



30 M_Conducted Spurious(Above10 G)_High_BPSK_1RB

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35 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB

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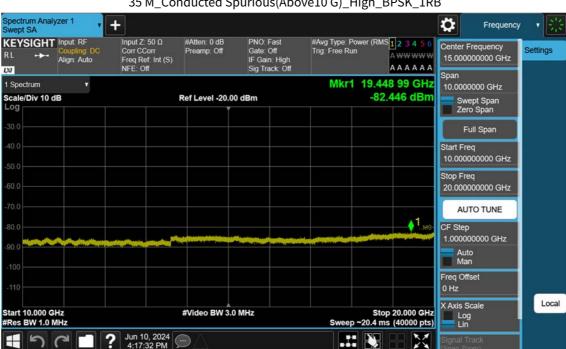




35 M_Conducted Spurious(Above10 G)_Mid_BPSK_FullRB

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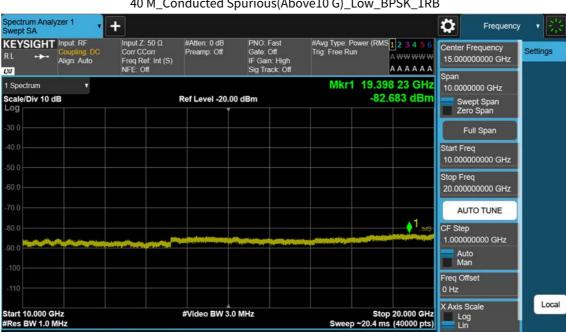




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40 M_Conducted Spurious(Above10 G)_Mid_BPSK_FullRB

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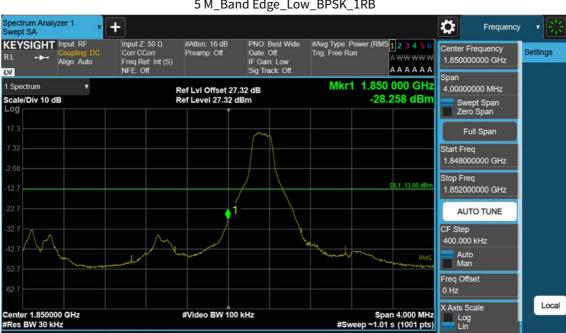


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5 M_Band Edge_Low_BPSK_1RB

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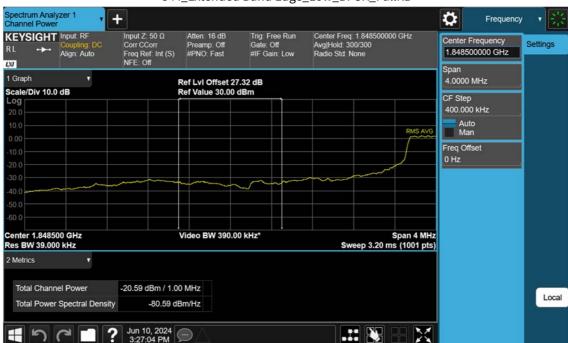


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.850 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -22.958 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 51 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 160 kHz Log Lin ? Jun 10, 2024 3:26:55 PM

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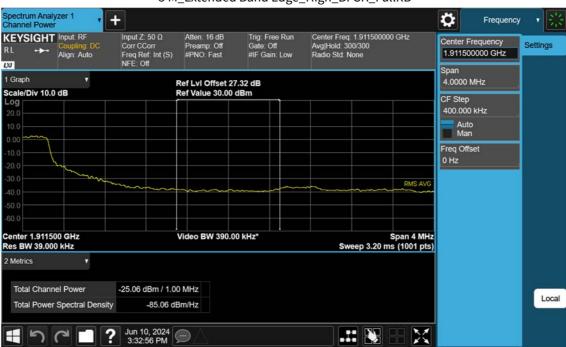
ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -23.584 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 51 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 160 kHz Log Lin

