Effective (Isotropic) Radiated Output Power Data

Band 255 SCS 15kHz					
Modulation	Frequency(MHz)	Ntones	Conducted Power(dBm)	Antenna Gain(dBi)	EIRP (dBm)
QPSK	1626.6	12@0	20.47	4	24.47
QPSK		1@0	21.15	4	25.15
QPSK		1@11	21.62	4	25.62
BPSK		1@0	20.83	4	24.83
BPSK		1@11	21.64	4	25.64
QPSK	1643.5	12@0	21.24	4	25.24
QPSK		1@0	21.03	4	25.03
QPSK		1@11	21.24	4	25.24
BPSK		1@0	21.34	4	25.34
BPSK		1@11	21.57	4	25.57
QPSK	1660.4	12@0	21.03	4	25.03
QPSK		1@0	21.24	4	25.24
QPSK		1@11	21.02	4	25.02
BPSK		1@0	21.73	4	25.73
BPSK		1@11	21.53	4	25.53

Band 255 SCS 3.75kHz					
Modulation	Frequency(MHz)	Ntones	Conducted Power(dBm)	Antenna Gain(dBi)	EIRP (dBm)
QPSK	1626.6	1@0	21.28	4	25.28
QPSK		1@47	21.20	4	25.20
BPSK		1@0	21.33	4	25.33
BPSK		1@47	21.36	4	25.36
QPSK	1643.5	1@0	21.47	4	25.47
QPSK		1@47	21.05	4	25.05
BPSK		1@0	21.36	4	25.36
BPSK		1@47	21.47	4	25.47
QPSK	1660.4	1@0	21.17	4	25.17
QPSK		1@47	21.06	4	25.06
BPSK		1@0	21.02	4	25.02
BPSK		1@47	21.67	4	25.67

99% & 26dB Bandwidth

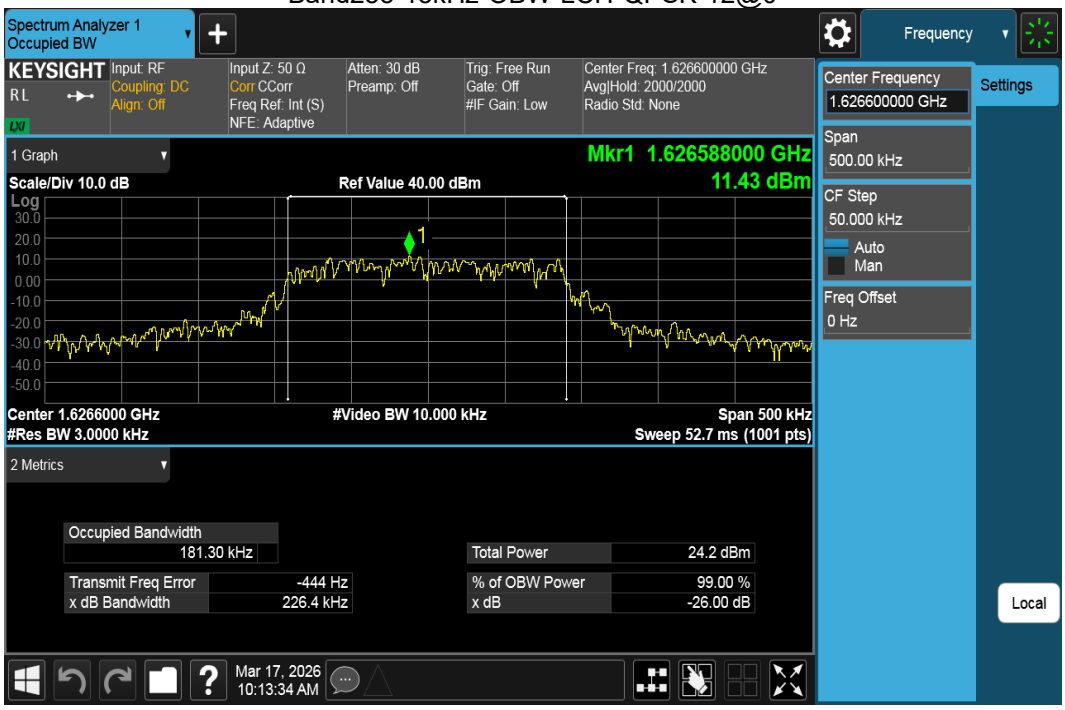
Test Result

Band 255 SCS 15kHz						
Modulation	CH	N_{tones} Allocation	99% Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit (kHz)	Verdict
QPSK	Low CH	12@0	181.30	226.4	/	Pass
QPSK		1@0	84.530	98.03	/	Pass
QPSK		1@11	86.598	92.73	/	Pass
BPSK		1@0	90.082	108.0	/	Pass
BPSK		1@11	85.803	92.67	/	Pass
QPSK	Middle CH	12@0	183.34	235.7	/	Pass
QPSK		1@0	85.557	92.92	/	Pass
QPSK		1@11	81.810	92.62	/	Pass
BPSK		1@0	89.575	101.0	/	Pass
BPSK		1@11	86.742	93.74	/	Pass
QPSK	High CH	12@0	184.44	223.8	/	Pass
QPSK		1@0	86.999	98.71	/	Pass
QPSK		1@11	86.921	110.7	/	Pass
BPSK		1@0	78.934	90.19	/	Pass
BPSK		1@11	84.833	93.96	/	Pass

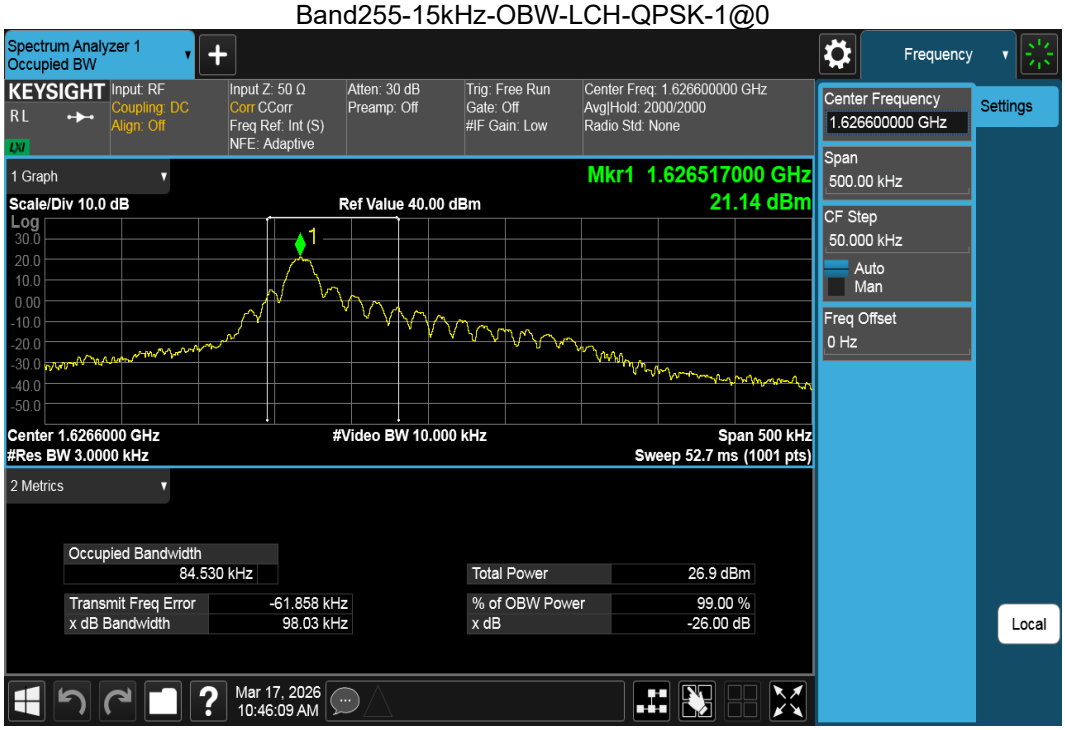
Band 255 SCS 3.75kHz						
Modulation	CH	N_{tones} Allocation	99% Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit (kHz)	Verdict
QPSK	Low CH	1@0	40.469	34.50	/	Pass
QPSK		1@47	41.938	37.67	/	Pass
BPSK		1@0	41.405	35.62	/	Pass
BPSK		1@47	43.583	34.13	/	Pass
QPSK	Middle CH	1@0	42.473	34.13	/	Pass
QPSK		1@47	39.908	34.90	/	Pass
BPSK		1@0	43.611	34.59	/	Pass
BPSK		1@47	42.169	34.04	/	Pass
QPSK	High CH	1@0	43.207	37.32	/	Pass
QPSK		1@47	40.571	34.51	/	Pass
BPSK		1@0	41.134	31.79	/	Pass
BPSK		1@47	47.236	33.73	/	Pass

