

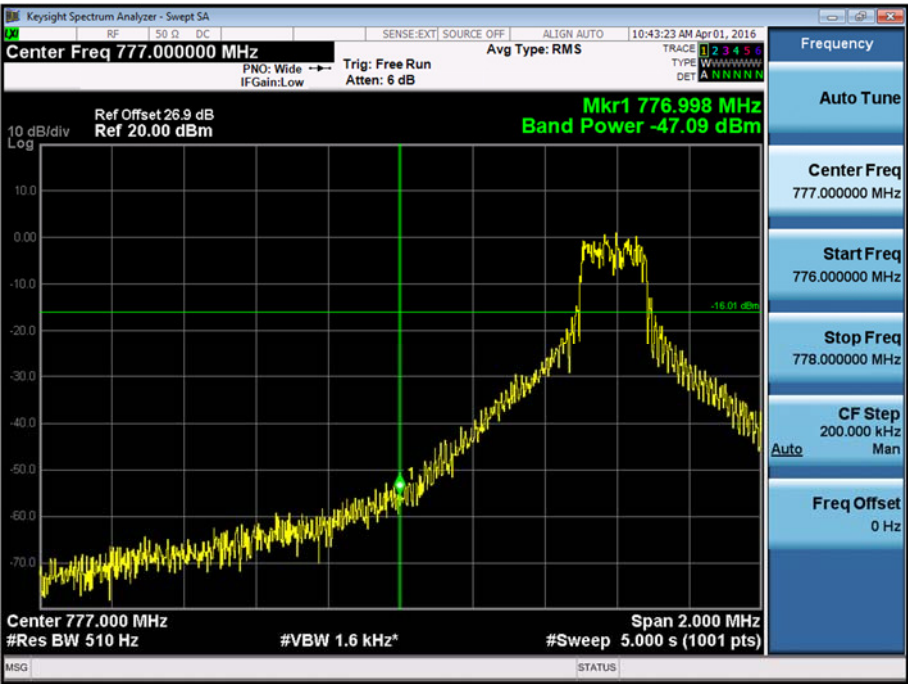


Product Service

10.0 MHz Bandwidth – 16-QAM

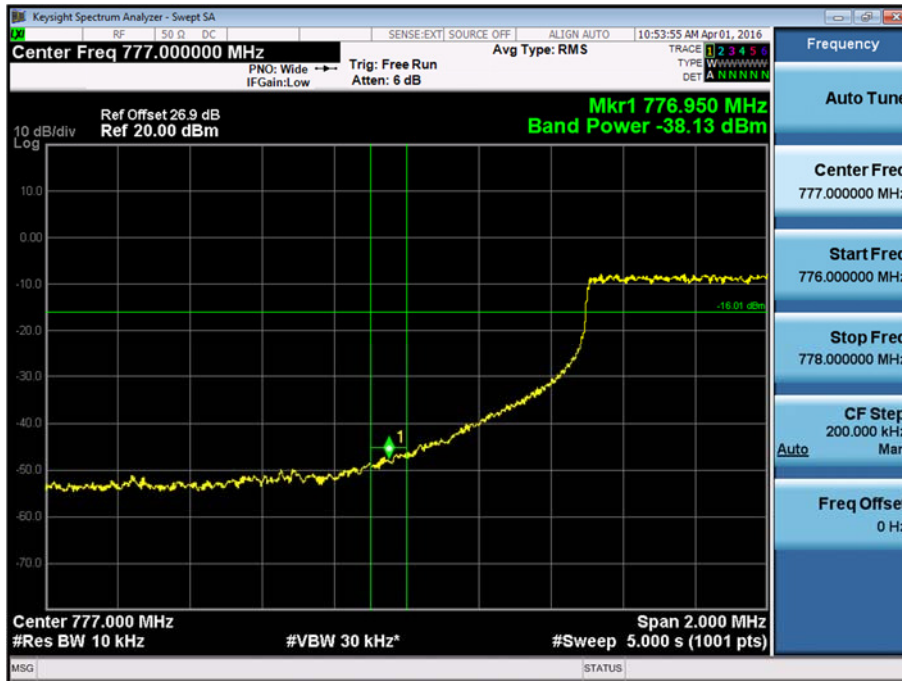
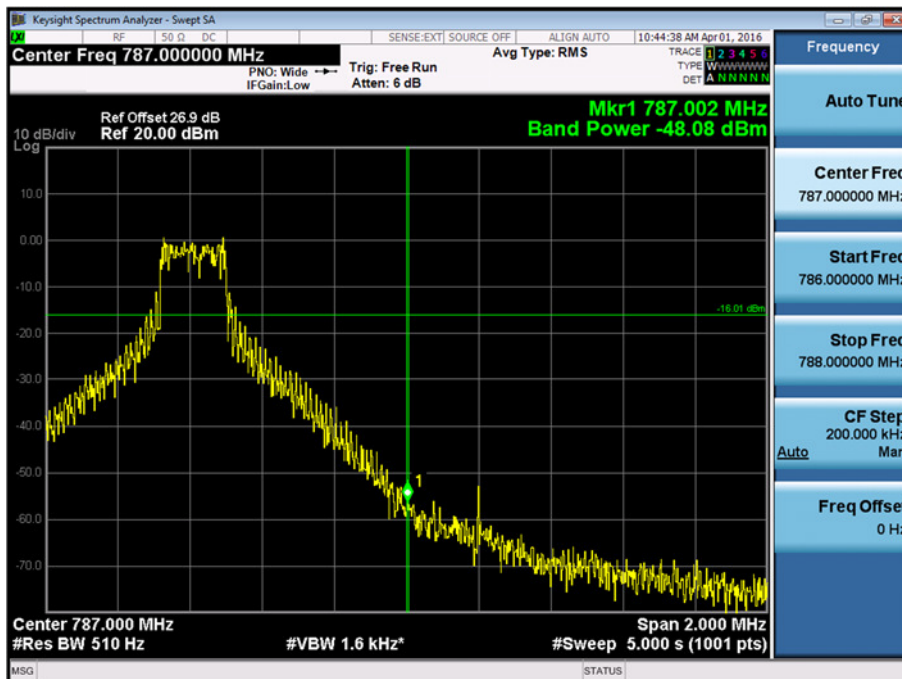
Band Edge (dBm)			
782.0 MHz			
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-47.09	-38.13	-48.08	-35.94

782.0 MHz - 1 Resource Block - Low





Product Service

782.0 MHz - All Resource Blocks782.0 MHz - 1 Resource Block - High



Product Service

782.0 MHz - All Resource Blocks



FCC 47 CFR Part 27 Limit Clause 27.53 (c)(2)

-13 dBm



Product Service

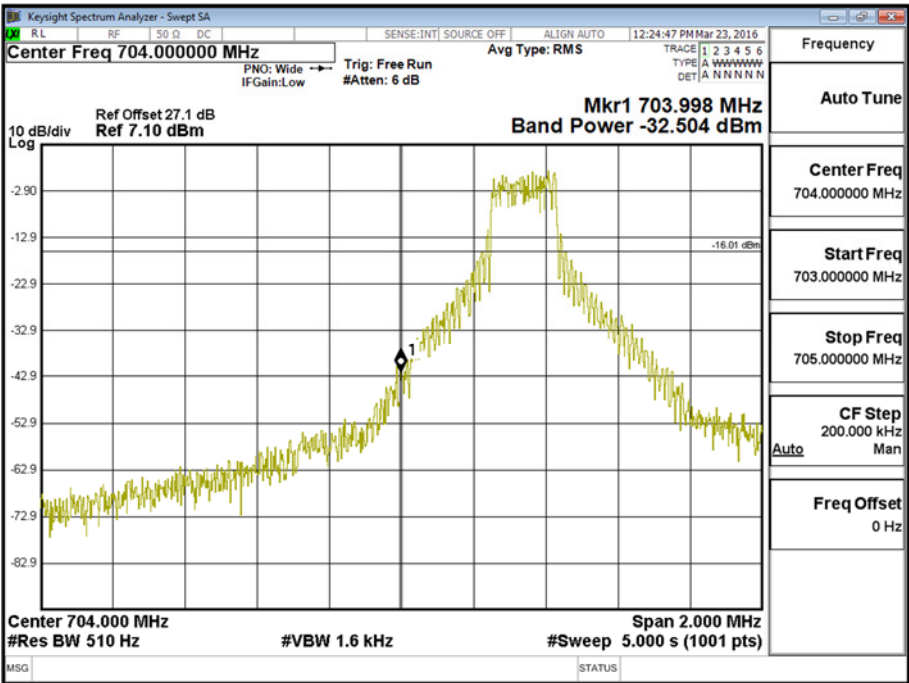
4.0 V DC Supply

LTE FDD17, Band Edge Results

5.0 MHz Bandwidth - QPSK

Band Edge (dBm)			
706.5 MHz		713.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-32.50	-35.08	-33.78	-31.43

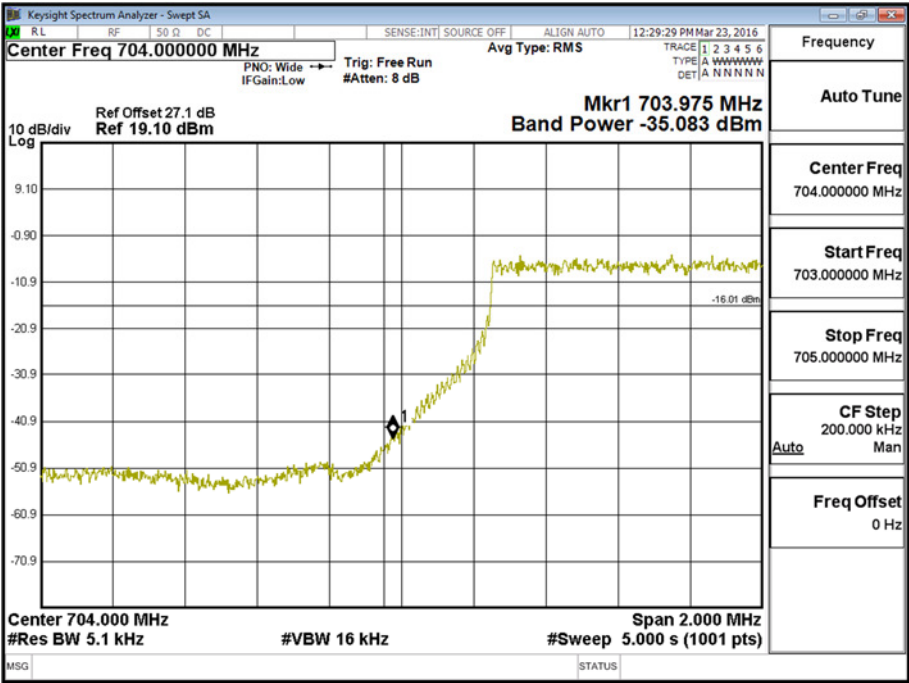
706.5 MHz - 1 Resource Block - Low



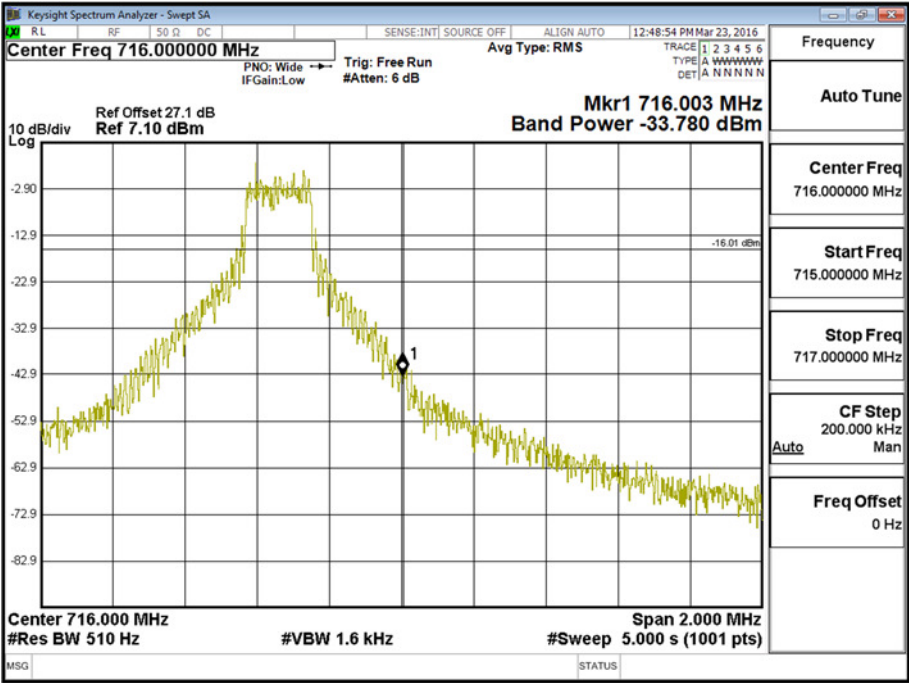


Product Service

706.5 MHz - All Resource Blocks



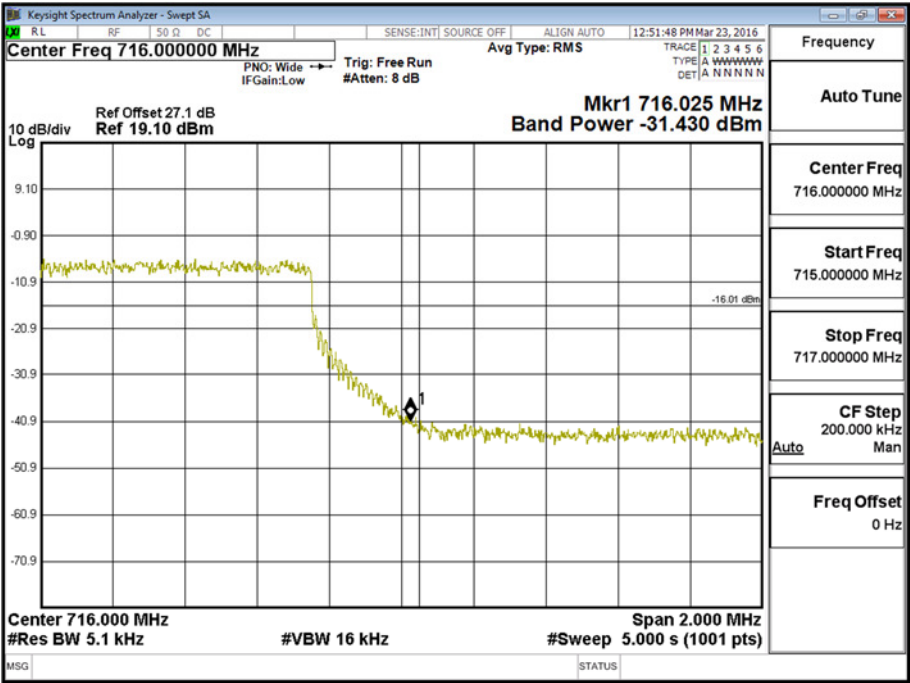
713.5 MHz - 1 Resource Block - High





Product Service

713.5 MHz - All Resource Blocks



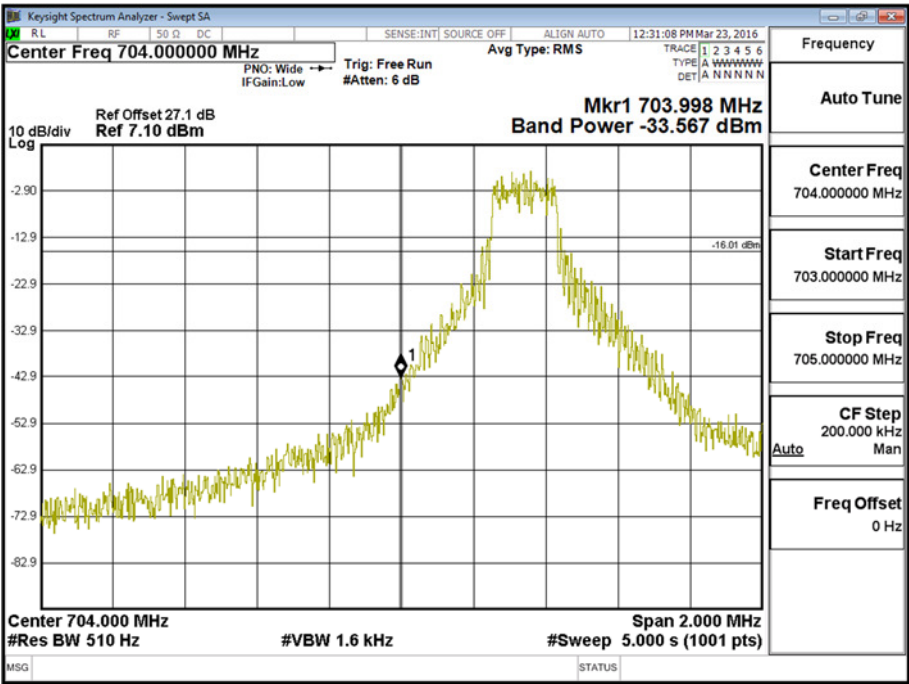


Product Service

5.0 MHz Bandwidth - 16-QAM

Band Edge (dBm)			
706.5 MHz		713.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-33.57	-36.08	-33.42	-32.30

