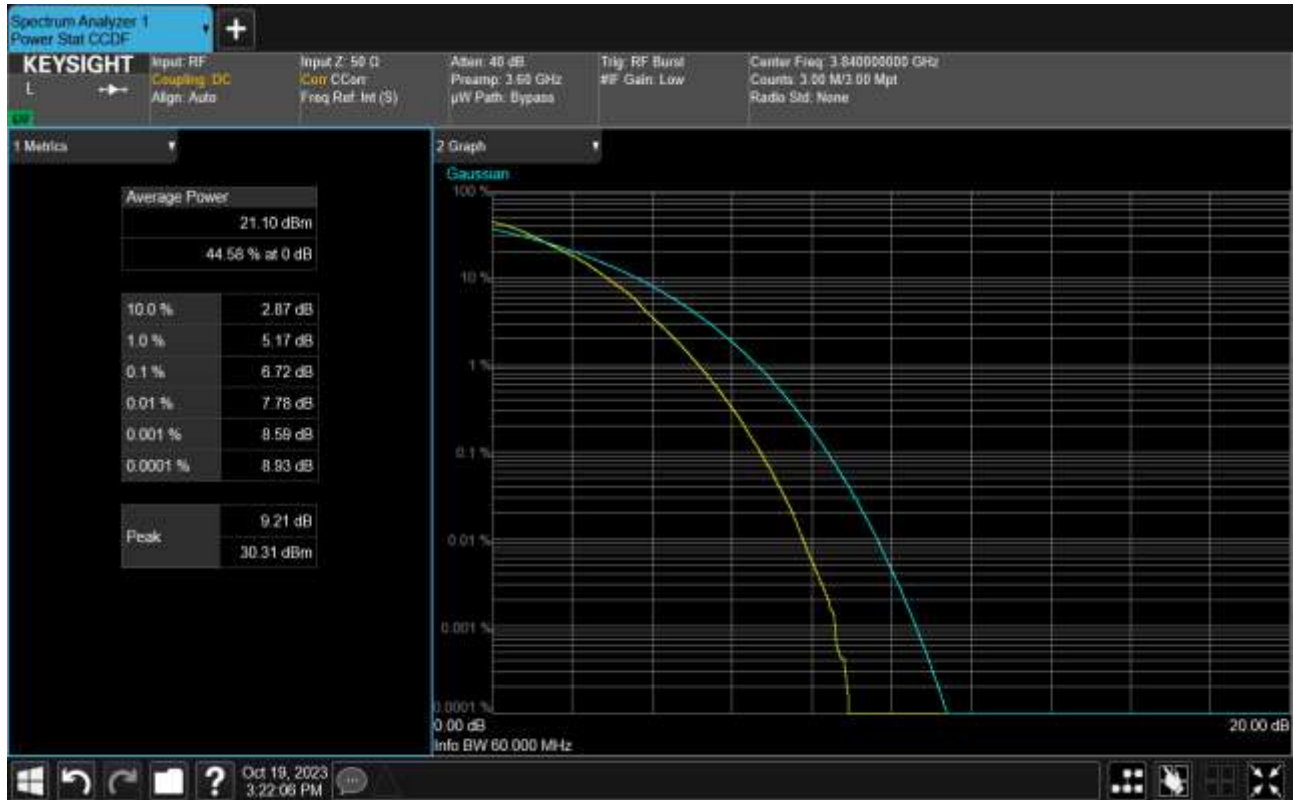
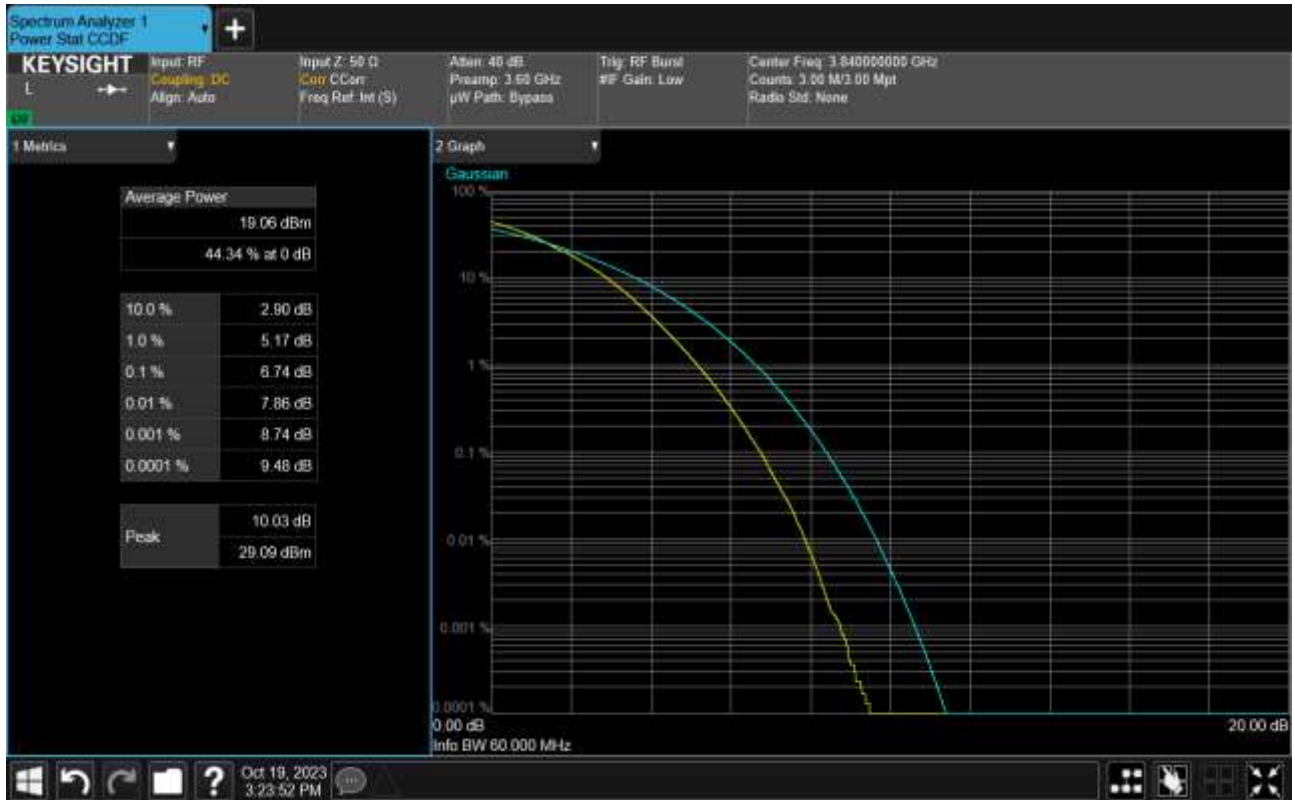


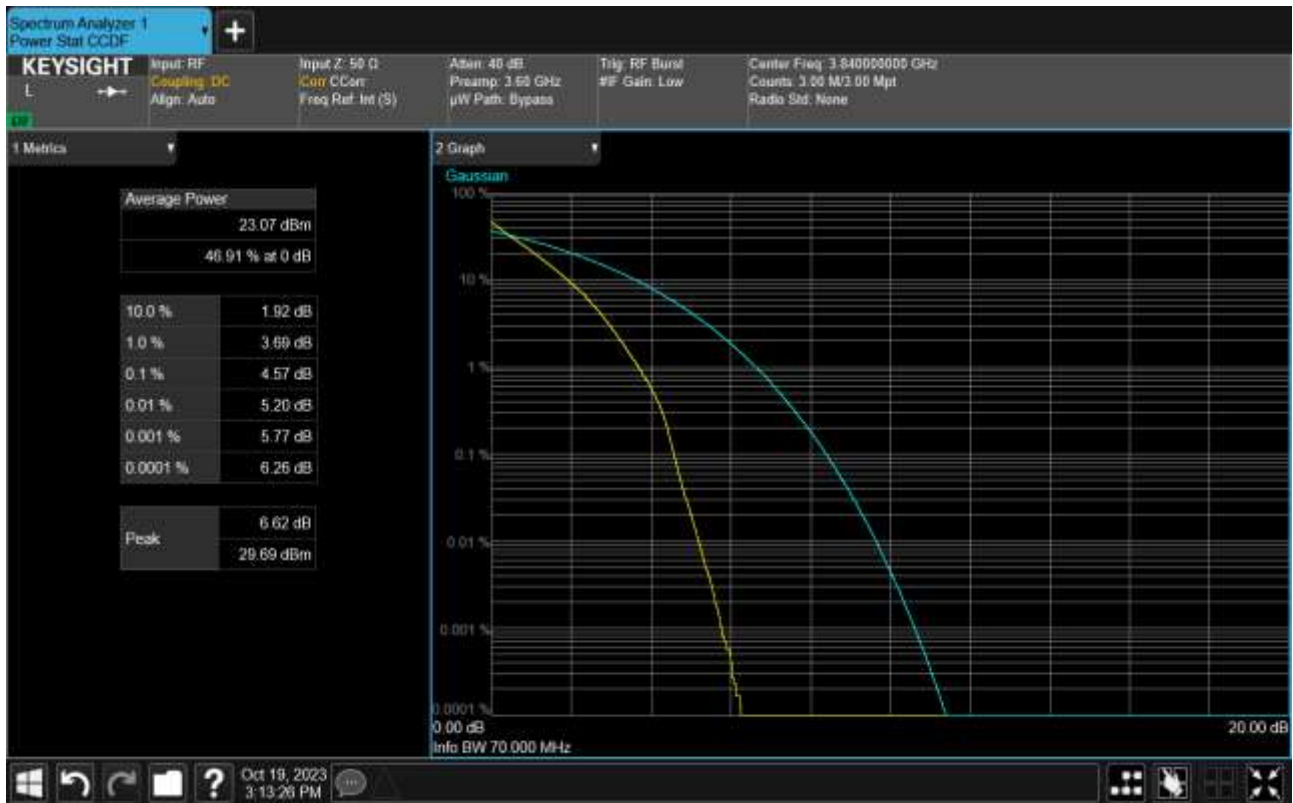
Upper BAND 77 Peak To Average Ratio Plot (60 MHz, 3 840.00 MHz, 64QAM, Full RB)



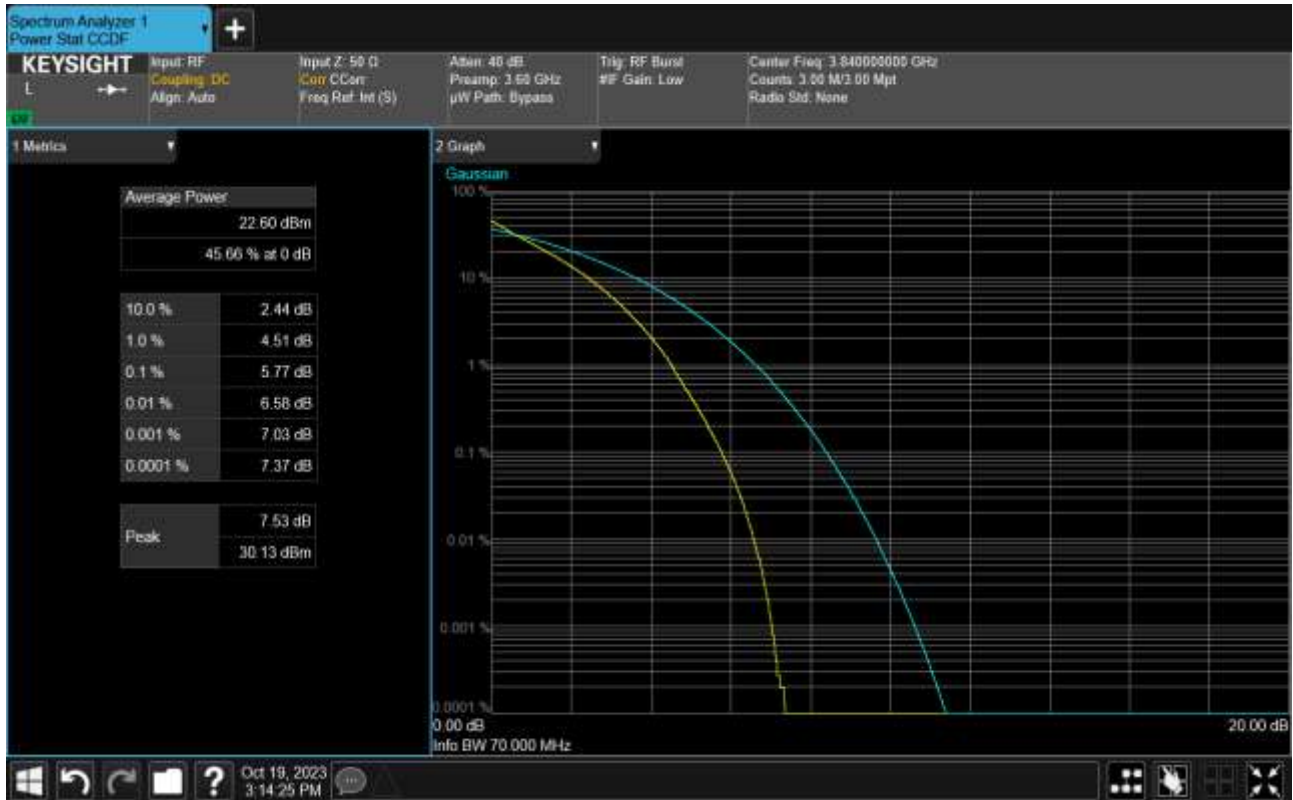
Upper BAND 77 Peak To Average Ratio Plot (60 MHz, 3 840.00 MHz, 256QAM, Full RB)



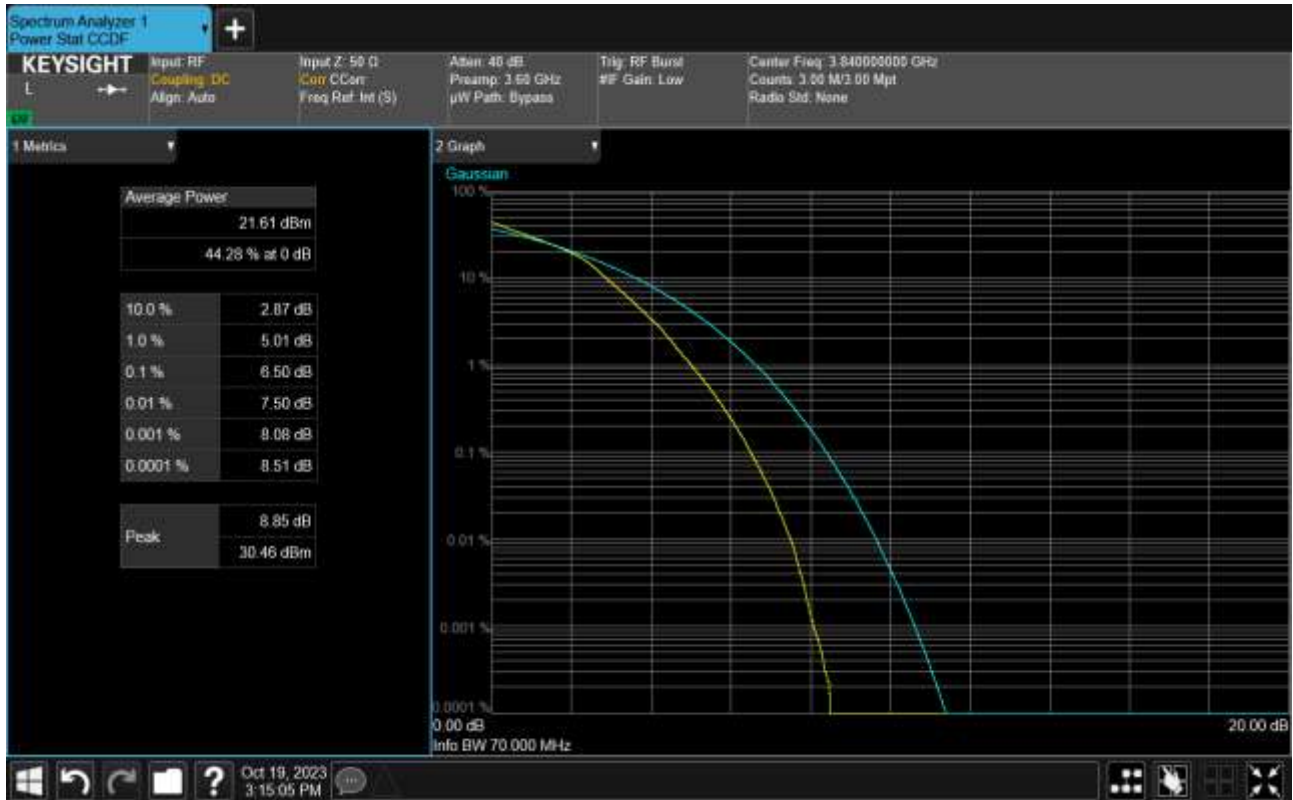
Upper BAND 77 Peak To Average Ratio Plot (70 MHz, 3 840.00 MHz, BPSK, Full RB)



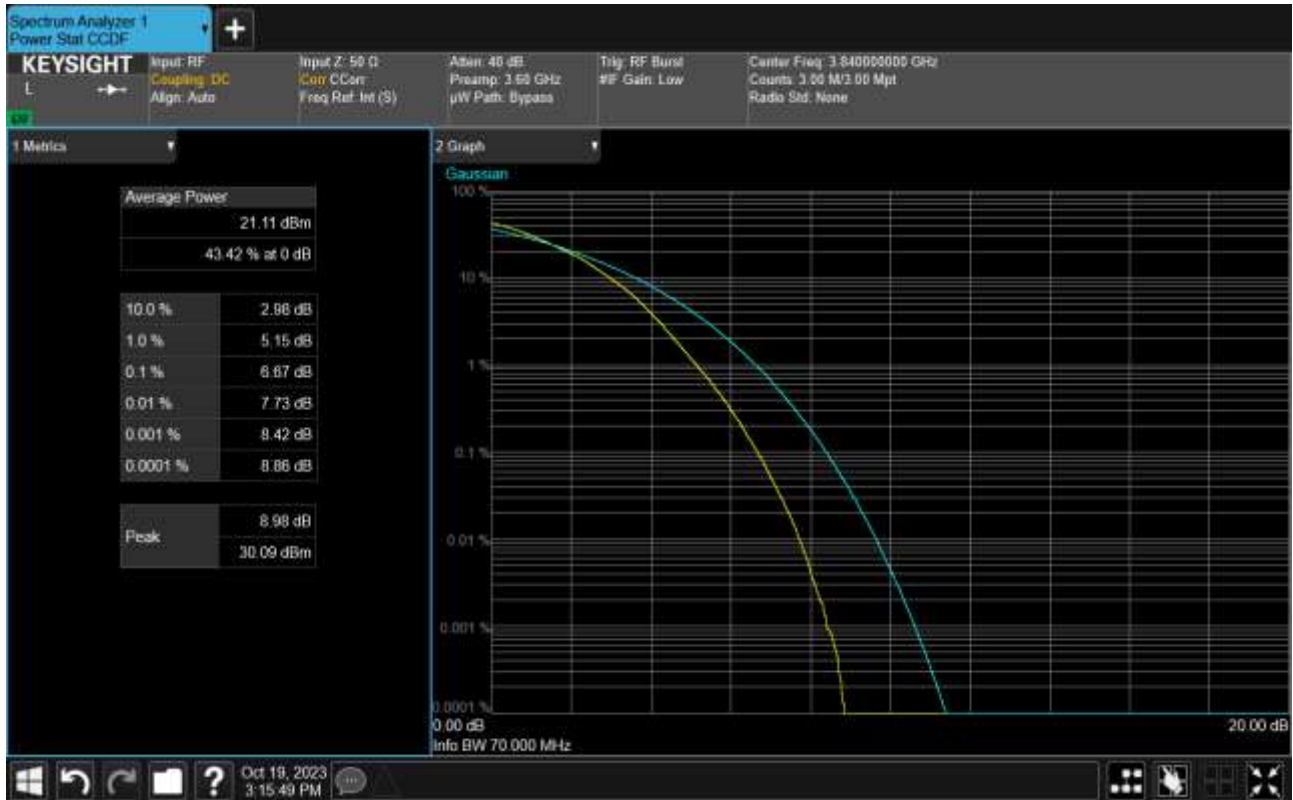
Upper BAND 77 Peak To Average Ratio Plot (70 MHz, 3 840.00 MHz, QPSK, Full RB)



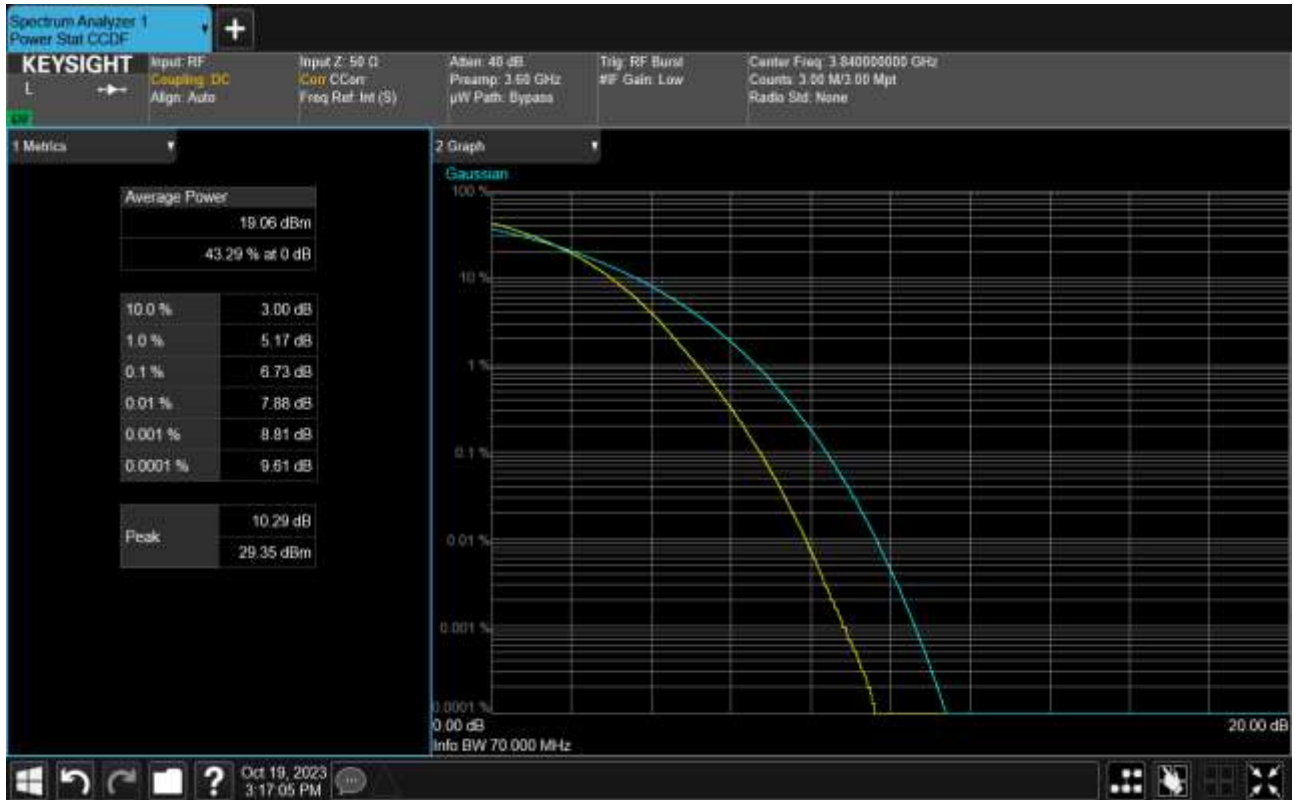
Upper BAND 77 Peak To Average Ratio Plot (70 MHz, 3 840.00 MHz, 16QAM, Full RB)



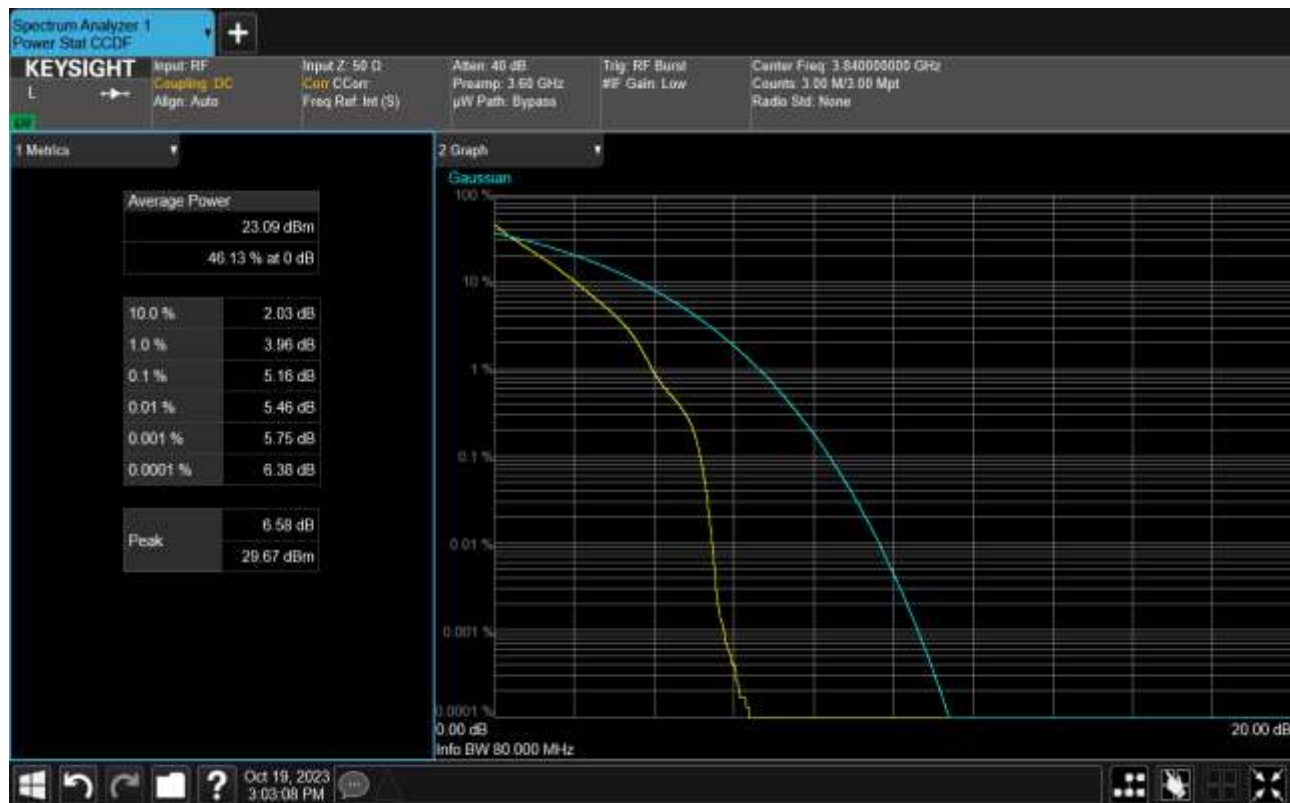
Upper BAND 77 Peak To Average Ratio Plot (70 MHz, 3 840.00 MHz, 64QAM, Full RB)