Test Graph

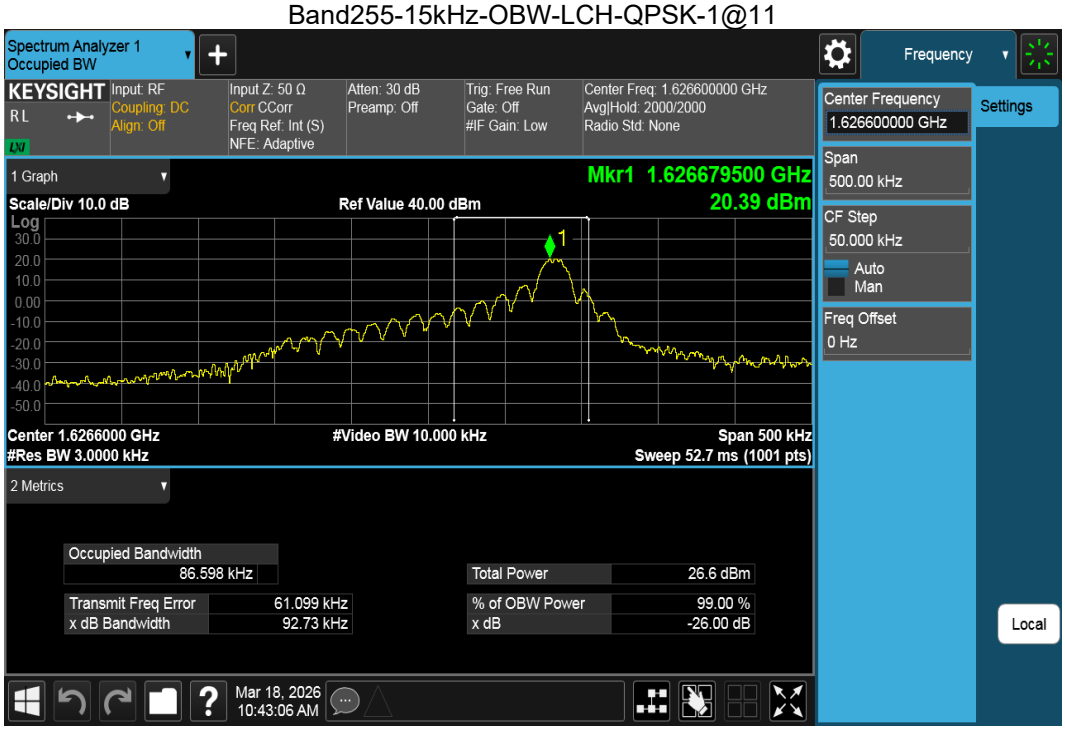
Band255-15kHz-OBW-LCH-QPSK-12@0



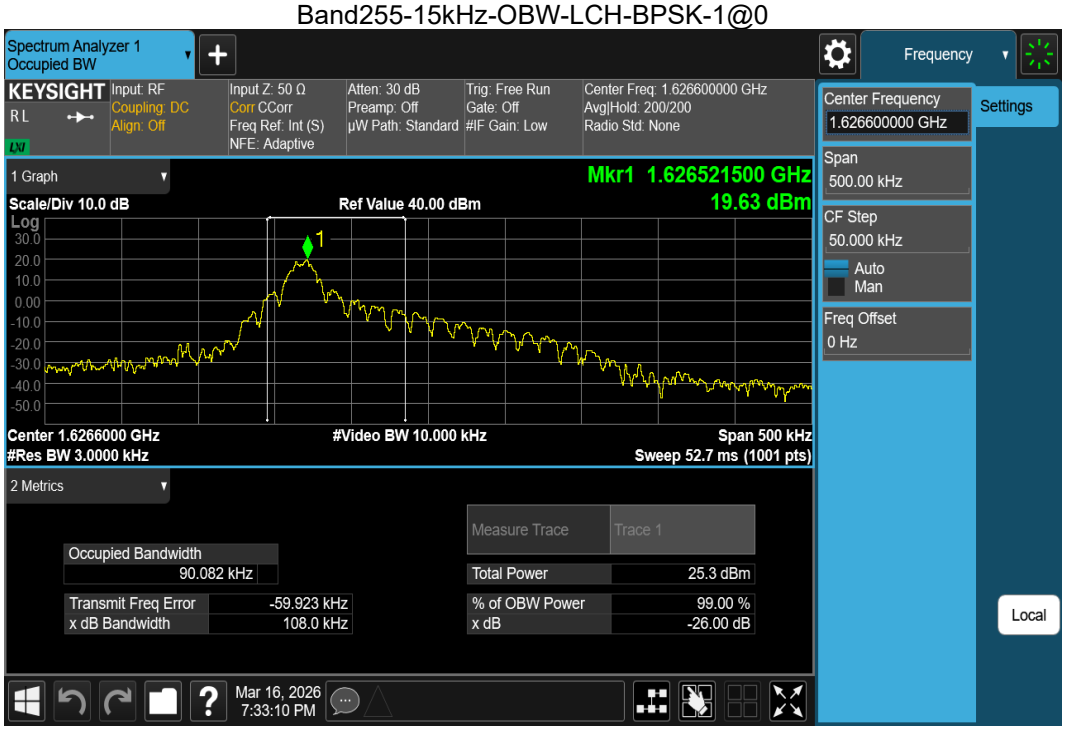
Band255-15kHz-OBW-LCH-QPSK-1@0



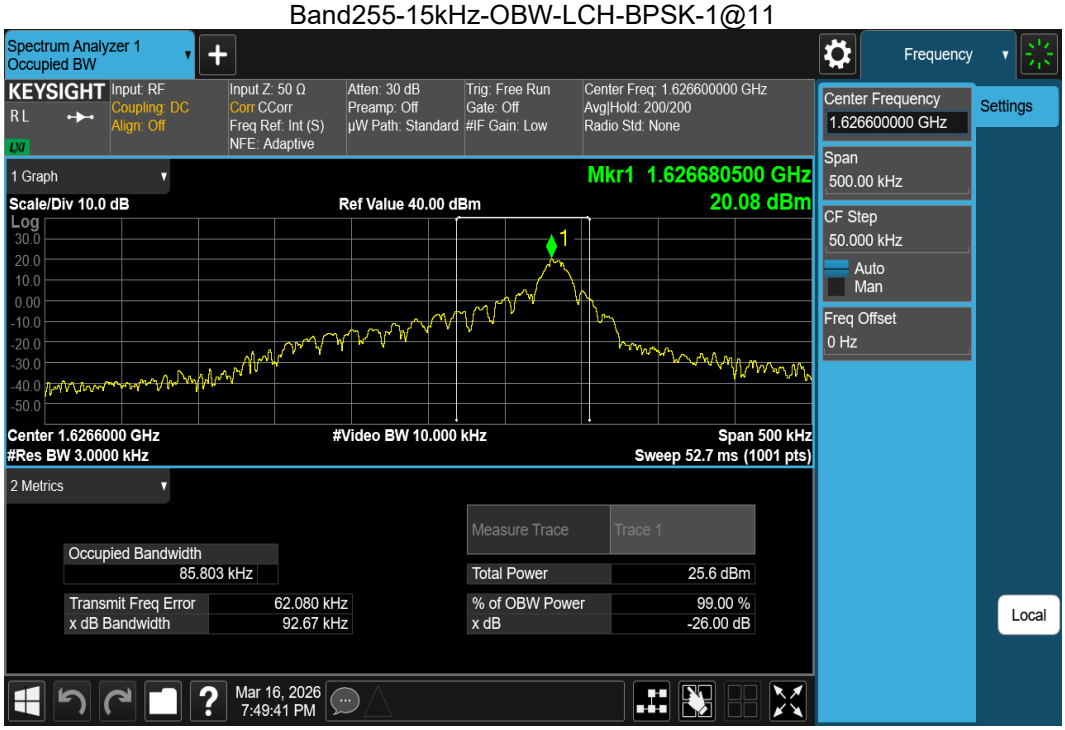
Band255-15kHz-OBW-LCH-QPSK-1@11



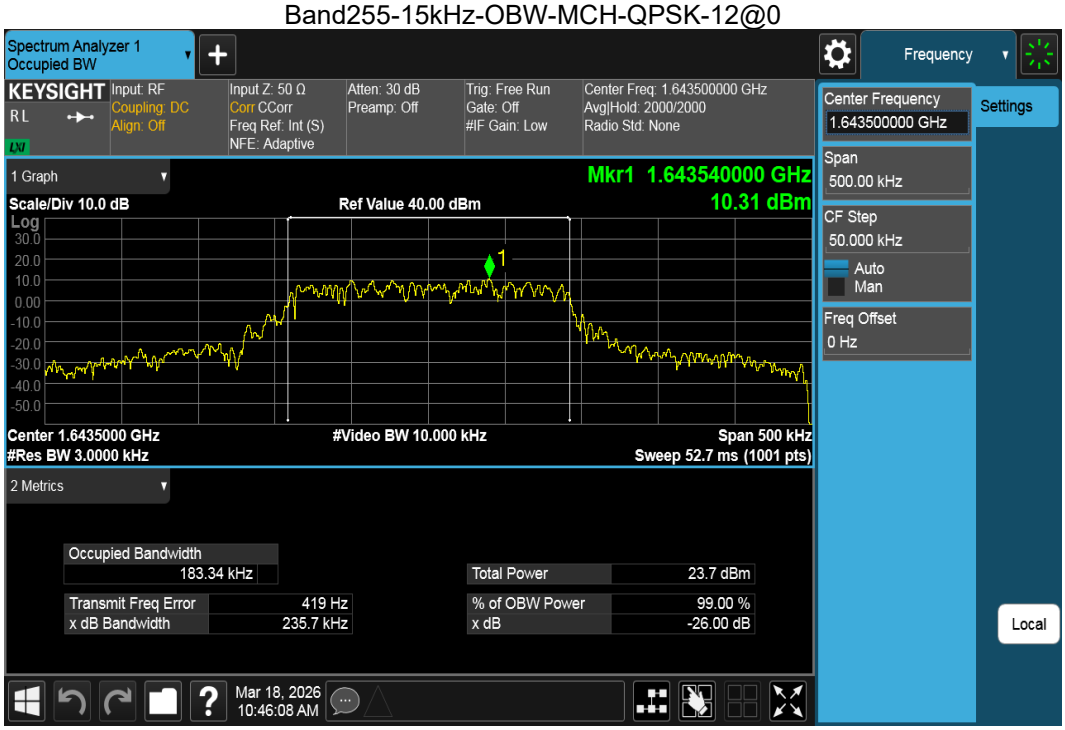
Band255-15kHz-OBW-LCH-BPSK-1@0



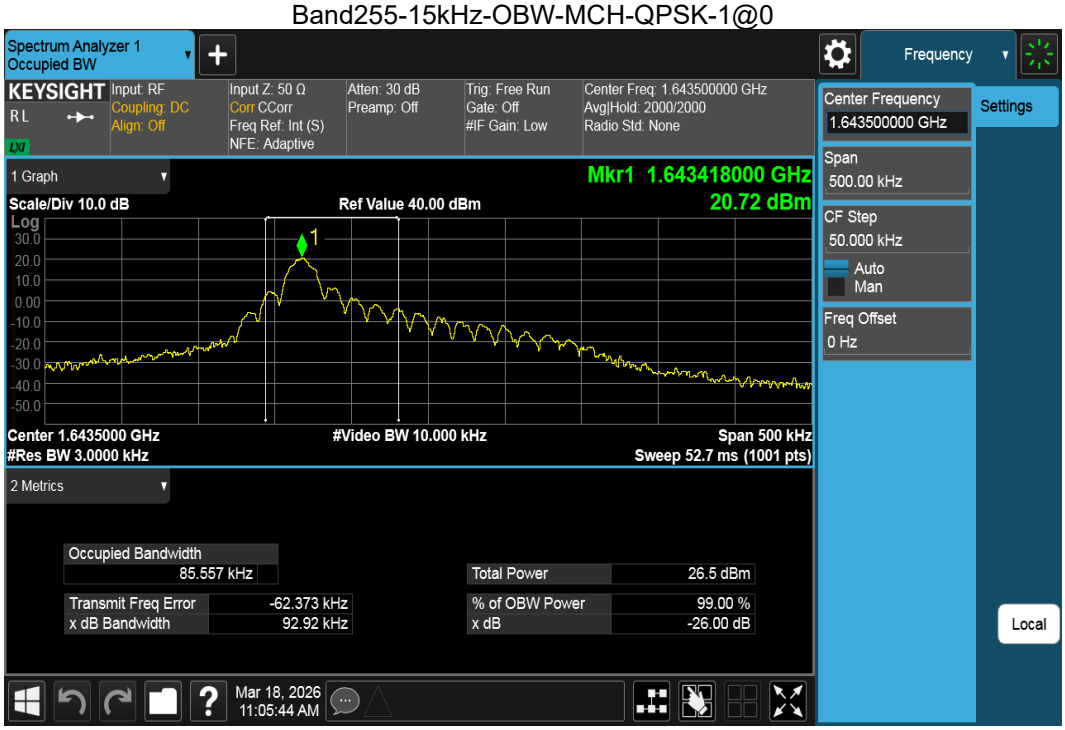
Band255-15kHz-OBW-LCH-BPSK-1@11



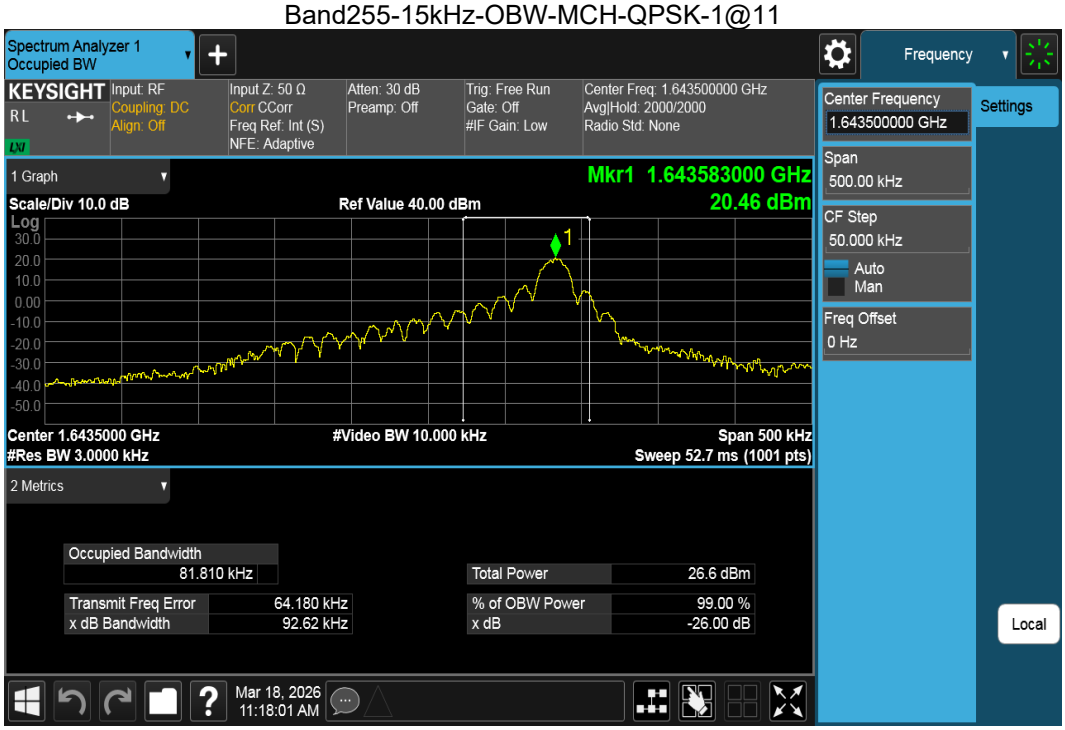
Band255-15kHz-OBW-MCH-QPSK-12@0



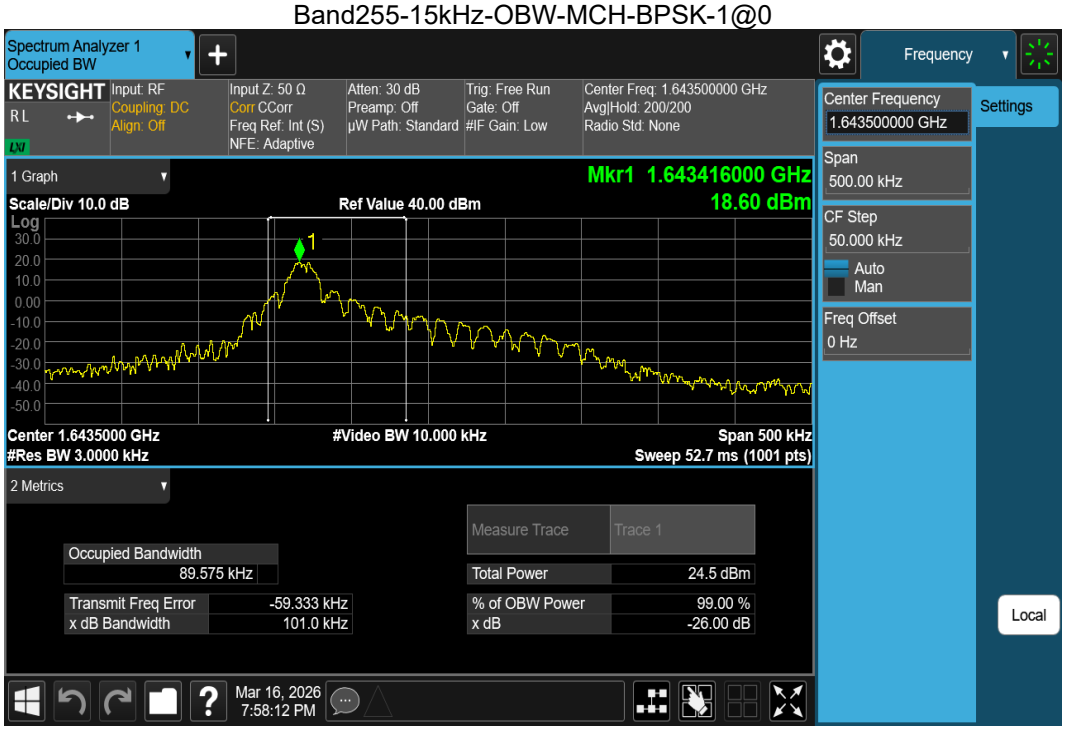
Band255-15kHz-OBW-MCH-QPSK-1@0



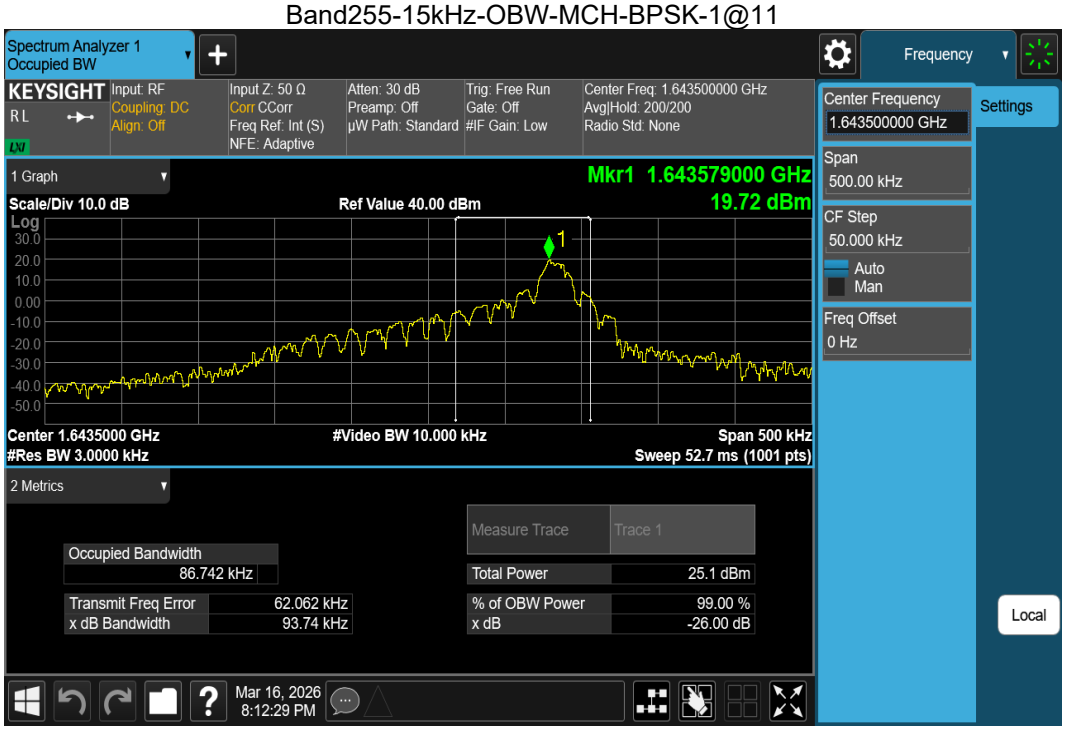
