

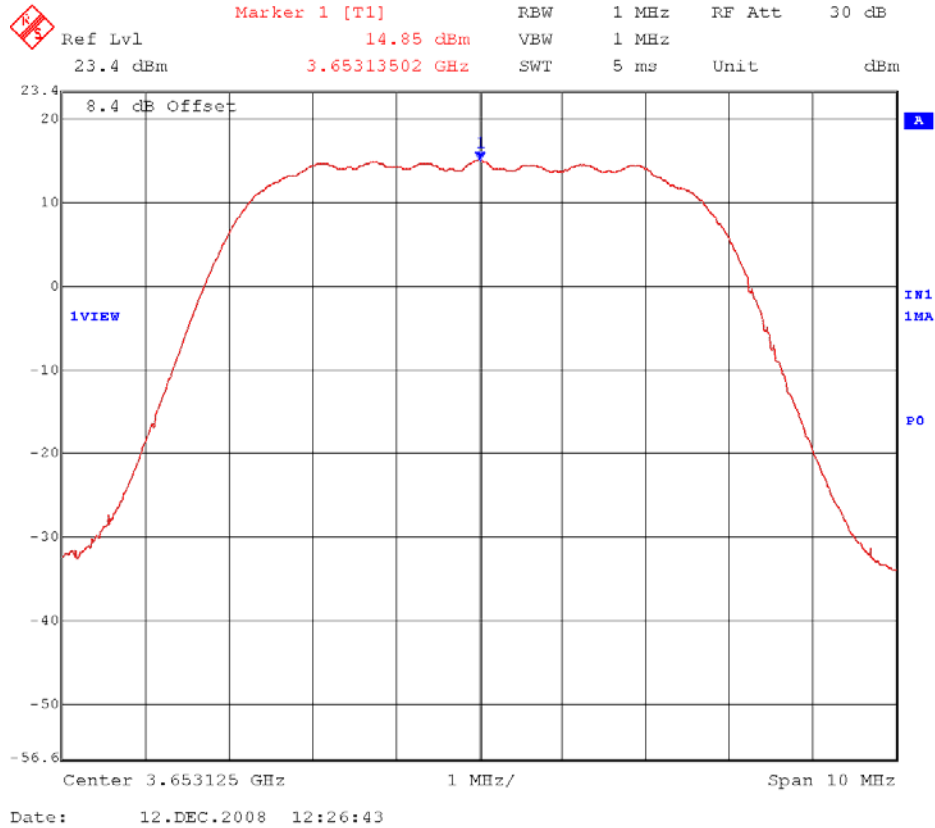
EMC Technologies Report Number: M081041_Cert_TDMA_ETHERMUX

APPENDIX I

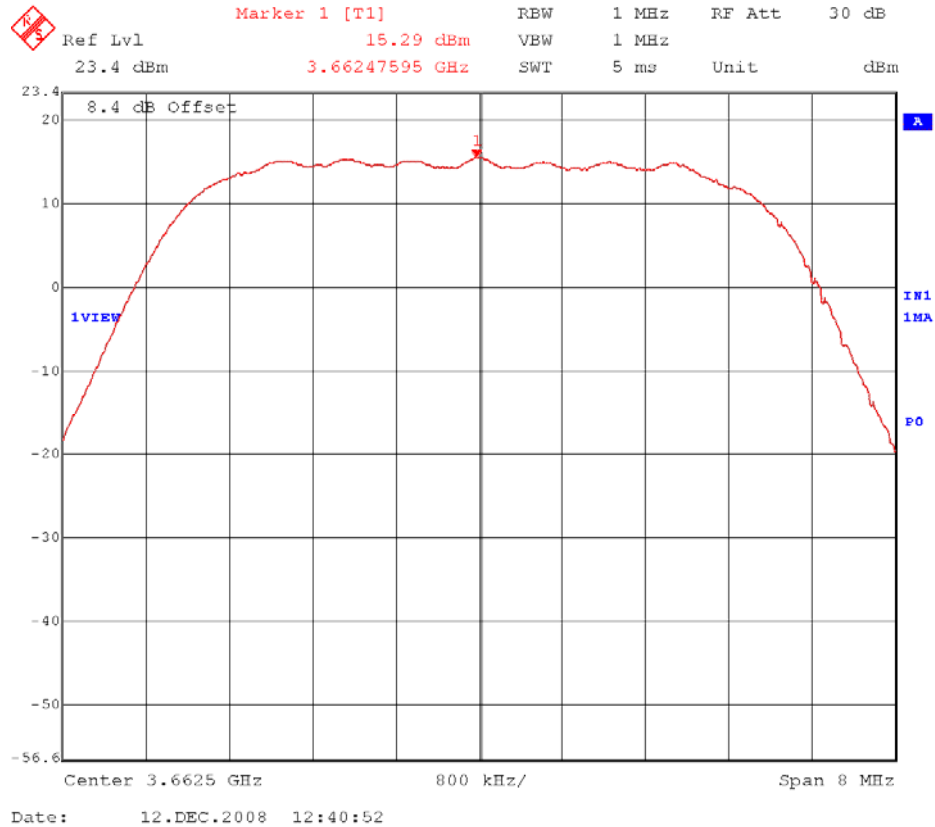
POWER DENSITY MEASUREMENTS

6.25 MHz Channel Bandwidth

Low Channel – QPSK ¾



Middle Channel – QPSK ¾



High Channel – QPSK $\frac{3}{4}$



Marker 1 [T1]

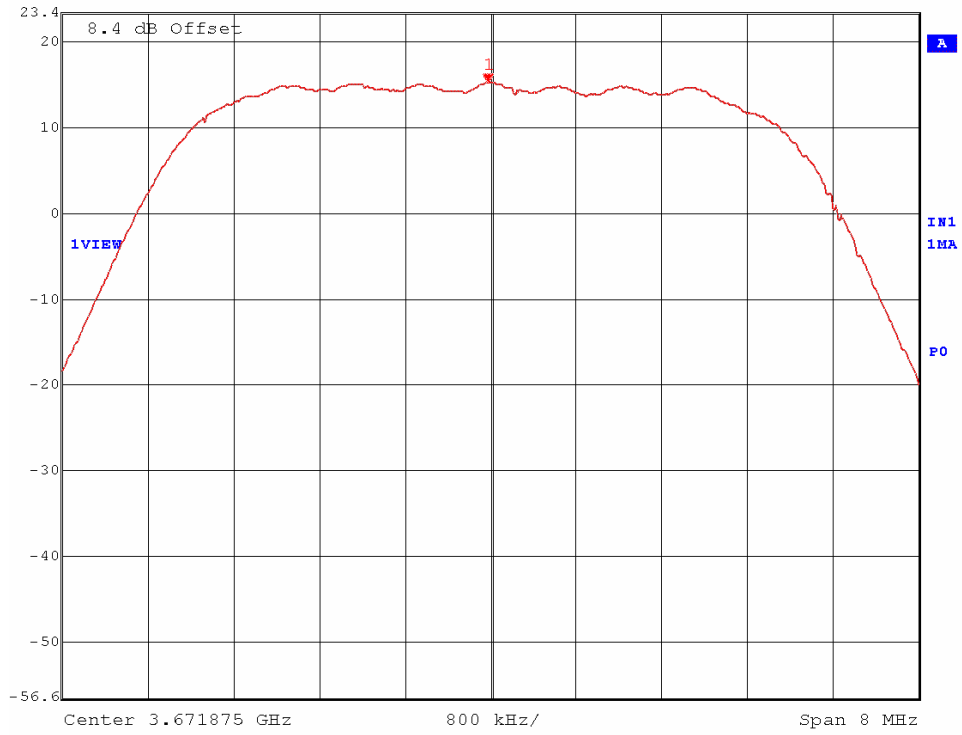
RBW 1 MHz RF Att 30 dB

Ref Lvl 15.18 dBm

VBW 1 MHz

23.4 dBm 3.67185095 GHz

SWT 5 ms Unit dBm



High Channel – 16 QAM $\frac{3}{4}$



Marker 1 [T1]