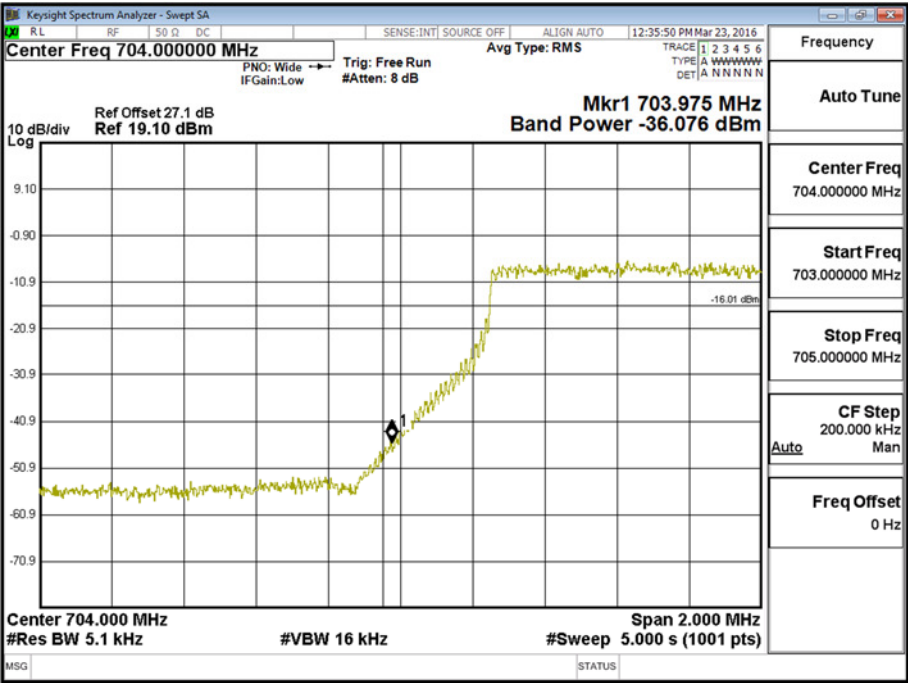
706.5 MHz - 1 Resource Block - Low



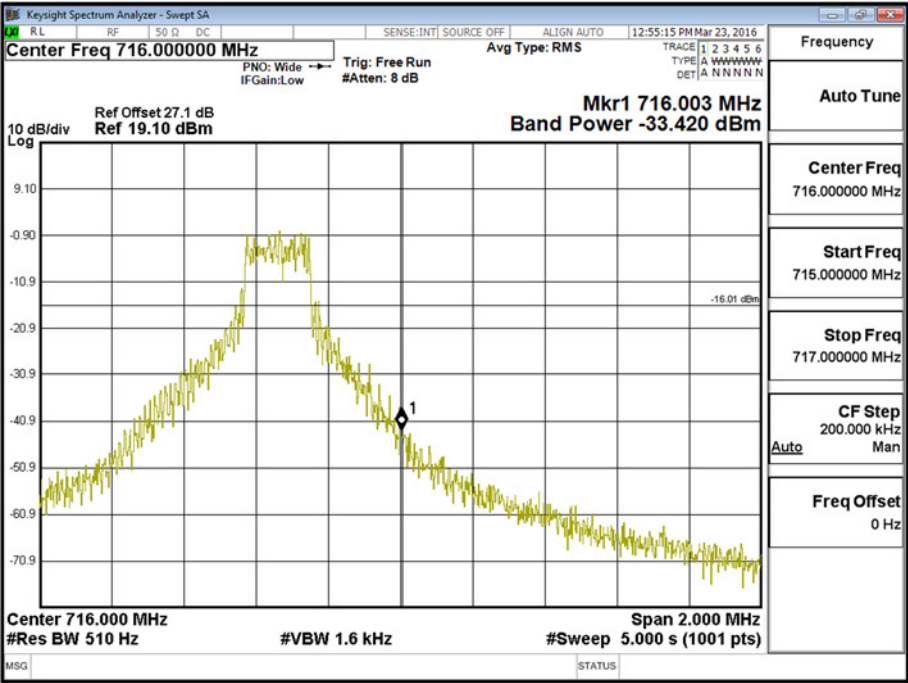


Product Service

706.5 MHz - All Resource Blocks



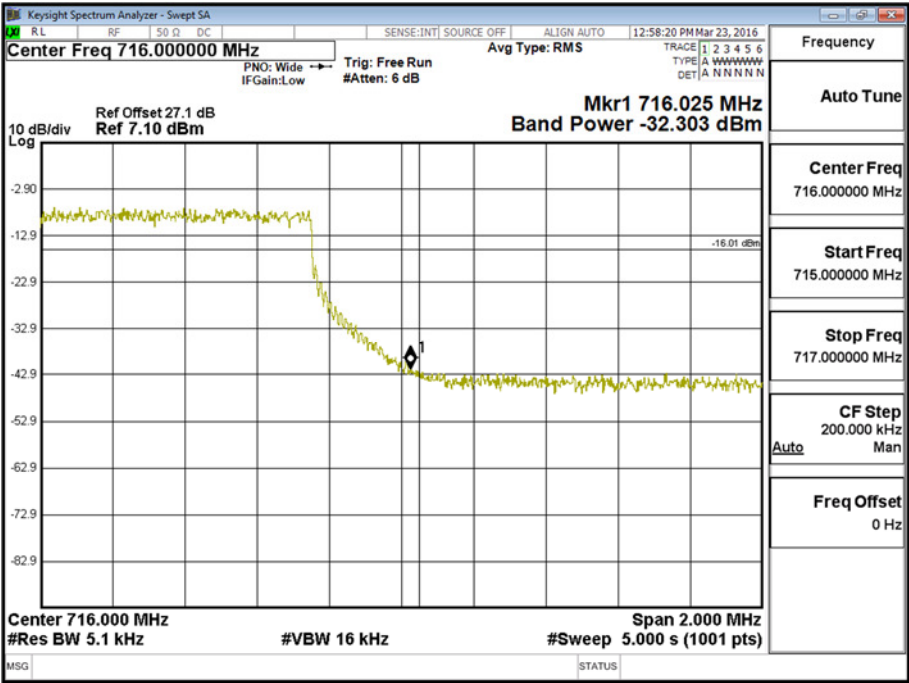
713.5 MHz - 1 Resource Block - High





Product Service

713.5 MHz - All Resource Blocks



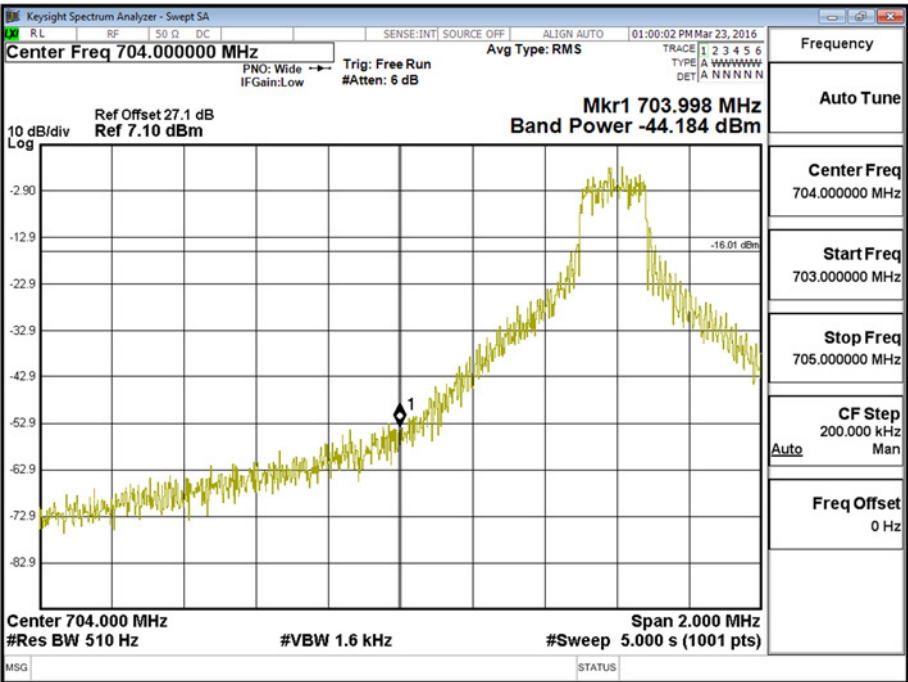


Product Service

10.0 MHz Bandwidth - QPSK

Band Edge (dBm)			
709.0 MHz		711.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-44.18	-29.01	-49.08	-32.60

