

25 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB

F-TP22-03 (Rev. 06) Page 367 of 426





25 M_Conducted Spurious(Above10 G)_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 368 of 426





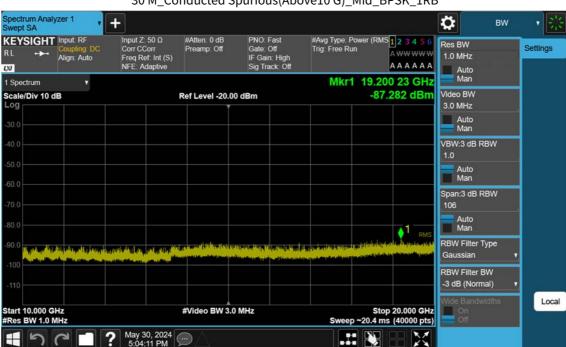
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30 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 369 of 426

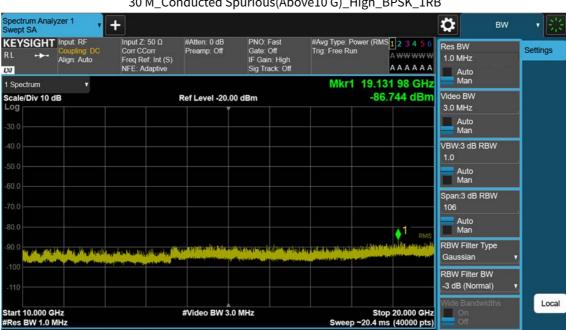




30 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB

F-TP22-03 (Rev. 06) Page 370 of 426





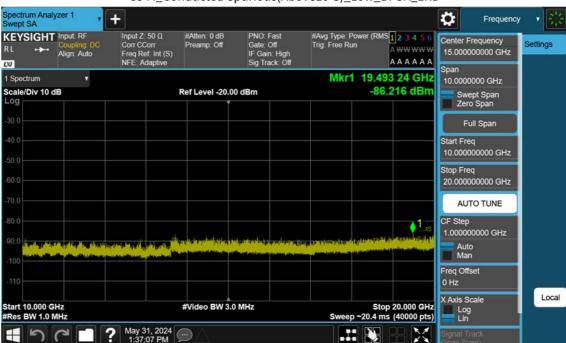
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30 M_Conducted Spurious(Above10 G)_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 371 of 426