Band255-15kHz-OBW-MCH-QPSK-1@11



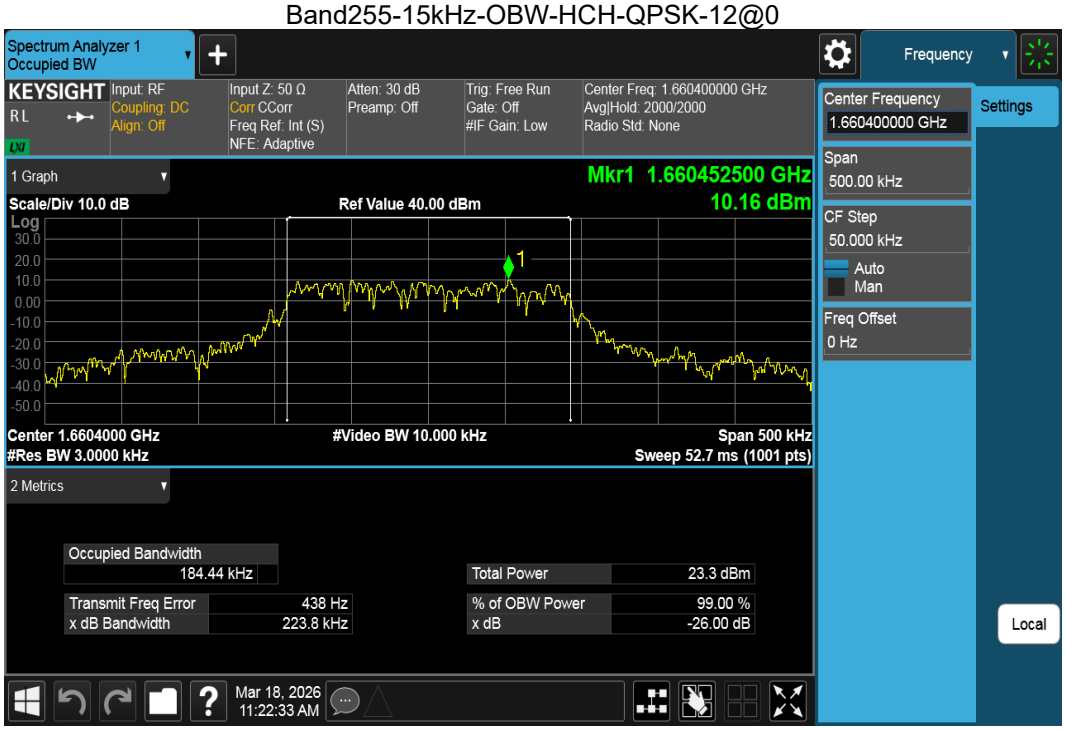
Band255-15kHz-OBW-MCH-BPSK-1@0



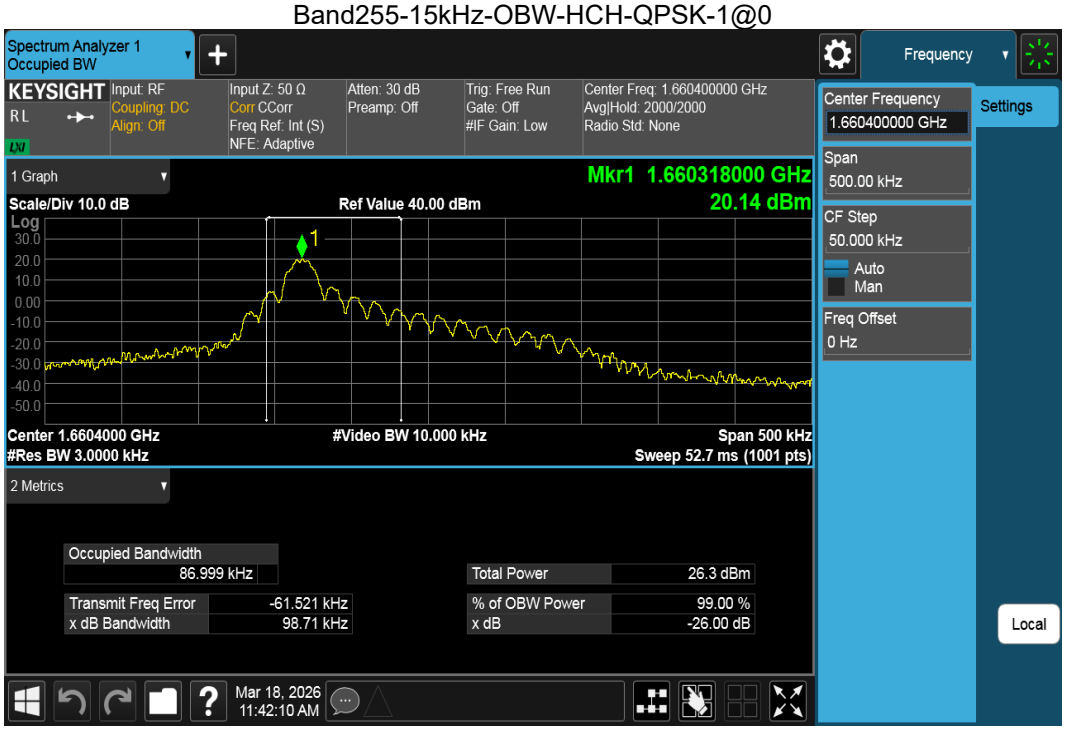
Band255-15kHz-OBW-MCH-BPSK-1@11



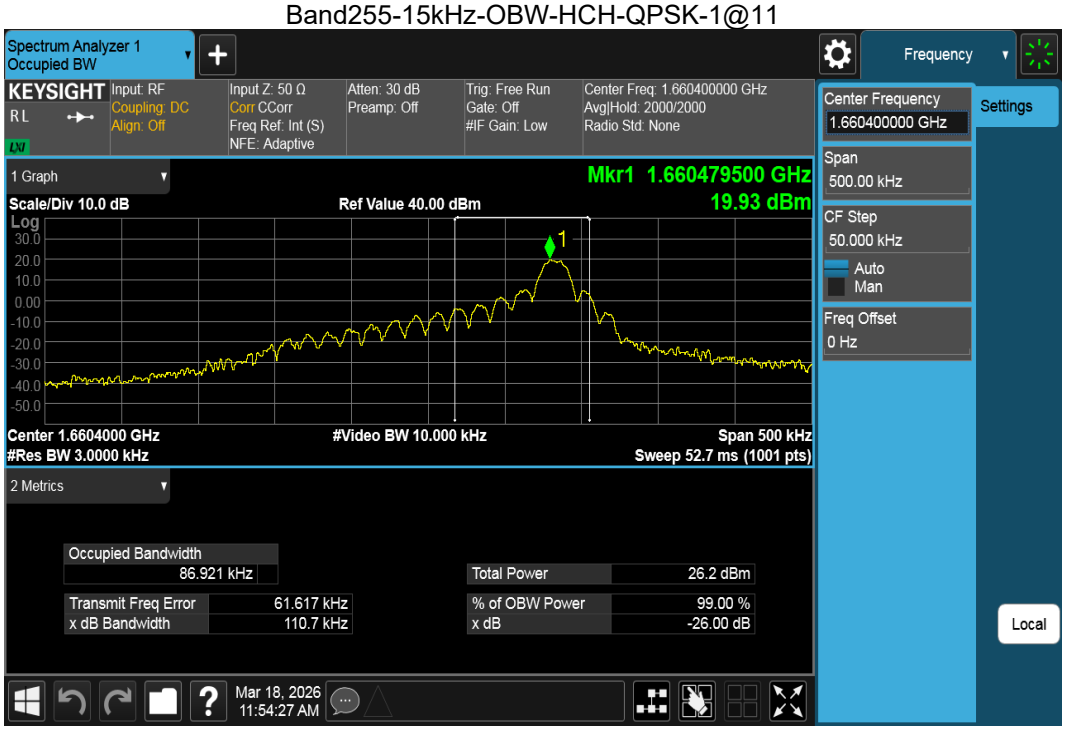
Band255-15kHz-OBW-HCH-QPSK-12@0



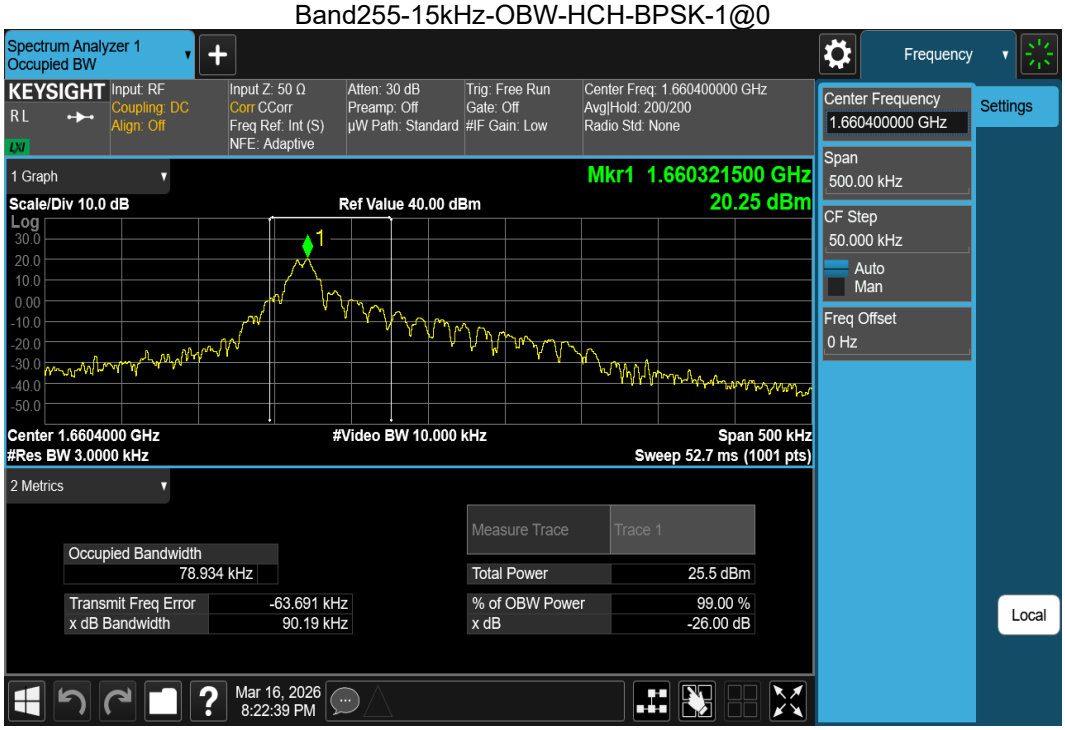
Band255-15kHz-OBW-HCH-QPSK-1@0



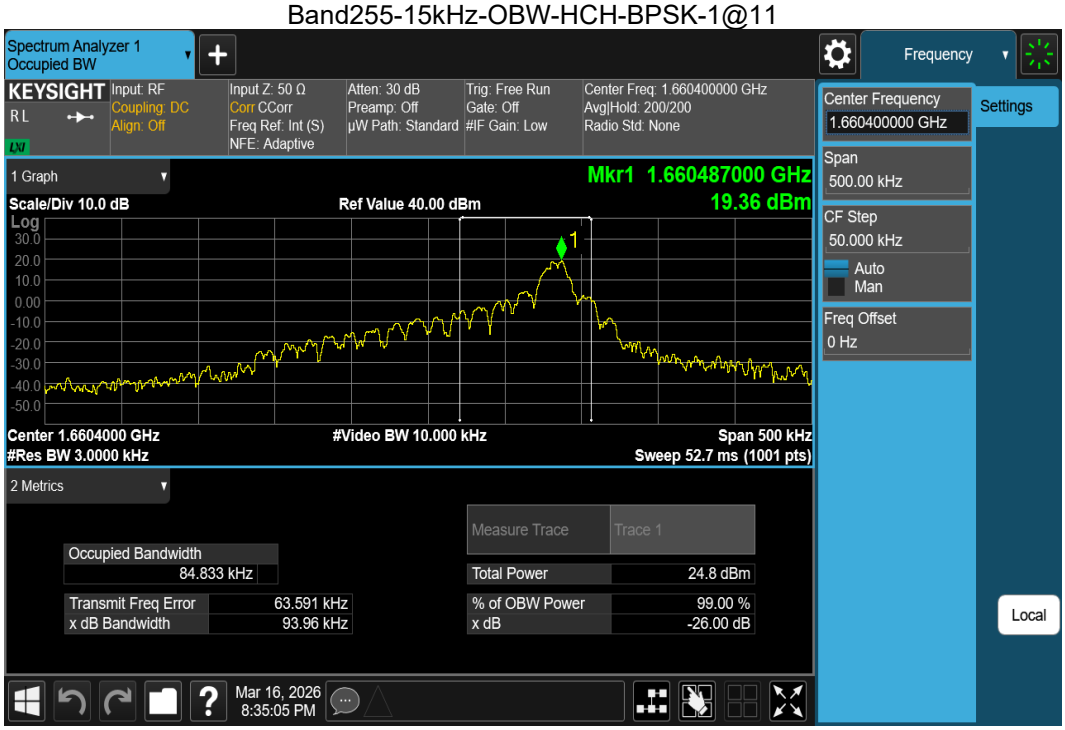
Band255-15kHz-OBW-HCH-QPSK-1@11



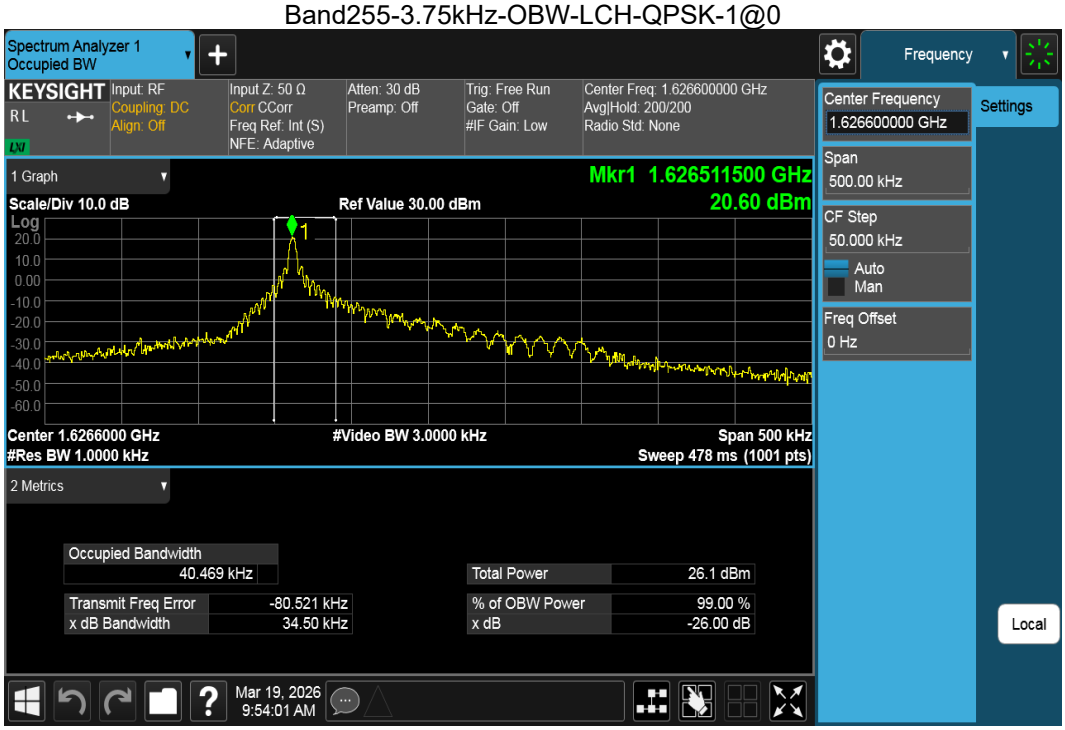
Band255-15kHz-OBW-HCH-BPSK-1@0



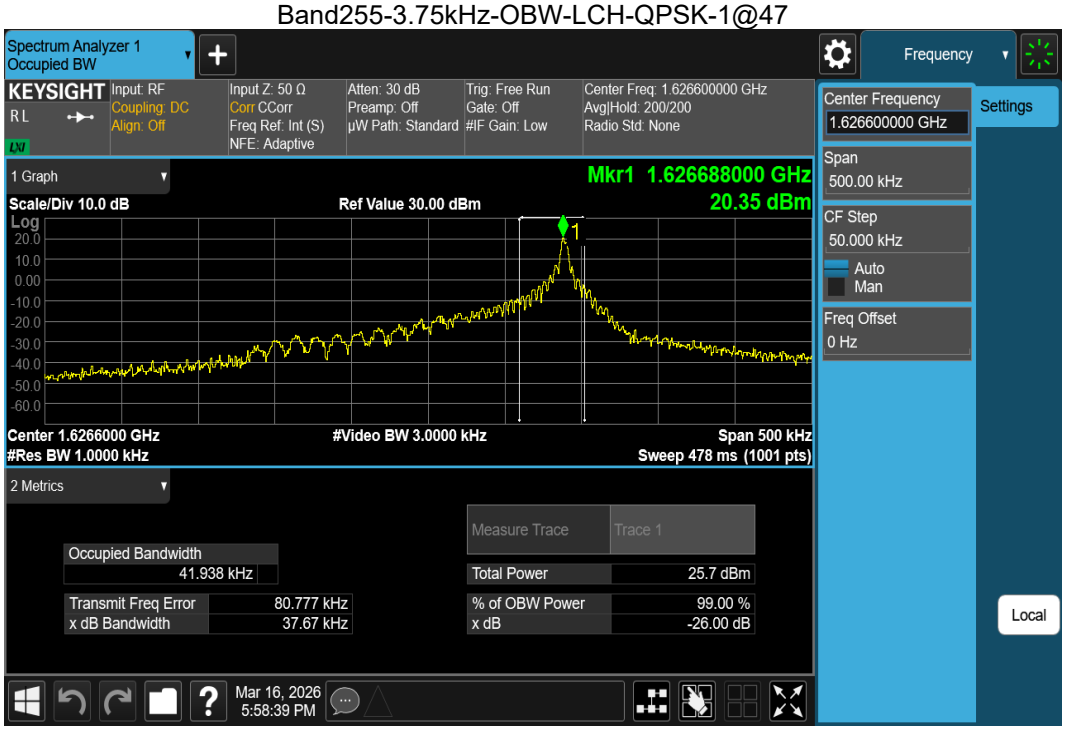
Band255-15kHz-OBW-HCH-BPSK-1@11