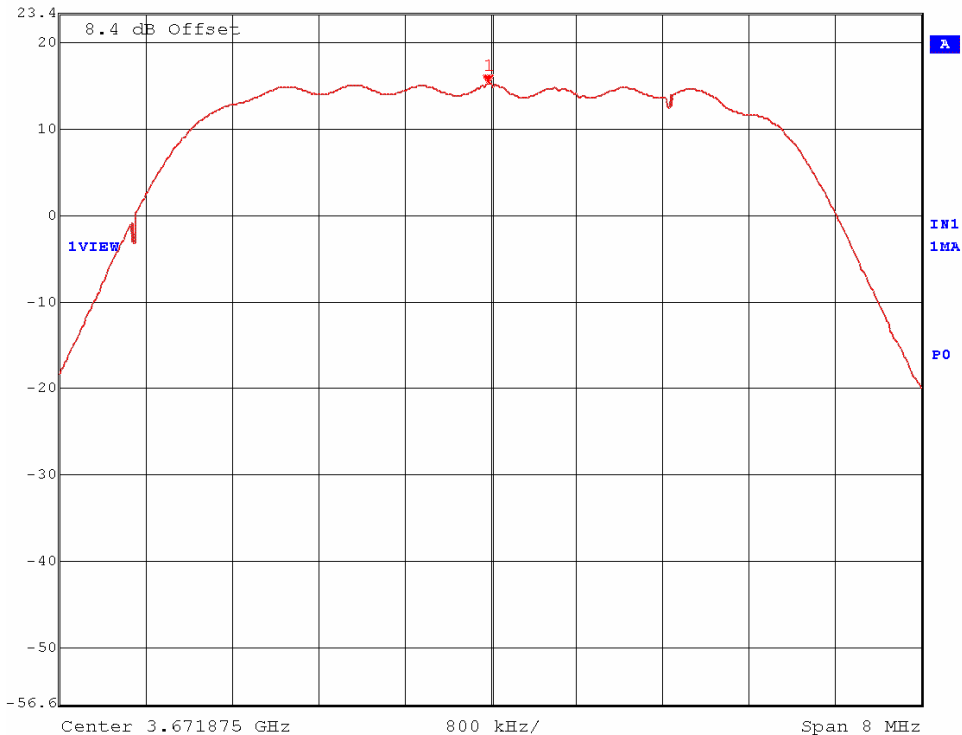
RBW 1 MHz RF Att 30 dB

Ref Lvl 15.13 dBm

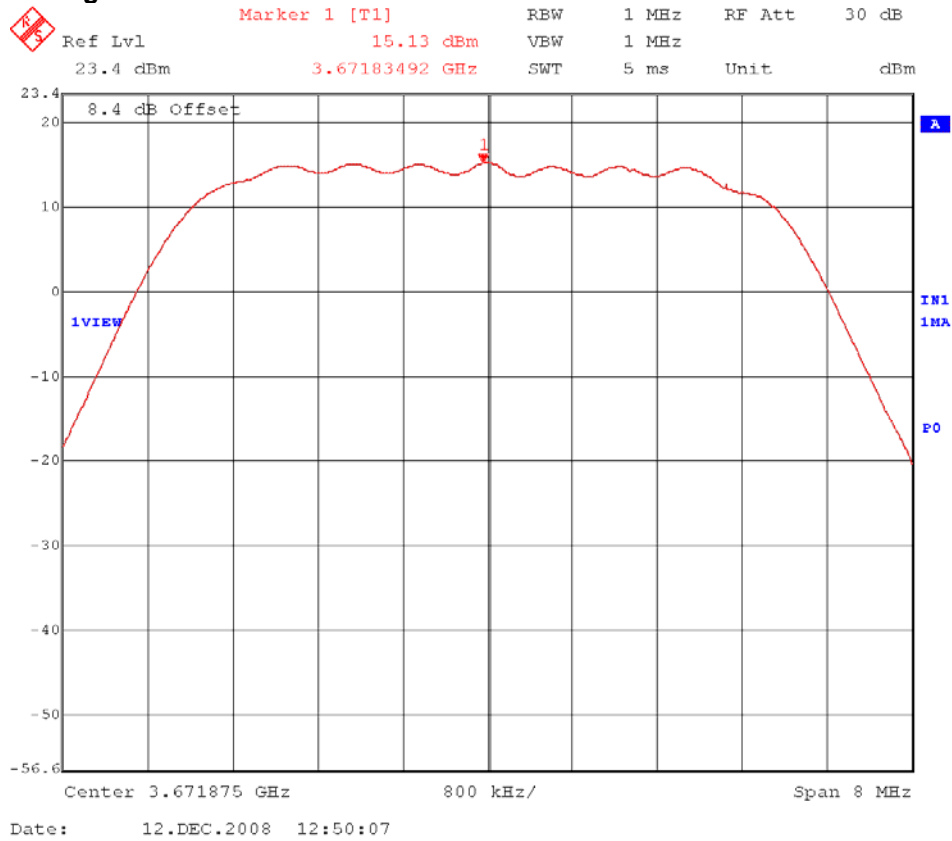
VBW 1 MHz

23.4 dBm 3.67185095 GHz

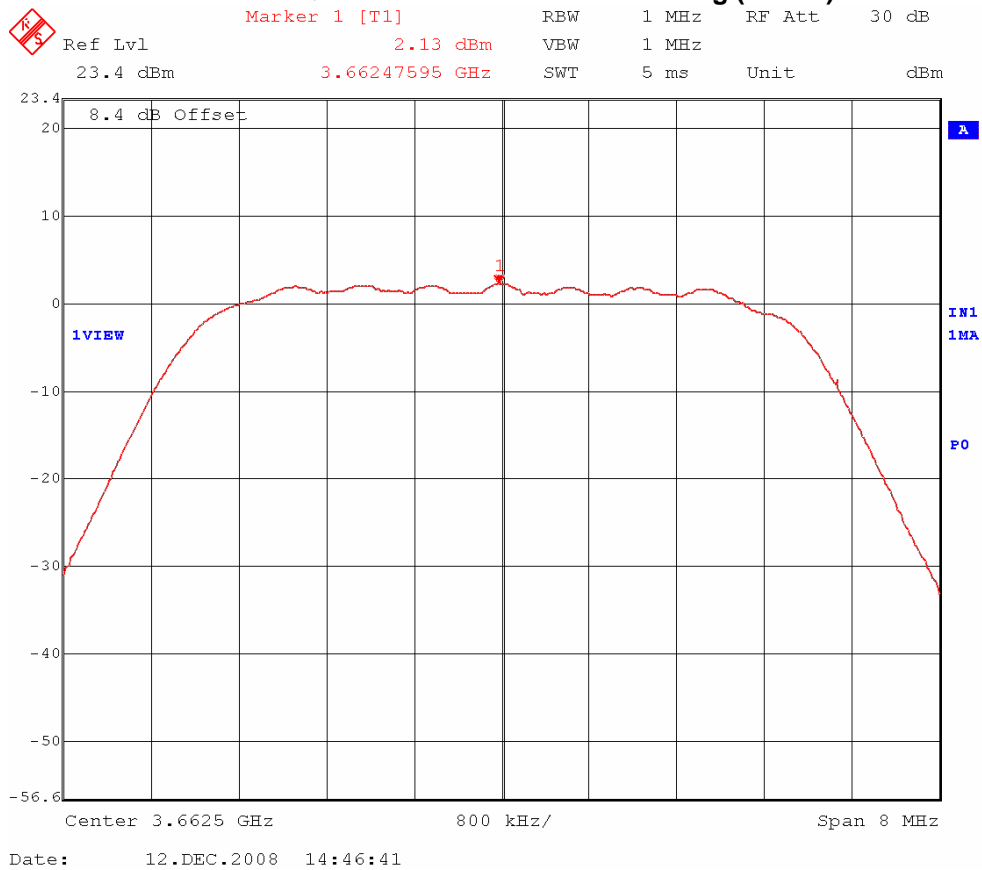
SWT 5 ms Unit dBm




High Channel – 64 QAM RS

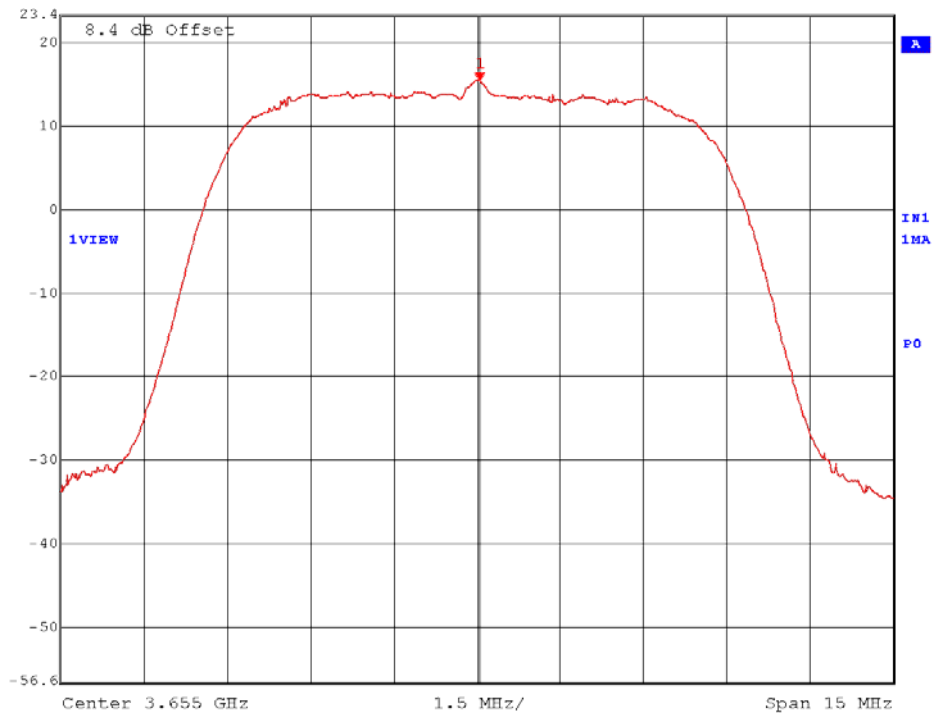


Middle Channel – QPSK ¾ - Minimum Power Setting (0 dBm)