35 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 372 of 426

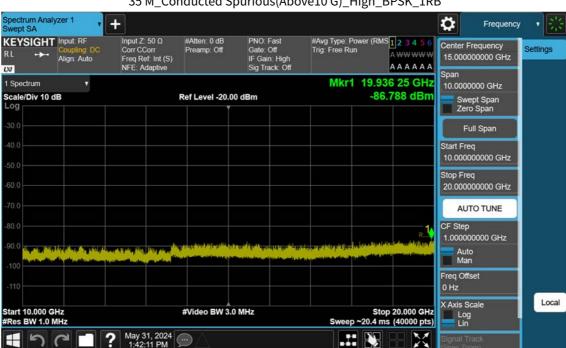




35 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB

F-TP22-03 (Rev. 06) Page 373 of 426

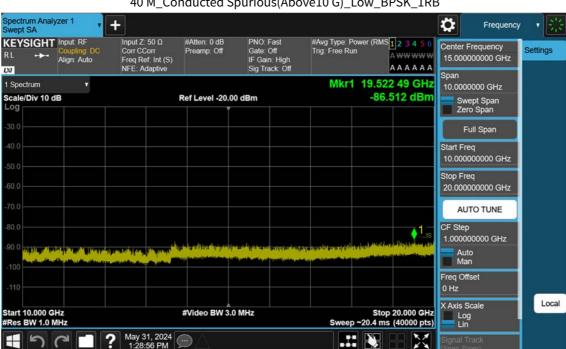




35 M_Conducted Spurious(Above10 G)_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 374 of 426

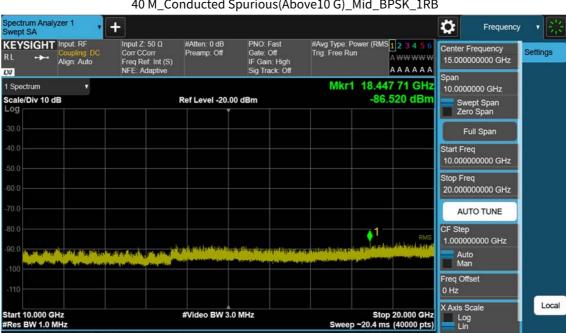




40 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 375 of 426





III 🐺

40 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB

F-TP22-03 (Rev. 06) Page 376 of 426





40 M_Conducted Spurious(Above10 G)_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 377 of 426





5 M_Band Edge_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 378 of 426



ø 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 Res BW Settings R L Align: Auto 51 kHz AAAAAA Auto Man Mkr1 1.850 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -20.305 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man nmmmin. DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.850000 GHz #Res BW 51 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 160 kHz

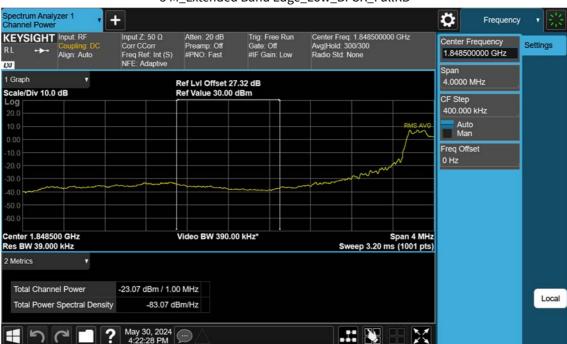
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5 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 379 of 426





5 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 380 of 426



5 M_Band Edge_High_BPSK_1RB ø 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 Res BW Settings R L Align: Auto 30 kHz AAAAAA Auto Man Mkr1 1.915 004 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -28.885 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dl Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz

F-TP22-03 (Rev. 06) Page 381 of 426



ø 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 Res BW Settings R L Align: Auto 51 kHz AAAAAA Auto Man Mkr1 1.915 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -25.212 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dl Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 51 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 160 kHz

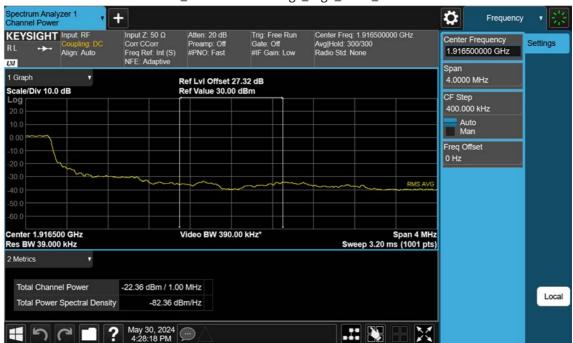
... **...**

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5 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 382 of 426





5 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 383 of 426



10 M_Band Edge_Low_BPSK_1RB



F-TP22-03 (Rev. 06) Page 384 of 426

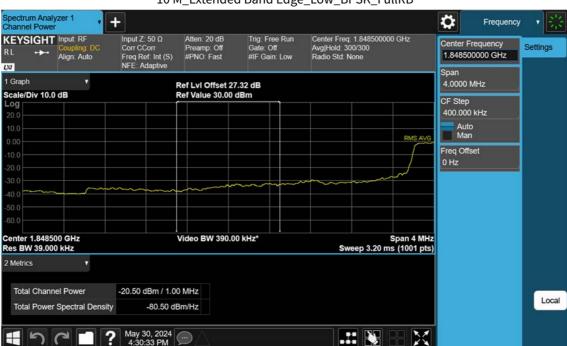


ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Res BW Settings R L Align: Auto 100 kHz AAAAAA Auto Man Mkr1 1.849 992 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -24.524 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.850000 GHz #Res BW 100 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 300 kHz ? May 30, 2024 4:30:23 PM ... **...**

10 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 385 of 426





10 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 386 of 426



10 M_Band Edge_High_BPSK_1RB



F-TP22-03 (Rev. 06) Page 387 of 426



ø 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 Res BW Settings R L Align: Auto 100 kHz AAAAAA Auto Man Mkr1 1.915 004 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -28.248 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 100 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 300 kHz