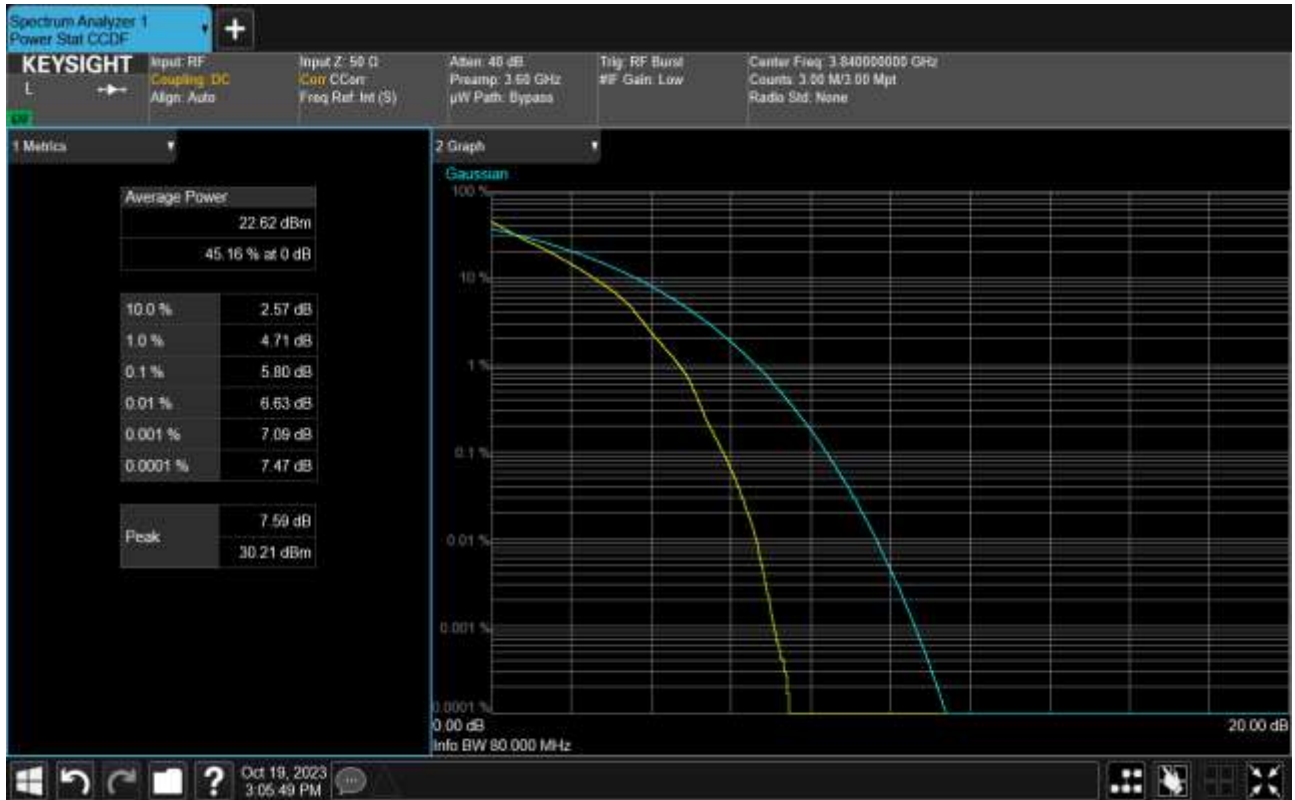
Upper BAND 77 Peak To Average Ratio Plot (70 MHz, 3 840.00 MHz, 256QAM, Full RB)



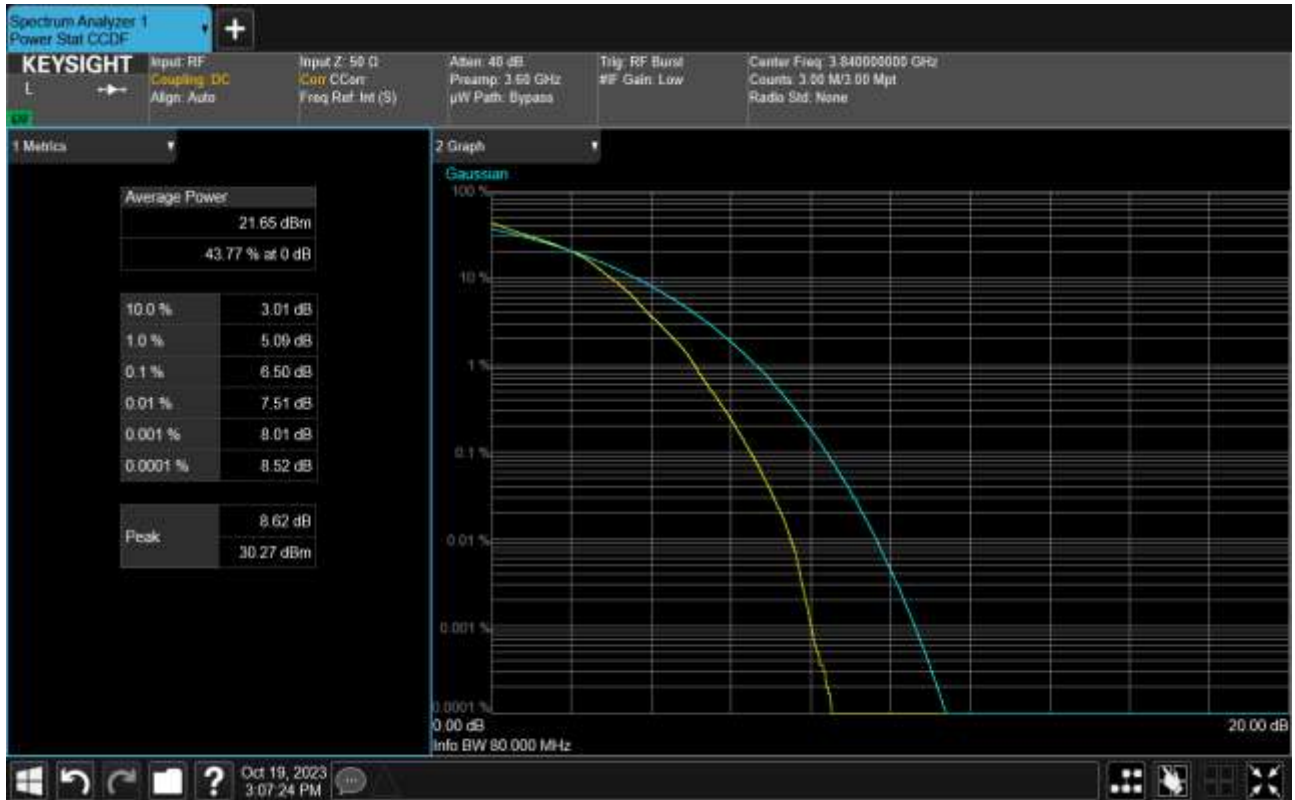
Upper BAND 77 Peak To Average Ratio Plot (80 MHz, 3 840.00 MHz, BPSK, Full RB)



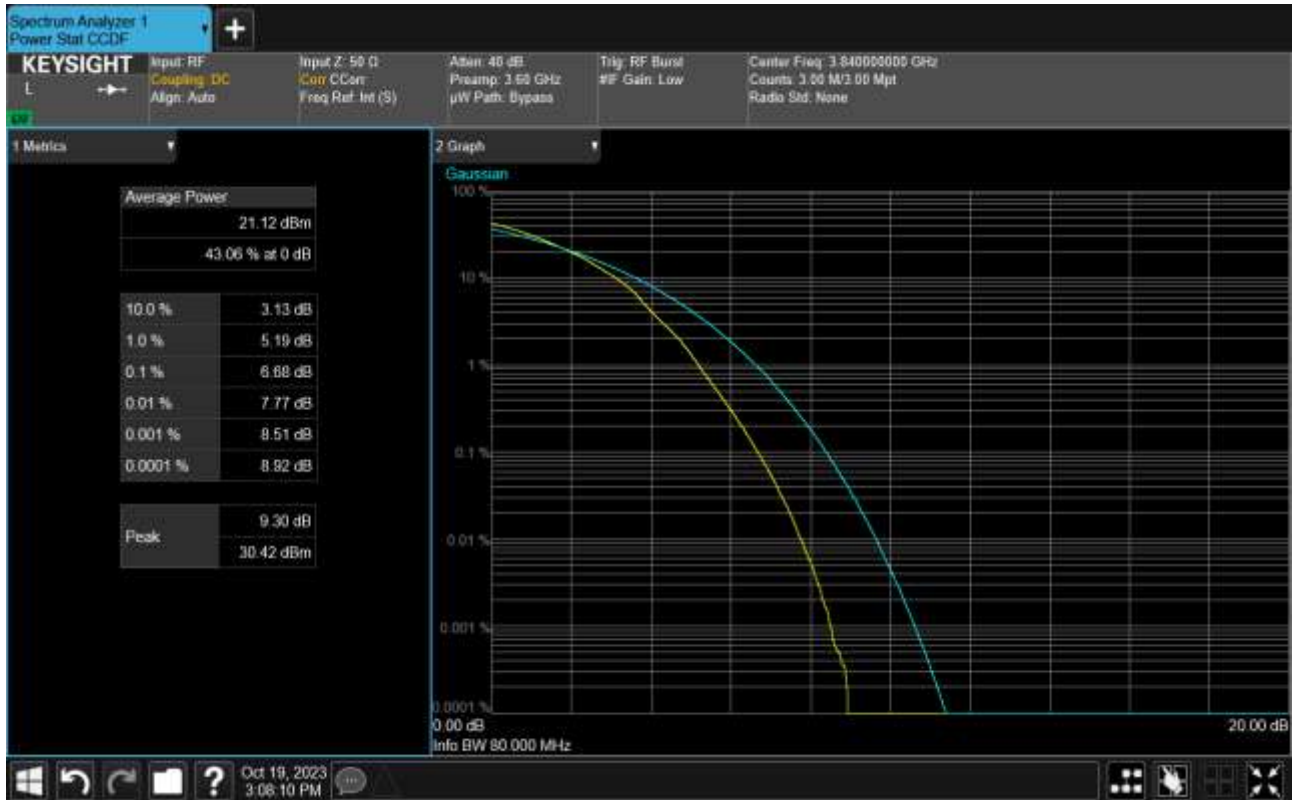
Upper BAND 77 Peak To Average Ratio Plot (80 MHz, 3 840.00 MHz, QPSK, Full RB)



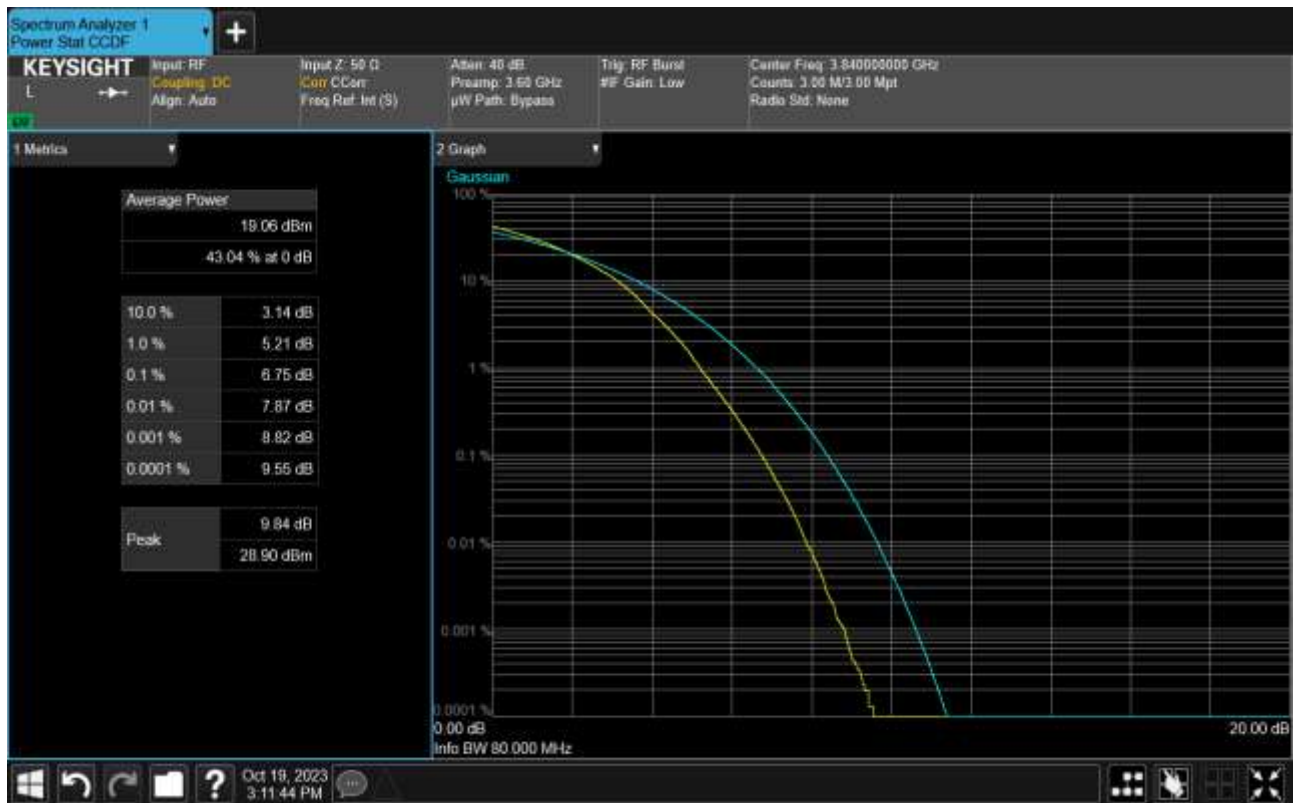
Upper BAND 77 Peak To Average Ratio Plot (80 MHz, 3 840.00 MHz, 16QAM, Full RB)



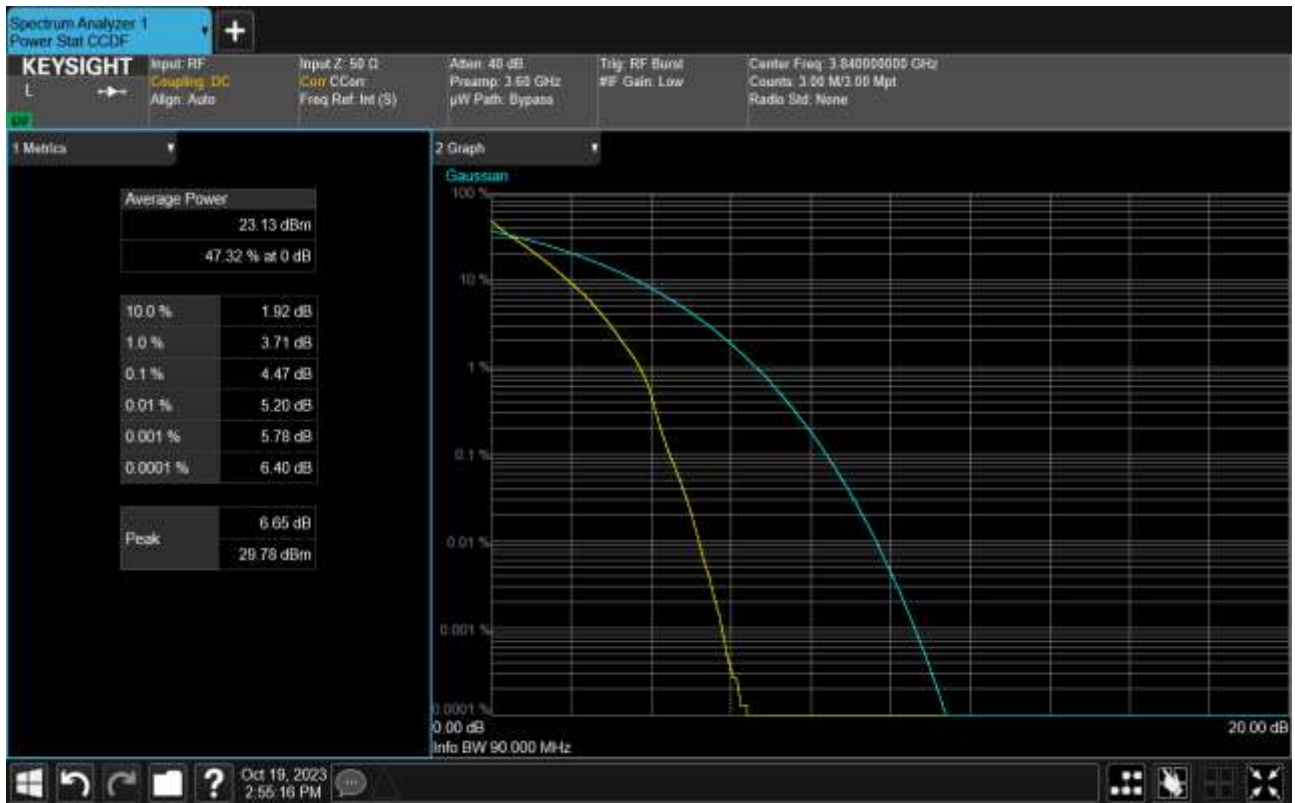
Upper BAND 77 Peak To Average Ratio Plot (80 MHz, 3 840.00 MHz, 64QAM, Full RB)



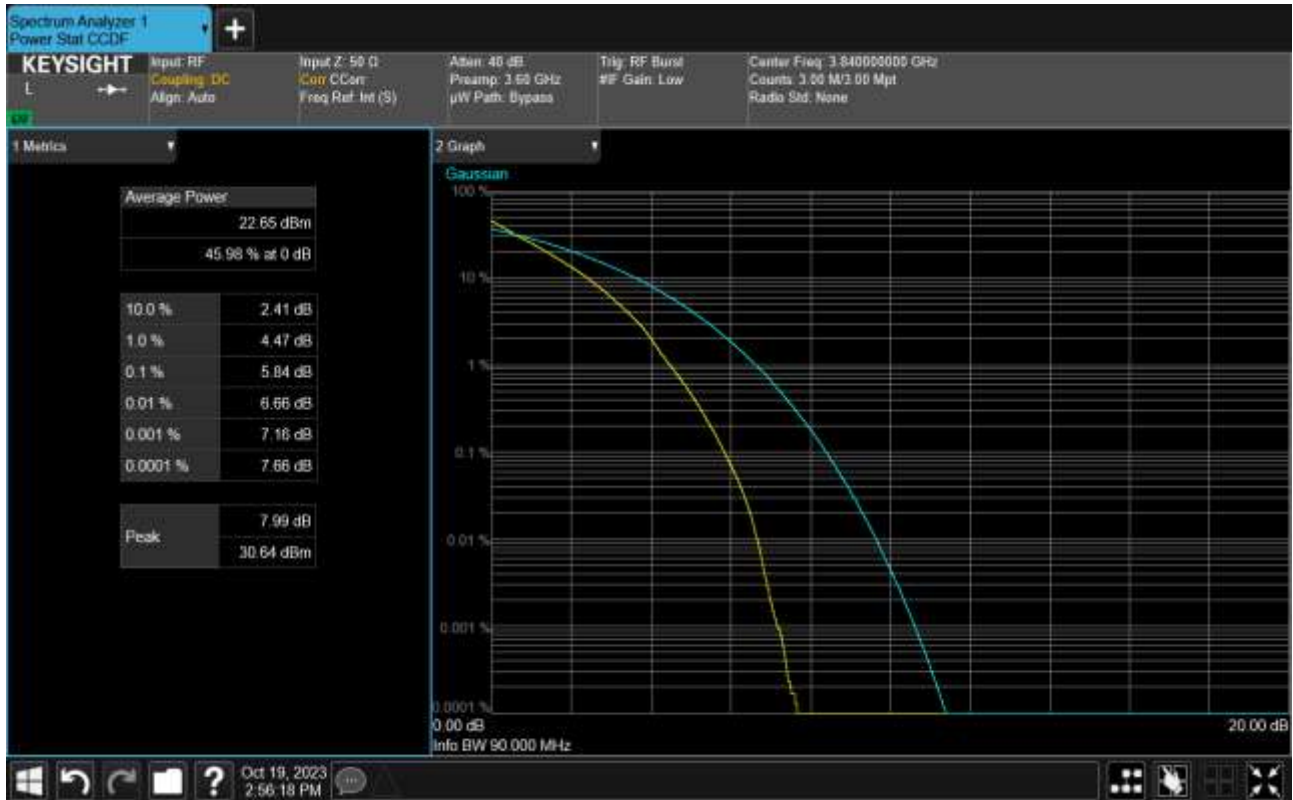
Upper BAND 77 Peak To Average Ratio Plot (80 MHz, 3 840.00 MHz, 256QAM, Full RB)



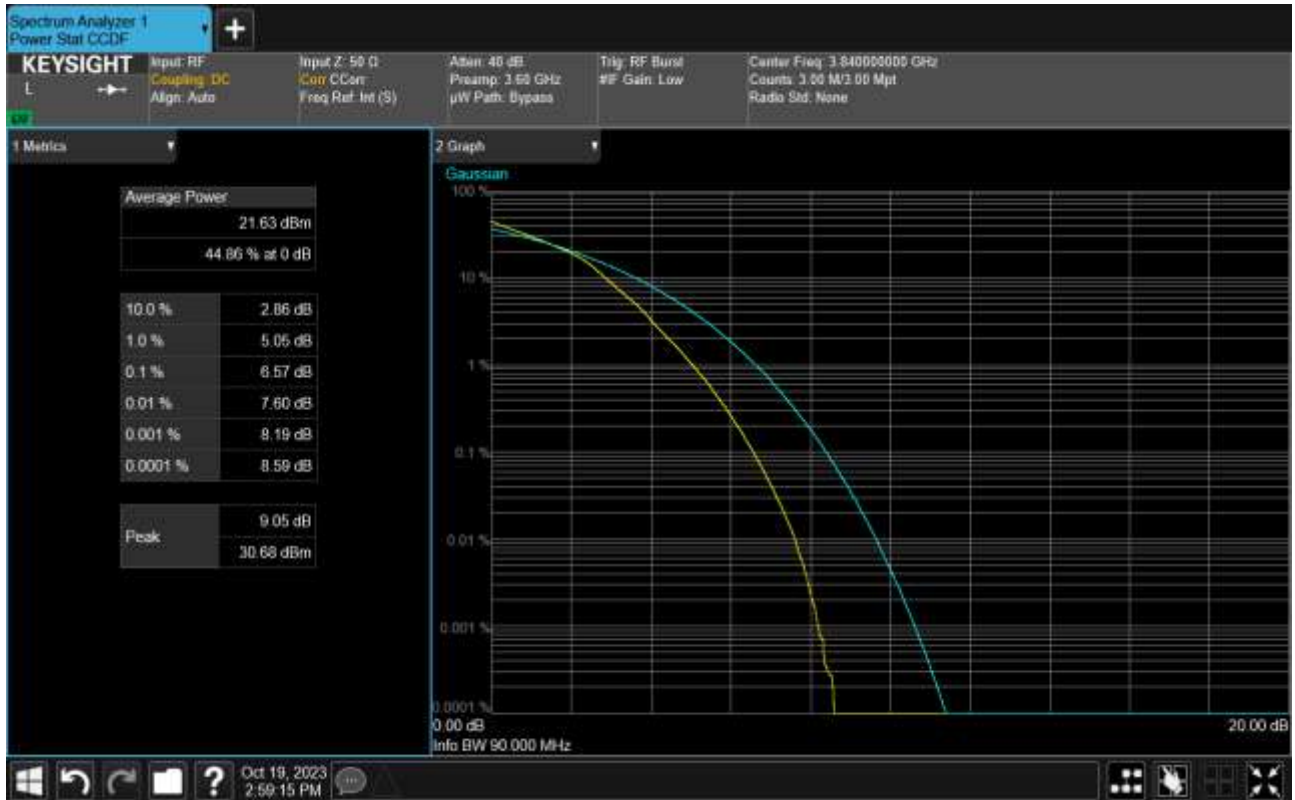
Upper BAND 77 Peak To Average Ratio Plot (90 MHz, 3 840.00 MHz, BPSK, Full RB)



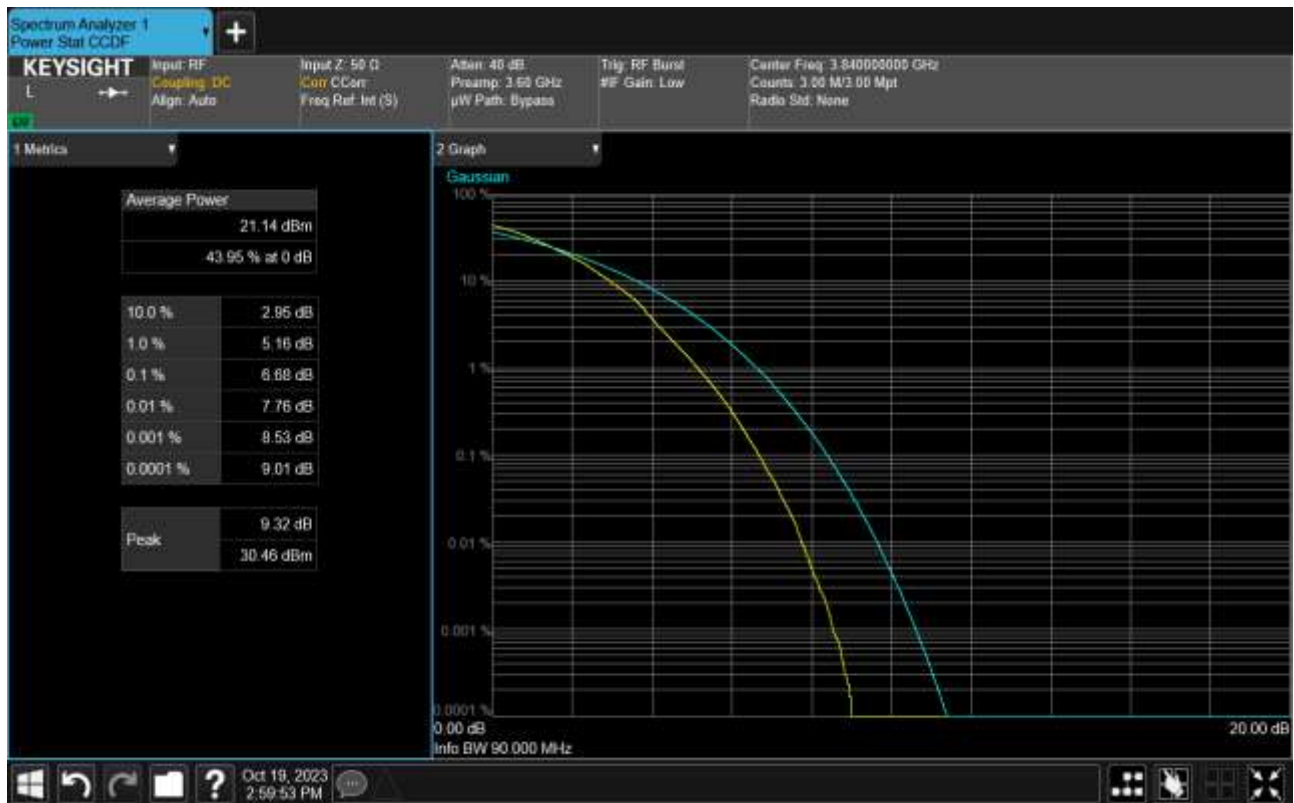
Upper BAND 77 Peak To Average Ratio Plot (80 MHz, 3 840.00 MHz, QPSK, Full RB)



