



n77(3450~3550 MHz)_60 M_Band Edge_High_BPSK_FullRB(3)

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n77(3450~3550 MHz)_60 M_Band Edge_High_BPSK_1RB(3)

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n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_FullRB(1)

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n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_1RB(1)

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n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_FullRB(2)

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n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_1RB(2)

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n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_FullRB(3)

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n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_1RB(3)

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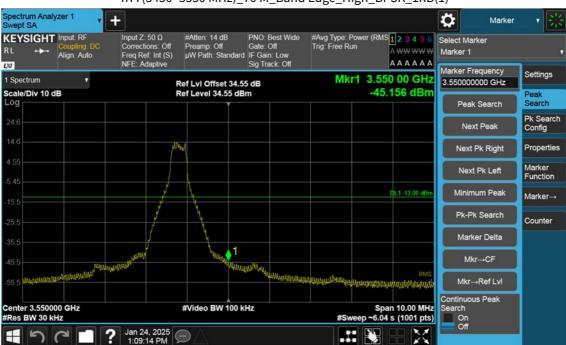
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n77(3450~3550 MHz)_70 M_Band Edge_High_BPSK_1RB(1)

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n77(3450~3550 MHz)_70 M_Band Edge_High_BPSK_FullRB(2)



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n77(3450~3550 MHz)_70 M_Band Edge_High_BPSK_1RB(2)

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n77(3450~3550 MHz)_70 M_Band Edge_High_BPSK_1RB(3)

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ø Marker #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run #Atten: 14 dB PNO: Best Wide Preamp: Off Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive KEYSIGHT Input: RF Select Marker Marker 1 AAAAAA Ļχij Marker Frequency Settings Mkr1 3.449 996 GHz 1 Spectrum 3.449996000 GHz Ref LvI Offset 34.55 dB Ref Level 34.55 dBm -28.823 dBm Scale/Div 10 dB Peak Search Pk Search Config Next Peak Next Pk Right Properties Marker Function Next Pk Left Marker→ Pk-Pk Search Counter Marker Delta Mkr→CF Mkr→Ref LvI Continuous Peak Search On Off Center 3.450000 GHz #Res BW 200 kHz Span 4.000 MHz #Sweep ~6.03 s (1001 pts) #Video BW 1.0 MHz

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n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_1RB(1)

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n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(2)

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n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_1RB(2)

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n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(3)

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n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_1RB(3)

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n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_1RB(1)

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ø Marker #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run #Atten: 14 dB PNO: Best Wide Preamp: Off Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive KEYSIGHT Input: RF Select Marker Marker 1 AAAAAA Ļχij Marker Frequency Settings Mkr1 3.551 008 GHz 1 Spectrum 3.551008000 GHz Ref LvI Offset 34.55 dB Ref Level 34.55 dBm -28.566 dBm Scale/Div 10 dB Peak Search Pk Search Config Next Peak Next Pk Right Properties Marker Function Next Pk Left Marker→ Pk-Pk Search Counter Marker Delta Mkr→CF Mkr→Ref LvI Continuous Peak Search On Off Start 3.551000 GHz #Res BW 510 kHz Stop 3.555000 GHz #Sweep ~6.03 s (1001 pts) #Video BW 2.0 MHz

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n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_FullRB(2)

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n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_1RB(2)

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n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_FullRB(3)

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n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_1RB(3)

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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(1)

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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_1RB(1)

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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(2)

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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_1RB(2)

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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(3)

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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_1RB(3)

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ø Marker #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run #Atten: 14 dB PNO: Best Wide Preamp: Off Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive KEYSIGHT Input: RF Select Marker Marker 1 AAAAAA Ļχij Marker Frequency Settings Mkr1 3.550 12 GHz 3.550120000 GHz 1 Spectrum Ref LvI Offset 34.55 dB Ref Level 34.55 dBm -31.550 dBm Scale/Div 10 dB Peak Search Pk Search Config Next Peak Next Pk Right Properties Marker Function Next Pk Left Marker→ Pk-Pk Search Counter **≬**1 Marker Delta Mkr→CF Mkr→Ref LvI Continuous Peak Search On Off Center 3.550000 GHz #Res BW 200 kHz Span 10.00 MHz #Sweep ~6.04 s (1001 pts) #Video BW 1.0 MHz

