



Product Service

2.4.7 Test Results

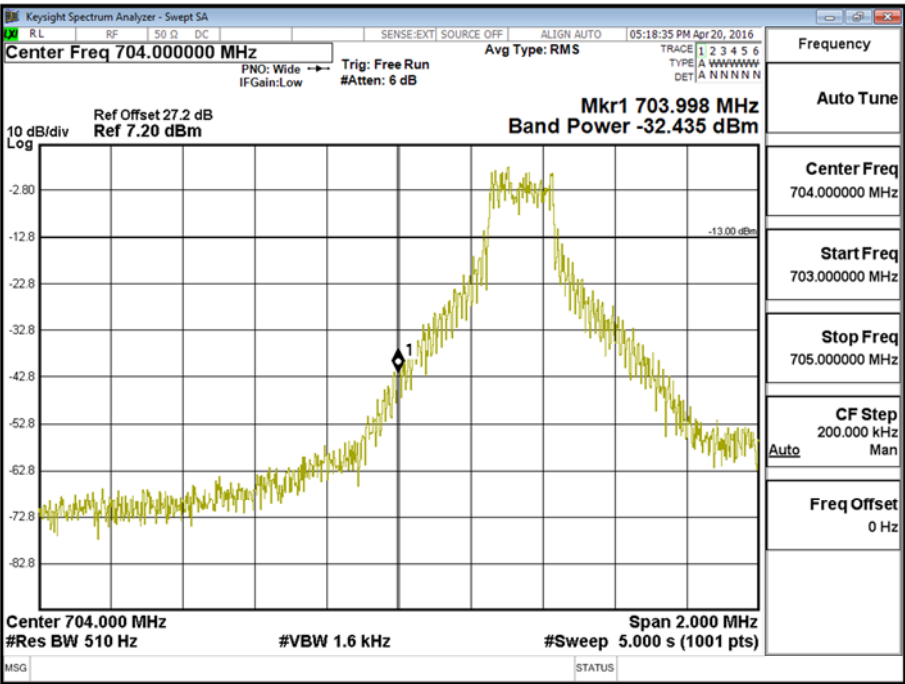
4.0 V DC Supply

LTE FDD17, Spurious Emissions at 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	
-32.44	-30.44	-32.99	-30.89