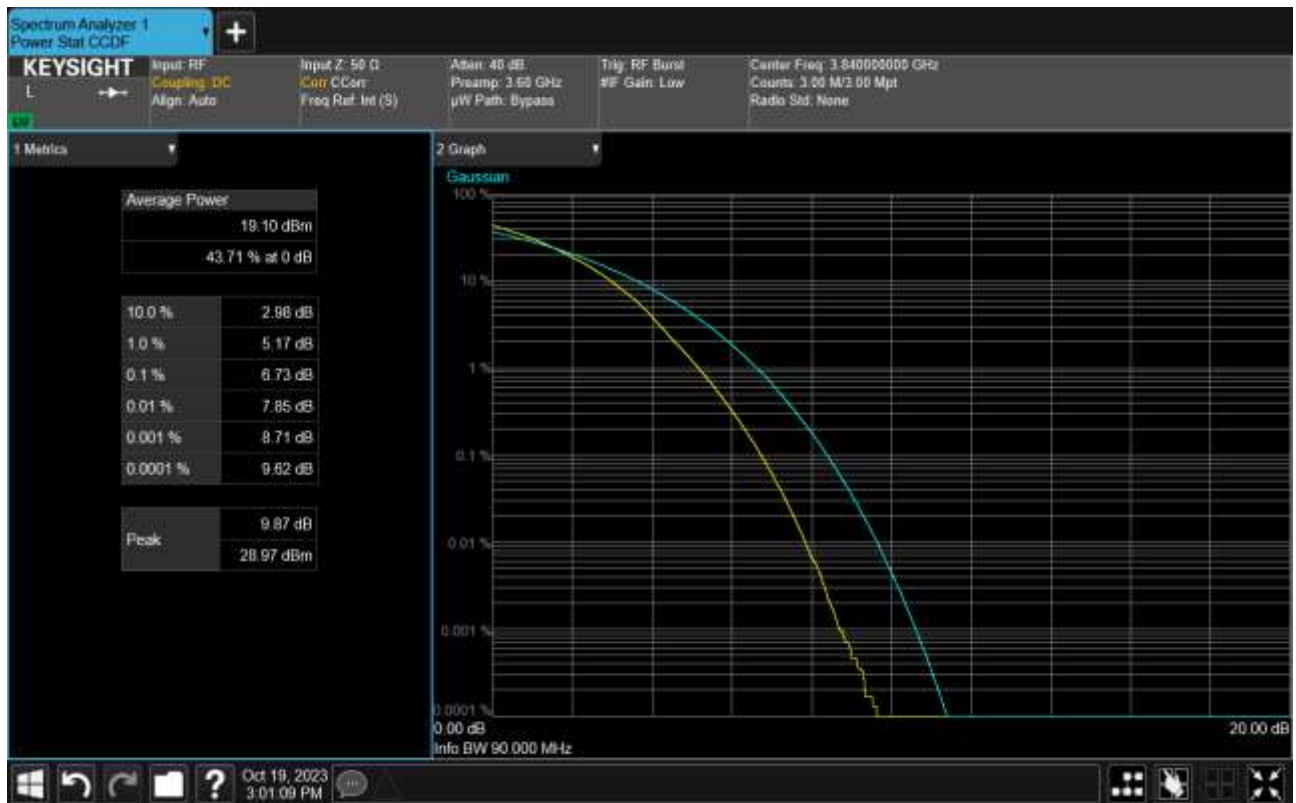
Upper BAND 77 Peak To Average Ratio Plot (90 MHz, 3 840.00 MHz, 16QAM, Full RB)



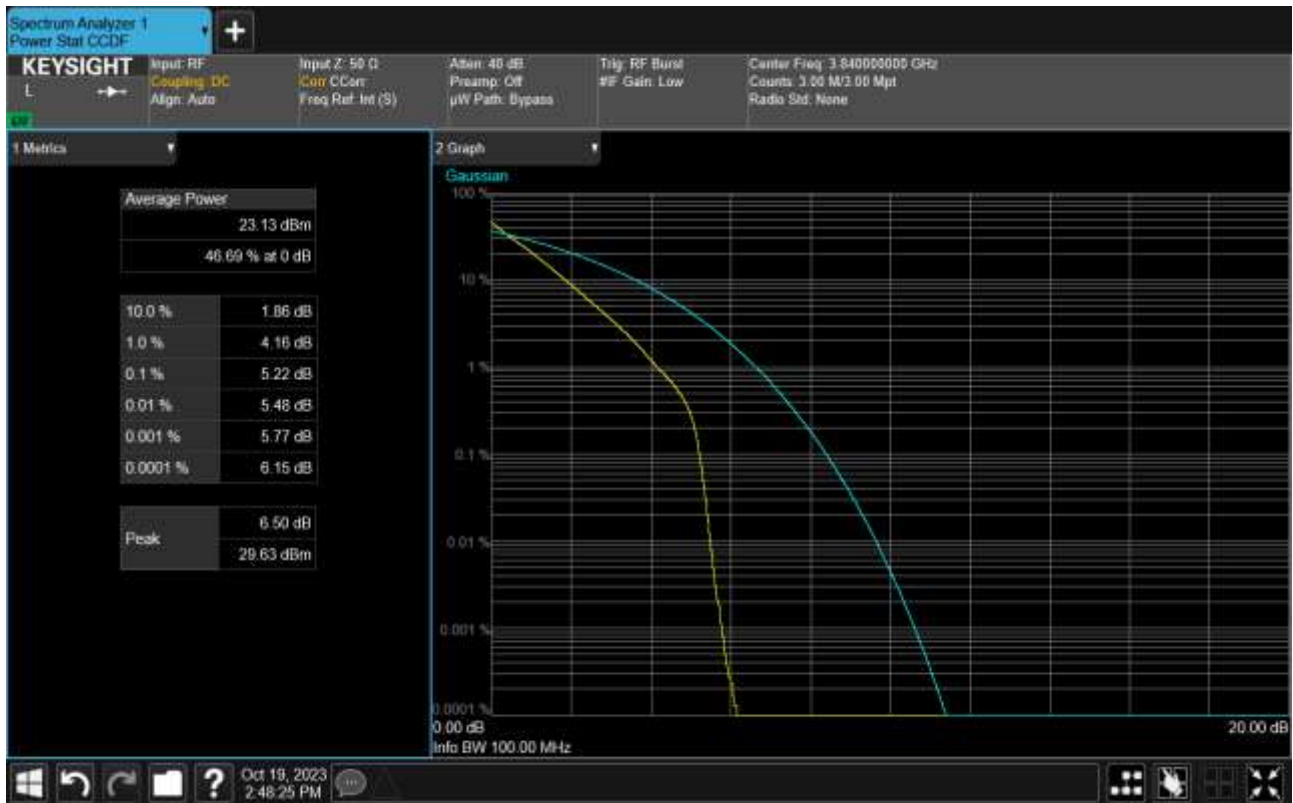
Upper BAND 77 Peak To Average Ratio Plot (90 MHz, 3 840.00 MHz, 64QAM, Full RB)



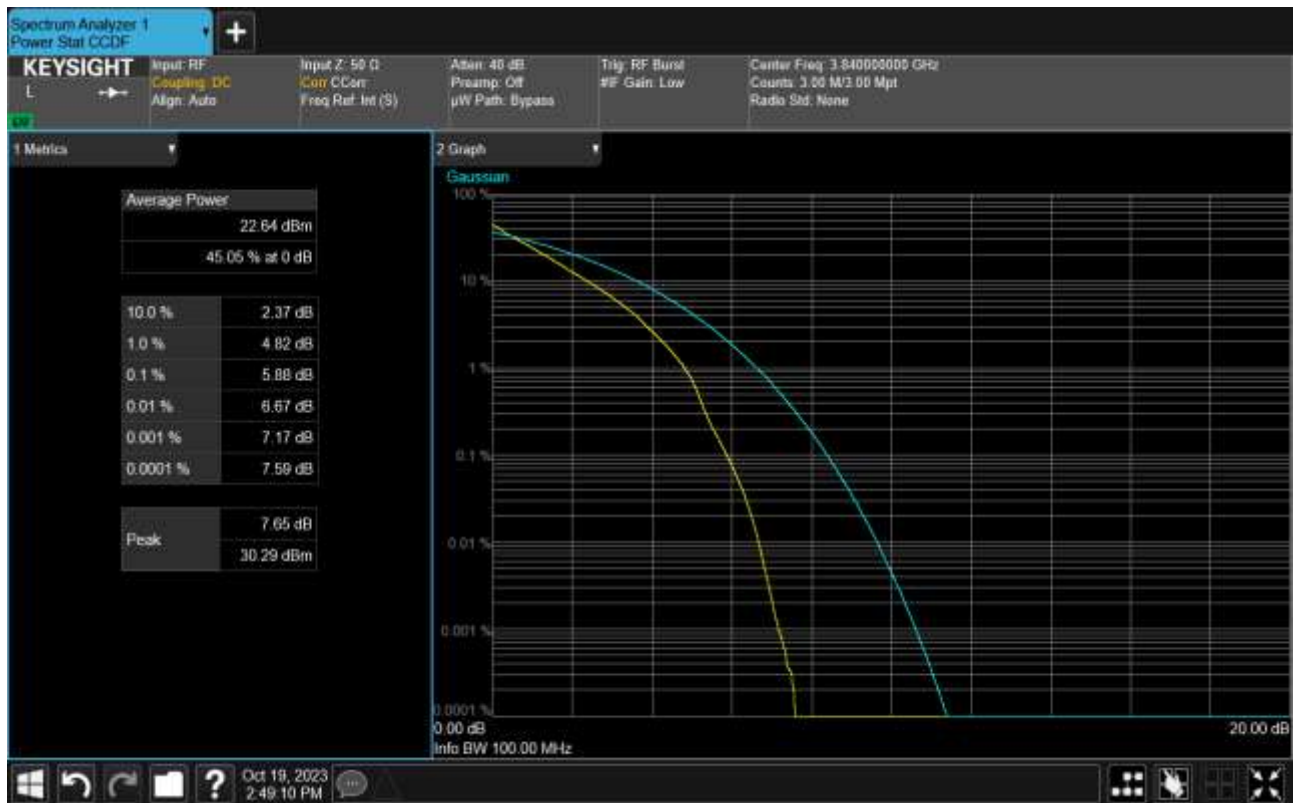
Upper BAND 77 Peak To Average Ratio Plot (90 MHz, 3 840.00 MHz, 256QAM, Full RB)



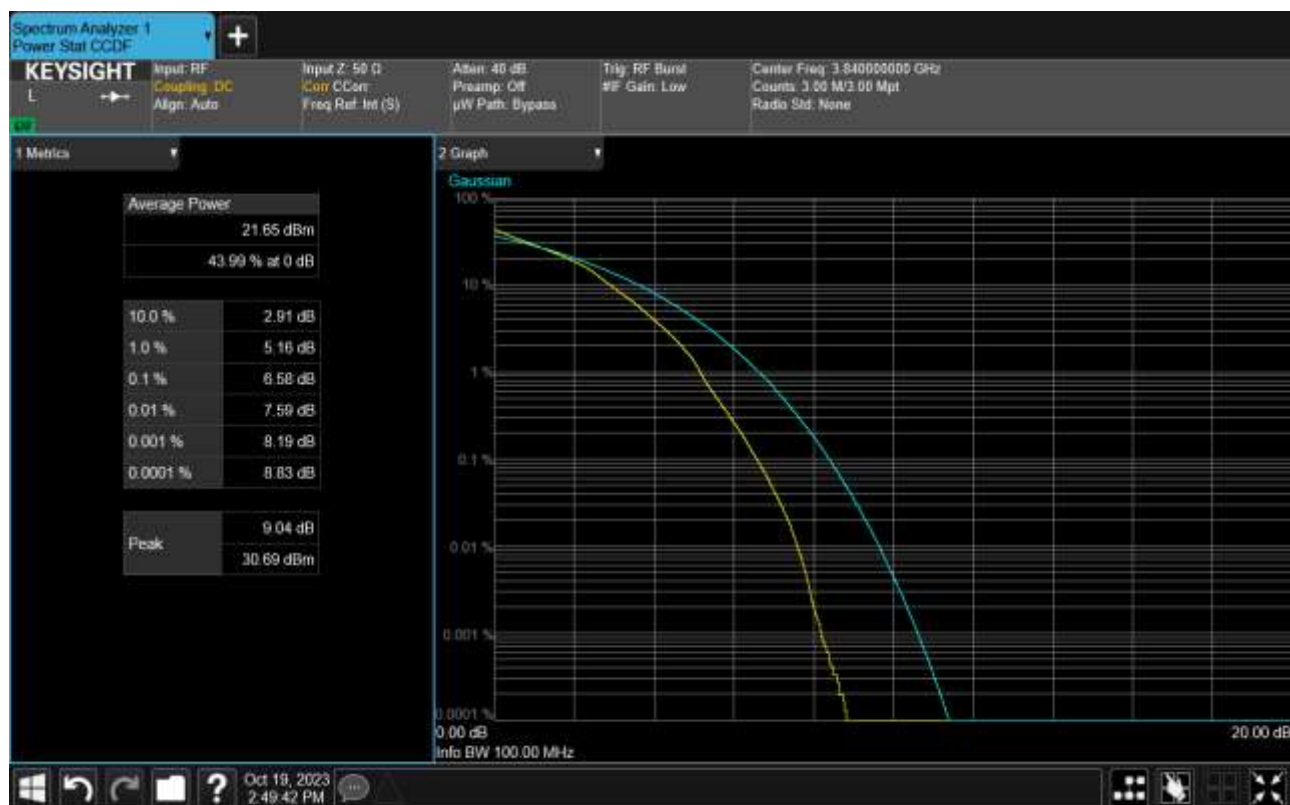
Upper BAND 77 Peak To Average Ratio Plot (100 MHz, 3 840.00 MHz, BPSK, Full RB)



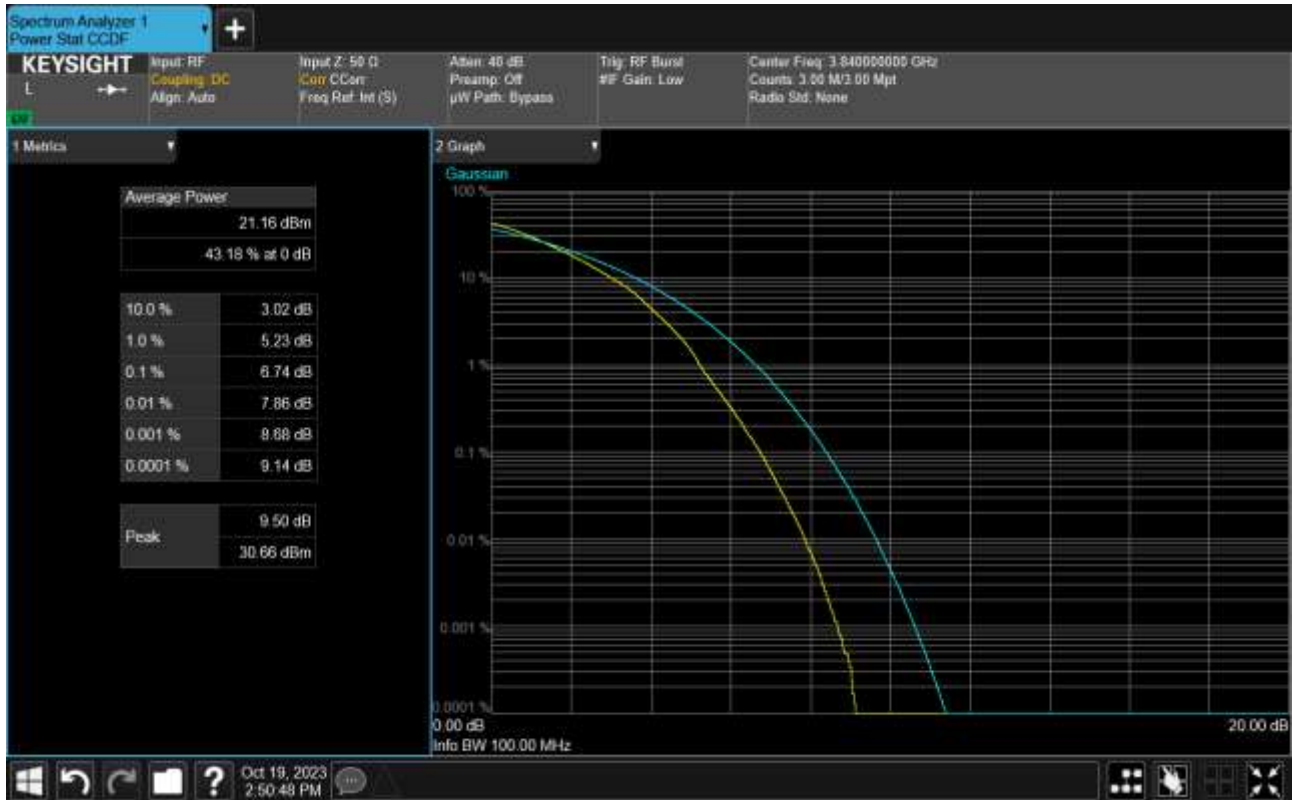
Upper BAND 77 Peak To Average Ratio Plot (100 MHz, 3 840.00 MHz, QPSK, Full RB)



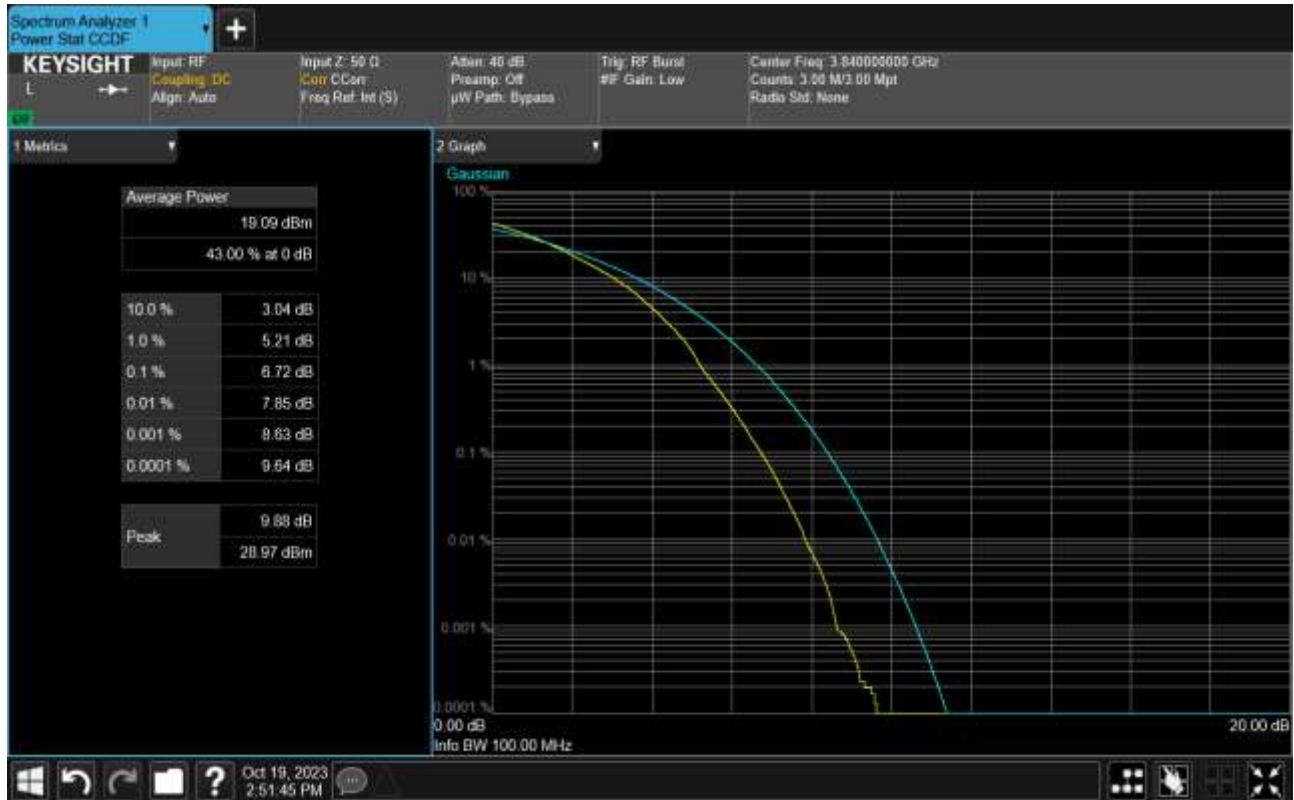
Upper BAND 77 Peak To Average Ratio Plot (90 MHz, 3 840.00 MHz, 16QAM, Full RB)



Upper BAND 77 Peak To Average Ratio Plot (100 MHz, 3 840.00 MHz, 64QAM, Full RB)



Upper BAND 77 Peak To Average Ratio Plot (100 MHz, 3 840.00 MHz, 256QAM, Full RB)

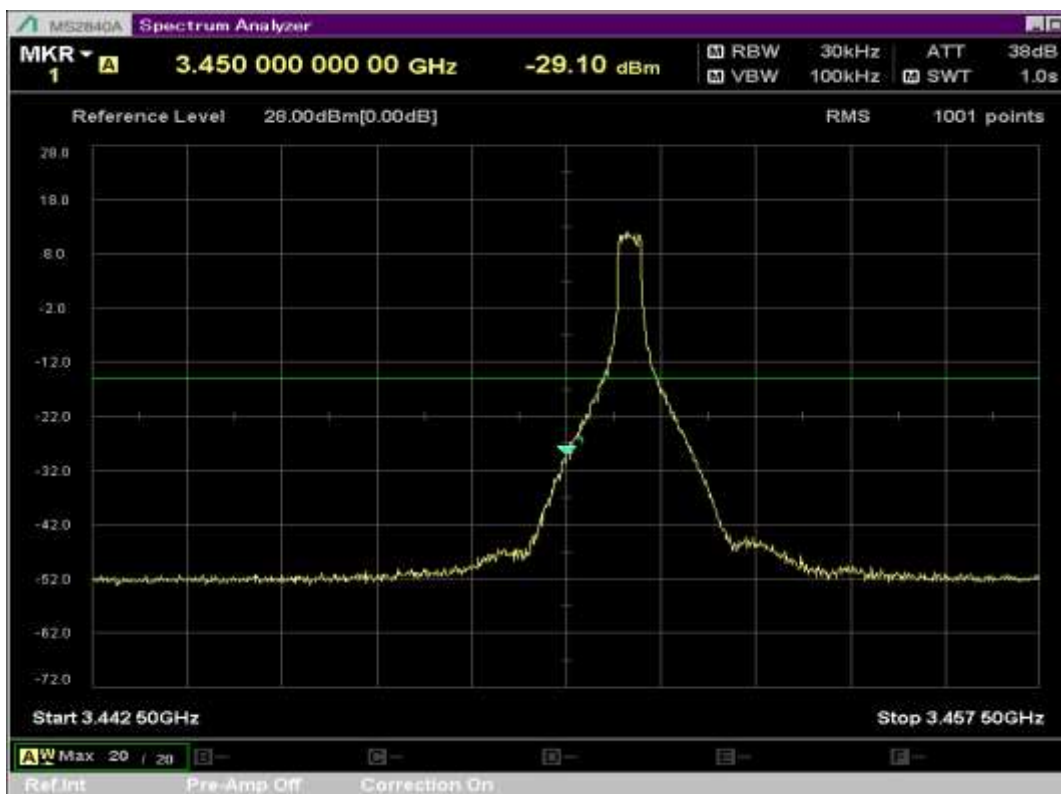


13.7 BAND EDGE EMISSIONS

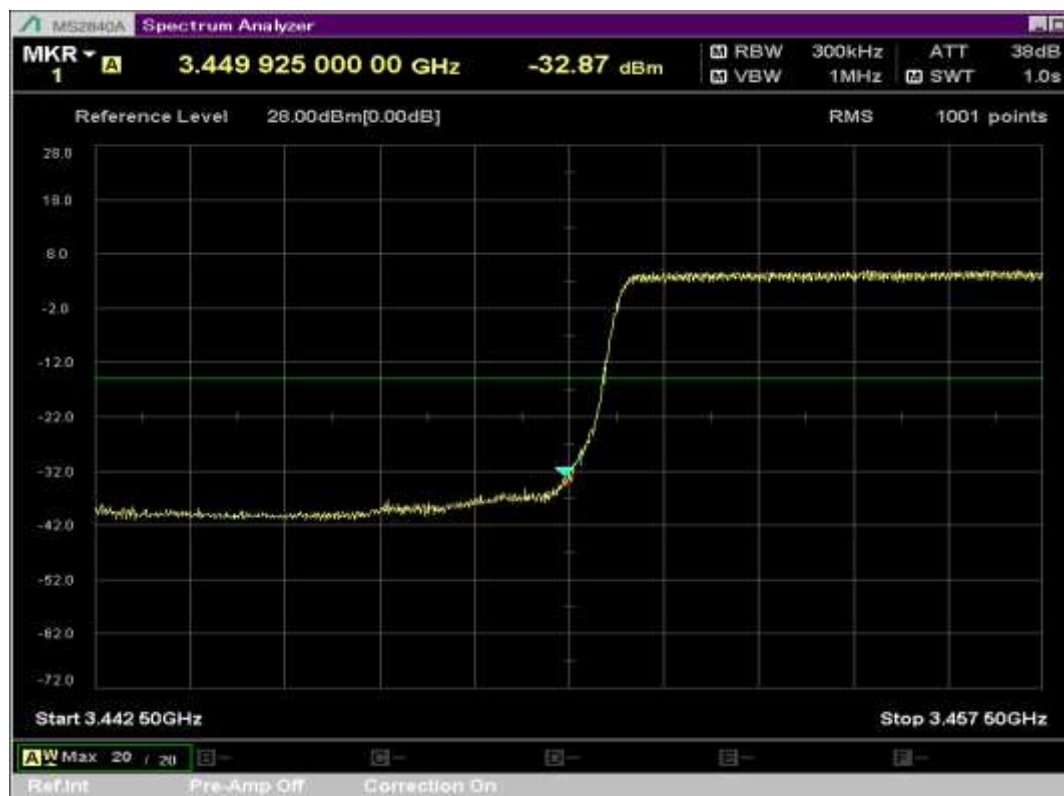
All modes of operation were investigated, and the worst-case configuration results are reported in this section.