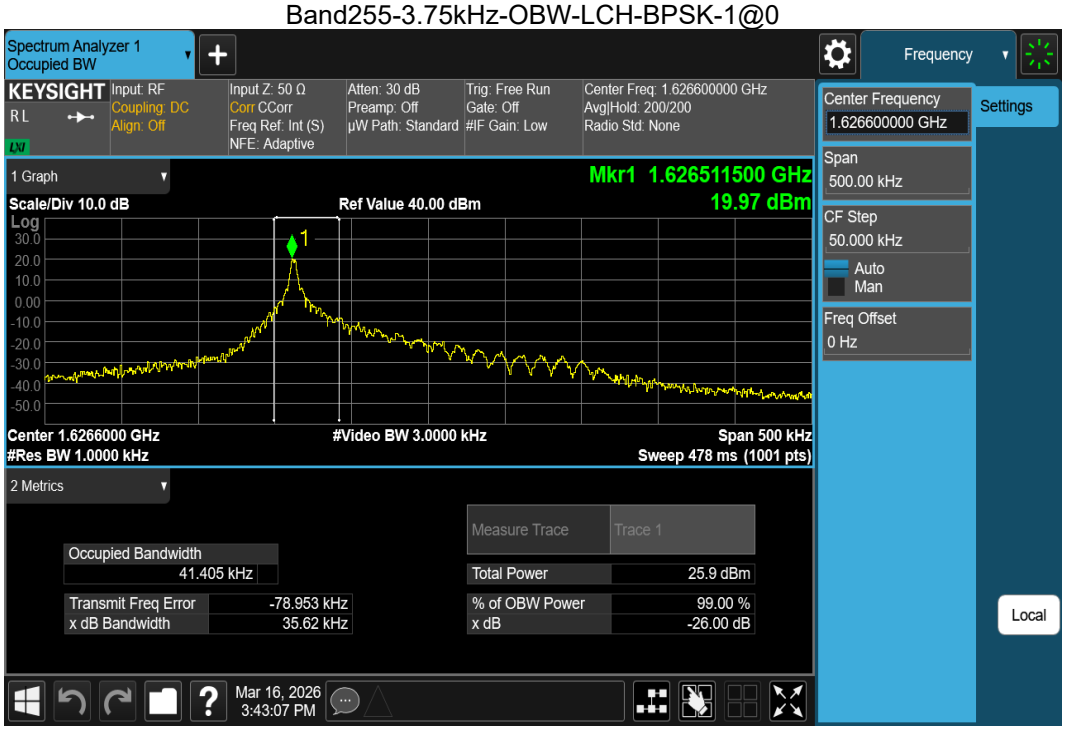
Band255-3.75kHz-OBW-LCH-QPSK-1@0



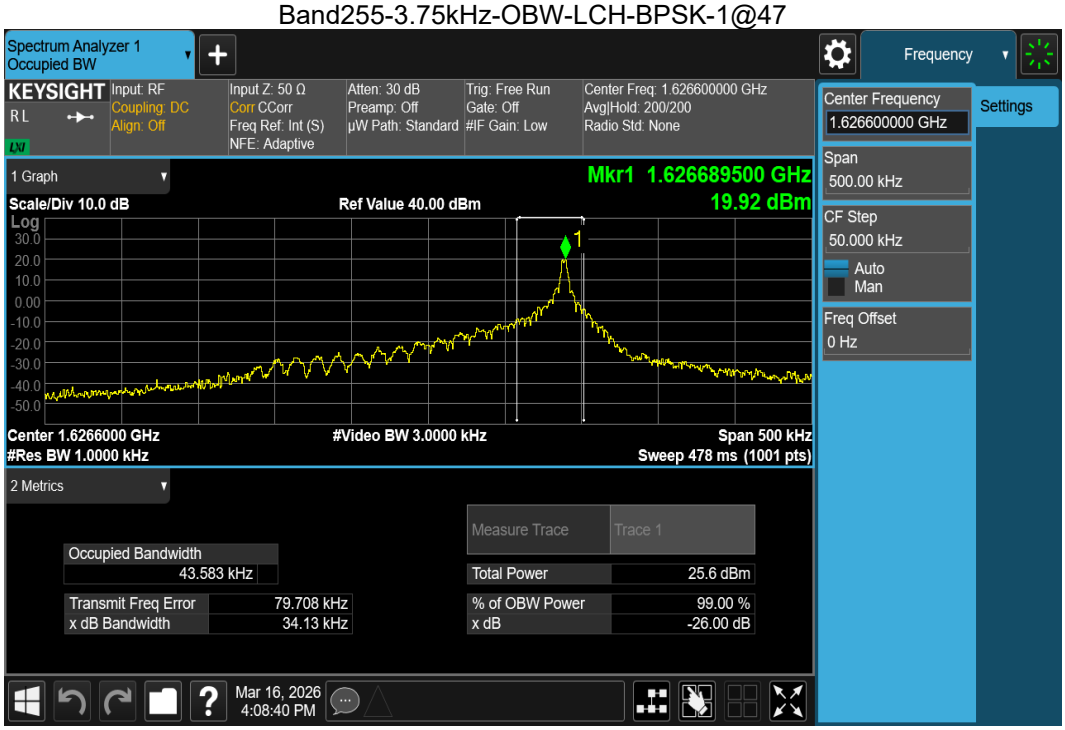
Band255-3.75kHz-OBW-LCH-QPSK-1@47



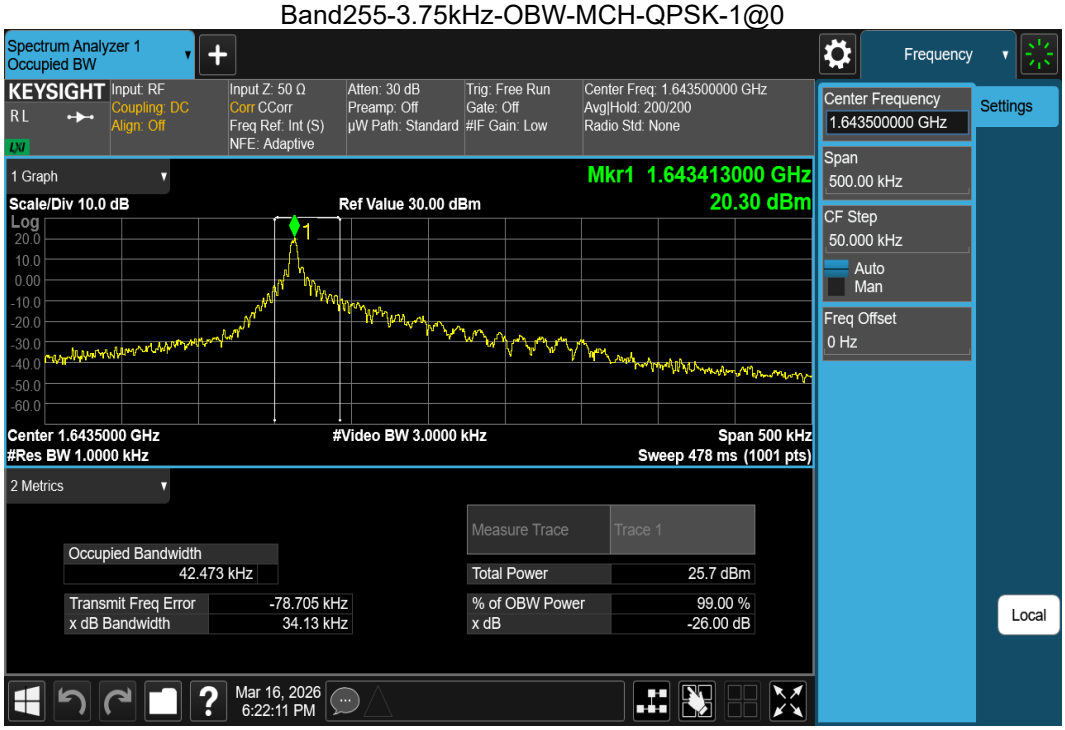
Band255-3.75kHz-OBW-LCH-BPSK-1@0



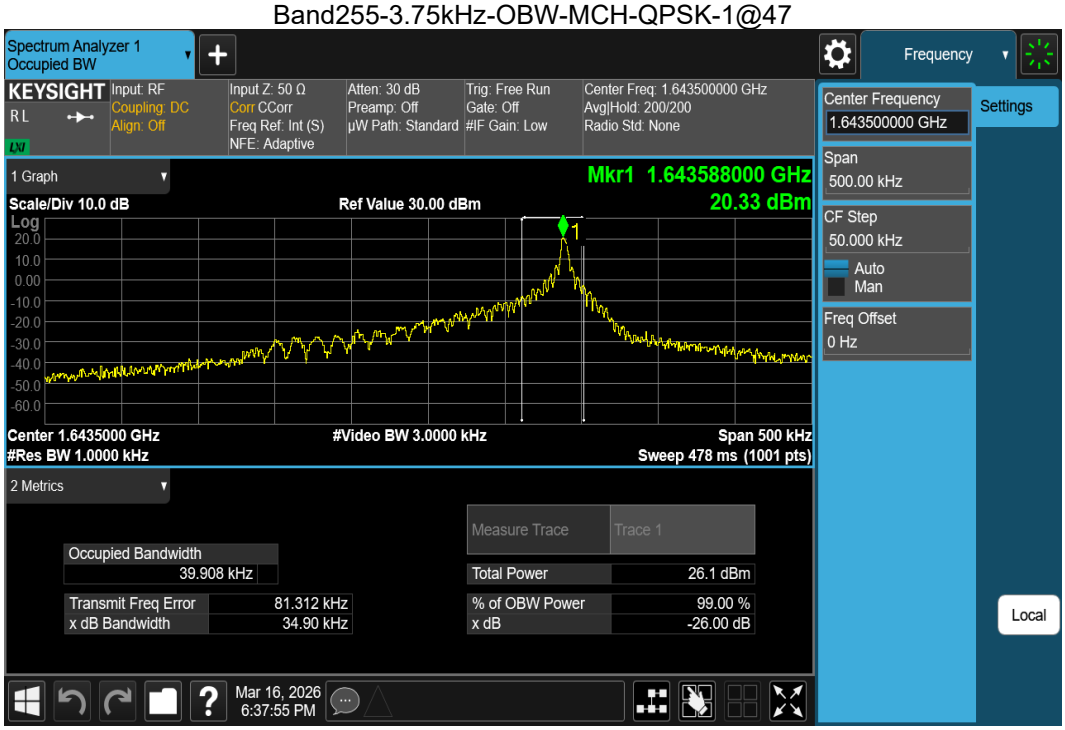
Band255-3.75kHz-OBW-LCH-BPSK-1@47



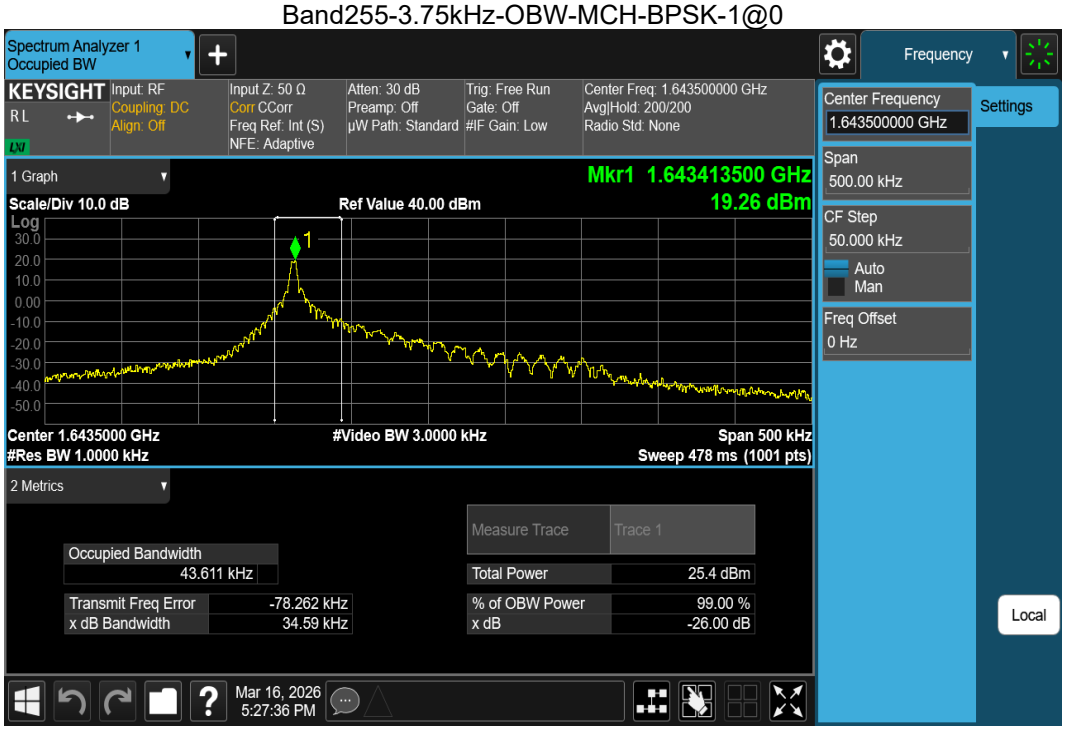
Band255-3.75kHz-OBW-MCH-QPSK-1@0



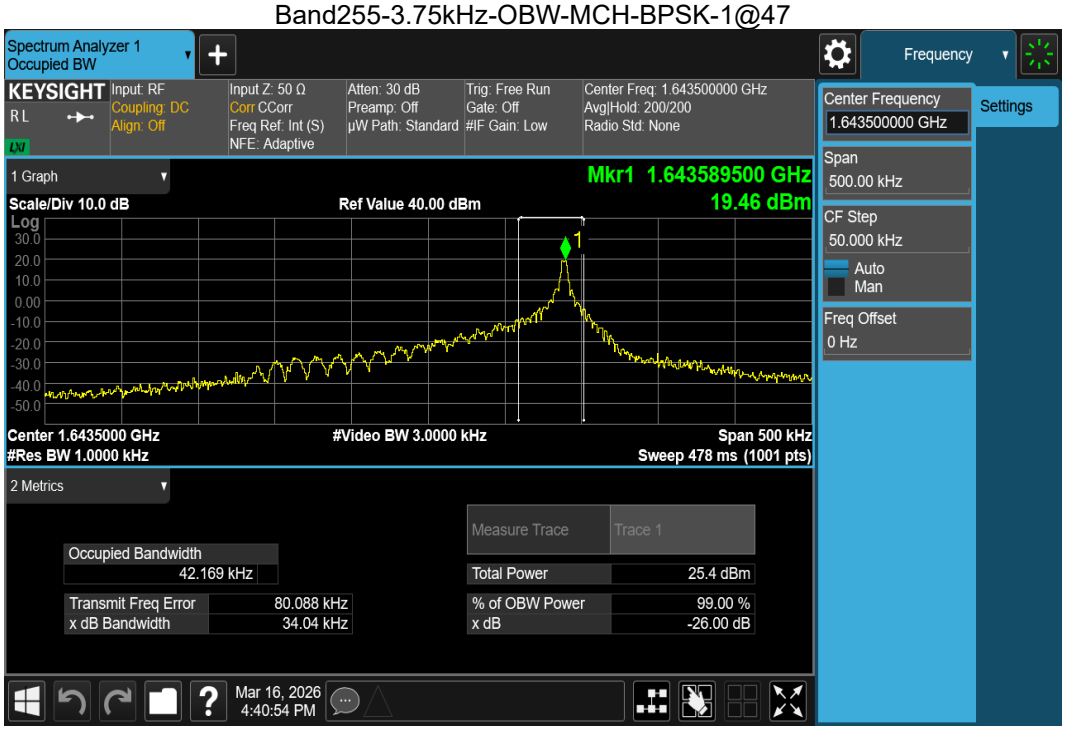
Band255-3.75kHz-OBW-MCH-QPSK-1@47



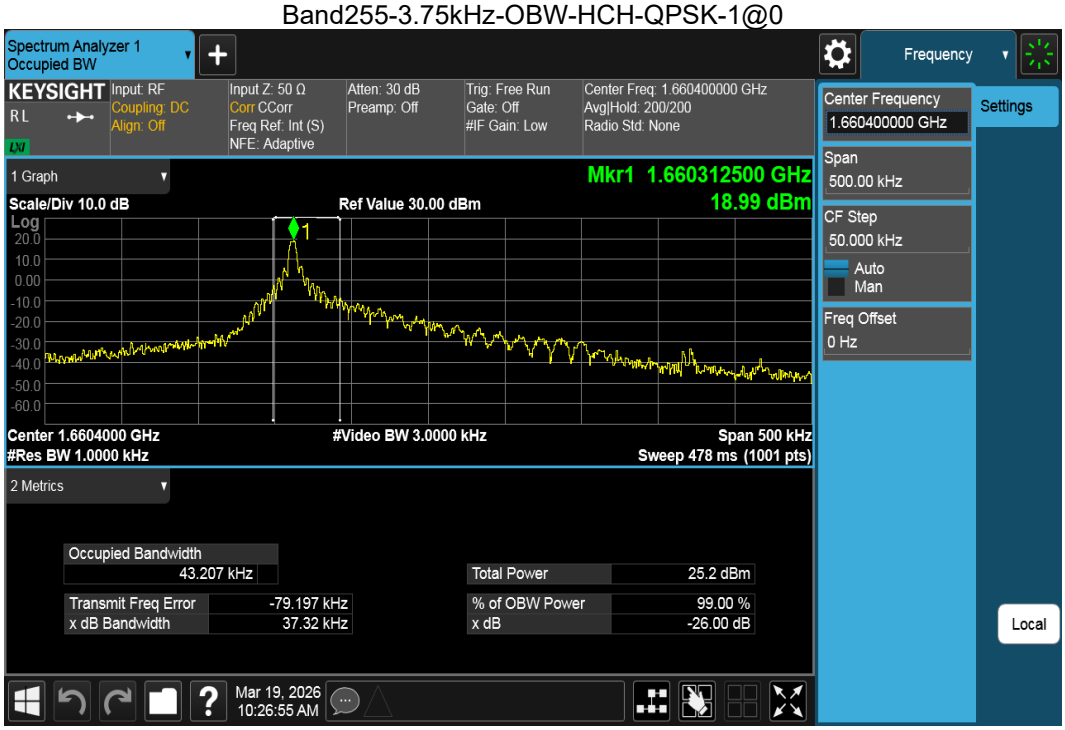
Band255-3.75kHz-OBW-MCH-BPSK-1@0



