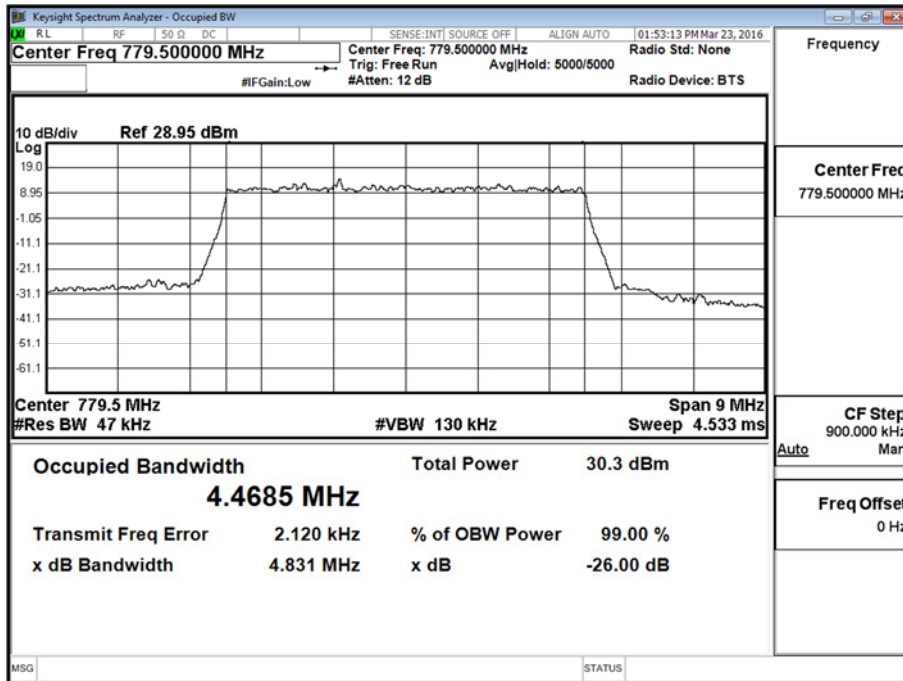
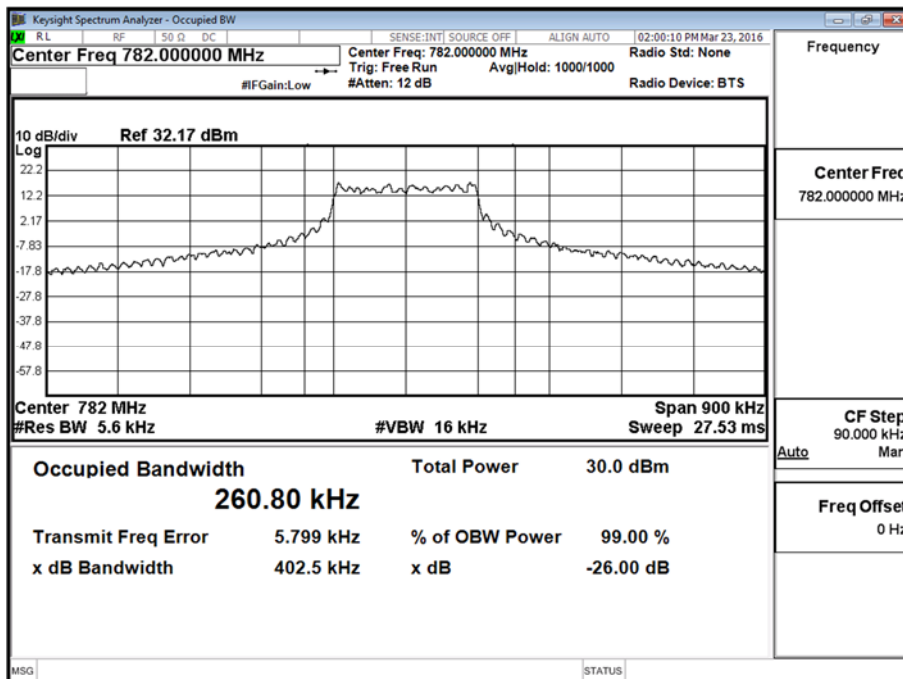




779.5 MHz - All Resource Blocks

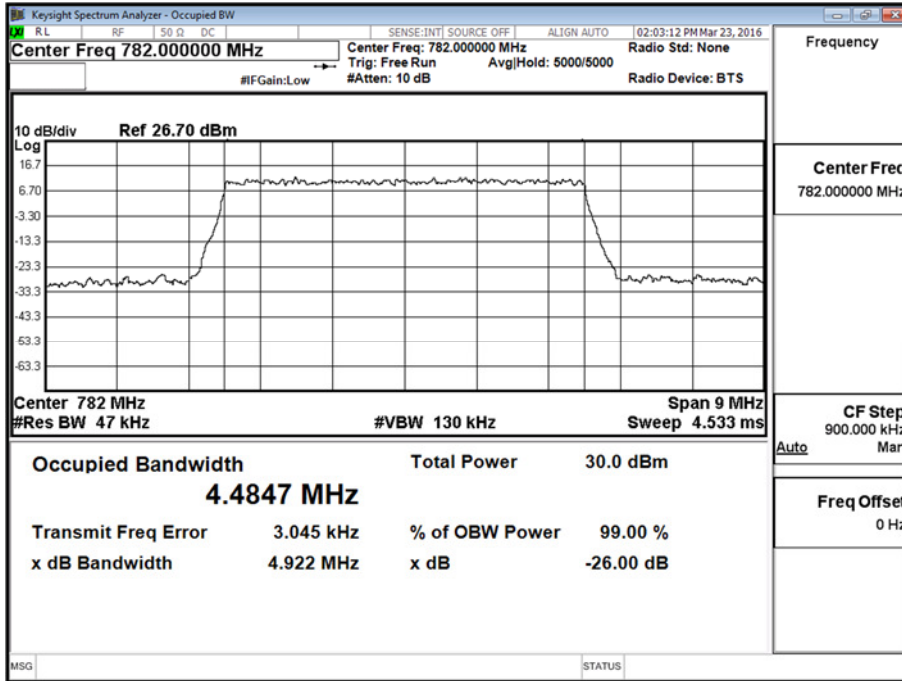


782 MHz - 1 Resource Block - Middle

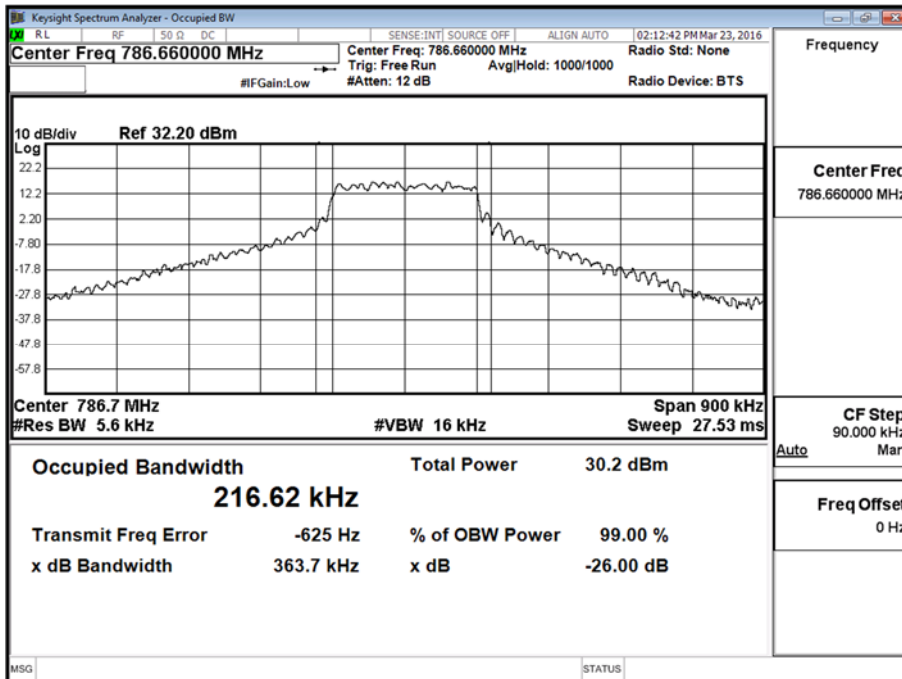




782 MHz - All Resource Blocks



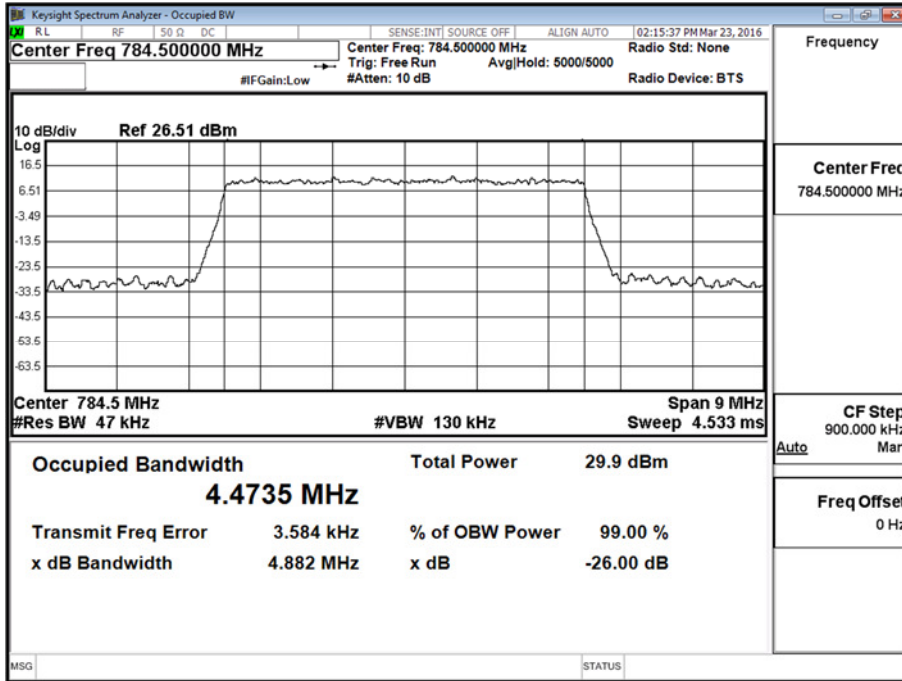
784.5 MHz - 1 Resource Block - Middle





Product Service

784.5 MHz - All Resource Blocks



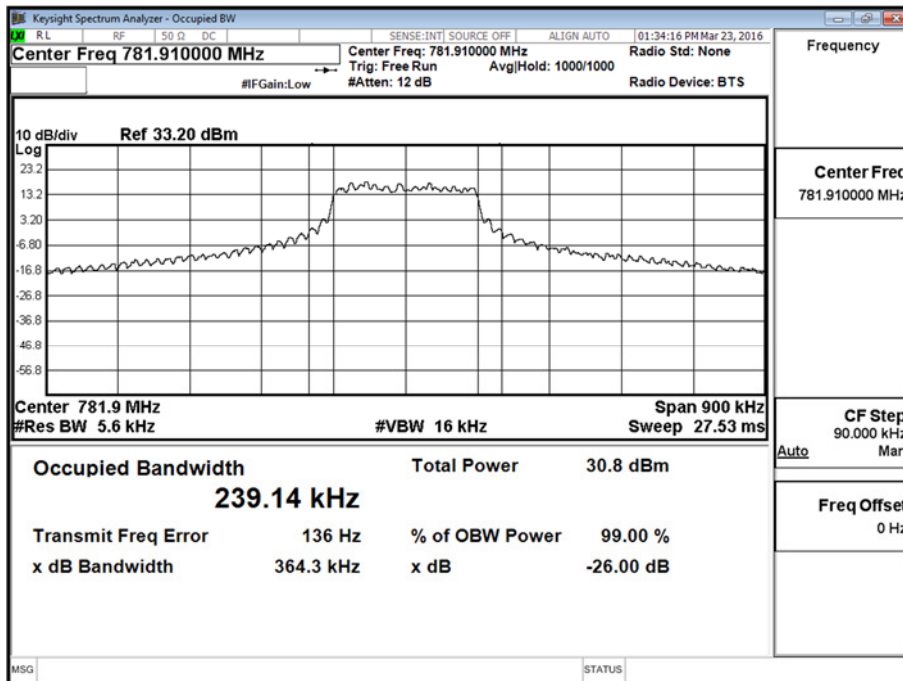


Product Service

10.0 MHz Bandwidth - QPSK

26 dB Bandwidth (kHz)			
782.0 MHz			
1 Resource Block			All Resource Blocks
Low	Mid	High	
N/T	364.3	N/T	9648.6

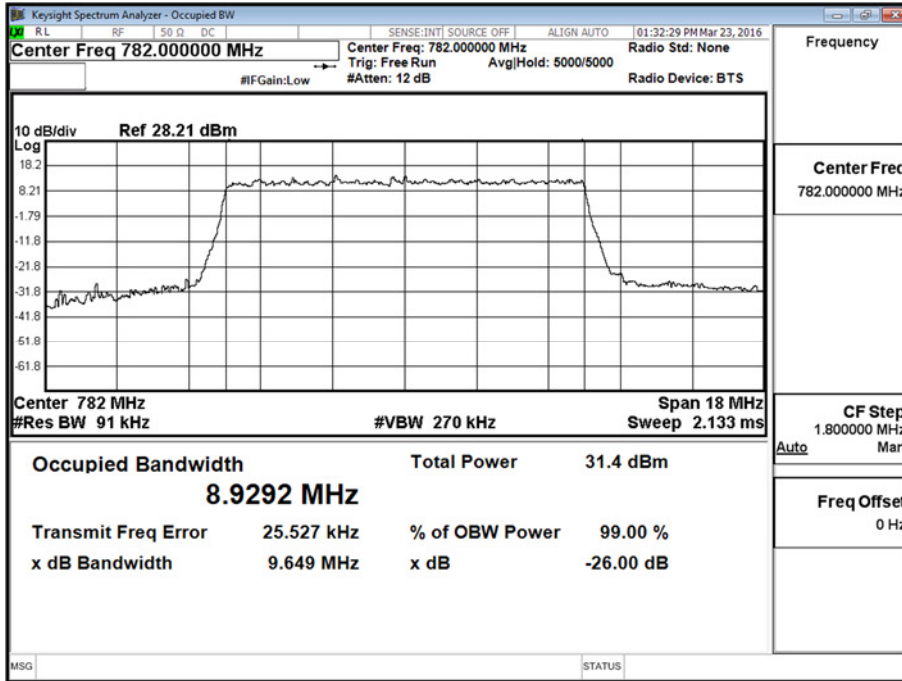
782.0 MHz - 1 Resource Block - Middle





Product Service

782.0 MHz - All Resource Blocks



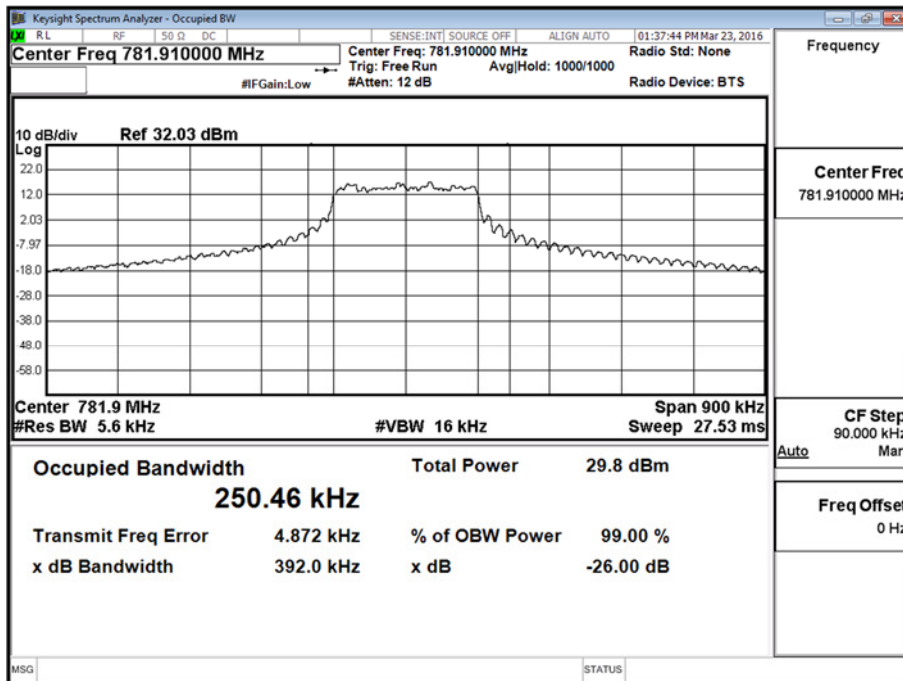


Product Service

10.0 MHz Bandwidth - 16-QAM

26 dB Bandwidth (kHz)			
782.0 MHz			
1 Resource Block			All Resource Blocks
Low	Mid	High	
N/T	392.0	N/T	9663.9

