band Edge Results



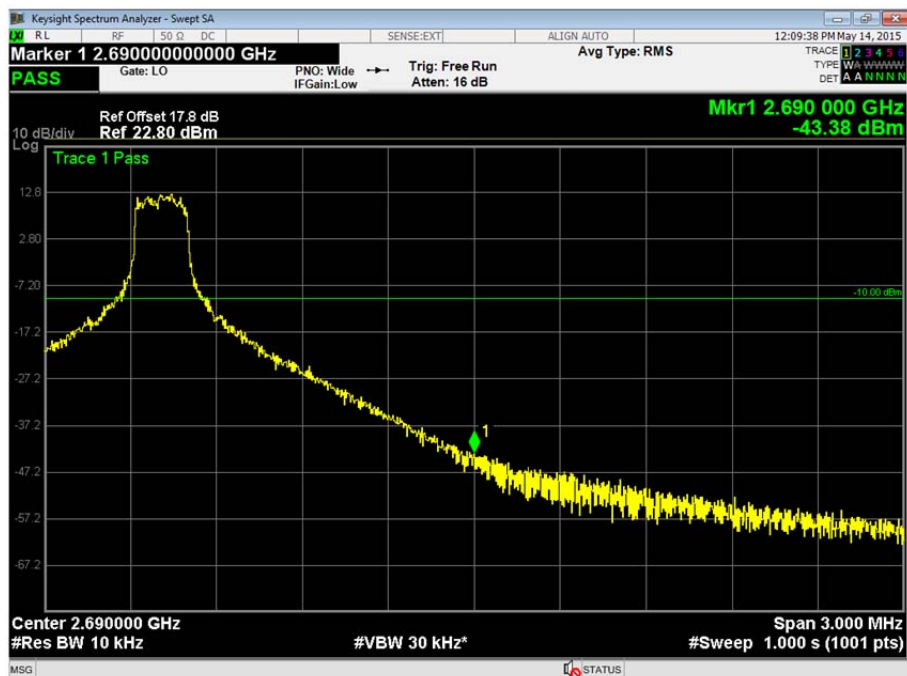


Product Service

LTE TDD 41, 2506 MHz, All Resource Blocks, 20.0 MHz Bandwidth, QPSK, Band Edge Results



LTE TDD 41, 2680 MHz, 1 Resource Block - High, 20.0 MHz Bandwidth, QPSK, Band Edge Results





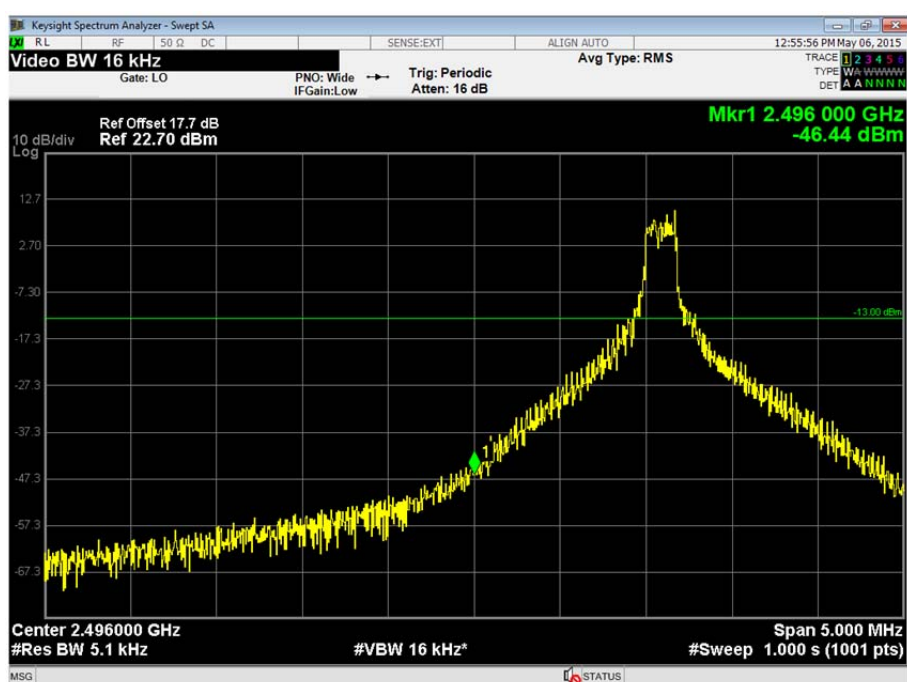
Product Service

LTE TDD 41, 2680 MHz, All Resource Blocks, 20.0 MHz Bandwidth, QPSK, Band Edge Results



Band Edge (dBm)			
2506.0 MHz		2680.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-46.44	-26.29	-43.64	-30.83

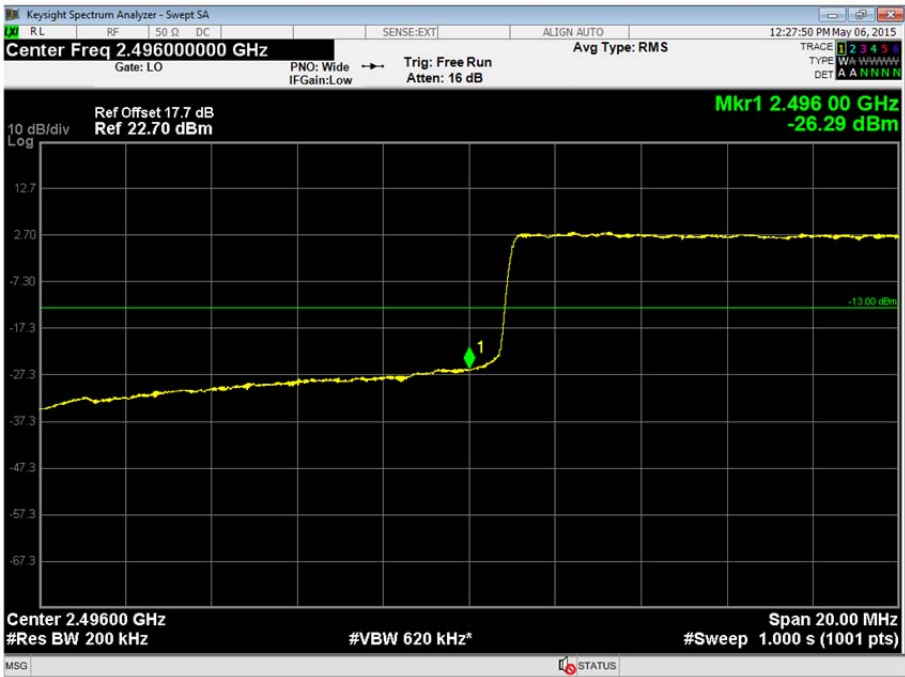
LTE TDD 41, 2506 MHz, 1 Resource Block - Low, 20.0 MHz Bandwidth, 16-QAM, Band Edge Results





Product Service

LTE TDD 41, 2506 MHz, All Resource Blocks, 20.0 MHz Bandwidth, 16-QAM, Band Edge Results



LTE TDD 41, 2680 MHz, 1 Resource Block - High, 20.0 MHz Bandwidth, 16-QAM, Band Edge Results





Product Service

LTE TDD 41, 2680 MHz, All Resource Blocks, 20.0 MHz Bandwidth, 16-QAM, Band Edge Results



FCC 47 CFR Part 27, Limit Clause 27.53 (m)(4)

Frequency Range	
2490.5 MHz to 2496 MHz	43 + 10 log(P) or -13 dBm
> 2690 MHz	40 + 10 log(P) or -10 dBm



Product Service

2.5 26 dB BANDWIDTH**2.5.1 Specification Reference**

FCC 47 CFR Part 27, Clause 27.53 (h)(3) and (m)(6)
FCC 47 CFR Part 2, Clause 2.1051

2.5.2 Equipment Under Test and Modification State

SHV32 S/N: IMEI 004401115406494 - Modification State 0

2.5.3 Date of Test

1 May 2015, 5 May 2015 & 14 May 2015

2.5.4 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.5.5 Test Procedure

The test was performed in accordance with KDB 971168 D01 v02r02, Clause 4.1.

