

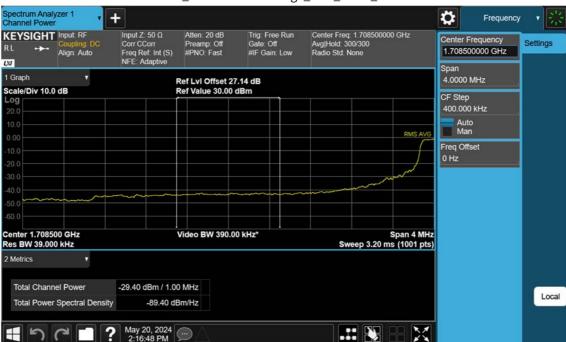
#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.710000000 GHz AAAAAA ĻΧI Mkr1 1.710 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -27.488 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.708000000 GHz Stop Freq 1.712000000 GHz DL1 -13.00 dl AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.710000 GHz #Res BW 150 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 470 kHz Log Lin

? May 20, 2024 2:16:38 PM

# 15 M\_Band Edge\_Low\_BPSK\_FullRB

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# 15 M\_Extended Band Edge\_Low\_BPSK\_FullRB

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#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 020 GHz 1 Spectrum Ref LvI Offset 27.14 dB Ref Level 27.14 dBm 4.00000000 MHz -39,696 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.0 MHz Log Lin

III 🐺

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# 15 M\_Band Edge\_High\_BPSK\_1RB

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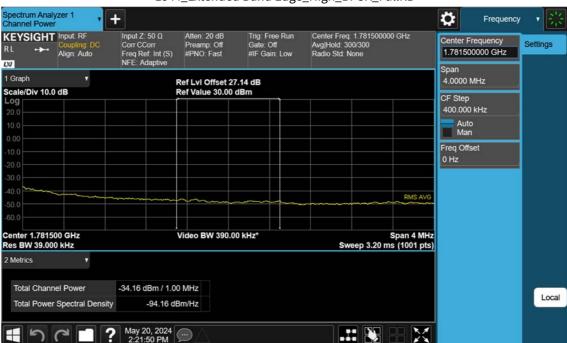


#### 15 M\_Band Edge\_High\_BPSK\_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 004 GHz 1 Spectrum Ref LvI Offset 27.14 dB Ref Level 27.14 dBm 4.00000000 MHz -37.188 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 150 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 470 kHz Log Lin

? May 20, 2024 2:21:40 PM

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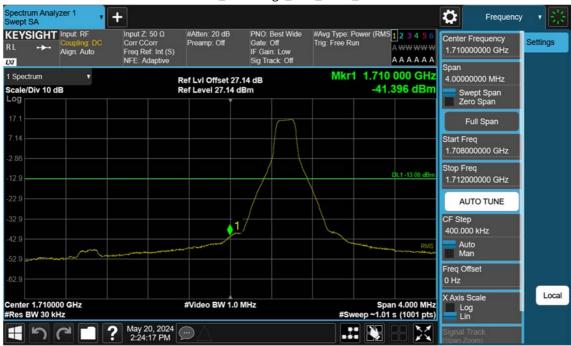


# 15 M\_Extended Band Edge\_High\_BPSK\_FullRB

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# 20 M\_Band Edge\_Low\_BPSK\_1RB



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Local

X Axis Scale

Log Lin

Span 4.000 MHz #Sweep ~1.01 s (1001 pts)



Center 1.710000 GHz #Res BW 200 kHz

#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.710000000 GHz AAAAAA ĻΧI Mkr1 1.709 996 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -27.550 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.708000000 GHz Stop Freq 1.712000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz

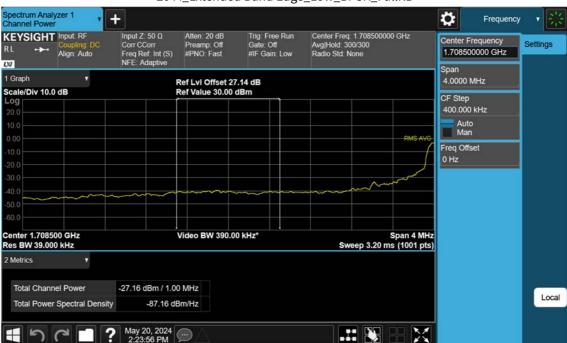
#Video BW 620 kHz

? May 20, 2024 2:23:45 PM

# 20 M\_Band Edge\_Low\_BPSK\_FullRB

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# 20 M\_Extended Band Edge\_Low\_BPSK\_FullRB

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Log Lin

III 🐺



#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -41.349 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.0 MHz

20 M\_Band Edge\_High\_BPSK\_1RB

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# 20 M\_Band Edge\_High\_BPSK\_FullRB

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# 20 M\_Extended Band Edge\_High\_BPSK\_FullRB

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# 25 M\_Band Edge\_Low\_BPSK\_1RB



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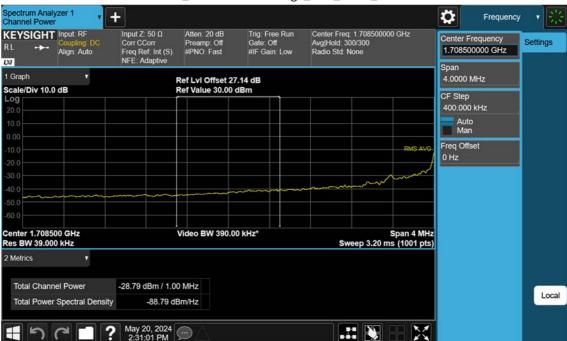


#### 25 M\_Band Edge\_Low\_BPSK\_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.710000000 GHz AAAAAA ĻΧI Mkr1 1.709 988 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -25.176 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.708000000 GHz Stop Freq 1.712000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.710000 GHz #Res BW 270 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 910 kHz Log Lin

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# 25 M\_Extended Band Edge\_Low\_BPSK\_FullRB

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#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 004 GHz 1 Spectrum Ref LvI Offset 27.14 dB Ref Level 27.14 dBm 4.00000000 MHz -44.512 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.0 MHz Log Lin

III 🐺

25 M\_Band Edge\_High\_BPSK\_1RB

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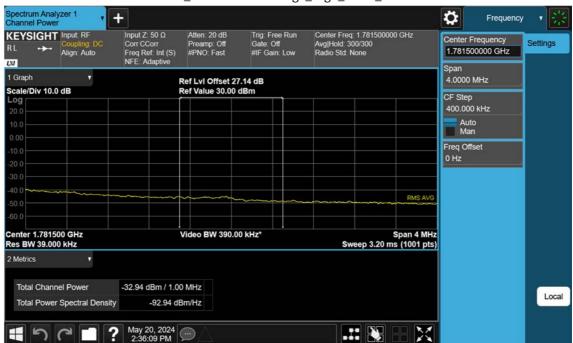




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# 25 M\_Extended Band Edge\_High\_BPSK\_FullRB

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# 30 M\_Band Edge\_Low\_BPSK\_1RB



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Local

X Axis Scale

Log Lin

Span 4.000 MHz #Sweep ~1.01 s (1001 pts)



Center 1.710000 GHz #Res BW 300 kHz

#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.710000000 GHz AAAAAA ĻΧI Mkr1 1.709 996 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -25.430 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.708000000 GHz Stop Freq 1.712000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz

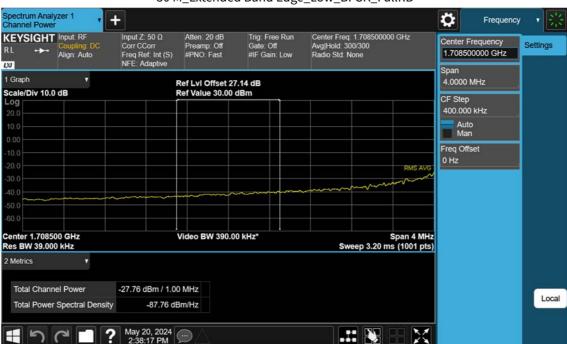
#Video BW 1.0 MHz

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# 30 M\_Band Edge\_Low\_BPSK\_FullRB