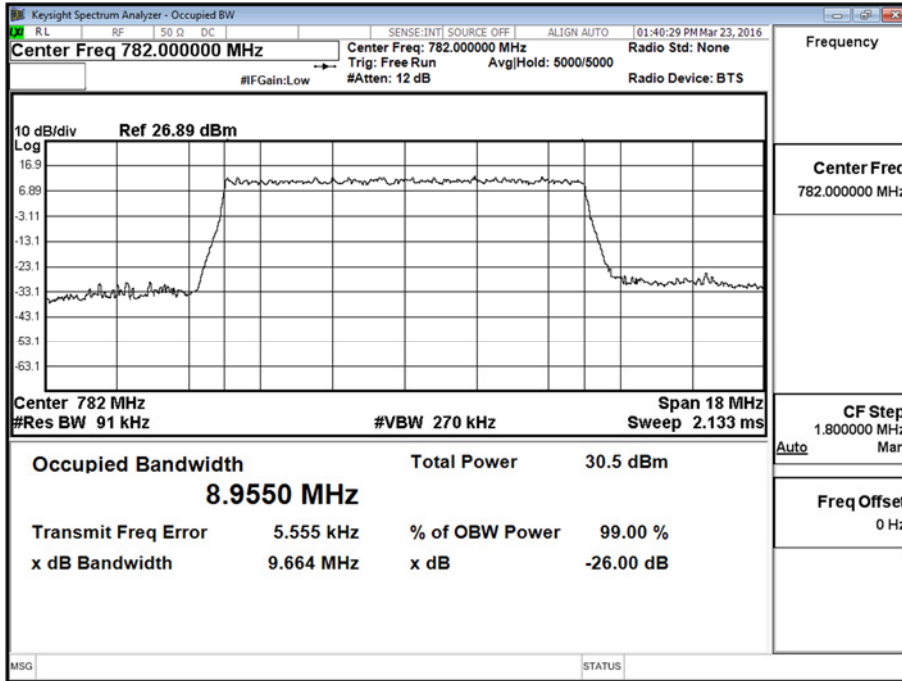
782.0 MHz - 1 Resource Block - Middle





Product Service

782.0 MHz - All Resource Blocks



FCC 47 CFR Part 27, Limit Clause

None specified



Product Service

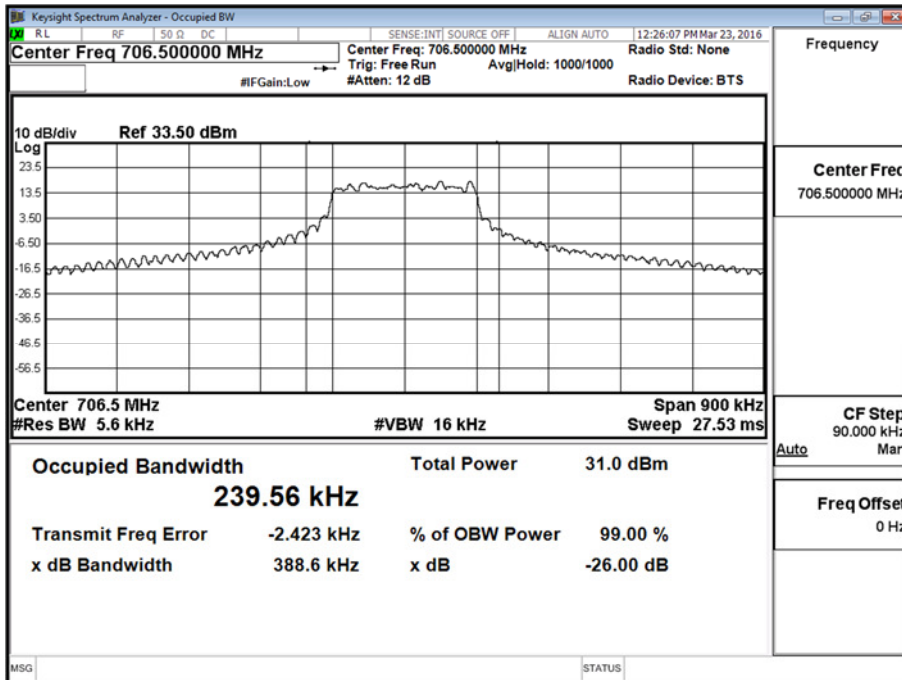
4.0 V DC Supply

LTE FDD17, 26 dB Bandwidth Results

5.0 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	388.6	N/T	4899.2	N/T	407.0	N/T	4882.9	N/T	406.4	N/T	4908.3