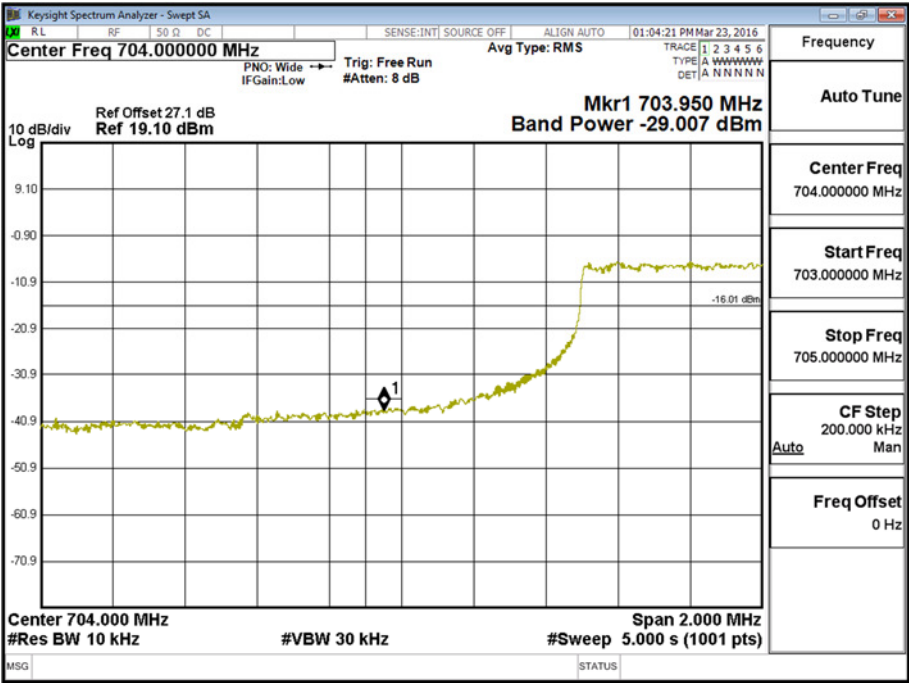
709 MHz - 1 Resource Block - Low



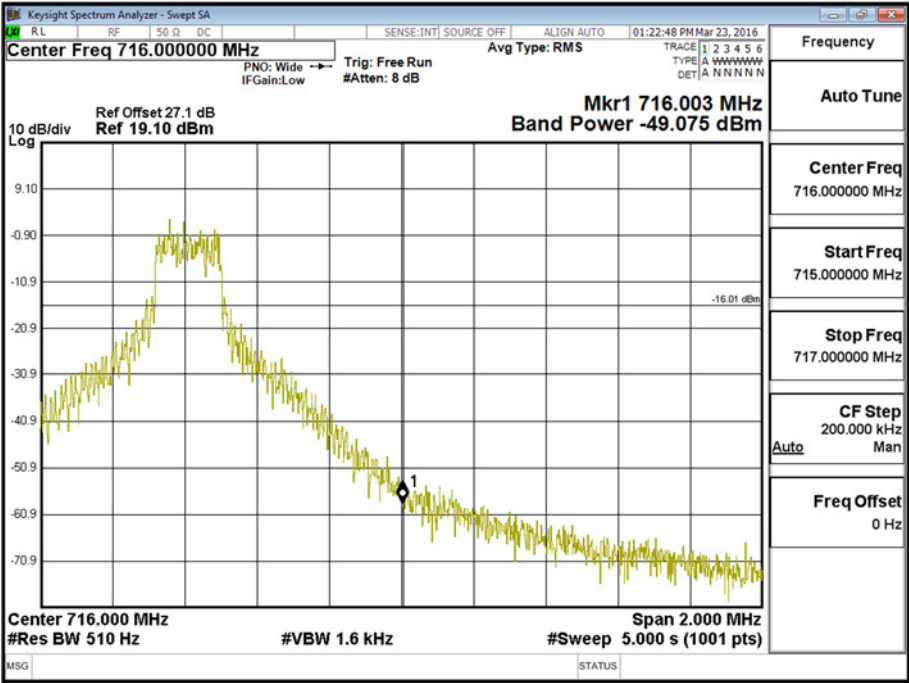


Product Service

709 MHz - All Resource Blocks



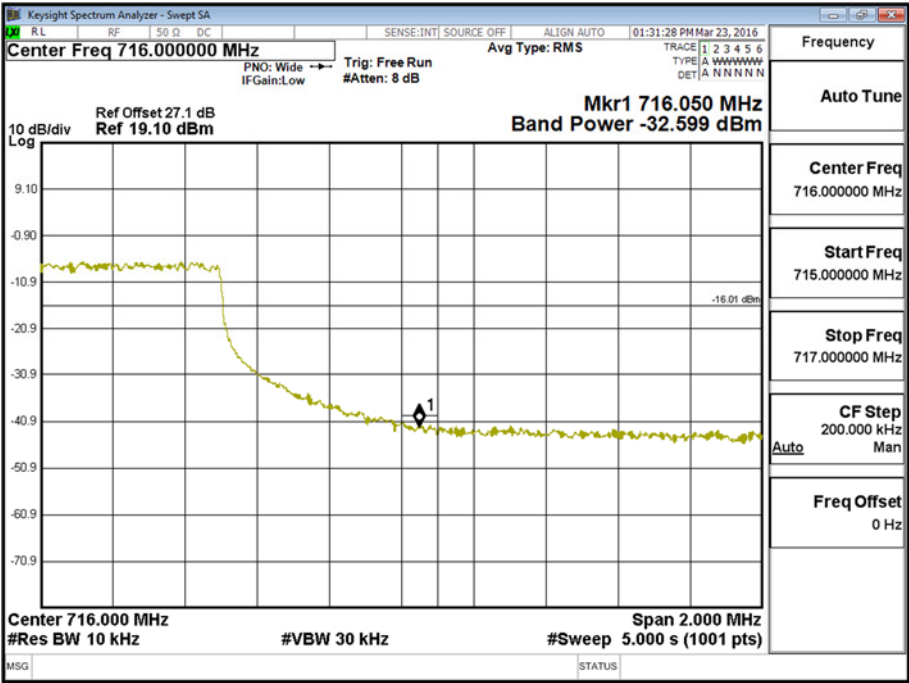
711 MHz - 1 Resource Block - High





Product Service

711 MHz - All Resource Blocks



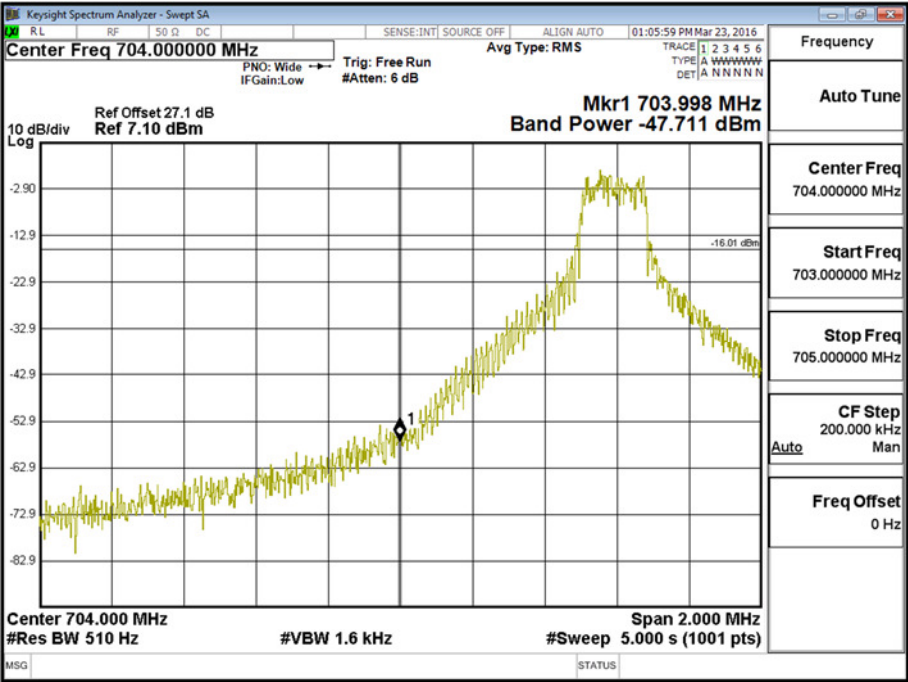


Product Service

10.0 MHz Bandwidth - 16-QAM

Band Edge (dBm)			
709.0 MHz		711.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-47.71	-31.15	-45.36	-33.60

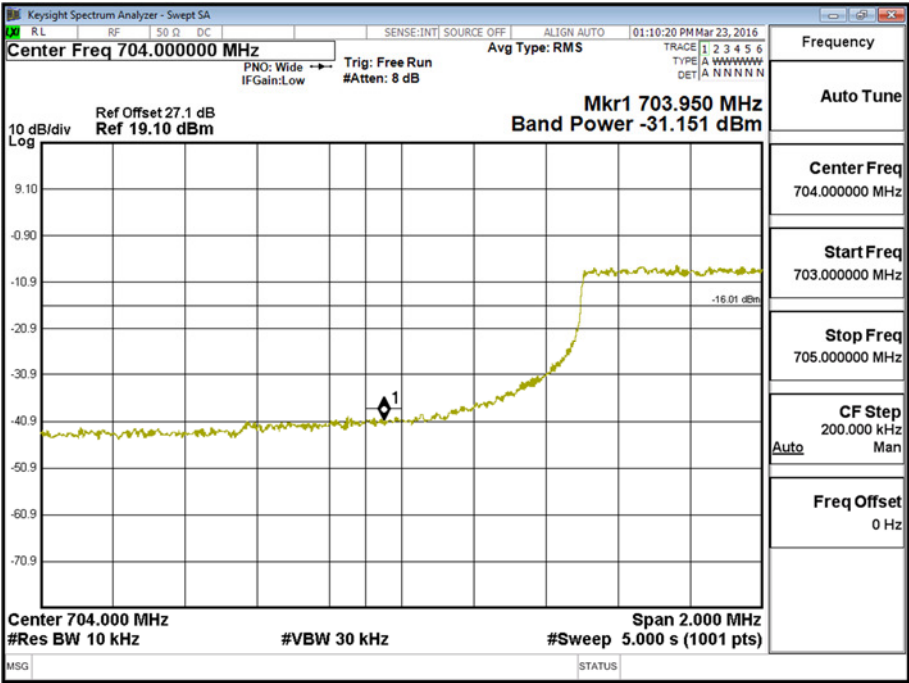
709 MHz - 1 Resource Block - Low



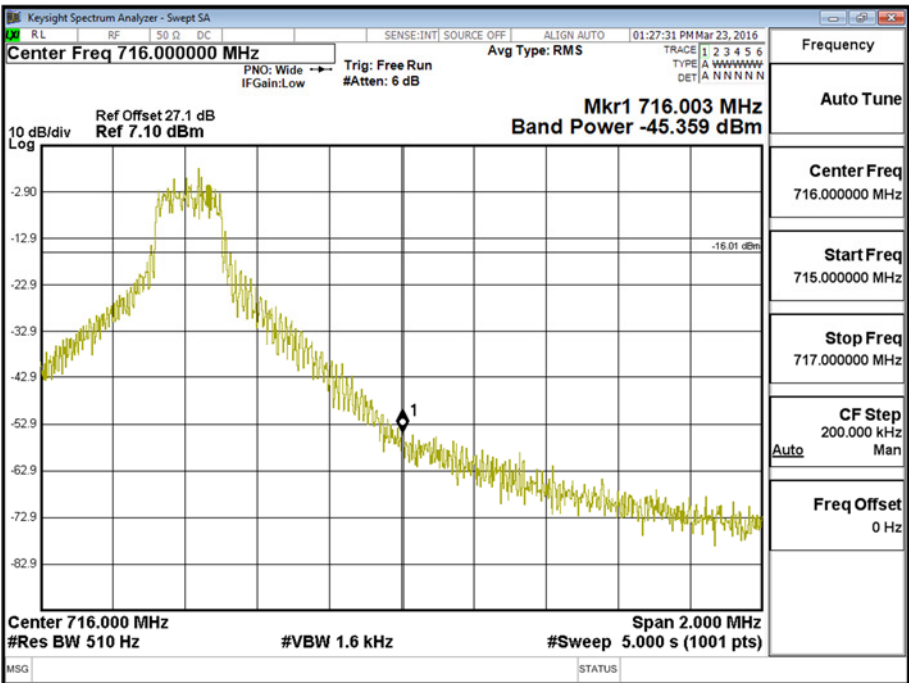


Product Service

709 MHz - All Resource Blocks



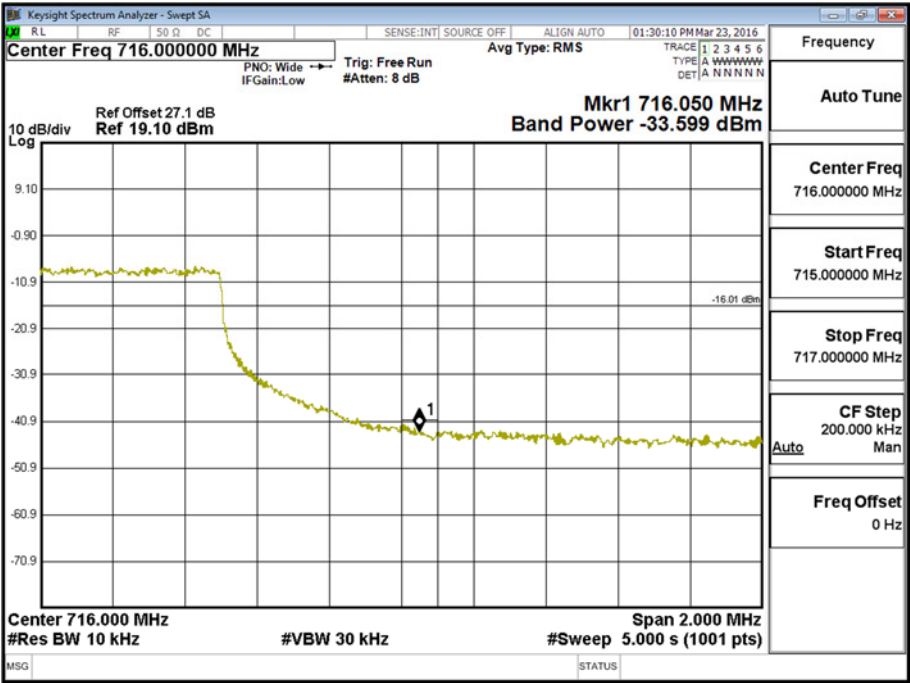
711 MHz - 1 Resource Block - High





Product Service

711 MHz - All Resource Blocks



FCC 47 CFR Part 27 Limit Clause 27.53 (g)

-13 dBm



Product Service

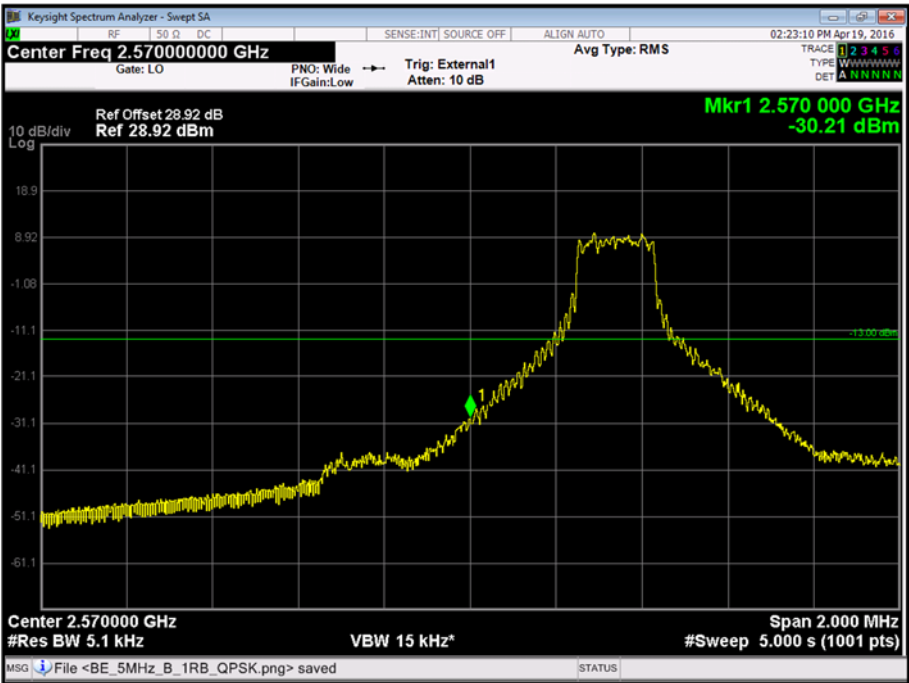
4.0 V DC Supply

LTE TDD38, Band Edge Results

5.0 MHz Bandwidth - QPSK

Band Edge (dBm)			
2572.5 MHz		2617.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-30.21	-27.57	-30.50	-26.68