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# 30 M\_Extended Band Edge\_Low\_BPSK\_FullRB

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# 30 M\_Band Edge\_High\_BPSK\_1RB

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#### 30 M\_Band Edge\_High\_BPSK\_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -25.260 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dE 1 AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 300 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.0 MHz Log Lin

III 🐺

? May 20, 2024 2:43:12 PM

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# 30 M\_Extended Band Edge\_High\_BPSK\_FullRB

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# 35 M\_Band Edge\_Low\_BPSK\_1RB



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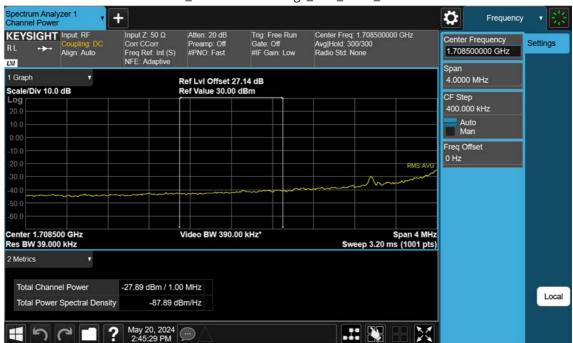


#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.710000000 GHz AAAAAA ĻΧI Mkr1 1.709 996 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -21.792 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.708000000 GHz Stop Freq 1.712000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.710000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin ? May 20, 2024 2:45:20 PM

# 35 M\_Band Edge\_Low\_BPSK\_FullRB

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# 35 M\_Extended Band Edge\_Low\_BPSK\_FullRB

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? May 20, 2024 2:50:58 PM

35 M\_Band Edge\_High\_BPSK\_1RB

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#### 35 M\_Band Edge\_High\_BPSK\_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 004 GHz 1 Spectrum Ref LvI Offset 27.14 dB Ref Level 27.14 dBm 4.00000000 MHz -32,308 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dE AUTO TUNE **(1**) 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin

III 🐺

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35 M\_Extended Band Edge\_High\_BPSK\_FullRB

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# 40 M\_Band Edge\_Low\_BPSK\_1RB



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Local

X Axis Scale

Log Lin

Span 4.000 MHz #Sweep ~1.01 s (1001 pts)



Center 1.710000 GHz #Res BW 430 kHz

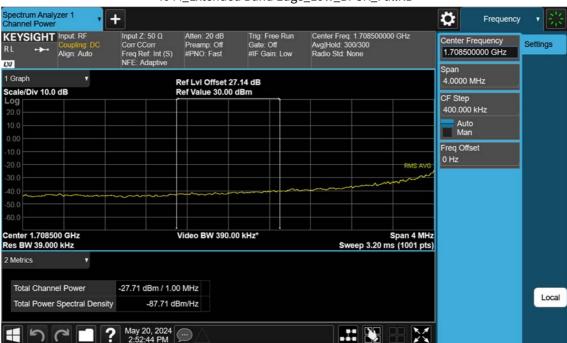
#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.710000000 GHz AAAAAA ĻΧI Mkr1 1.709 996 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.14 dB Ref Level 27.14 dBm -21.854 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.708000000 GHz Stop Freq 1.712000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz

#Video BW 1.3 MHz

# 40 M\_Band Edge\_Low\_BPSK\_FullRB

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# 40 M\_Extended Band Edge\_Low\_BPSK\_FullRB

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#### ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.781 328 GHz 1 Spectrum Ref LvI Offset 27.14 dB Ref Level 27.14 dBm 4.00000000 MHz -38.970 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dE AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.0 MHz Log Lin