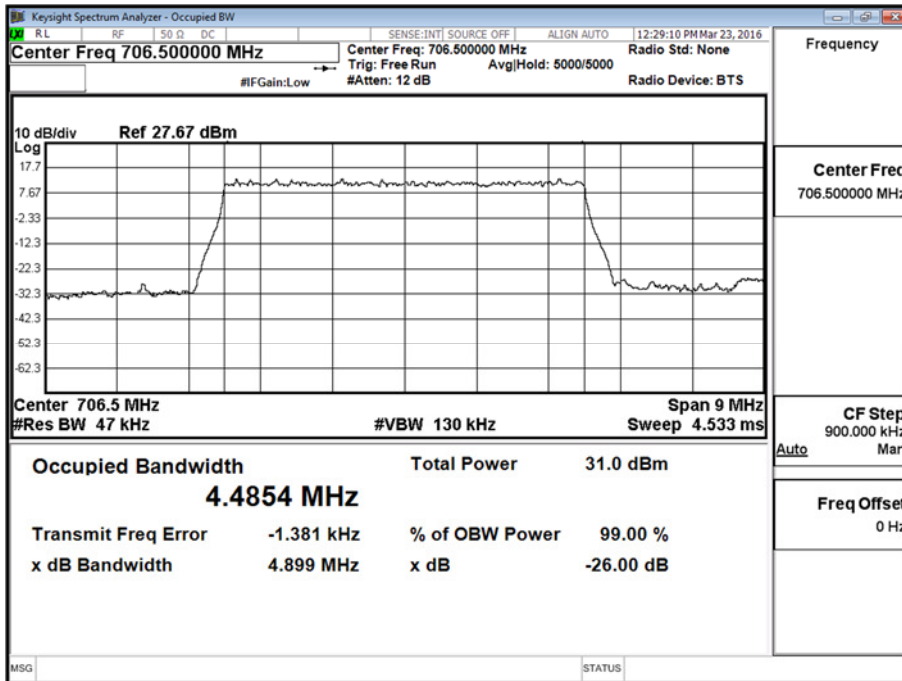
706.5 MHz - 1 Resource Block - Middle



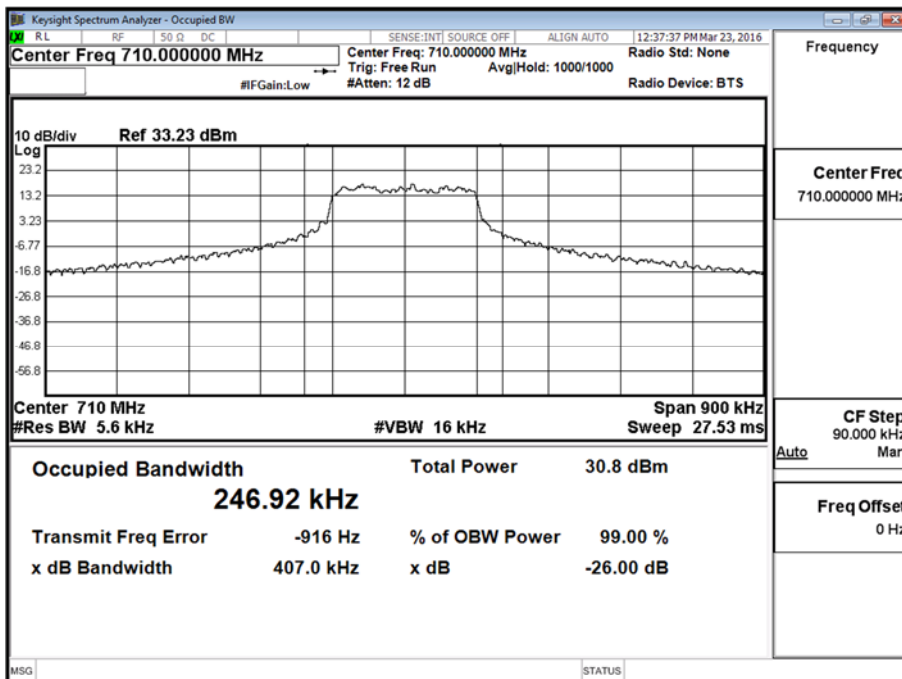




706.5 MHz - All Resource Blocks

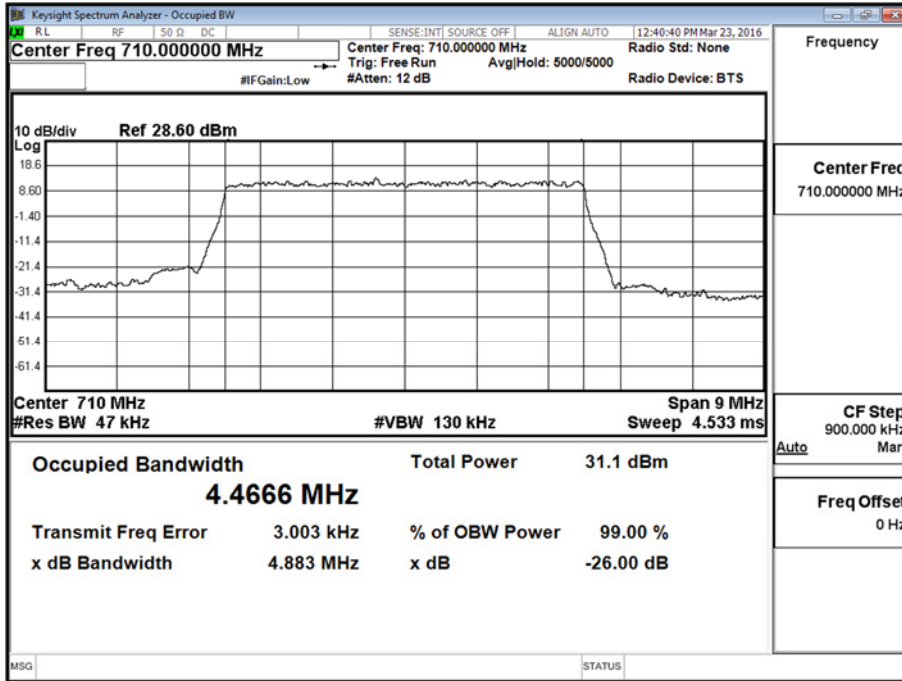


710 MHz - 1 Resource Block - Middle

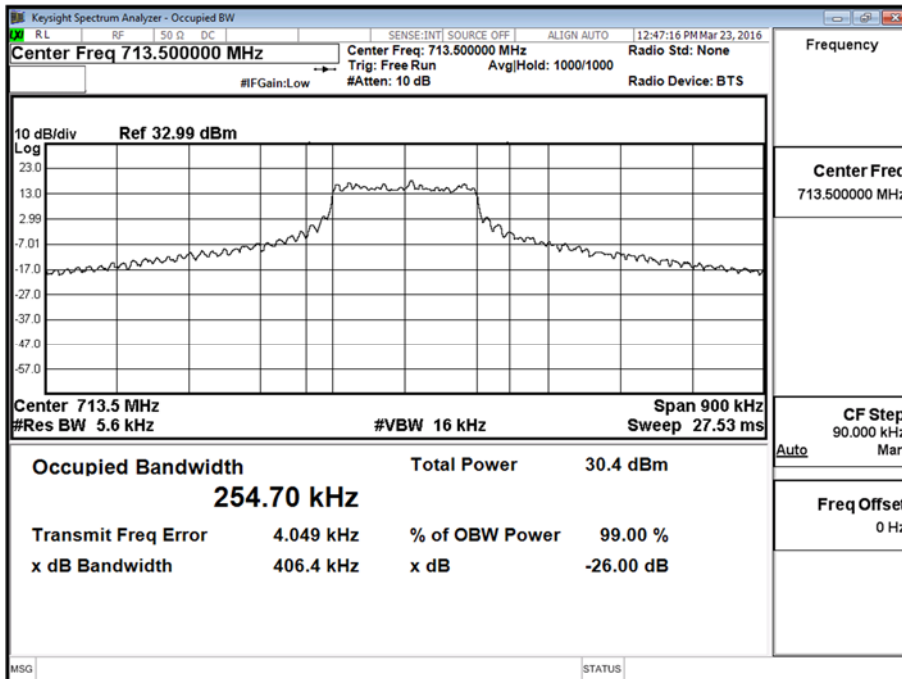




710 MHz - All Resource Blocks



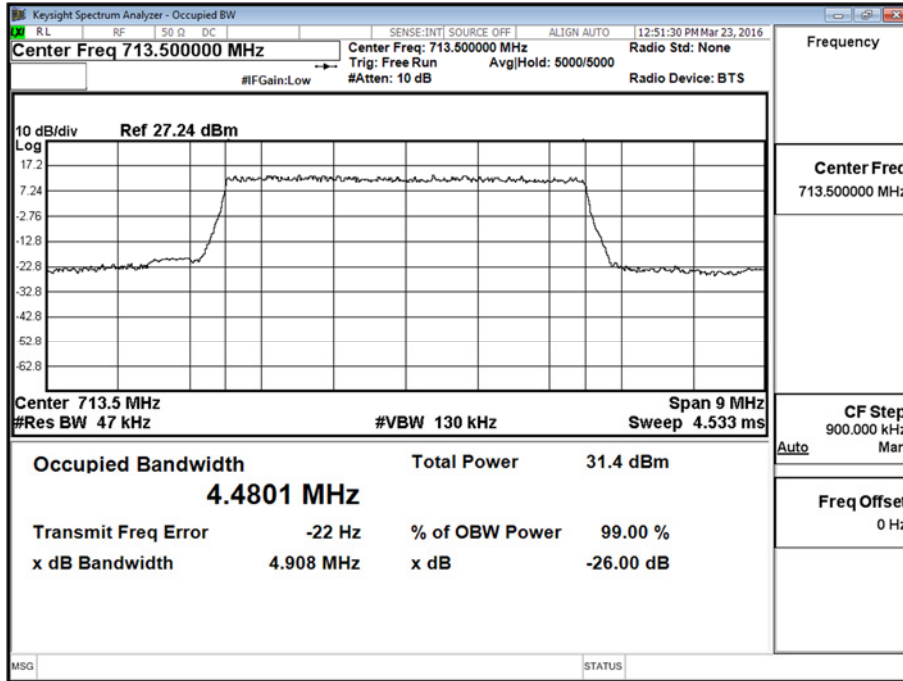
713.5 MHz - 1 Resource Block - Middle





Product Service

713.5 MHz - All Resource Blocks



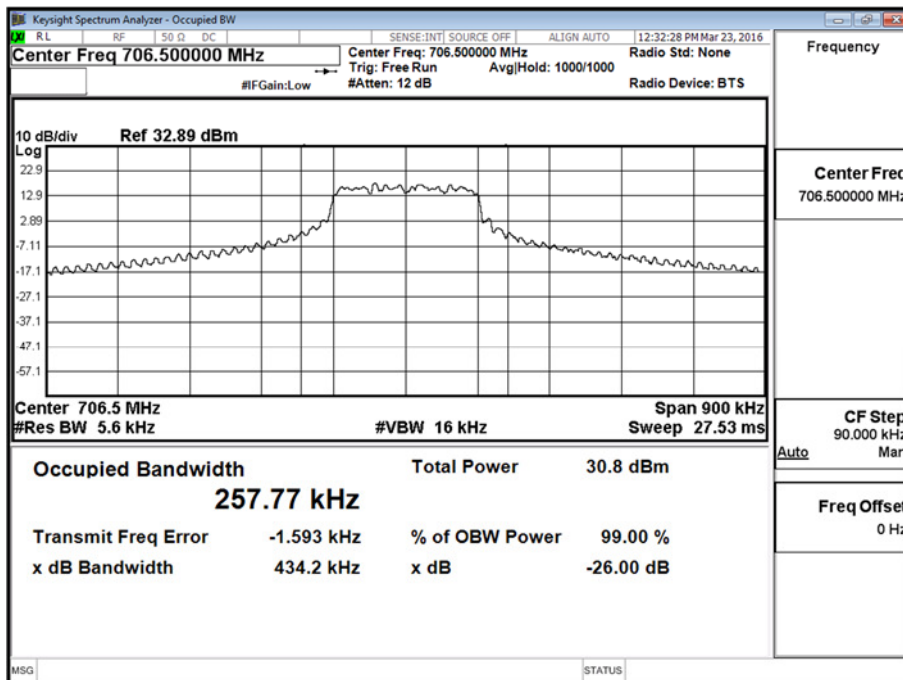


Product Service

5.0 MHz Bandwidth - 16-QAM

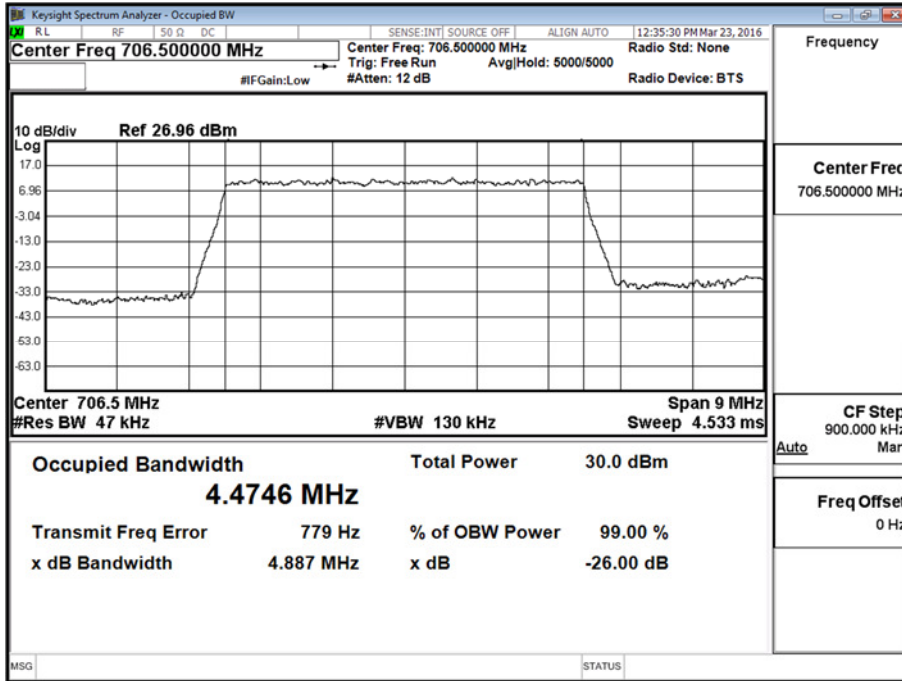
26 dB Bandwidth (kHz)											
706.5 MHz			710.0 MHz				713.5 MHz				
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	434.2	N/T	4886.8	N/T	408.6	N/T	4816.4	N/T	492.0	N/T	4920.4

706.5 MHz - 1 Resource Block - Middle

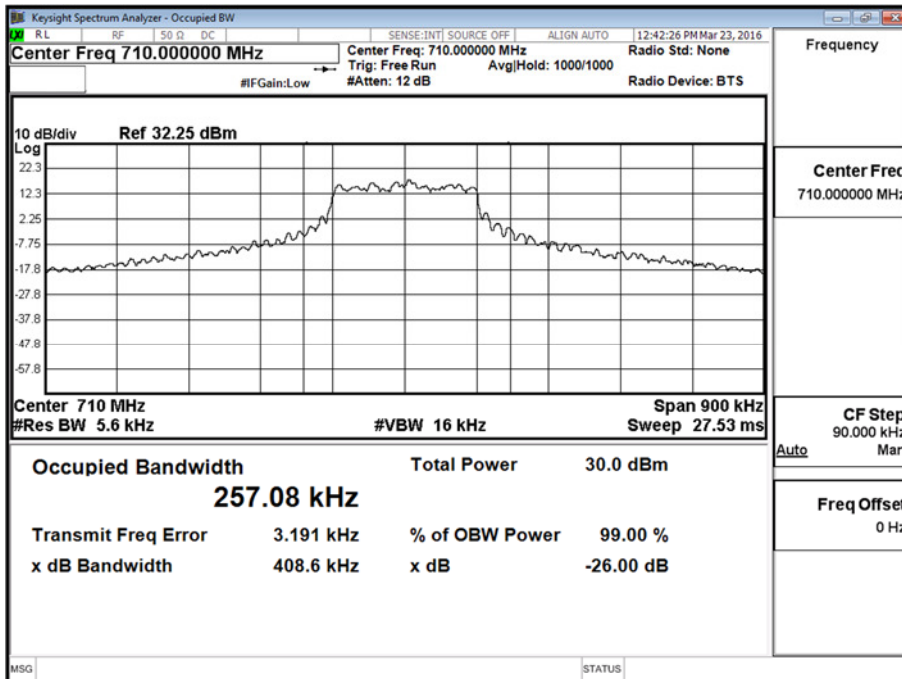




706.5 MHz - All Resource Blocks

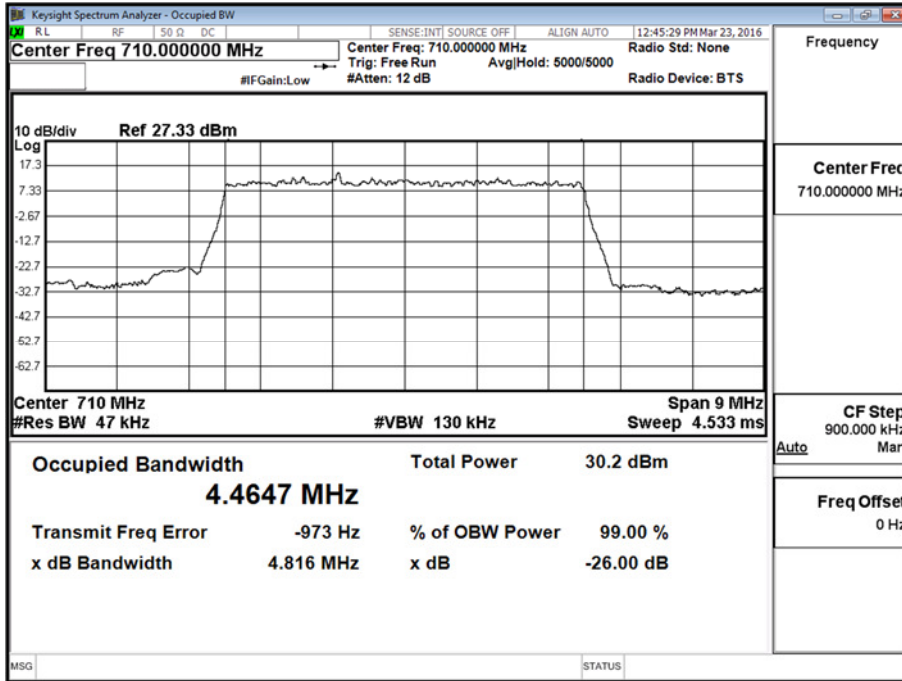


710 MHz - 1 Resource Block - Middle

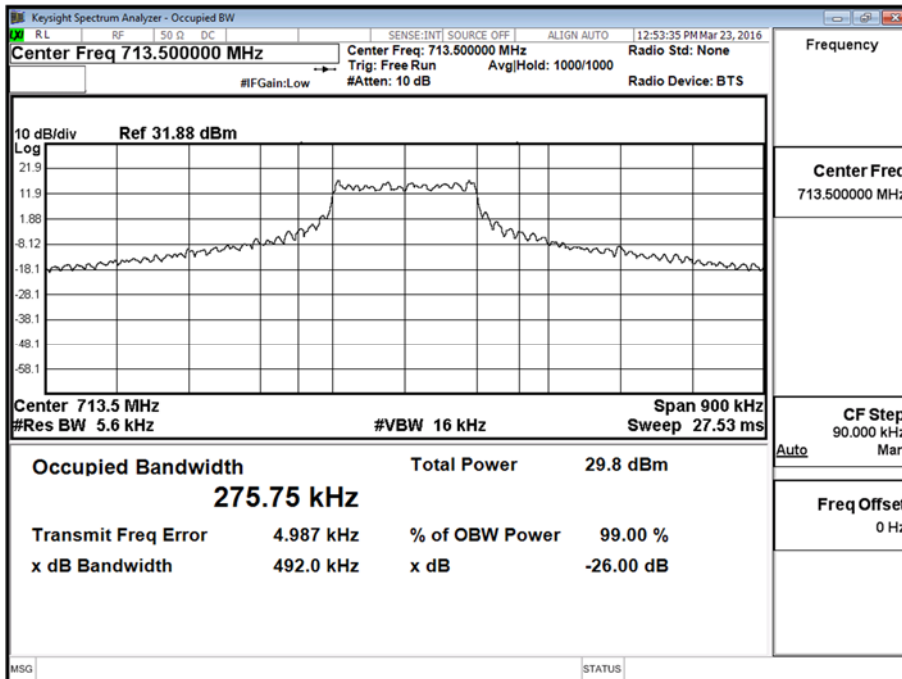




710 MHz - All Resource Blocks



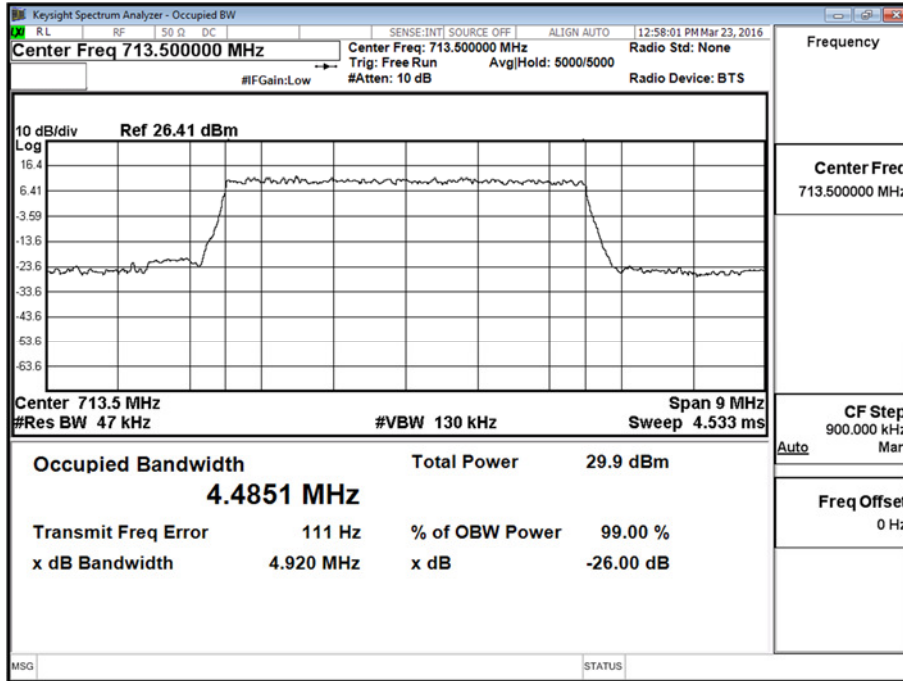
713.5 MHz - 1 Resource Block - Middle





Product Service

713.5 MHz - All Resource Blocks



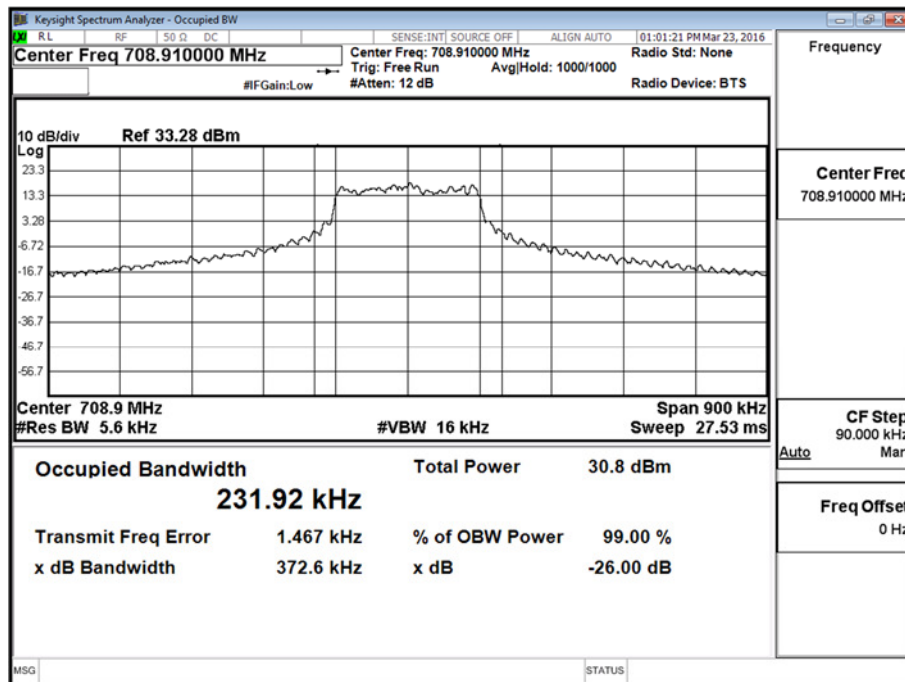


Product Service

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	372.6	N/T	9663.5	N/T	383.4	N/T	9617.1	N/T	376.8	N/T	9689.1