Low BAND 77

Lower Band Edge Plot (20 MHz, BPSK, 1 RB)



Lower Band Edge Plot (20 MHz, BPSK, FULL RB)



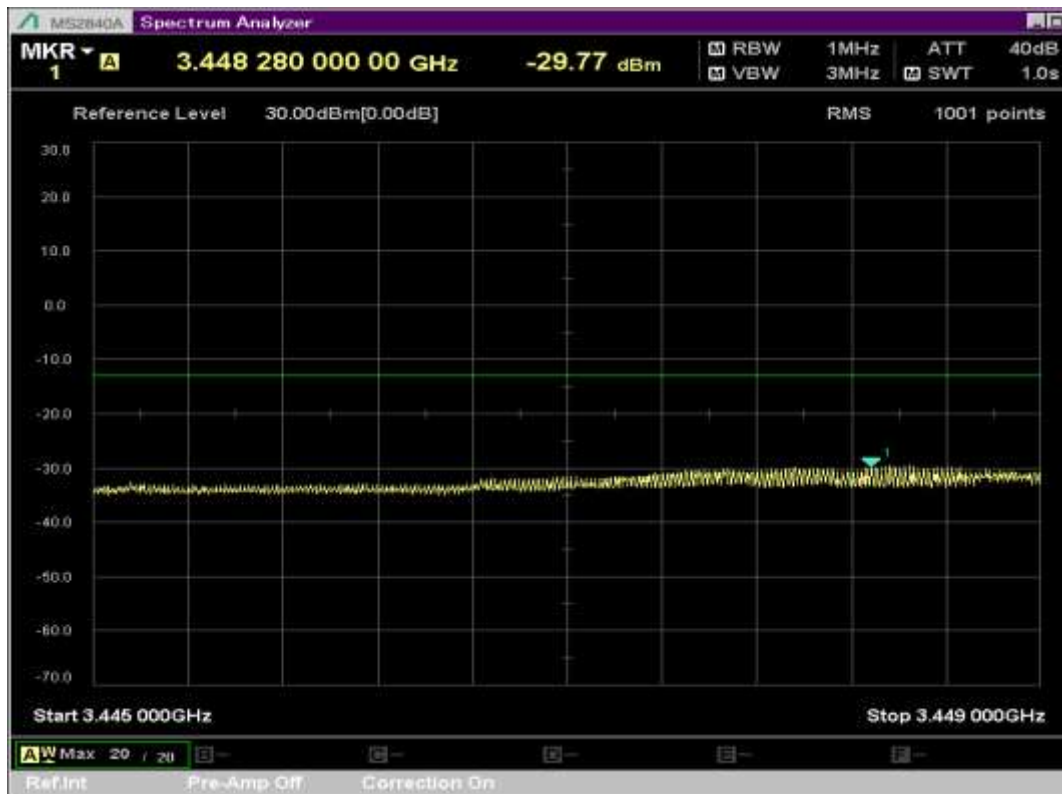
Lower Extended Band Edge Plot 1 (20 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (20 MHz, BPSK, 1 RB)



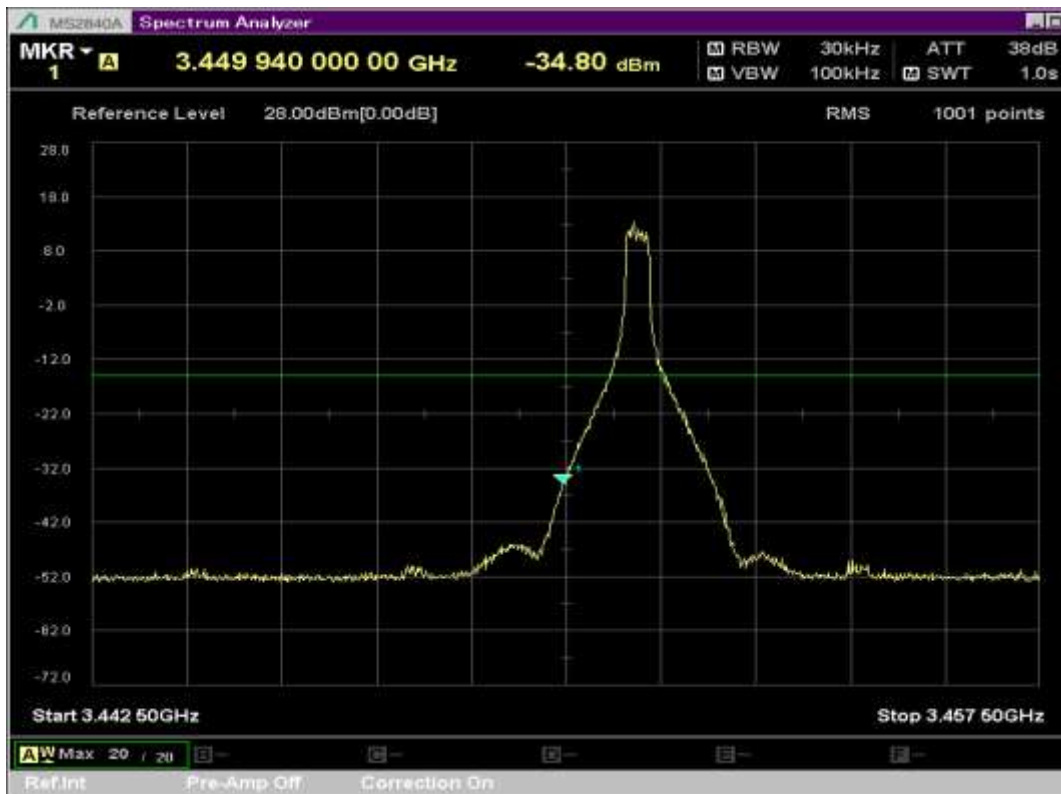
Lower Extended Band Edge Plot 1 (20 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (20 MHz, BPSK, Full RB)



Lower Band Edge Plot (30 MHz, BPSK, 1 RB)



Lower Band Edge Plot (30 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (30 MHz, BPSK, 1 RB)



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Lower Extended Band Edge Plot 2 (30 MHz, BPSK, 1 RB)



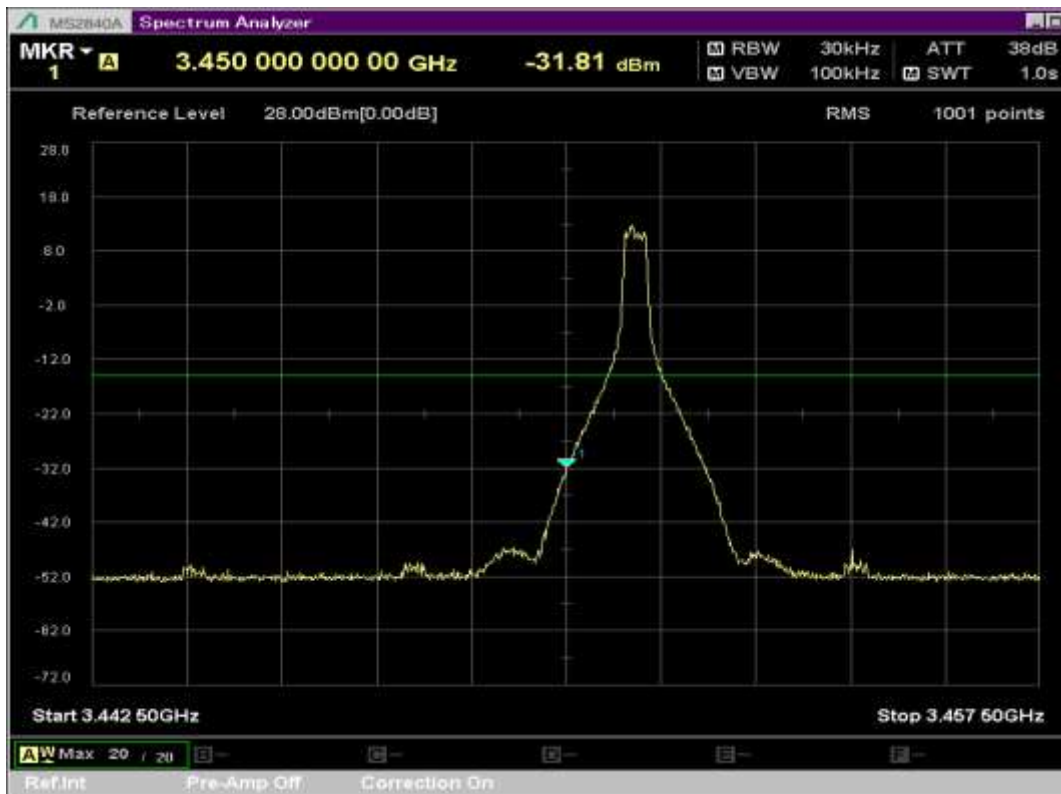
Lower Extended Band Edge Plot 1 (30 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (30 MHz, BPSK, Full RB)



Lower Band Edge Plot (40 MHz, BPSK, 1 RB)



Lower Band Edge Plot (40 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (40 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (40 MHz, BPSK, 1 RB)



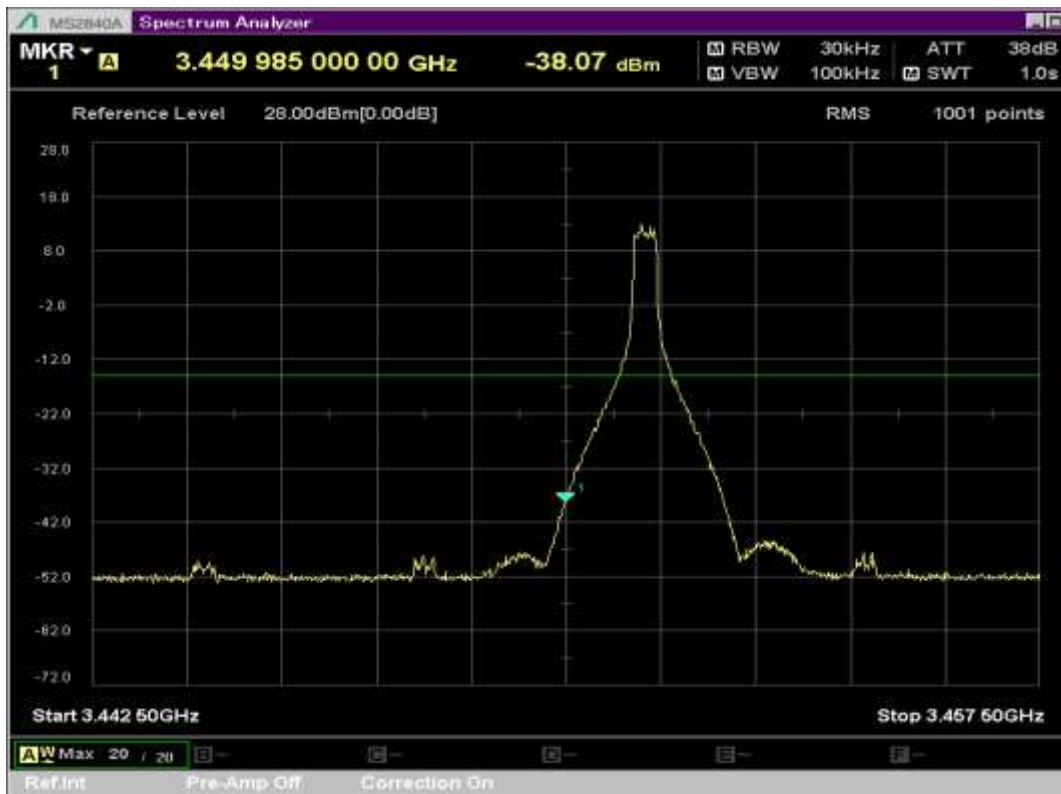
Lower Extended Band Edge Plot 1 (40 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (40 MHz, BPSK, Full RB)



Lower Band Edge Plot (50 MHz, BPSK, 1 RB)



Lower Band Edge Plot (50 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (50 MHz, BPSK, 1 RB)

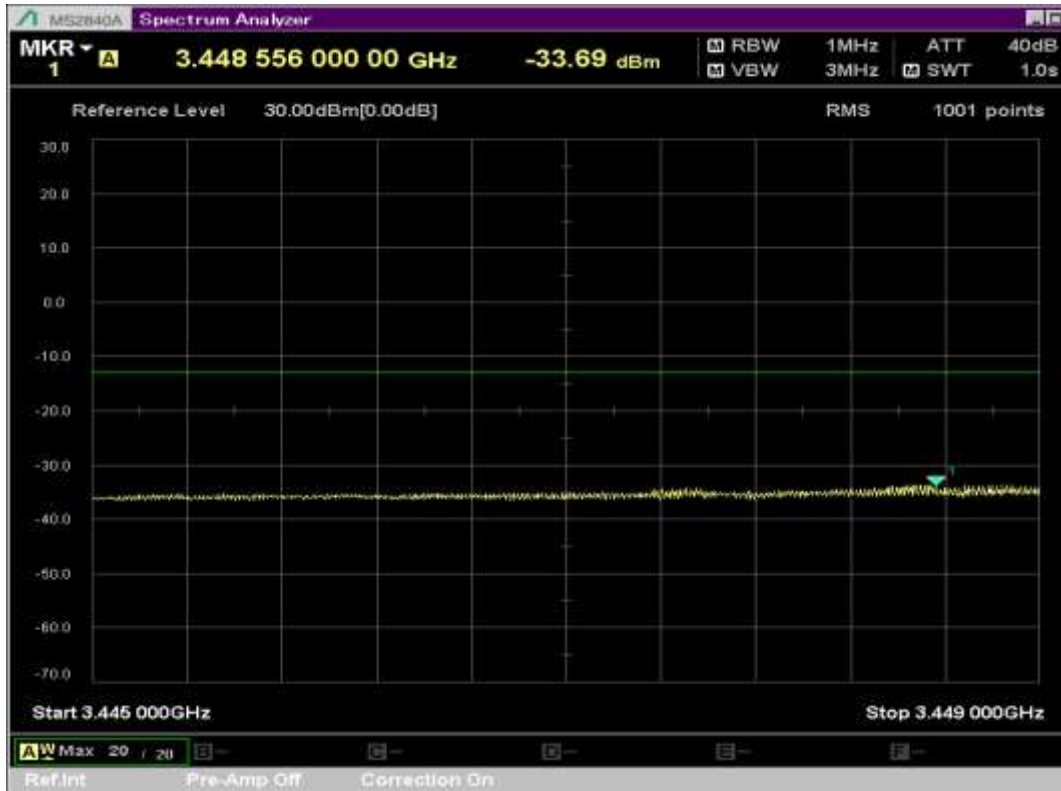


/

Lower Extended Band Edge Plot 2 (50 MHz, BPSK, 1 RB)



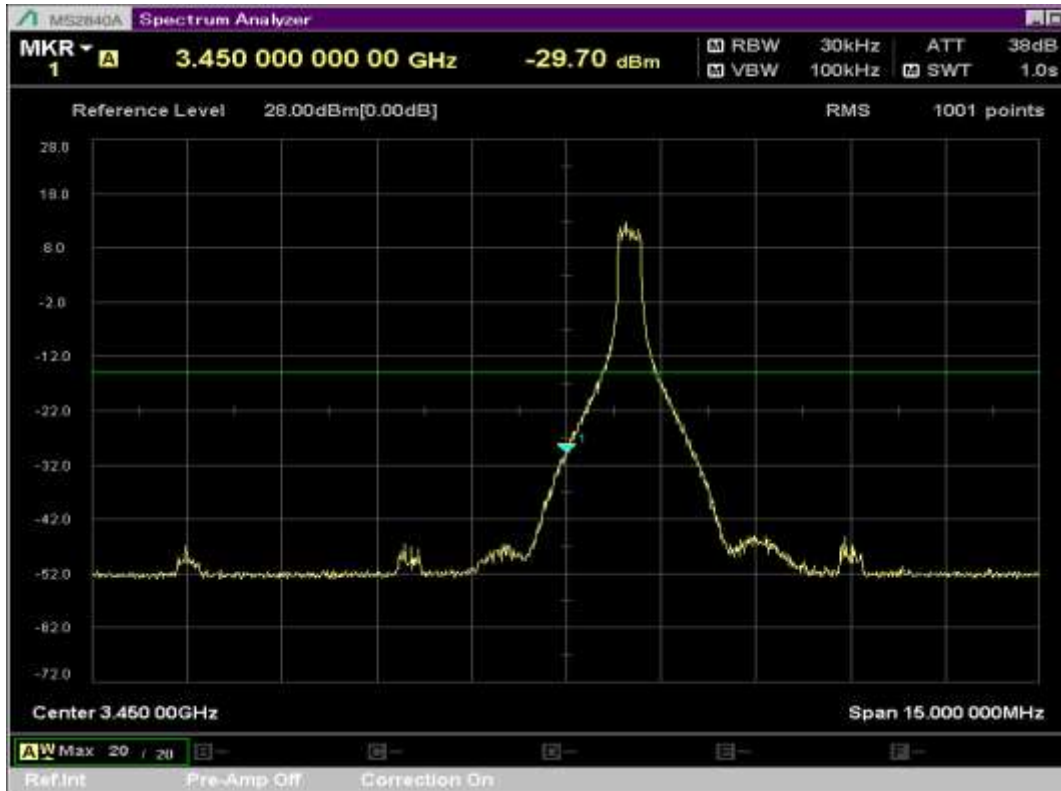
Lower Extended Band Edge Plot 1 (50 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (50 MHz, BPSK, Full RB)



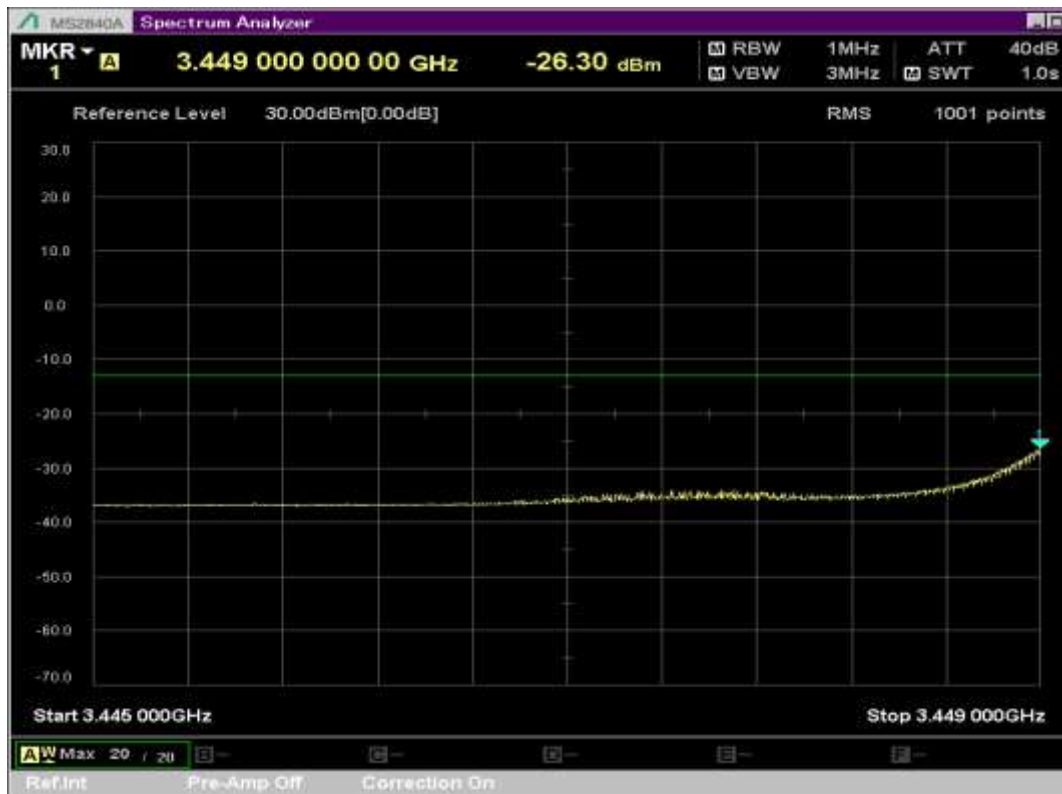
Lower Band Edge Plot (60 MHz, BPSK, 1 RB)



Lower Band Edge Plot (60 MHz, BPSK, FULL RB)



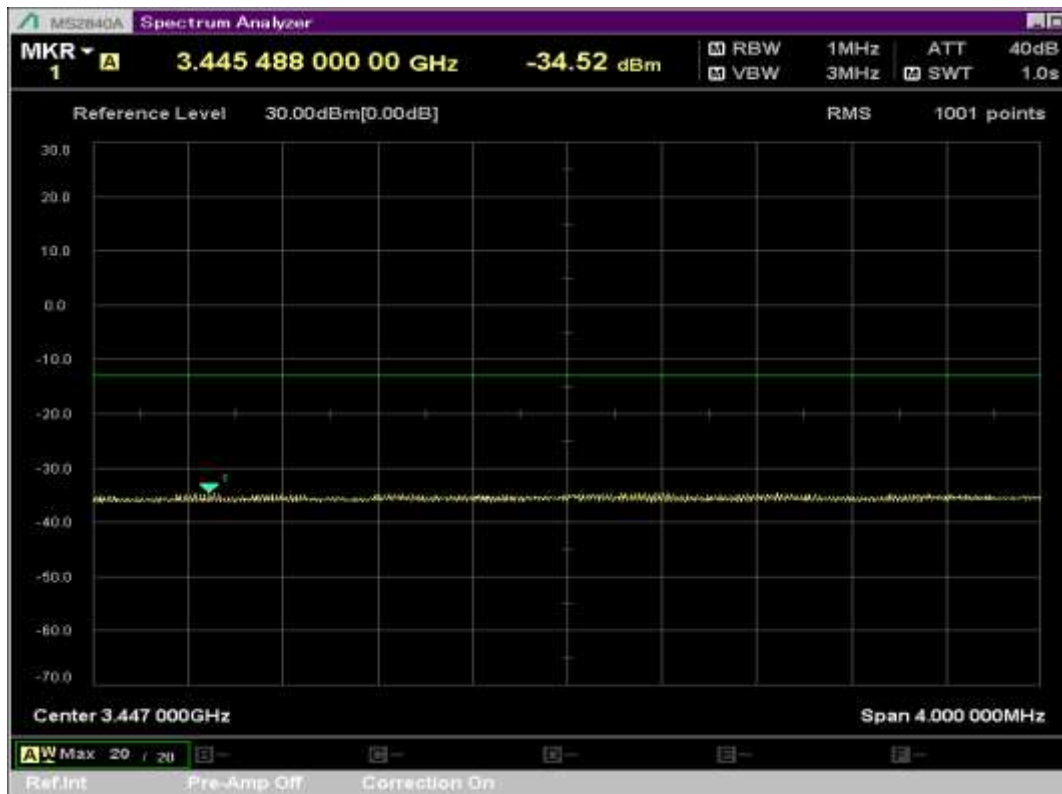
Lower Extended Band Edge Plot 1 (60 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (60 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 1 (60 MHz, BPSK, Full RB)



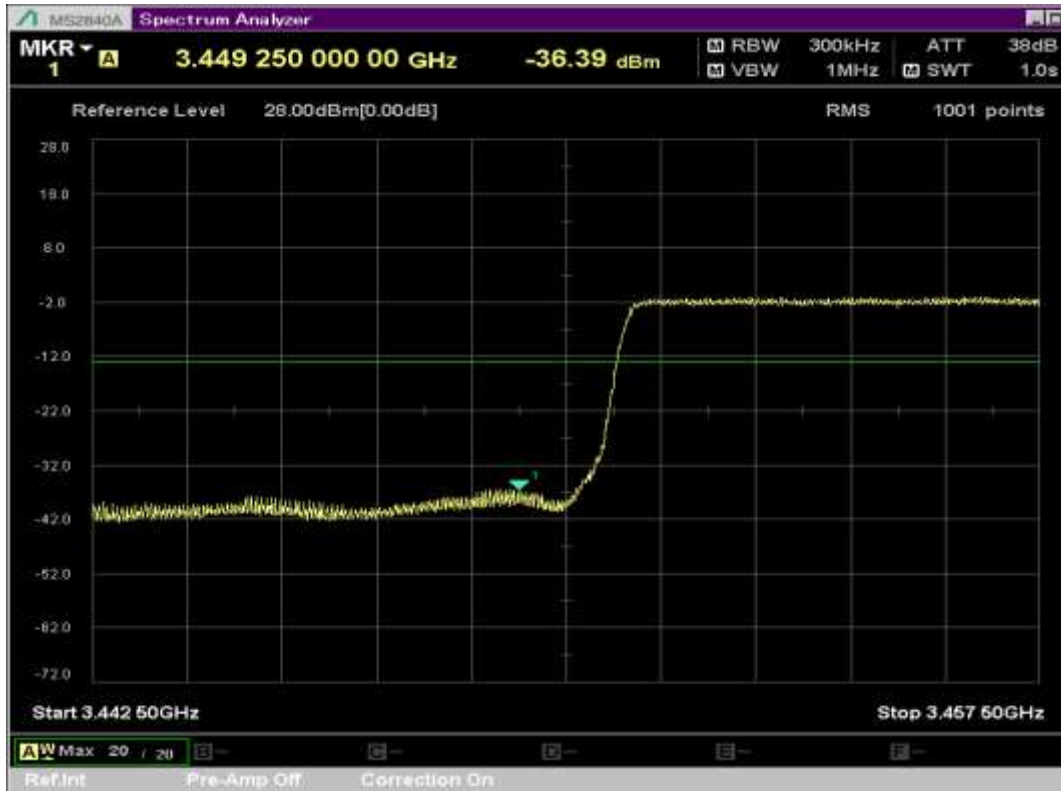
Lower Extended Band Edge Plot 2 (60 MHz, BPSK, Full RB)



Lower Band Edge Plot (70 MHz, BPSK, 1 RB)



Lower Band Edge Plot (70 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (70 MHz, BPSK, 1 RB)



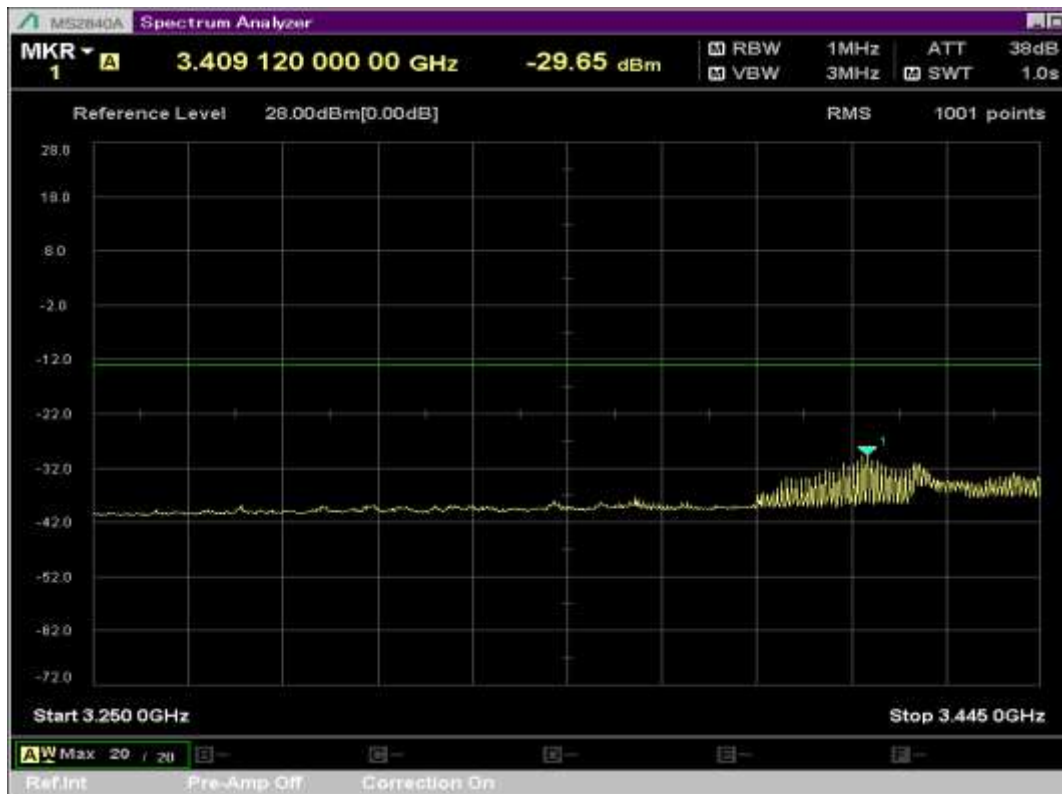
Lower Extended Band Edge Plot 2 (70 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 1 (70 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (70 MHz, BPSK, Full RB)



Lower Band Edge Plot (80 MHz, BPSK, 1 RB)



Lower Band Edge Plot (80 MHz, BPSK, FULL RB)