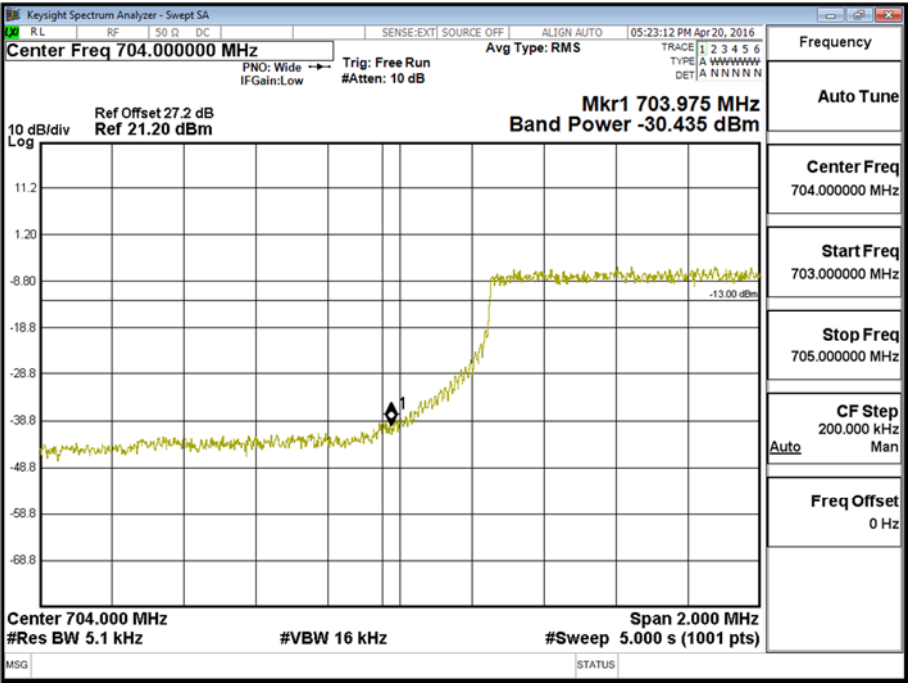
706.5 MHz - 1 Resource Block - Low



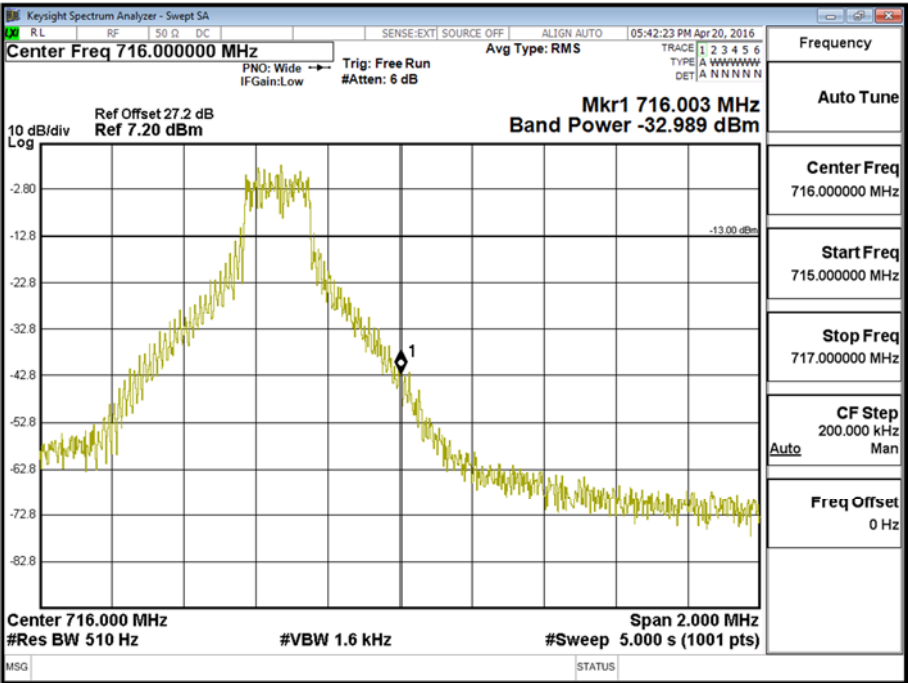


Product Service

706.5 MHz - All Resource Blocks



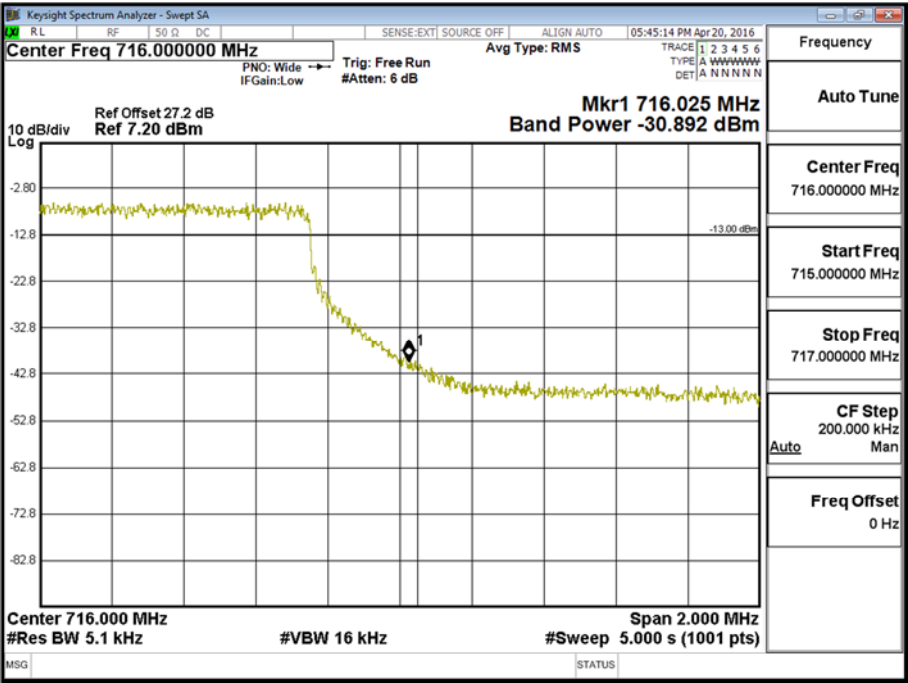
713.5 MHz - 1 Resource Block - High





Product Service

713.5 MHz - All Resource Blocks



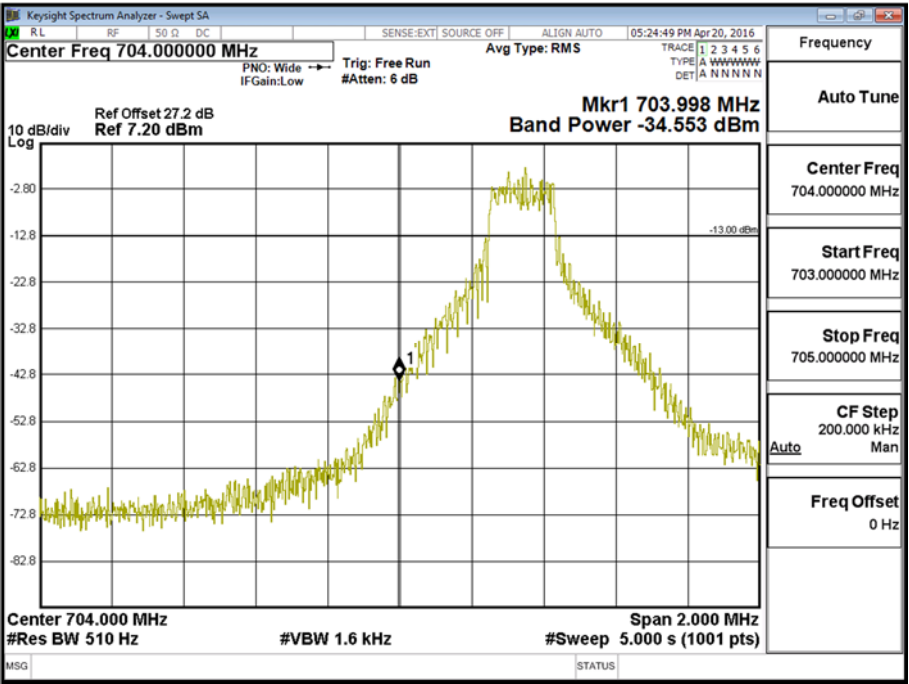


Product Service

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	
-34.55	-31.67	-34.85	-32.92