10 MHz Channel Bandwidth**Low Channel – QPSK ¾**

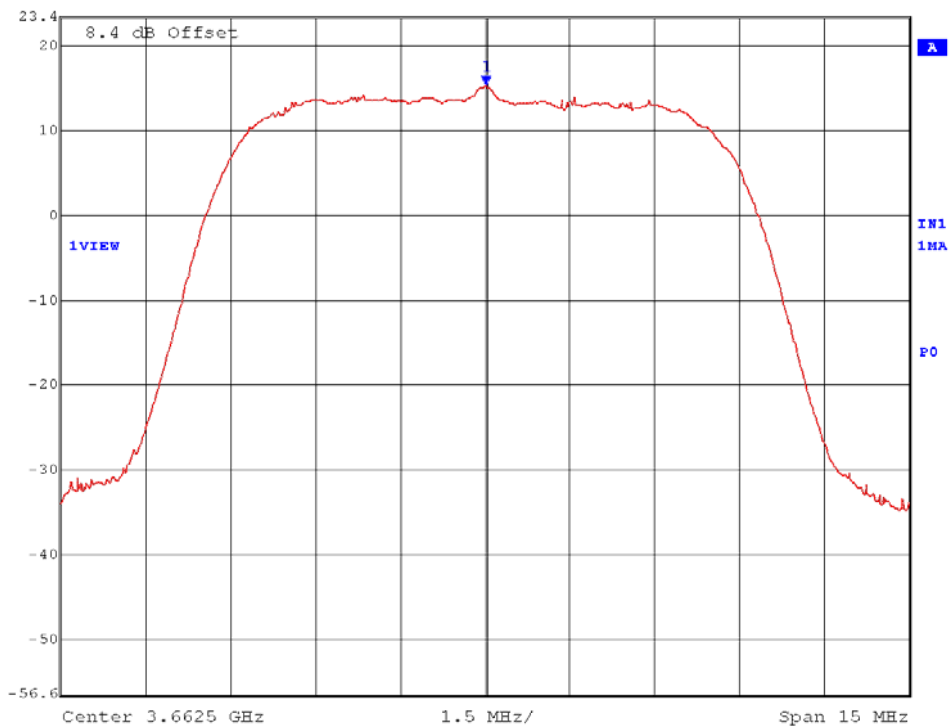
 **Marker 1 [T1]** RBW 1 MHz RF Att 30 dB
Ref Lvl 23.4 dBm 15.29 dBm VEW 1 MHz
3.65504509 GHz SWT 5 ms Unit dBm



