



Sub6 n77(78). Low Band Edge Plot (20 M BW Ch.647334 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (20 M BW Ch.647334 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (20 M BW Ch.647334 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (20 M BW Ch.647334 BPSK FullRB)(3)

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Sub6 n77(78). High Band Edge Plot (20 M BW Ch.664666 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (20 M BW Ch.664666 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (20 M BW Ch.664666 BPSK 1RB)(2)

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Spectrum Analyzer 1 Swept SA Frequency PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Input Z 50 Ω Corr CCorr #Atten 20 dB Preamp: Off #Avg Type Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF Center Frequency 3.983000000 GHz Settings Freq Ref. Int (S) NFE. Adaptive AAAAAA LNI Mkr1 3.981 032 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -30.734 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.981000000 GHz Stop Freq 3.985000000 GHz **AUTO TUNE** CF Step 400,000 kHz Auto Man Freq Offset 0 Hz X Axis Scale Log Lin Local Start 3.981000 GHz #Video BW 2.0 MHz Stop 3.985000 GHz #Res BW 510 kHz ep ~1.01 s (1001 pts) ? Mar 07, 2023

Sub6 n77(78). High Band Edge Plot (20 M BW Ch.664666 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (20 M BW Ch.664666 BPSK 1RB)(3)

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pectrum Analyzer 1 wept SA Frequency PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z 50 Ω Corr CCorr #Atten 20 dB Preamp: Off #Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF Center Frequency 4.042500000 GHz Settings Freq Ref. Int (S) NFE. Adaptive AAAAAA LNI Mkr1 3.993 05 GHz 1 Spectrum 115.000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -27.883 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.985000000 GHz Stop Freq 4.100000000 GHz **AUTO TUNE** CF Step 11.500000 MHz Auto Man Freq Offset 0 Hz X Axis Scale Log Lin Local Stop 4.10000 GHz ep 1.00 s (1001 pts) Start 3.98500 GHz #Video BW 3.0 MHz ? Mar 07, 2023 10:13:37 AM

Sub6 n77(78). High Band Edge Plot (20 M BW Ch.664666 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (30 M BW Ch.647668 BPSK 1RB)(1)

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Sub6 n77(78). Low Band Edge Plot (30 M BW Ch.647668 BPSK FullRB)(1)

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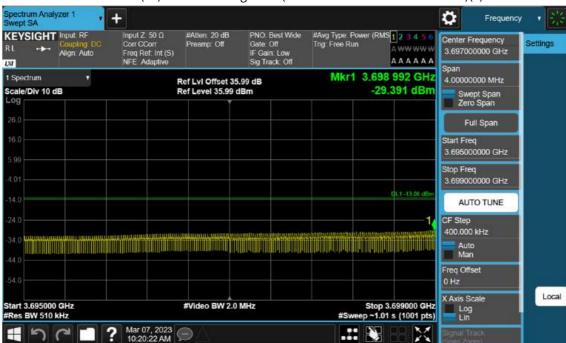




Sub6 n77(78). Low Band Edge Plot (30 M BW Ch.647668 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (30 M BW Ch.647668 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (30 M BW Ch.647668 BPSK 1RB)(3)

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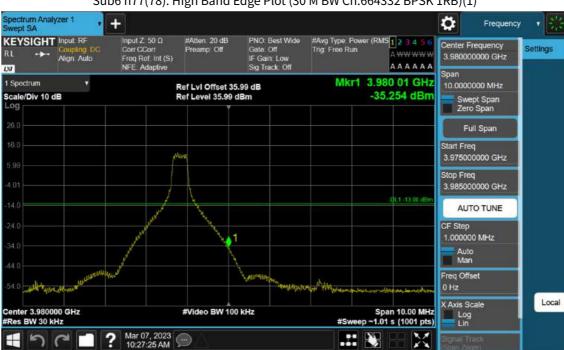




Sub6 n77(78). Low Band Edge Plot (30 M BW Ch.647668 BPSK FullRB)(3)