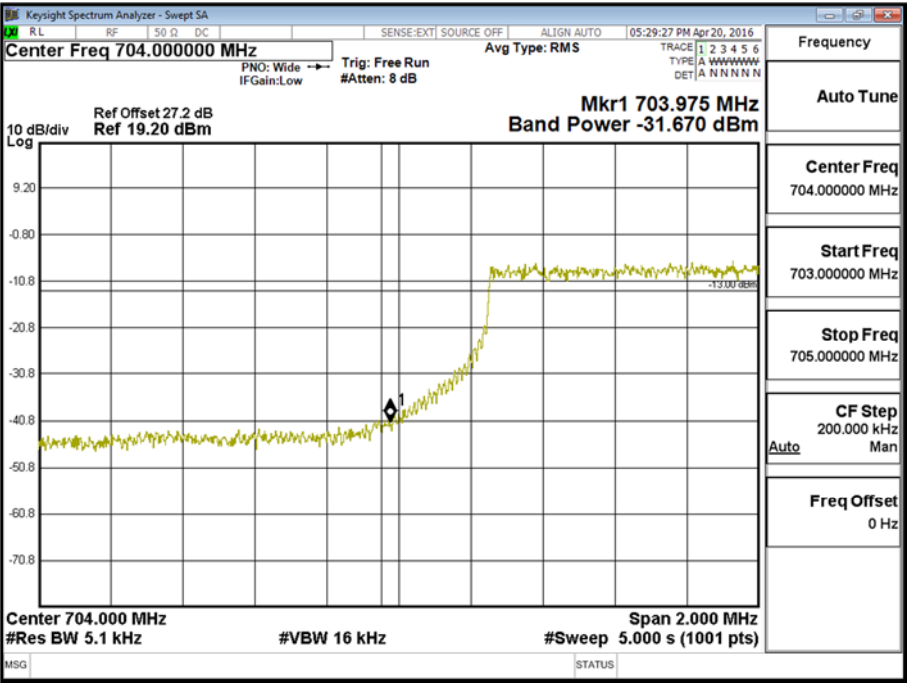
706.5 MHz - 1 Resource Block - Low



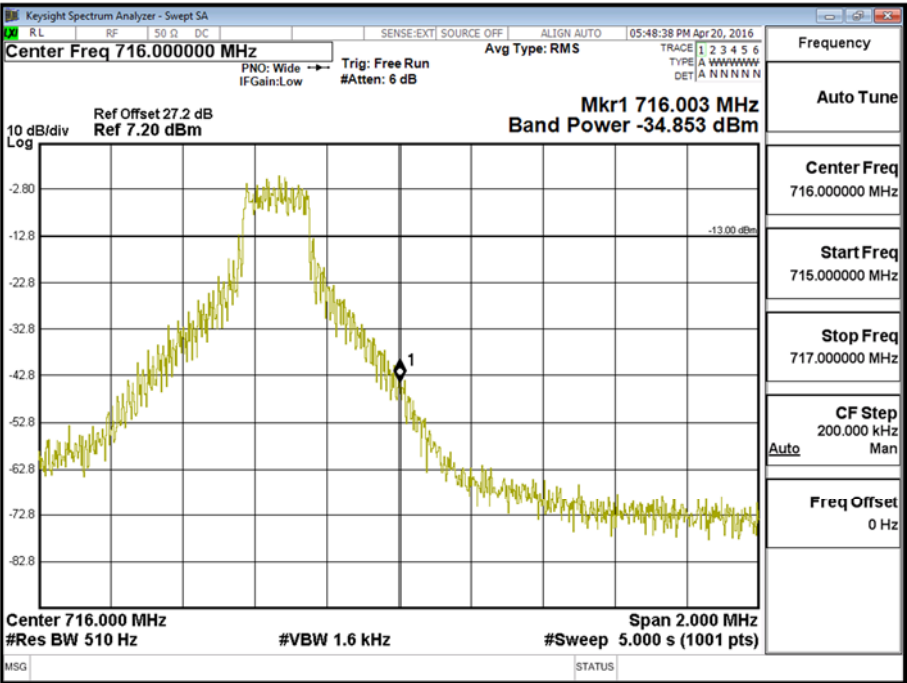


Product Service

706.5 MHz - All Resource Blocks



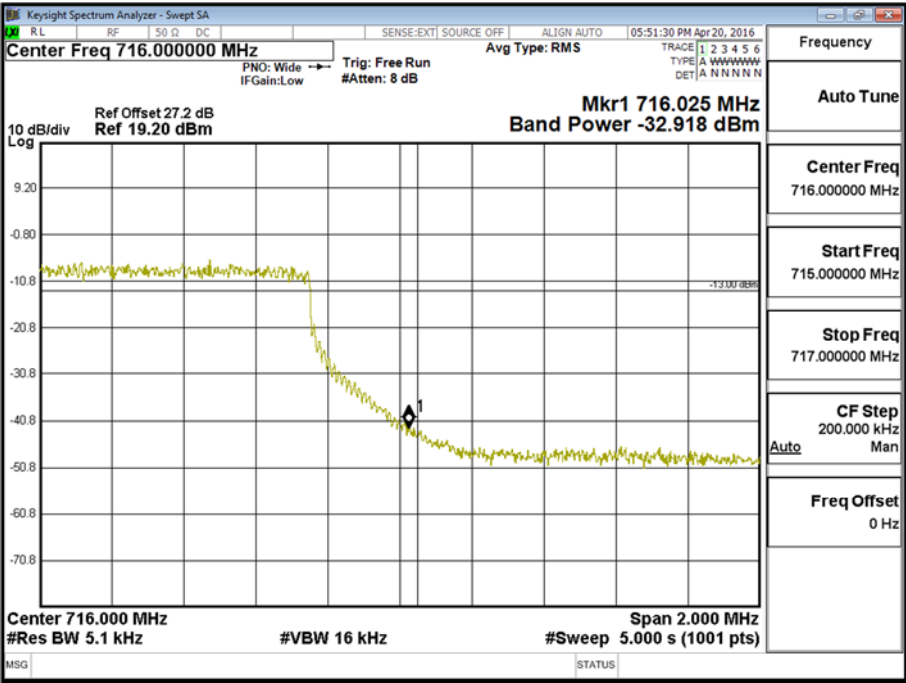
713.5 MHz - 1 Resource Block - High





Product Service

713.5 MHz - All Resource Blocks



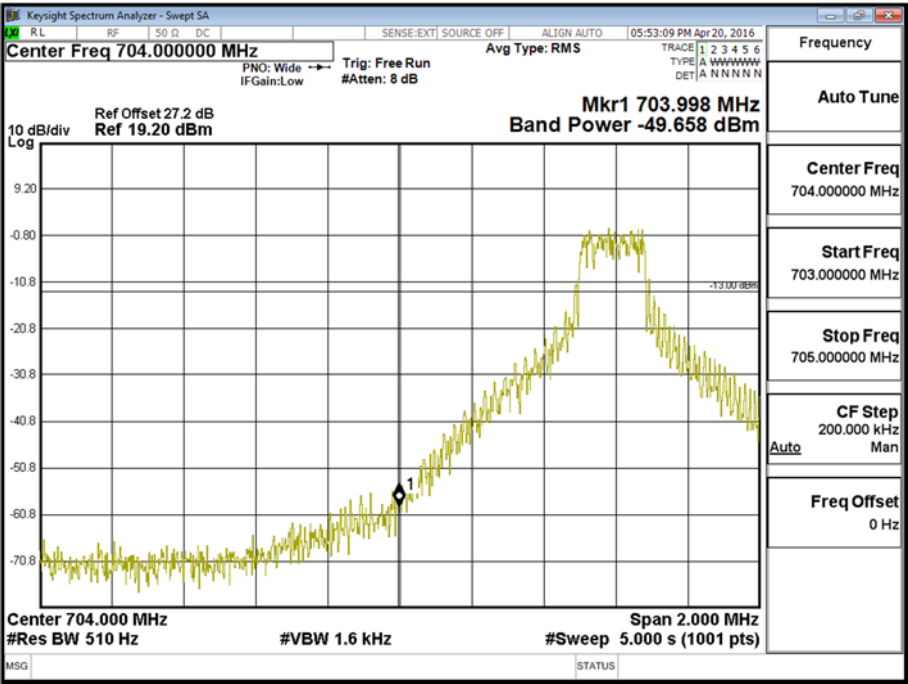


Product Service

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	
-49.66	-32.48	-47.71	-34.02