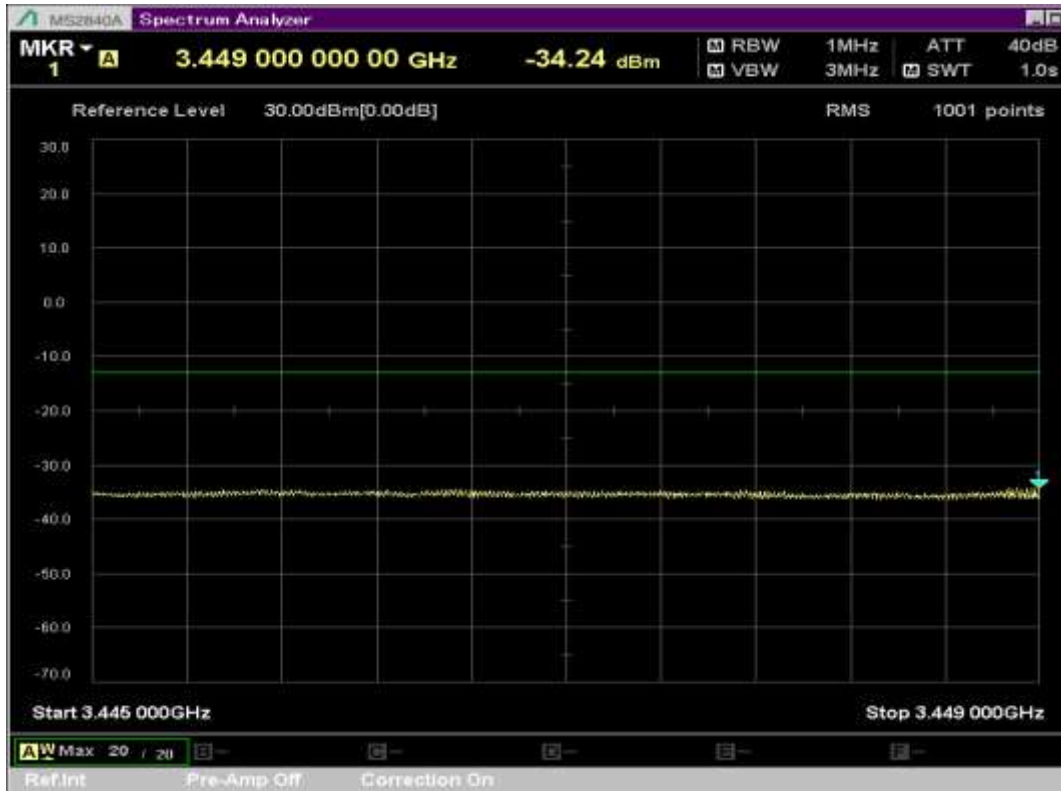
Lower Extended Band Edge Plot 1 (80 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (80 MHz, BPSK, 1 RB)



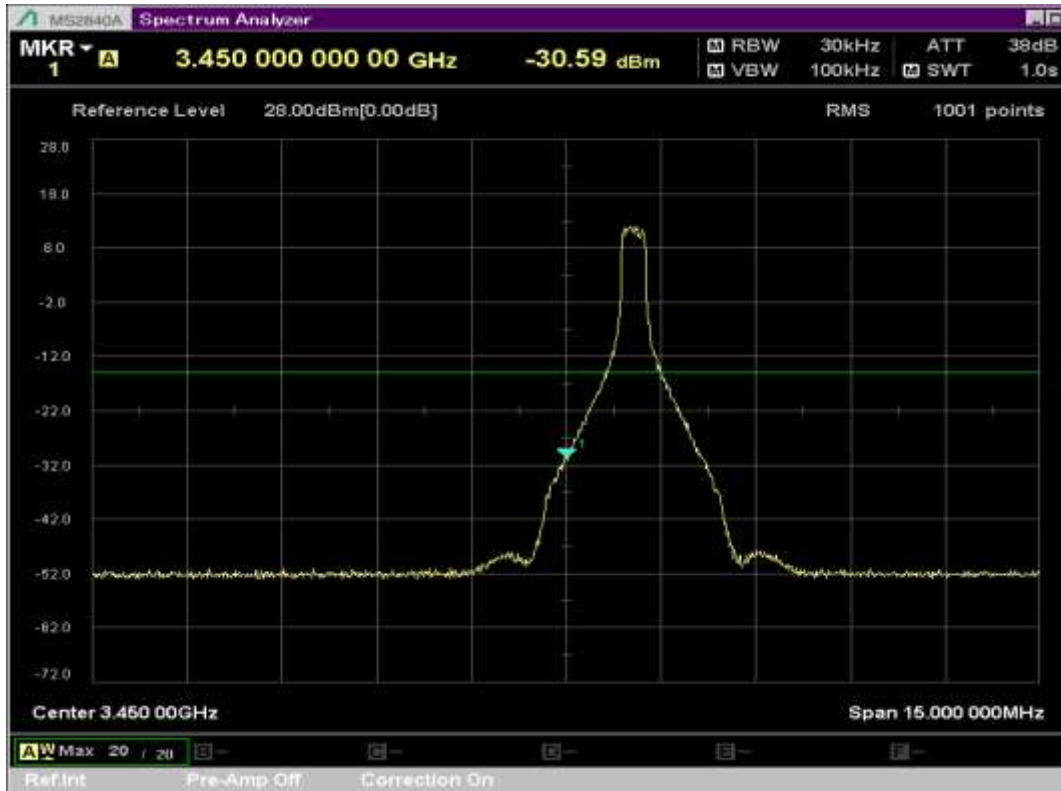
Lower Extended Band Edge Plot 1 (80 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (80 MHz, BPSK, Full RB)



Lower Band Edge Plot (90 MHz, BPSK, 1 RB)



Lower Band Edge Plot (90 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (90 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (90 MHz, BPSK, 1 RB)



MS2840A Spectrum Analyzer

MKR 1 3.448 688 000 00 GHz -35.02 dBm RBW 1MHz ATT 40dB VSW 3MHz SWT 1.0s

Reference Level 30.00dBm[0.00dB] RMS 1001 points

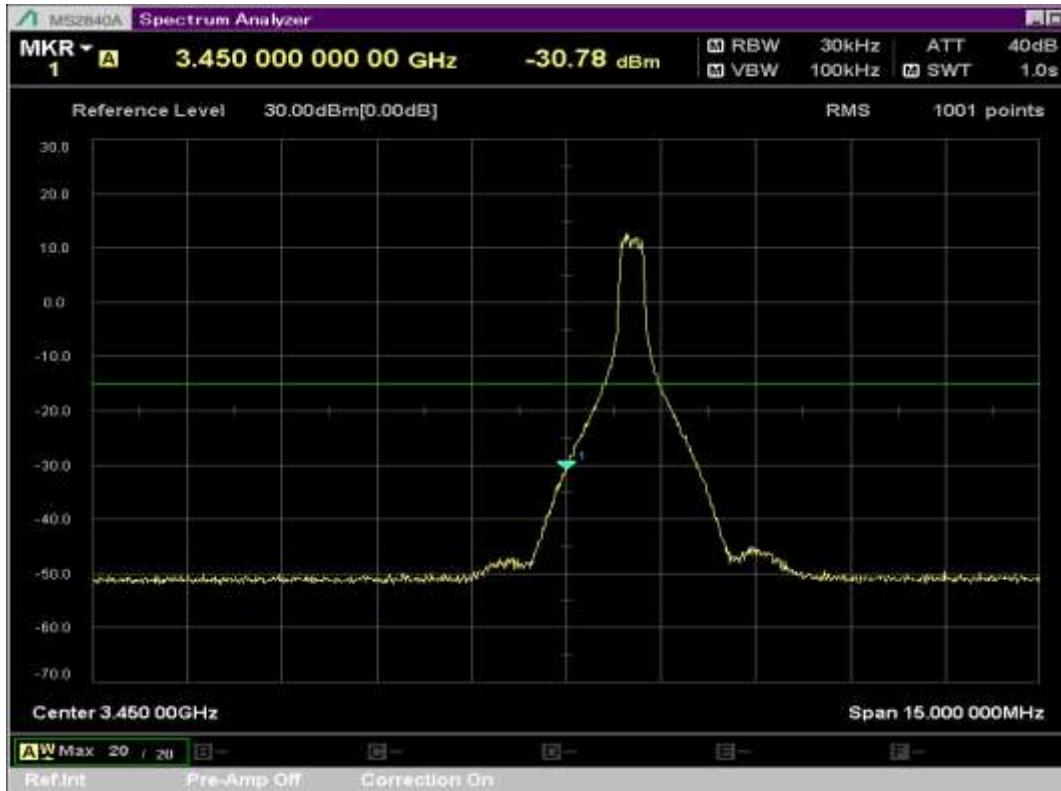
Start 3.445 000GHz Stop 3.449 000GHz

W Max 20 / 20 Ref Int Pre-Amp Off Correction On

Lower Extended Band Edge Plot 2 (90 MHz, BPSK, Full RB)



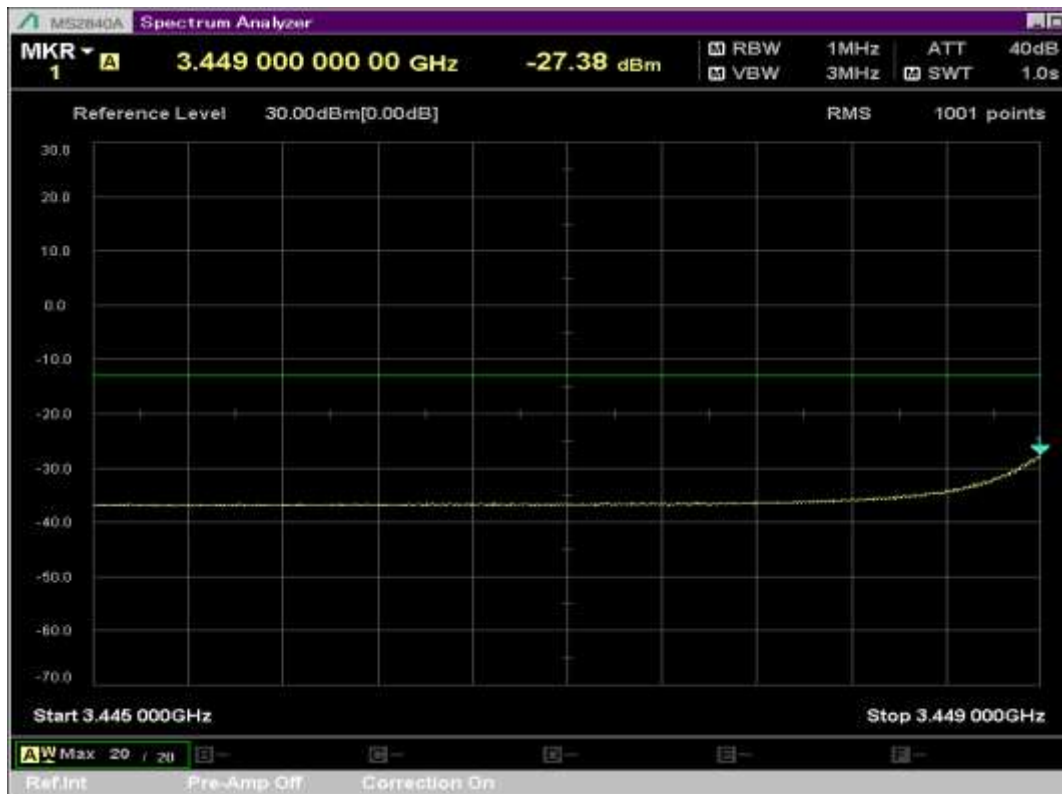
Lower Band Edge Plot (100 MHz, BPSK, 1 RB)



Lower Band Edge Plot (100 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (100 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (100 MHz, BPSK, 1 RB)



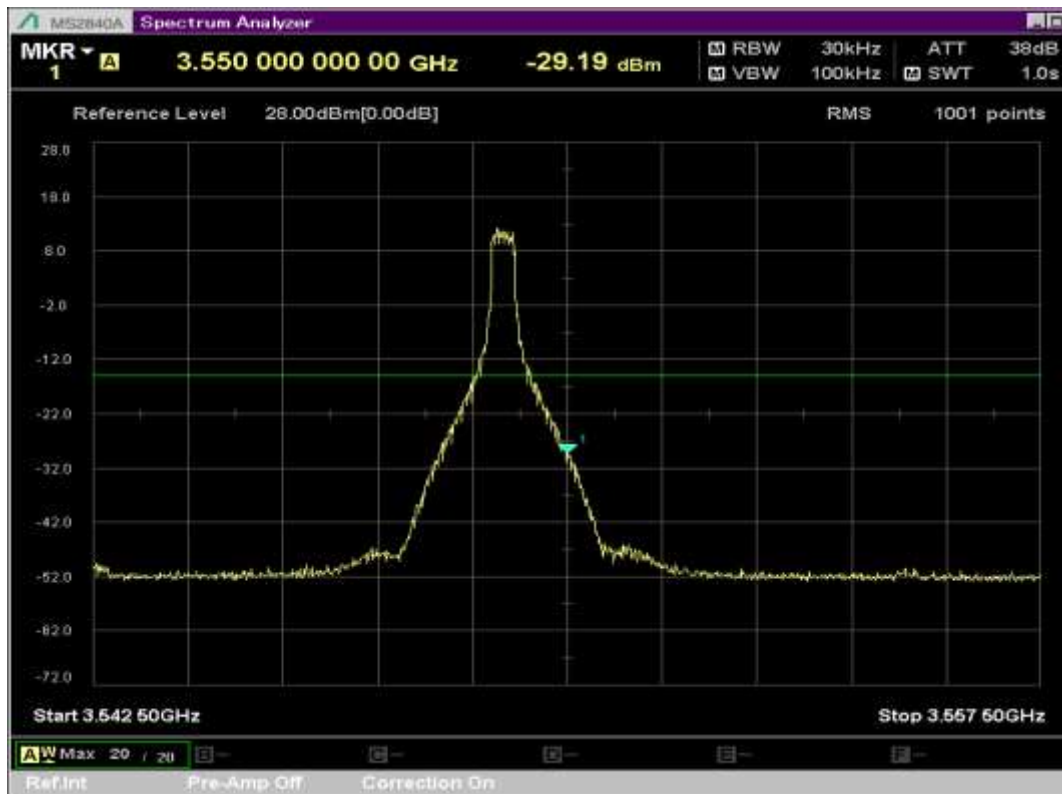
Lower Extended Band Edge Plot 1 (100 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (100 MHz, BPSK, Full RB)



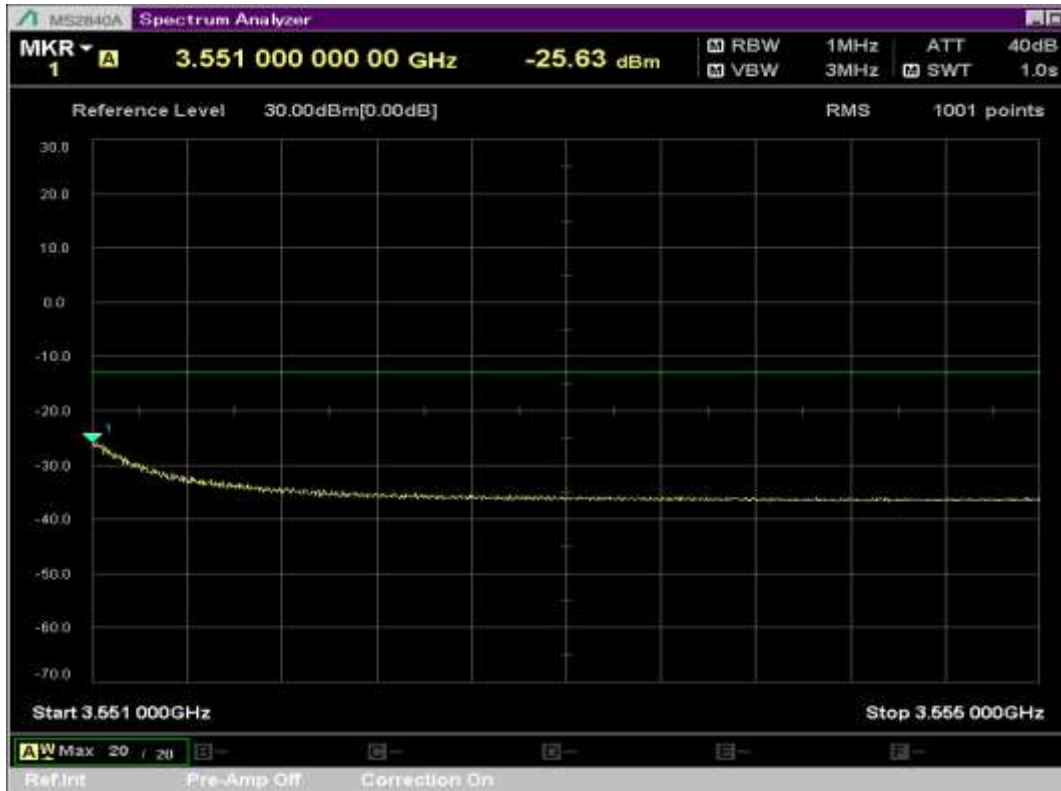
Upper Band Edge Plot (20 MHz, BPSK, 1 RB)



Upper Band Edge Plot (20 MHz, BPSK, FULL RB)



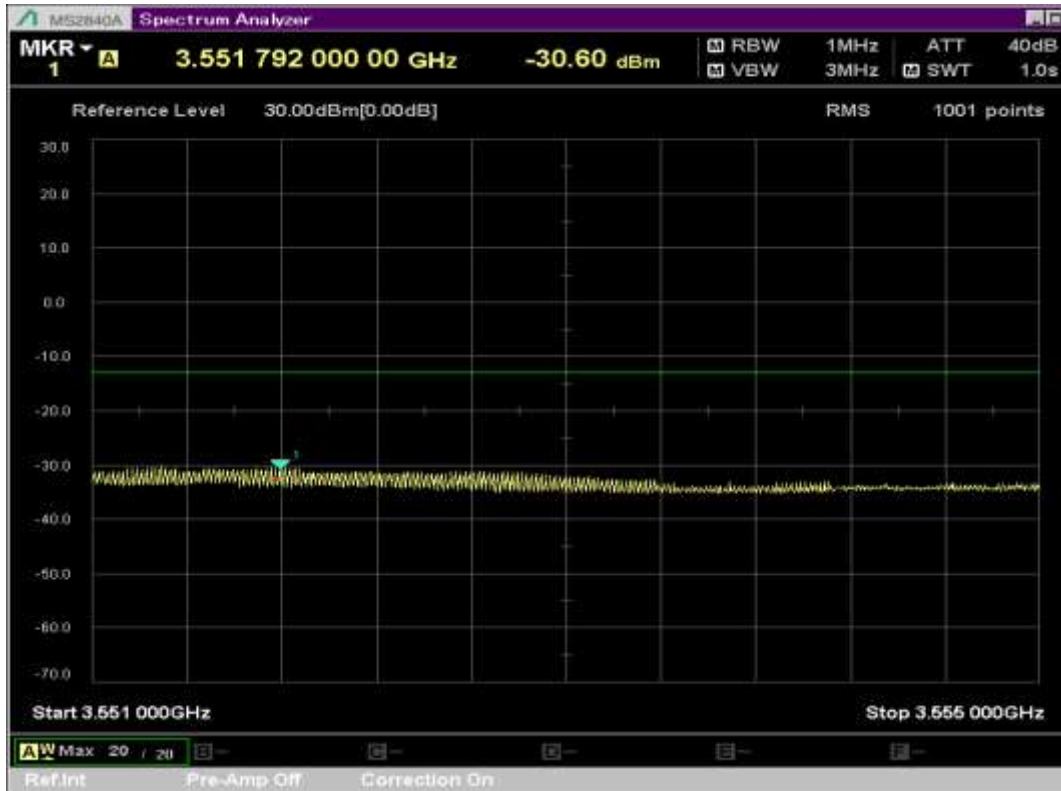
Upper Extended Band Edge Plot 1 (20 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (20 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (20 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (20 MHz, BPSK, Full RB)



Upper Band Edge Plot (30 MHz, BPSK, 1 RB)



Upper Band Edge Plot (30 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (30 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (30 MHz, BPSK, 1 RB)



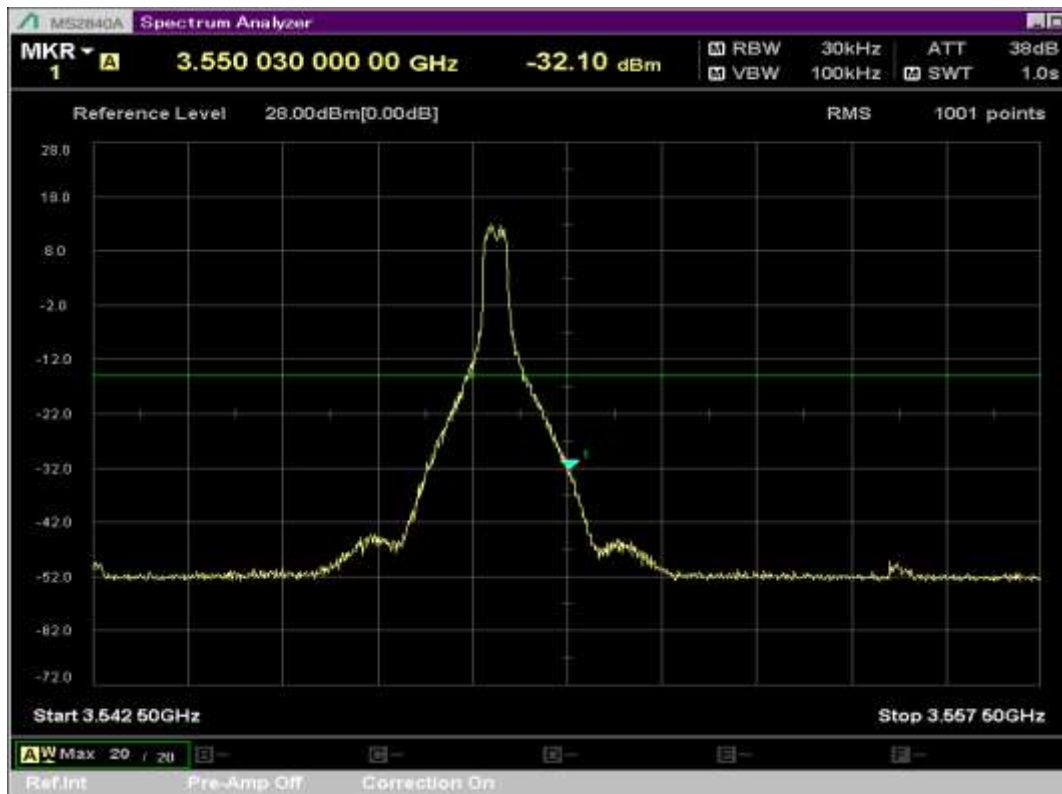
Upper Extended Band Edge Plot 1 (30 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (30 MHz, BPSK, Full RB)



Upper Band Edge Plot (40 MHz, BPSK, 1 RB)



Upper Band Edge Plot (40 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (40 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (40 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (40 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (40 MHz, BPSK, Full RB)



Upper Band Edge Plot (50 MHz, BPSK, 1 RB)



Upper Band Edge Plot (50 MHz, BPSK, FULL RB)



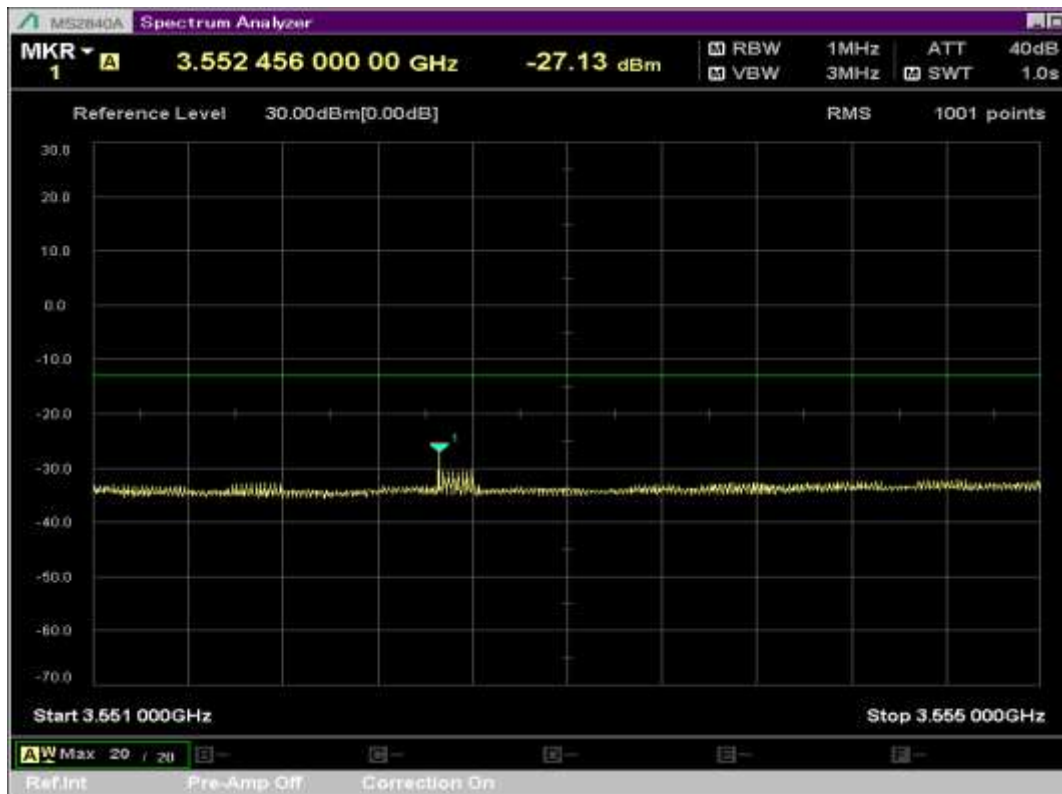
Upper Extended Band Edge Plot 1 (50 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (50 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (50 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (50 MHz, BPSK, Full RB)



Upper Band Edge Plot (60 MHz, BPSK, 1 RB)



Upper Band Edge Plot (60 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (60 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (60 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (60 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (60 MHz, BPSK, Full RB)



Upper Band Edge Plot (70 MHz, BPSK, 1 RB)



Upper Band Edge Plot (70 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (70 MHz, BPSK, 1 RB)



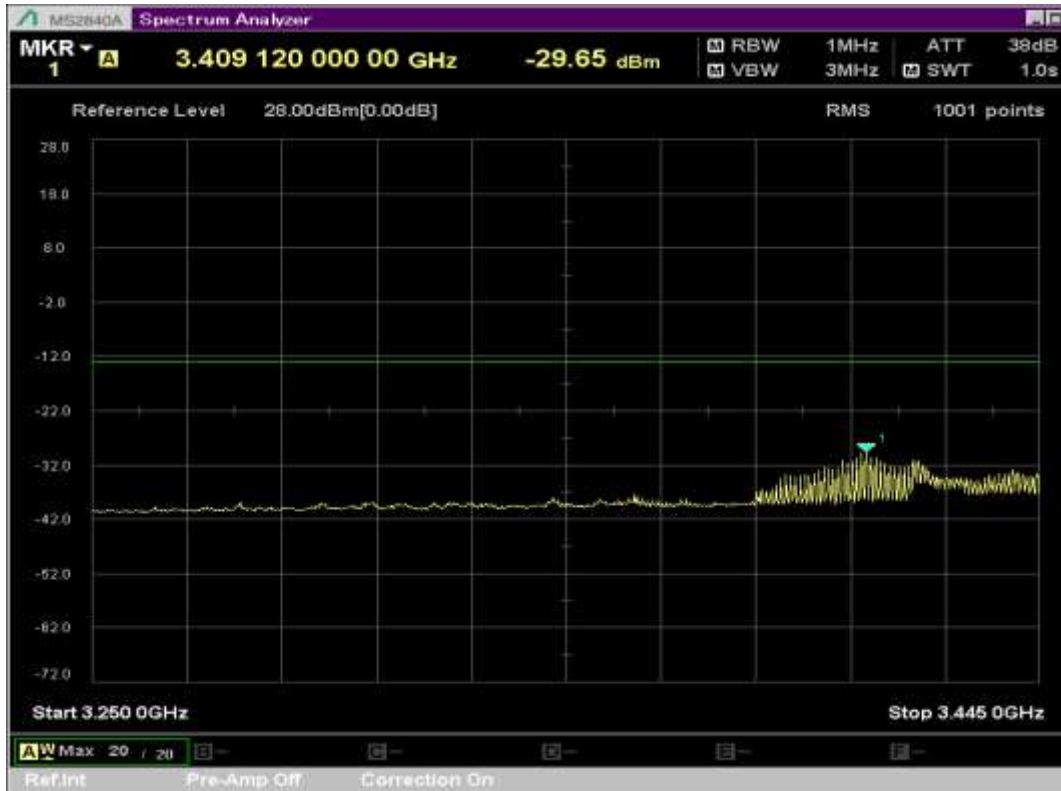
Upper Extended Band Edge Plot 2 (70 MHz, BPSK, 1 RB)