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10 M_Band Edge_Low_BPSK_1RB



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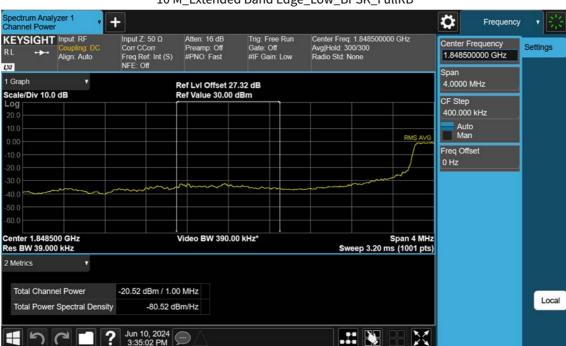


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10 M_Band Edge_High_BPSK_1RB



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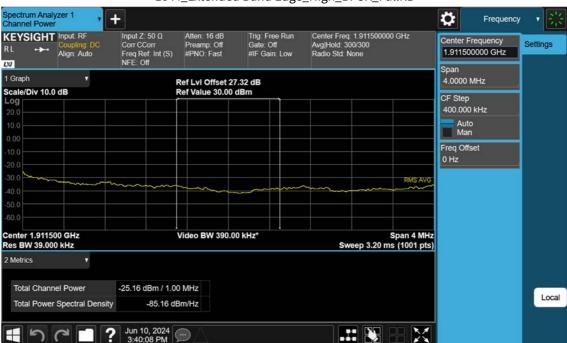
10 M_Band Edge_High_BPSK_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 344 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -29.137 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 100 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 300 kHz Log Lin

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15 M_Band Edge_Low_BPSK_1RB



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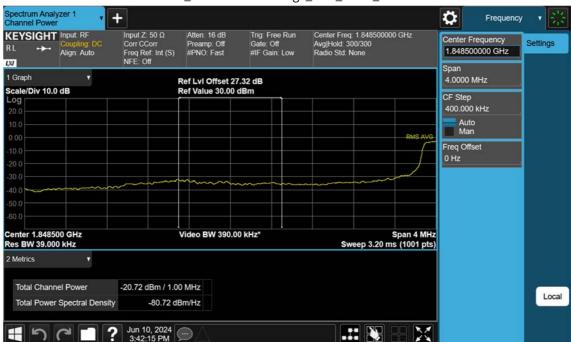


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 996 GHz -26.444 dBm 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 150 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 470 kHz Log Lin

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15 M_Extended Band Edge_Low_BPSK_FullRB

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Center 1.910000 GHz #Res BW 30 kHz

ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 012 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -38.988 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale

#Video BW 100 kHz

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

III 🐺

Log Lin

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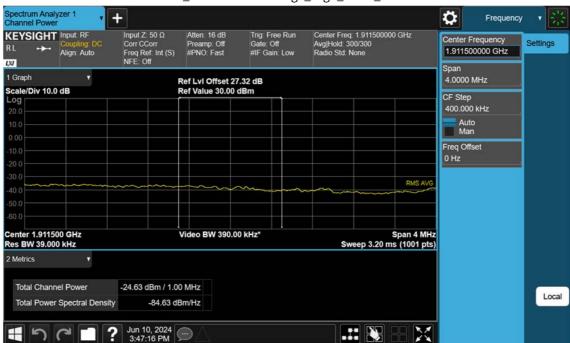


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 152 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -30.193 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE **♦**1 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Log Lin Center 1.910000 GHz #Res BW 150 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 470 kHz III 🐺

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20 M_Band Edge_Low_BPSK_1RB



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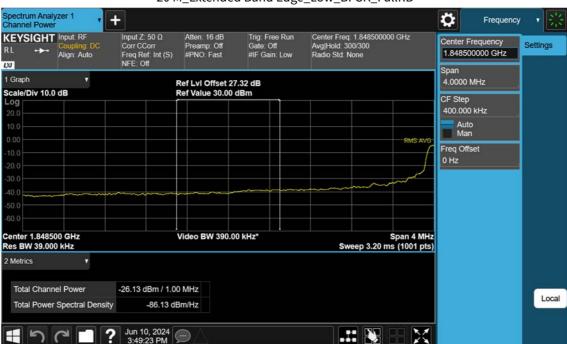
ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.850 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -26.897 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 200 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 620 kHz Log Lin