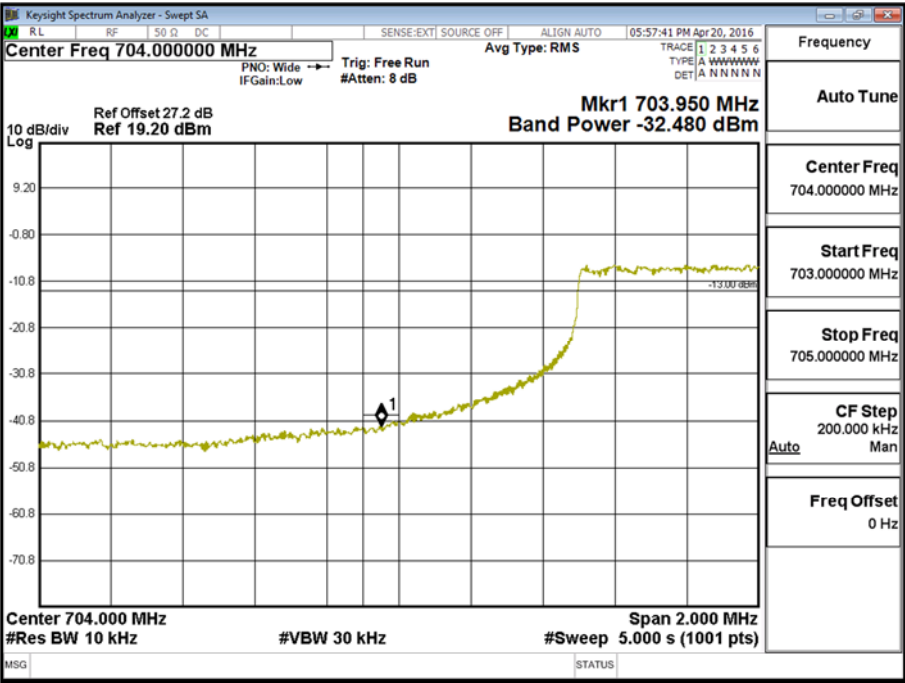
709 MHz - 1 Resource Block - Low



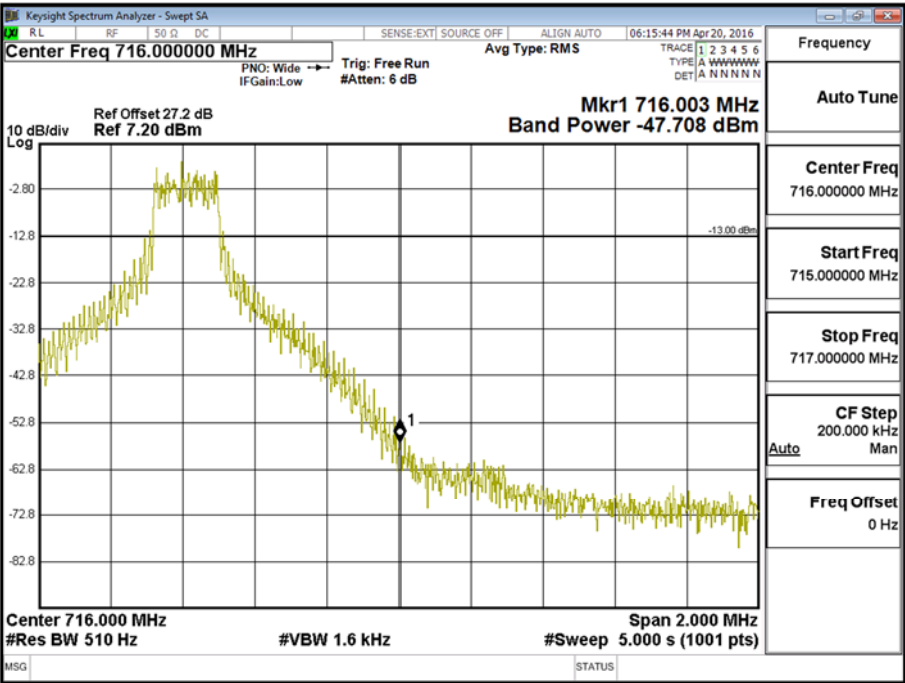


Product Service

709 MHz - All Resource Blocks



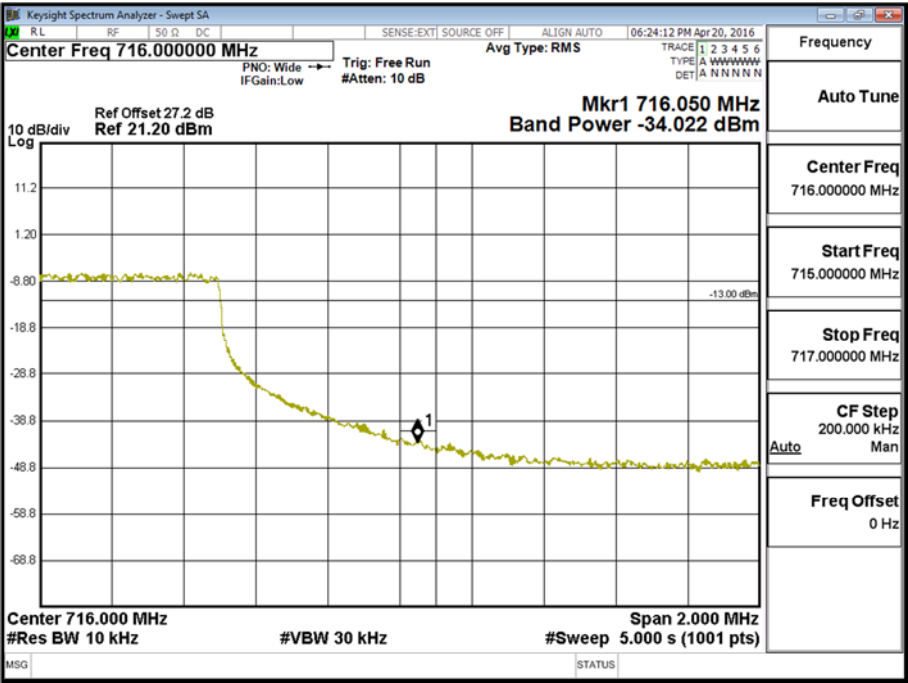
711 MHz - 1 Resource Block - High





Product Service

711 MHz - All Resource Blocks



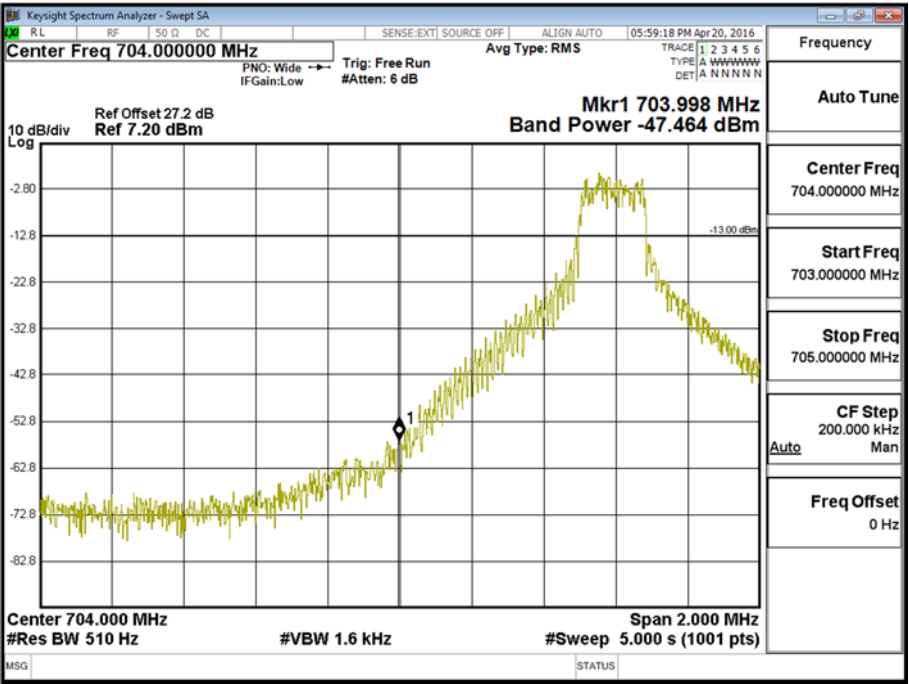


Product Service

10.0 MHz Bandwidth - 16QAM

Band Edge (dBm)			
709.0 MHz		711.0 MHz	
1 Resource Block	All Resource Blocks	1 Resource Block	All Resource Blocks
Low		High	
-47.46	-33.98	-47.19	-35.41