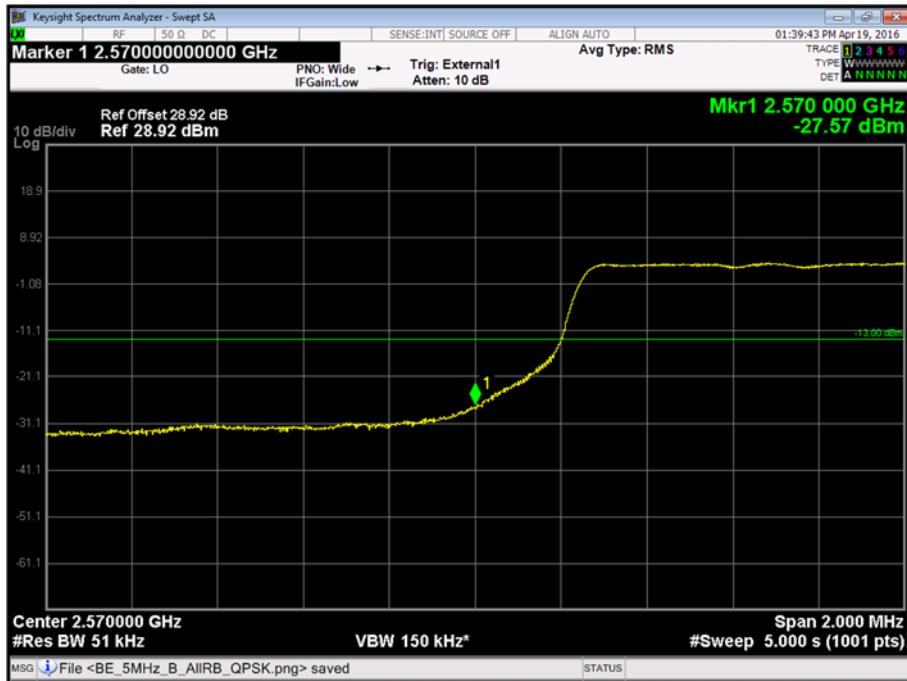
2572.5 MHz - 1 Resource Block - Low



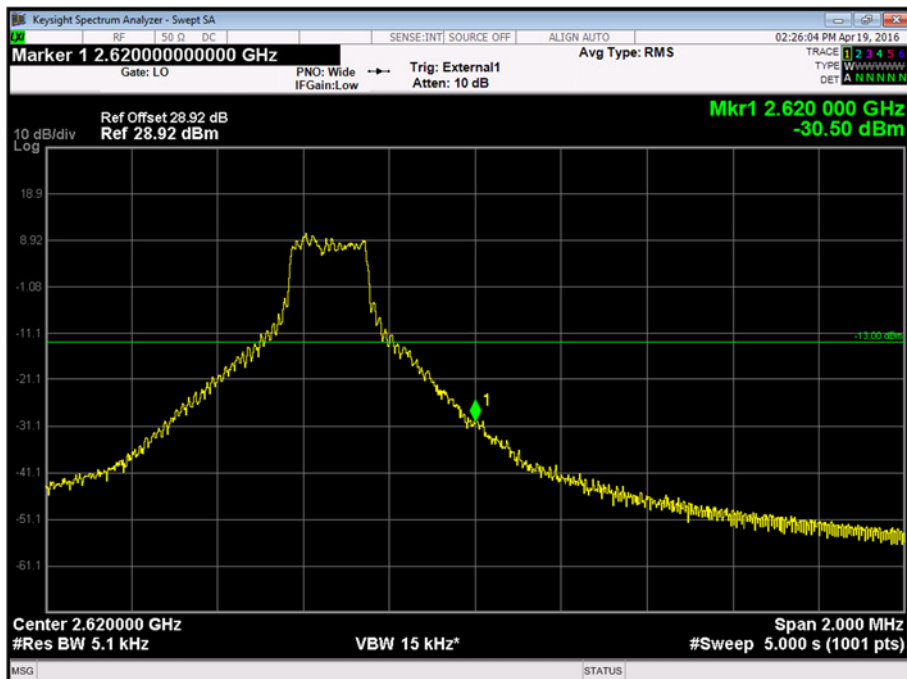


Product Service

2572.5 MHz - All Resource Blocks



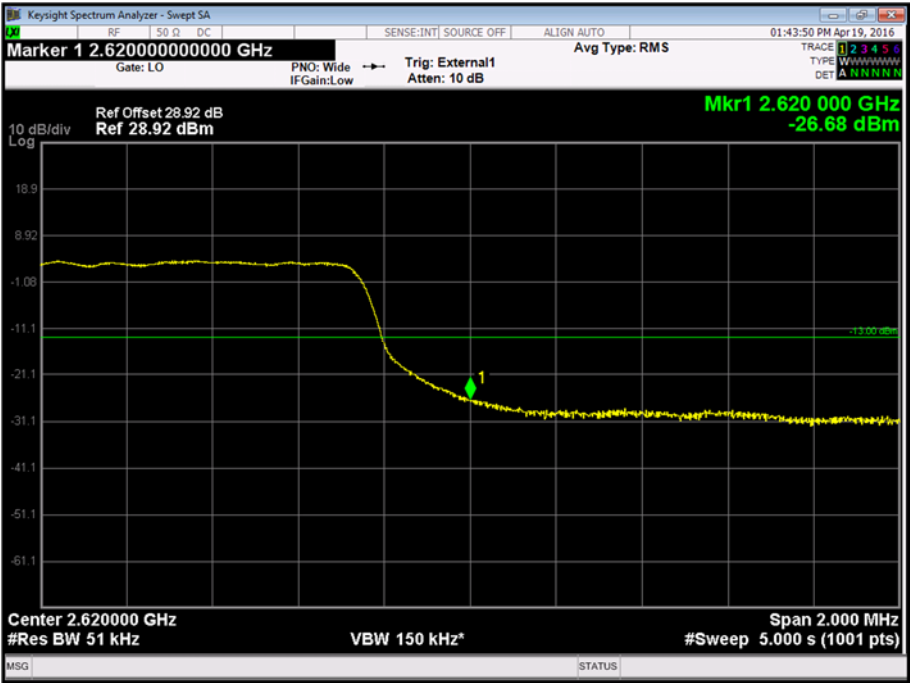
2617.5 MHz - 1 Resource Block - High





Product Service

2617.5 MHz - All Resource Blocks



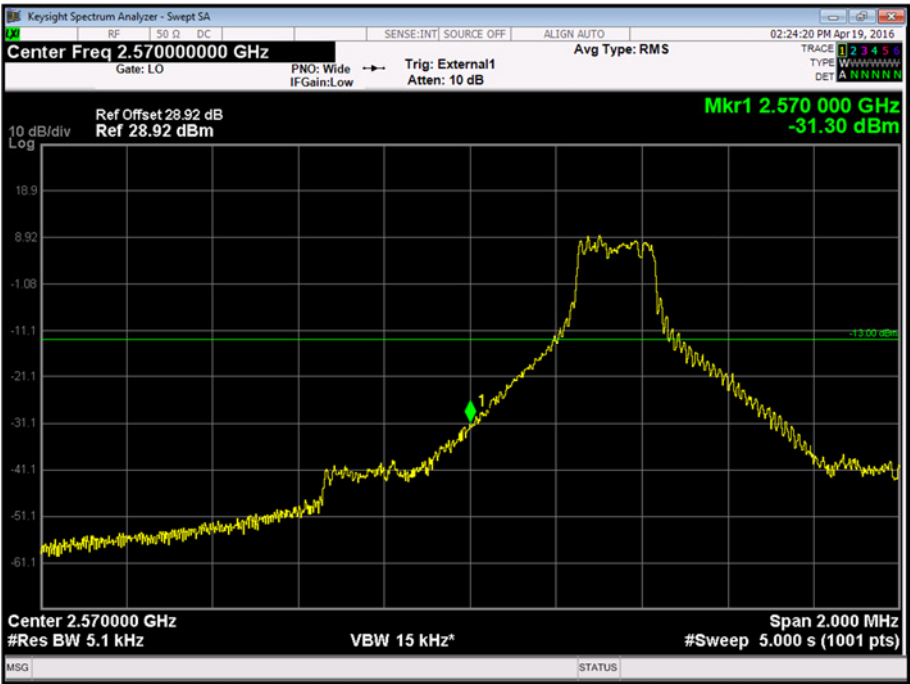


Product Service

5.0 MHz Bandwidth - 16-QAM

Band Edge (dBm)			
2572.5 MHz		2617.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-31.30	-28.81	-30.29	-28.77

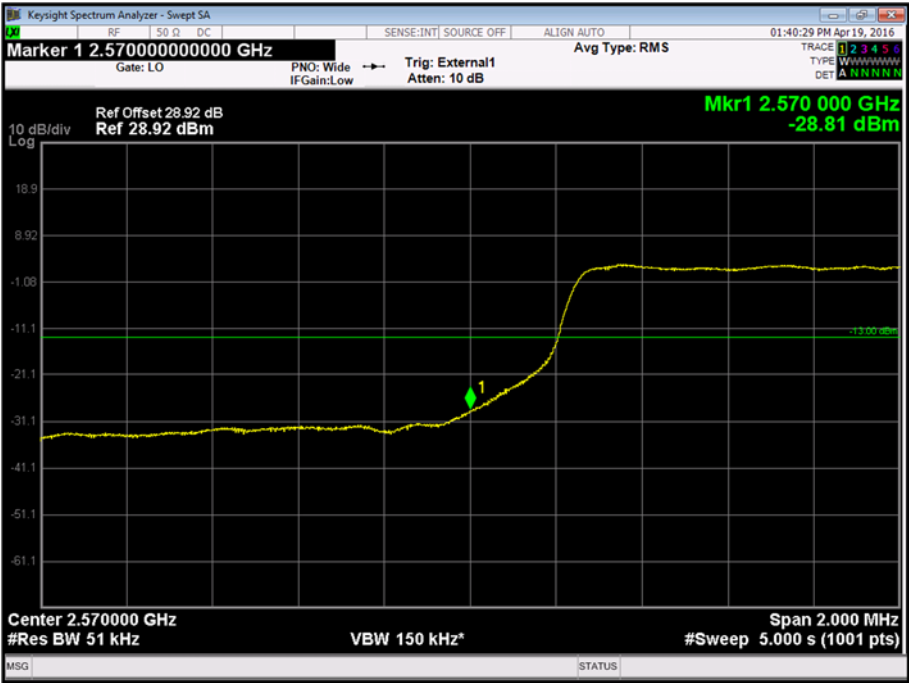
2572.5 MHz - 1 Resource Block - Low



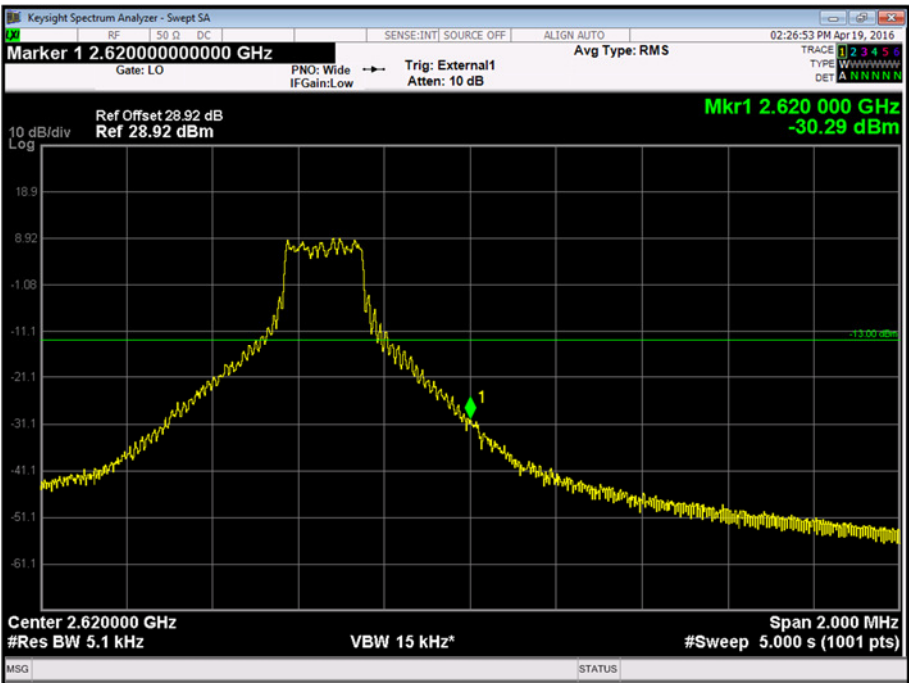


Product Service

2572.5 MHz - All Resource Blocks



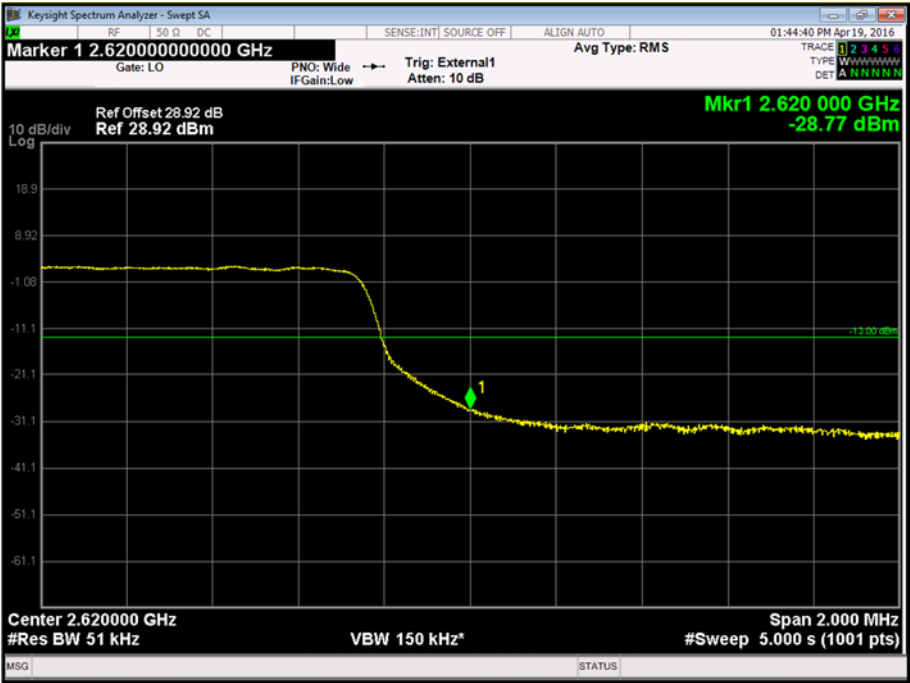
2617.5 MHz - 1 Resource Block - High





Product Service

2617.5 MHz - All Resource Blocks



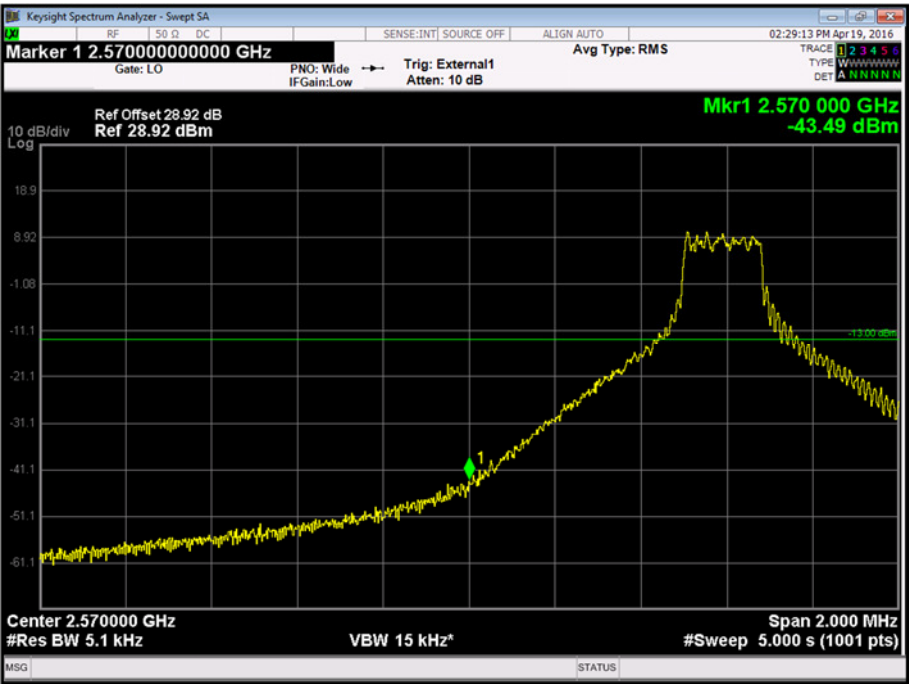


Product Service

10.0 MHz Bandwidth - QPSK

Band Edge (dBm)			
2575 MHz		2615 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-43.49	-28.28	-41.22	-27.23