Date: 12.DEC.2008 13:06:53

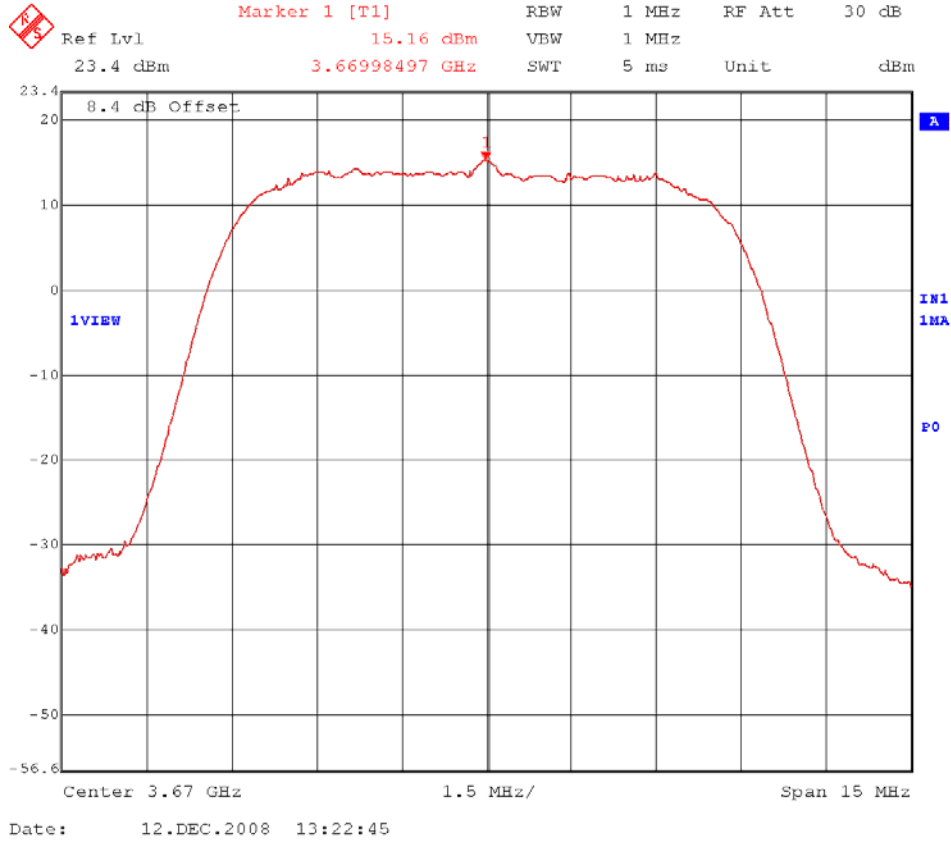
Middle Channel – QPSK ¾

 **Marker 1 [T1]** RBW 1 MHz RF Att 30 dB
Ref Lvl 23.4 dBm 15.21 dBm VEW 1 MHz
3.66251503 GHz SWT 5 ms Unit dBm

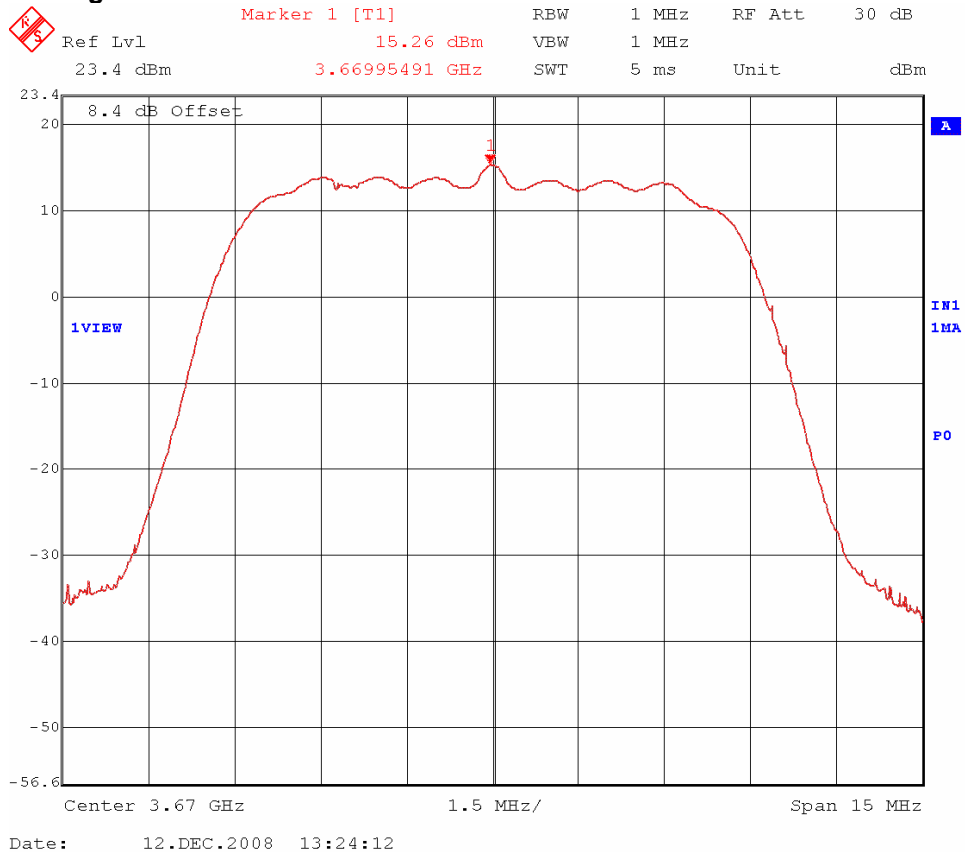


Date: 12.DEC.2008 13:17:17

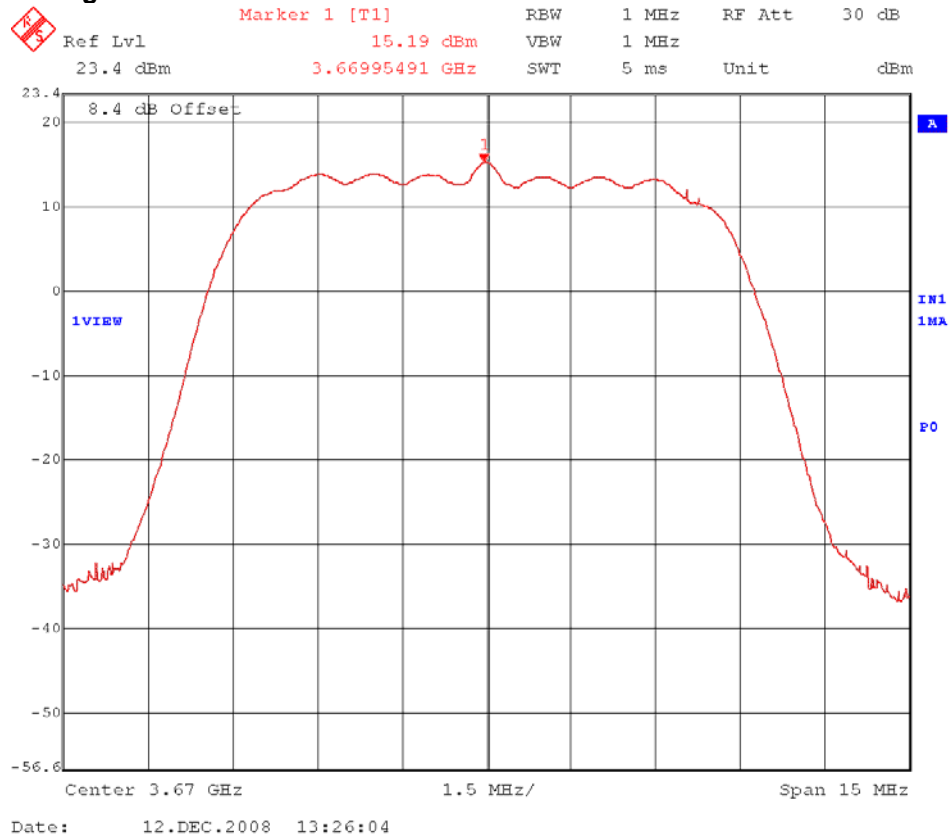
High Channel – QPSK $\frac{3}{4}$



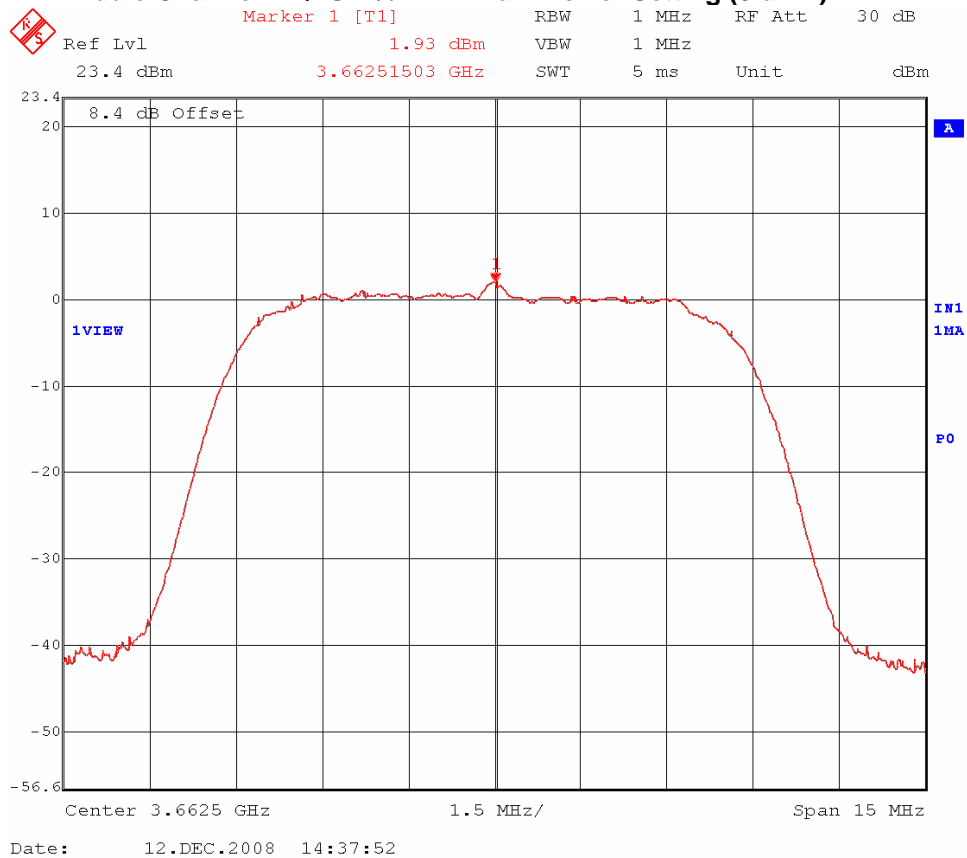
High Channel – 16 QAM $\frac{3}{4}$



High Channel – 64 QAM RS

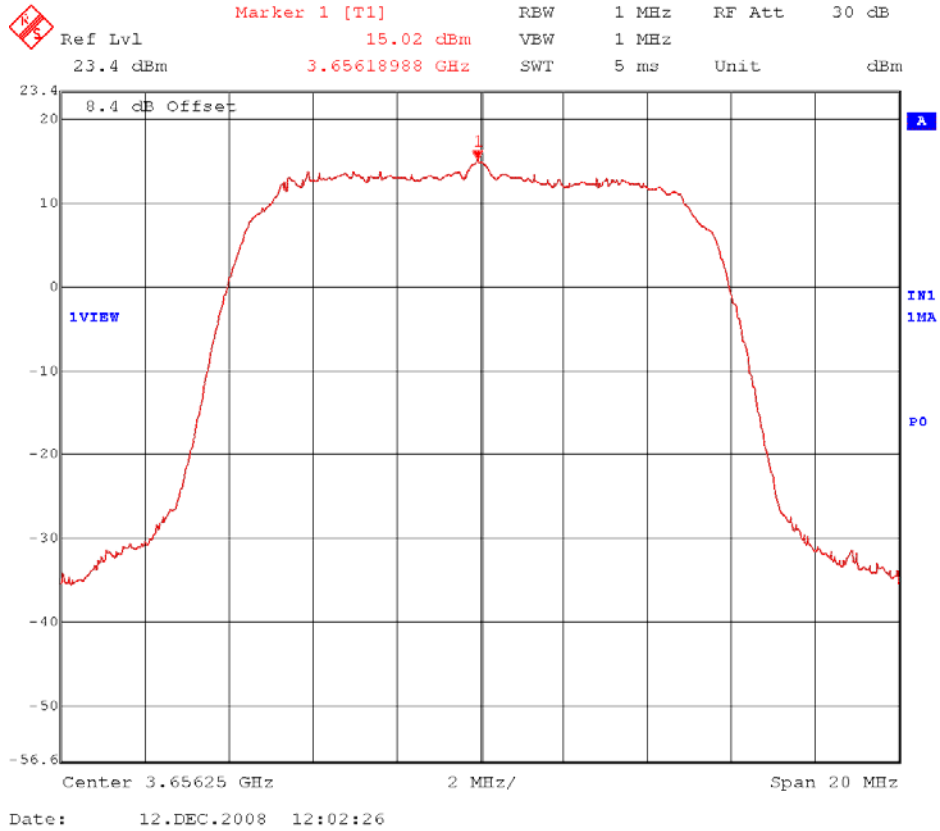


Middle Channel – QPSK ¾ - Minimum Power Setting (0 dBm)