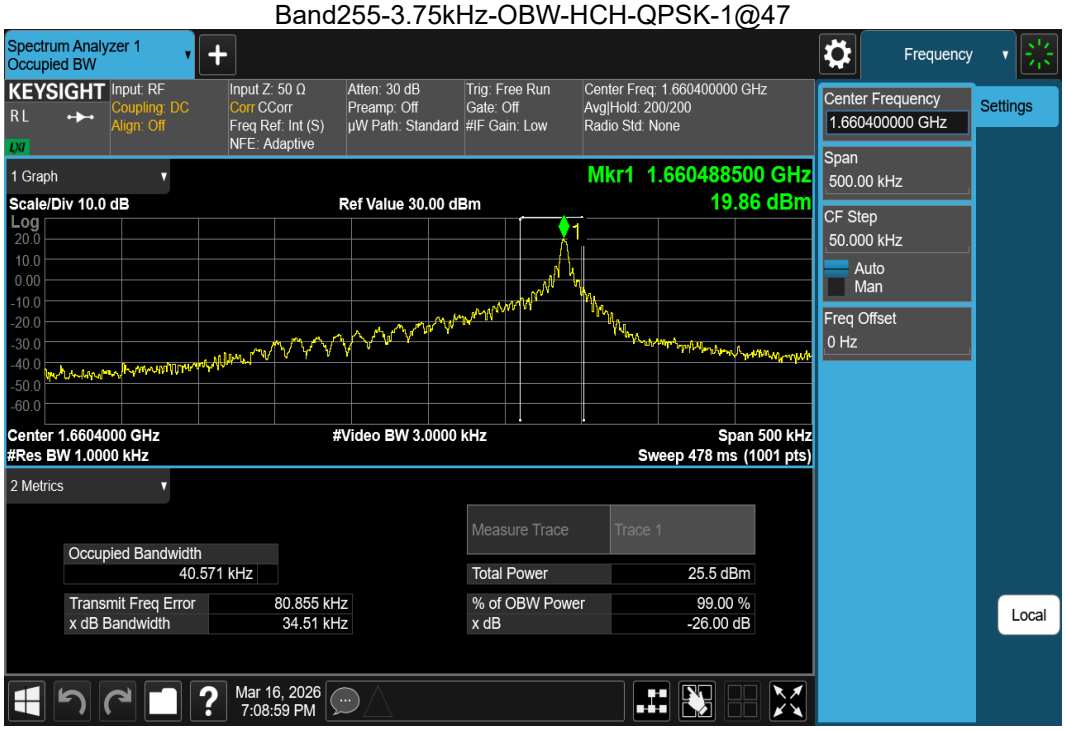
Band255-3.75kHz-OBW-MCH-BPSK-1@47



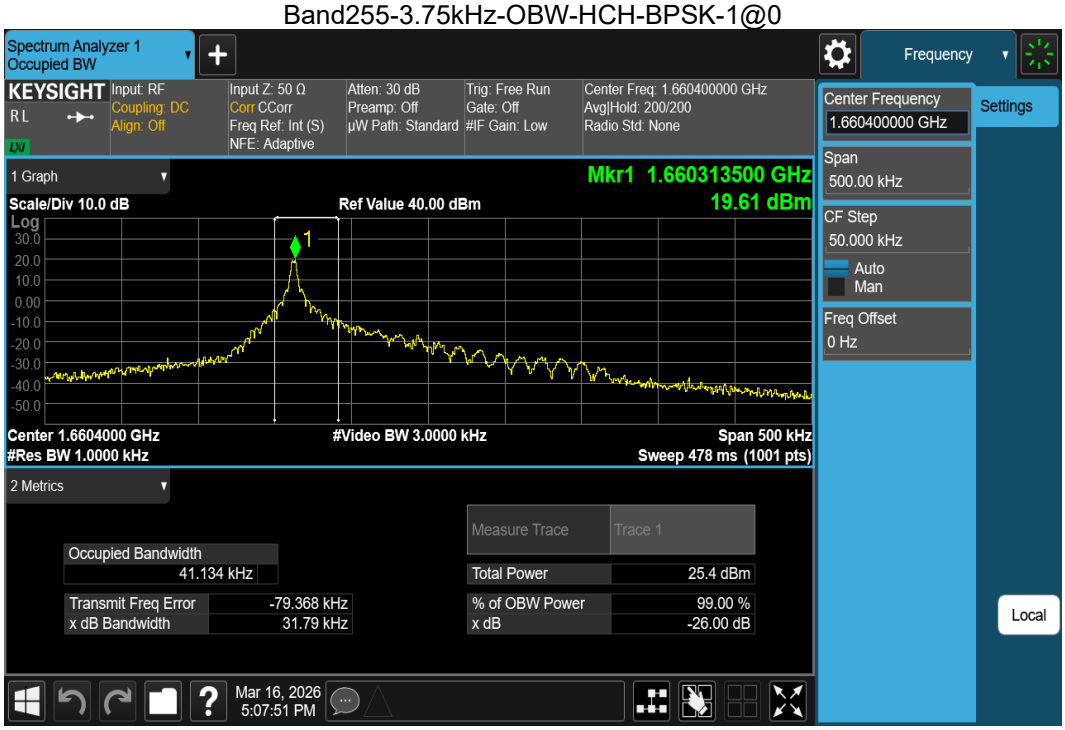
Band255-3.75kHz-OBW-HCH-QPSK-1@0



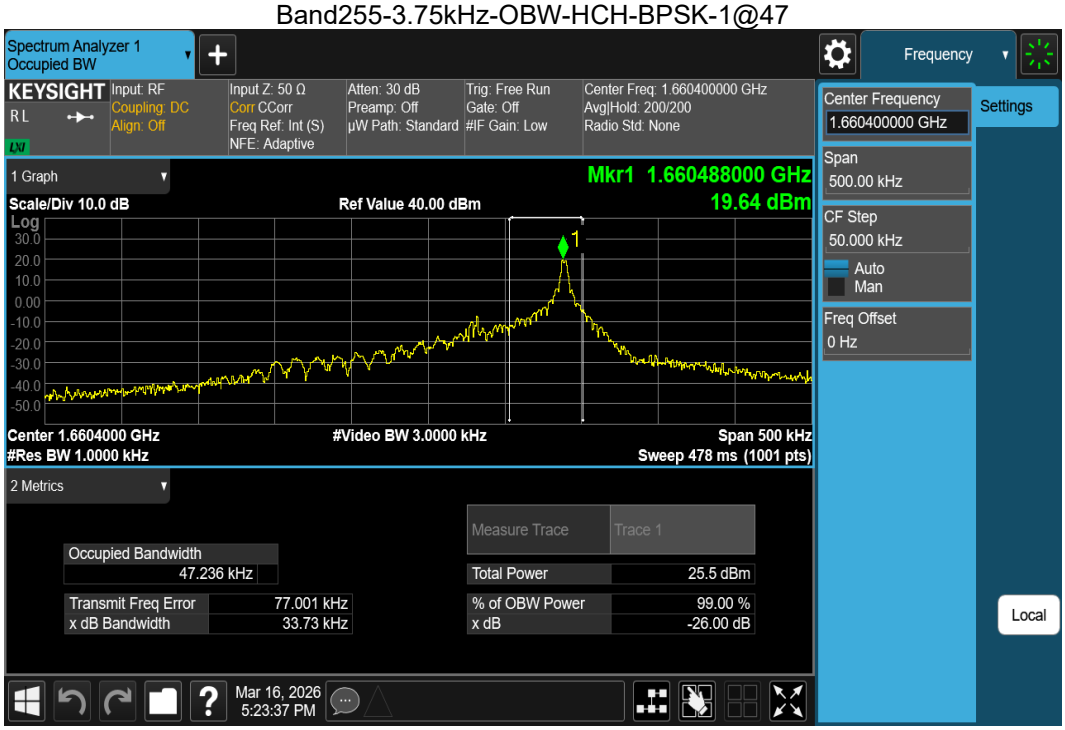
Band255-3.75kHz-OBW-HCH-QPSK-1@47



Band255-3.75kHz-OBW-HCH-BPSK-1@0

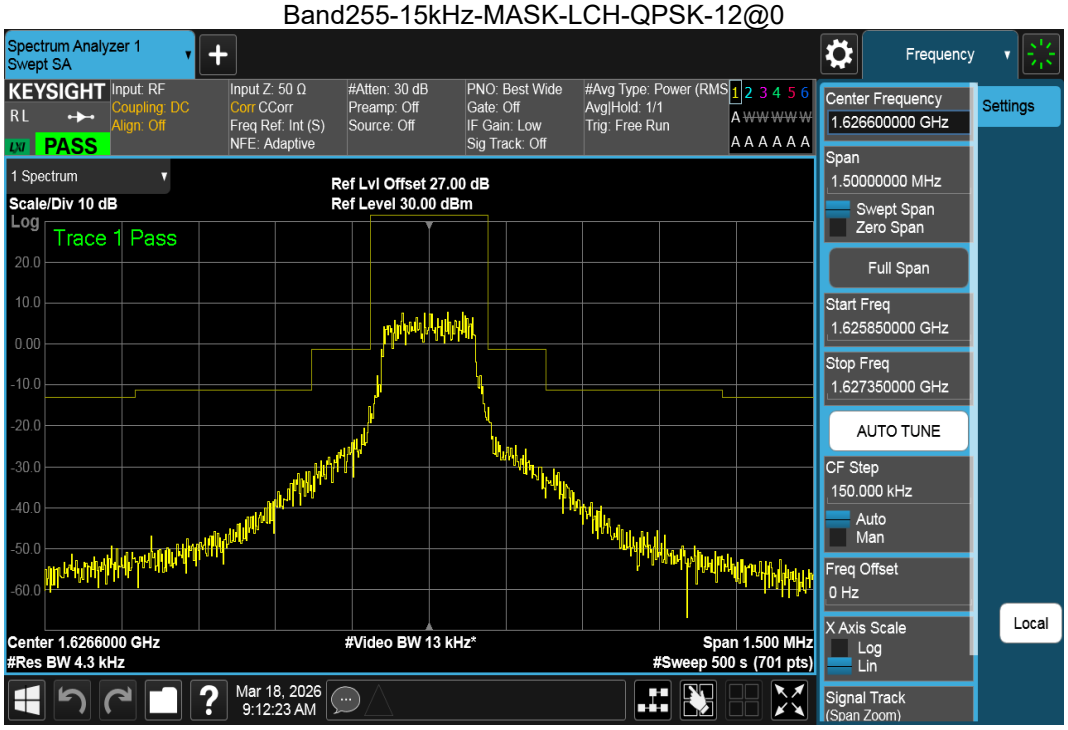


Band255-3.75kHz-OBW-HCH-BPSK-1@47

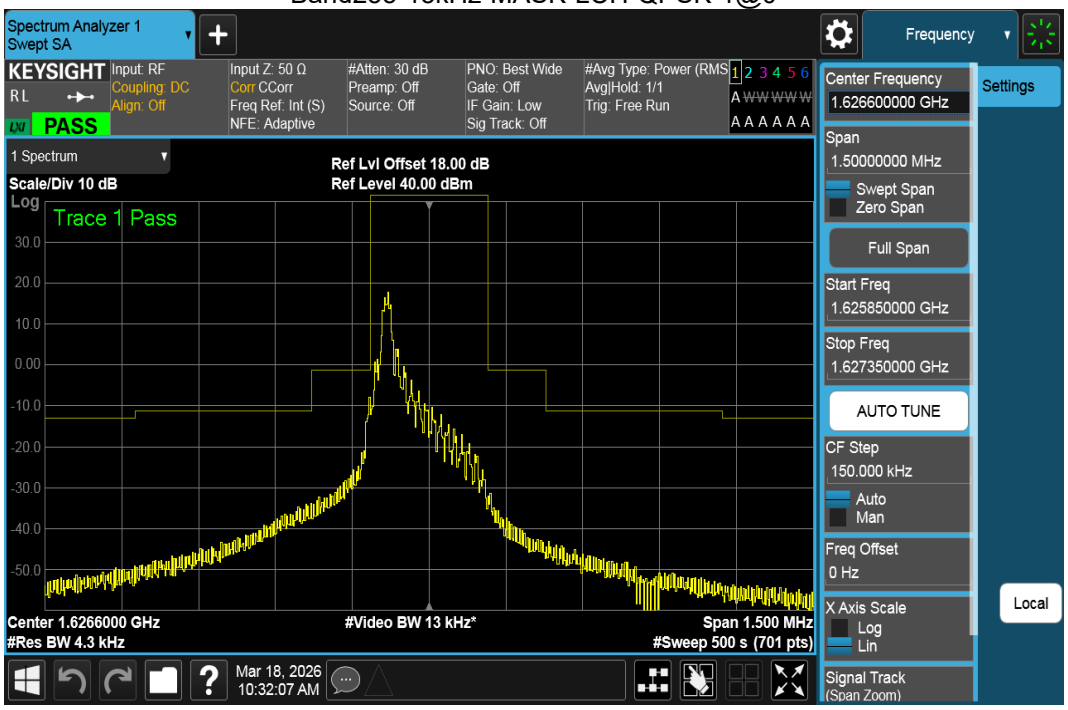


Emission mask test Graph

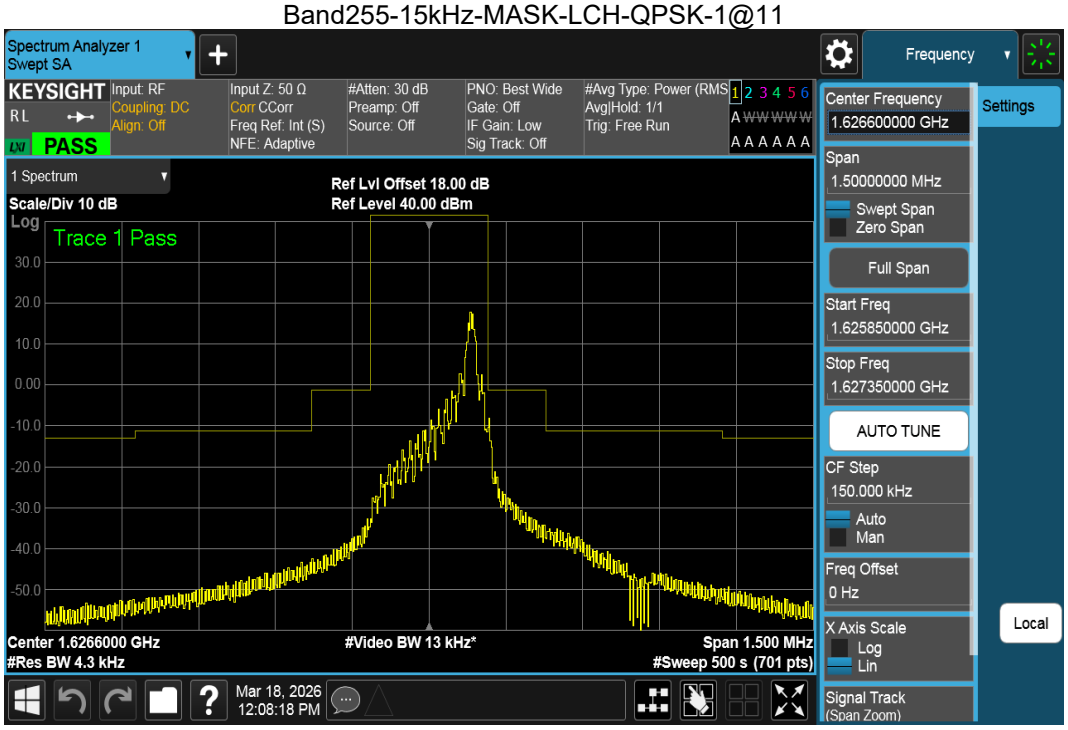
Band255-15kHz-MASK-LCH-QPSK-12@0



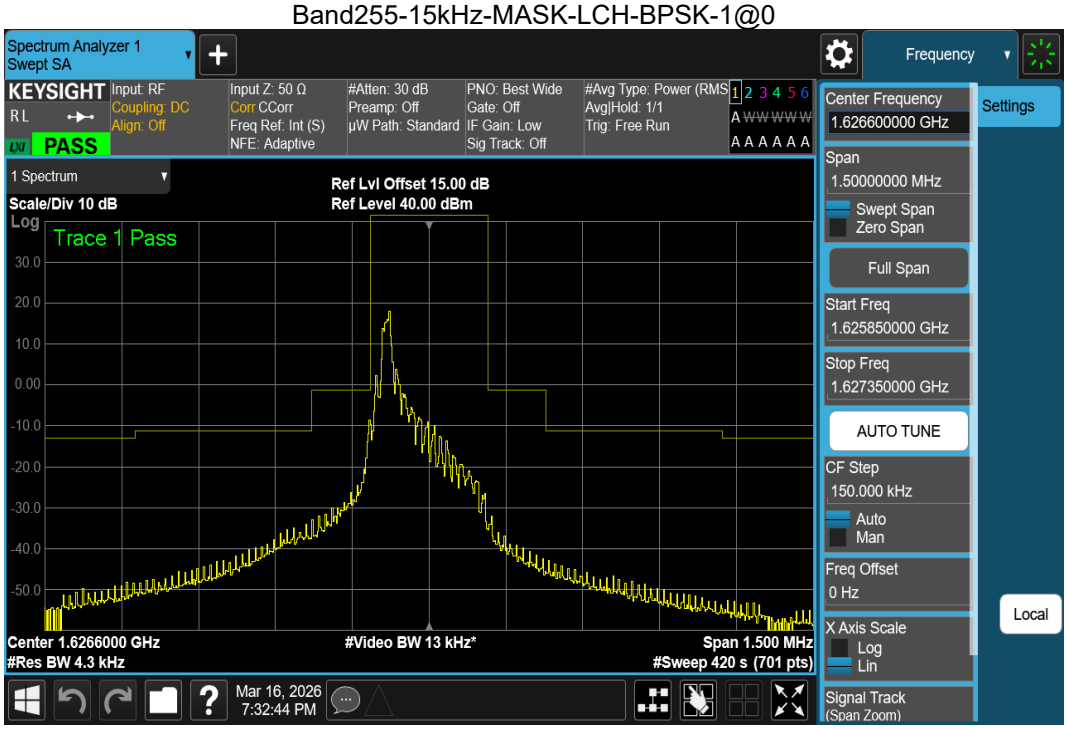
Band255-15kHz-MASK-LCH-QPSK-1@0