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Sub6 n77(78). High Band Edge Plot (30 M BW Ch.664332 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (30 M BW Ch.664332 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (30 M BW Ch.664332 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (30 M BW Ch.664332 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (30 M BW Ch.664332 BPSK 1RB)(3)

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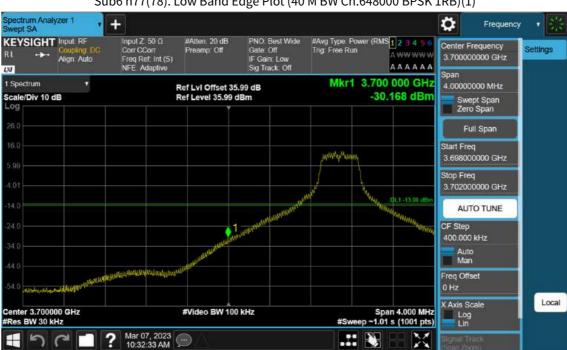




Sub6 n77(78). High Band Edge Plot (30 M BW Ch.664332 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (40 M BW Ch.648000 BPSK 1RB)(1)

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Sub6 n77(78). Low Band Edge Plot (40 M BW Ch.648000 BPSK FullRB)(1)

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Sub6 n77(78). Low Band Edge Plot (40 M BW Ch.648000 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (40 M BW Ch.648000 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (40 M BW Ch.648000 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (40 M BW Ch.648000 BPSK FullRB)(3)

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Sub6 n77(78). High Band Edge Plot (40 M BW Ch.664000 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (40 M BW Ch.664000 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (40 M BW Ch.664000 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (40 M BW Ch.664000 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (40 M BW Ch.664000 BPSK 1RB)(3)

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Sub6 n77(78). High Band Edge Plot (40 M BW Ch.664000 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (50 M BW Ch.648334 BPSK 1RB)(1)

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Sub6 n77(78). Low Band Edge Plot (50 M BW Ch.648334 BPSK FullRB)(1)

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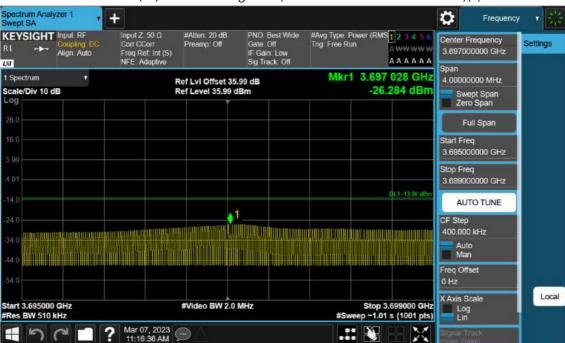




Sub6 n77(78). Low Band Edge Plot (50 M BW Ch.648334 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (50 M BW Ch.648334 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (50 M BW Ch.648334 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (50 M BW Ch.648334 BPSK FullRB)(3)

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Sub6 n77(78). High Band Edge Plot (50 M BW Ch.663666 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (50 M BW Ch.663666 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (50 M BW Ch.663666 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (50 M BW Ch.663666 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (50 M BW Ch.663666 BPSK 1RB)(3)

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Sub6 n77(78). High Band Edge Plot (50 M BW Ch.663666 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (60 M BW Ch.648668 BPSK 1RB)(1)

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Sub6 n77(78). Low Band Edge Plot (60 M BW Ch.648668 BPSK FullRB)(1)

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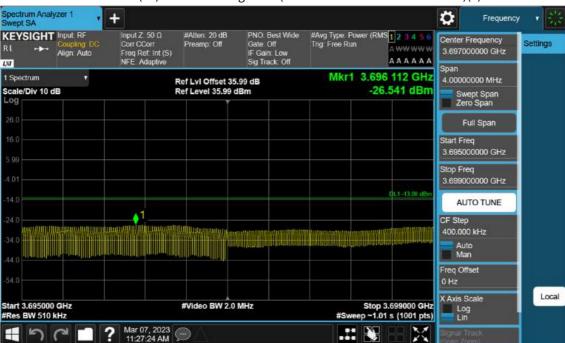