709 MHz - 1 Resource Block - Middle

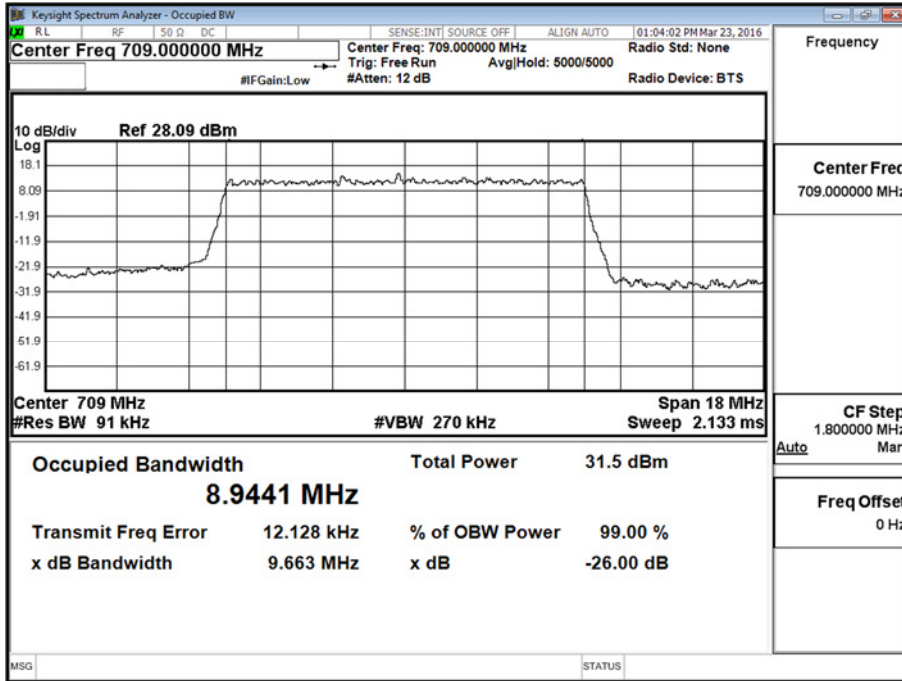




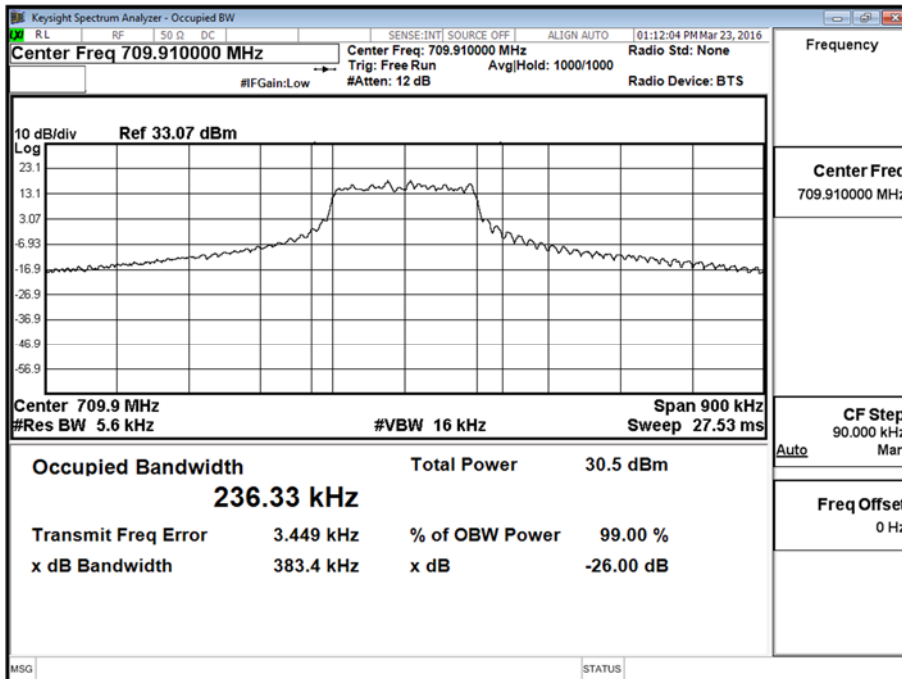


Product Service

709 MHz - All Resource Blocks

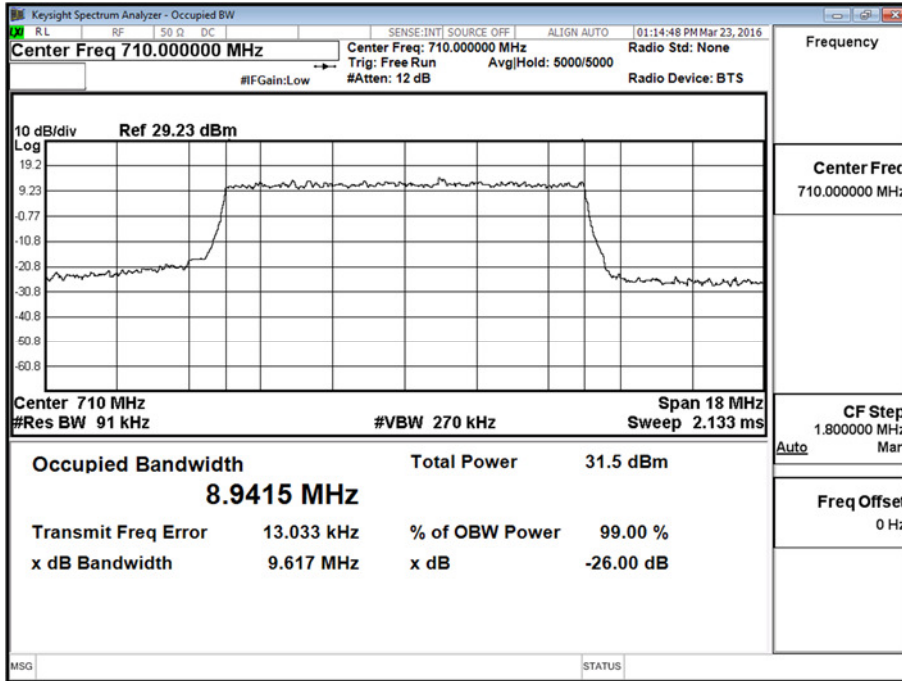


710 MHz - 1 Resource Block - Middle

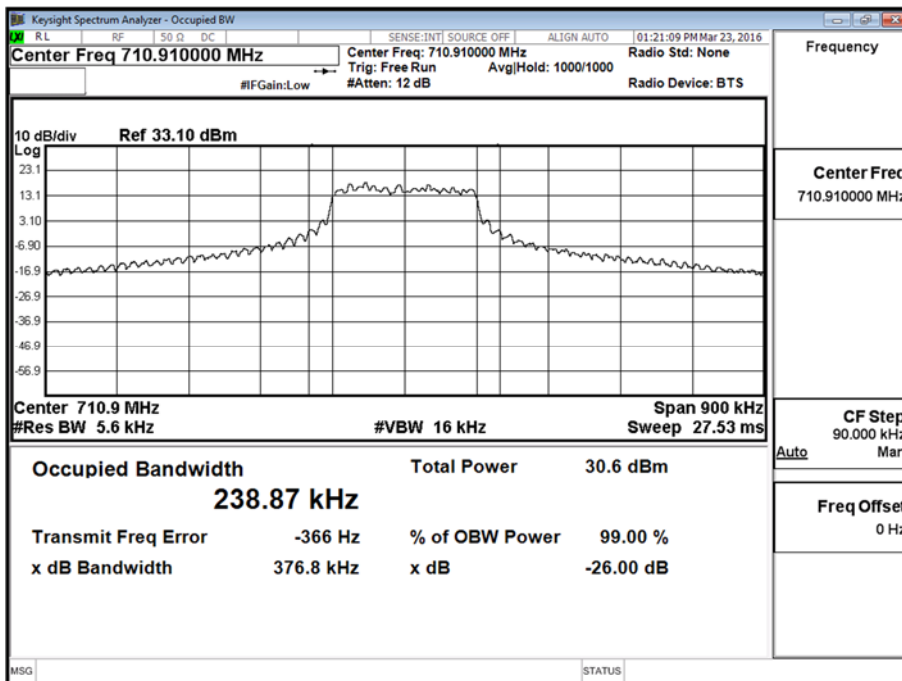




710 MHz - All Resource Blocks



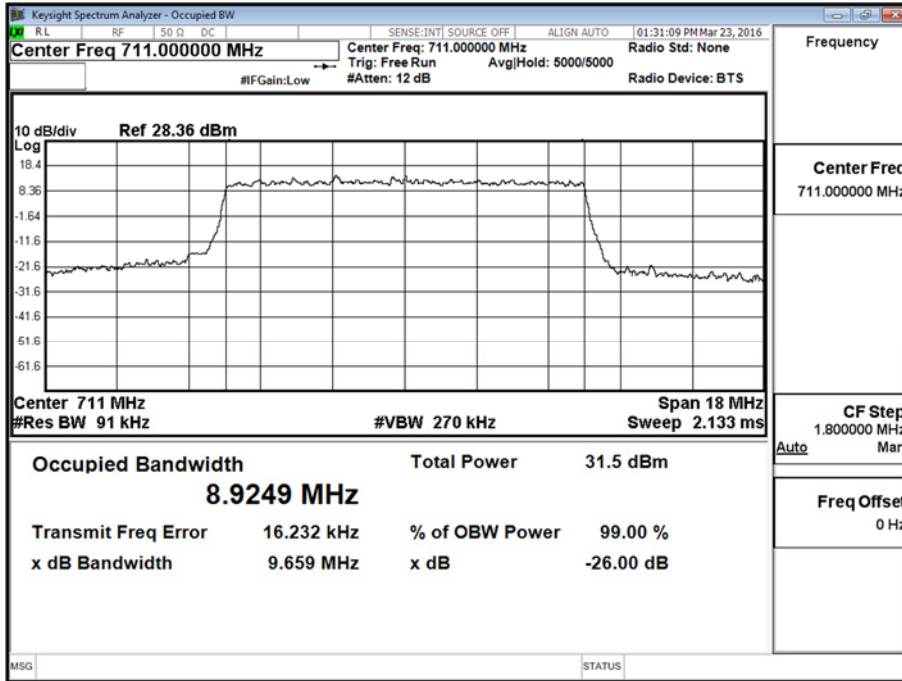
711 MHz - 1 Resource Block - Middle





Product Service

711 MHz - All Resource Blocks



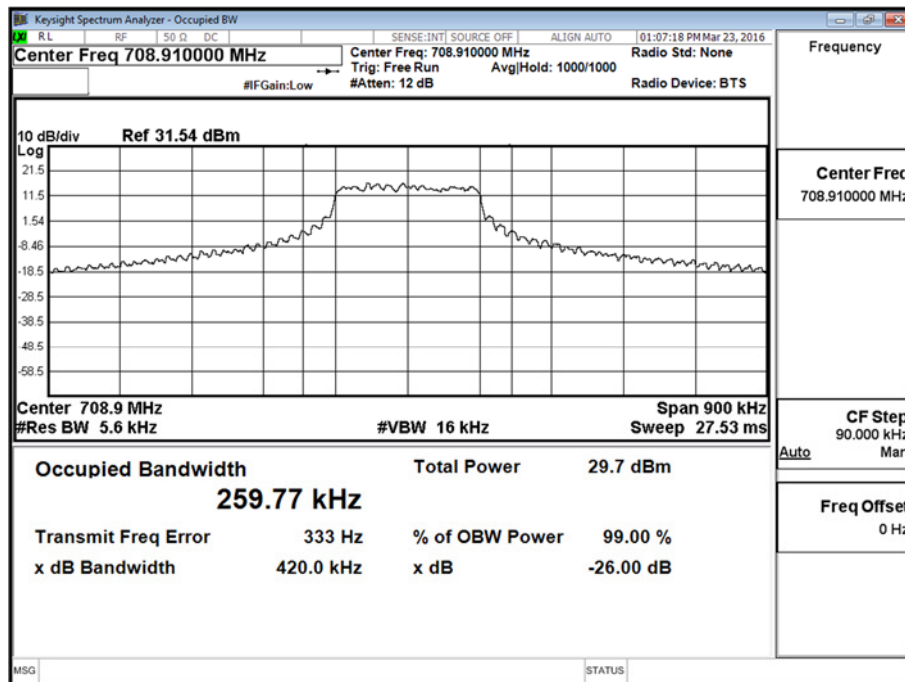


Product Service

10.0 MHz Bandwidth - 16-QAM

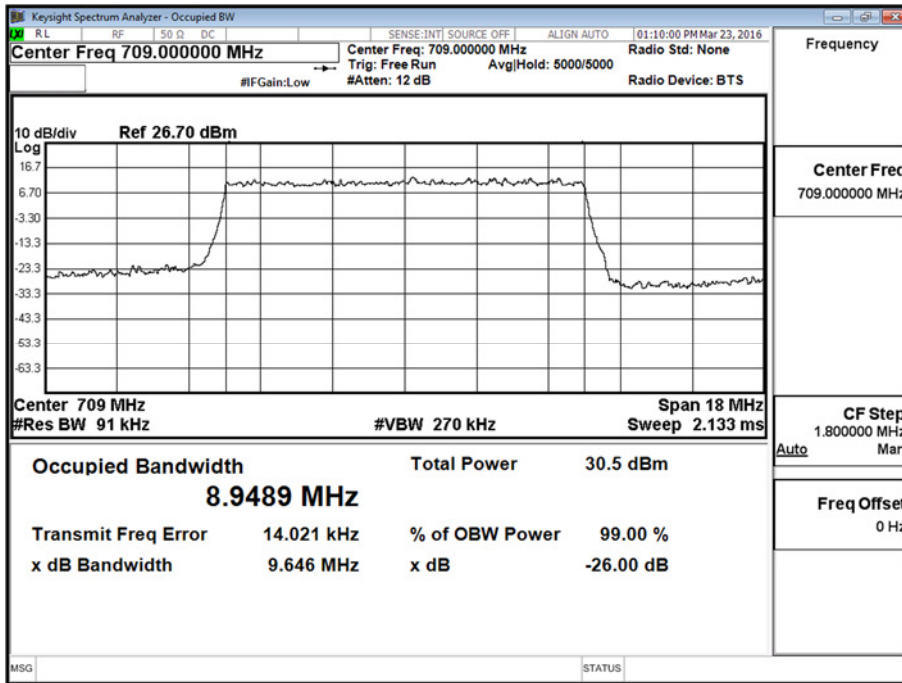
26 dB Bandwidth (kHz)											
709.0 MHz			710.0 MHz				711.0 MHz				
1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks	1 Resource Block			All Resource Blocks
Low	Mid	High		Low	Mid	High		Low	Mid	High	
N/T	420.0	N/T	9645.9	N/T	453.3	N/T	9663.3	N/T	405.2	N/T	9665.5