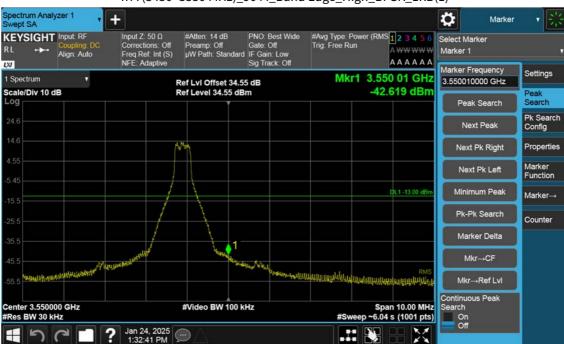
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n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_FullRB(1)

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n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_1RB(1)

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ø Marker #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run #Atten: 14 dB PNO: Best Wide Preamp: Off Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive KEYSIGHT Input: RF Select Marker Marker 1 AAAAAA Ļχij Marker Frequency Settings Mkr1 3.551 016 GHz 1 Spectrum 3.551016000 GHz Ref LvI Offset 34.55 dB Ref Level 34.55 dBm -30.344 dBm Scale/Div 10 dB Peak Search Pk Search Config Next Peak Next Pk Right Properties Marker Function Next Pk Left Marker→ Pk-Pk Search Counter Marker Delta Mkr→CF Mkr→Ref LvI Continuous Peak Search On Off Start 3.551000 GHz #Res BW 510 kHz Stop 3.555000 GHz #Sweep ~6.03 s (1001 pts) #Video BW 2.0 MHz

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n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_FullRB(2)

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n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_1RB(2)

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n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_FullRB(3)

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n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_1RB(3)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_FullRB(1)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_1RB(1)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_FullRB(2)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_1RB(2)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_FullRB(3)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_1RB(3)

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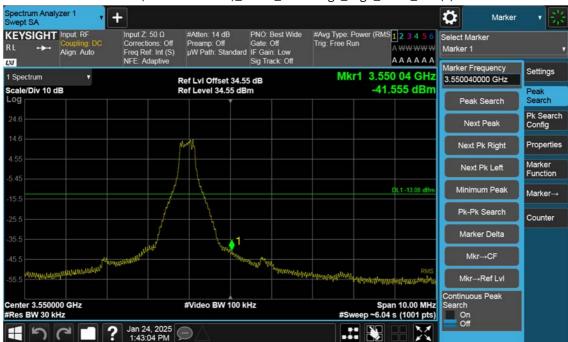




n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_FullRB(1)

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n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(1)

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n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_FullRB(2)

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n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(2)

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n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(3)

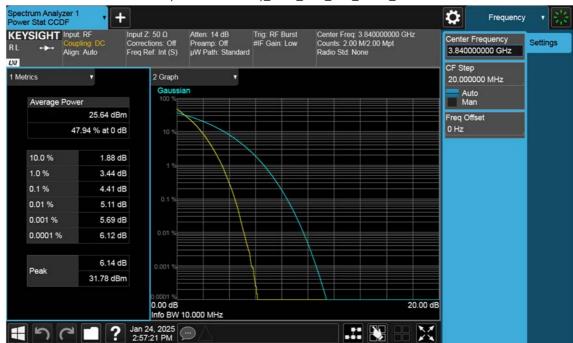
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11. TEST PLOTS(3700 MHz - 3980 MHz)

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n77(3700~3980 MHz)_10 M_PAR_Mid_BPSK_FullRB

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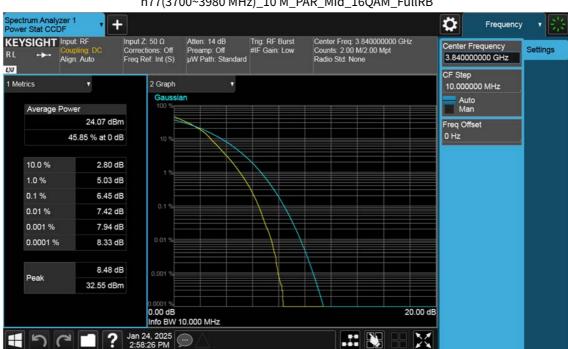




n77(3700~3980 MHz)_10 M_PAR_Mid_QPSK_FullRB

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n77(3700~3980 MHz)_10 M_PAR_Mid_16QAM_FullRB