III 🐺

40 M\_Band Edge\_High\_BPSK\_1RB

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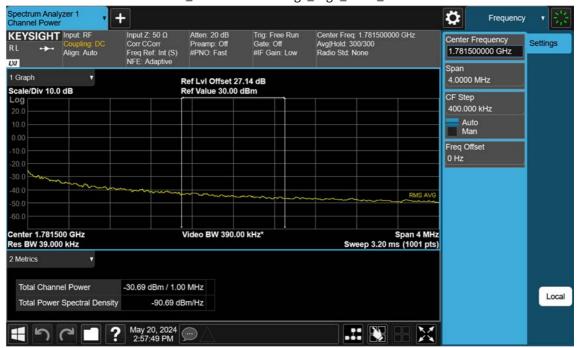


#### 40 M\_Band Edge\_High\_BPSK\_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.780000000 GHz AAAAAA ĻΧI Mkr1 1.780 000 GHz 1 Spectrum Ref LvI Offset 27.14 dB Ref Level 27.14 dBm 4.00000000 MHz -23.140 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.778000000 GHz Stop Freq 1.782000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.780000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin

? May 20, 2024 2:57:39 PM

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# 40 M\_Extended Band Edge\_High\_BPSK\_FullRB

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# 11. TEST PLOTS (ANT F)

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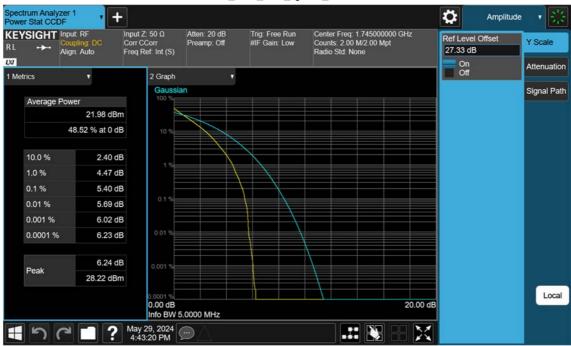
15 C 2 ? May 29, 2024 9 4:42:48 PM

### Spectrum Analyzer Power Stat CCDF ø Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None Atten: 20 dB Preamp: Off Trig: Free Run #IF Gain: Low KEYSIGHT Input RF Ref Level Offset Align: Auto 27.33 dB L)(I On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 22.48 dBm 49.71 % at 0 dB 10.0 % 1.90 dB 1.0 % 3.83 dB 0.1 % 5.11 dB 5.40 dB 0.01 % 5.44 dB 0.001 % 5.48 dB 0.0001 % 5.49 dB 27.97 dBm Local 0.00 dB Info BW 5.0000 MHz 20.00 dB

# 5 M\_PAR\_Mid\_BPSK\_FullRB

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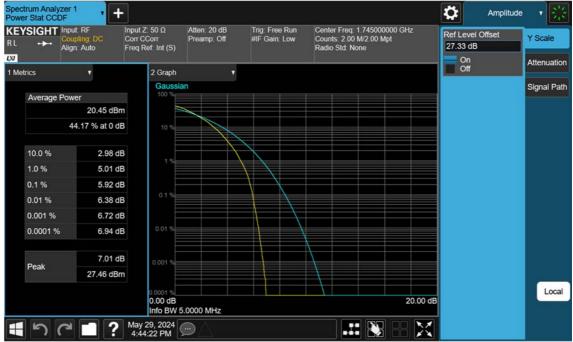
### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 20,96 dBm 46.38 % at 0 dB 10.0 % 2.87 dB 1.0 % 4.81 dB 0.1 % 5.72 dB 0.01 % 6.10 dB 0.001 % 6.45 dB 0.0001 % 6.66 dB 6.68 dB Peak 27.64 dBm Local 0.00 dB Info BW 5.0000 MHz 20.00 dB May 29, 2024 4:43:51 PM

### 5 M\_PAR\_Mid\_16QAM\_FullRB

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# 5 M\_PAR\_Mid\_64QAM\_FullRB