2.5.6 Environmental Conditions

Ambient Temperature	23.1 - 24.1°C
Relative Humidity	30.0 - 46.1%



Product Service

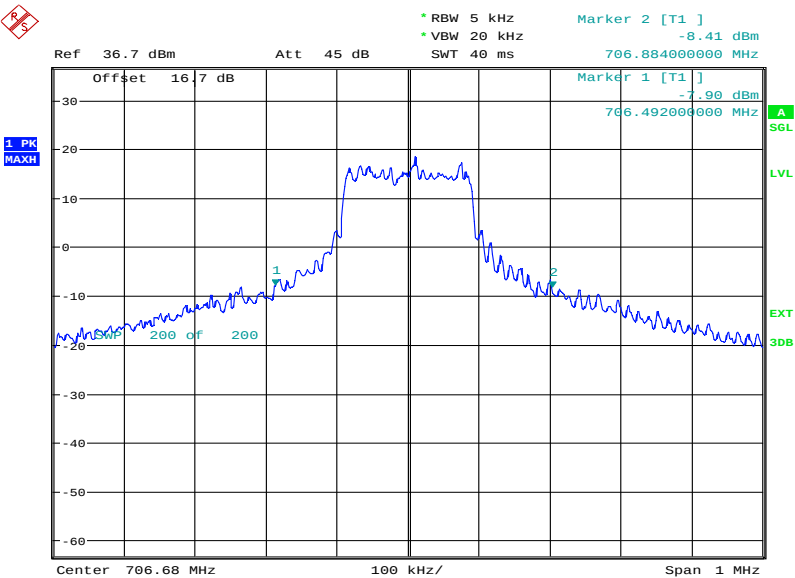
2.5.7 Test Results

4.0 V DC Supply

LTE FDD 17, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

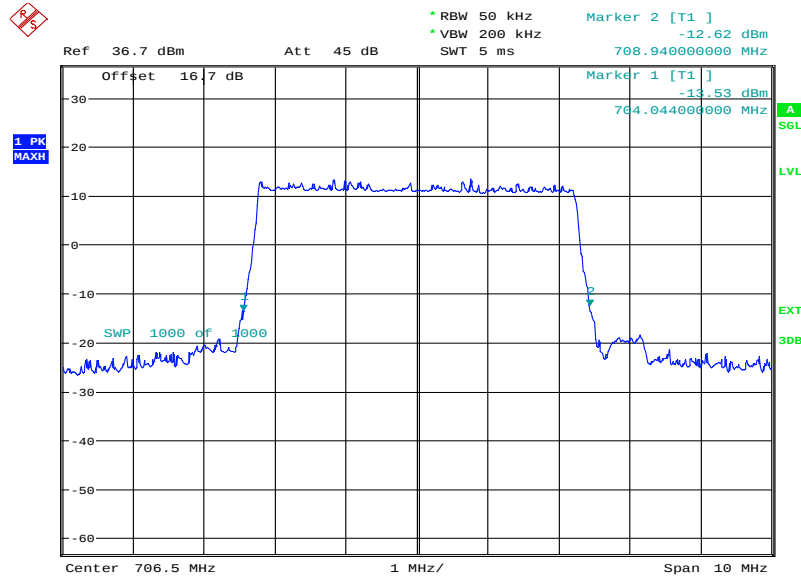
26dB Bandwidth											
706.5 MHz				710.0 MHz				713.5 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	392.0	N/T	4896.0	N/T	460.8	N/T	4928.0	N/T	393.6	N/T	4880.0