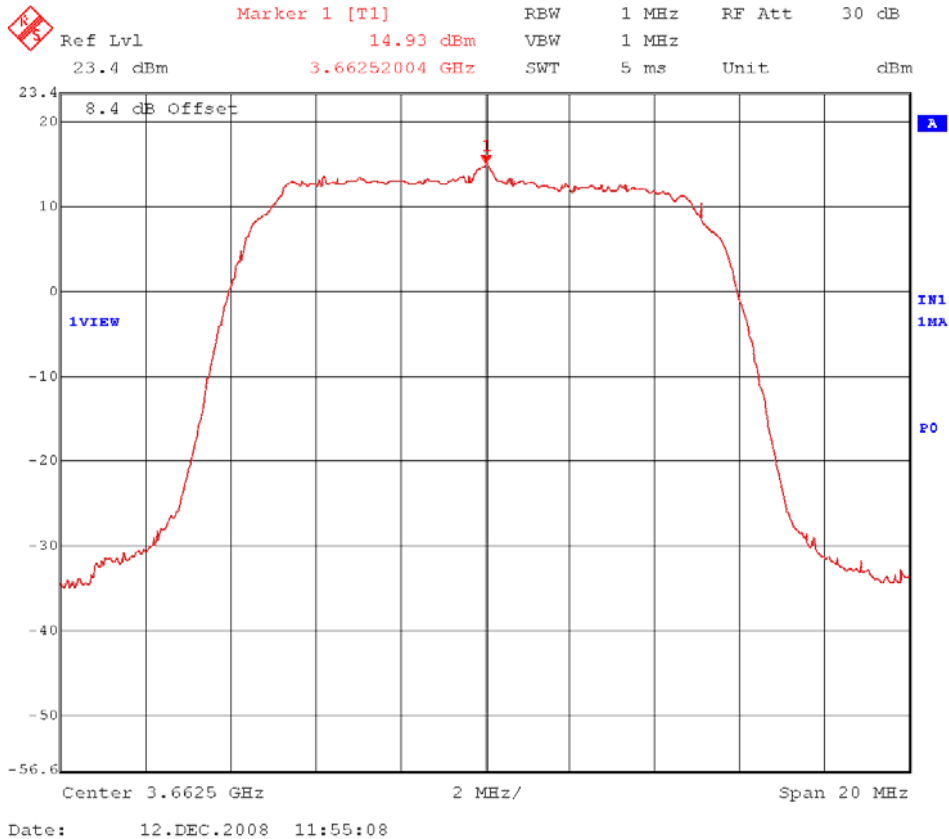


12.5 MHz Channel Bandwidth


Low Channel – QPSK ¾

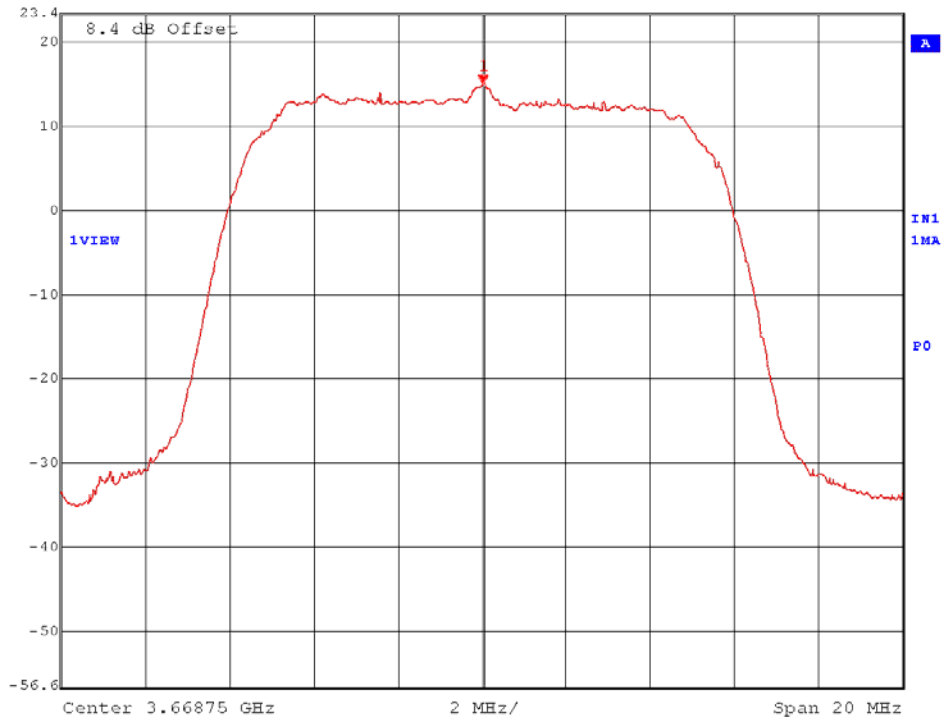


Middle Channel – QPSK ¾




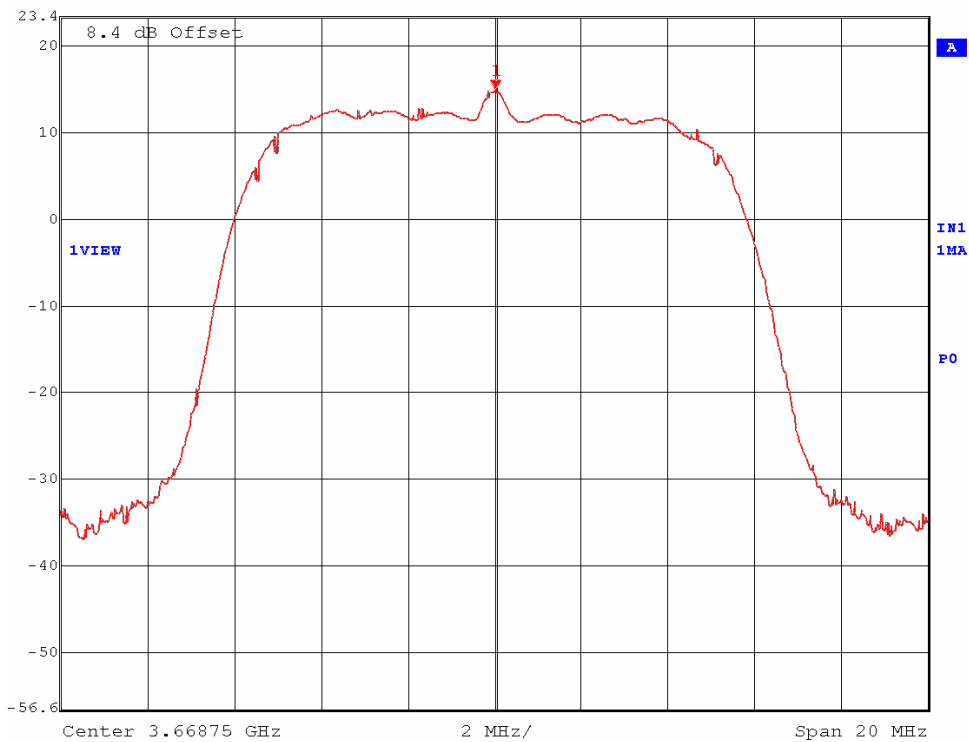
High Channel – QPSK $\frac{3}{4}$


Marker 1 [T1] RBW 1 MHz RF Att 30 dB
 Ref Lvl 14.98 dBm VEW 1 MHz
 23.4 dBm 3.66877004 GHz SWT 5 ms Unit dBm