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10 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 388 of 426





10 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 389 of 426

-3 dB (Normal)

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

Local



Center 1.850000 GHz #Res BW 30 kHz

ø 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 Res BW Settings R L Align: Auto 30 kHz AAAAAA Auto Man Mkr1 1.849 448 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -35.710 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW

#Video BW 100 kHz

? May 30, 2024 4:38:15 PM

15 M_Band Edge_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 390 of 426



ø 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 Res BW Settings R L Align: Auto 150 kHz AAAAAA Auto Man Mkr1 1.850 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -25.536 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.850000 GHz #Res BW 150 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 470 kHz

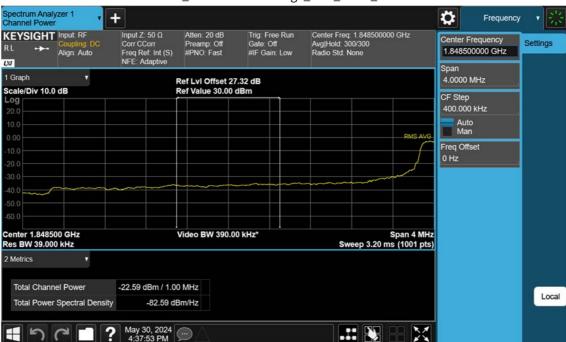
... **...**

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15 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 391 of 426





15 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 392 of 426



15 M_Band Edge_High_BPSK_1RB



F-TP22-03 (Rev. 06) Page 393 of 426



ø 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 Res BW Settings R L Align: Auto 150 kHz AAAAAA Auto Man Mkr1 1.915 008 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -30.898 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dl Span:3 dB RBW 106 1 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 150 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 470 kHz

... **...**

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15 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 394 of 426





15 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 395 of 426



20 M_Band Edge_Low_BPSK_1RB



F-TP22-03 (Rev. 06) Page 396 of 426

RBW Filter BW -3 dB (Normal)

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

... **...**

Local



Center 1.850000 GHz #Res BW 200 kHz

ø 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 Res BW Settings R L Align: Auto 200 kHz AAAAAA Auto Man Mkr1 1.849 980 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -26.838 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1-13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian

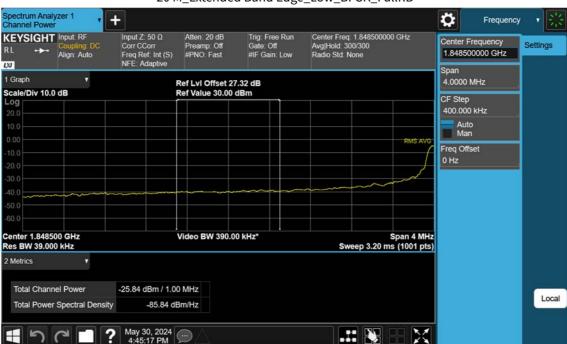
#Video BW 620 kHz

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20 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 397 of 426





20 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 398 of 426



ø 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 Res BW Settings R L Align: Auto 30 kHz AAAAAA Auto Man Mkr1 1.915 368 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -41.424 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz

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20 M_Band Edge_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 399 of 426



20 M_Band Edge_High_BPSK_FullRB ø 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 Res BW Settings R L Align: Auto 200 kHz AAAAAA Auto Man Mkr1 1.915 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -27.465 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dl Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 200 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 620 kHz

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F-TP22-03 (Rev. 06) Page 400 of 426





20 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 401 of 426



25 M_Band Edge_Low_BPSK_1RB



F-TP22-03 (Rev. 06) Page 402 of 426



ø 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 Res BW Settings R L Align: Auto 270 kHz AAAAAA Auto Man Mkr1 1.850 000 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -25.197 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.850000 GHz #Res BW 270 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 910 kHz