LTE FDD 17, 706.5 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



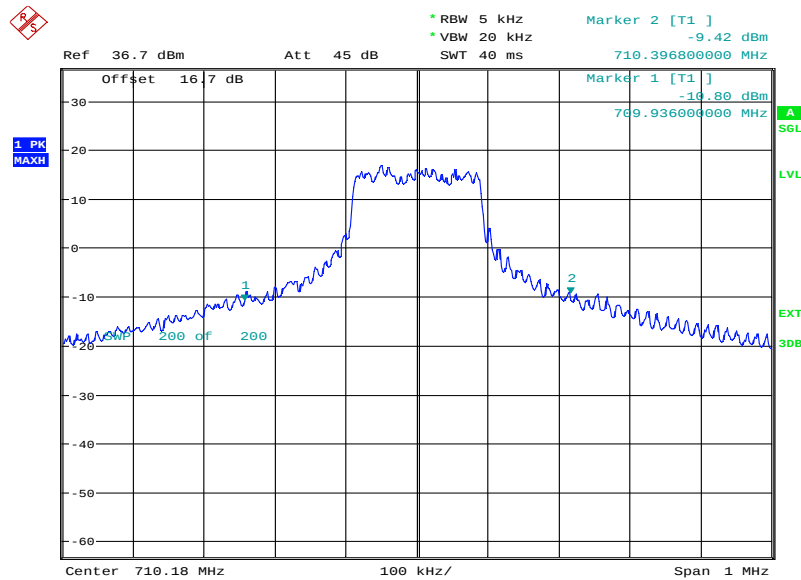
Date: 30.APR.2015 15:47:13

LTE FDD 17, 706.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



Date: 30.APR.2015 15:16:32

LTE FDD 17, 710 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

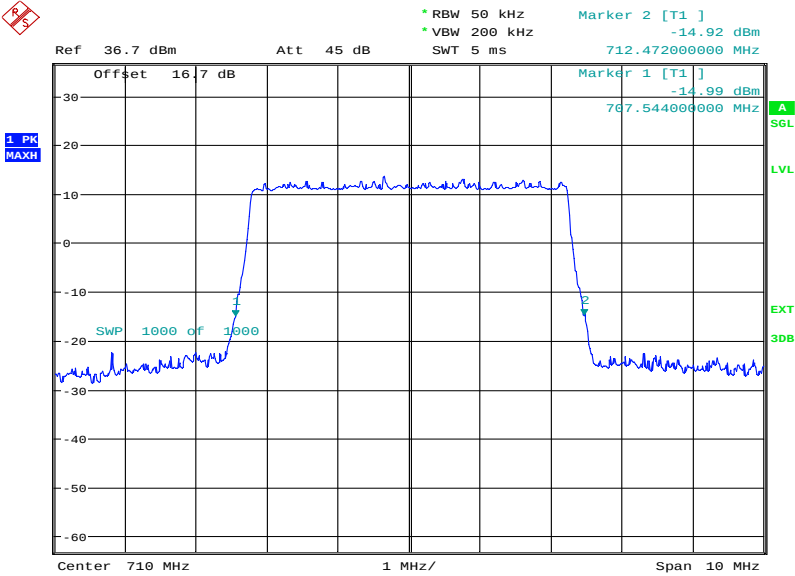


Date: 30.APR.2015 14:58:18



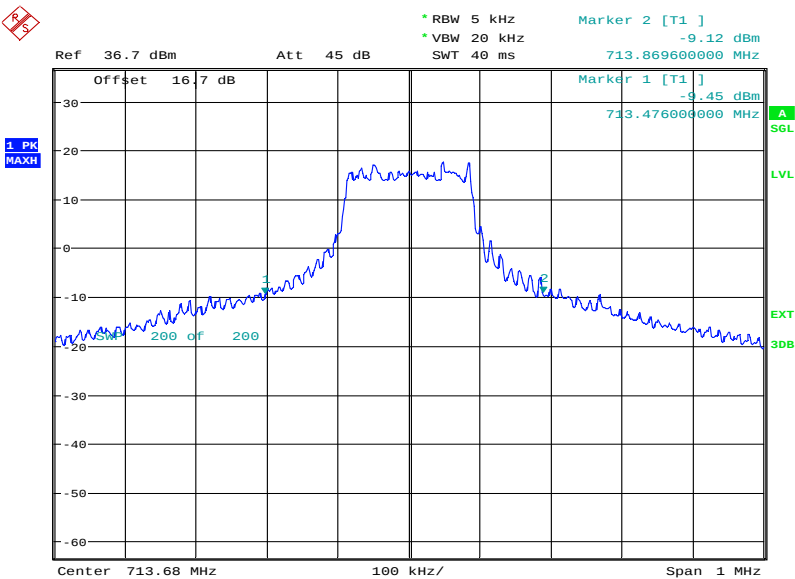
Product Service

LTE FDD 17, 710 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



Date: 30.APR.2015 15:12:09

LTE FDD 17, 713.5 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

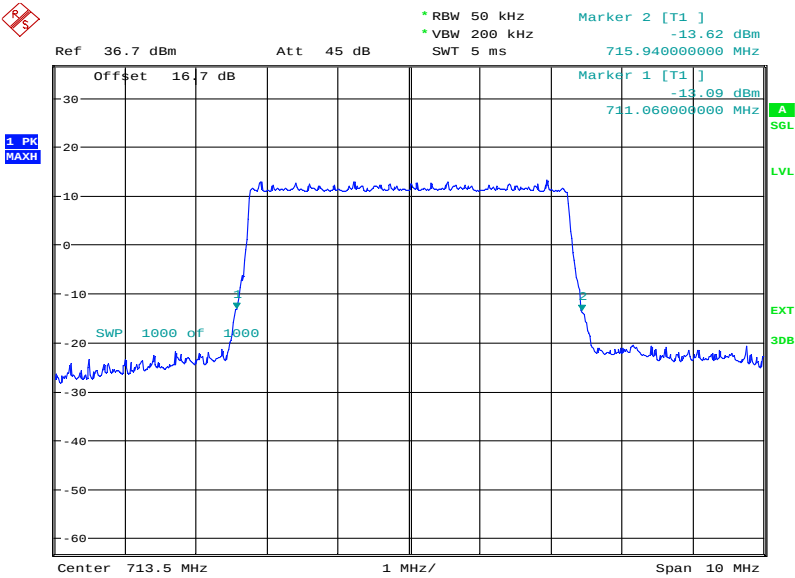


Date: 30.APR.2015 14:45:36



Product Service

LTE FDD 17, 713.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



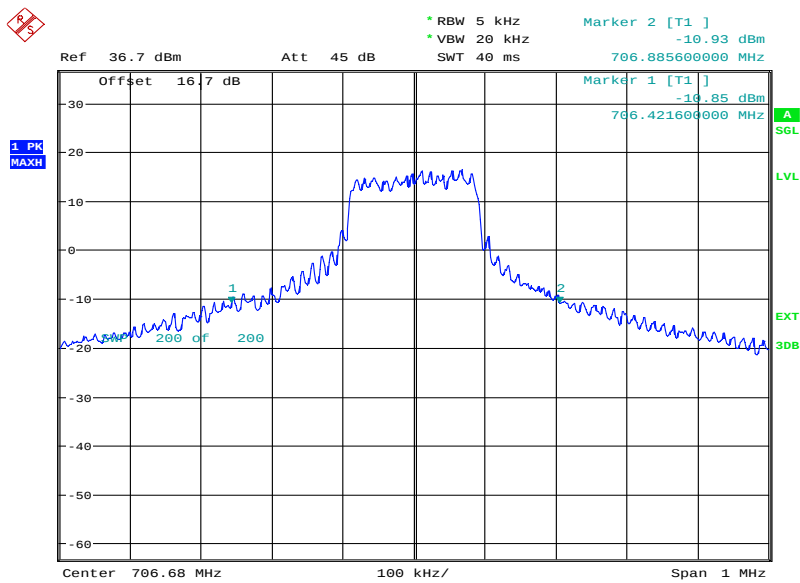
Date: 30.APR.2015 14:34:48



LTE FDD 17, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

26dB Bandwidth											
706.5 MHz				710.0 MHz				713.5 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	464.0	N/T	4880.0	N/T	432.0	N/T	4944.0	N/T	406.4	N/T	4944.0