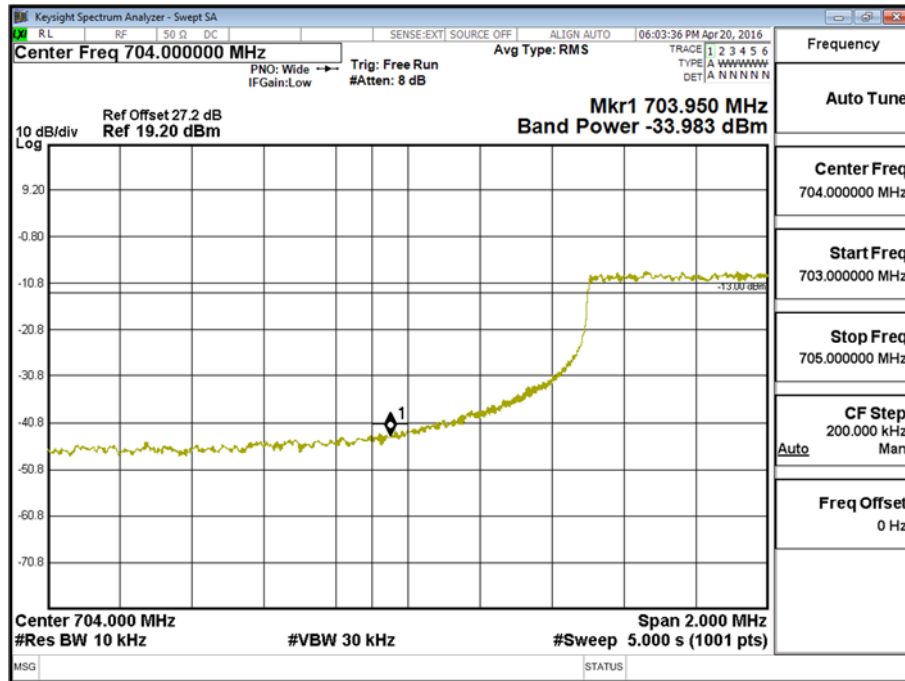
709 MHz - 1 Resource Block - Low



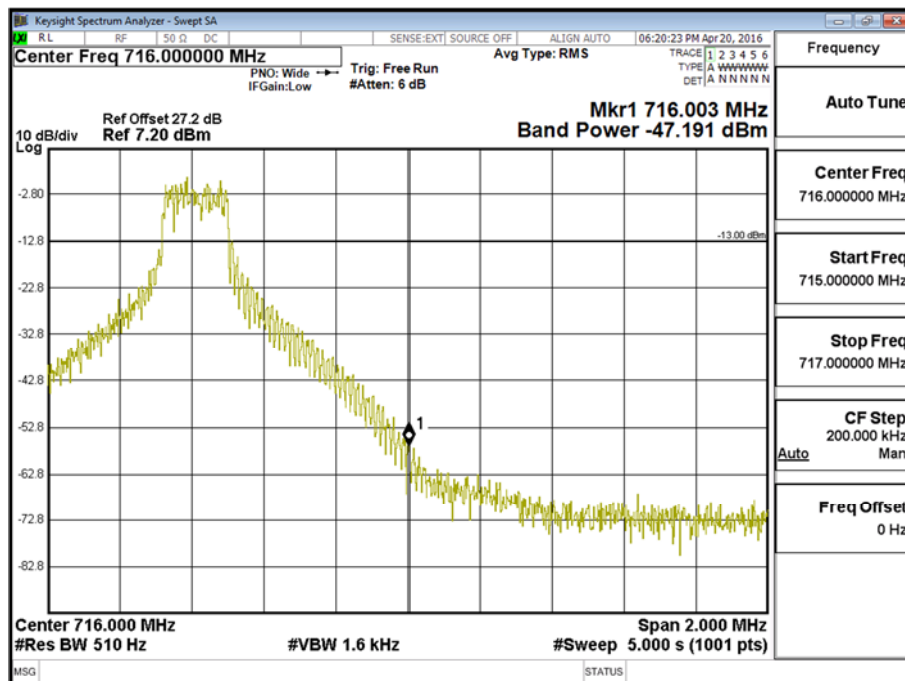


Product Service

709 MHz - All Resource Blocks



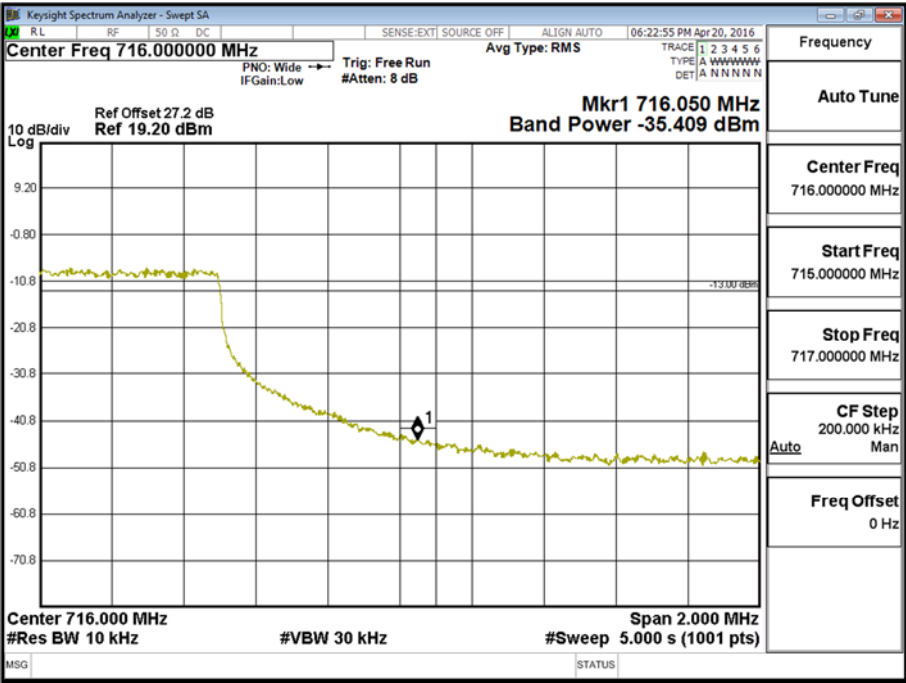
711 MHz - 1 Resource Block - High





Product Service

711 MHz - All Resource Blocks



FCC 47 CFR Part 27, Limit Clause 27.53 (h)

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



Product Service

2.5 26 dB BANDWIDTH**2.5.1 Specification Reference**

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

2.5.2 Equipment Under Test and Modification State

S/N: IMEI 004401115744563 - Modification State 0

2.5.3 Date of Test

20 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	23.6°C
Relative Humidity	31.1%



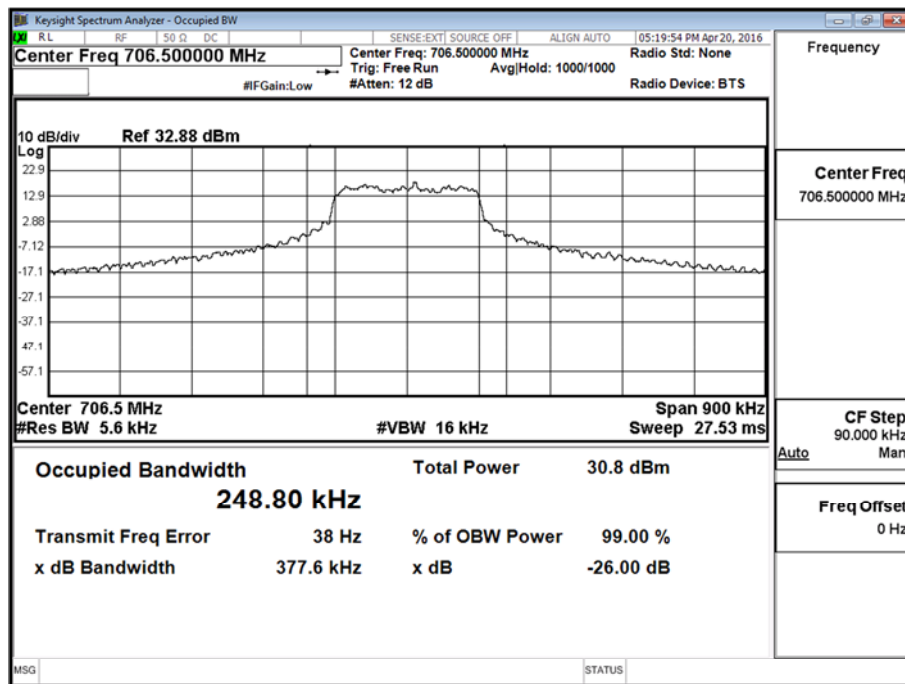
Product Service

2.5.7 Test Results

4.0 V DC Supply

LTE FDD17, 26 dB Bandwidth Results5.0 MHz Bandwidth - QPSK

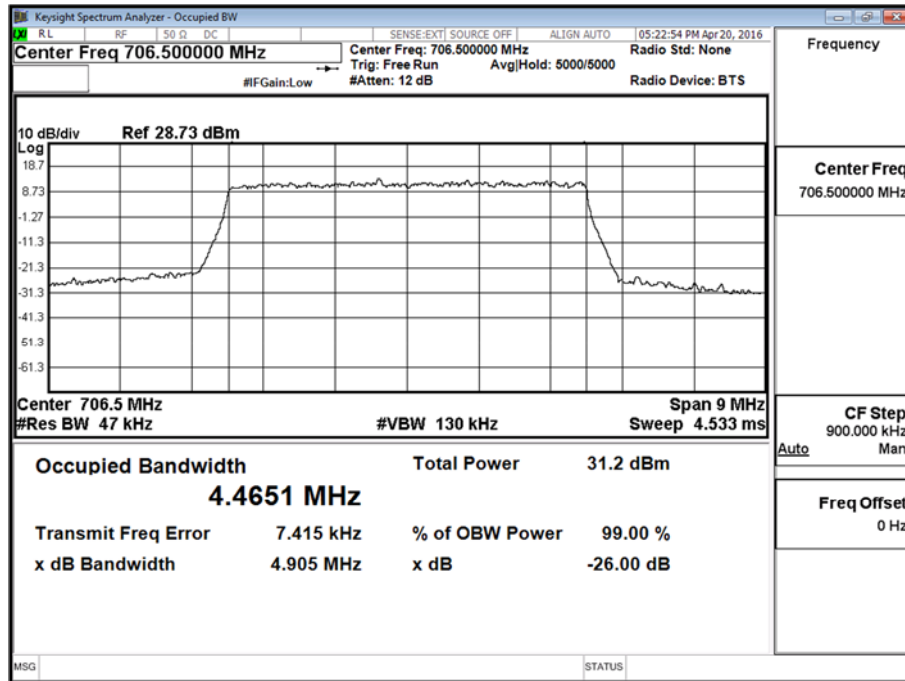
26 dB Bandwidth (kHz)											
706.5 MHz				710.0 MHz				713.5 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	377.6	N/T	4905.2	N/T	389.4	N/T	4900.2	N/T	368.7	N/T	4899.3