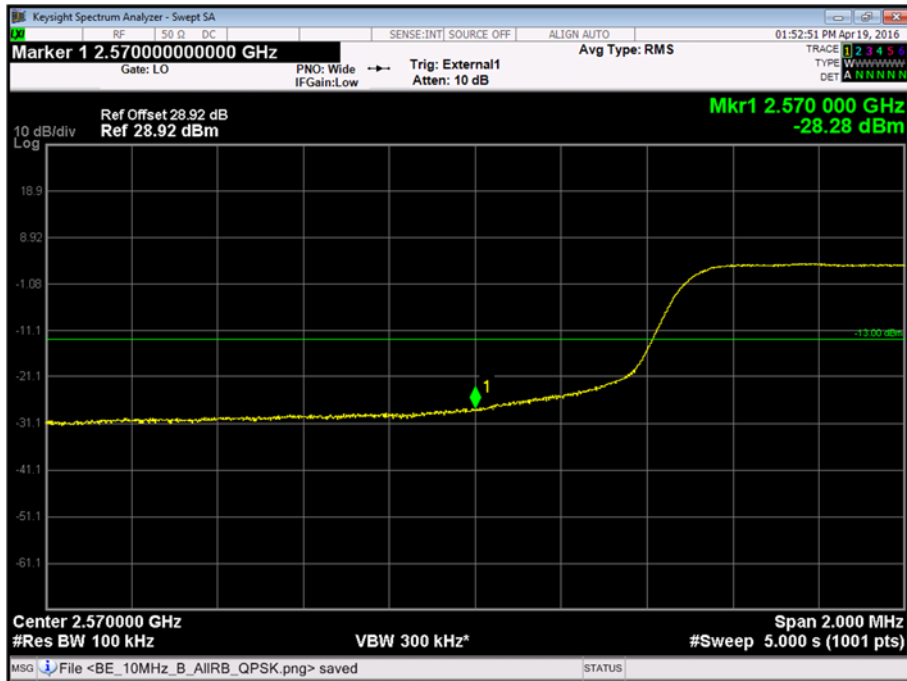
2575 MHz - 1 Resource Block - Low



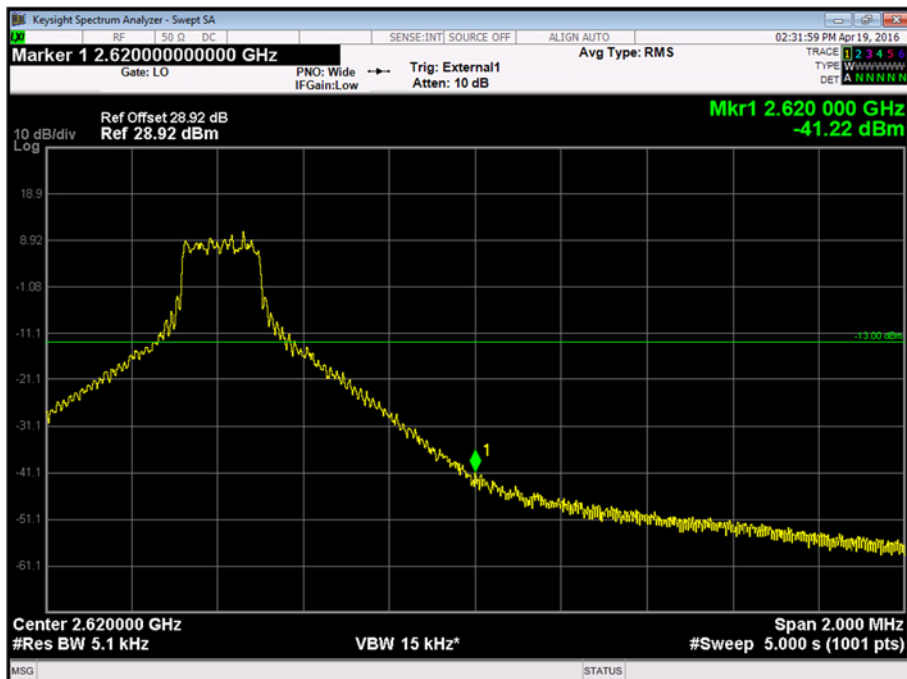


Product Service

2575 MHz - All Resource Blocks



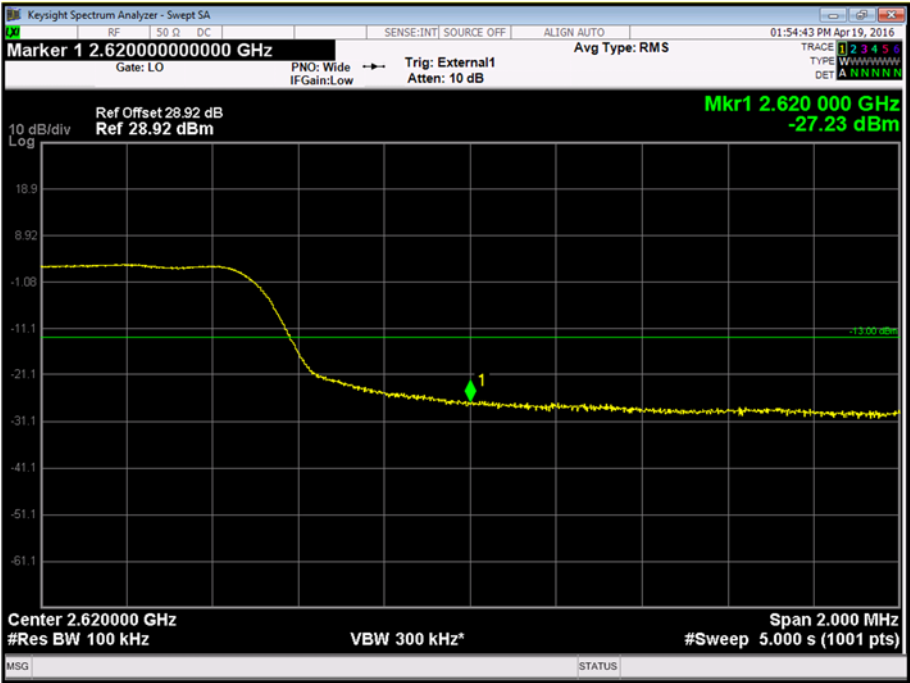
2615 MHz - 1 Resource Block - High





Product Service

2615 MHz - All Resource Blocks



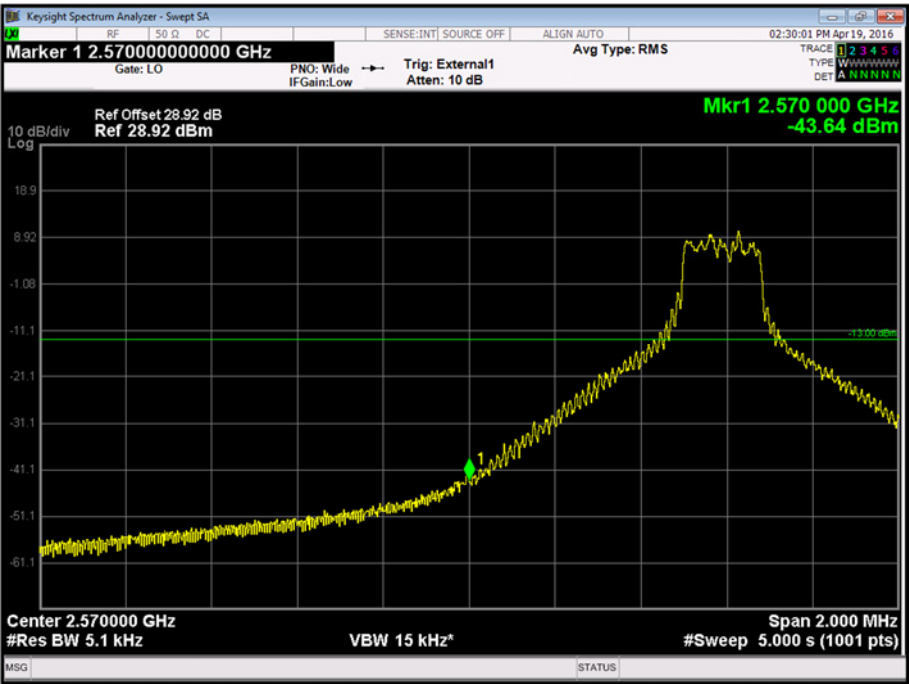


Product Service

10.0 MHz Bandwidth - 16-QAM

Band Edge (dBm)			
2575 MHz		2615 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-43.64	-29.61	-43.46	-30.07

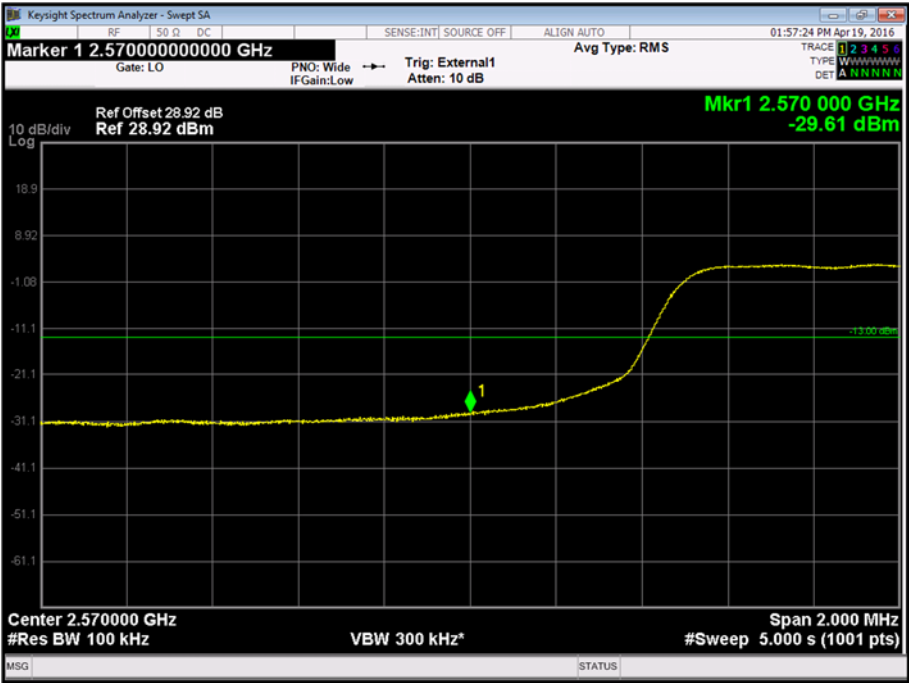
2575 MHz - 1 Resource Block - Low



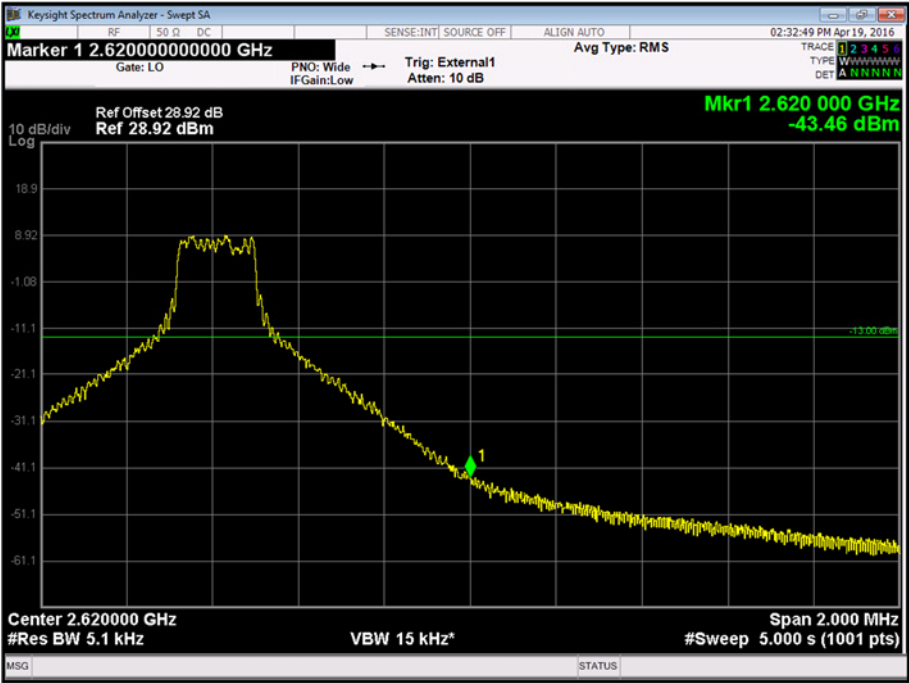


Product Service

2575 MHz - All Resource Blocks



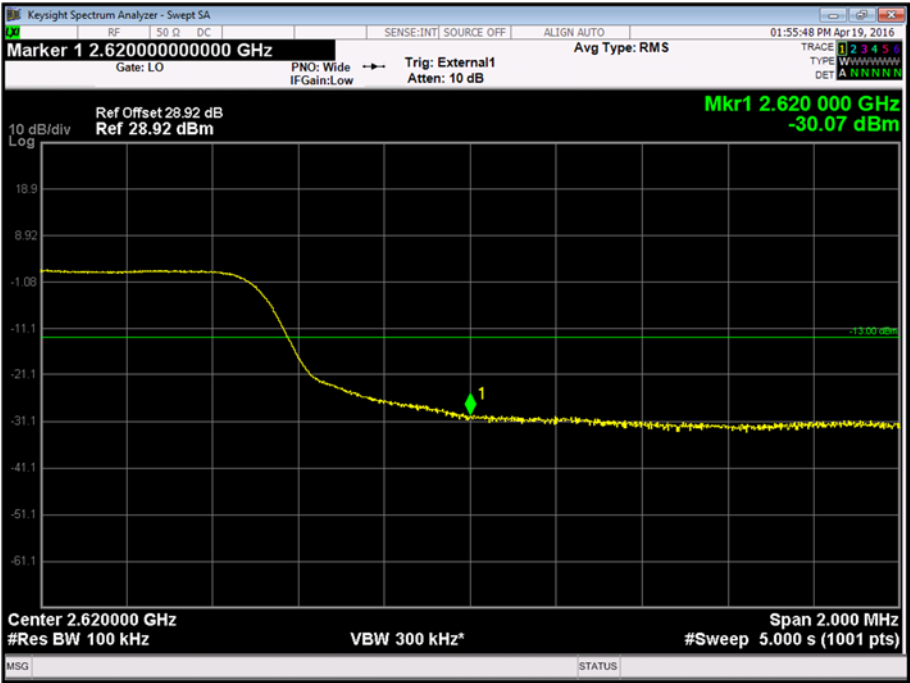
2615 MHz - 1 Resource Block - High





Product Service

2615 MHz - All Resource Blocks



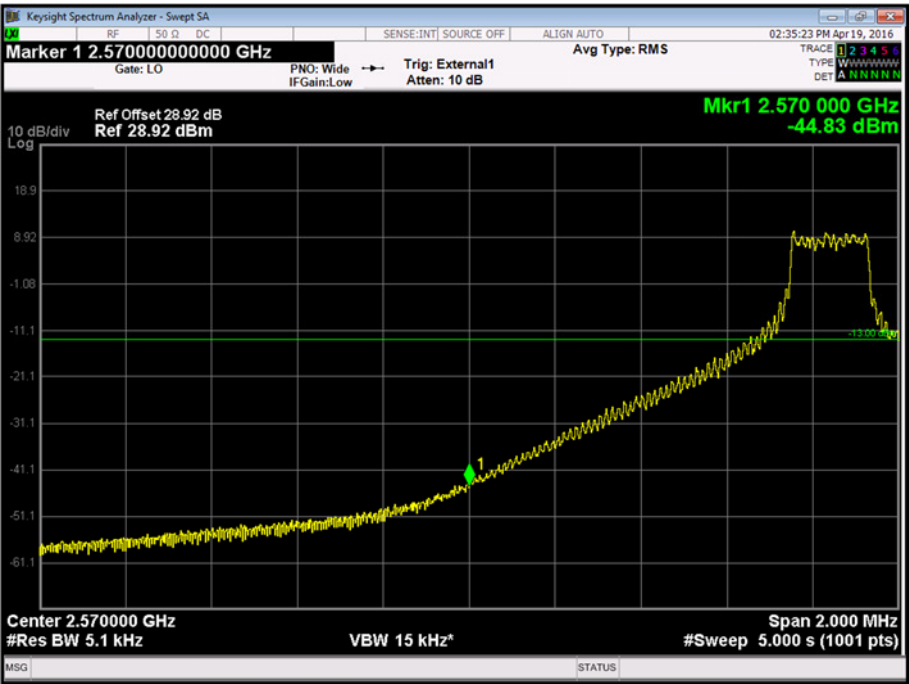


Product Service

15.0 MHz Bandwidth - QPSK

Band Edge (dBm)			
2577.5 MHz		2612.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-44.83	-26.97	-43.76	-25.61