LTE FDD 17, 706.5 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

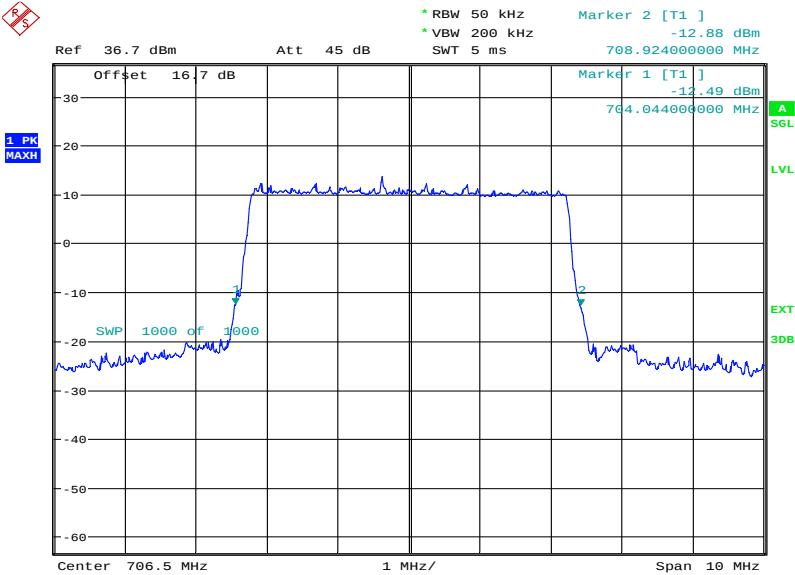


Date: 30.APR.2015 15:48:54



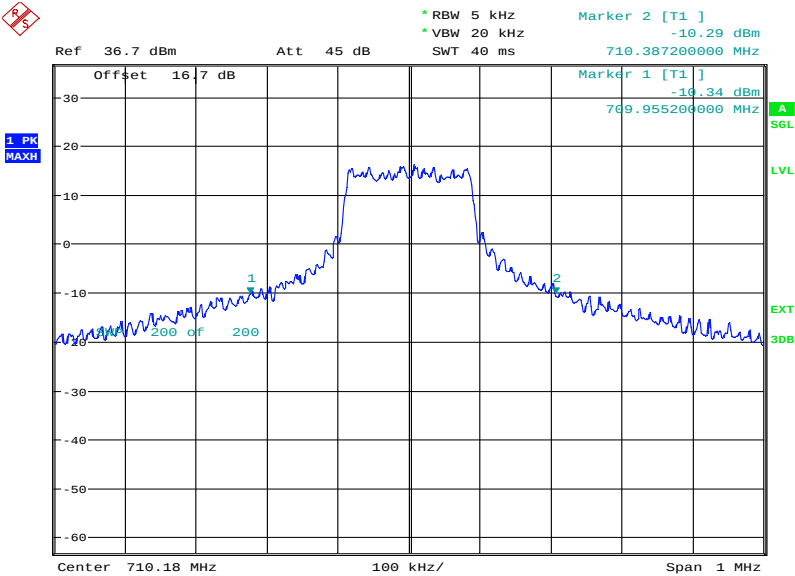
Product Service

LTE FDD 17, 706.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results



Date: 30.APR.2015 15:36:32

LTE FDD 17, 710 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

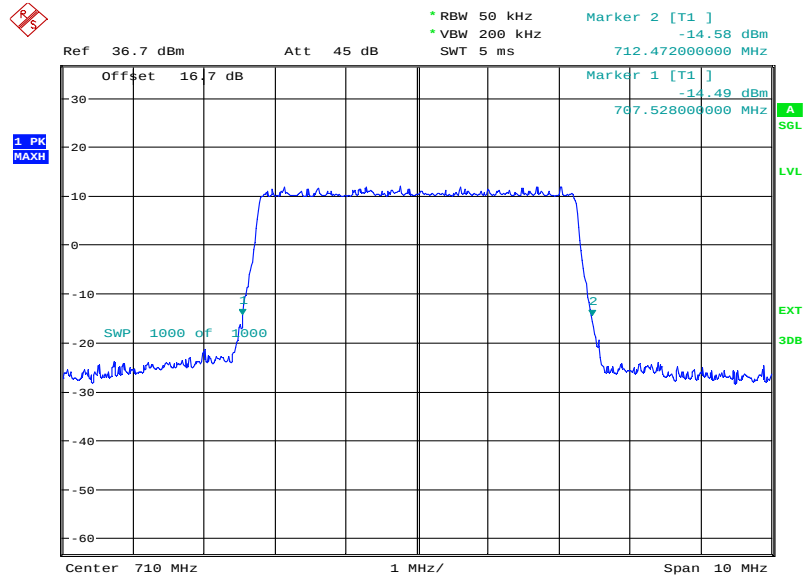


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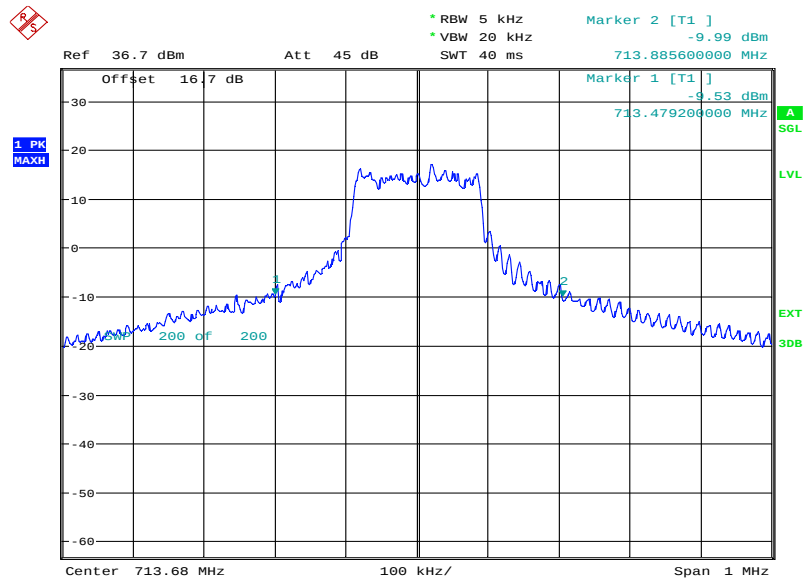
Product Service

LTE FDD 17, 710 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results



Date: 30.APR.2015 15:10:12

LTE FDD 17, 713.5 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

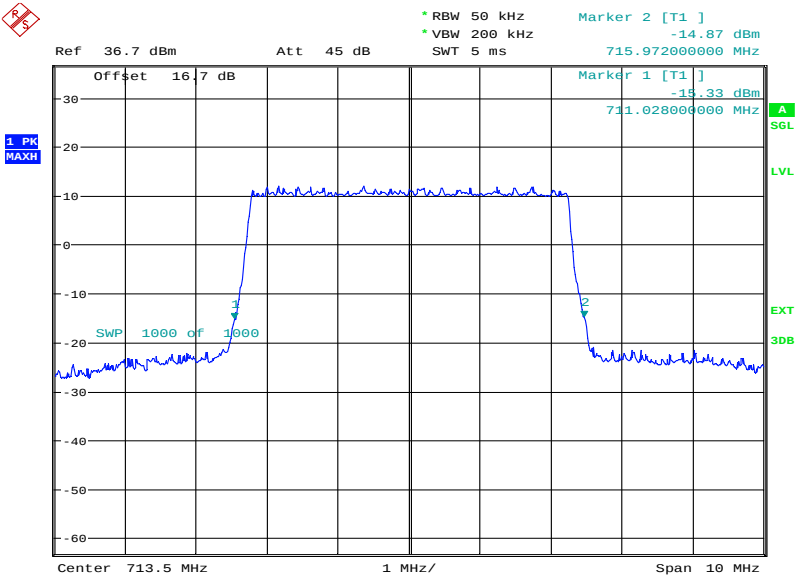


Date: 30.APR.2015 14:47:32



Product Service

LTE FDD 17, 713.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results



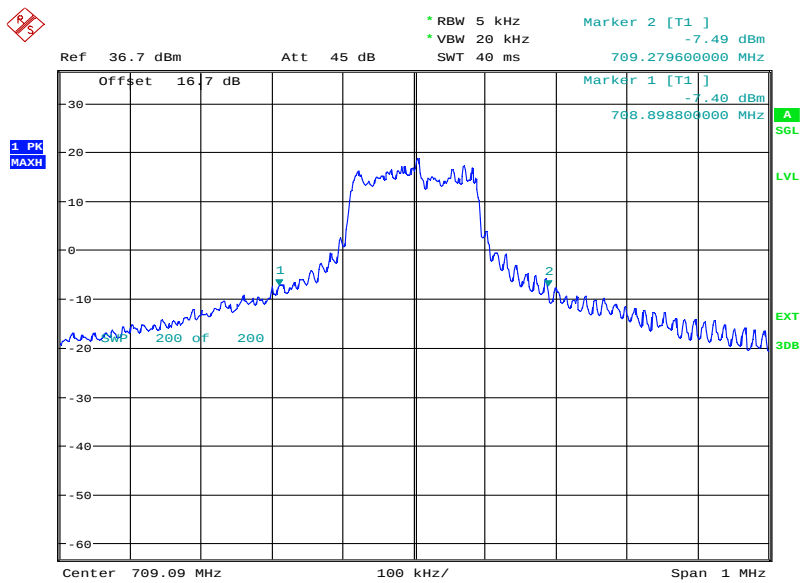
Date: 30.APR.2015 14:37:14



LTE FDD 17, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

26dB Bandwidth											
709.0 MHz				710.0 MHz				711.0 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	380.8	N/T	9792.0	N/T	398.4	N/T	9760.0	N/T	392.0	N/T	9792.0

LTE FDD 17, 709 MHz, 1 Resource Block - Middle, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