Sub6 n77(78). Low Band Edge Plot (60 M BW Ch.648668 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (60 M BW Ch.648668 BPSK FullRB)(2)

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ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF #Atten 20 dB Preamp Off Settings Align Auto 3.597500000 GHz AAAAAA LXI Mkr1 3.671 795 GHz 195.000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -32.823 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.500000000 GHz Stop Freq 3.695000000 GHz AUTO TUNE CF Step 19.500000 MHz Auto Man Freq Offset 0 Hz Local Stop 3.69500 GHz #Sweep 1.00 s (1001 pts) Start 3.50000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz ?

Sub6 n77(78). Low Band Edge Plot (60 M BW Ch.648668 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (60 M BW Ch.648668 BPSK FullRB)(3)

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Sub6 n77(78). High Band Edge Plot (60 M BW Ch.663332 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (60 M BW Ch.663332 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (60 M BW Ch.663332 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (60 M BW Ch.663332 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (60 M BW Ch.663332 BPSK 1RB)(3)

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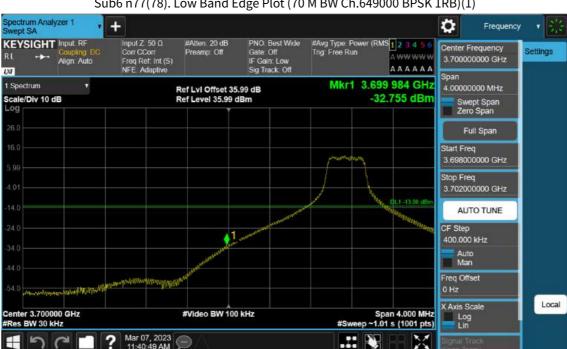


Spectrum Analyzer 1 Swept SA Frequency PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z 50 Ω Corr CCorr #Atten 20 dB Preamp: Off #Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF Center Frequency 4.042500000 GHz Settings Freq Ref. Int (S) NFE. Adaptive AAAAAA LNI Mkr1 3.985 69 GHz 1 Spectrum 115.000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -30.202 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.985000000 GHz Stop Freq 4.100000000 GHz L1 -13.00 dE **AUTO TUNE** CF Step 11.500000 MHz Auto Man Freq Offset 0 Hz X Axis Scale Log Lin Local Stop 4.10000 GHz ep 1.00 s (1001 pts) Start 3.98500 GHz #Video BW 3.0 MHz ? Mar 07, 2023

Sub6 n77(78). High Band Edge Plot (60 M BW Ch.663332 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (70 M BW Ch.649000 BPSK 1RB)(1)

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Sub6 n77(78). Low Band Edge Plot (70 M BW Ch.649000 BPSK FullRB)(1)

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Sub6 n77(78). Low Band Edge Plot (70 M BW Ch.649000 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (70 M BW Ch.649000 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (70 M BW Ch.649000 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (70 M BW Ch.649000 BPSK FullRB)(3)

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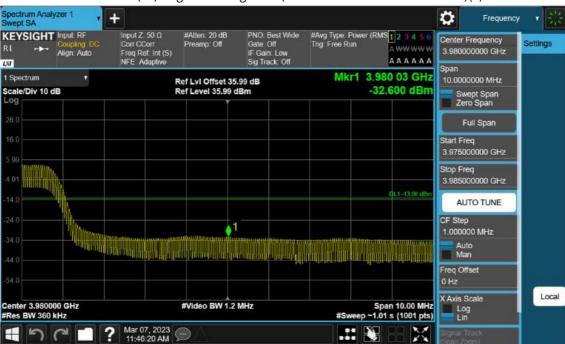




Sub6 n77(78). High Band Edge Plot (70 M BW Ch.663000 BPSK 1RB)(1)