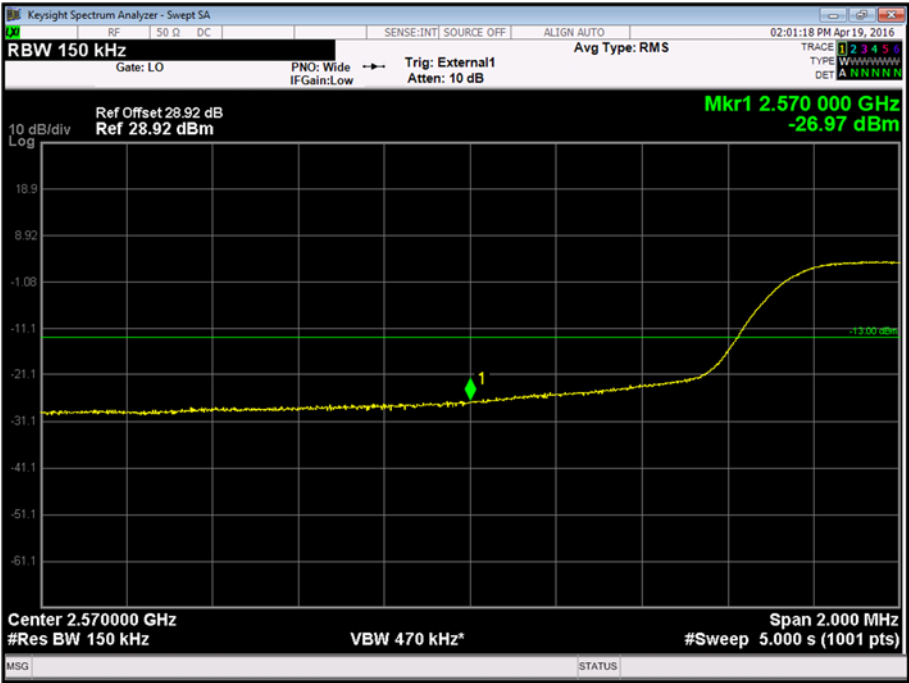
2577.5 MHz - 1 Resource Block - Low



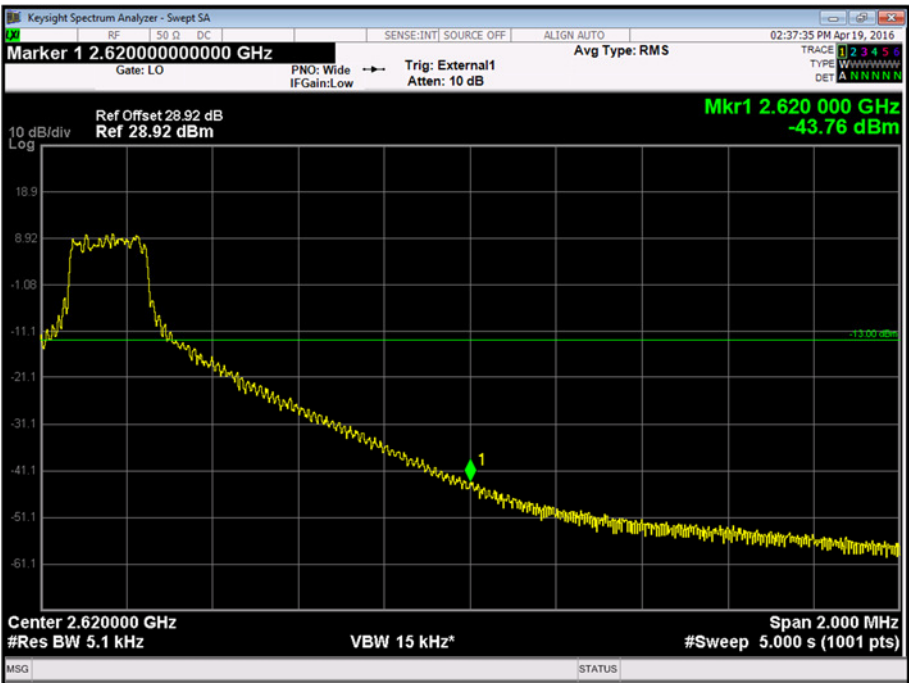


Product Service

2577.5 MHz - All Resource Blocks



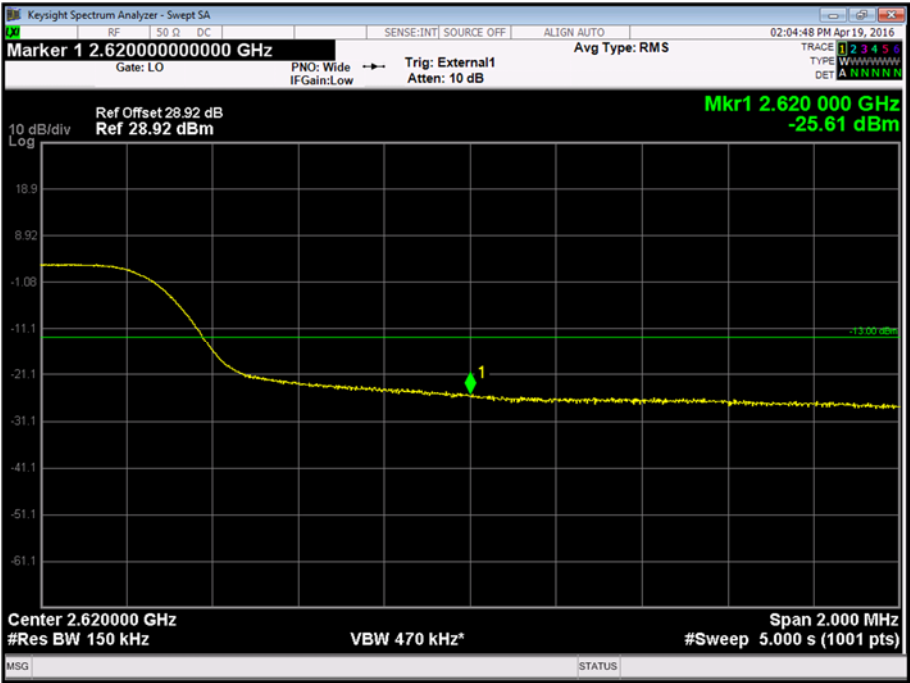
2612.5MHz - 1 Resource Block - High





Product Service

2612.5 MHz - All Resource Blocks



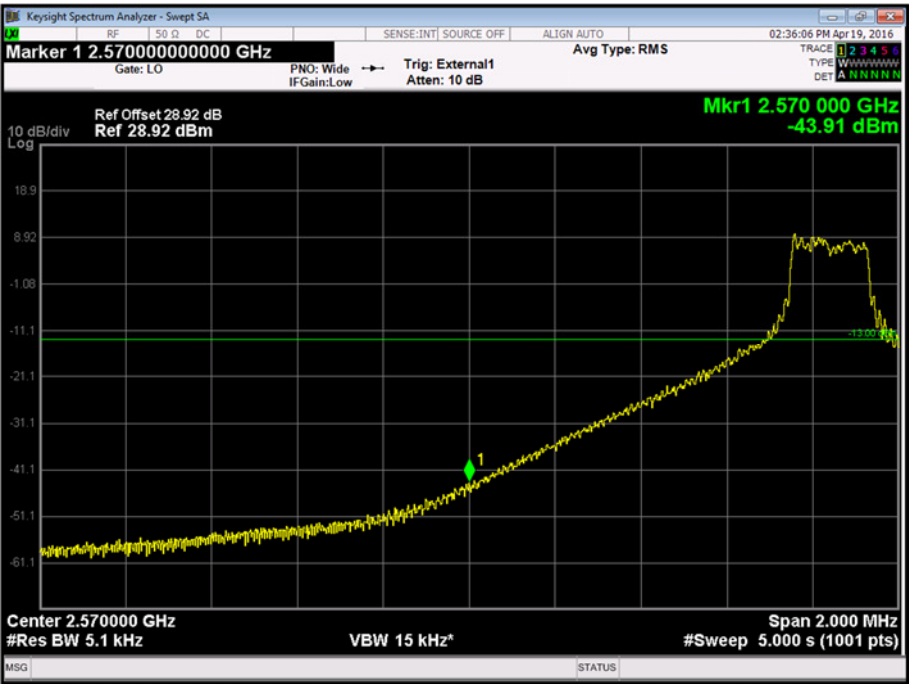


Product Service

15.0 MHz Bandwidth - 16-QAM

Band Edge (dBm)			
2577.5 MHz		2612.5 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-43.91	-28.72	-44.28	-28.84