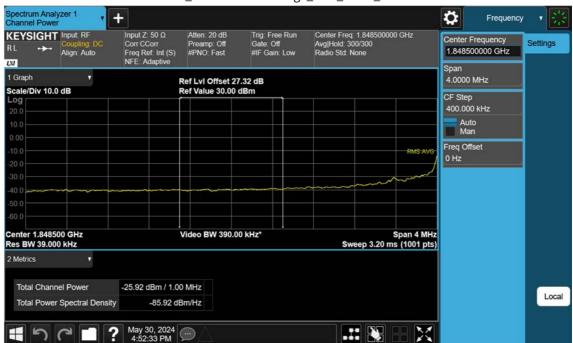
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25 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 403 of 426





25 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 404 of 426



ø 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 Res BW Settings R L Align: Auto 30 kHz AAAAAA Auto Man Mkr1 1.915 312 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -41.590 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dE Span:3 dB RBW 106 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz

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25 M_Band Edge_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 405 of 426

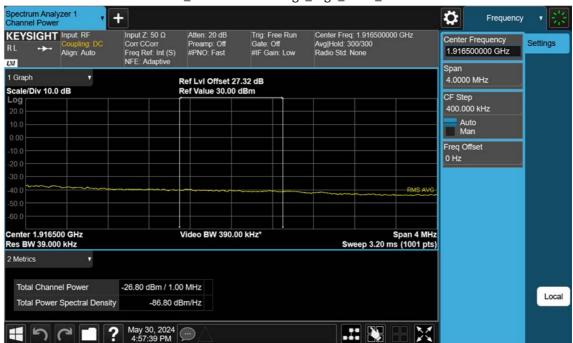


ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Res BW Settings R L Align: Auto 270 kHz AAAAAA Auto Man Mkr1 1.915 056 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -29.602 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dl Span:3 dB RBW 106 **∑**1 Auto Man RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 270 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 910 kHz ? May 30, 2024 4:57:30 PM ... **...**

25 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 406 of 426





25 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 407 of 426



30 M_Band Edge_Low_BPSK_1RB



F-TP22-03 (Rev. 06) Page 408 of 426

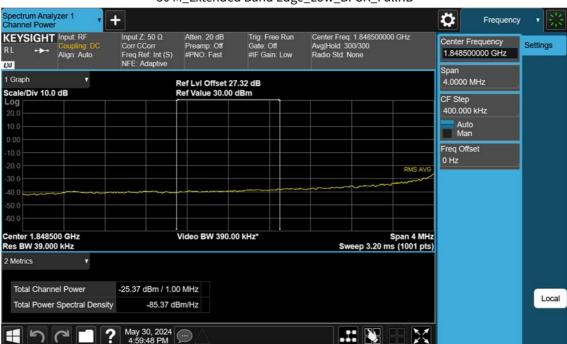


30 M_Band Edge_Low_BPSK_FullRB



F-TP22-03 (Rev. 06) Page 409 of 426





30 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 410 of 426



ø 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 Res BW Settings R L Align: Auto 30 kHz AAAAAA Auto Man Mkr1 1.915 172 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -41.103 dBm Video BW Scale/Div 10 dB Auto Man VBW:3 dB RBW Auto Man DL1 -13.00 dl Span:3 dB RBW 106 Auto Man **∮**1 RBW Filter Type Gaussian RBW Filter BW -3 dB (Normal) Local Center 1.915000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz ? May 30, 2024 5:05:20 PM

30 M_Band Edge_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 411 of 426

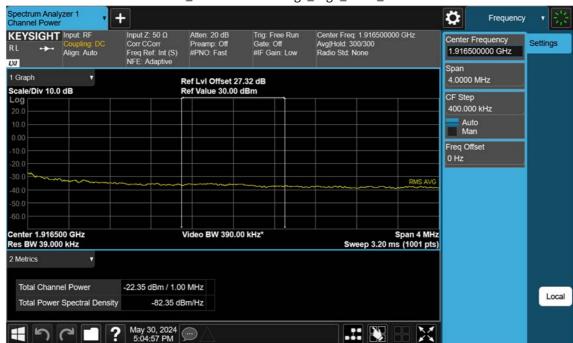




30 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 412 of 426





30 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 413 of 426



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 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 992 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -39.855 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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35 M_Band Edge_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 414 of 426