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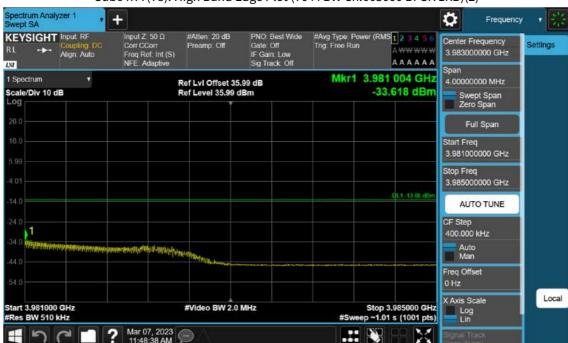




Sub6 n77(78). High Band Edge Plot (70 M BW Ch.663000 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (70 M BW Ch.663000 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (70 M BW Ch.663000 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (70 M BW Ch.663000 BPSK 1RB)(3)

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Sub6 n77(78). High Band Edge Plot (70 M BW Ch.663000 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (80 M BW Ch.649334 BPSK 1RB)(1)

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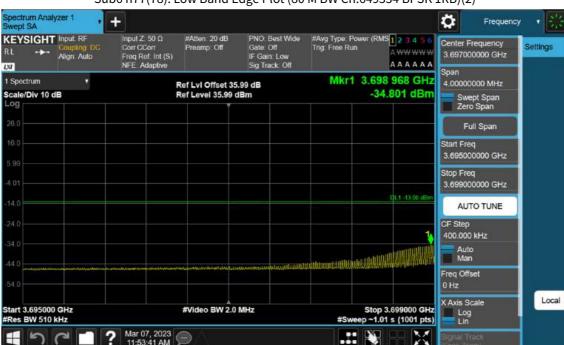




Sub6 n77(78). Low Band Edge Plot (80 M BW Ch.649334 BPSK FullRB)(1)

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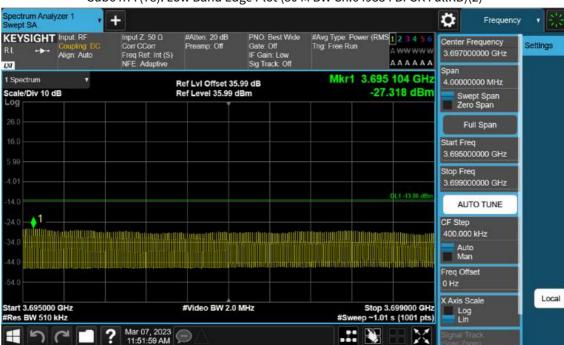




Sub6 n77(78). Low Band Edge Plot (80 M BW Ch.649334 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (80 M BW Ch.649334 BPSK FullRB)(2)

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ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF #Atten 20 dB Preamp Off Settings Align Auto 3.597500000 GHz AAAAAA LXI Mkr1 3.662 240 GHz 195.000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -32.953 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.500000000 GHz Stop Freq 3.695000000 GHz AUTO TUNE CF Step 19.500000 MHz Auto Man Freq Offset 0 Hz Local Stop 3.69500 GHz #Sweep 1.00 s (1001 pts) Start 3.50000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz Mar 07, 2023 11:54:14 AM ?

Sub6 n77(78). Low Band Edge Plot (80 M BW Ch.649334 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (80 M BW Ch.649334 BPSK FullRB)(3)

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Sub6 n77(78). High Band Edge Plot (80 M BW Ch.662666 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (80 M BW Ch.662666 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (80 M BW Ch.662666 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (80 M BW Ch.662666 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (80 M BW Ch.662666 BPSK 1RB)(3)

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Sub6 n77(78). High Band Edge Plot (80 M BW Ch.662666 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (90 M BW Ch.649668 BPSK 1RB)(1)