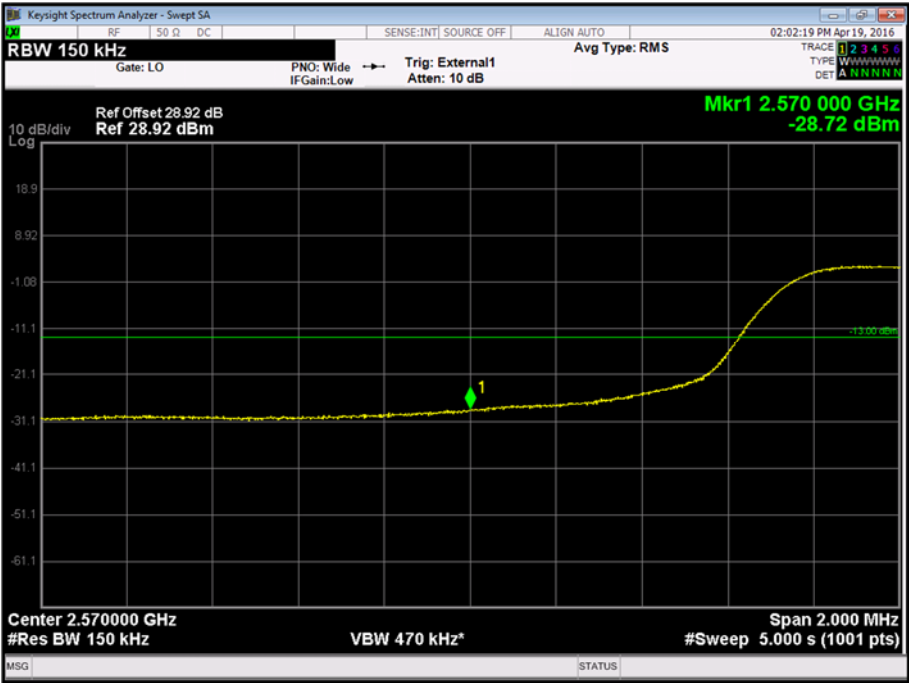
2577.5 MHz - 1 Resource Block - Low



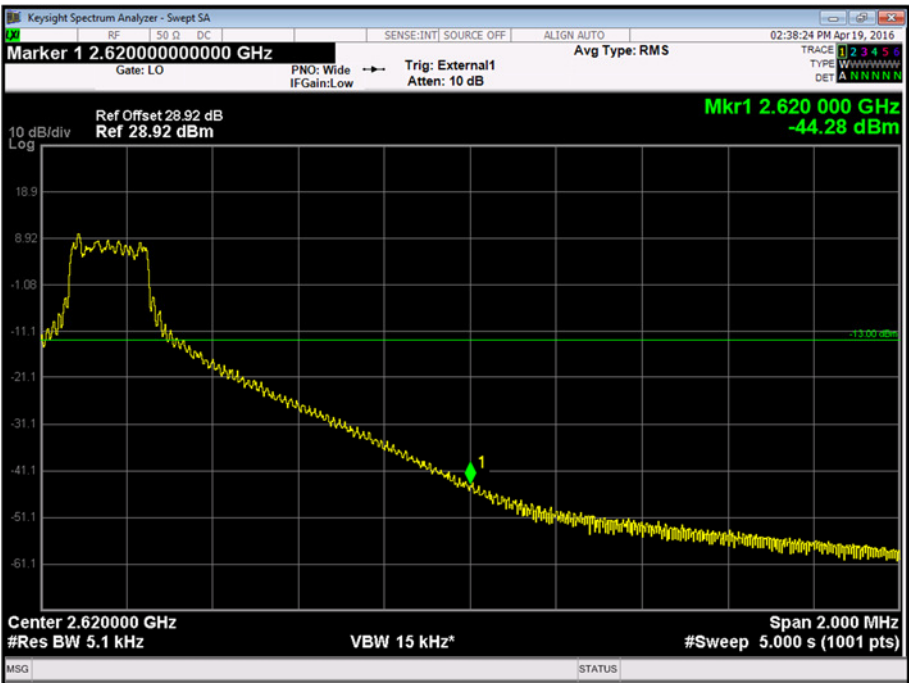


Product Service

2577.5 MHz - All Resource Blocks



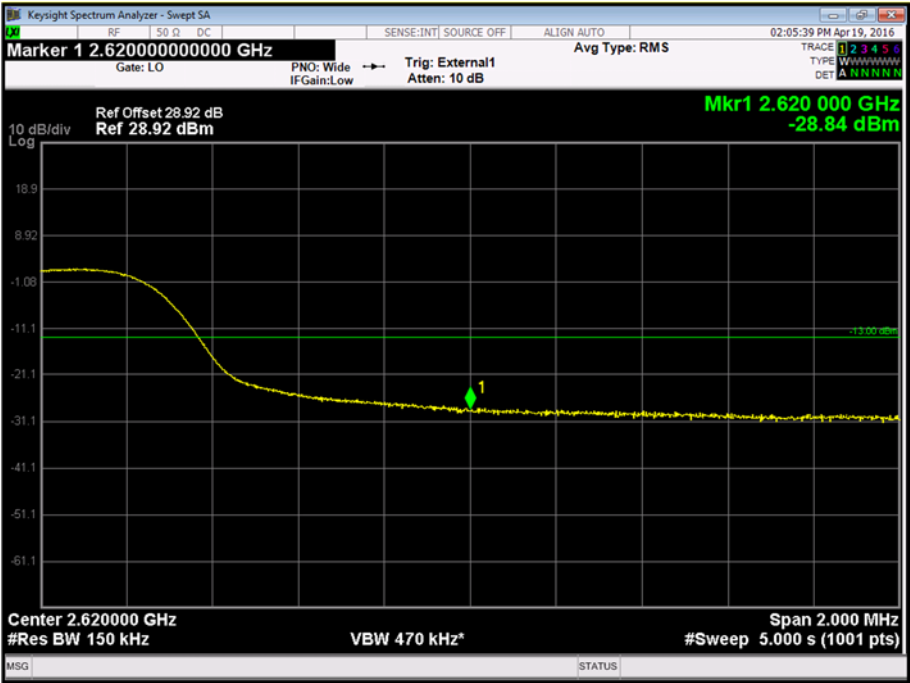
2612.5 MHz - 1 Resource Block - High





Product Service

2612.5 MHz - All Resource Blocks



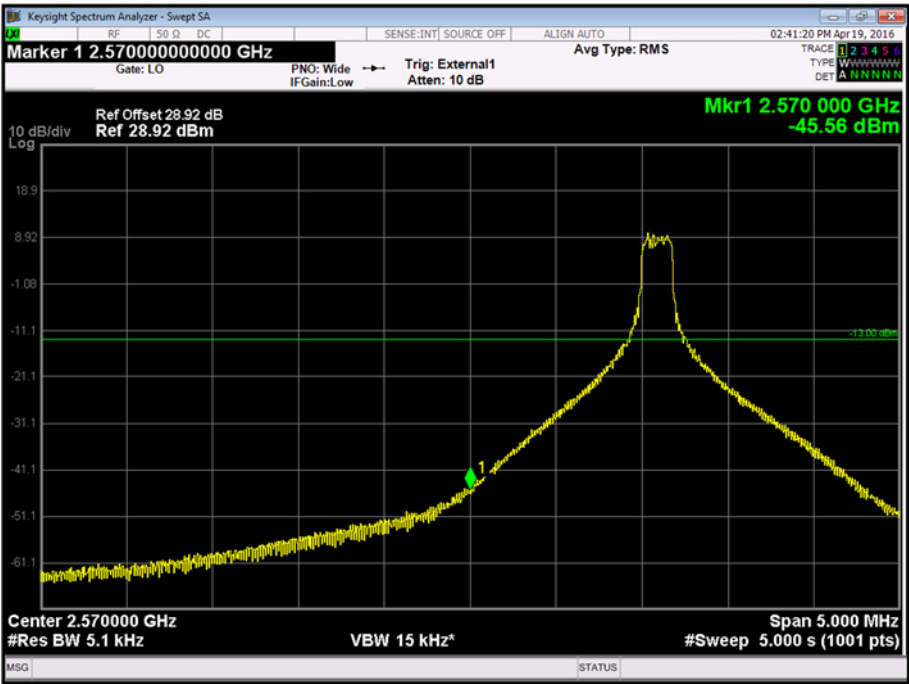


Product Service

20.0 MHz Bandwidth - QPSK

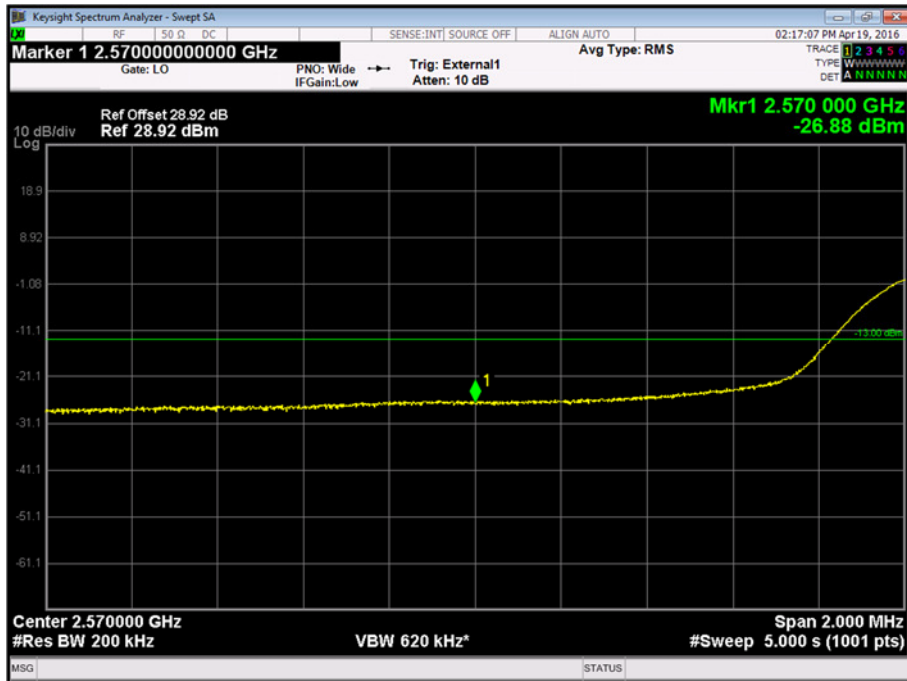
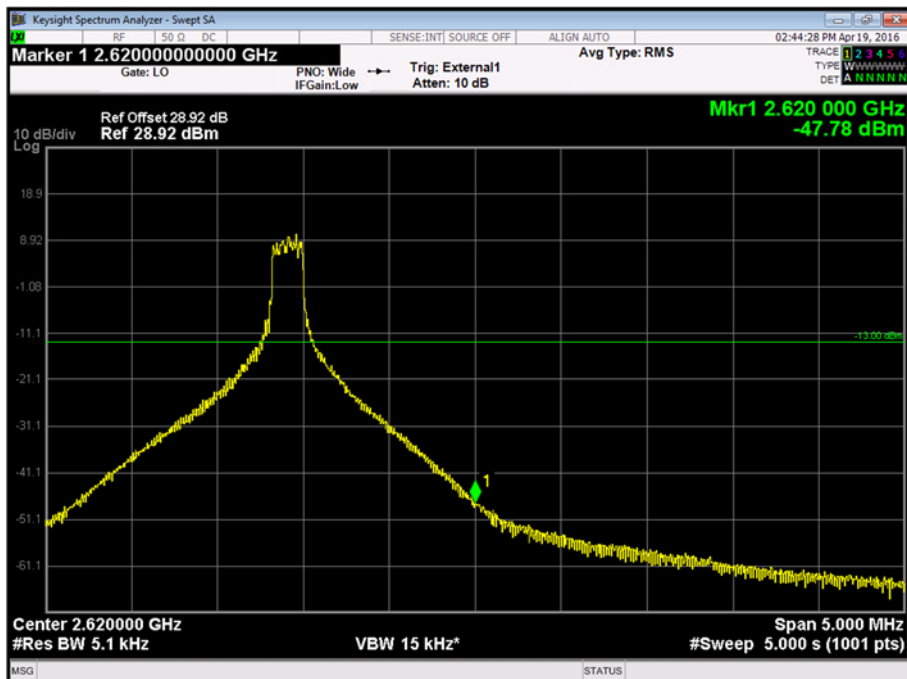
Band Edge (dBm)			
2580.0 MHz		2610.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-45.56	-26.88	-47.78	-26.11

2580.0 MHz - 1 Resource Block - Low





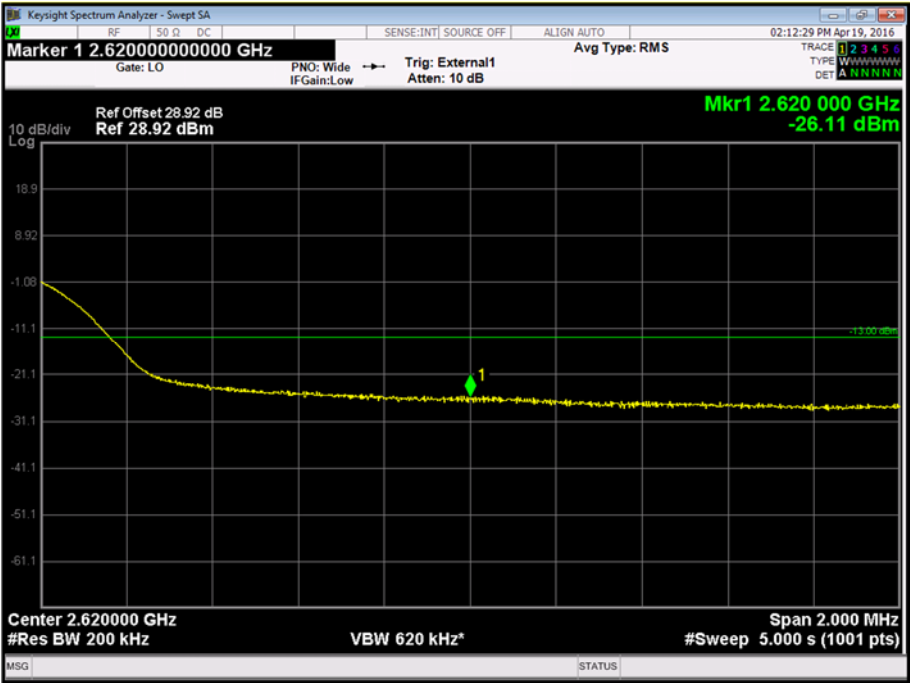
Product Service

2580.0 MHz - All Resource Blocks2610.0 MHz - 1 Resource Block - High



Product Service

2610.0 MHz - All Resource Blocks



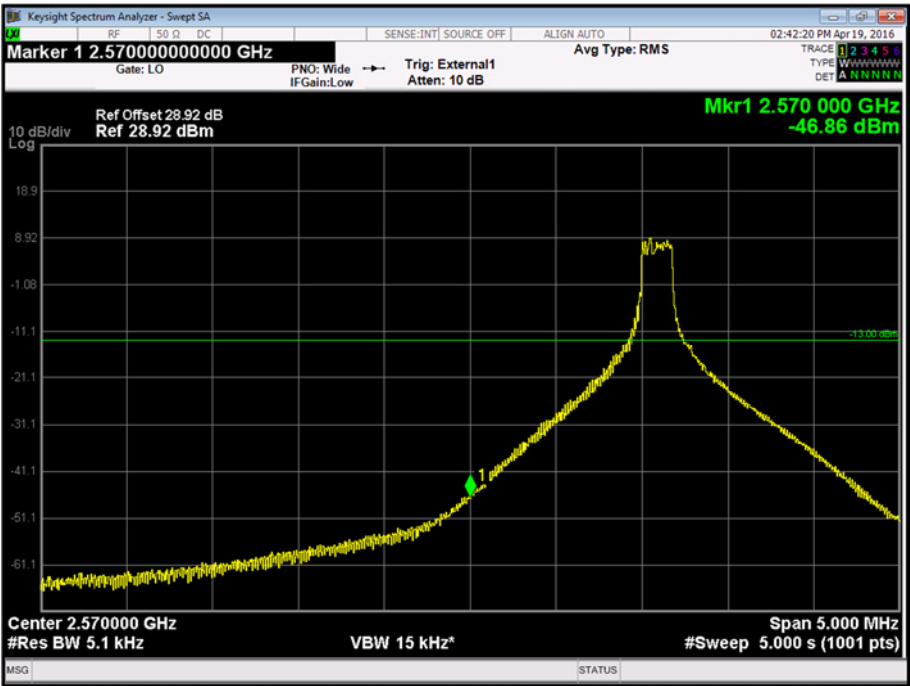


Product Service

20.0 MHz Bandwidth - 16-QAM

Band Edge (dBm)			
2580.0 MHz		2610.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-46.86	-28.30	-48.04	-29.58

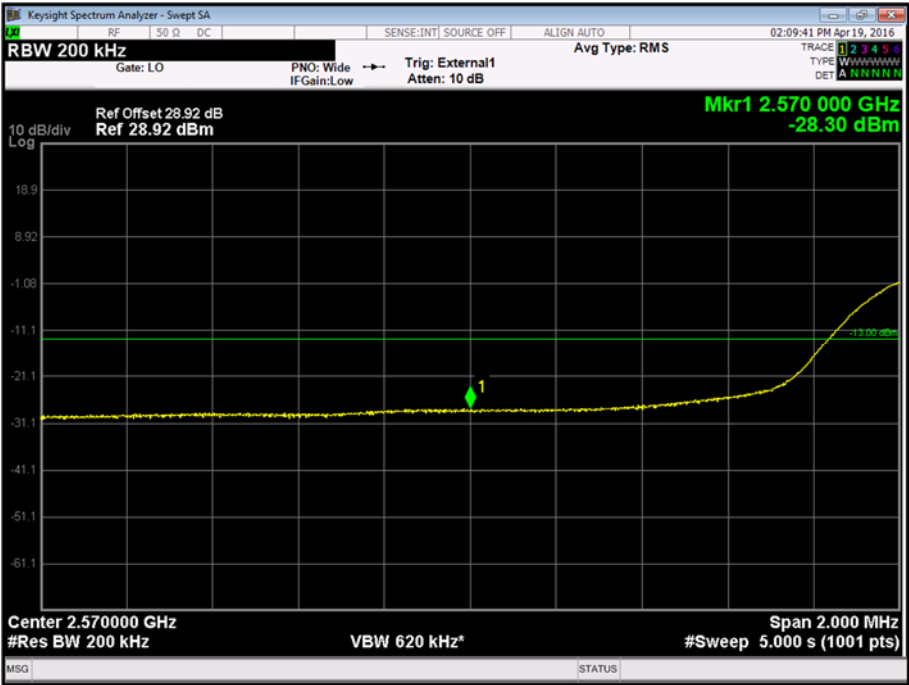
2580.0 MHz - 1 Resource Block - Low



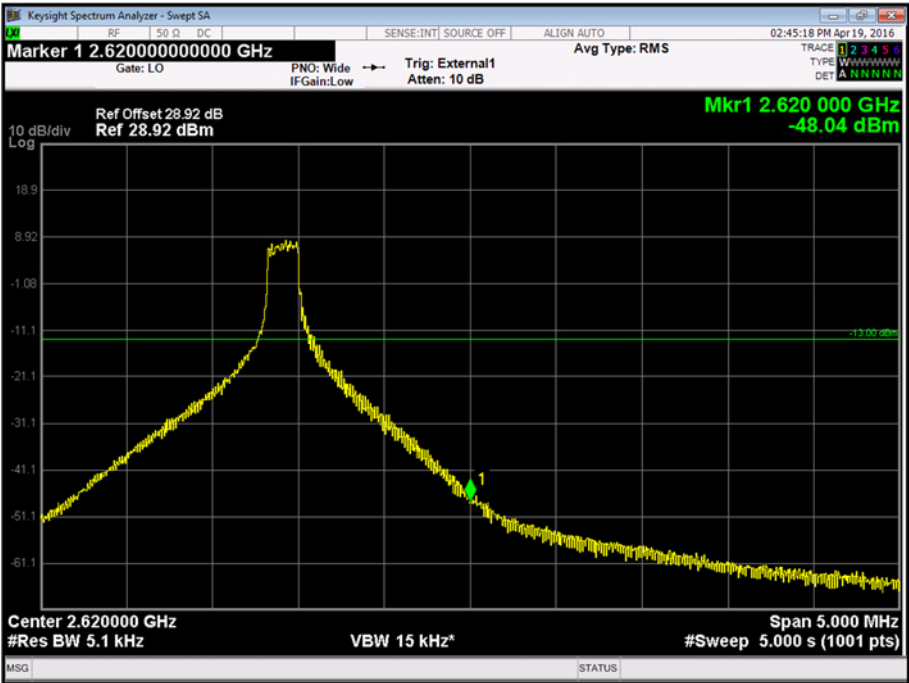


Product Service

2580.0 MHz - All Resource Blocks



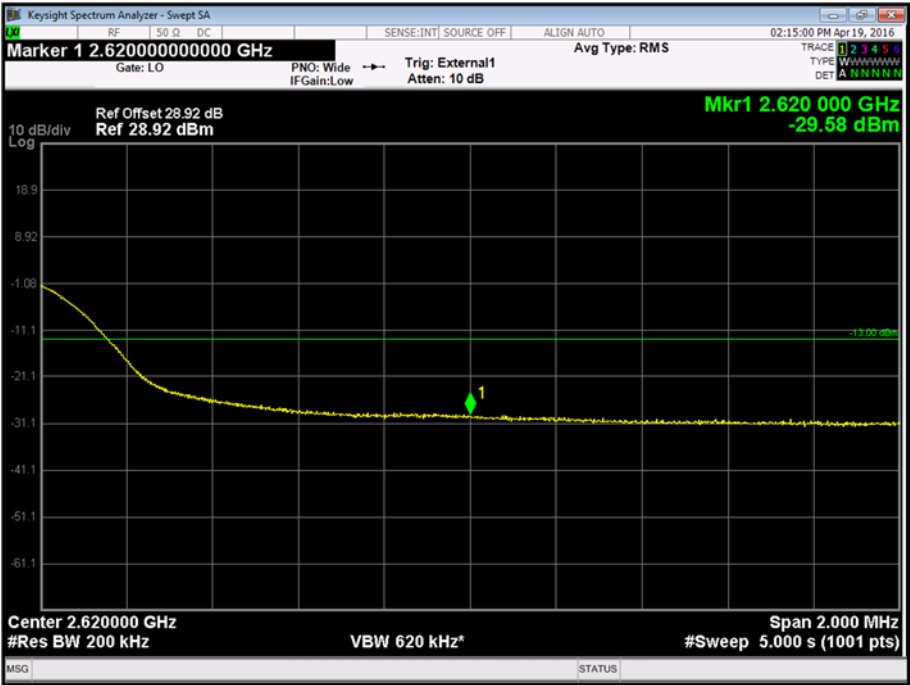
2610.0 MHz - 1 Resource Block - High





Product Service

2610.0 MHz - All Resource Blocks



FCC 47 CFR Part 27 Limit Clause 27.53 (e)(8)