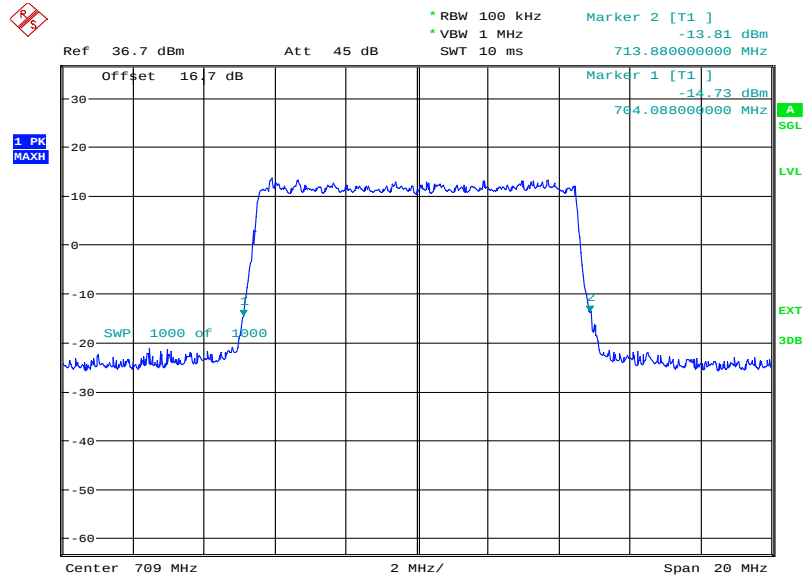


Date: 30.APR.2015 13:56:38



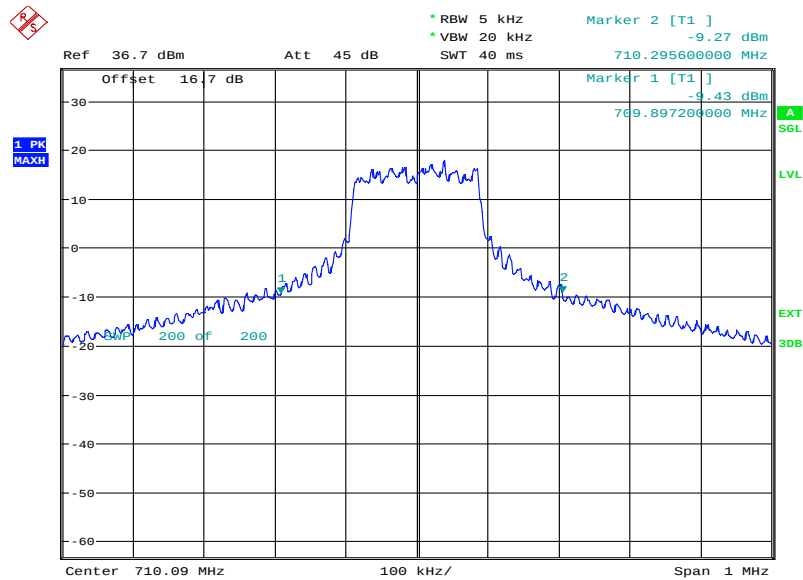
Product Service

LTE FDD 17, 709 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



Date: 30.APR.2015 13:45:39

LTE FDD 17, 710 MHz, 1 Resource Block - Middle, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

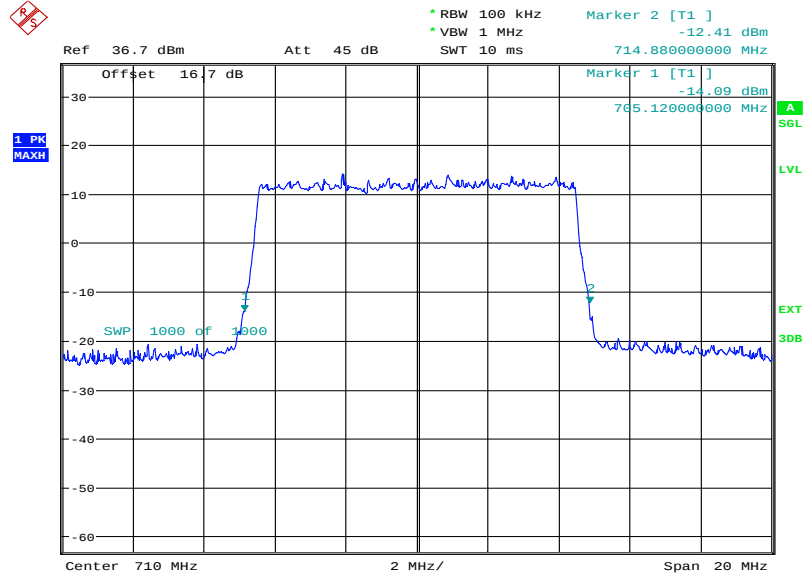


Date: 30.APR.2015 14:07:04



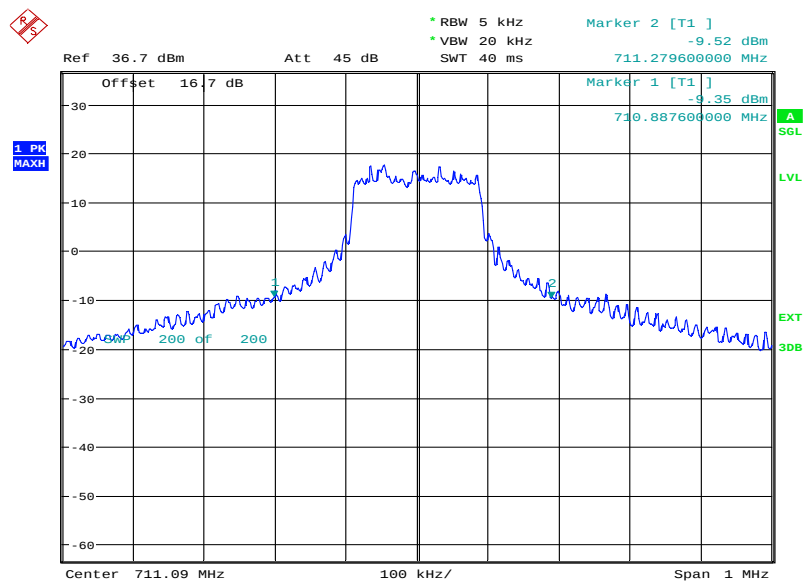
Product Service

LTE FDD 17, 710 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



Date: 30.APR.2015 14:13:46

LTE FDD 17, 711 MHz, 1 Resource Block - Middle, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

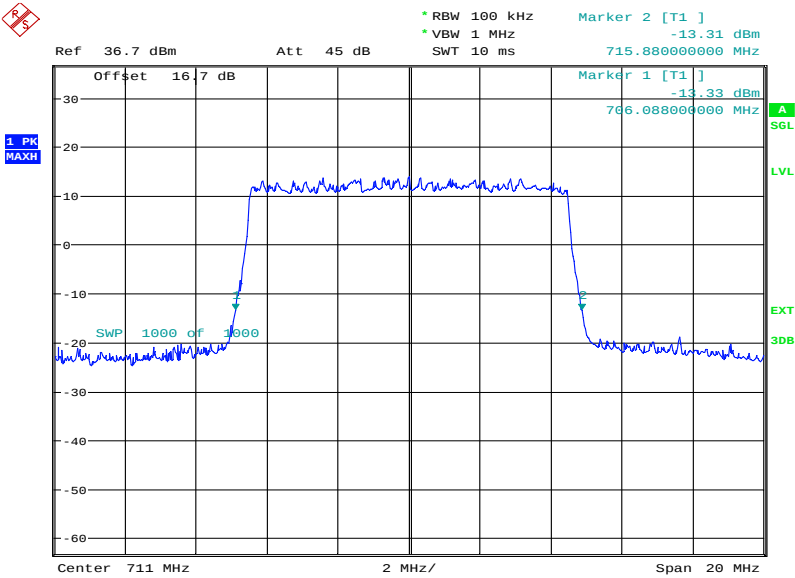


Date: 30.APR.2015 14:27:14



Product Service

LTE FDD 17, 711 MHz, All Resource Blocks, 10.0 MHz Bandwidth, QPSK, 26 dB Bandwidth
Results