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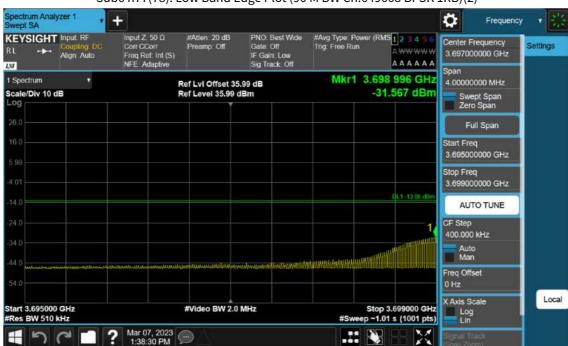




Sub6 n77(78). Low Band Edge Plot (90 M BW Ch.649668 BPSK FullRB)(1)

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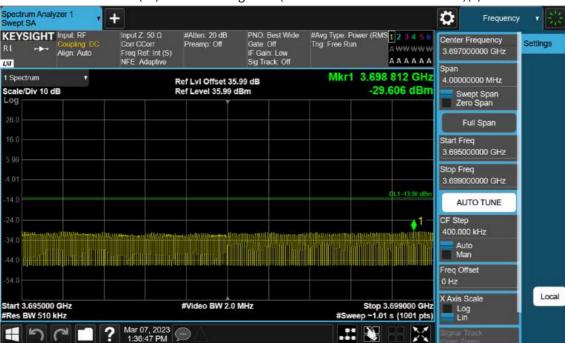




Sub6 n77(78). Low Band Edge Plot (90 M BW Ch.649668 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (90 M BW Ch.649668 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (90 M BW Ch.649668 BPSK 1RB)(3)

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Sub6 n77(78). Low Band Edge Plot (90 M BW Ch.649668 BPSK FullRB)(3)

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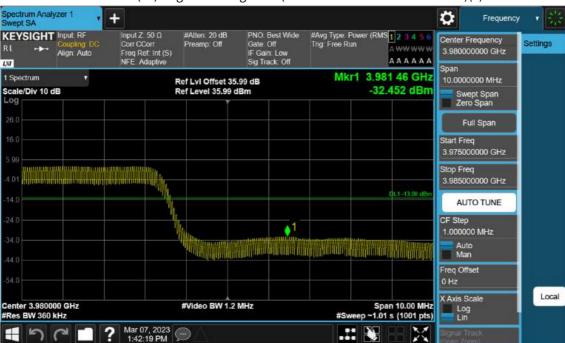


ø Frequency PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive #Avg Type Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF #Atten 20 dB Preamp Off Center Frequency 3.980000000 GHz Settings Align Auto AAAAAA LNI Mkr1 3.980 01 GHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm 10.0000000 MHz -32.707 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.975000000 GHz Stop Freq 3.985000000 GHz AUTO TUNE CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz Local Span 10.00 MHz ep ~1.01 s (1001 pts) Center 3.980000 GHz #Res BW 30 kHz #Video BW 100 kHz

Sub6 n77(78). High Band Edge Plot (90 M BW Ch.662332 BPSK 1RB)(1)

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Sub6 n77(78). High Band Edge Plot (90 M BW Ch.662332 BPSK FullRB)(1)

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Sub6 n77(78). High Band Edge Plot (90 M BW Ch.662332 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (90 M BW Ch.662332 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (90 M BW Ch.662332 BPSK 1RB)(3)

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Sub6 n77(78). High Band Edge Plot (90 M BW Ch.662332 BPSK FullRB)(3)

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Sub6 n77(78). Low Band Edge Plot (100 M BW Ch.650000 BPSK 1RB)(1)

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pectrum Analyzer 1 wept SA ø Frequency PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Input Z 50 Ω Corr CCorr #Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF Center Frequency 3.700000000 GHz Settings → Align Auto Freq Ref. Int (S) NFE. Adaptive AAAAAA LNI Mkr1 3.698 260 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -32.021 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.698000000 GHz 3.702000000 GHz L1 -13.00 d **AUTO TUNE** CF Step 400,000 kHz rerest Millian constitution of the classic library of the constitution of the constitu Auto Man Freq Offset 0 Hz X Axis Scale Log Lin Local Center 3.700000 GHz #Video BW 1.2 MHz Span 4.000 MHz ep ~1.01 s (1001 pts) ?