706.5 MHz - 1 Resource Block - Middle

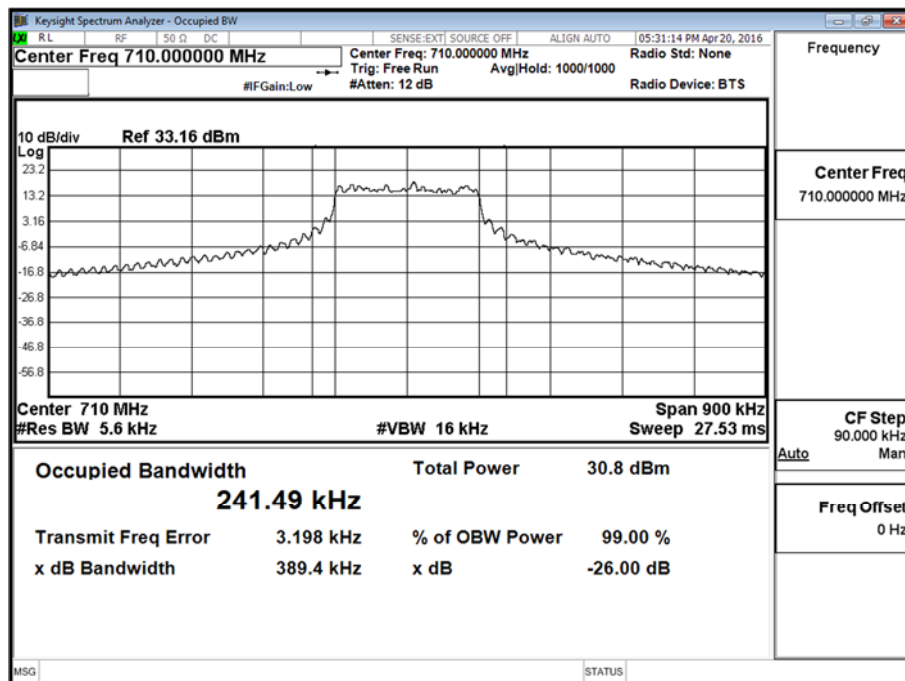


Product Service

706.5 MHz - All Resource Blocks



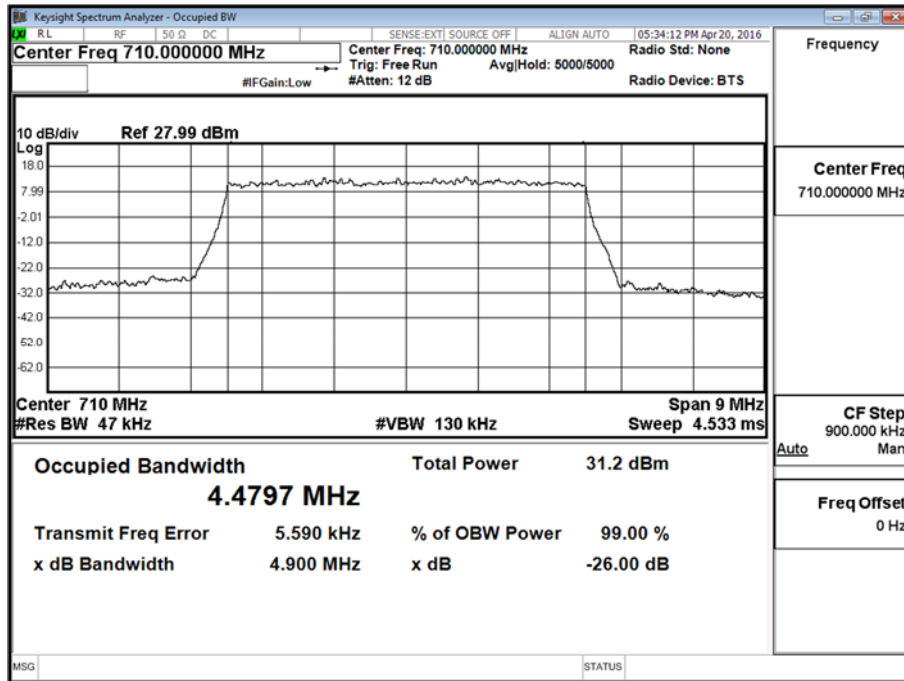
710 MHz - 1 Resource Block - Middle



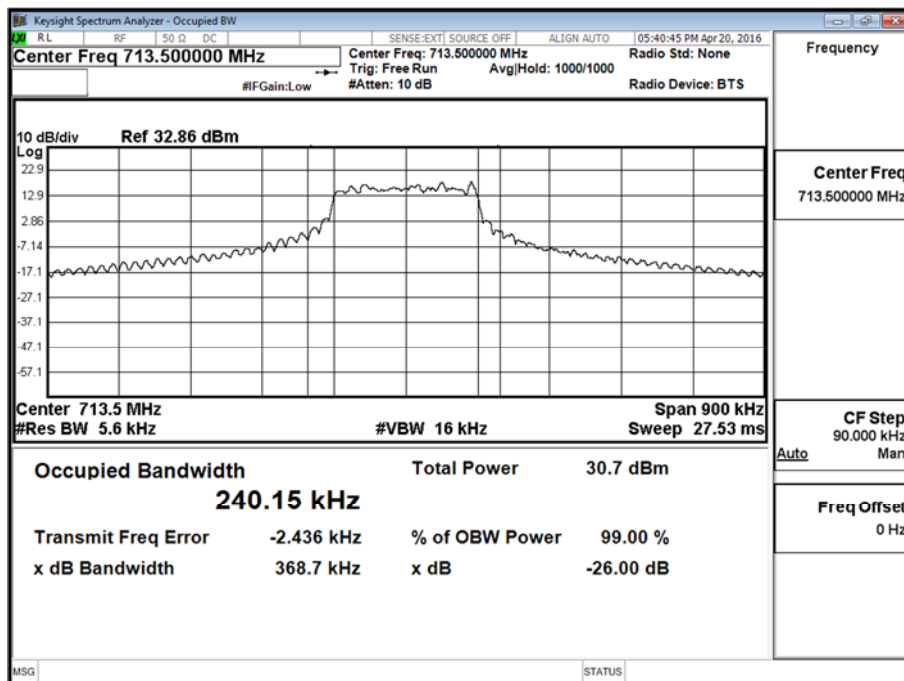


Product Service

710 MHz - All Resource Blocks



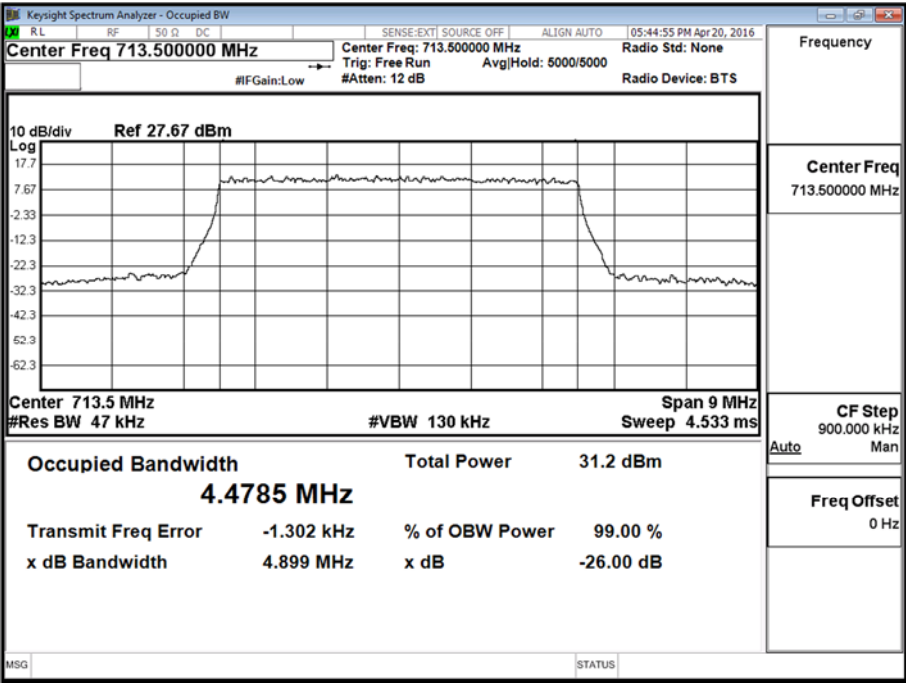
713.5 MHz - 1 Resource Block - Middle