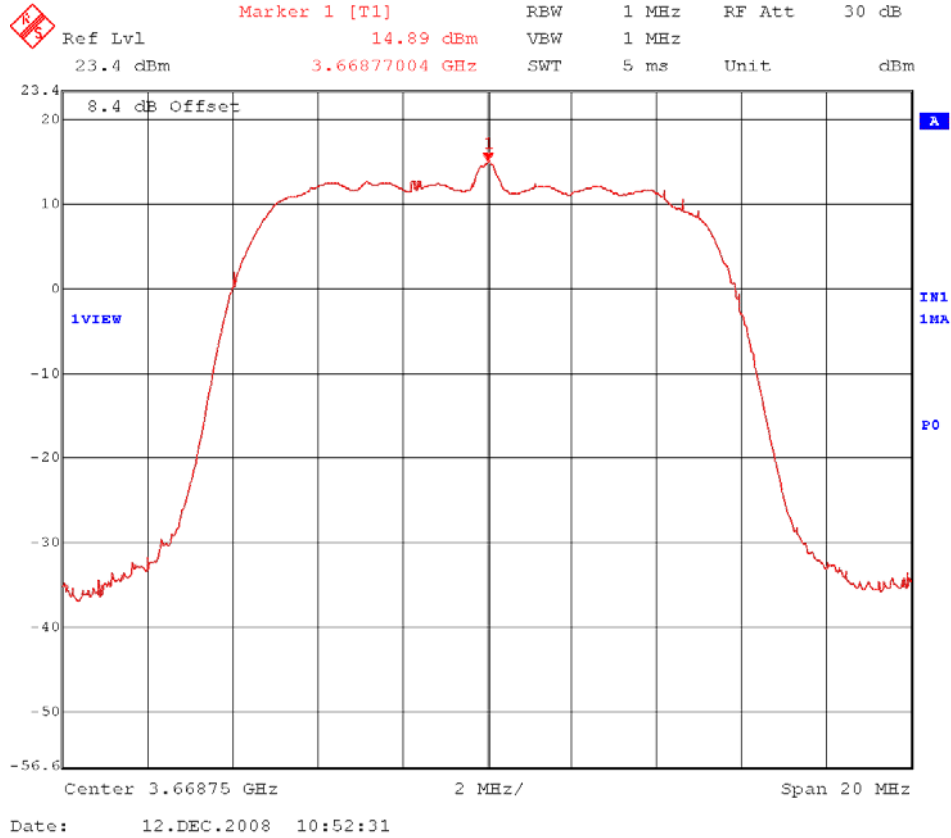


High Channel – 16 QAM $\frac{3}{4}$

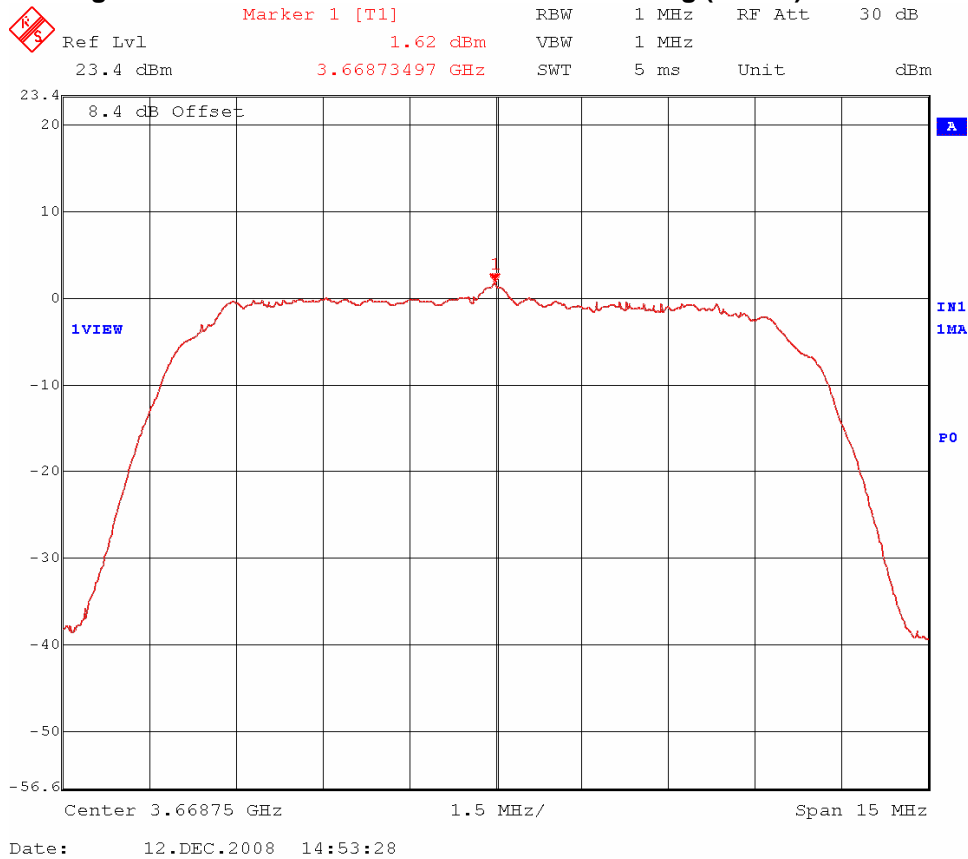

Marker 1 [T1] RBW 1 MHz RF Att 30 dB
 Ref Lvl 14.97 dBm VEW 1 MHz
 23.4 dBm 3.66877004 GHz SWT 5 ms Unit dBm



High Channel – 64 QAM RS




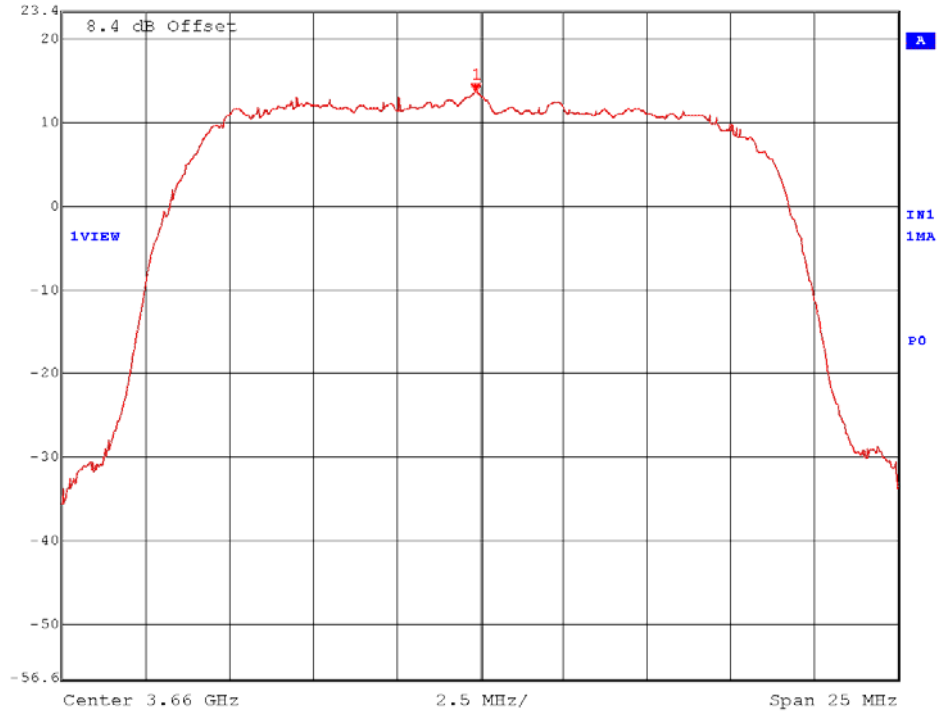
High Channel – QPSK ¾ - Minimum Power Setting (0 dBm)



20 MHz Channel Bandwidth

Low Channel – QPSK ¾

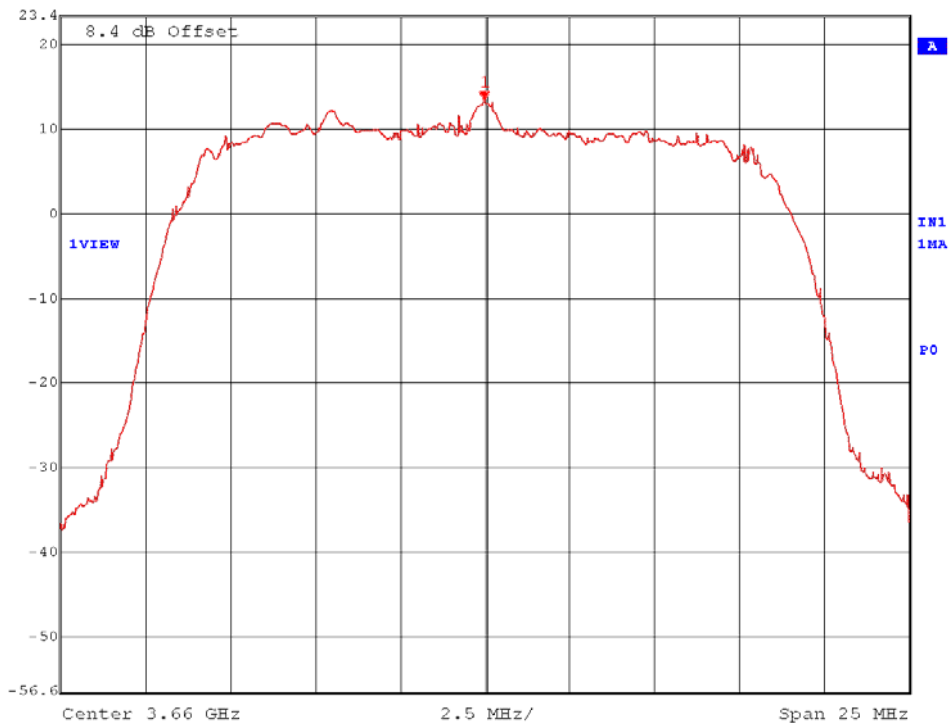

Marker 1 [T1] RBW 1 MHz RF Att 30 dB
 Ref Lvl 13.59 dBm VEW 1 MHz
 23.4 dBm 3.65987475 GHz SWT 5 ms Unit dBm