Sub6 n77(78). Low Band Edge Plot (100 M BW Ch.650000 BPSK FullRB)(1)

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Sub6 n77(78). Low Band Edge Plot (100 M BW Ch.650000 BPSK 1RB)(2)

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Sub6 n77(78). Low Band Edge Plot (100 M BW Ch.650000 BPSK FullRB)(2)

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Sub6 n77(78). Low Band Edge Plot (100 M BW Ch.650000 BPSK 1RB)(3)

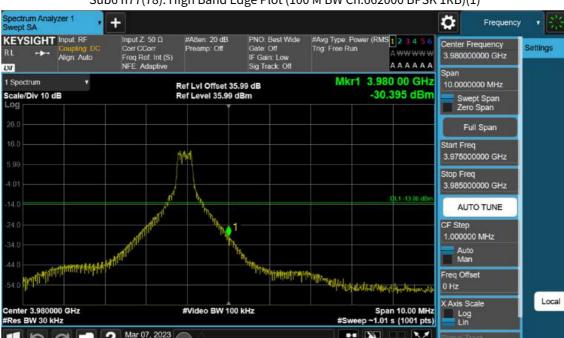
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Sub6 n77(78). High Band Edge Plot (100 M BW Ch.662000 BPSK 1RB)(1)

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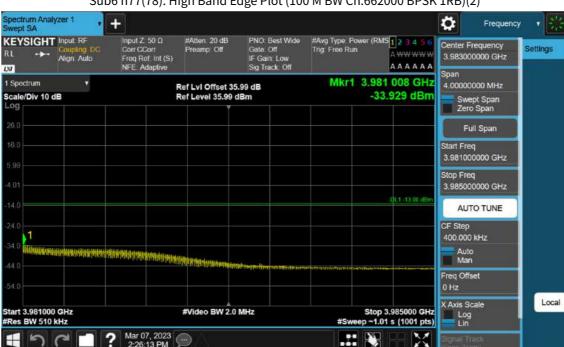


pectrum Analyzer 1 wept SA Frequency PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Input Z 50 Ω Corr CCorr #Atten 20 dB Preamp: Off #Avg Type Power (RMS 1 2 3 4 5 Trig: Free Run KEYSIGHT Input RF Center Frequency 3.980000000 GHz Settings Freq Ref. Int (S) NFE. Adaptive AAAAAA LNI Mkr1 3.984 55 GHz 1 Spectrum 10.0000000 MHz Ref LvI Offset 35.99 dB Ref Level 35.99 dBm -37.661 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 3.975000000 GHz Stop Freq 3.985000000 GHz QL1-13.00 d **AUTO TUNE** CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz X Axis Scale Log Lin Local Span 10.00 MHz Center 3.980000 GHz #Video BW 1.2 MHz ep ~1.01 s (1001 pts) Mar 07, 2023 2:23:25 PM ?

Sub6 n77(78). High Band Edge Plot (100 M BW Ch.662000 BPSK FullRB)(1)

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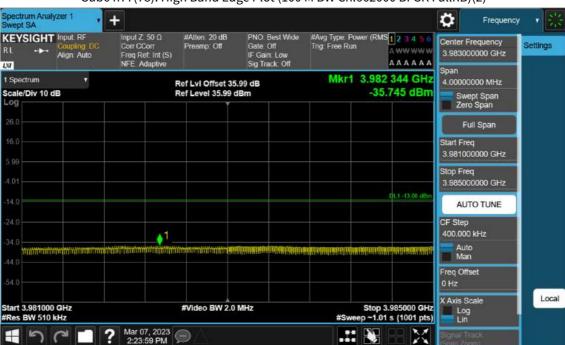




Sub6 n77(78). High Band Edge Plot (100 M BW Ch.662000 BPSK 1RB)(2)

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Sub6 n77(78). High Band Edge Plot (100 M BW Ch.662000 BPSK FullRB)(2)