709 MHz - 1 Resource Block - Middle

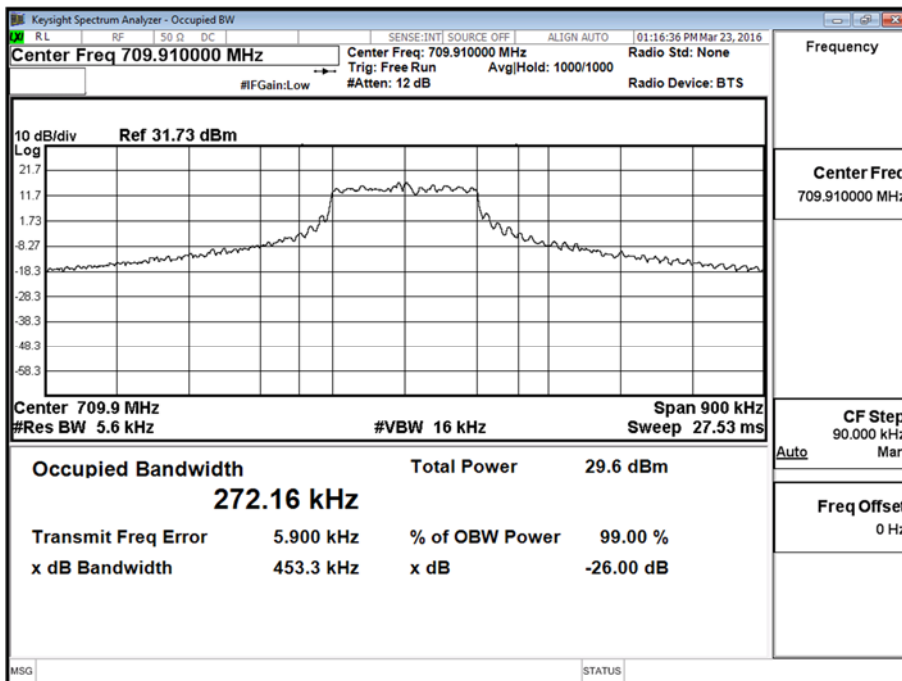




709 MHz - All Resource Blocks

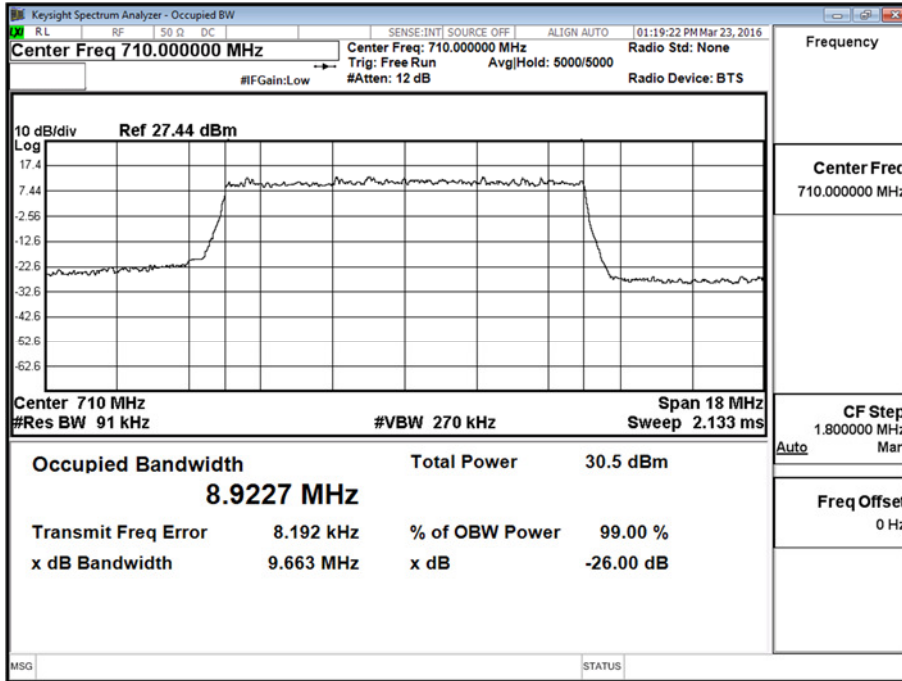


710 MHz - 1 Resource Block - Middle

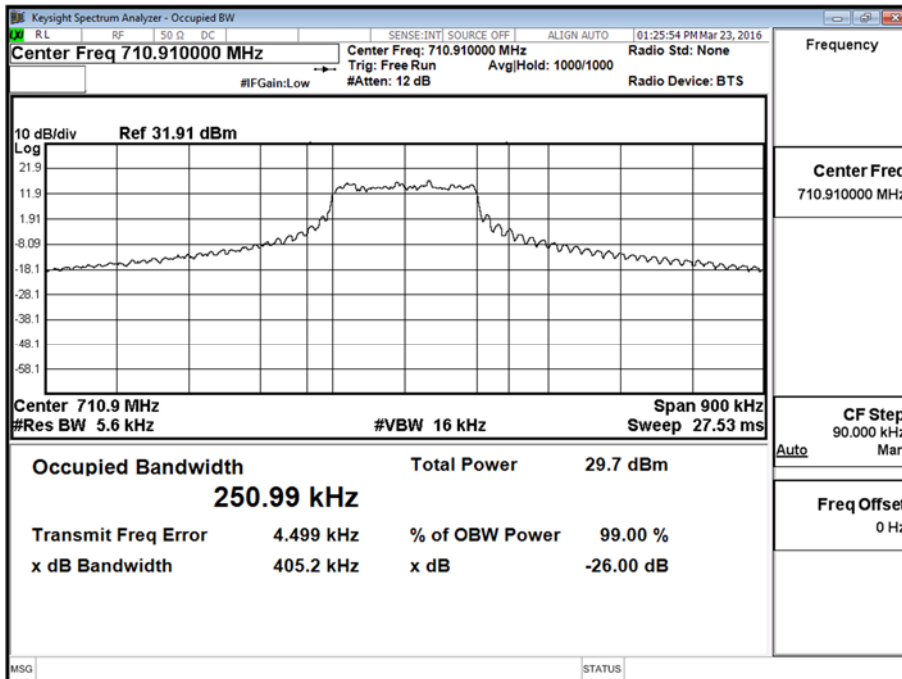




710 MHz - All Resource Blocks



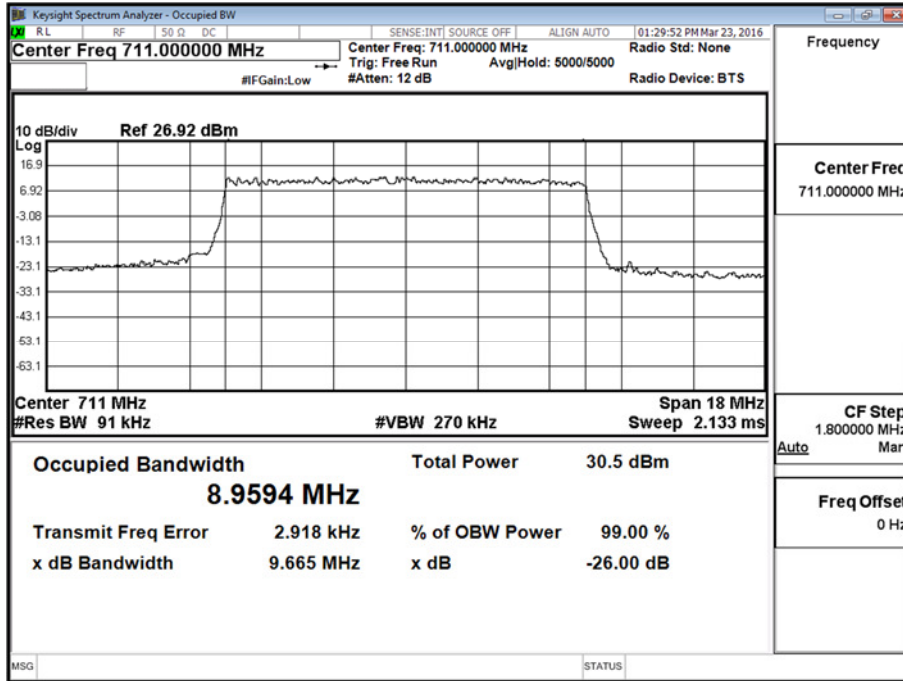
711 MHz - 1 Resource Block - Middle





Product Service

711 MHz - All Resource Blocks



FCC 47 CFR Part 27, Limit Clause

None specified



Product Service

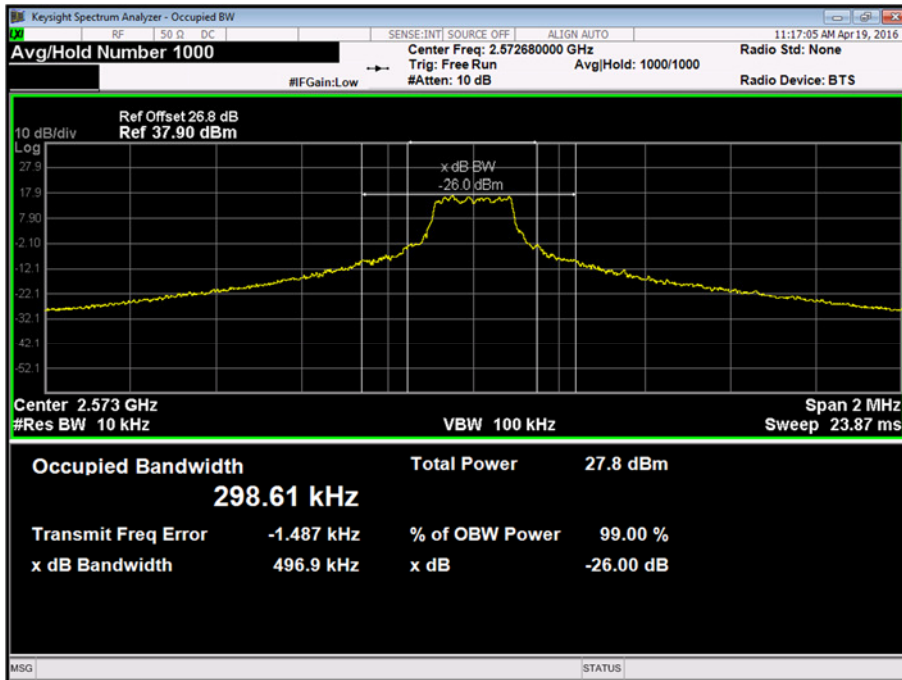
4.0 V DC Supply

LTE TDD38, 26 dB Bandwidth Results

5.0 MHz Bandwidth - QPSK

26 dB Bandwidth (kHz)											
2572.5 MHz				2595.0 MHz				2617.5 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	496.6	N/T	4901.0	N/T	459.1	N/T	4893.0	N/T	436.6	N/T	4833.0