Date: 12.DEC.2008 13:48:23

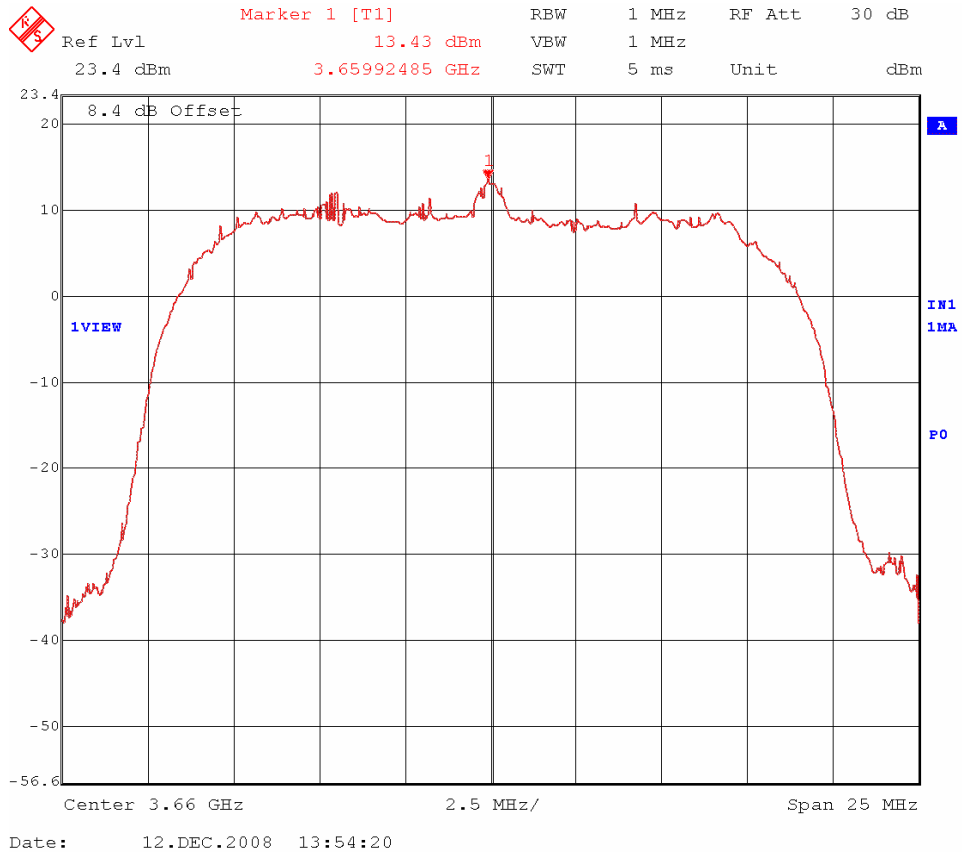
Low Channel – 16 QAM ¾


Marker 1 [T1] RBW 1 MHz RF Att 30 dB
 Ref Lvl 13.28 dBm VEW 1 MHz
 23.4 dBm 3.65997495 GHz SWT 5 ms Unit dBm