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### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 18.41 dBm 44.08 % at 0 dB 10.0 % 3.00 dB 1.0 % 5.01 dB 0.1 % 6.02 dB 0.01 % 6.36 dB 0.001 % 6.78 dB 0.0001 % 7.06 dB 7.10 dB Peak 25.51 dBm Local 0.00 dB Info BW 5.0000 MHz 20.00 dB

### 5 M\_PAR\_Mid\_256QAM\_FullRB

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### 10 M\_PAR\_Mid\_16QAM\_FullRB

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### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 20.47 dBm 44.49 % at 0 dB 10.0 % 3.00 dB 1.0 % 4.88 dB 0.1 % 5.81 dB 0.01 % 6.27 dB 0.001 % 6.56 dB 0.0001 % 6.71 dB 6.72 dB Peak 27.19 dBm Local 0.00 dB Info BW 10.000 MHz 20.00 dB May 29, 2024 4:52:05 PM

### 10 M\_PAR\_Mid\_64QAM\_FullRB

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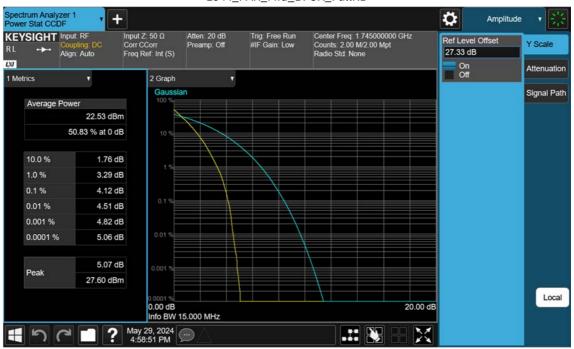


### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 18.43 dBm 44.21 % at 0 dB 10.0 % 3.02 dB 1.0 % 4.92 dB 0.1 % 5.96 dB 0.01 % 6.89 dB 0.001 % 7.30 dB 0.0001 % 7.47 dB 7.55 dB Peak 25.98 dBm Local 0.00 dB Info BW 10.000 MHz 20.00 dB May 29, 2024 4:52:28 PM

### 10 M\_PAR\_Mid\_256QAM\_FullRB

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### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 21.01 dBm 47.89 % at 0 dB 10.0 % 2.73 dB 1.0 % 4.56 dB 0.1 % 5.59 dB 0.01 % 6.22 dB 0.001 % 6.52 dB 0.0001 % 6.87 dB 6.96 dB Peak 27.97 dBm Local 0.00 dB Info BW 15.000 MHz 20.00 dB

### 15 M\_PAR\_Mid\_16QAM\_FullRB

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### 15 M\_PAR\_Mid\_64QAM\_FullRB

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May 29, 2024 5:00:19 PM

### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 18.46 dBm 46.07 % at 0 dB 10.0 % 2.81 dB 1.0 % 4.79 dB 0.1 % 5.97 dB 0.01 % 6.59 dB 0.001 % 6.98 dB 0.0001 % 7.10 dB 7.11 dB Peak 25.57 dBm Local 0.00 dB Info BW 15.000 MHz 20.00 dB

### 15 M\_PAR\_Mid\_256QAM\_FullRB

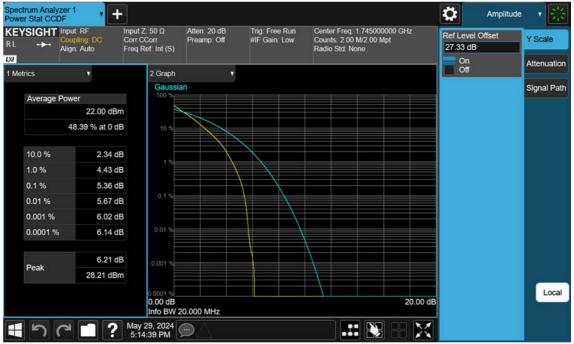
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### 20 M\_PAR\_Mid\_16QAM\_FullRB ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 20,98 dBm 45.89 % at 0 dB 10.0 % 2.85 dB 1.0 % 4.81 dB 0.1 % 5.73 dB 0.01 % 6.21 dB 0.001 % 6.60 dB 0.0001 % 7.10 dB 7.24 dB Peak 28.22 dBm Local 0.00 dB Info BW 20.000 MHz 20.00 dB May 29, 2024 5:15:01 PM