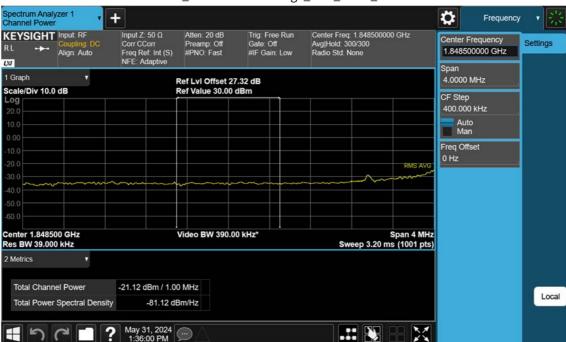


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.850 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -20.435 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

35 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 415 of 426





35 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 416 of 426





35 M_Band Edge_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 417 of 426

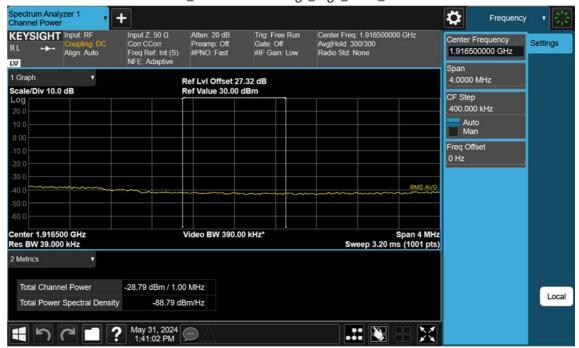


ø Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS 1 2 3 4 5 6 Trig. Free Run KEYSIGHT Input RF #Atten: 20 dB Preamp: Off Center Frequency Settings Align: Auto 1.915000000 GHz AAAAAA ĻΧI Mkr1 1.915 020 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -27.887 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.913000000 GHz Stop Freq 1.917000000 GHz DL1-13.00 dB 1 AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.915000 GHz #Res BW 430 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 1.3 MHz Log Lin III 🐺

35 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 418 of 426





35 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 419 of 426



Center 1.850000 GHz #Res BW 30 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 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.850 000 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -39.805 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

#Video BW 100 kHz

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

III 🐺

Log Lin

40 M_Band Edge_Low_BPSK_1RB

F-TP22-03 (Rev. 06) Page 420 of 426



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 1.850000000 GHz AAAAAA ĻΧI Mkr1 1.849 996 GHz 1 Spectrum 4.00000000 MHz Ref LvI Offset 27.32 dB Ref Level 27.32 dBm -21.177 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

? May 31, 2024

40 M_Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 421 of 426





40 M_Extended Band Edge_Low_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 422 of 426



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 1.915000000 GHz AAAAAA ĻΧI Mkr1 1.915 008 GHz 1 Spectrum Ref LvI Offset 27.32 dB Ref Level 27.32 dBm 4.00000000 MHz -39.373 dBm Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 1.913000000 GHz Stop Freq 1.917000000 GHz DL1-13.00 dB AUTO TUNE 400.000 kHz Auto Man Freq Offset 0 Hz Local X Axis Scale Center 1.915000 GHz #Res BW 30 kHz Span 4.000 MHz #Sweep ~1.01 s (1001 pts) #Video BW 100 kHz Log Lin

III 🐺

? May 31, 2024

40 M_Band Edge_High_BPSK_1RB

F-TP22-03 (Rev. 06) Page 423 of 426

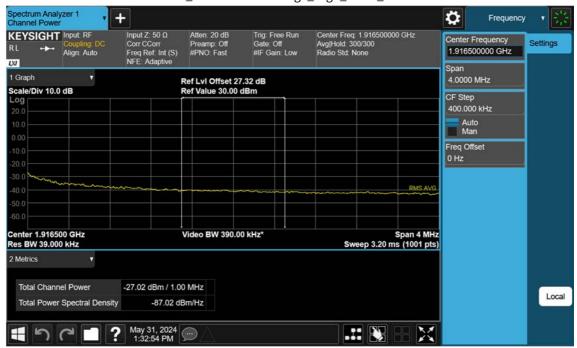




40 M_Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 424 of 426





40 M_Extended Band Edge_High_BPSK_FullRB

F-TP22-03 (Rev. 06) Page 425 of 426



12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2407-FC037-P

F-TP22-03 (Rev. 06) Page 426 of 426