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Sub6 n77(78). High Band Edge Plot (100 M BW Ch.662000 BPSK 1RB)(3)

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Sub6 n77(78). High Band Edge Plot (100 M BW Ch.662000 BPSK FullRB)(3)

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Sub6 n77(78). Conducted Spurious Plot_1 (647334ch_20 MHz_BPSK)

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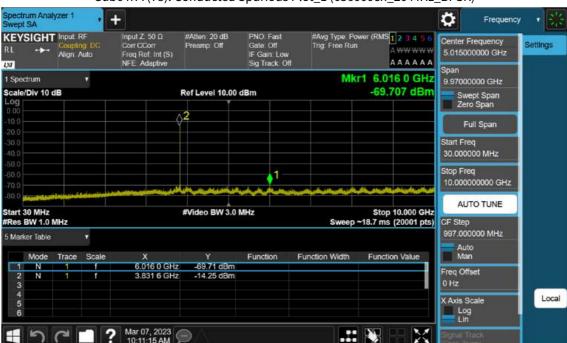




Sub6 n77(78). Conducted Spurious Plot_2 (647334ch_20 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_1 (656000ch_20 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_2 (656000ch_20 MHz_BPSK)

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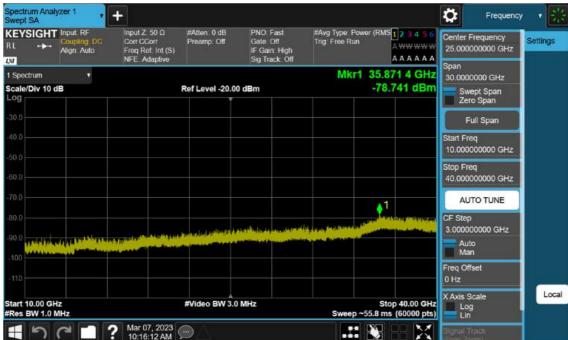




Sub6 n77(78). Conducted Spurious Plot_1 (664666ch_20 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_2 (664666ch_20 MHz_BPSK)

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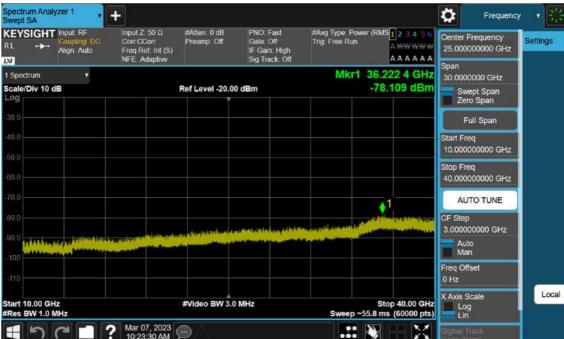




Sub6 n77(78). Conducted Spurious Plot_1 (647668ch_30 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_2 (647668ch_30 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_1 (656000ch_30 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_2 (656000ch_30 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_1 (664332ch_30 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_2 (664332ch_30 MHz_BPSK)

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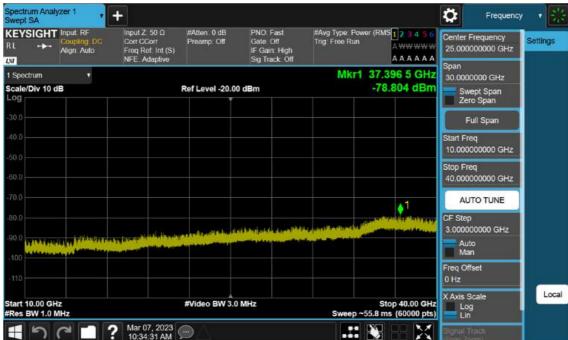




Sub6 n77(78). Conducted Spurious Plot_1 (648000ch_40 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_2 (648000ch_40 MHz_BPSK)

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Sub6 n77(78). Conducted Spurious Plot_1 (656000ch_40 MHz_BPSK)

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