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May 29, 2024 5:15:23 PM

### 20 M\_PAR\_Mid\_64QAM\_FullRB ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 20.47 dBm 43.97 % at 0 dB 10.0 % 2.97 dB 1.0 % 4.97 dB 0.1 % 5.88 dB 0.01 % 6.34 dB 0.001 % 6.86 dB 0.0001 % 7.00 dB 7.21 dB Peak 27.68 dBm Local 0.00 dB Info BW 20.000 MHz 20.00 dB

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### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 18.45 dBm 43.81 % at 0 dB 10.0 % 2.99 dB 1.0 % 5.05 dB 0.1 % 6.07 dB 0.01 % 6.78 dB 0.001 % 7.13 dB 0.0001 % 7.24 dB 7.58 dB Peak 26.03 dBm Local 0.00 dB Info BW 20.000 MHz 20.00 dB May 29, 2024 5:15:46 PM

### 20 M\_PAR\_Mid\_256QAM\_FullRB

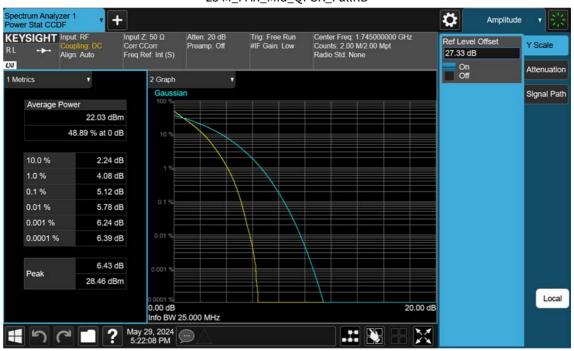
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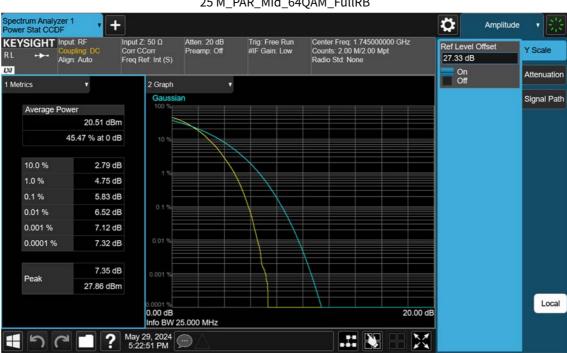


### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 21.01 dBm 47.20 % at 0 dB 10.0 % 2.73 dB 1.0 % 4.61 dB 0.1 % 5.70 dB 0.01 % 6.38 dB 0.001 % 6.79 dB 0.0001 % 6.92 dB 7.17 dB Peak 28.18 dBm Local 0.00 dB Info BW 25.000 MHz 20.00 dB May 29, 2024 5:22:29 PM

### 25 M\_PAR\_Mid\_16QAM\_FullRB

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25 M\_PAR\_Mid\_64QAM\_FullRB

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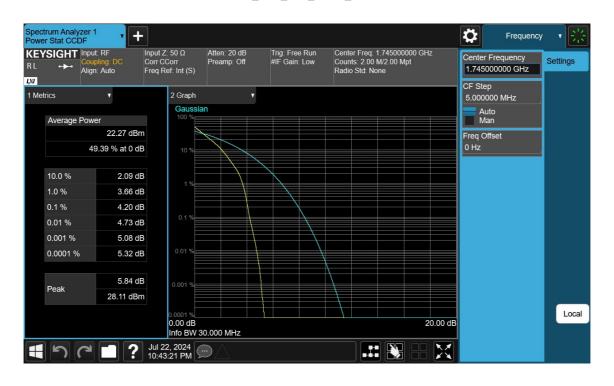


### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 18.48 dBm 45.20 % at 0 dB 10.0 % 2.82 dB 1.0 % 4.77 dB 0.1 % 5.99 dB 0.01 % 6.73 dB 0.001 % 7.33 dB 0.0001 % 7.46 dB 7.49 dB Peak 25.97 dBm Local 0.00 dB Info BW 25.000 MHz 20.00 dB May 29, 2024 5:23:13 PM

### 25 M\_PAR\_Mid\_256QAM\_FullRB

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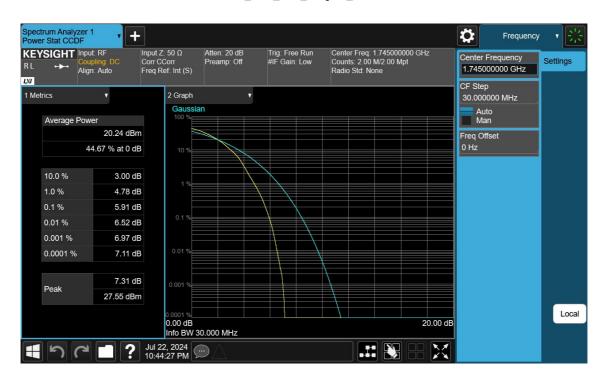
## 30 M\_PAR\_Mid\_16QAM\_FullRB



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## 30 M\_PAR\_Mid\_64QAM\_FullRB



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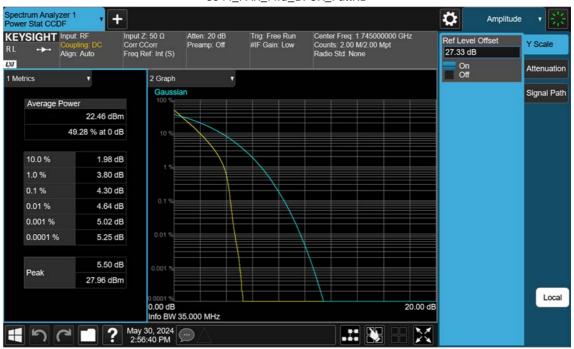


# 30 M\_PAR\_Mid\_256QAM\_FullRB



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1 5 C 2 May 30, 2024 2:57:24 PM

### 35 M\_PAR\_Mid\_16QAM\_FullRB ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 20,93 dBm 45.82 % at 0 dB 10.0 % 2.92 dB 1.0 % 4.63 dB 0.1 % 5.63 dB 0.01 % 6.23 dB 0.001 % 6.63 dB 0.0001 % 6.76 dB 6.76 dB Peak 27.69 dBm Local 0.00 dB Info BW 35.000 MHz 20.00 dB

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(May 30, 2024 ) 2:57:45 PM

### 35 M\_PAR\_Mid\_64QAM\_FullRB ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 20.43 dBm 44.30 % at 0 dB 10.0 % 3.03 dB 1.0 % 4.73 dB 0.1 % 5.77 dB 0.01 % 6.40 dB 0.001 % 6.90 dB 0.0001 % 7.24 dB 7.39 dB Peak 27.82 dBm Local 0.00 dB Info BW 35.000 MHz 20.00 dB

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### ectrum Analyzer 1 ower Stat CCDF **\*** Amplitude Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 20 dB Preamp: Off Ref Level Offset 27.33 dB Y Scale R L Align: Auto On Off Attenuation 1 Metrics 2 Graph Signal Path Average Power 18.39 dBm 43.95 % at 0 dB 10.0 % 3.04 dB 1.0 % 4.79 dB 0.1 % 6.01 dB 0.01 % 6.71 dB 0.001 % 7.11 dB 0.0001 % 7.45 dB 7.47 dB Peak 25.86 dBm Local 0.00 dB Info BW 35.000 MHz 20.00 dB 1 5 C 2 May 30, 2024 2:58:08 PM

### 35 M\_PAR\_Mid\_256QAM\_FullRB

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