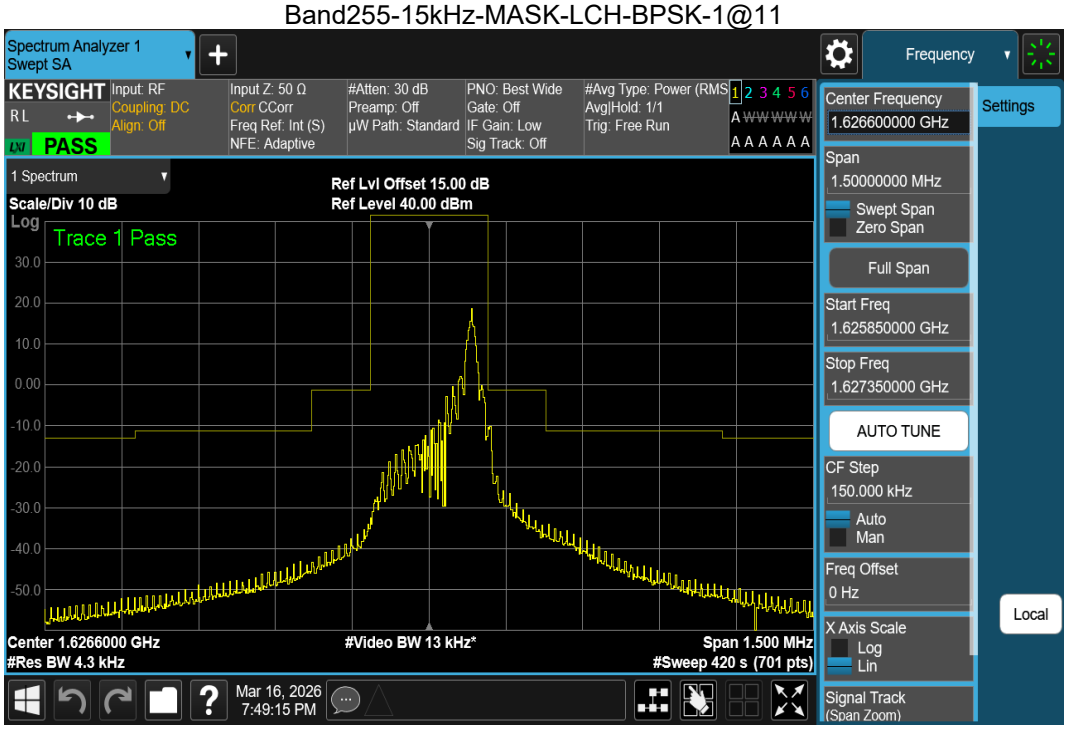
Band255-15kHz-MASK-LCH-QPSK-1@11



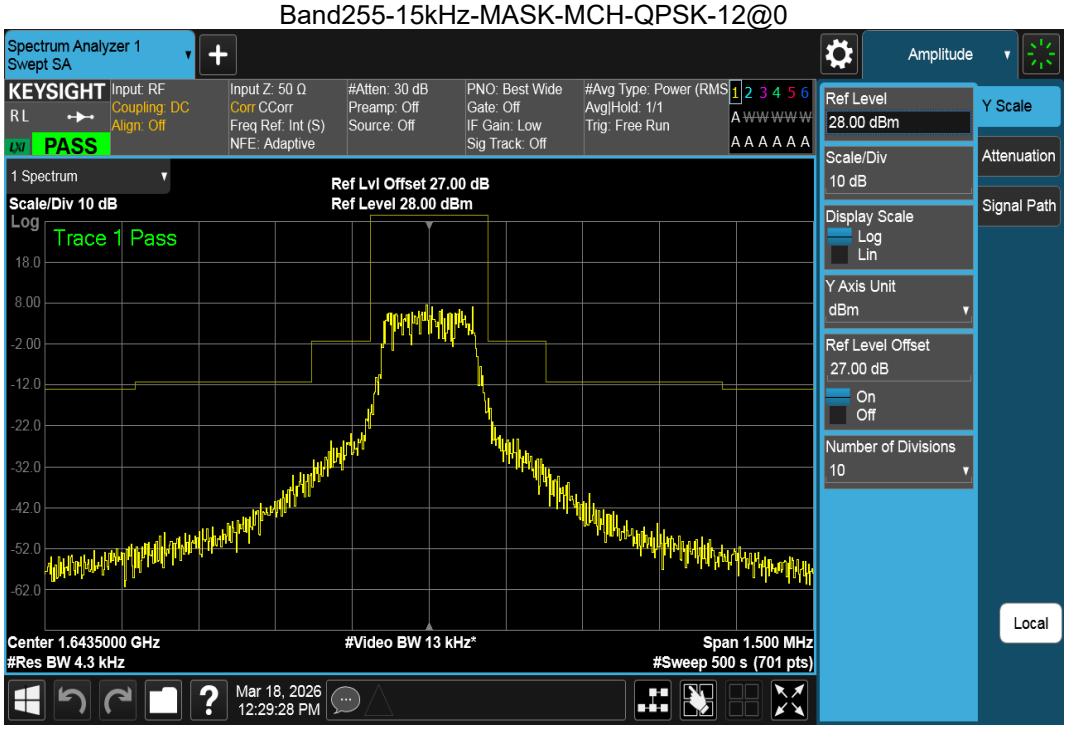
Band255-15kHz-MASK-LCH-BPSK-1@0



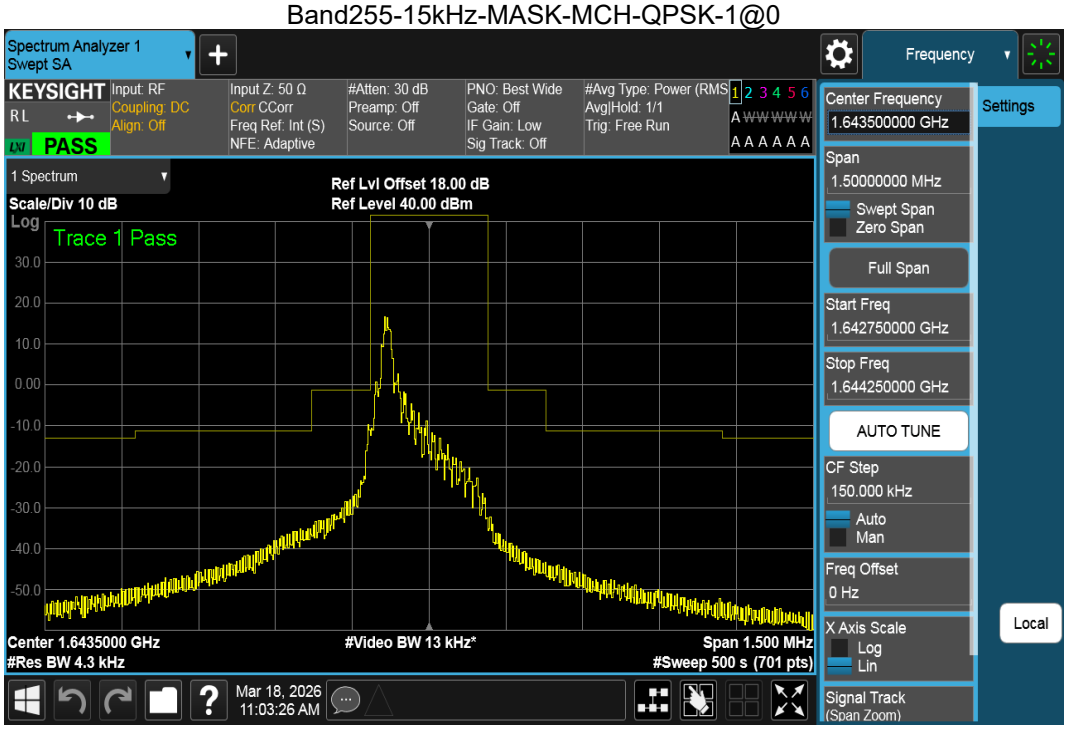
Band255-15kHz-MASK-LCH-BPSK-1@11



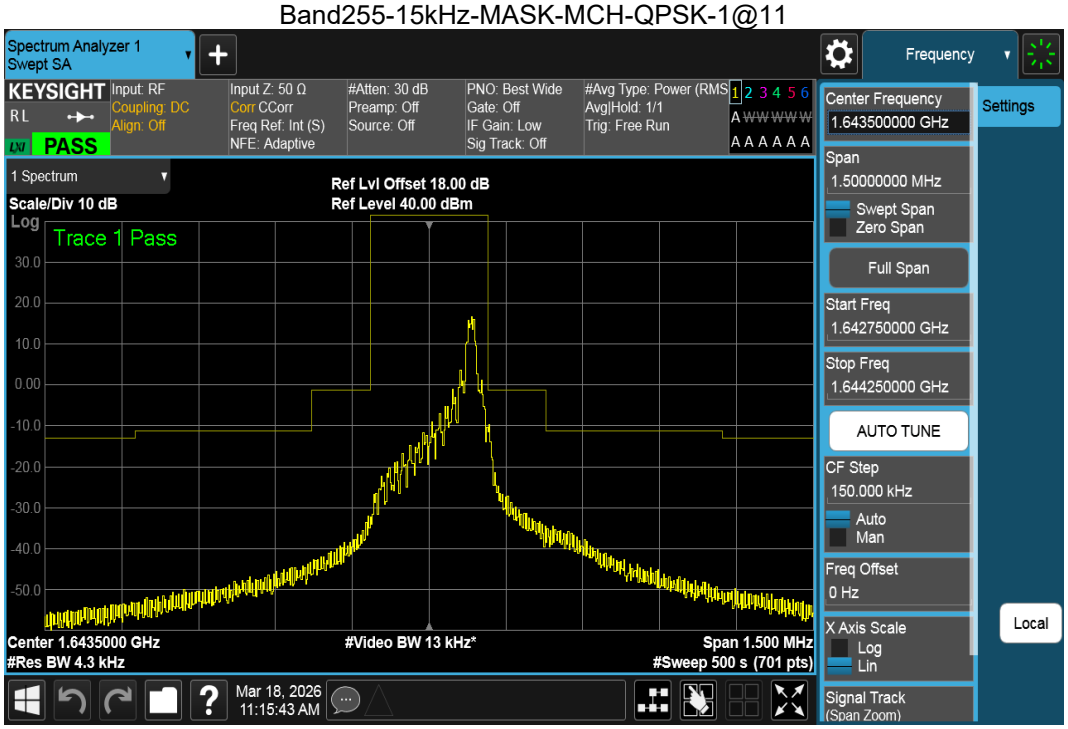
Band255-15kHz-MASK-MCH-QPSK-12@0



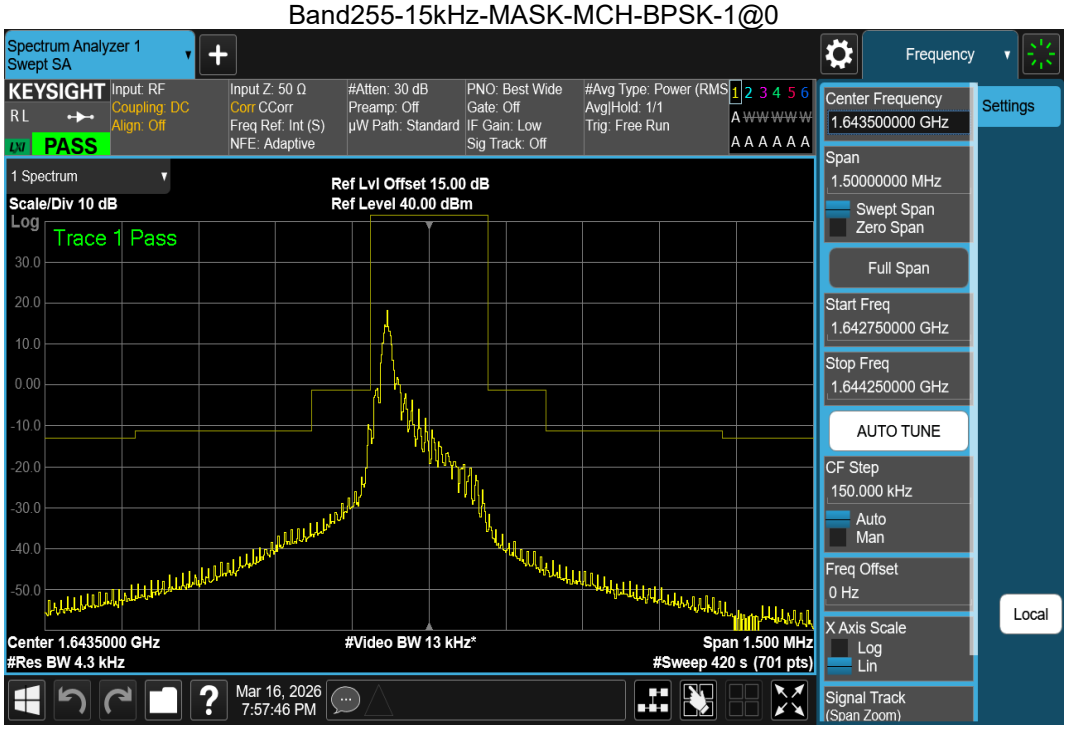
Band255-15kHz-MASK-MCH-QPSK-1@0



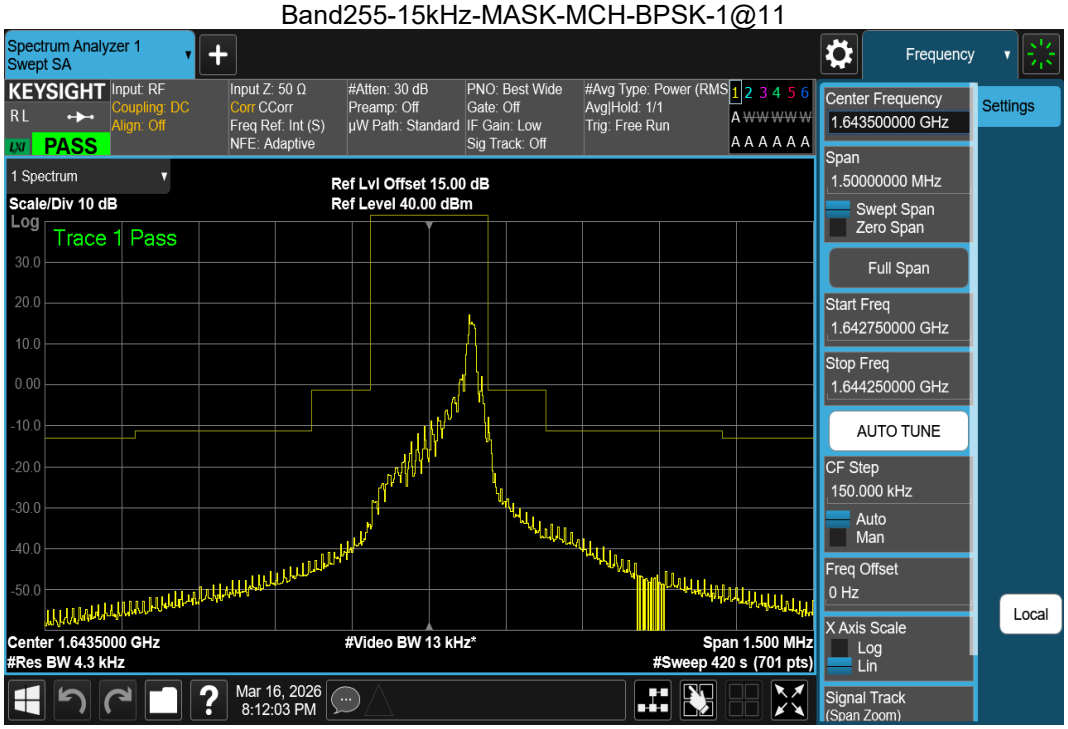
Band255-15kHz-MASK-MCH-QPSK-1@11



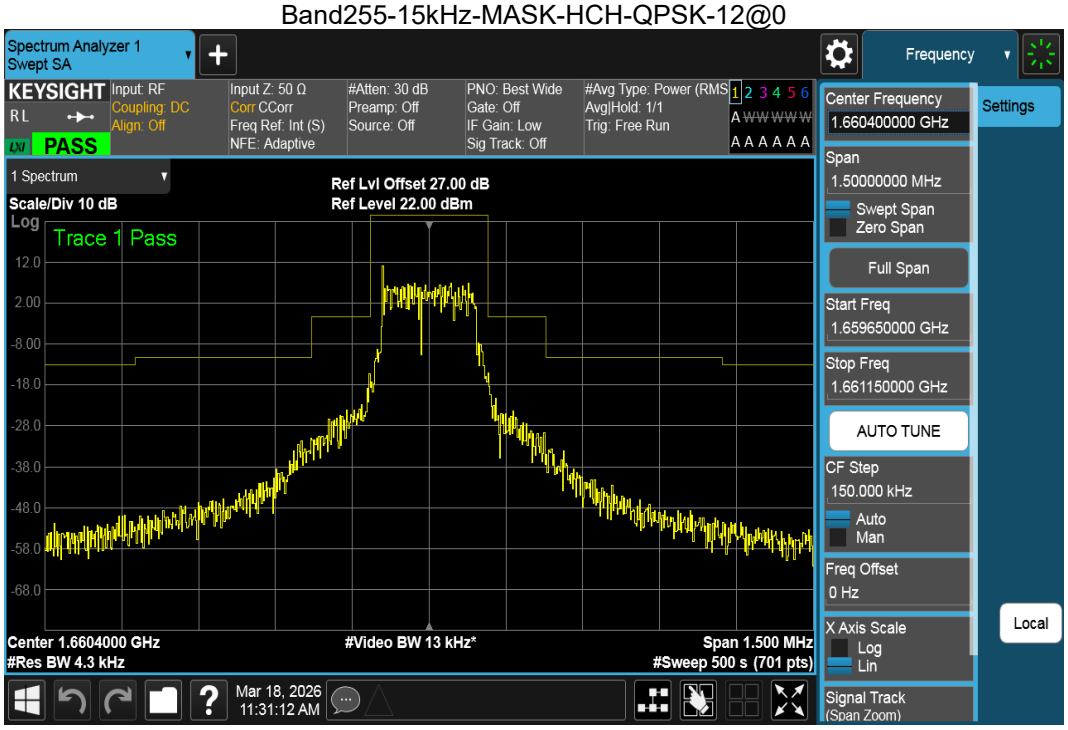
Band255-15kHz-MASK-MCH-BPSK-1@0



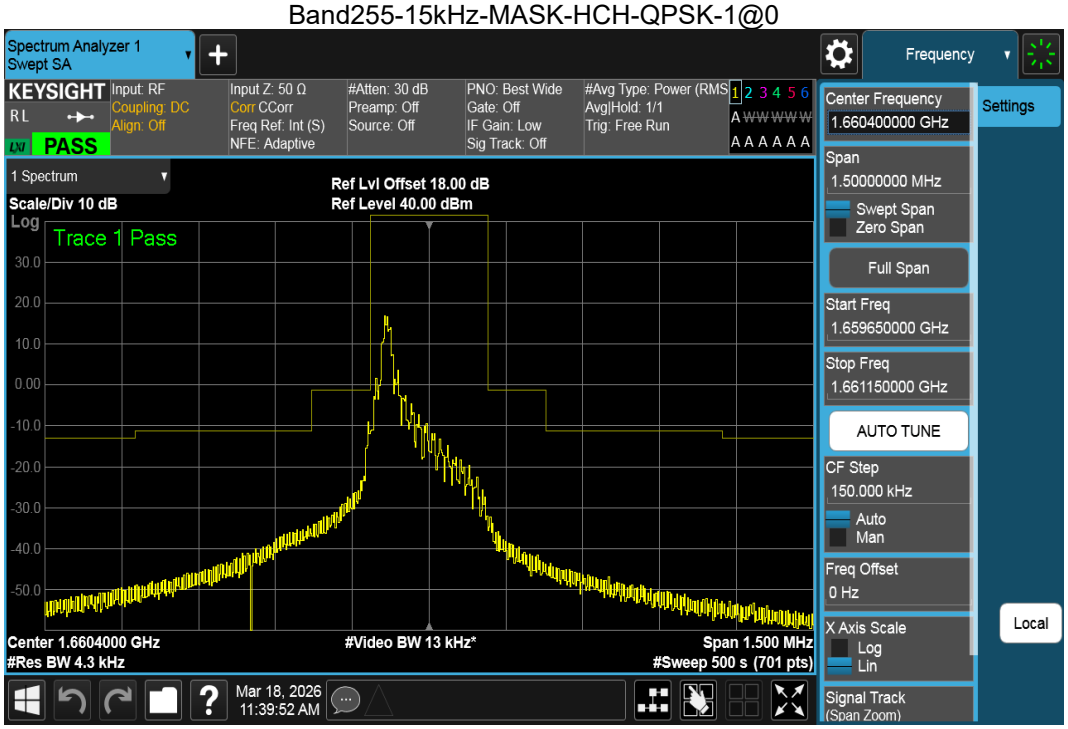