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n77(3700~3980 MHz)_10 M_PAR_Mid_64QAM_FullRB

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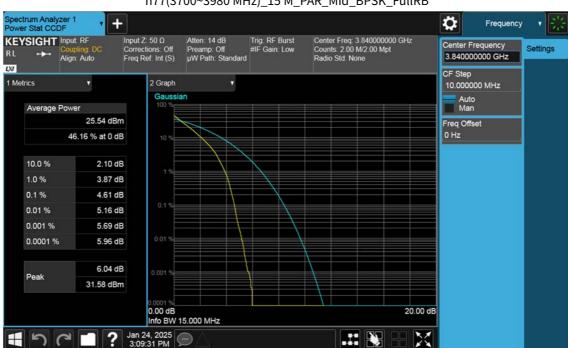




n77(3700~3980 MHz)_10 M_PAR_Mid_256QAM_FullRB

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n77(3700~3980 MHz)_15 M_PAR_Mid_BPSK_FullRB

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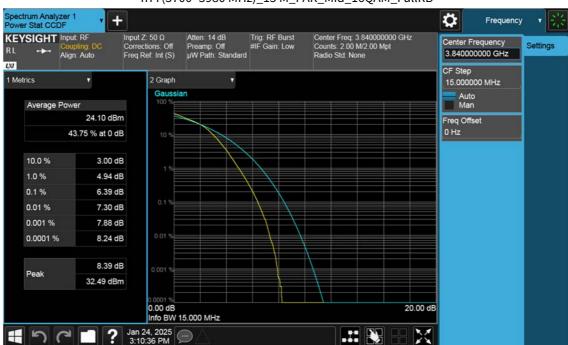




n77(3700~3980 MHz)_15 M_PAR_Mid_QPSK_FullRB

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n77(3700~3980 MHz)_15 M_PAR_Mid_16QAM_FullRB

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n77(3700~3980 MHz)_15 M_PAR_Mid_64QAM_FullRB

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n77(3700~3980 MHz)_15 M_PAR_Mid_256QAM_FullRB

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n77(3700~3980 MHz)_20 M_PAR_Mid_BPSK_FullRB

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n77(3700~3980 MHz)_20 M_PAR_Mid_QPSK_FullRB

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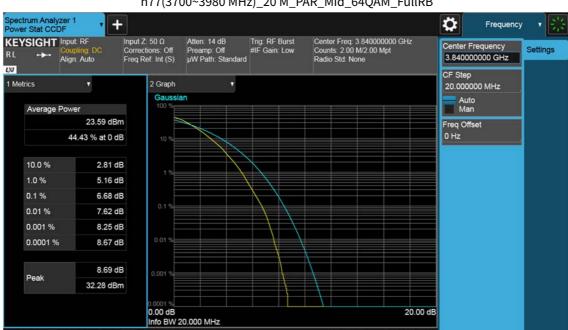


pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Center Freq: 3.840000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None Atten: 14 dB Preamp: Off µW Path: Standard KEYSIGHT Input RF Trig: RF Burst #IF Gain: Low Center Frequency 3.840000000 GHz Settings RL ĻΩ CF Step 20.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 24.09 dBm Freq Offset 0 Hz 45.08 % at 0 dB 10.0 % 2.75 dB 1.0 % 4.95 dB 0.1 % 6.40 dB 0.01 % 7.40 dB 0.001 % 7.99 dB 0.0001 % 8.20 dB 8.25 dB Peak 32.34 dBm 0.00 dB Info BW 20.000 MHz 20.00 dB 4 5 C 7 Jan 24, 2025 3:22:44 PM