2572.5 MHz - 1 Resource Block - Middle

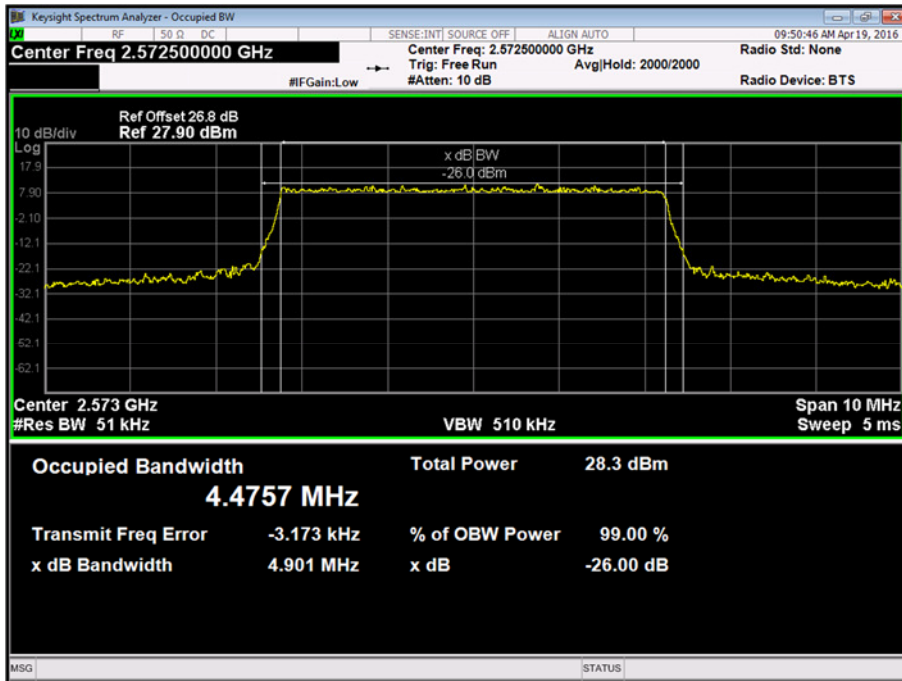




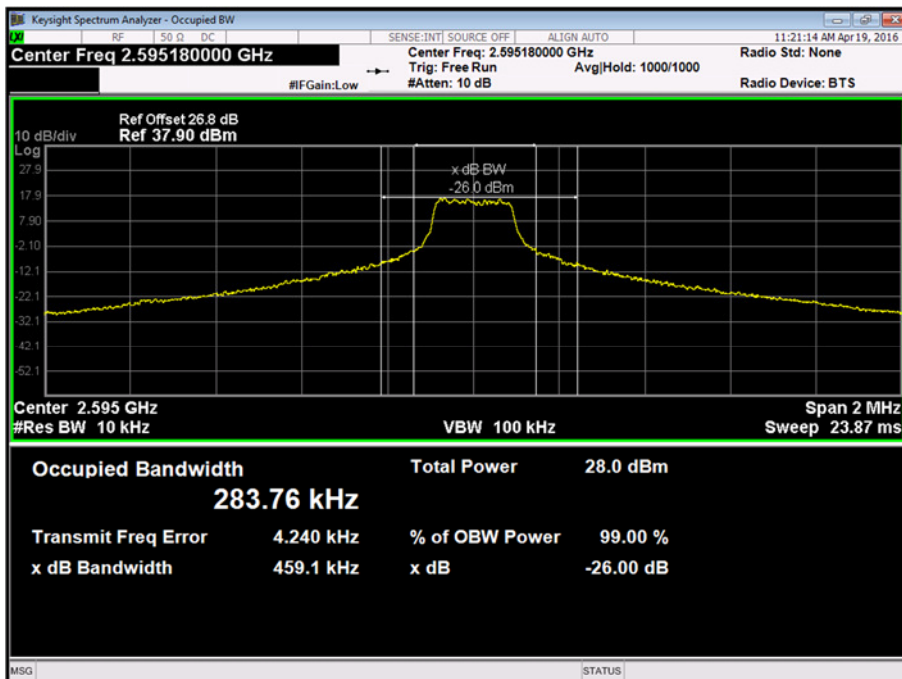


Product Service

2572.5 MHz - All Resource Blocks



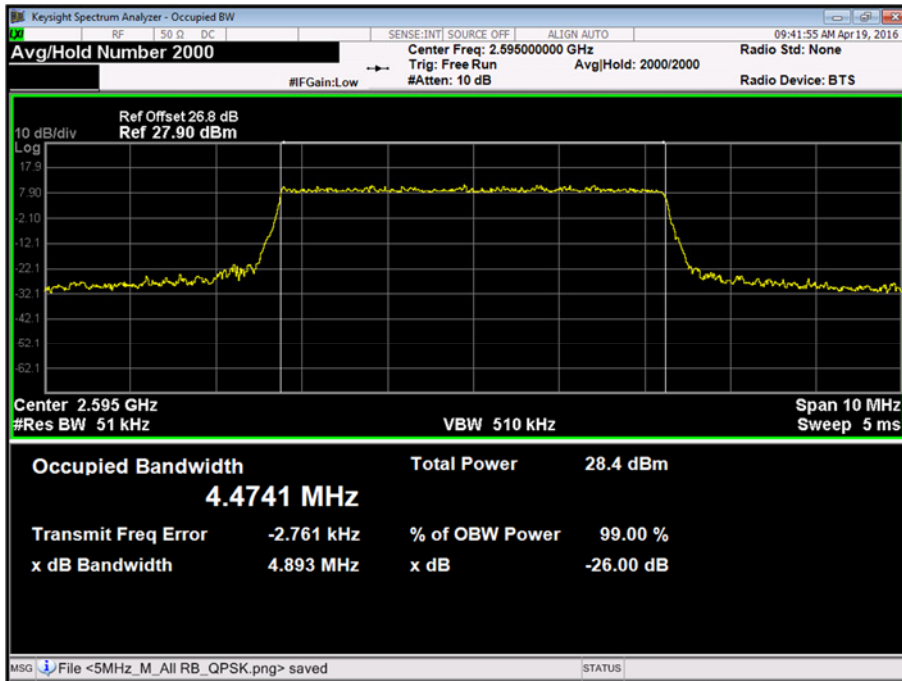
2595.0 MHz - 1 Resource Block - Middle



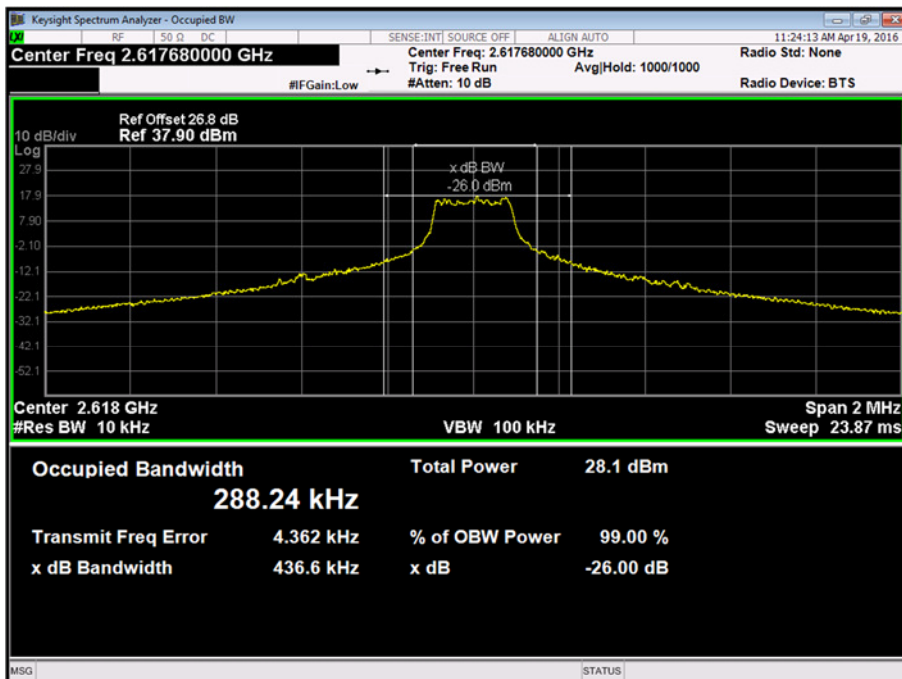


Product Service

2595.0 MHz - All Resource Blocks



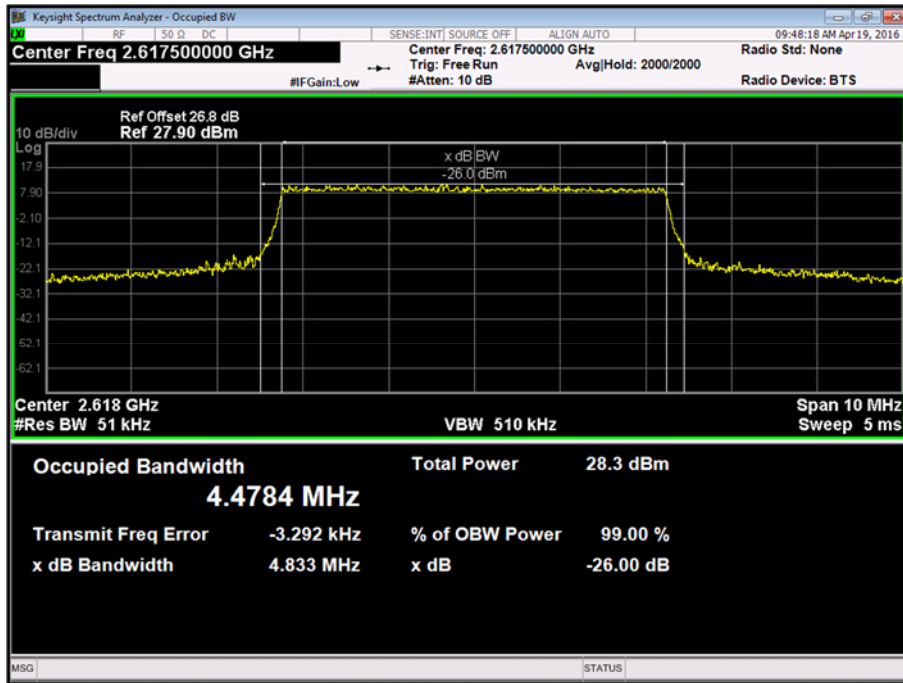
2617.5 MHz - 1 Resource Block - Middle





Product Service

2617.5 MHz - All Resource Blocks



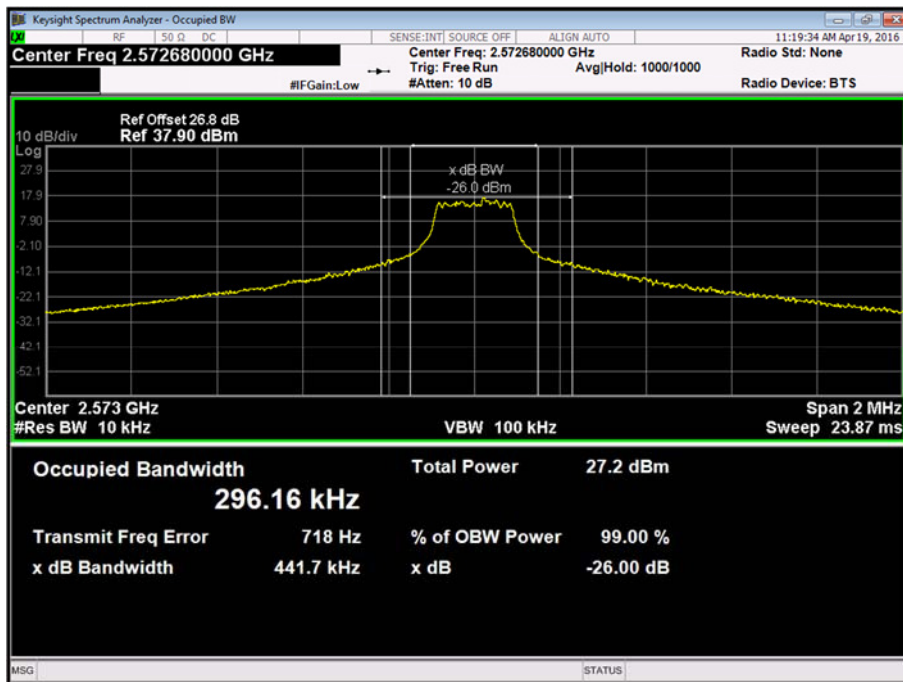


Product Service

5.0 MHz Bandwidth - 16-QAM

26 dB Bandwidth (kHz)											
2572.5 MHz			2595.0 MHz				2617.5 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	441.7	N/T	4885.0	N/T	396.4	N/T	4889.0	N/T	464.9	N/T	4871.0