Band255-15kHz-MASK-MCH-BPSK-1@11



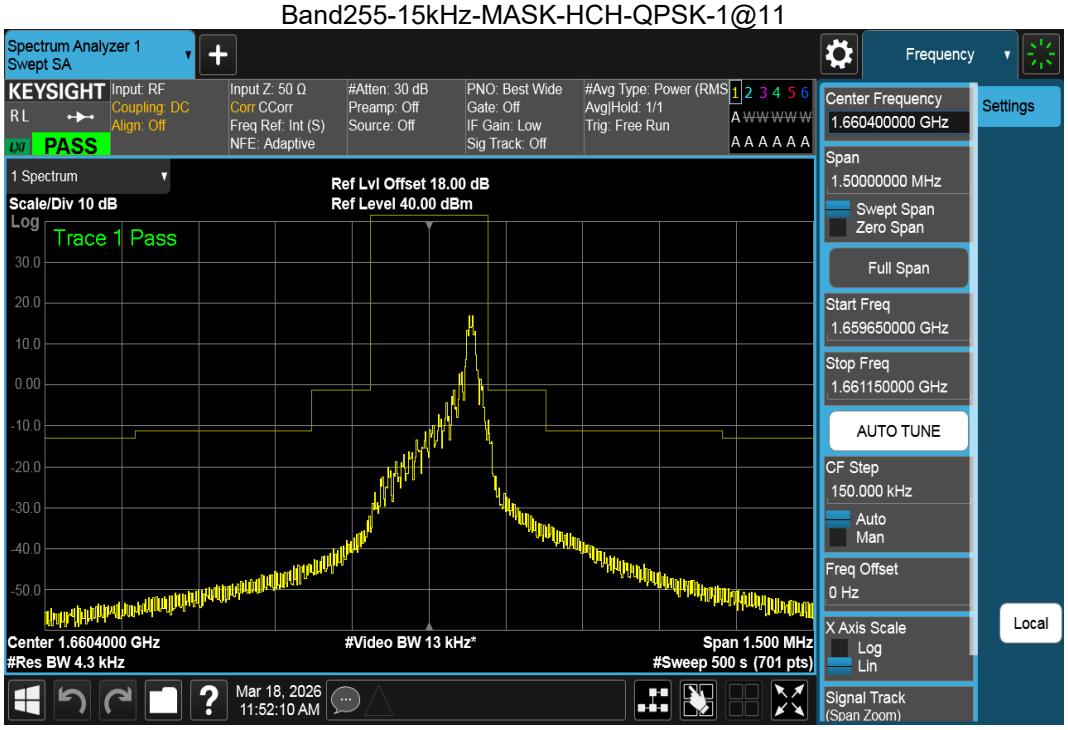
Band255-15kHz-MASK-HCH-QPSK-12@0



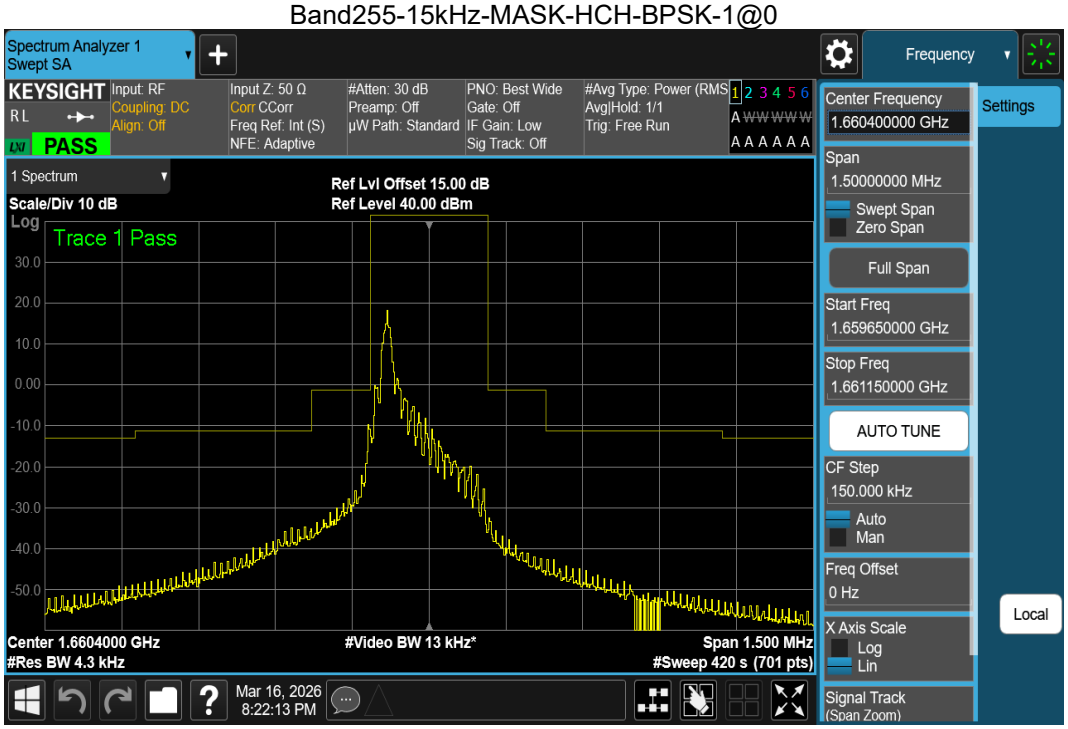
Band255-15kHz-MASK-HCH-QPSK-1@0



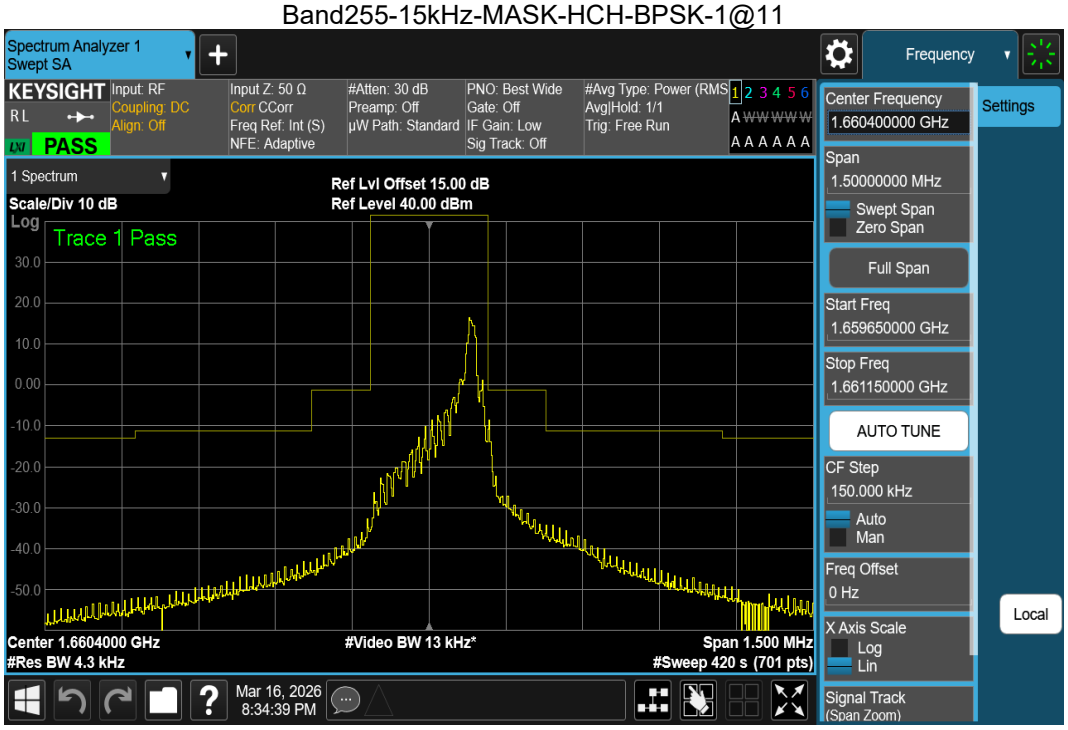
Band255-15kHz-MASK-HCH-QPSK-1@11



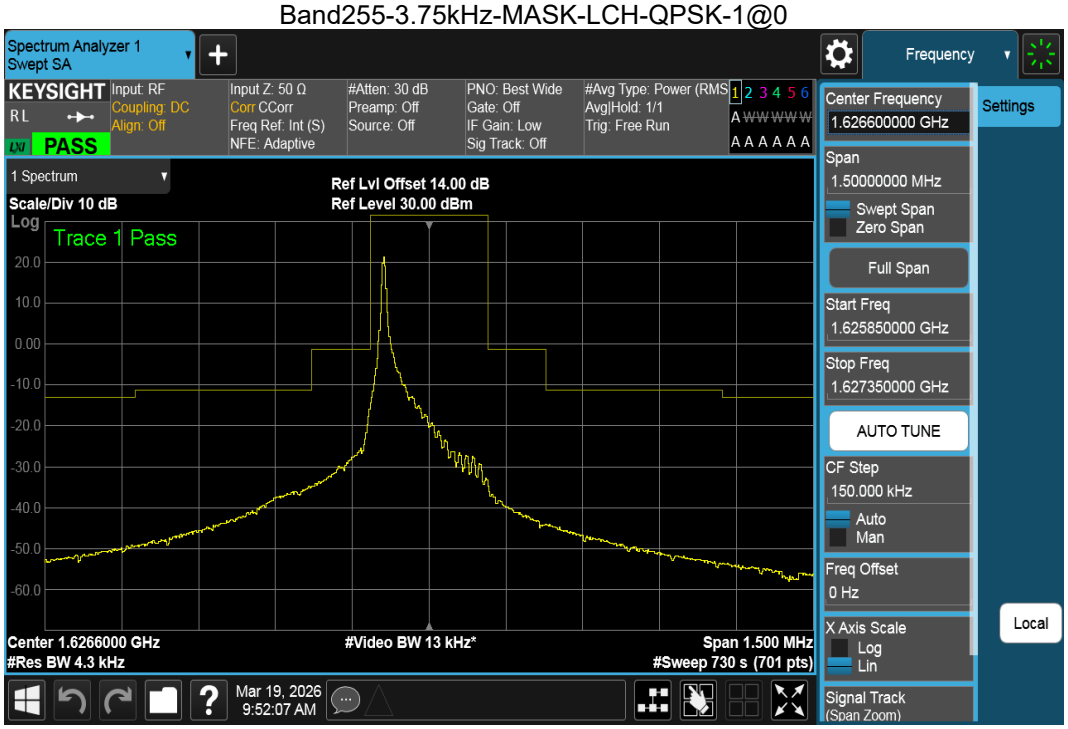
Band255-15kHz-MASK-HCH-BPSK-1@0



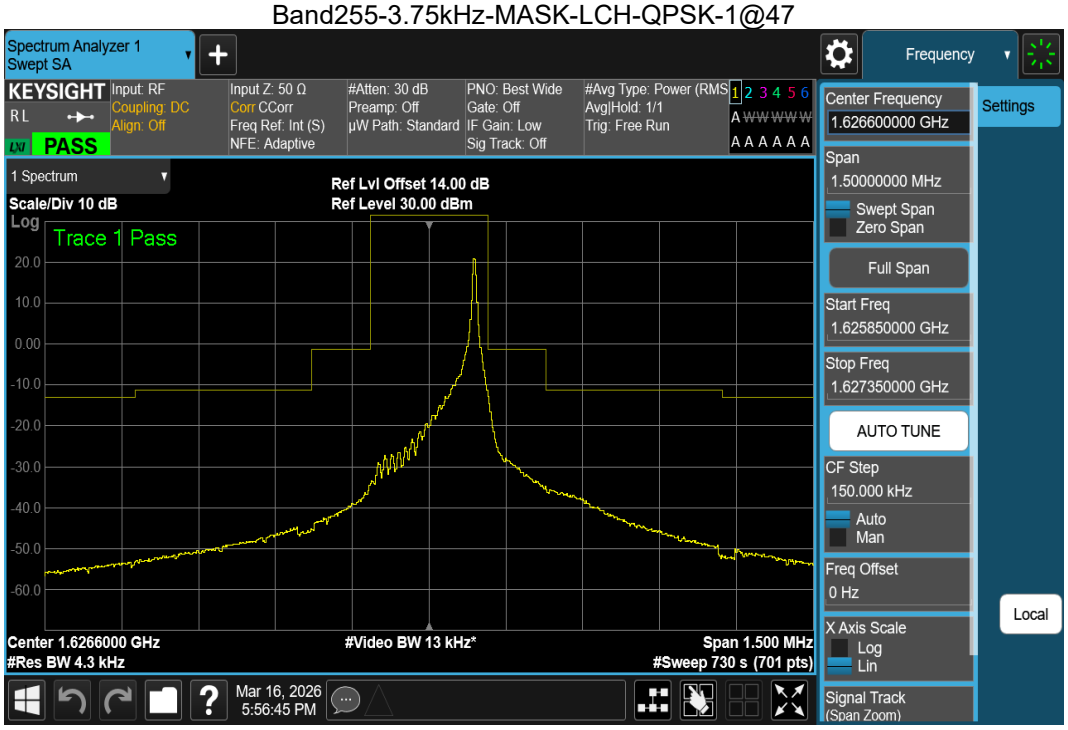
Band255-15kHz-MASK-HCH-BPSK-1@11



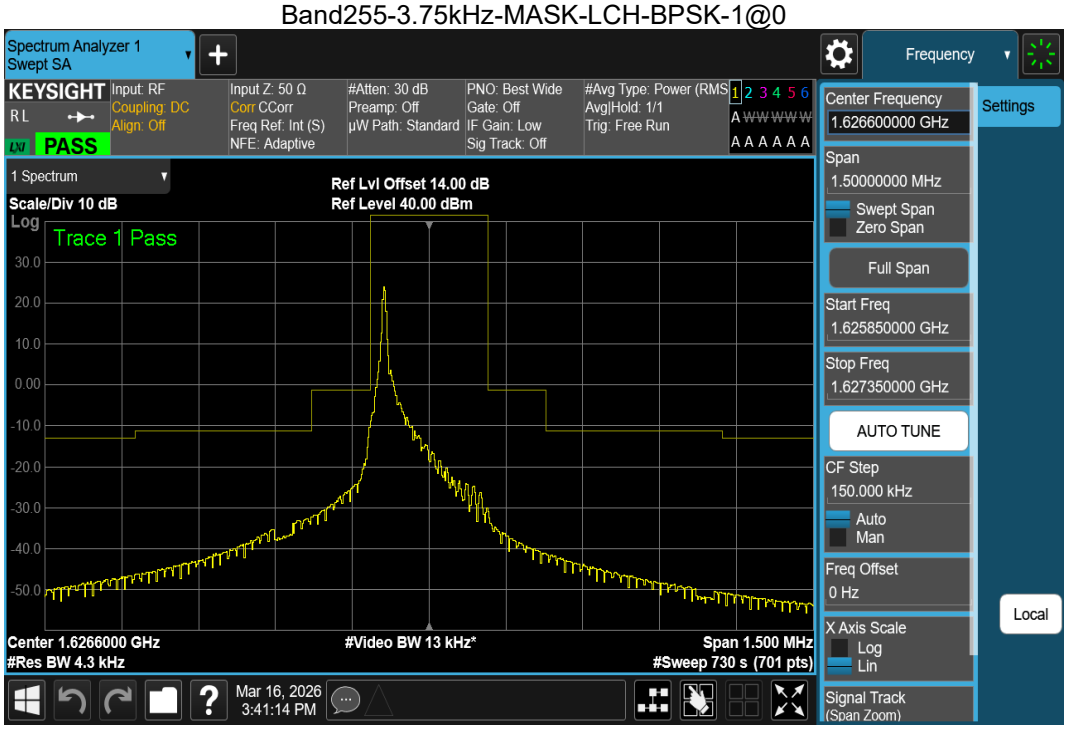
Band255-3.75kHz-MASK-LCH-QPSK-1@0



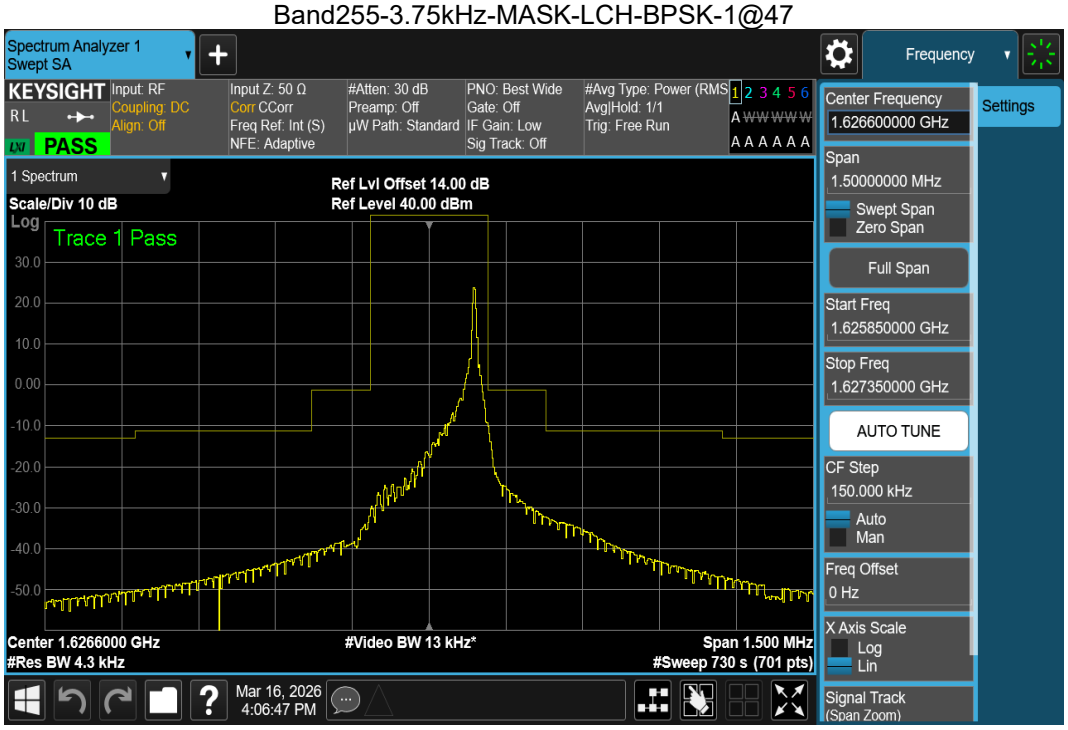
Band255-3.75kHz-MASK-LCH-QPSK-1@47