Product Service

713.5 MHz - All Resource Blocks

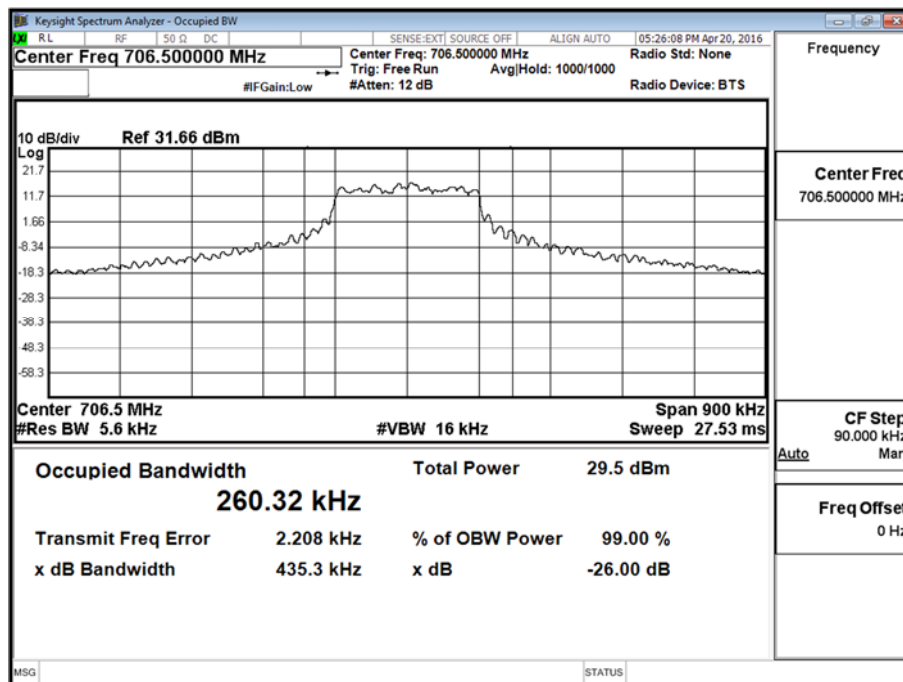




Product Service

5.0 MHz Bandwidth - 16-QAM

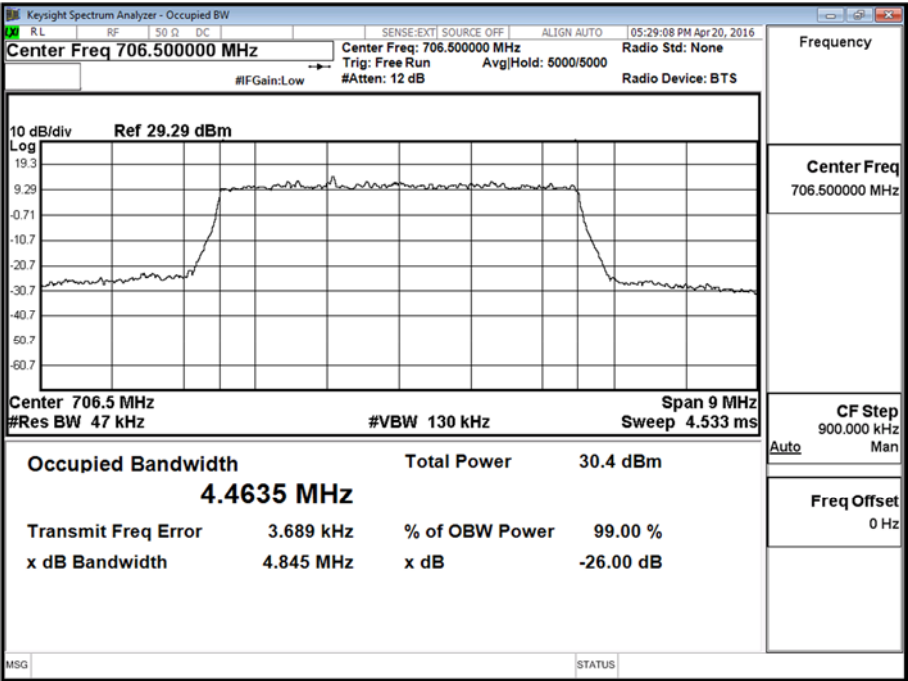
26 dB Bandwidth (kHz)											
706.5 MHz				710.0 MHz				713.5 MHz			
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	435.3	N/T	4844.72	N/T	402.6	N/T	4919.8	N/T	427.9	N/T	4881.2