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20 M_Extended Band Edge_Low_BPSK_FullRB

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ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -41.236 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz Log Lin

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20 M_Band Edge_High_BPSK_1RB

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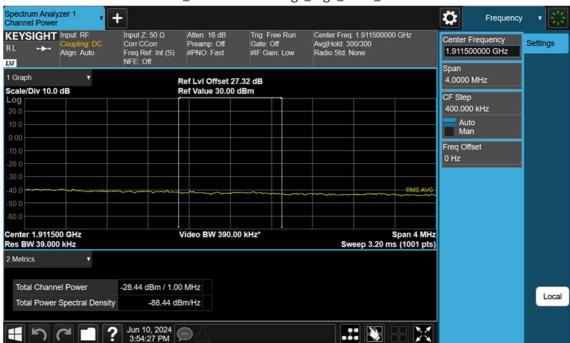




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25 M_Band Edge_Low_BPSK_1RB



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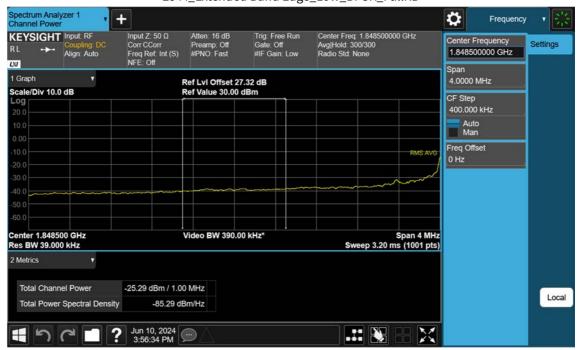


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.850 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -25.782 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 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: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 308 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -43.485 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz Log Lin ? Jun 10, 2024 4:02:04 PM

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25 M_Band Edge_High_BPSK_1RB

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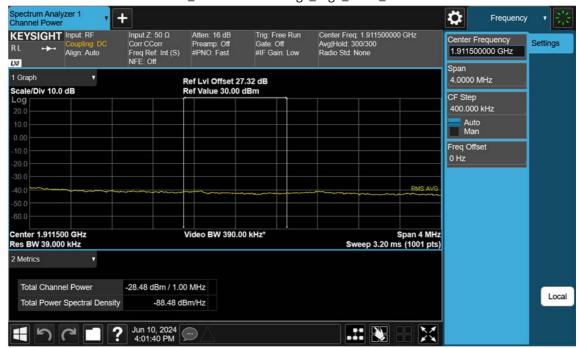
25 M_Band Edge_High_BPSK_FullRB ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 016 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -32.070 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 1 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 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_High_BPSK_FullRB

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ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 668 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -35.575 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz Log Lin

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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)

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Center 1.850000 GHz #Res BW 300 kHz

ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 972 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -25.900 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz