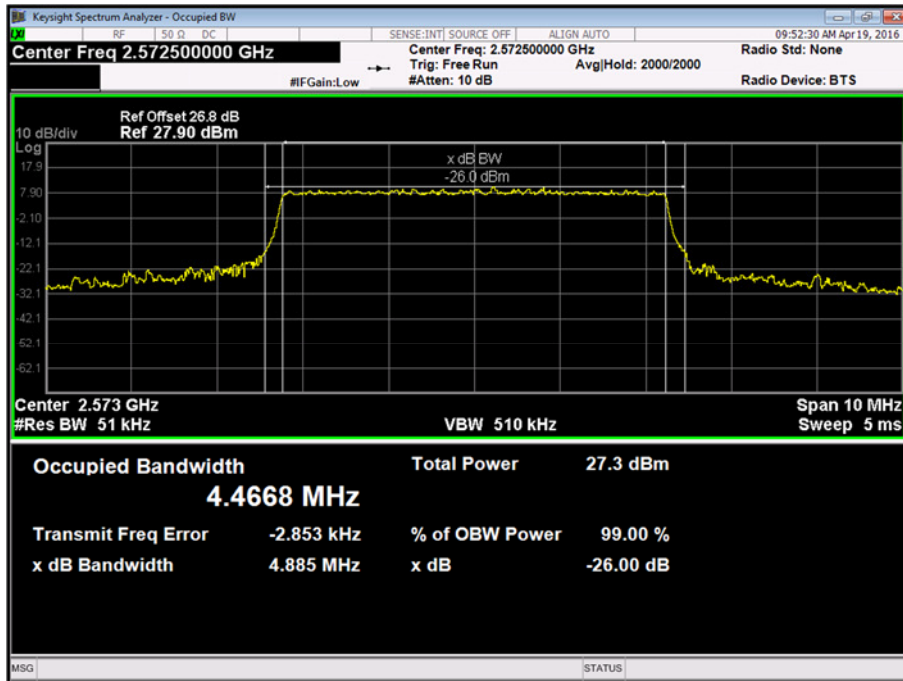
2572.5 MHz - 1 Resource Block - Middle



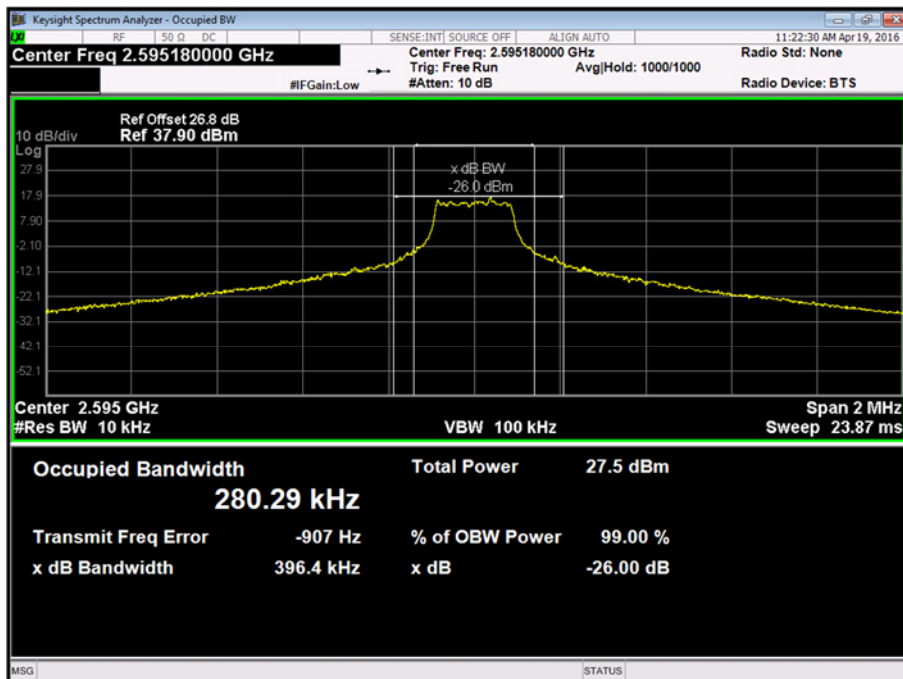


Product Service

2572.5 MHz - All Resource Blocks



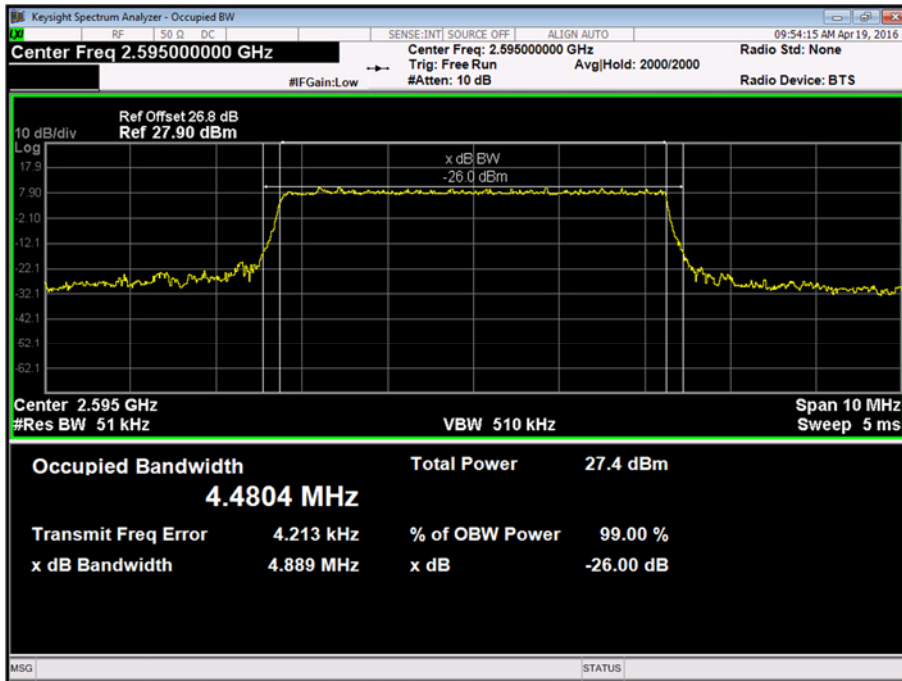
2595.0 MHz - 1 Resource Block - Middle



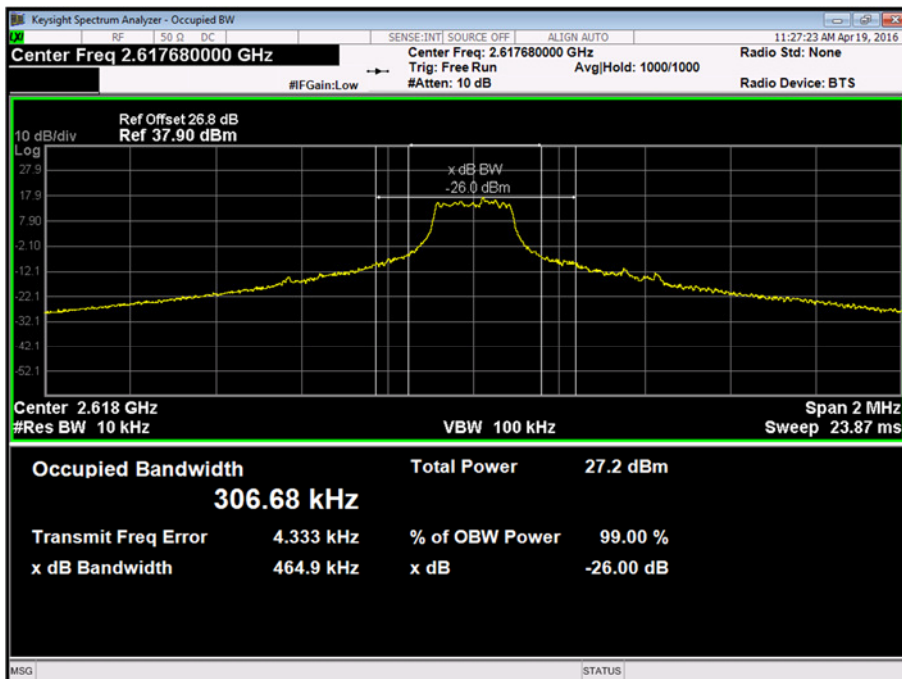


Product Service

2595.0 MHz - All Resource Blocks



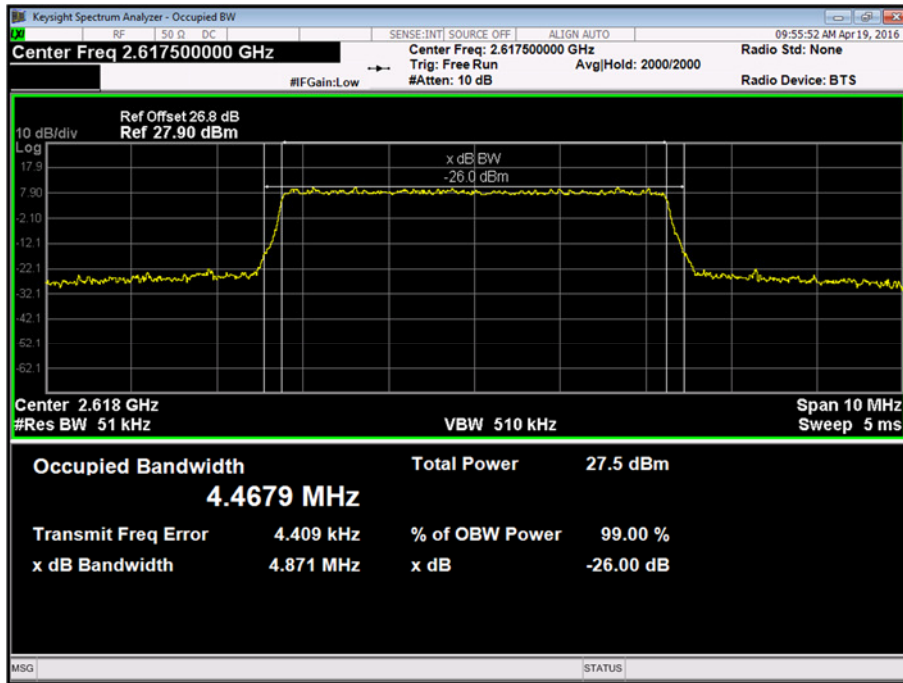
2617.5 MHz - 1 Resource Block - Middle





Product Service

2617.5 MHz - All Resource Blocks



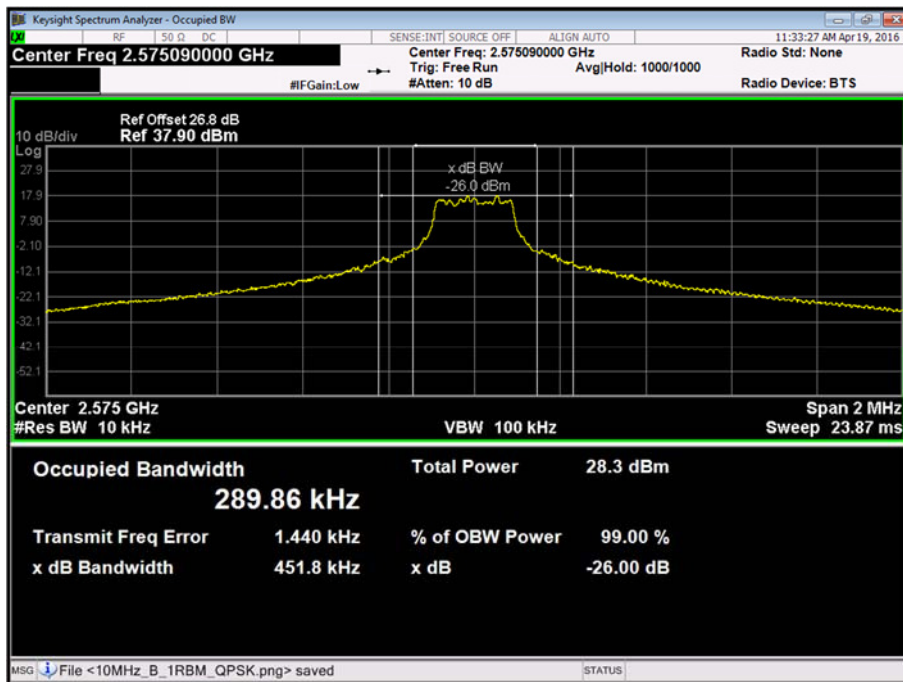


Product Service

10.0 MHz Bandwidth - QPSK

26 dB Bandwidth (kHz)											
2575.0 MHz			2595.0 MHz				2615.0 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	451.8	N/T	9662.0	N/T	451.1	N/T	9759.0	N/T	452.4	N/T	9681.0