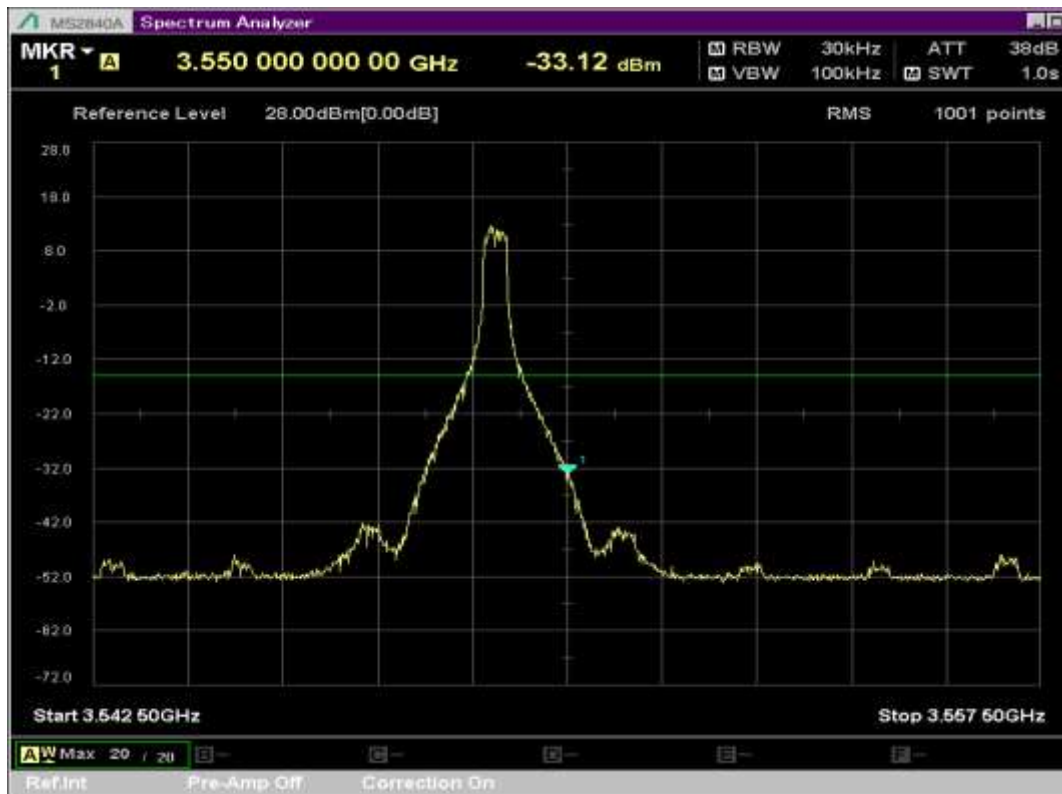
Upper Extended Band Edge Plot 1 (70 MHz, BPSK, Full RB)



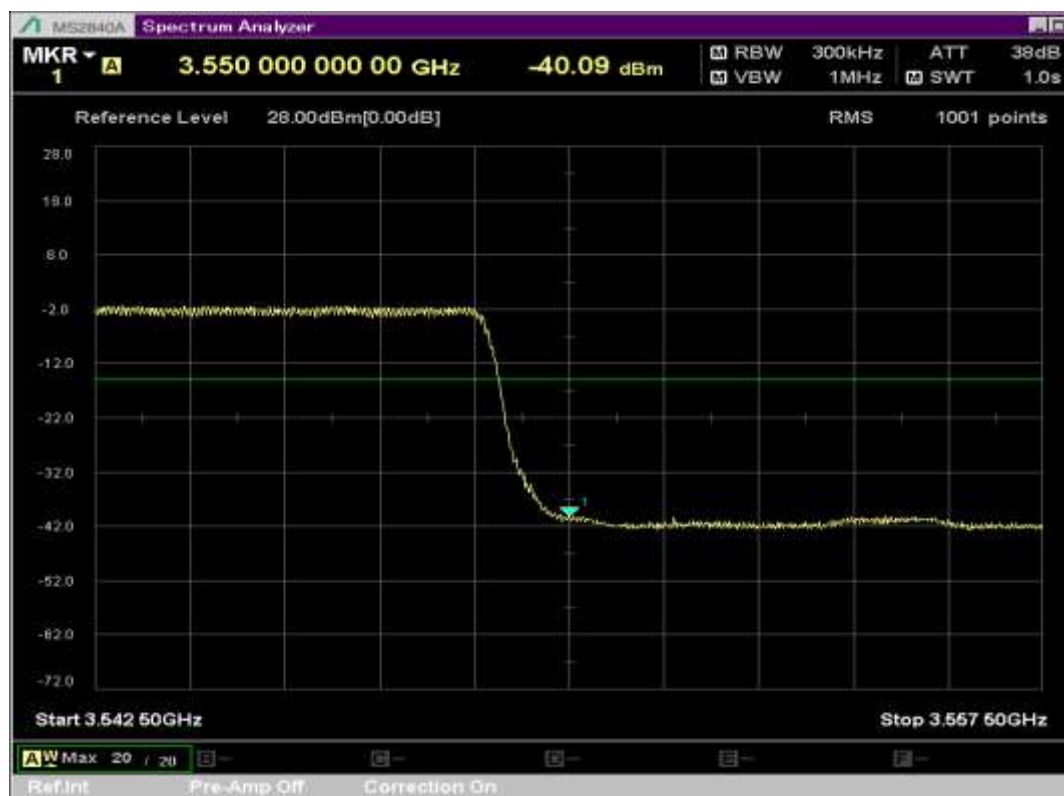
Upper Extended Band Edge Plot 2 (70 MHz, BPSK, Full RB)



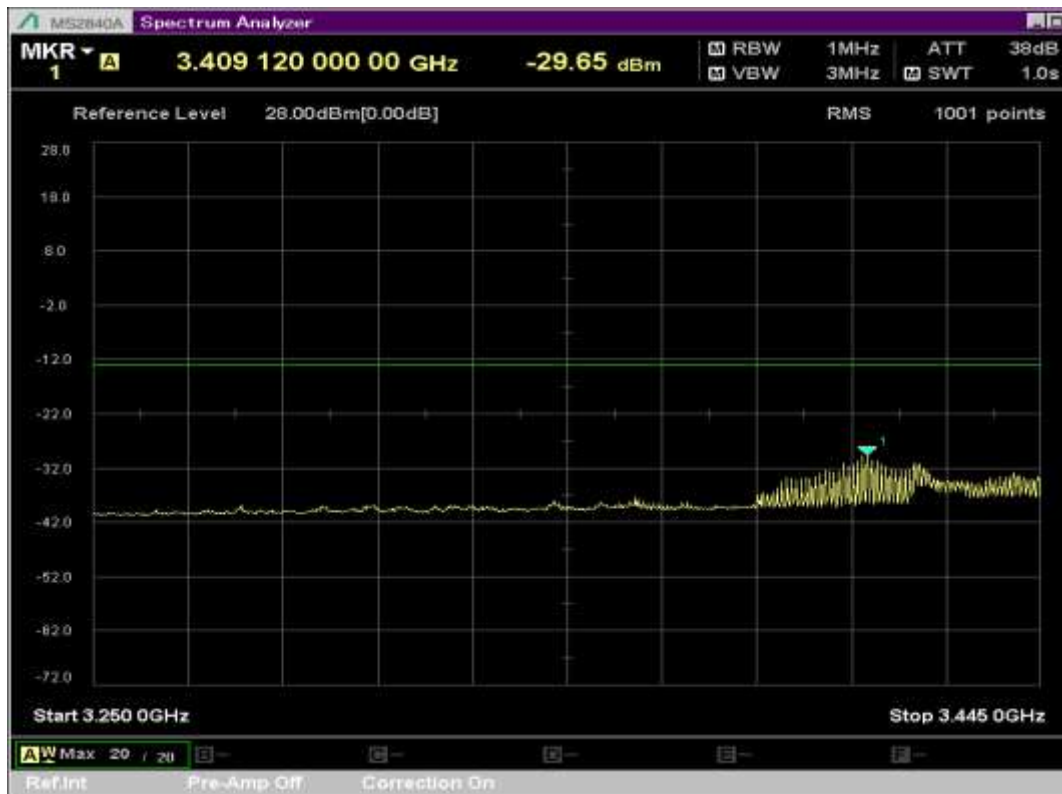
Upper Band Edge Plot (80 MHz, BPSK, 1 RB)



Upper Band Edge Plot (80 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (80 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (80 MHz, BPSK, 1 RB)



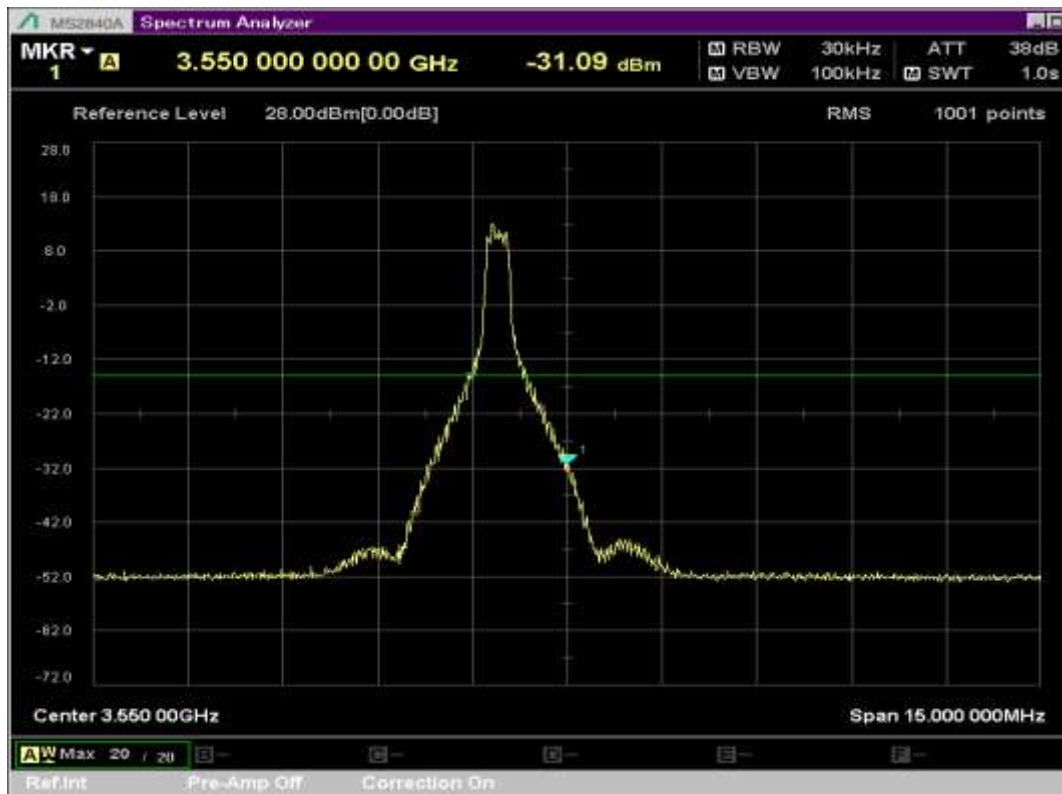
Upper Extended Band Edge Plot 1 (80 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (80 MHz, BPSK, Full RB)



Upper Band Edge Plot (90 MHz, BPSK, 1 RB)



Upper Band Edge Plot (90 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (90 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (90 MHz, BPSK, 1 RB)



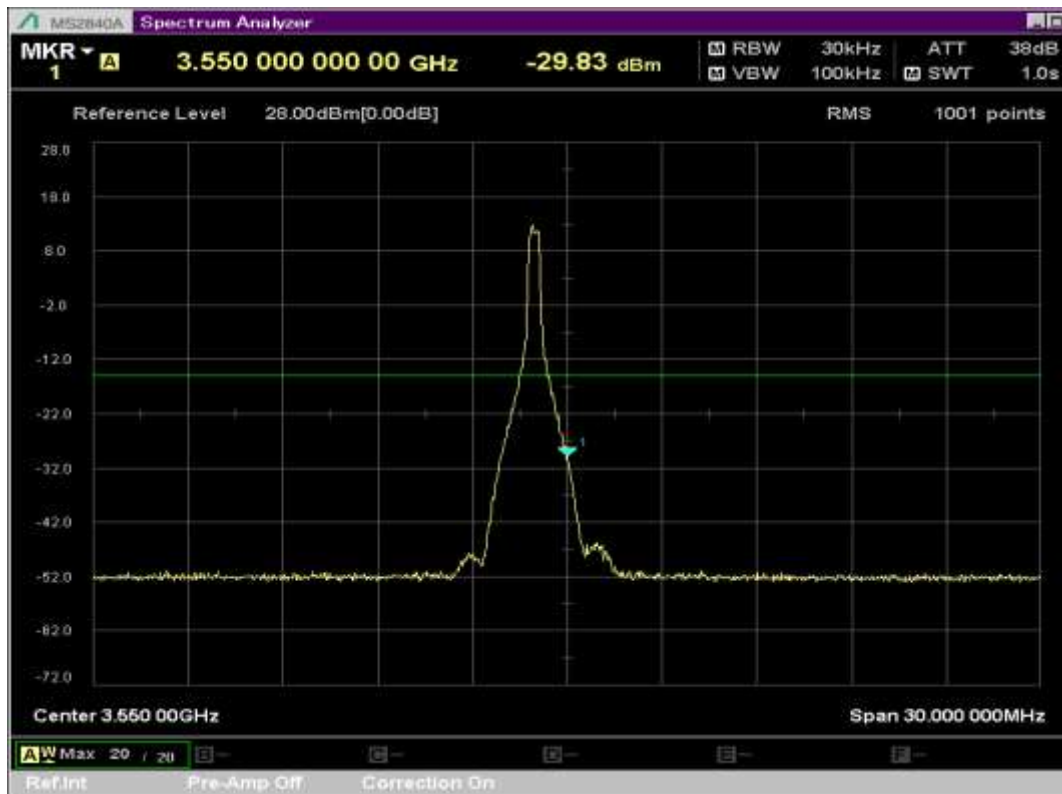
Upper Extended Band Edge Plot 1 (90 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (90 MHz, BPSK, Full RB)



Upper Band Edge Plot (100 MHz, BPSK, 1 RB)



Upper Band Edge Plot (100 MHz, BPSK, FULL RB)



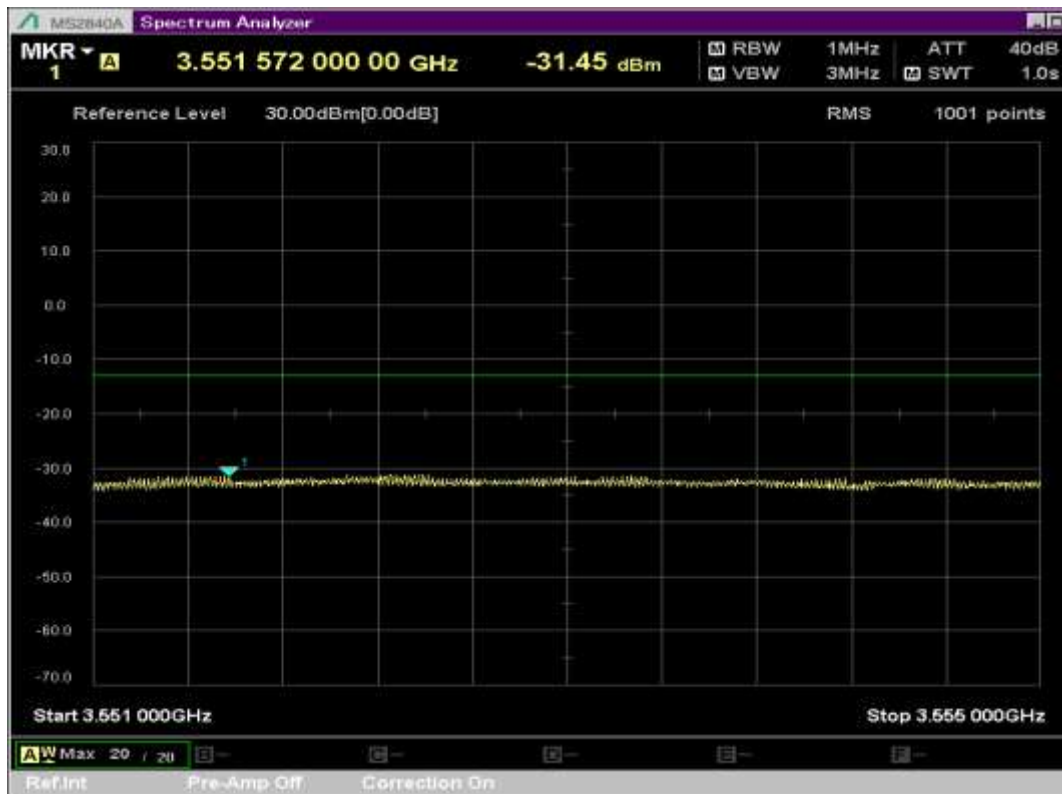
Upper Extended Band Edge Plot 1 (100 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (100 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (100 MHz, BPSK, Full RB)

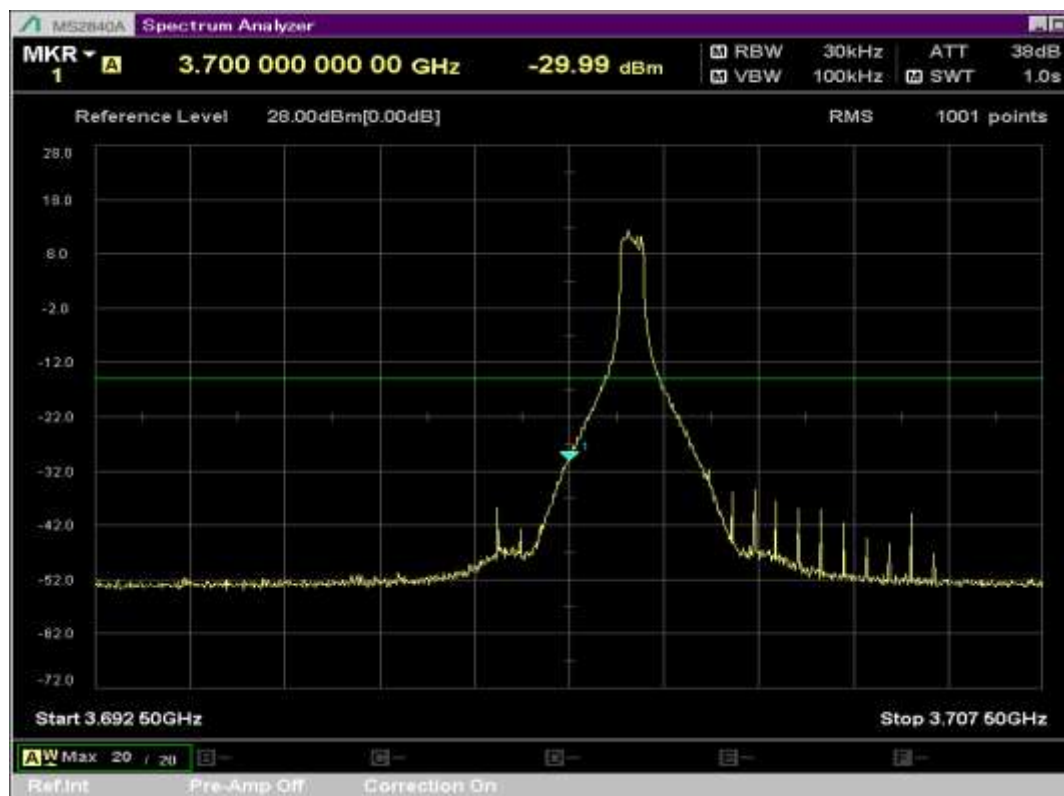


Upper Extended Band Edge Plot 2 (100 MHz, BPSK, Full RB)

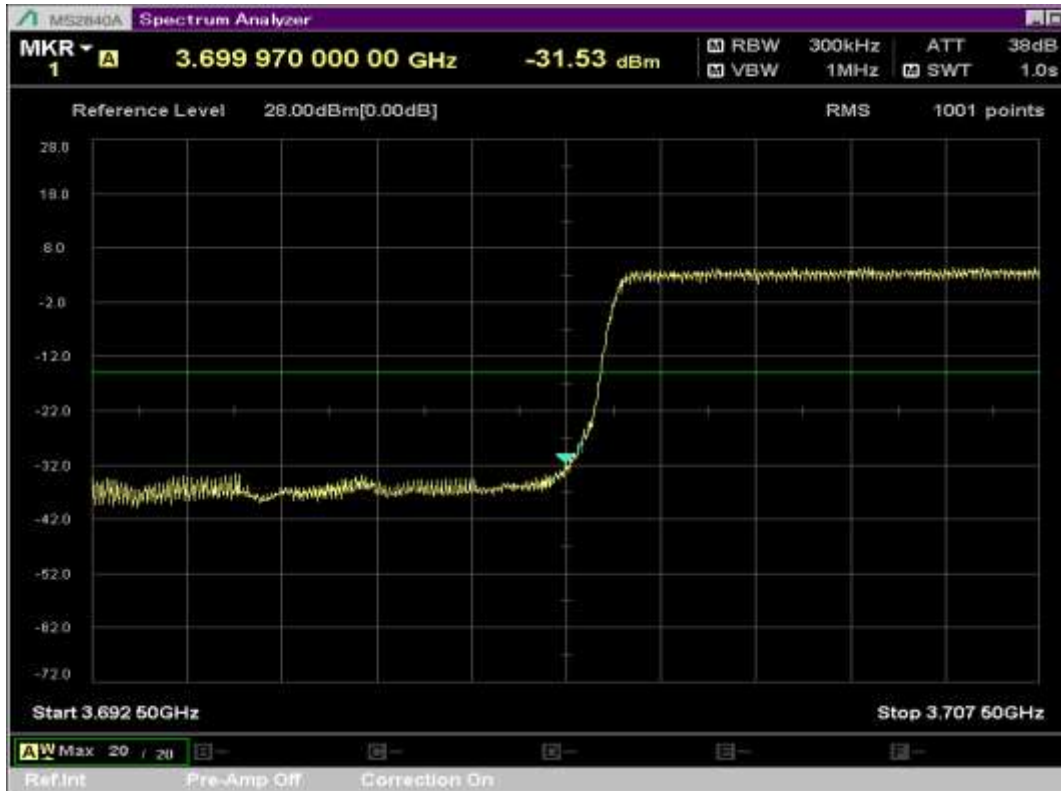


Upper BAND 77

Lower Band Edge Plot (20 MHz, BPSK, 1 RB)



Lower Band Edge Plot (20 MHz, BPSK, FULL RB)



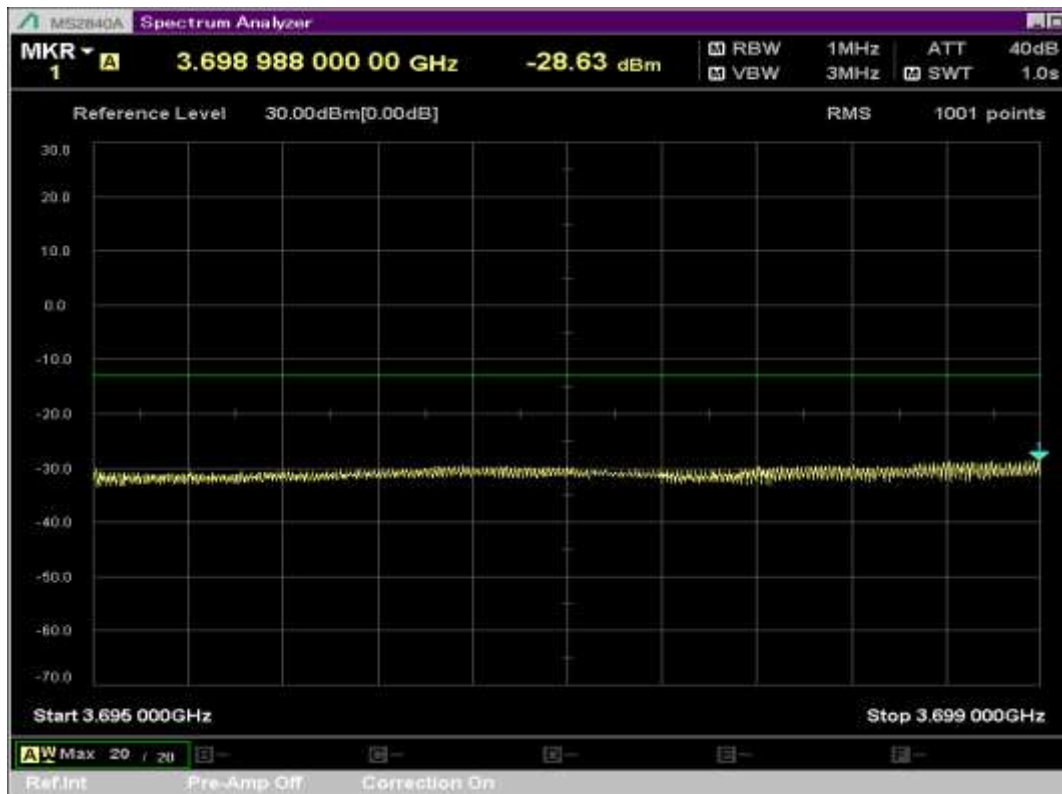
Lower Extended Band Edge Plot 1 (20 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (20 MHz, BPSK, 1 RB)



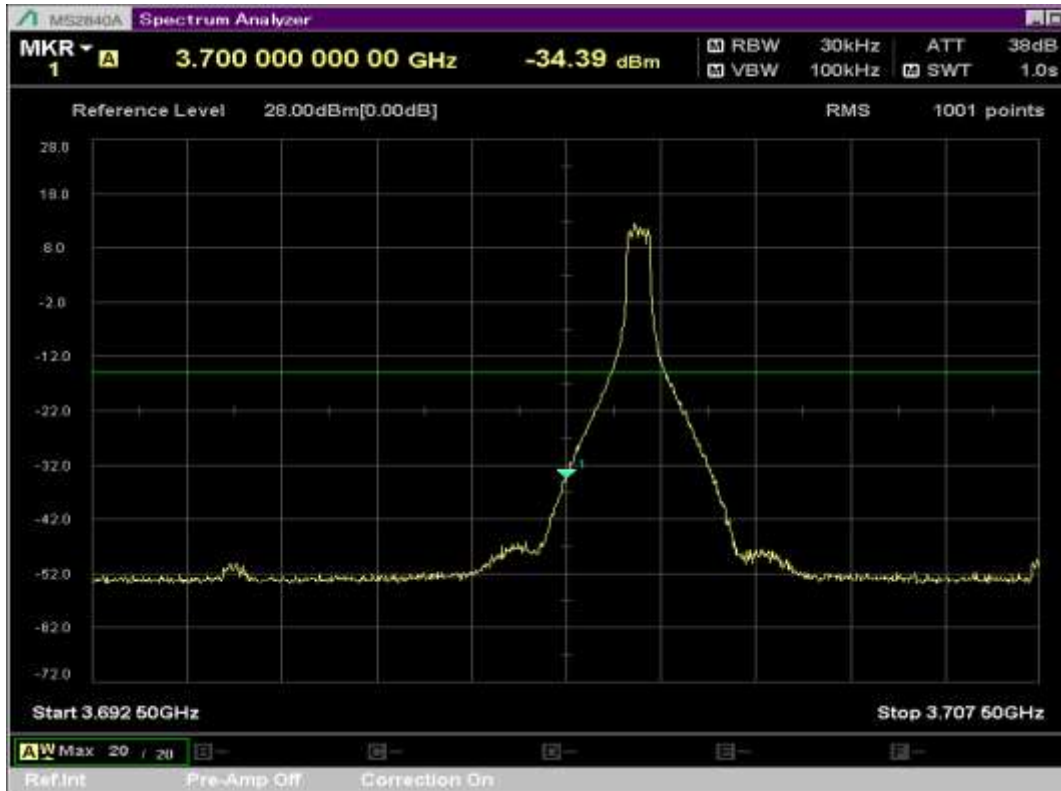
Lower Extended Band Edge Plot 1 (20 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (20 MHz, BPSK, Full RB)