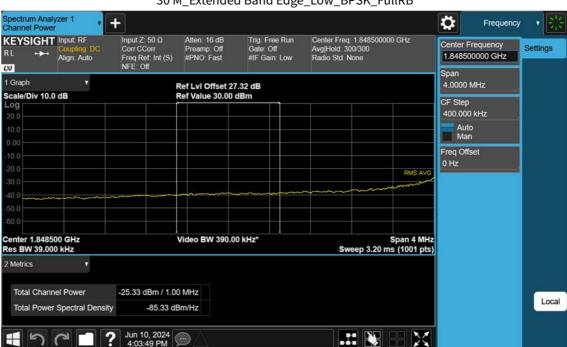
#Video BW 1.0 MHz

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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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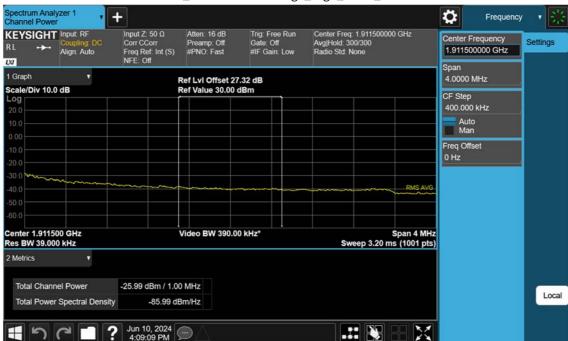


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -25,559 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB 1 AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 300 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.0 MHz Log Lin ? Jun 10, 2024 4:09:00 PM III 🐺

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30 M_Extended Band Edge_High_BPSK_FullRB

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ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 744 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -36.119 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz Log Lin ? Jun 10, 2024 4:11:39 PM III 🐺

35 M_Band Edge_Low_BPSK_1RB

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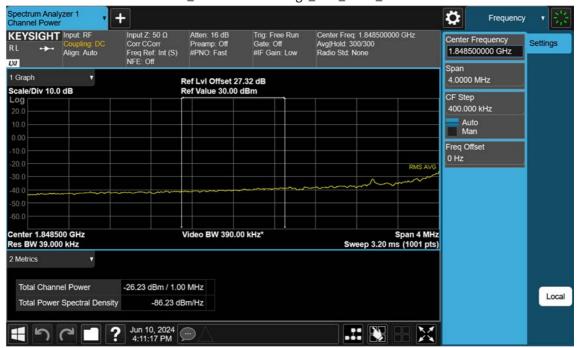
ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.850 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -22.863 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin

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35 M_Band Edge_High_BPSK_1RB

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40 M_Band Edge_Low_BPSK_1RB



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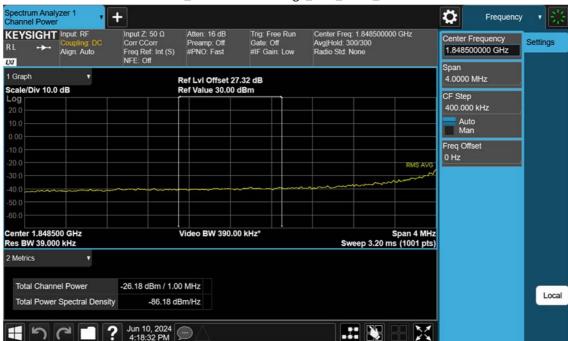


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 996 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -22.678 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.848000000 GHz Stop Freq 1.852000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.850000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin ? Jun 10, 2024 4:18:22 PM

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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: Off 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: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 012 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -40.808 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz Log Lin

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40 M_Band Edge_High_BPSK_1RB

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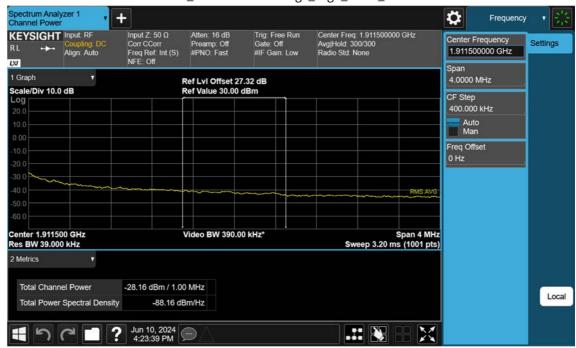


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 16 dB Preamp: Off Center Frequency Settings Align: Auto 1.910000000 GHz AAAAAA ĻΧI Mkr1 1.910 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -23.937 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.908000000 GHz Stop Freq 1.912000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.910000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin ? Jun 10, 2024 4:23:30 PM III 🐺

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13. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2407-FC038-P

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