2575.0 MHz - 1 Resource Block - Middle

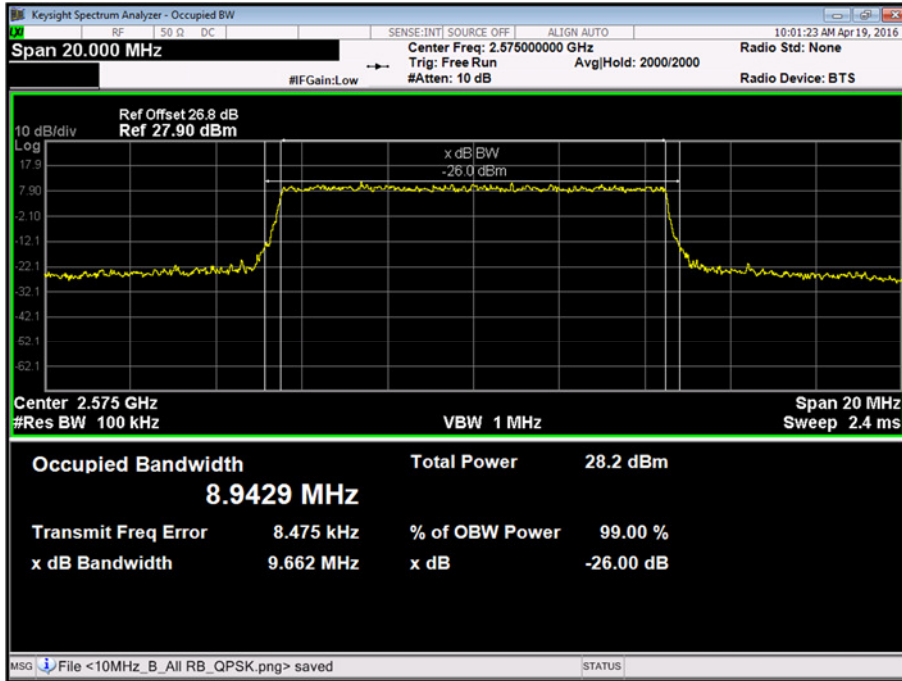




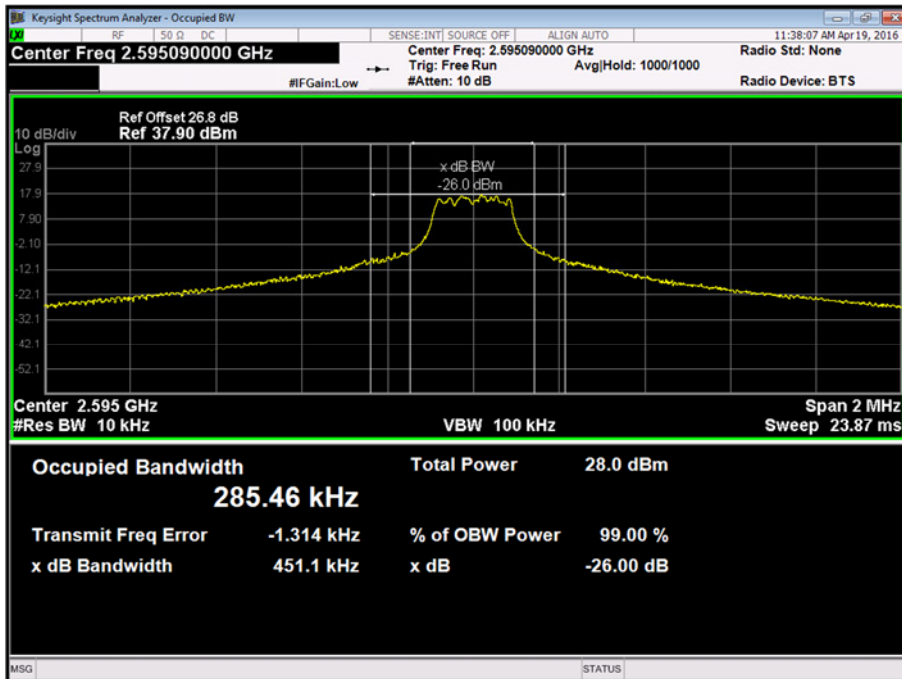


Product Service

2575.0 MHz - All Resource Blocks



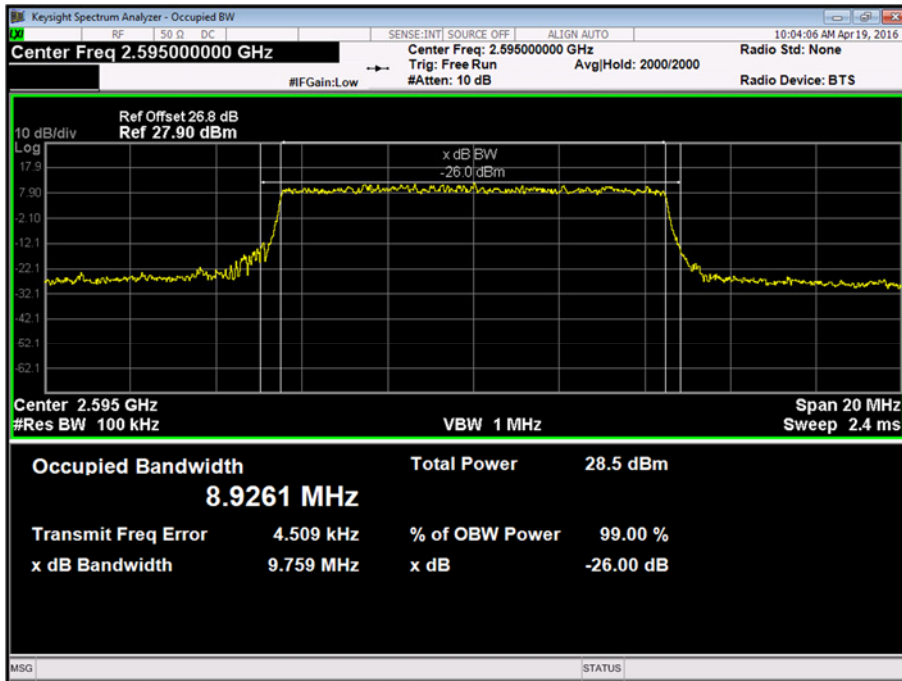
2595.0 MHz - 1 Resource Block - Middle



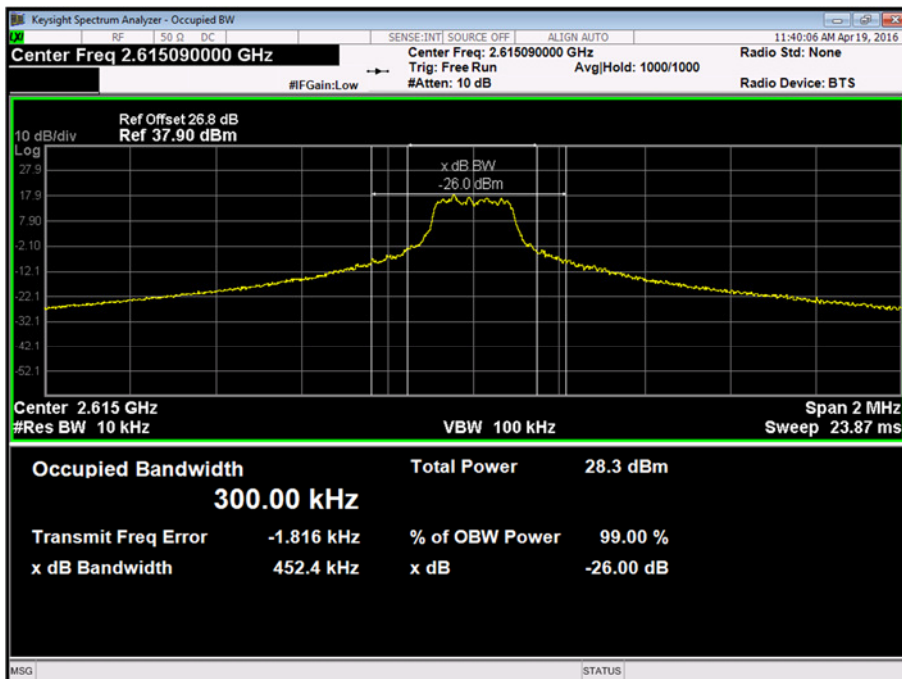


Product Service

2595.0 MHz - All Resource Blocks



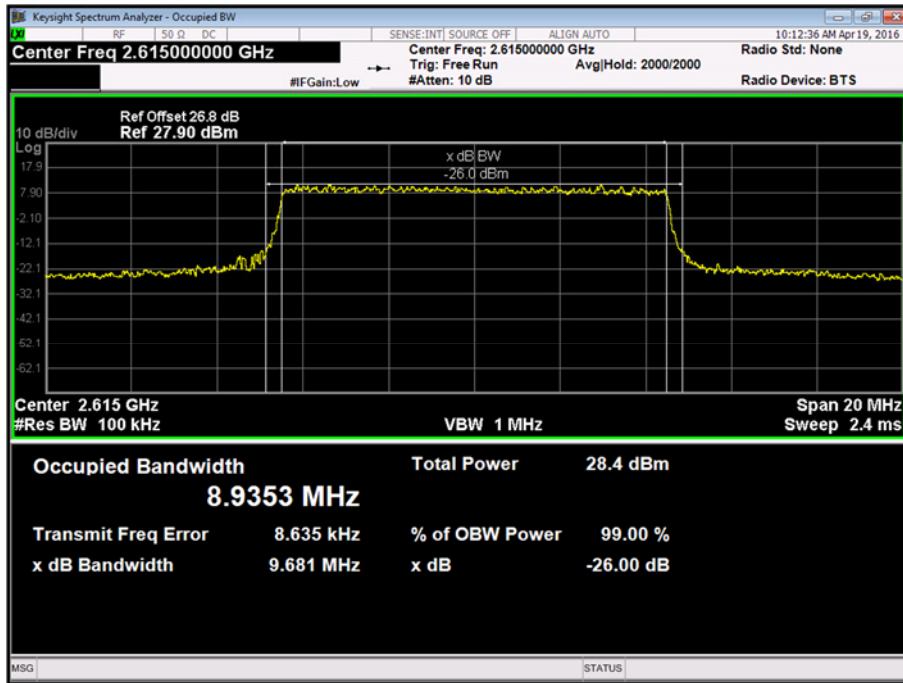
2615.0 MHz - 1 Resource Block - Middle





Product Service

2615.0 MHz - All Resource Blocks



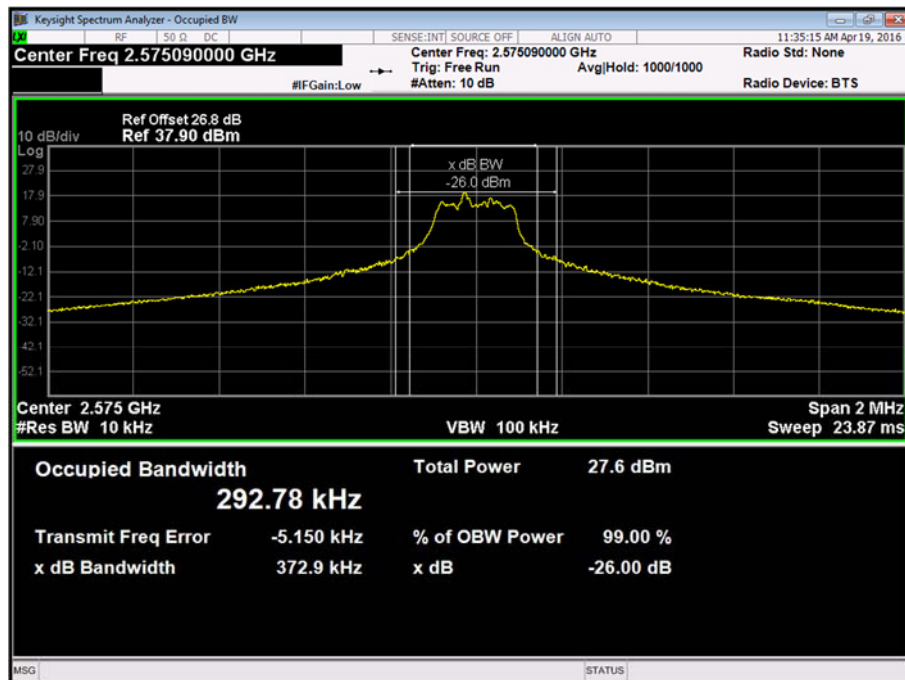


Product Service

10.0 MHz Bandwidth - 16-QAM

26 dB Bandwidth (kHz)											
2575.0 MHz			2595.0 MHz				2615.0 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	372.9	N/T	9561.0	N/T	442.9	N/T	9606.0	N/T	451.7	N/T	9577.0

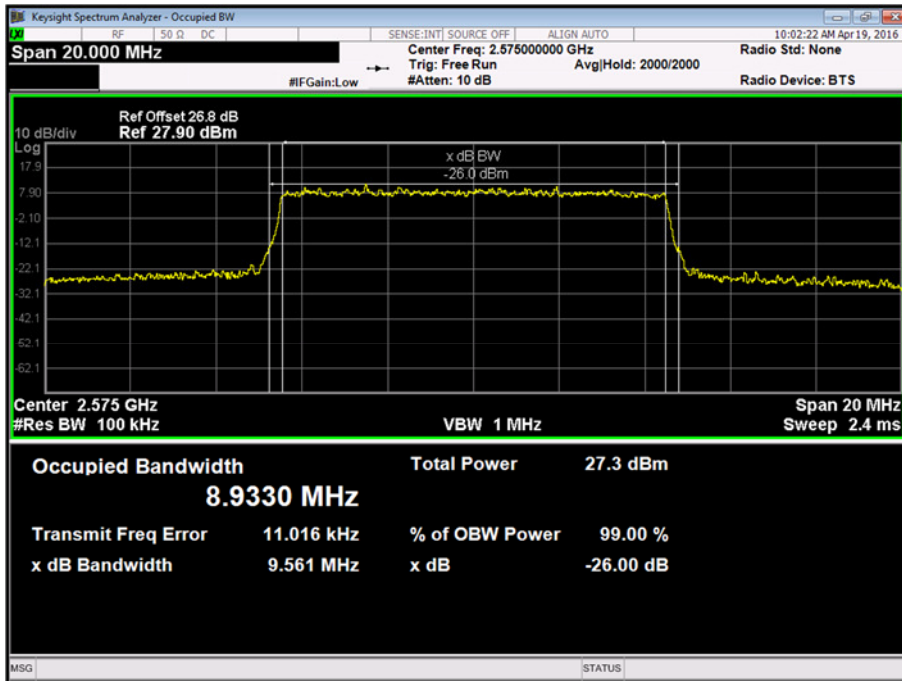
2575.0 MHz - 1 Resource Block - Middle



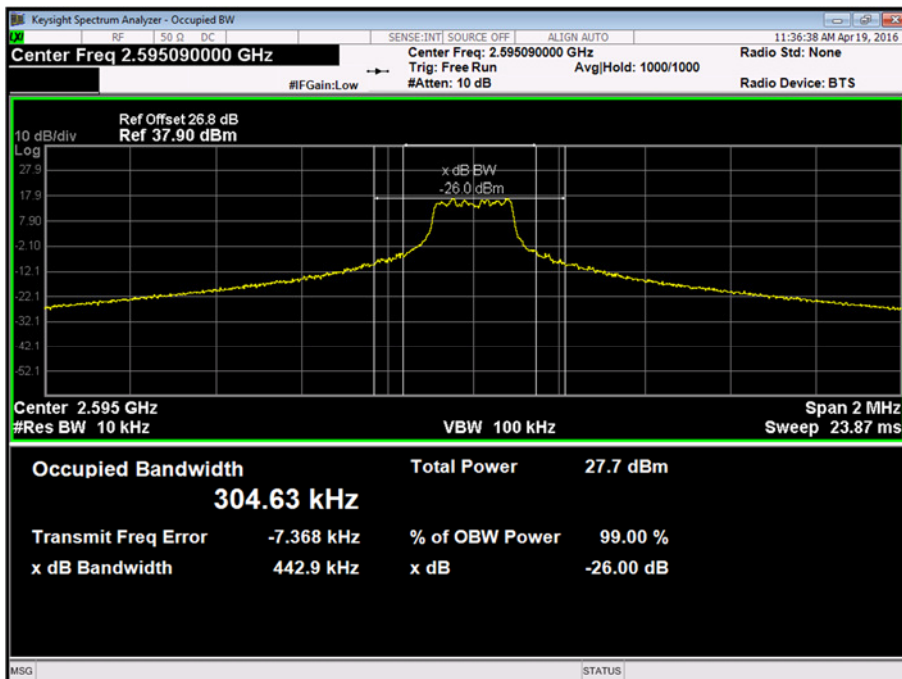


Product Service

2575.0 MHz - All Resource Blocks



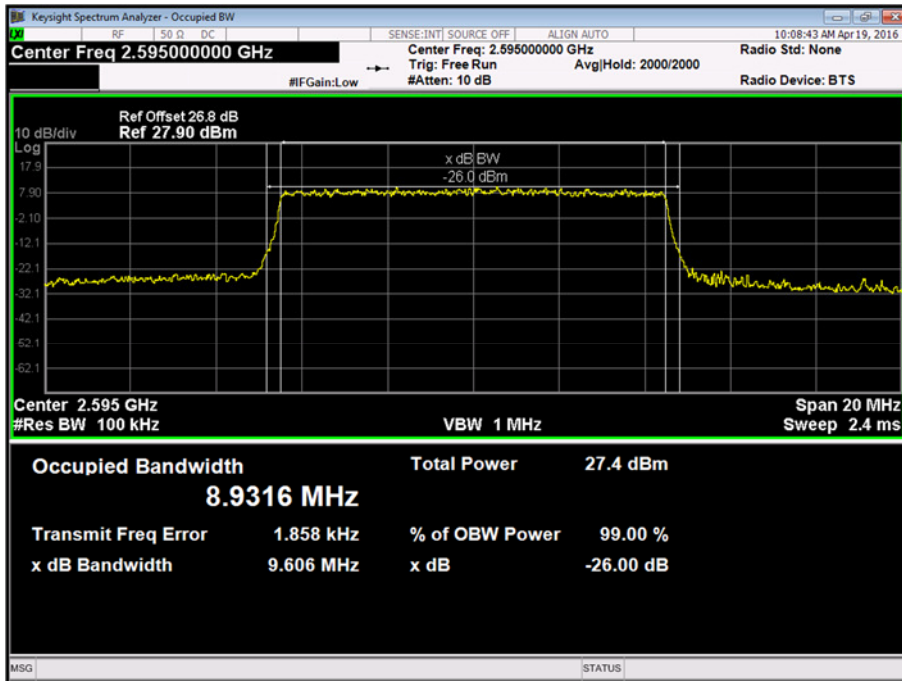
2595.0 MHz - 1 Resource Block - Middle



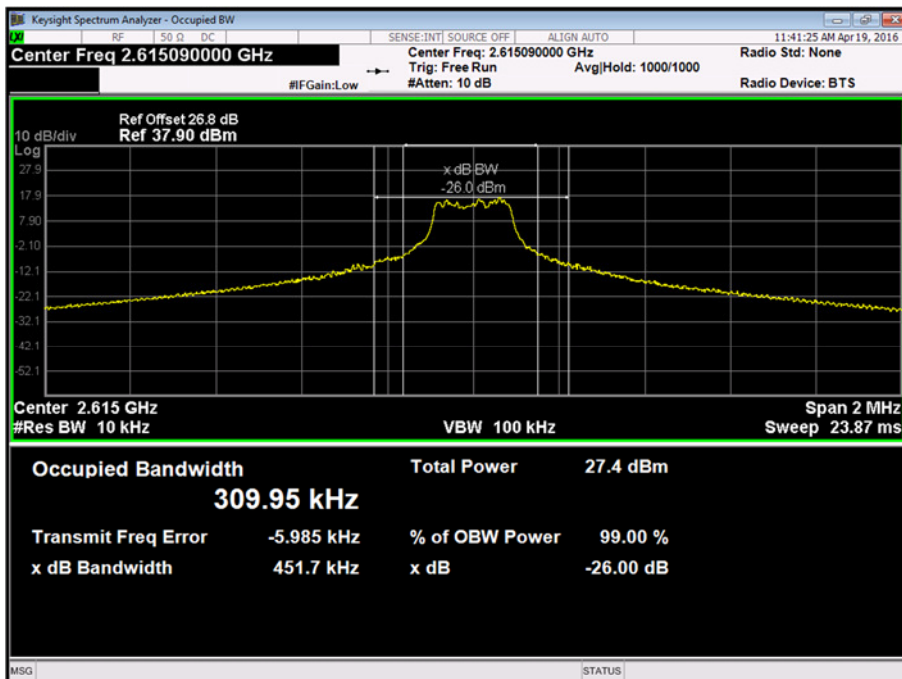


Product Service

2595.0 MHz - All Resource Blocks



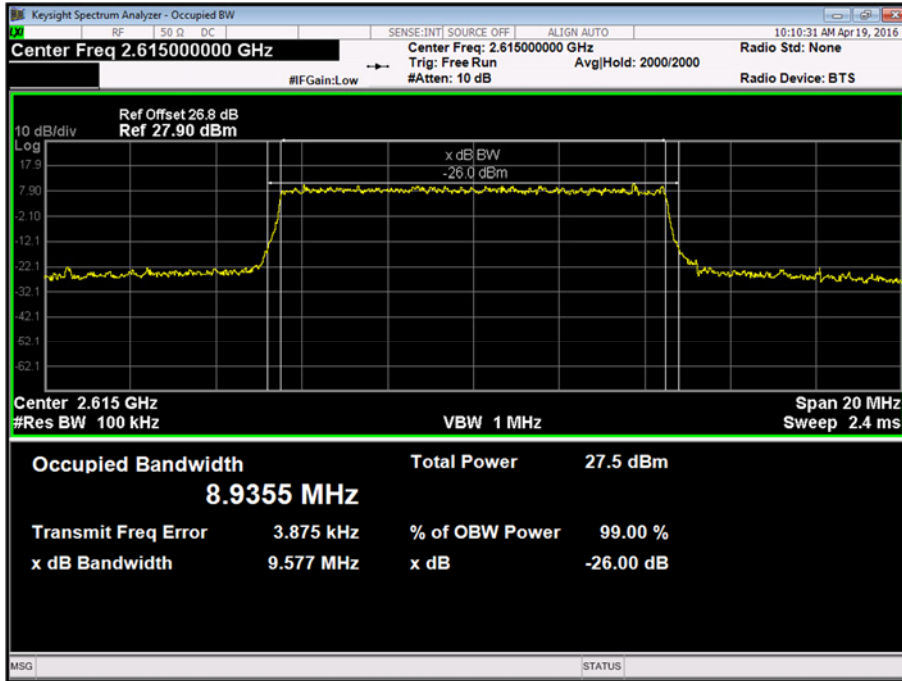
2615.0 MHz - 1 Resource Block - Middle





Product Service

2615.0 MHz - All Resource Blocks





Product Service

15.0 MHz Bandwidth - QPSK

26 dB Bandwidth (kHz)											
2577.5 MHz				2595.0 MHz				2612.5 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	463.3	N/T	14530.0	N/T	449.4	N/T	14490.0	N/T	428.6	N/T	14640.0

2577.5 MHz - 1 Resource Block - Middle