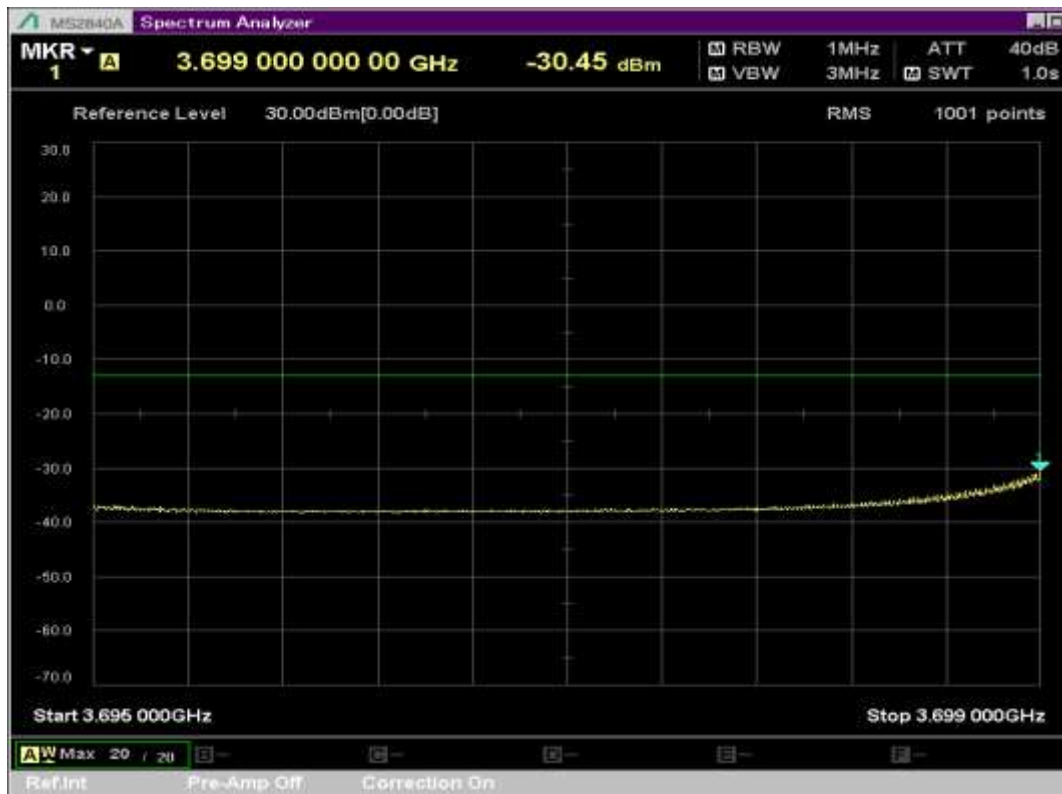
Lower Band Edge Plot (30 MHz, BPSK, 1 RB)



Lower Band Edge Plot (30 MHz, BPSK, FULL RB)



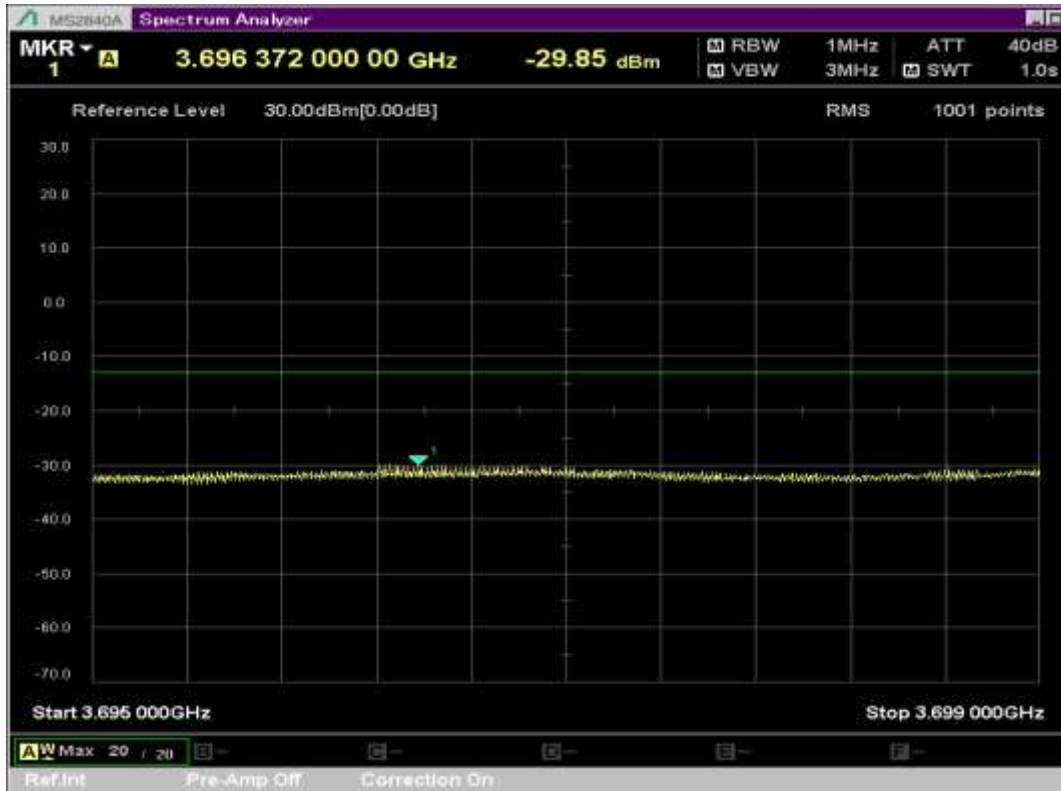
Lower Extended Band Edge Plot 1 (30 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (30 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 1 (30 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (30 MHz, BPSK, Full RB)



Lower Band Edge Plot (40 MHz, BPSK, 1 RB)



Lower Band Edge Plot (40 MHz, BPSK, FULL RB)



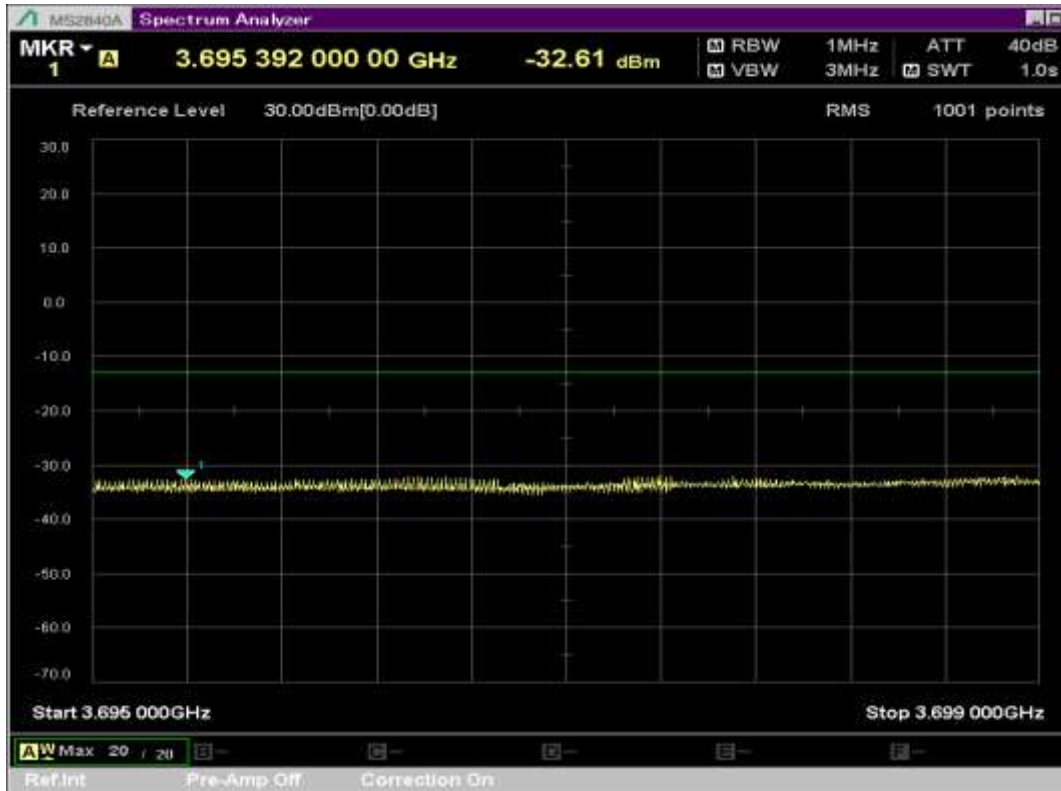
Lower Extended Band Edge Plot 1 (40 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (40 MHz, BPSK, 1 RB)



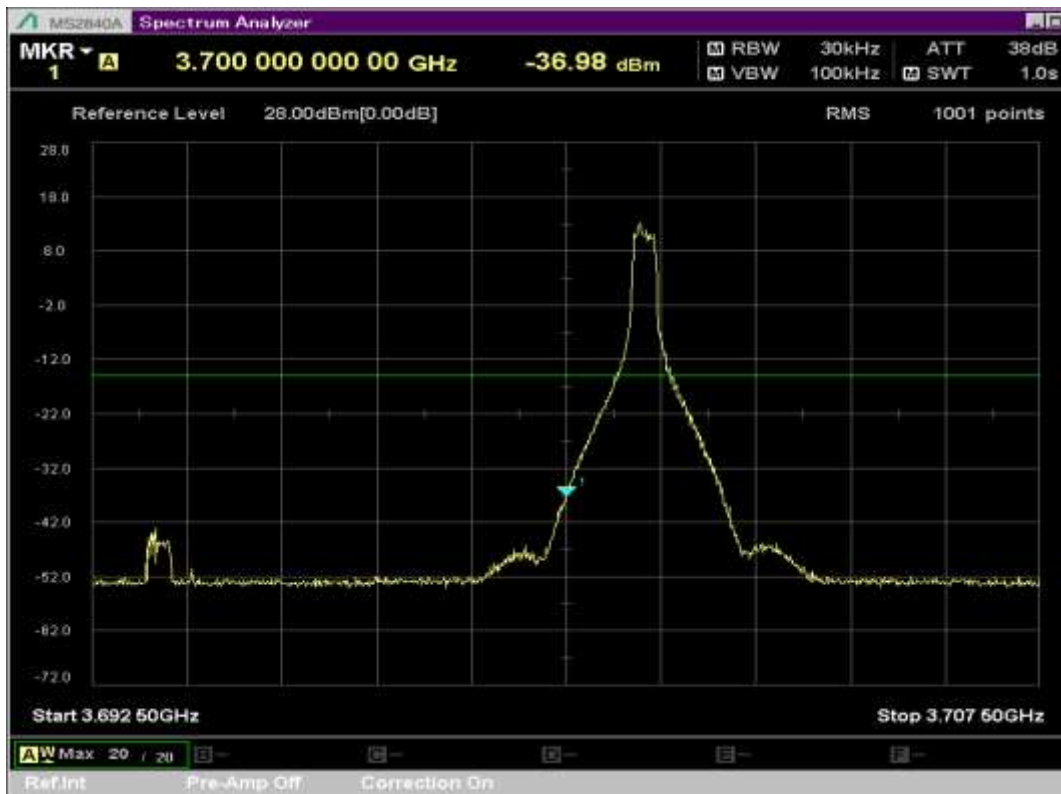
Lower Extended Band Edge Plot 1 (40 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (40 MHz, BPSK, Full RB)



Lower Band Edge Plot (50 MHz, BPSK, 1 RB)



Lower Band Edge Plot (50 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (50 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (50 MHz, BPSK, 1 RB)



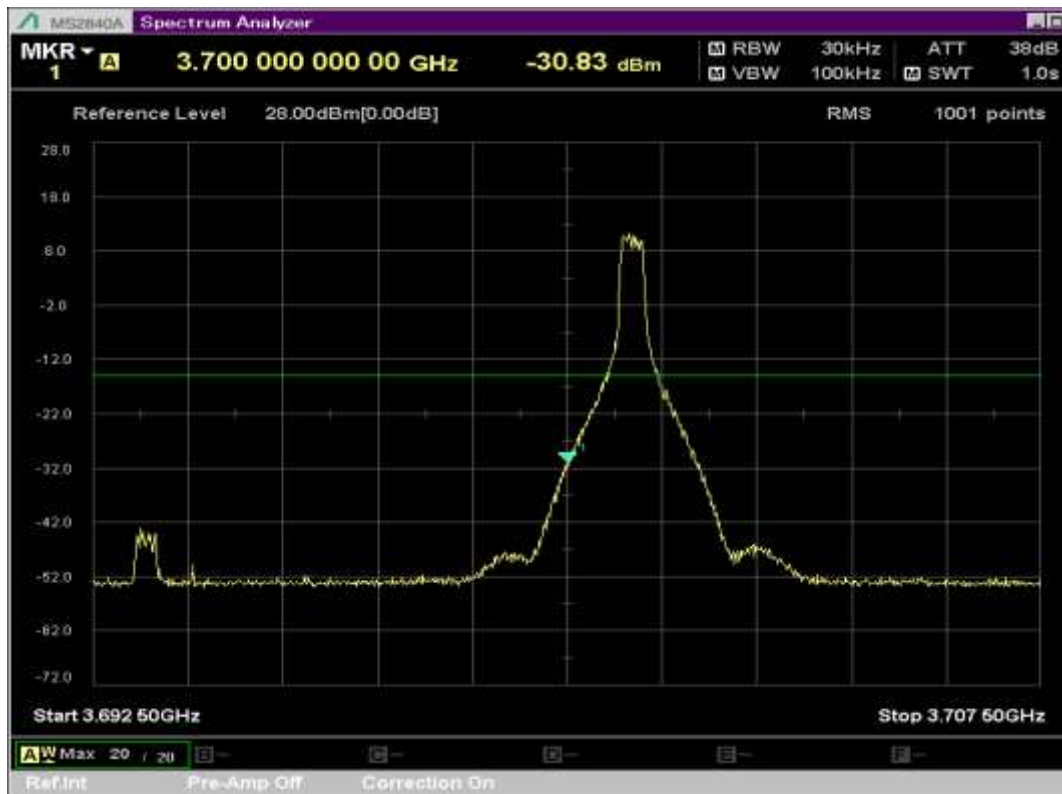
Lower Extended Band Edge Plot 1 (50 MHz, BPSK, Full RB)



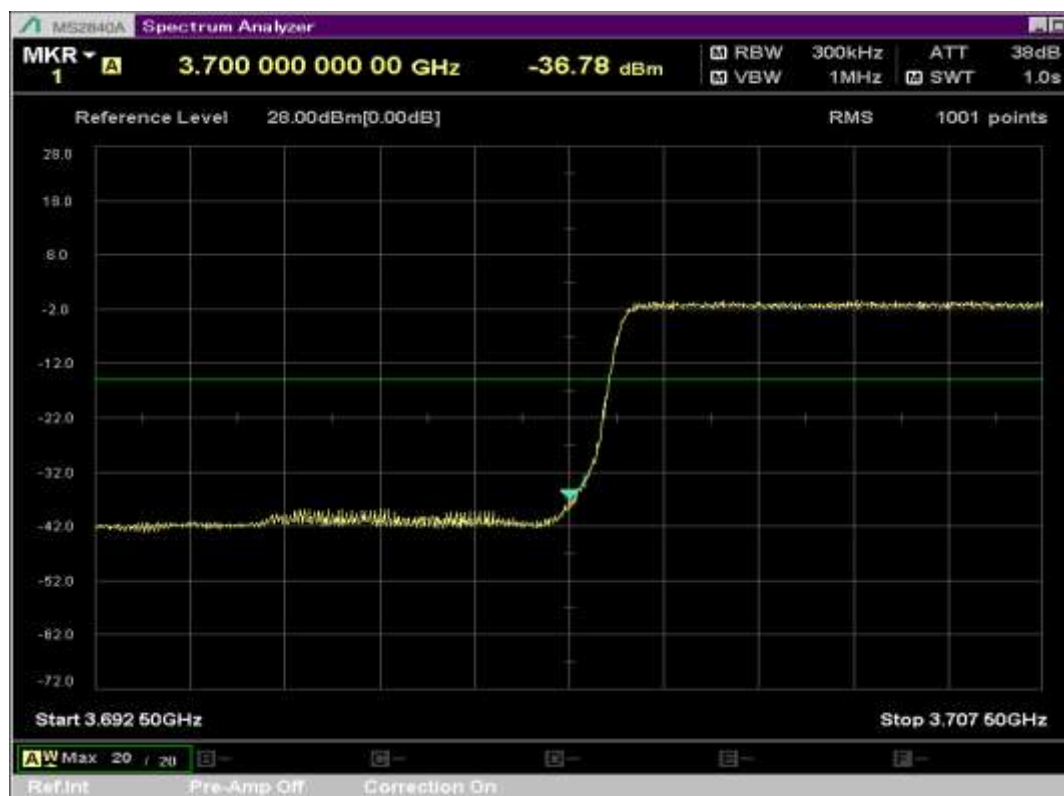
Lower Extended Band Edge Plot 2 (50 MHz, BPSK, Full RB)



Lower Band Edge Plot (60 MHz, BPSK, 1 RB)



Lower Band Edge Plot (60 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (60 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (60 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 1 (60 MHz, BPSK, Full RB)



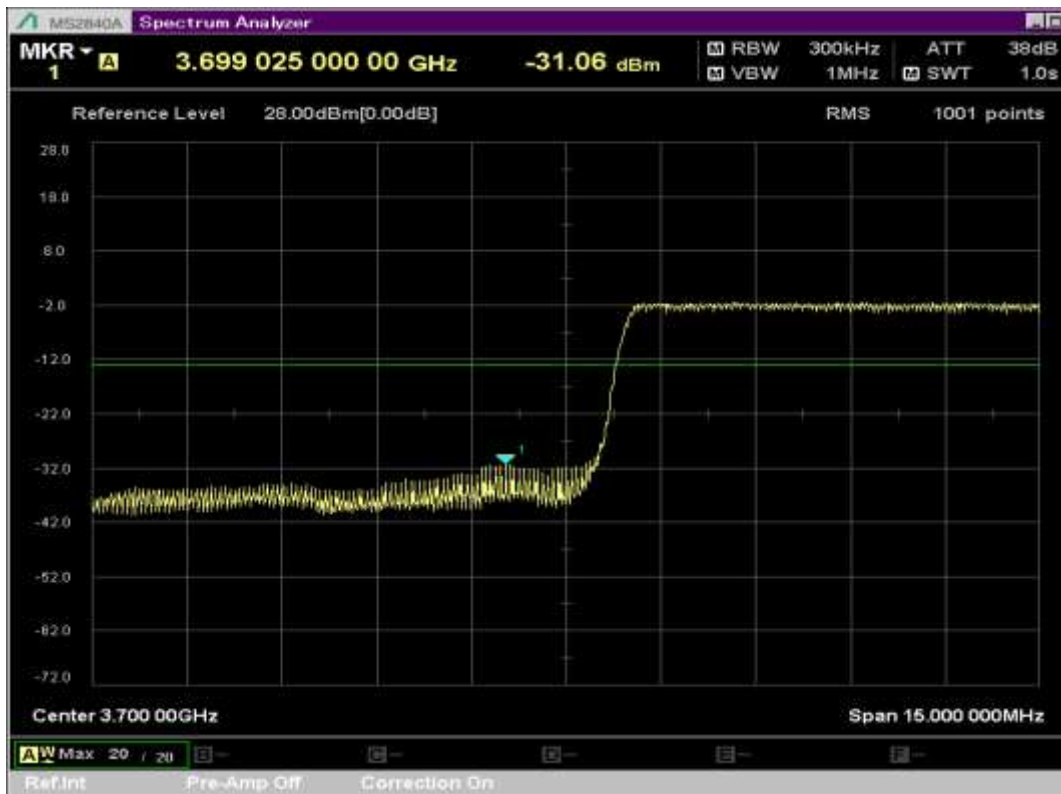
Lower Extended Band Edge Plot 2 (60 MHz, BPSK, Full RB)



Lower Band Edge Plot (70 MHz, BPSK, 1 RB)



Lower Band Edge Plot (70 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (70 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (70 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 1 (70 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (70 MHz, BPSK, Full RB)



Lower Band Edge Plot (80 MHz, BPSK, 1 RB)



Lower Band Edge Plot (80 MHz, BPSK, FULL RB)



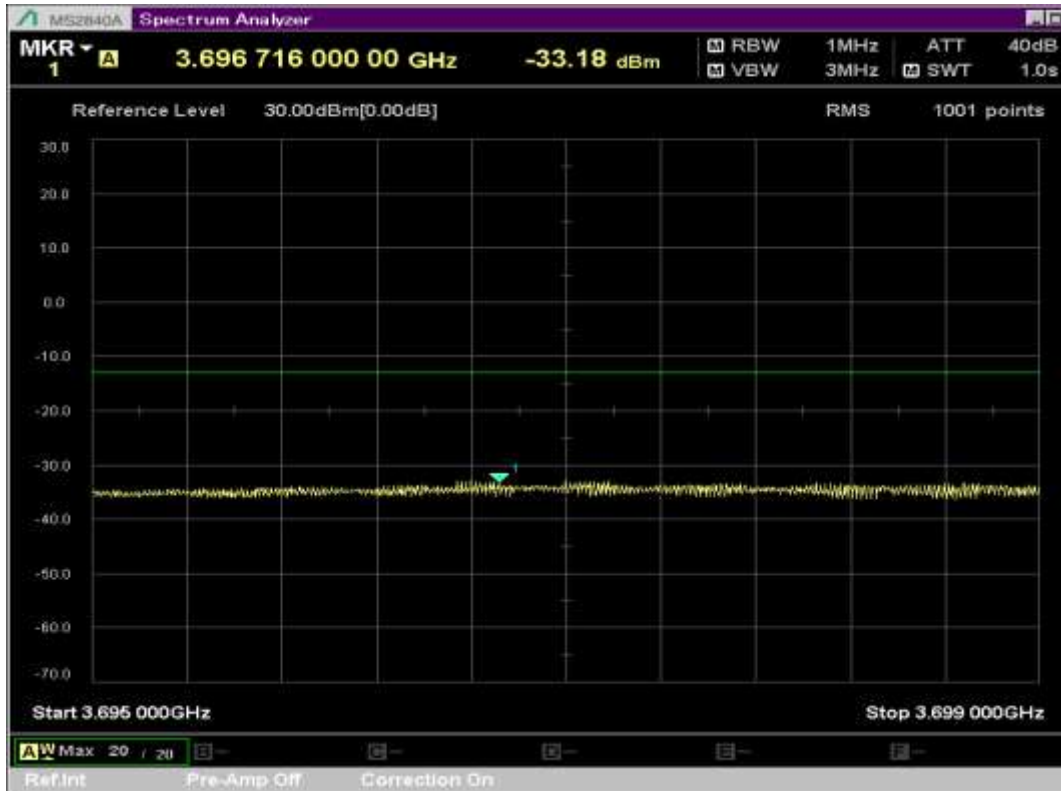
Lower Extended Band Edge Plot 1 (80 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (80 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 1 (80 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (80 MHz, BPSK, Full RB)



Lower Band Edge Plot (90 MHz, BPSK, 1 RB)



Lower Band Edge Plot (90 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (90 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (90 MHz, BPSK, 1 RB)



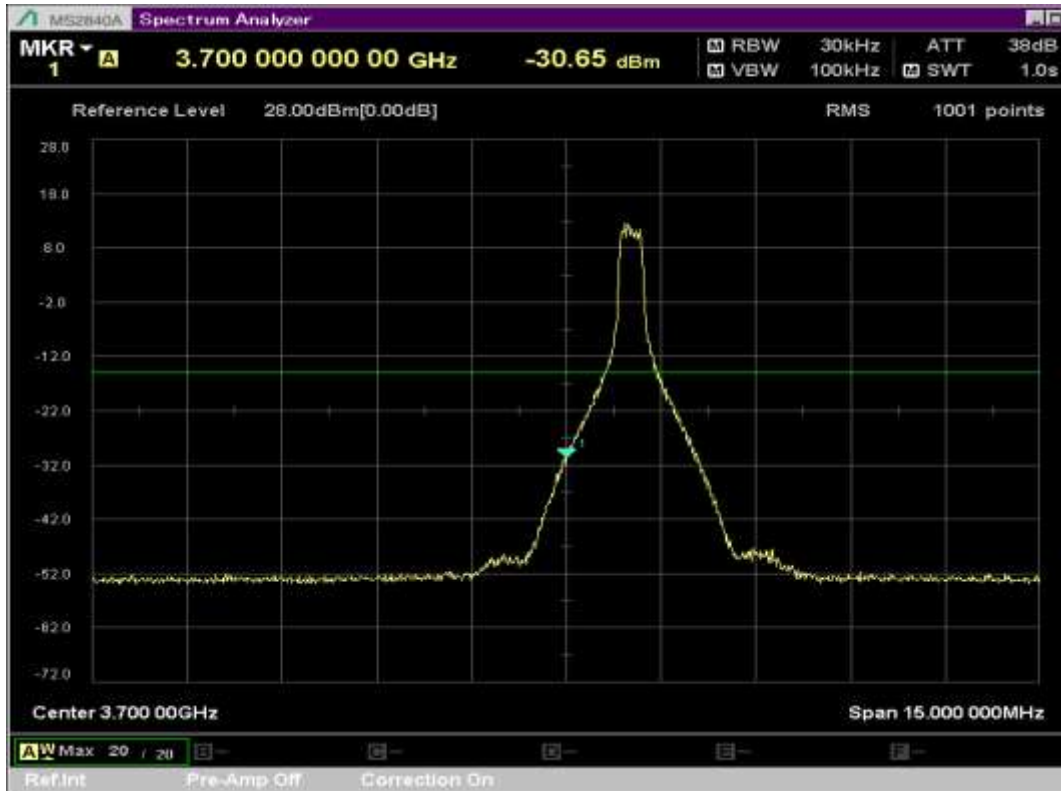
Lower Extended Band Edge Plot 1 (90 MHz, BPSK, Full RB)