Date: 30.APR.2015 14:16:50

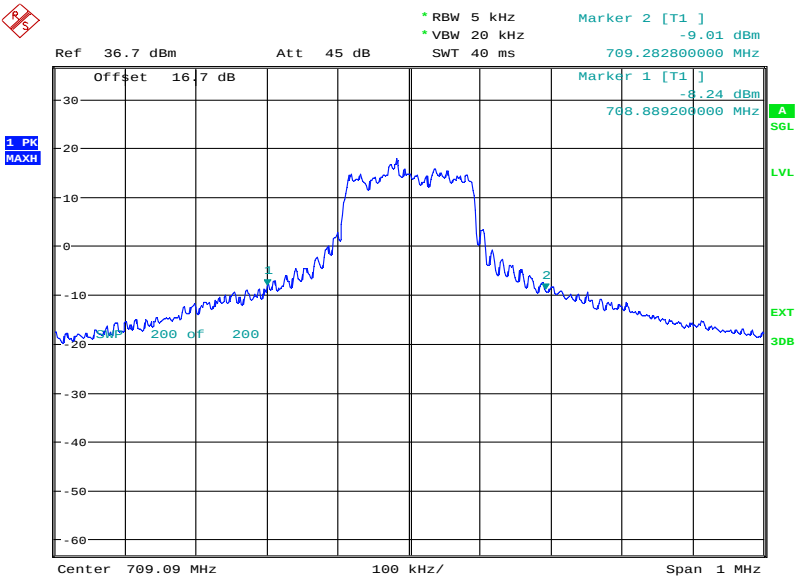


Product Service

LTE FDD 17, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

26dB Bandwidth											
709.0 MHz				710.0 MHz				711.0 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	393.6	N/T	9696.0	N/T	390.4	N/T	9728.0	N/T	436.8	N/T	9792.0

LTE FDD 17, 709 MHz, 1 Resource Block - Middle, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

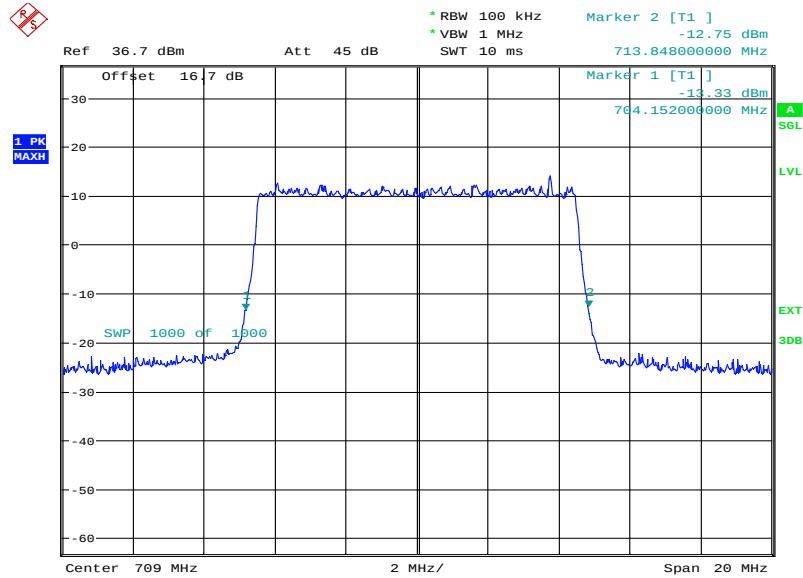


Date: 30.APR.2015 13:59:40



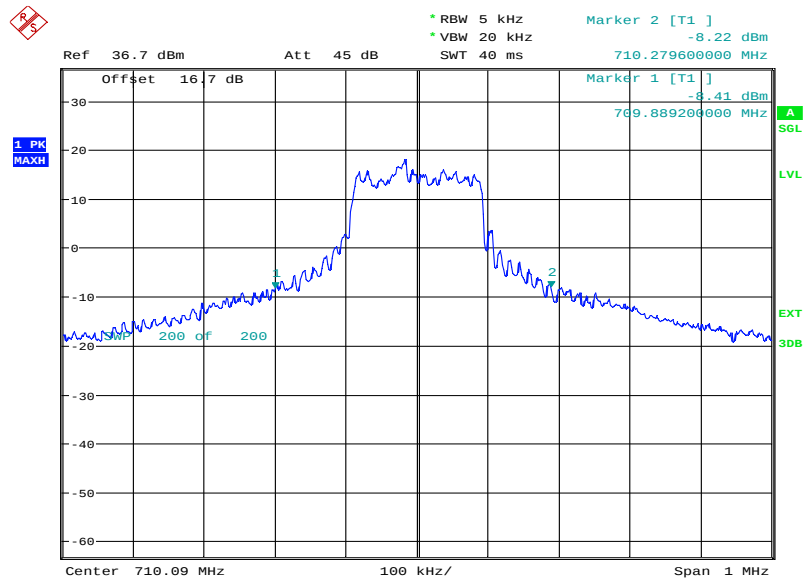
Product Service

LTE FDD 17, 709 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results



Date: 30.APR.2015 13:48:39

LTE FDD 17, 710 MHz, 1 Resource Block - Middle, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