n77(3700~3980 MHz)_20 M_PAR_Mid_16QAM_FullRB

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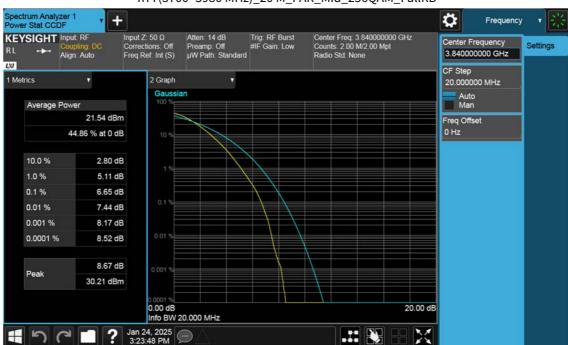




n77(3700~3980 MHz)_20 M_PAR_Mid_64QAM_FullRB

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n77(3700~3980 MHz)_20 M_PAR_Mid_256QAM_FullRB

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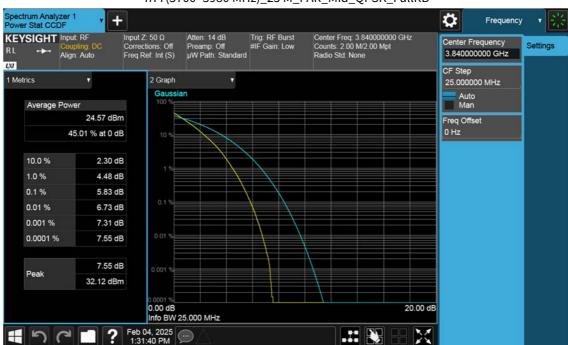




n77(3700~3980 MHz)_25 M_PAR_Mid_BPSK_FullRB

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n77(3700~3980 MHz)_25 M_PAR_Mid_QPSK_FullRB

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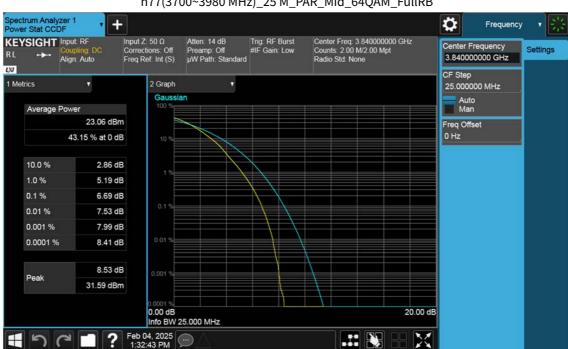




n77(3700~3980 MHz)_25 M_PAR_Mid_16QAM_FullRB

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n77(3700~3980 MHz)_25 M_PAR_Mid_64QAM_FullRB

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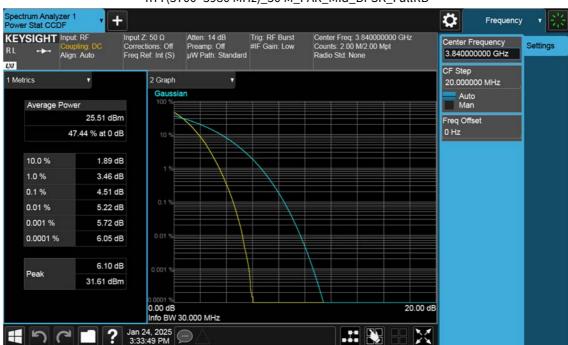




n77(3700~3980 MHz)_25 M_PAR_Mid_256QAM_FullRB

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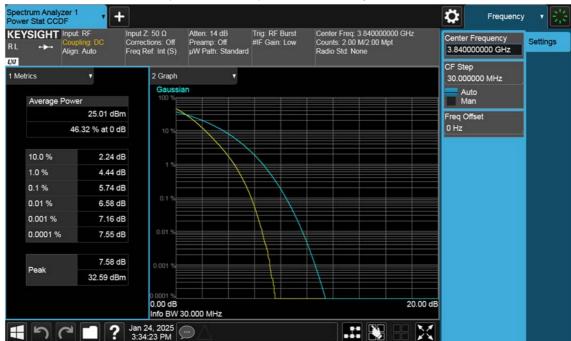




n77(3700~3980 MHz)_30 M_PAR_Mid_BPSK_FullRB

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n77(3700~3980 MHz)_30 M_PAR_Mid_QPSK_FullRB

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n77(3700~3980 MHz)_30 M_PAR_Mid_16QAM_FullRB

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