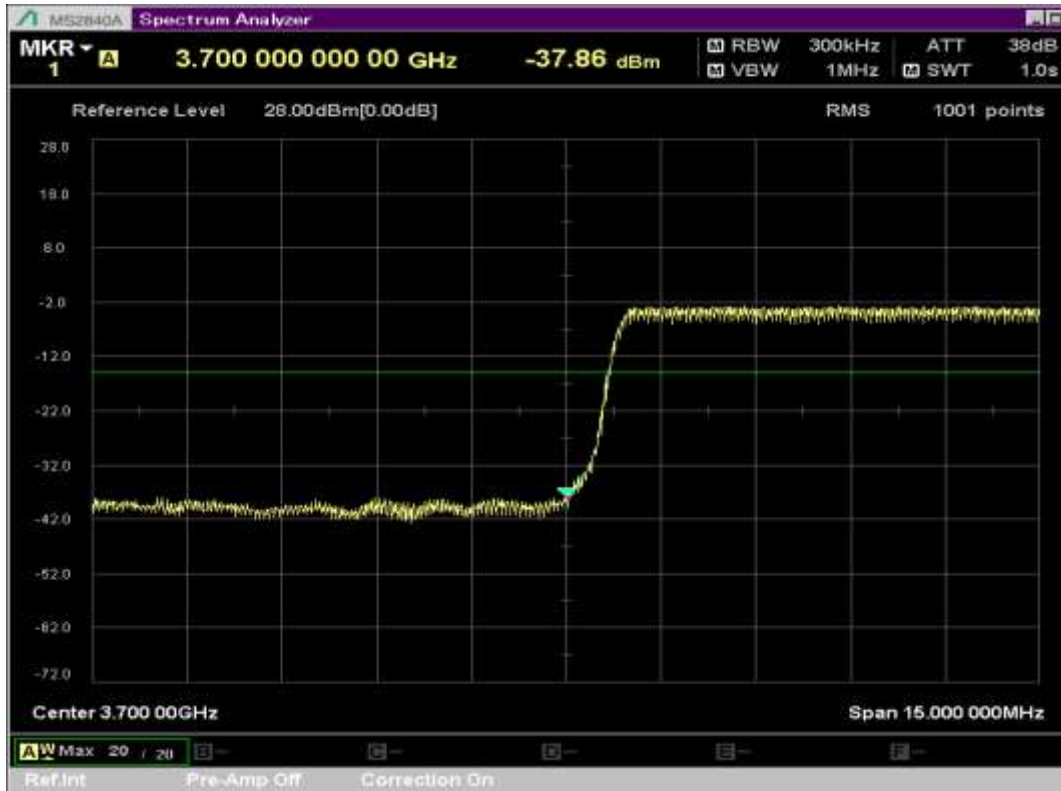
Lower Extended Band Edge Plot 2 (90 MHz, BPSK, Full RB)



Lower Band Edge Plot (100 MHz, BPSK, 1 RB)



Lower Band Edge Plot (100 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot 1 (100 MHz, BPSK, 1 RB)



Lower Extended Band Edge Plot 2 (100 MHz, BPSK, 1 RB)



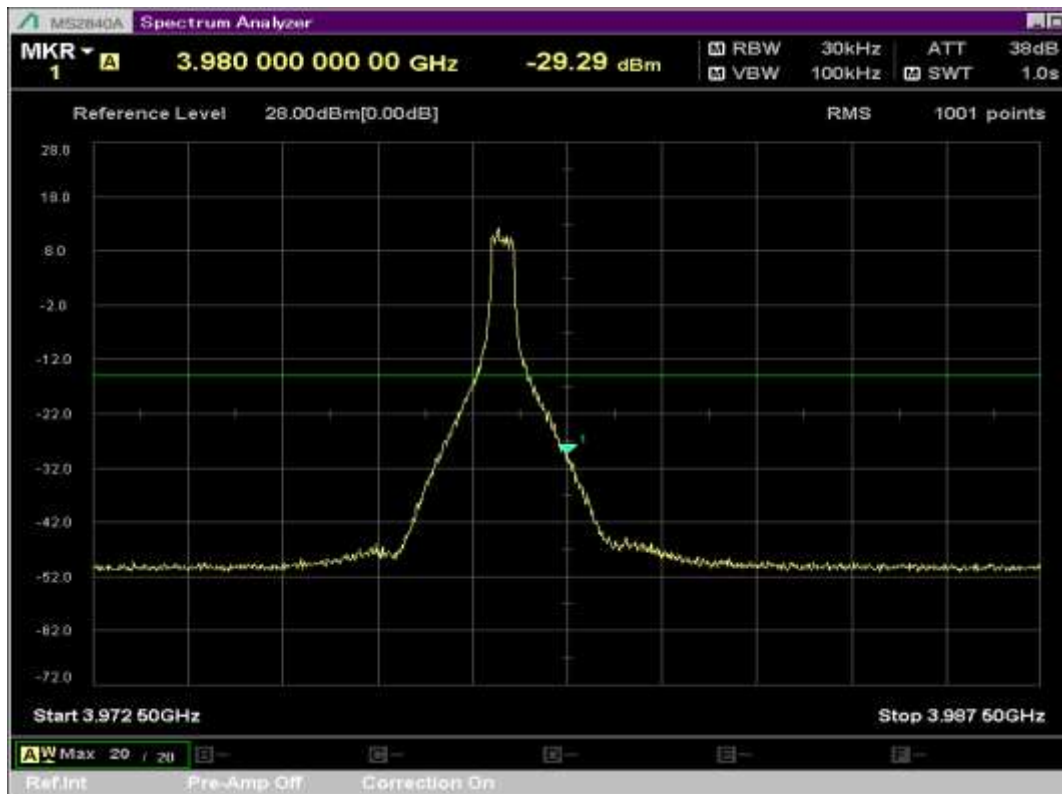
Lower Extended Band Edge Plot 1 (100 MHz, BPSK, Full RB)



Lower Extended Band Edge Plot 2 (100 MHz, BPSK, Full RB)



Upper Band Edge Plot (20 MHz, BPSK, 1 RB)



Upper Band Edge Plot (20 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (20 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (20 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (20 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (20 MHz, BPSK, Full RB)



Upper Band Edge Plot (30 MHz, BPSK, 1 RB)



Upper Band Edge Plot (30 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (30 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (30 MHz, BPSK, 1 RB)



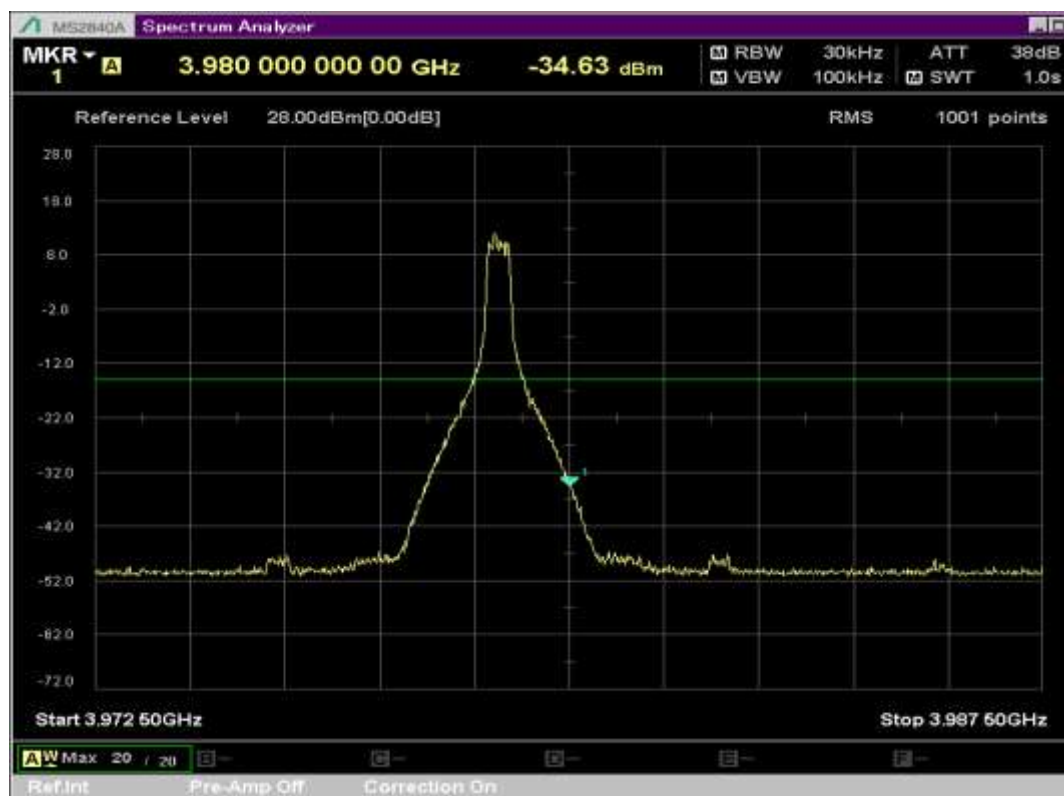
Upper Extended Band Edge Plot 1 (30 MHz, BPSK, Full RB)



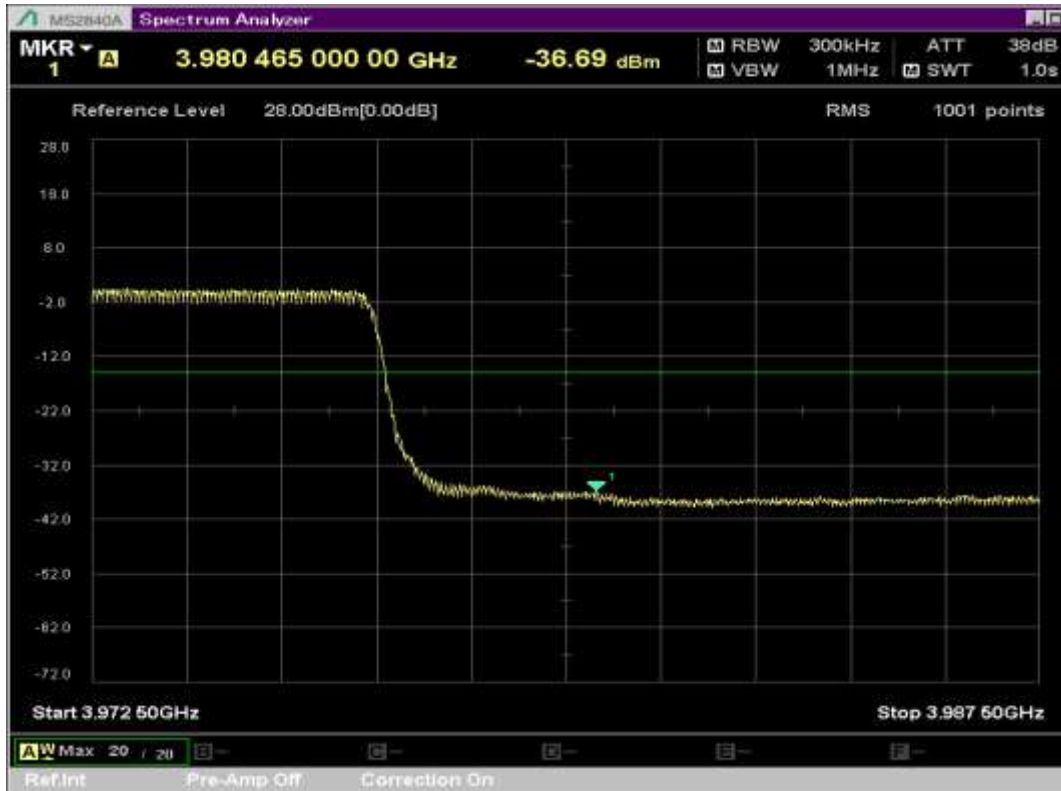
Upper Extended Band Edge Plot 2 (30 MHz, BPSK, Full RB)



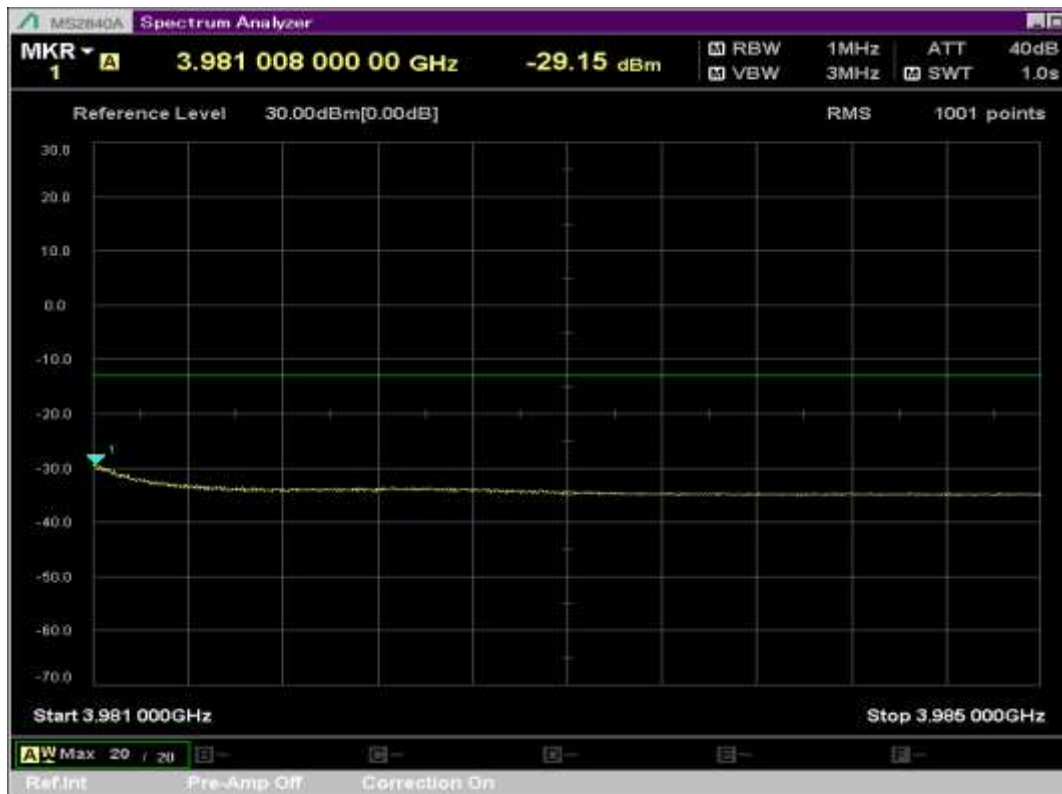
Upper Band Edge Plot (40 MHz, BPSK, 1 RB)



Upper Band Edge Plot (40 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (40 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (40 MHz, BPSK, 1 RB)



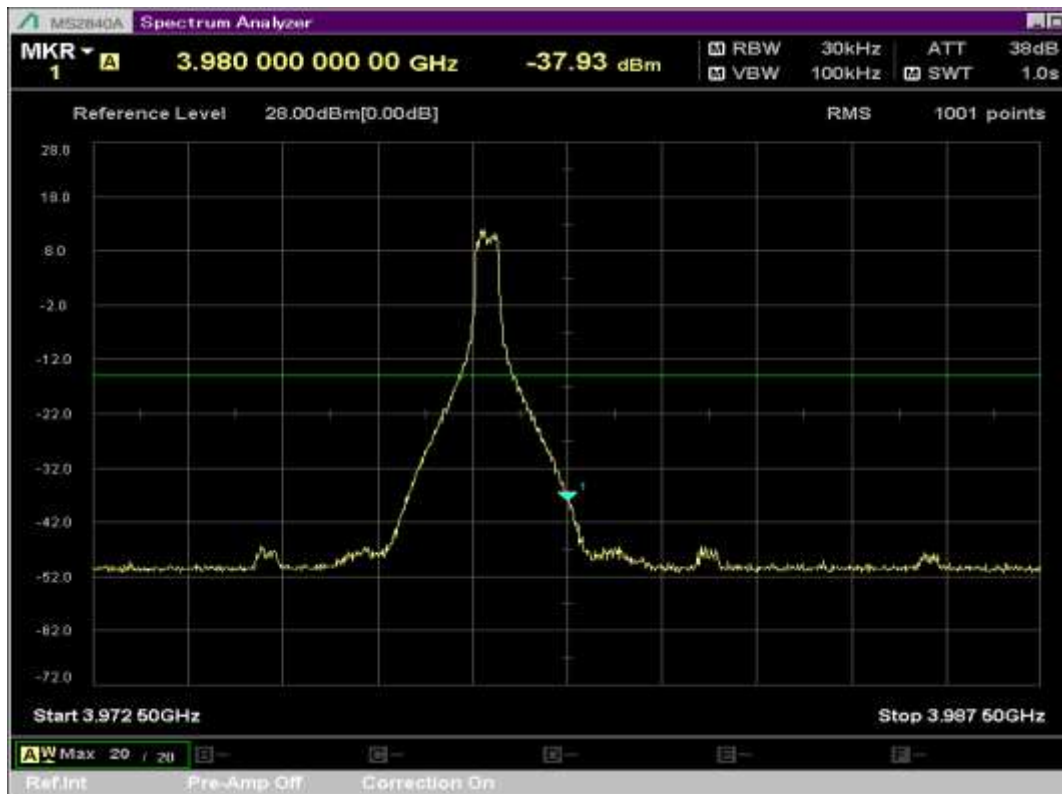
Upper Extended Band Edge Plot 1 (40 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (40 MHz, BPSK, Full RB)



Upper Band Edge Plot (50 MHz, BPSK, 1 RB)



Upper Band Edge Plot (50 MHz, BPSK, FULL RB)



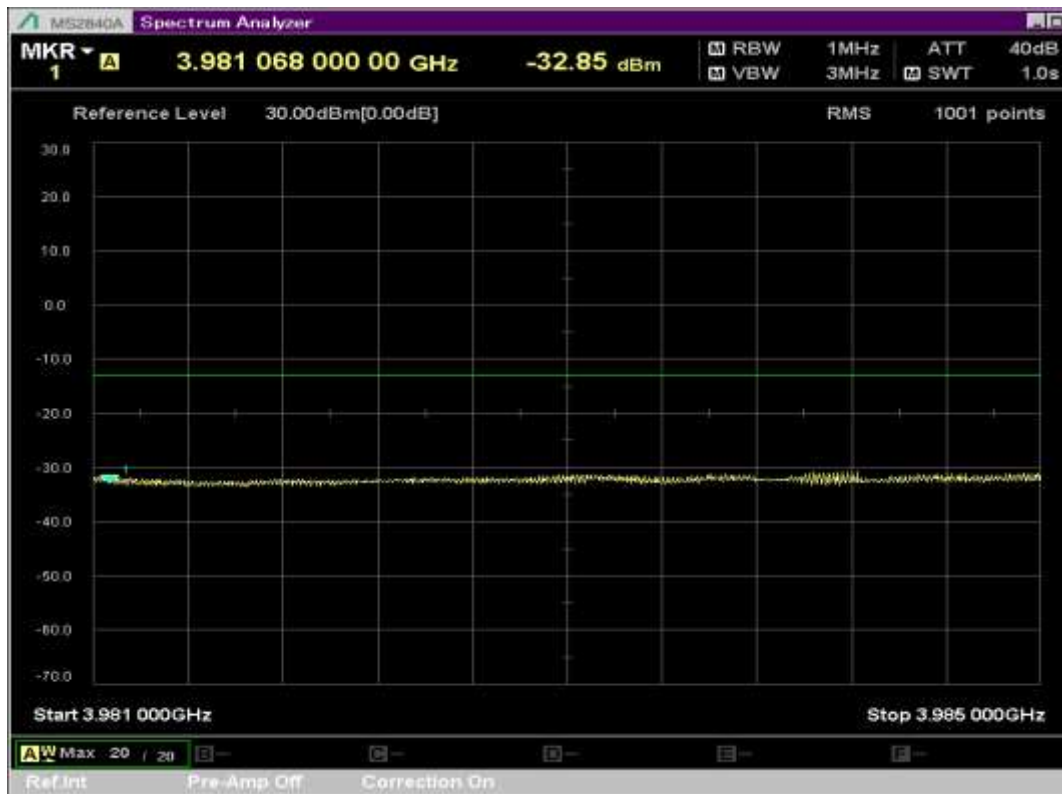
Upper Extended Band Edge Plot 1 (50 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 2 (50 MHz, BPSK, 1 RB)



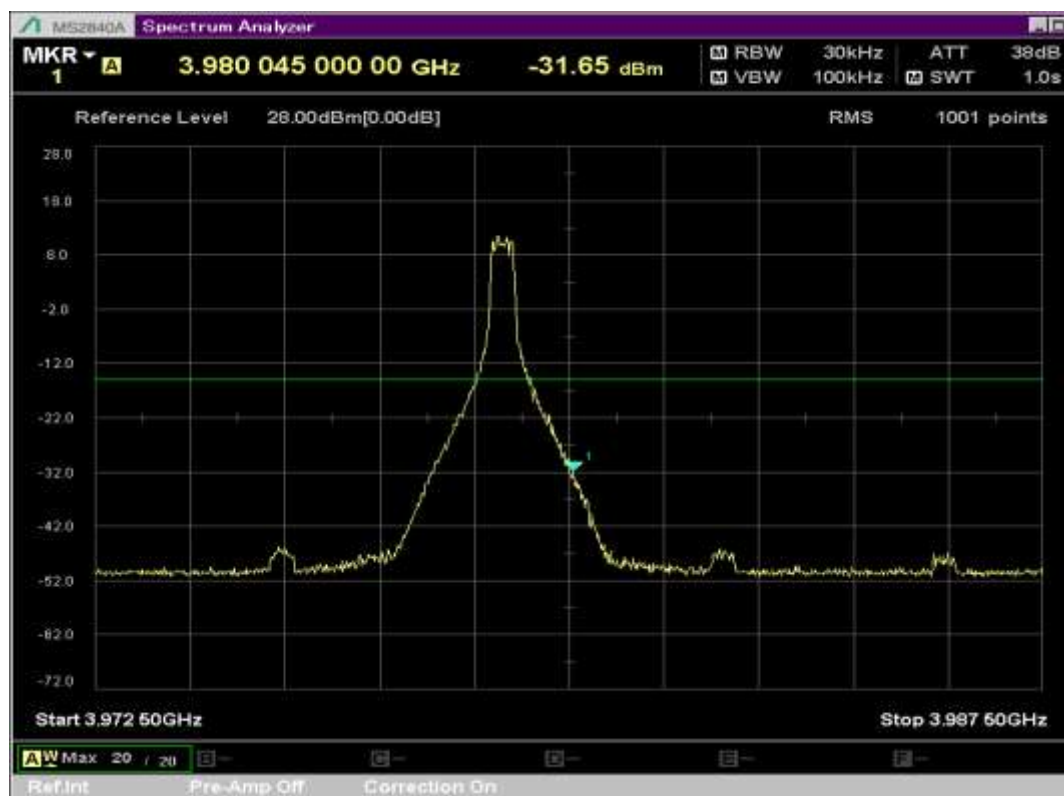
Upper Extended Band Edge Plot 1 (50 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (50 MHz, BPSK, Full RB)



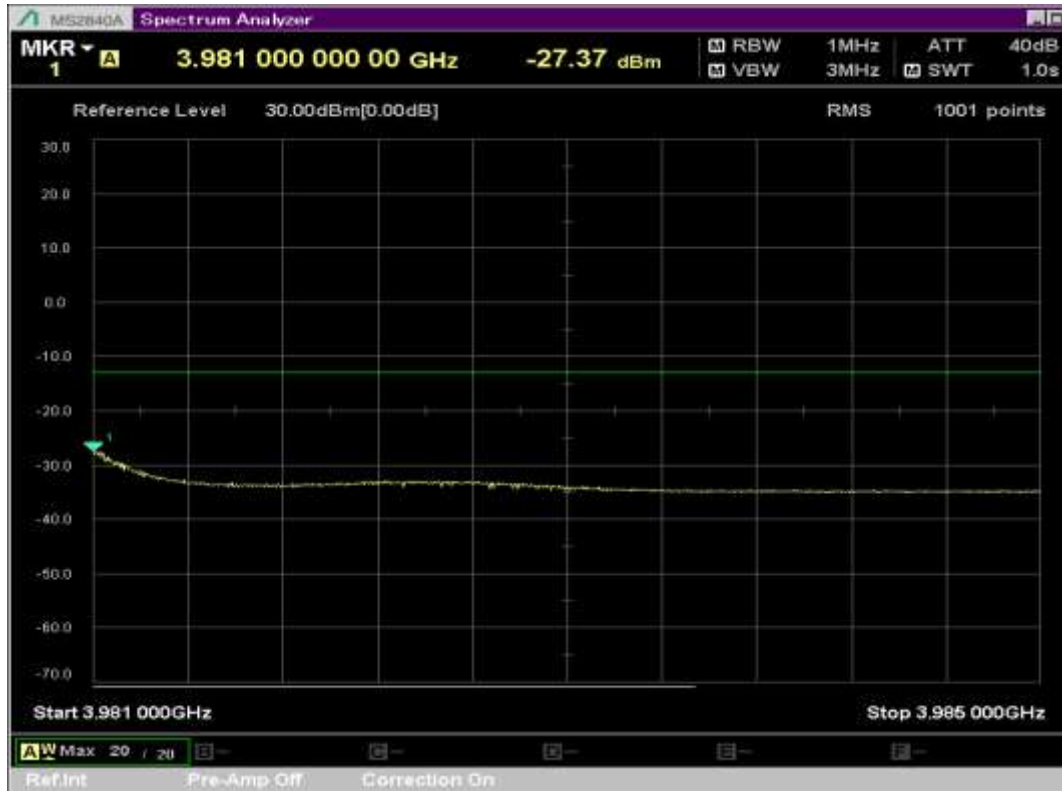
Upper Band Edge Plot (60 MHz, BPSK, 1 RB)



Upper Band Edge Plot (60 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot 1 (60 MHz, BPSK, 1 RB)



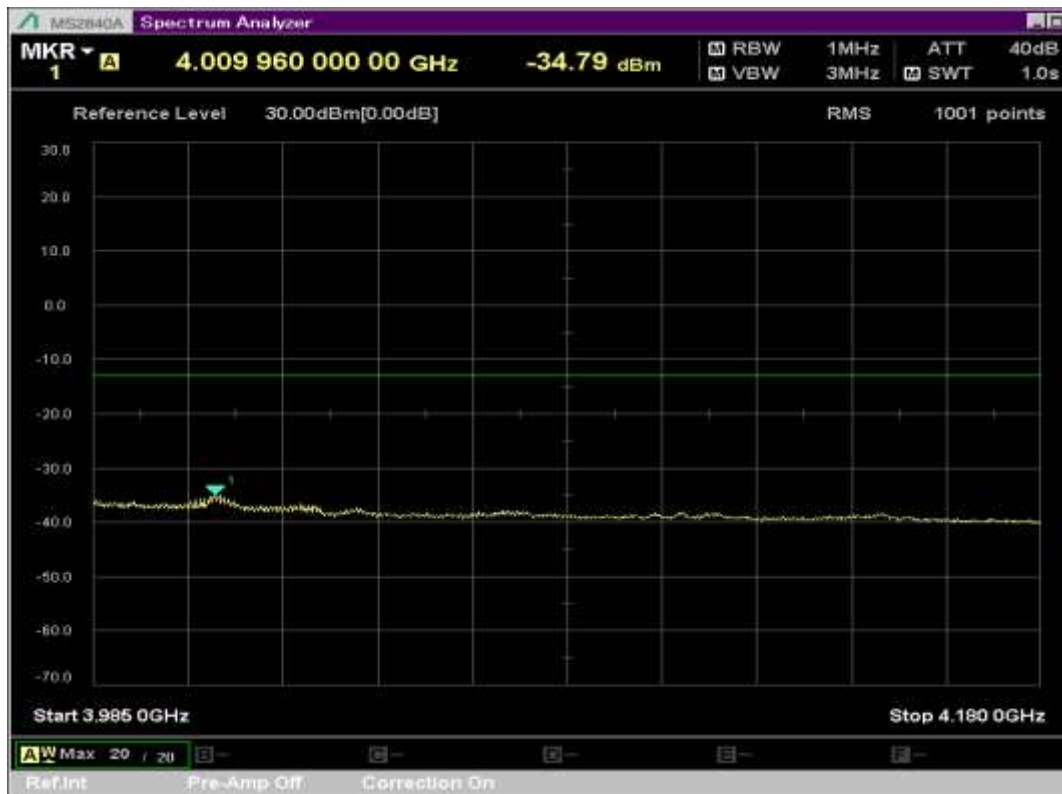
Upper Extended Band Edge Plot 2 (60 MHz, BPSK, 1 RB)



Upper Extended Band Edge Plot 1 (60 MHz, BPSK, Full RB)



Upper Extended Band Edge Plot 2 (60 MHz, BPSK, Full RB)



Upper Band Edge Plot (70 MHz, BPSK, 1 RB)