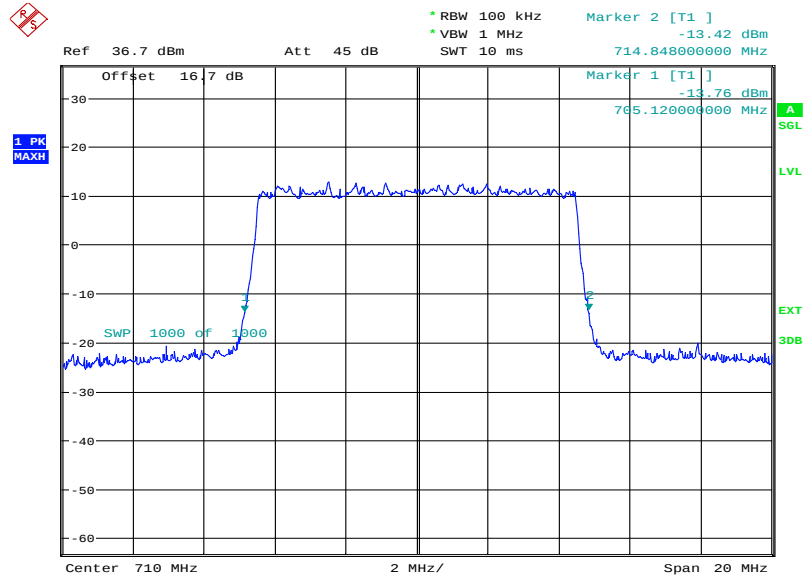


Date: 14.MAY.2015 09:09:41



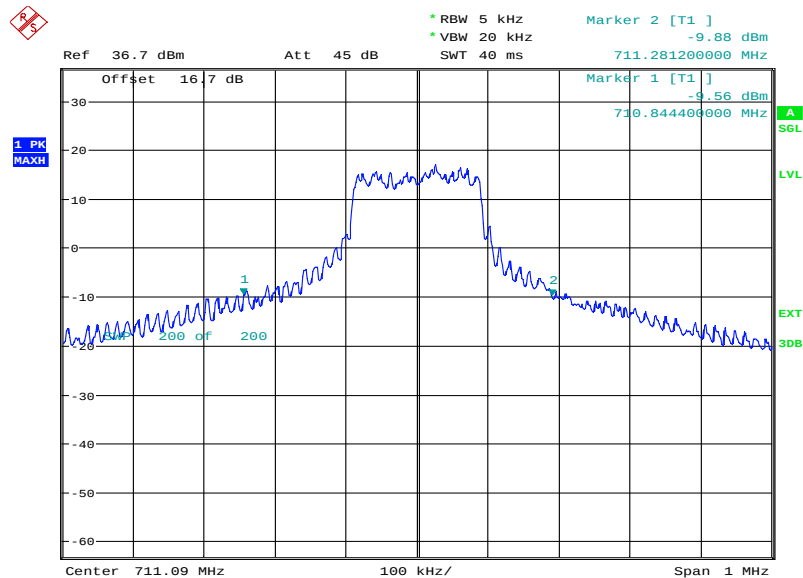
Product Service

LTE FDD 17, 710 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results



Date: 30.APR.2015 14:11:30

LTE FDD 17, 711 MHz, 1 Resource Block - Middle, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results

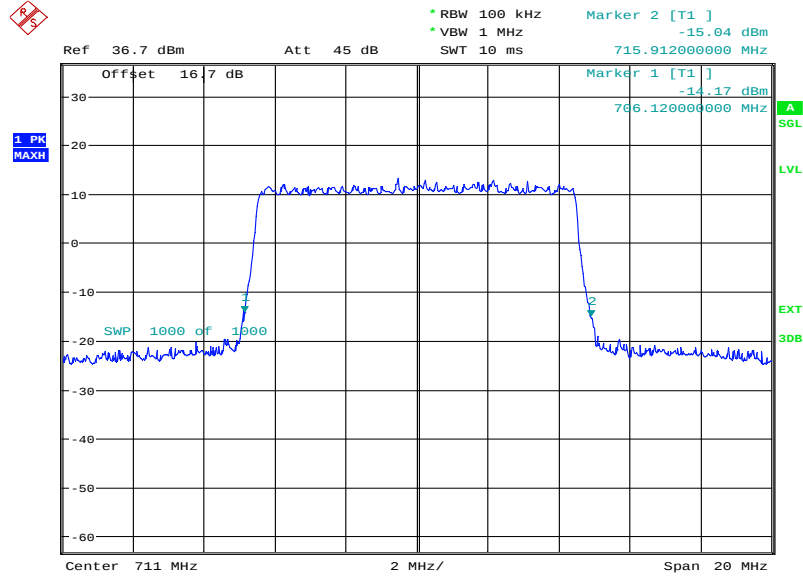


Date: 30.APR.2015 14:28:57



Product Service

LTE FDD 17, 711 MHz, All Resource Blocks, 10.0 MHz Bandwidth, 16-QAM, 26 dB Bandwidth Results



Date: 30.APR.2015 14:19:56

FCC 47 CFR Part 27, Limit Clause

None specified



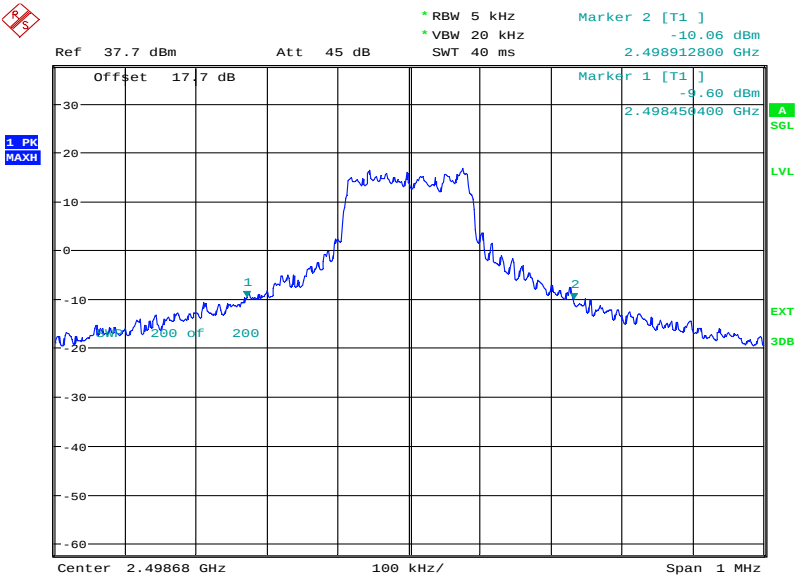
Product Service

4.0 V DC Supply

LTE TDD 41, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

26dB Bandwidth											
2498.5 MHz				2593.0 MHz				2687.5 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	462.4	N/T	4944.0	N/T	404.8	N/T	4912.0	N/T	446.4	N/T	4944.0