706.5 MHz - 1 Resource Block - Middle

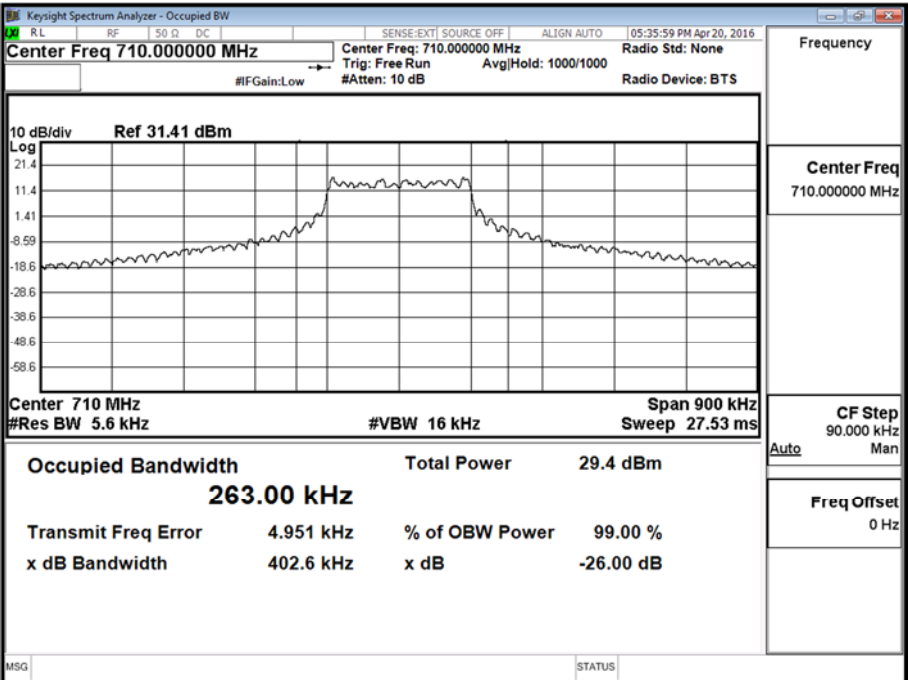


Product Service

706.5 MHz - All Resource Blocks



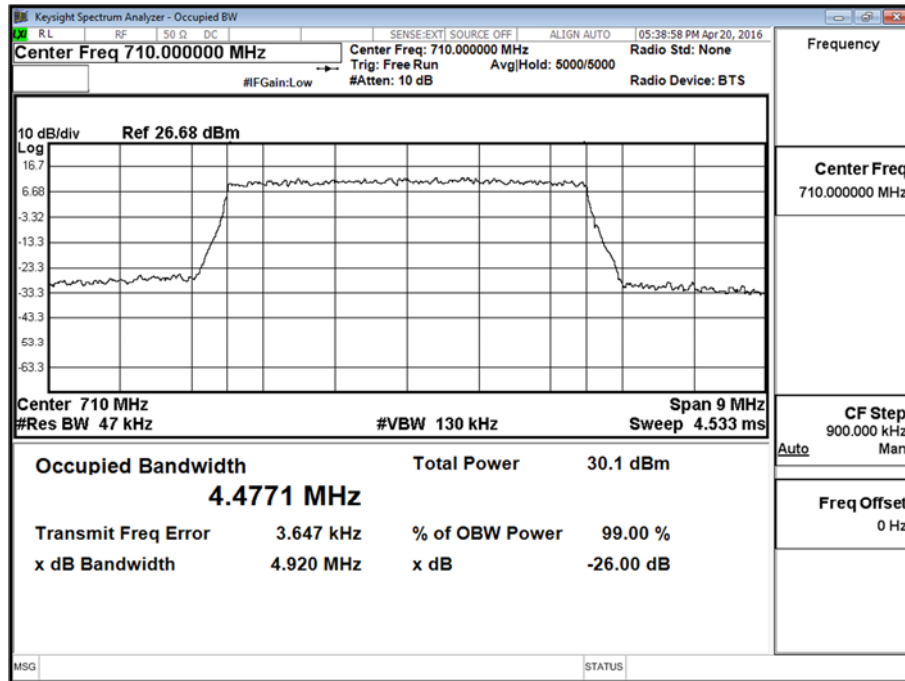
710 MHz - 1 Resource Block - Middle



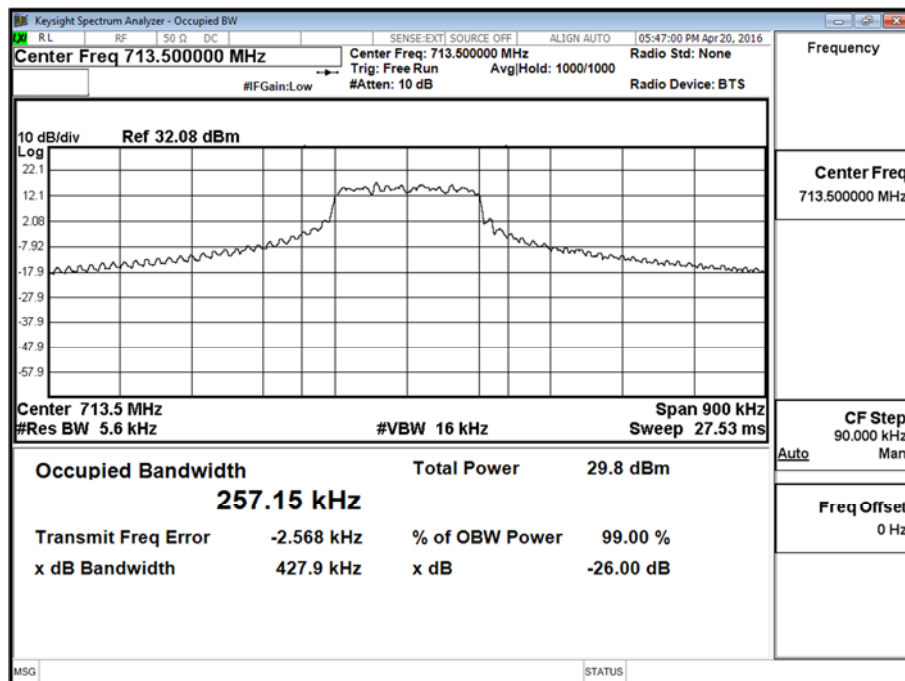


Product Service

710 MHz - All Resource Blocks



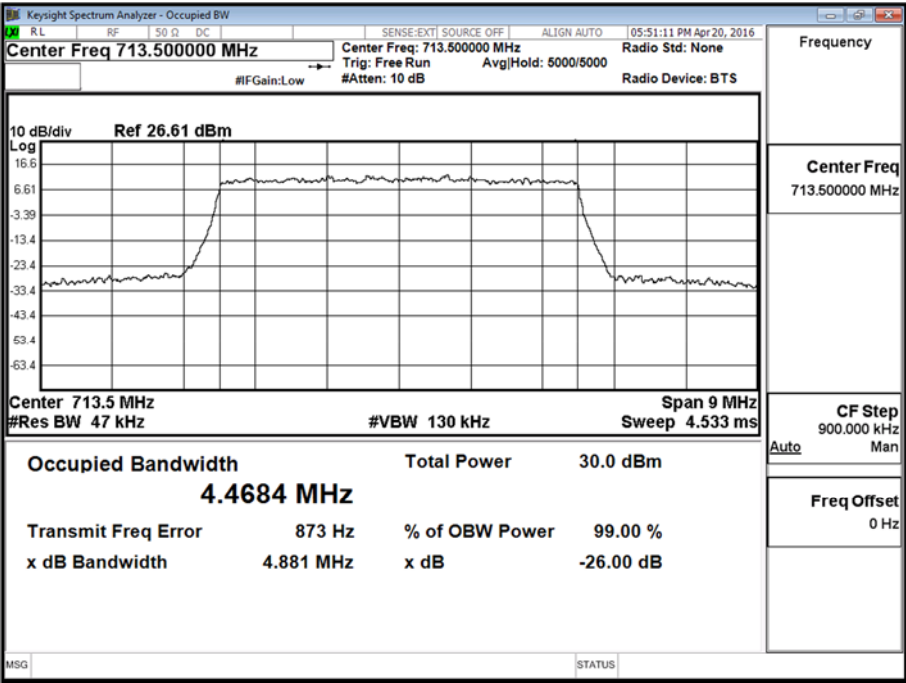
713.5 MHz - 1 Resource Block - Middle





Product Service

713.5 MHz - All Resource Blocks





Product Service

10.0 MHz Bandwidth - QPSK

26 dB Bandwidth (kHz)											
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	374.0	N/T	9694.3	N/T	365.3	N/T	9621.7	N/T	388.7	N/T	9674.4

709 MHz - 1 Resource Block - Middle