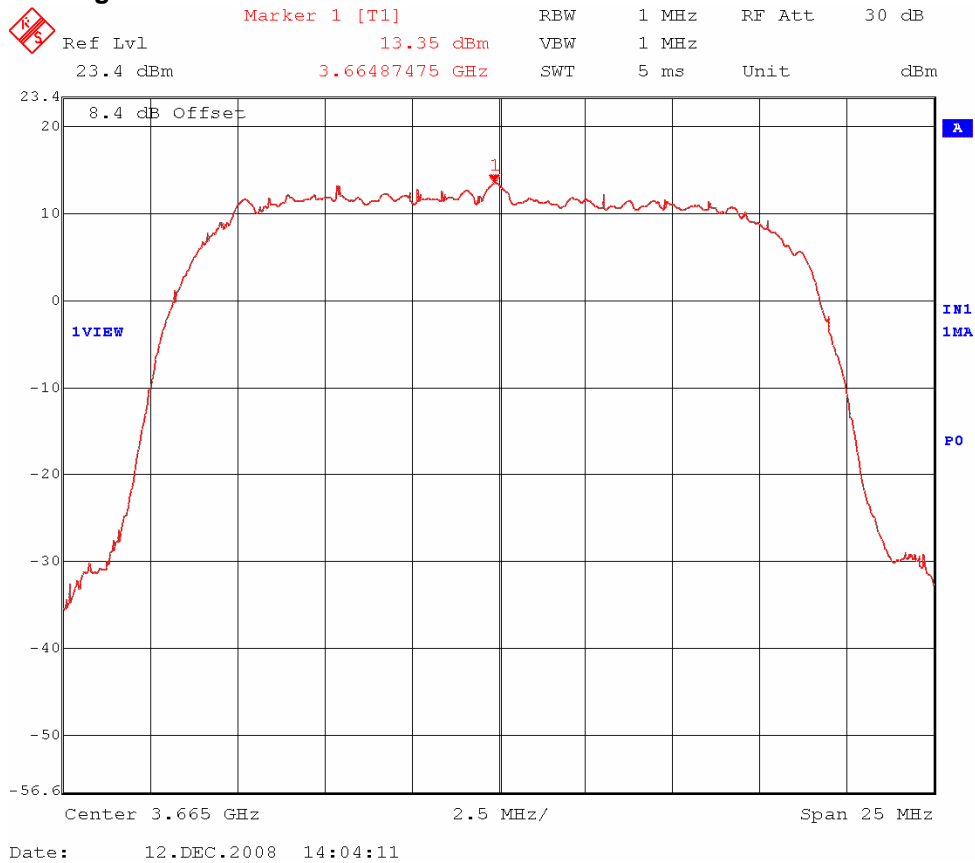


Date: 12.DEC.2008 13:53:00

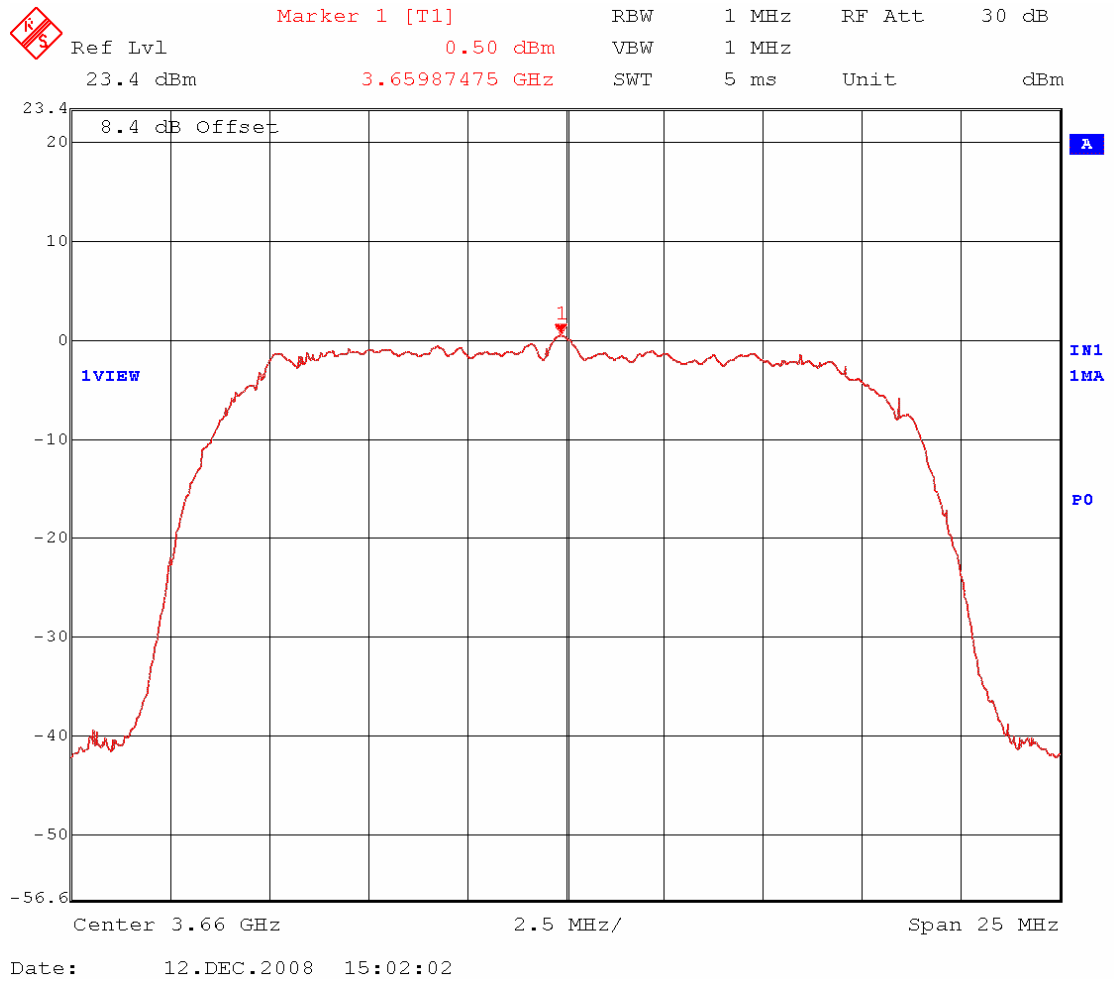
Low Channel – 64 QAM RS



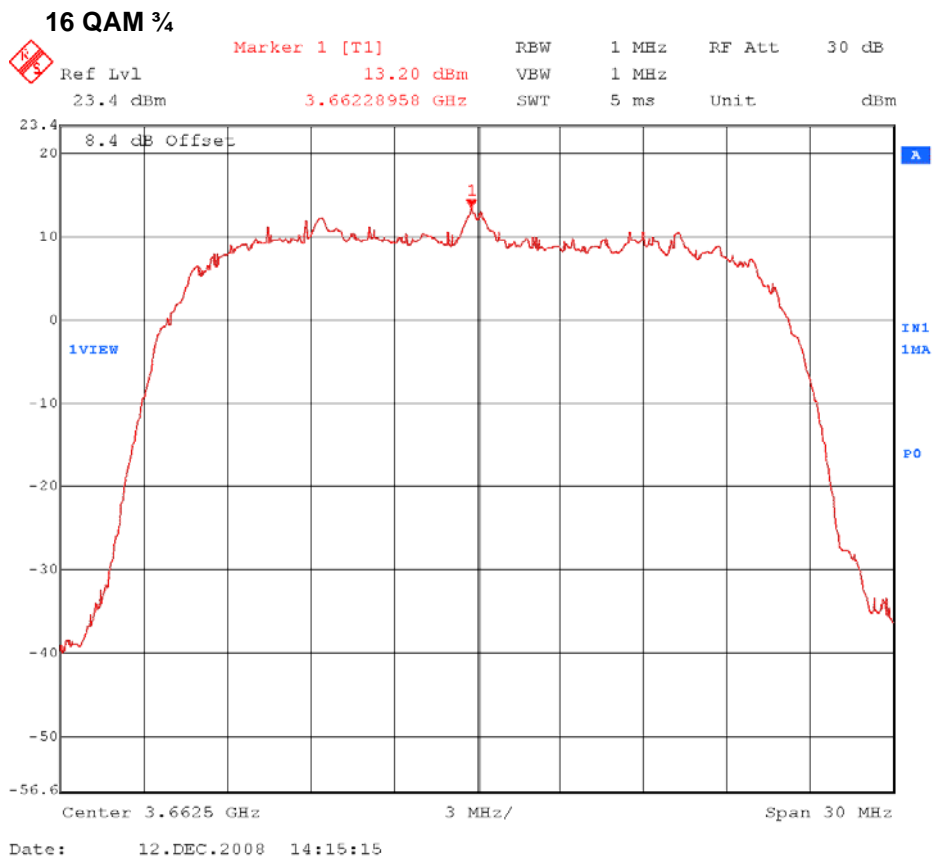
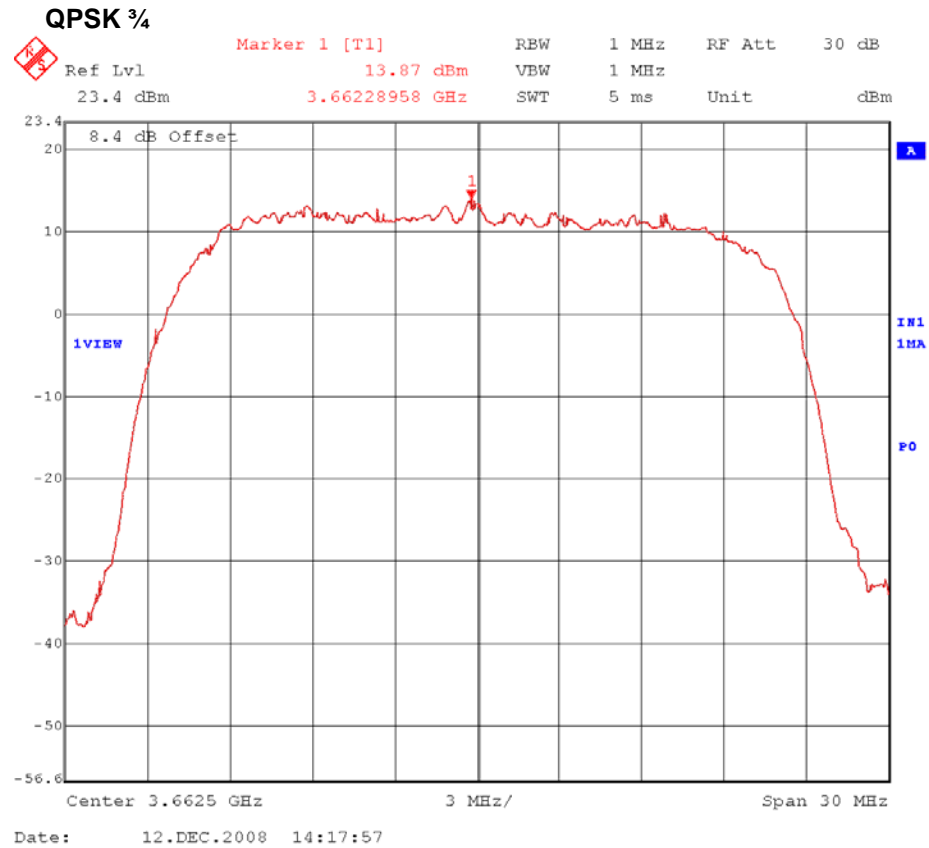
High Channel – QPSK ¾



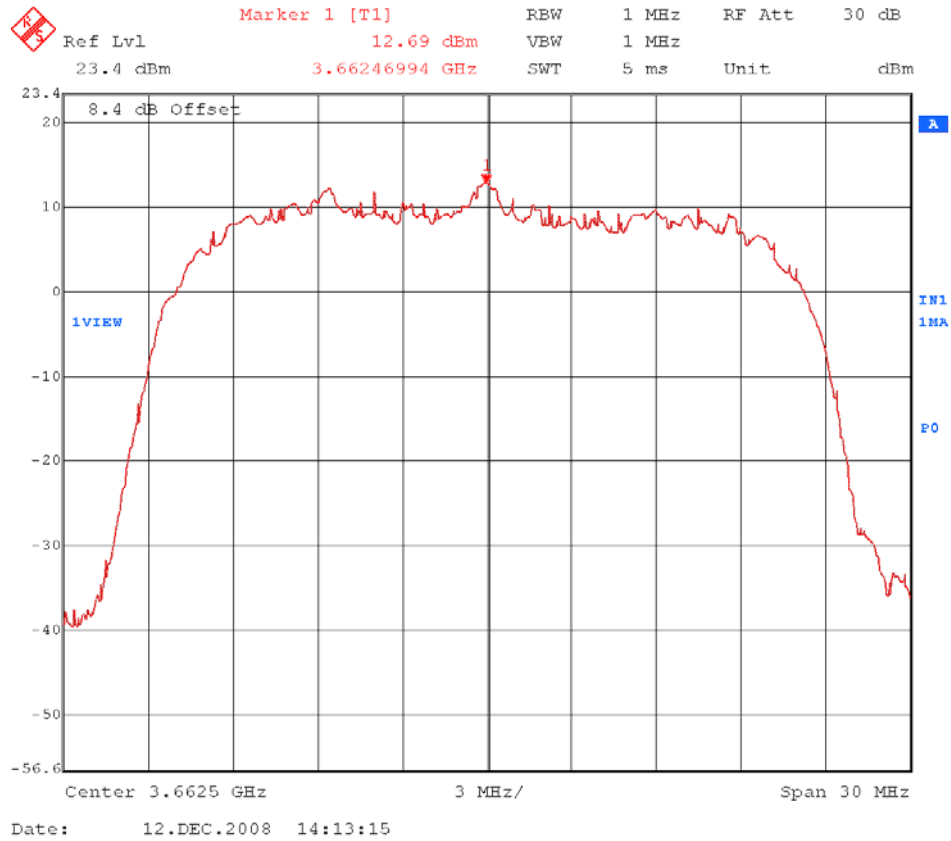
Low Channel – QPSK ¾ - Minimum Power Setting (0 dBm)



25 MHz Channel Bandwidth



64 QAM RS



QPSK 3/4 - Minimum Power Setting (0 dBm)