LTE TDD 41, 2498.5 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

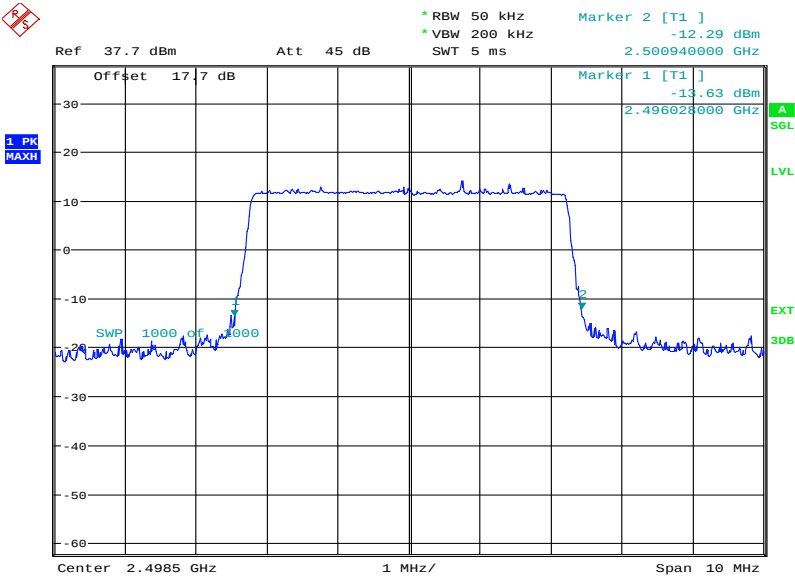


Date: 5.MAY.2015 14:02:13



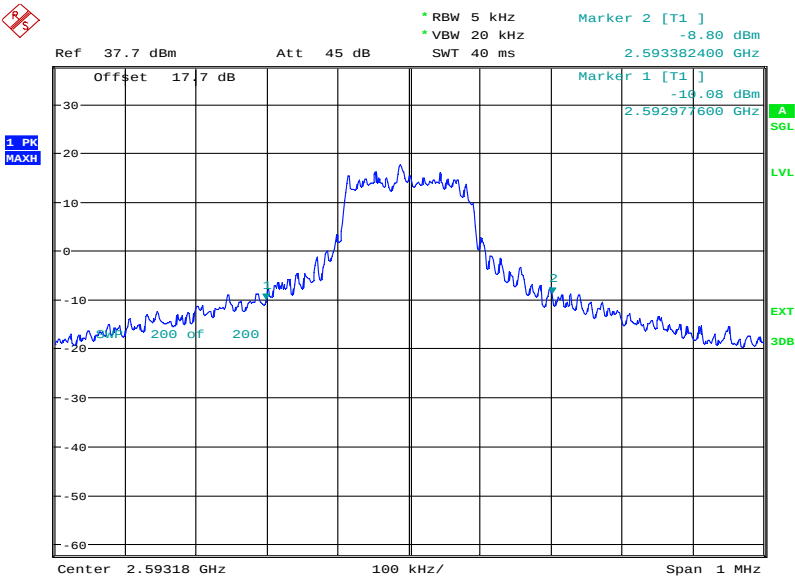
Product Service

LTE TDD 41, 2498.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



Date: 5.MAY.2015 13:56:40

LTE TDD 41, 2593 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

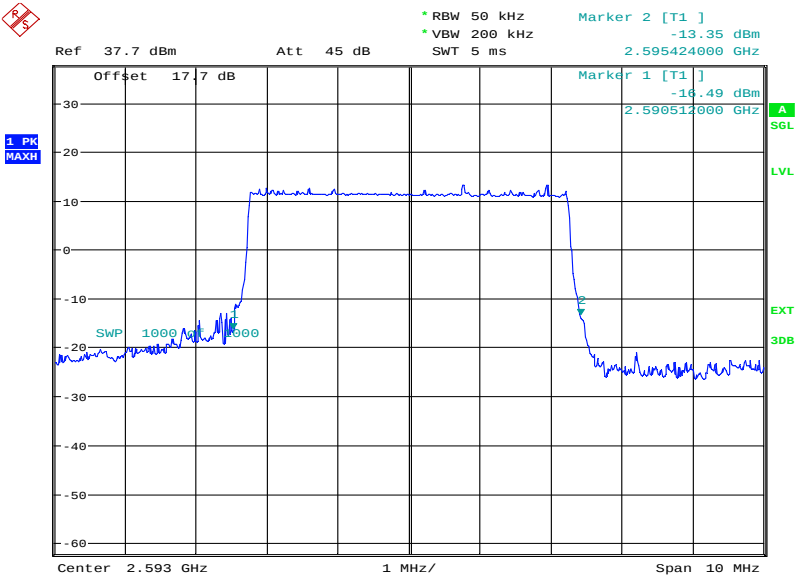


Date: 5.MAY.2015 13:47:20



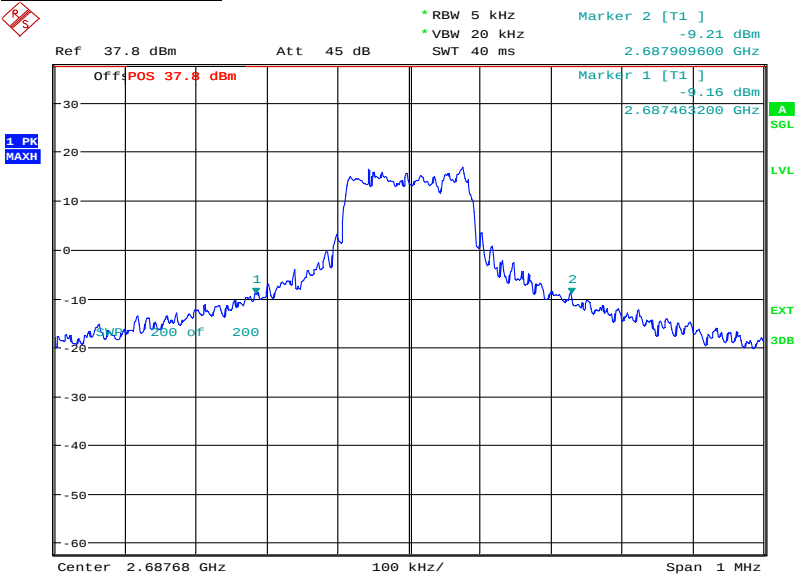
Product Service

LTE TDD 41, 2593 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results



Date: 5.MAY.2015 13:53:09

LTE TDD 41, 2687.5 MHz, 1 Resource Block - Middle, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth Results

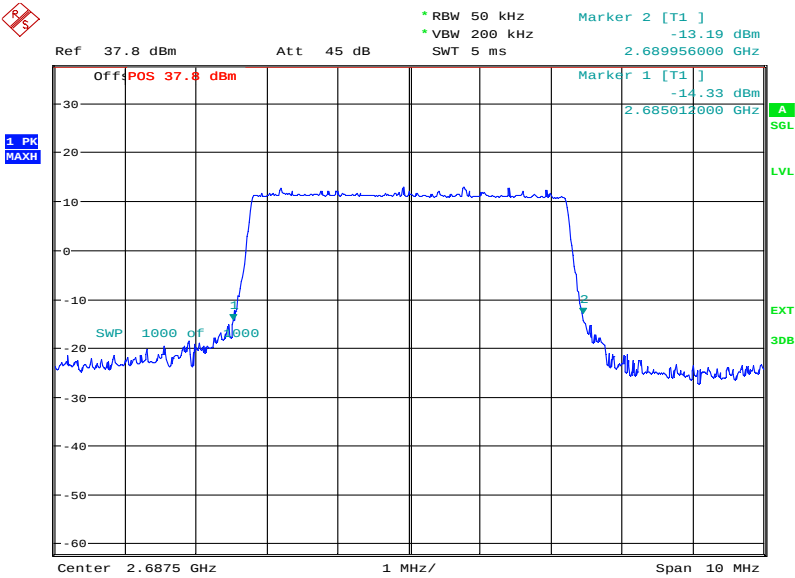


Date: 5.MAY.2015 13:38:15

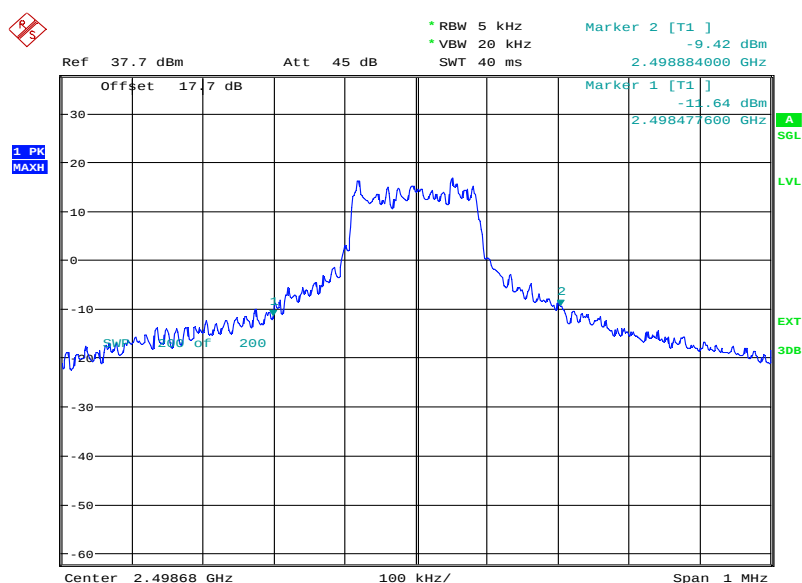


Product Service

LTE TDD 41, 2687.5 MHz, All Resource Blocks, 5.0 MHz Bandwidth, QPSK, 26 dB Bandwidth
Results



Date: 5.MAY.2015 13:32:21



Date: 5.MAY.2015 14:00:16