-13 dBm



Product Service

2.5 26 dB BANDWIDTH**2.5.1 Specification Reference**

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

2.5.2 Equipment Under Test and Modification State

S/N: IMEI 004401115723252 - Modification State 0

2.5.3 Date of Test

23 March 2016 & 26 April 2016

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	23.3 - 23.9°C
Relative Humidity	25.6 - 31.4%



Product Service

2.5.7 Test Results

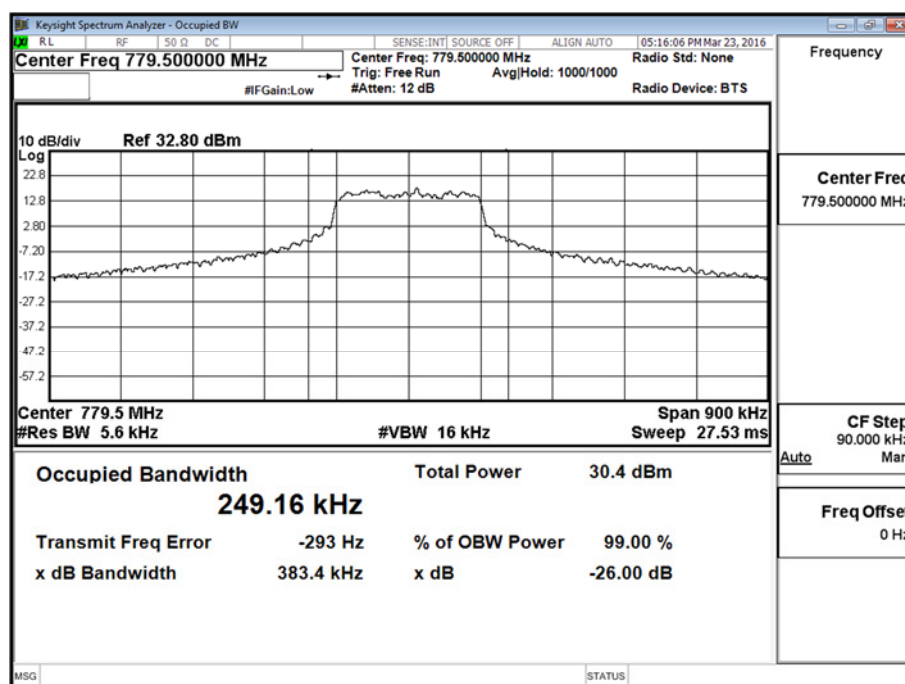
4.0 V DC Supply

LTE FDD13, 26 dB Bandwidth Results

5.0 MHz Bandwidth - QPSK

26 dB Bandwidth (kHz)											
779.5 MHz				782.0 MHz				784.5 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	383.4	N/T	4884.2	N/T	357.2	N/T	4890.1	N/T	378.0	N/T	4887.0

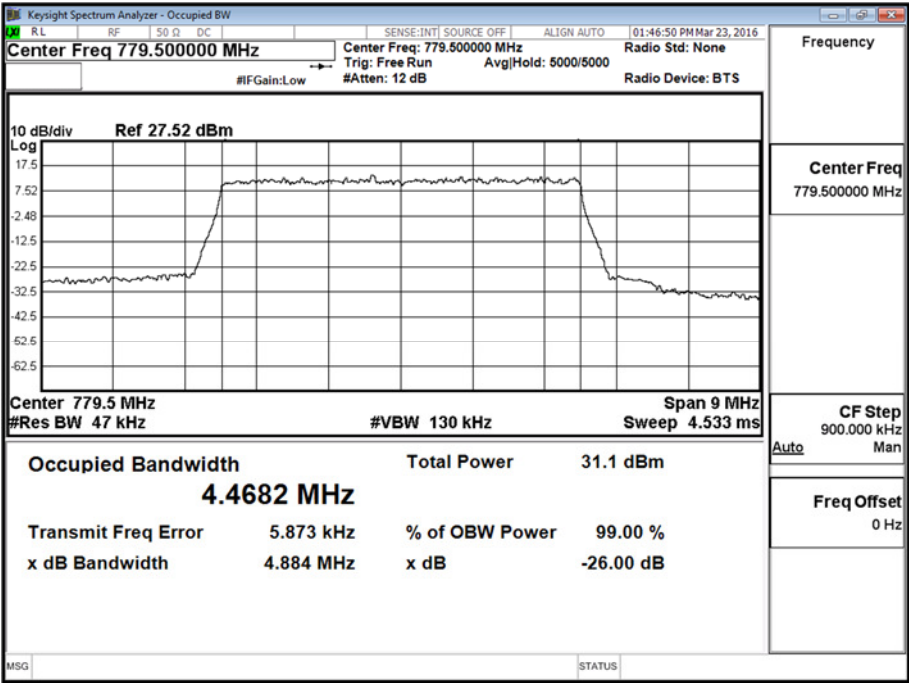
779.5 MHz - 1 Resource Block - Middle



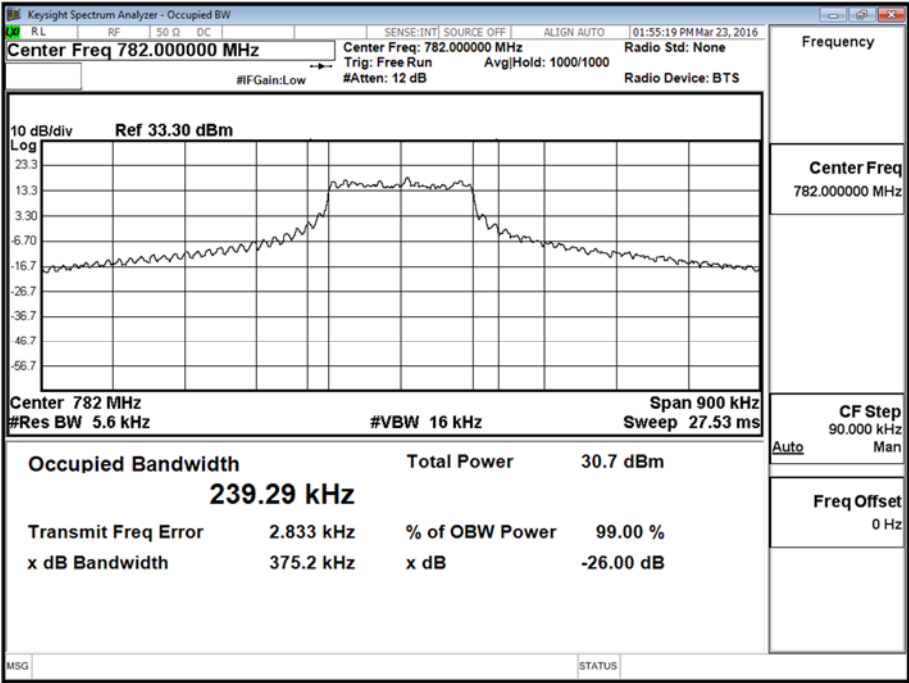


Product Service

779.5 MHz - All Resource Blocks



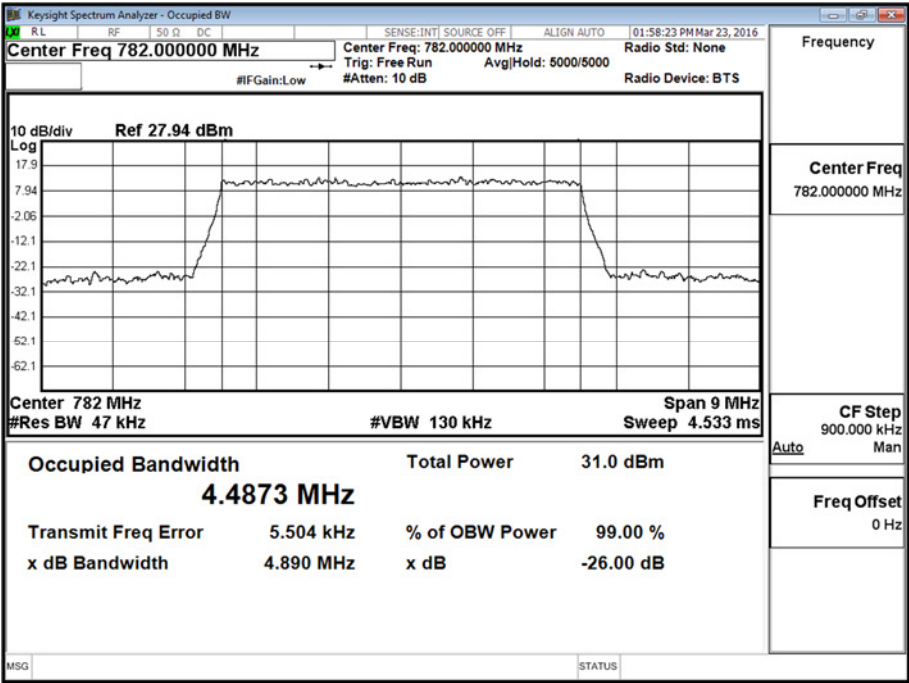
782.0 MHz - 1 Resource Block - Middle



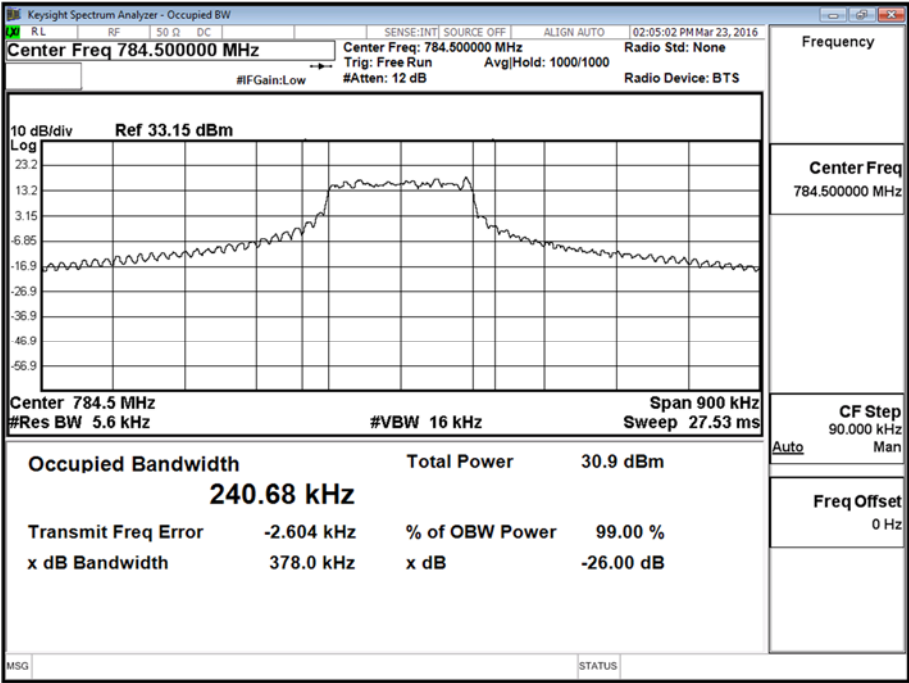


Product Service

782.0 MHz - All Resource Blocks



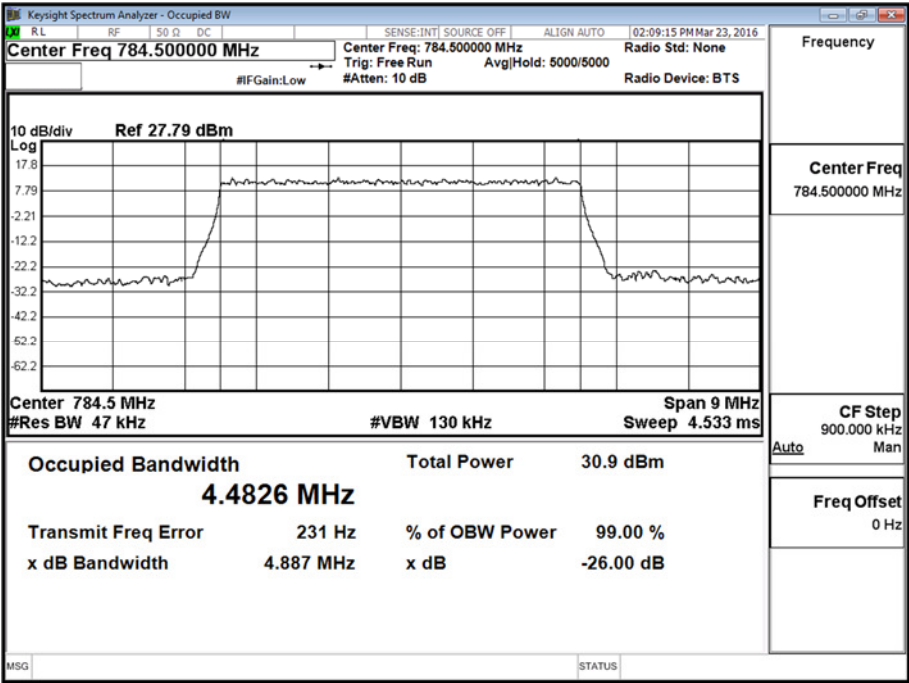
784.5 MHz - 1 Resource Block - Middle





Product Service

784.5 MHz - All Resource Blocks





Product Service

5.0 MHz Bandwidth - 16-QAM

26 dB Bandwidth (kHz)											
779.5 MHz				782.0 MHz				784.5 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	432.4	N/T	4831.0	N/T	402.5	N/T	4921.9	N/T	363.7	N/T	4881.8

779.5 MHz - 1 Resource Block - Middle