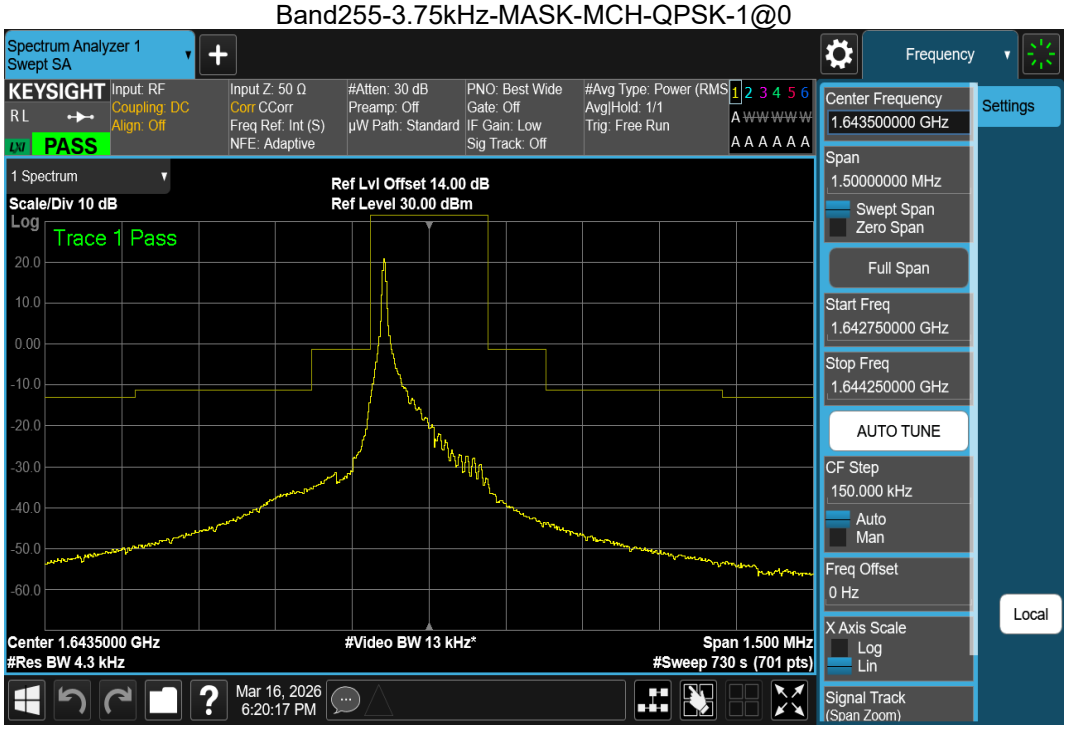
Band255-3.75kHz-MASK-LCH-BPSK-1@0



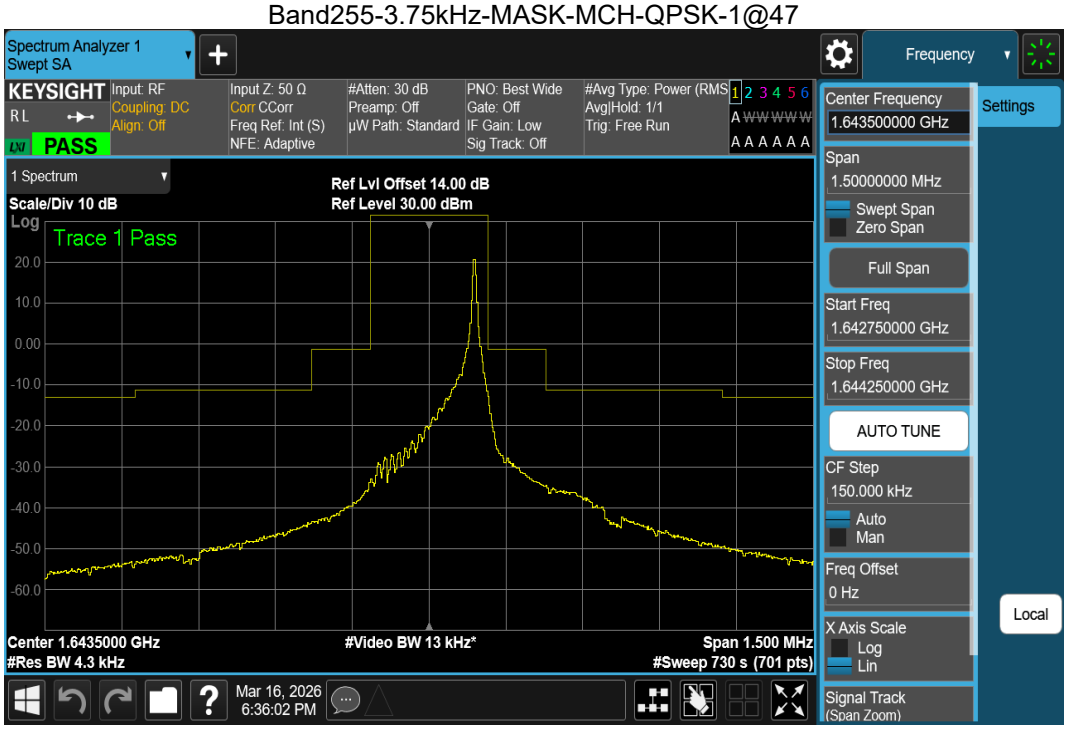
Band255-3.75kHz-MASK-LCH-BPSK-1@47



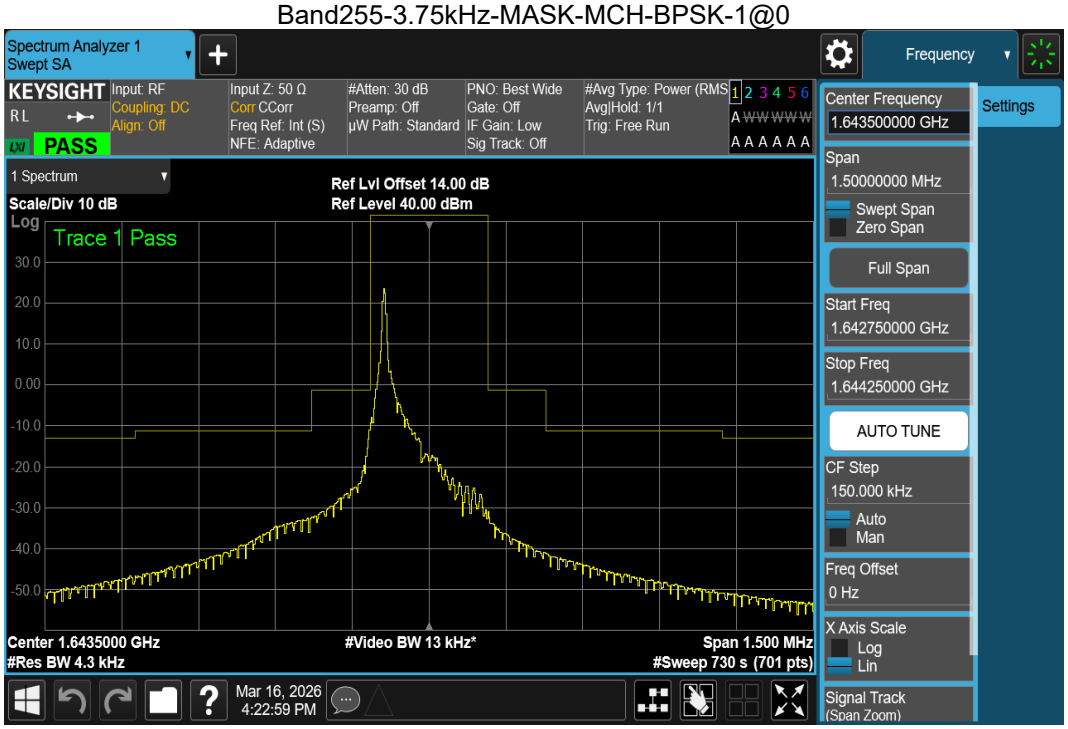
Band255-3.75kHz-MASK-MCH-QPSK-1@0



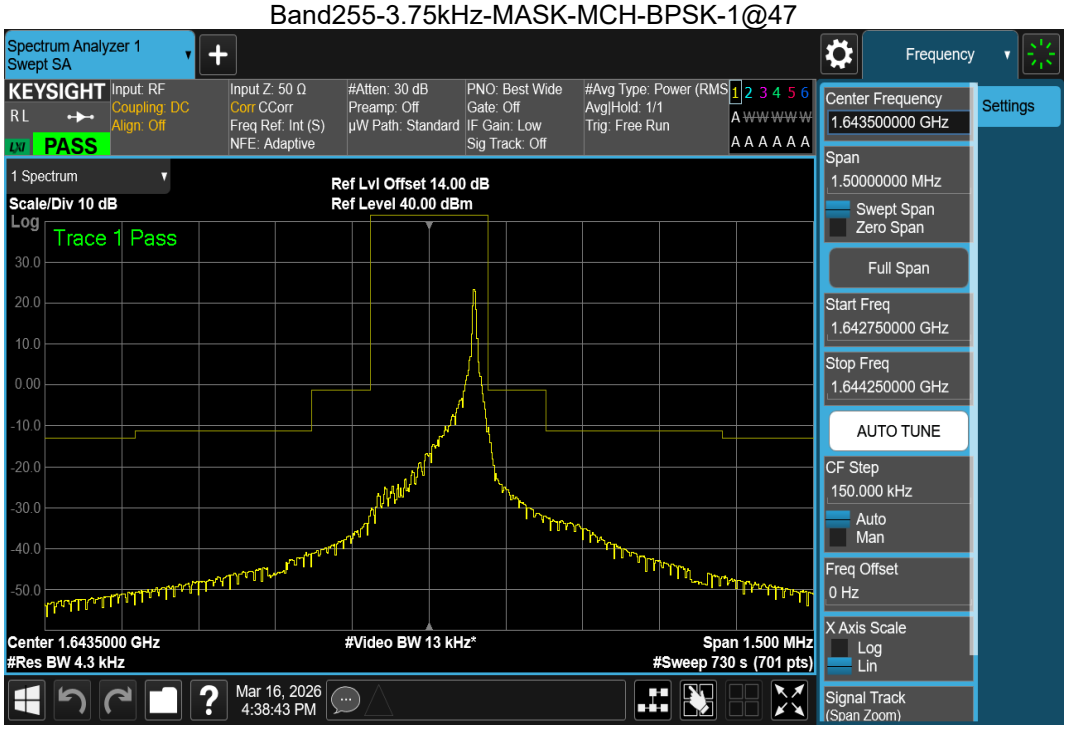
Band255-3.75kHz-MASK-MCH-QPSK-1@47



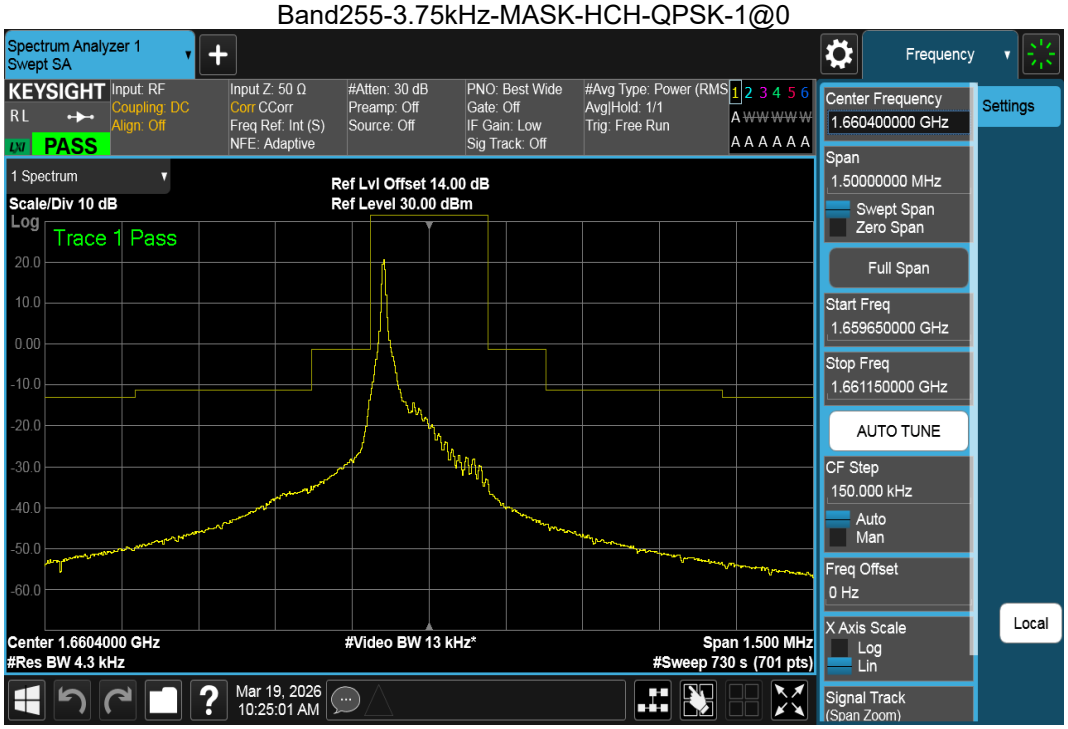
Band255-3.75kHz-MASK-MCH-BPSK-1@0



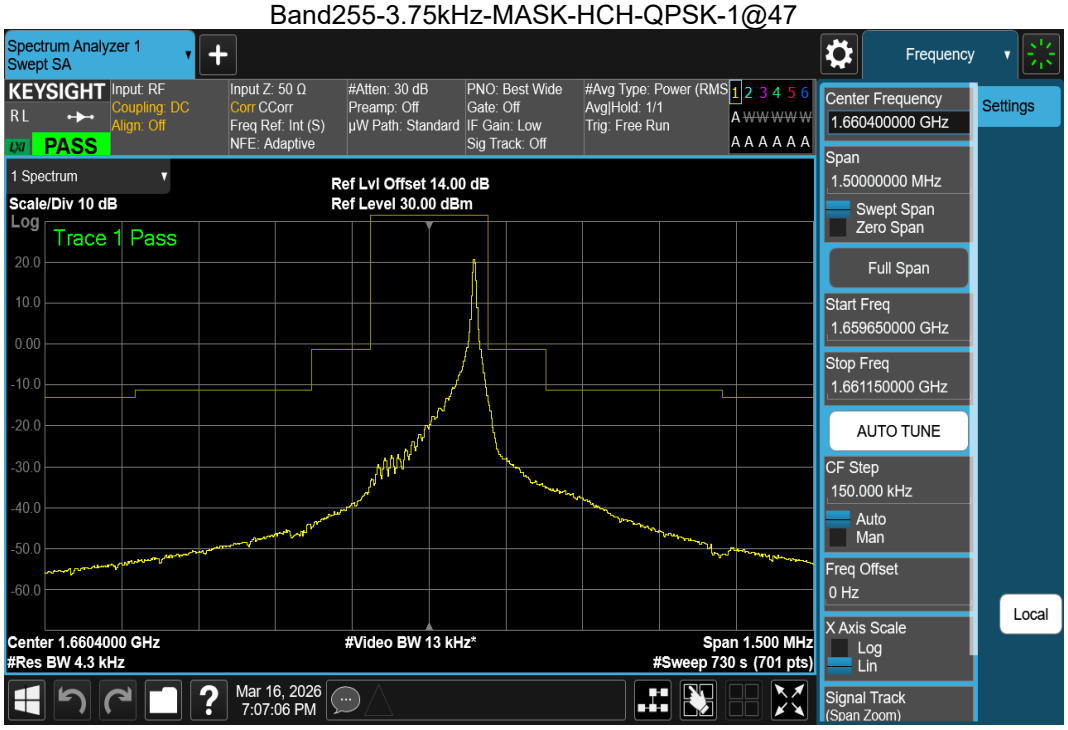
Band255-3.75kHz-MASK-MCH-BPSK-1@47



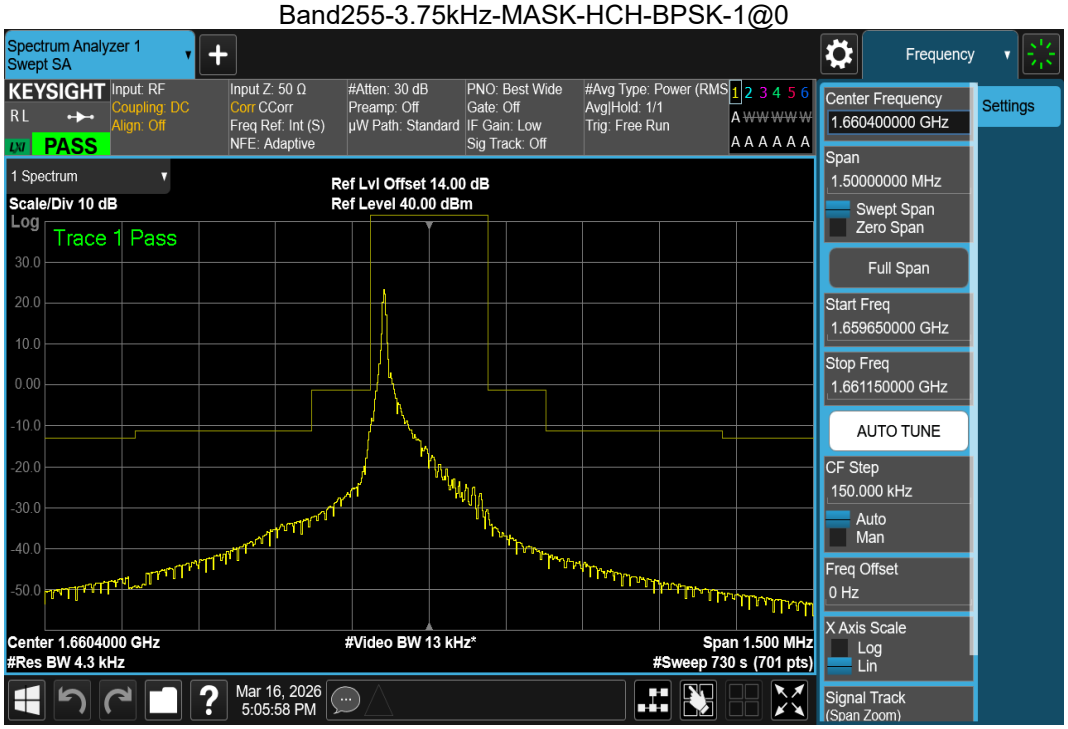
Band255-3.75kHz-MASK-HCH-QPSK-1@0



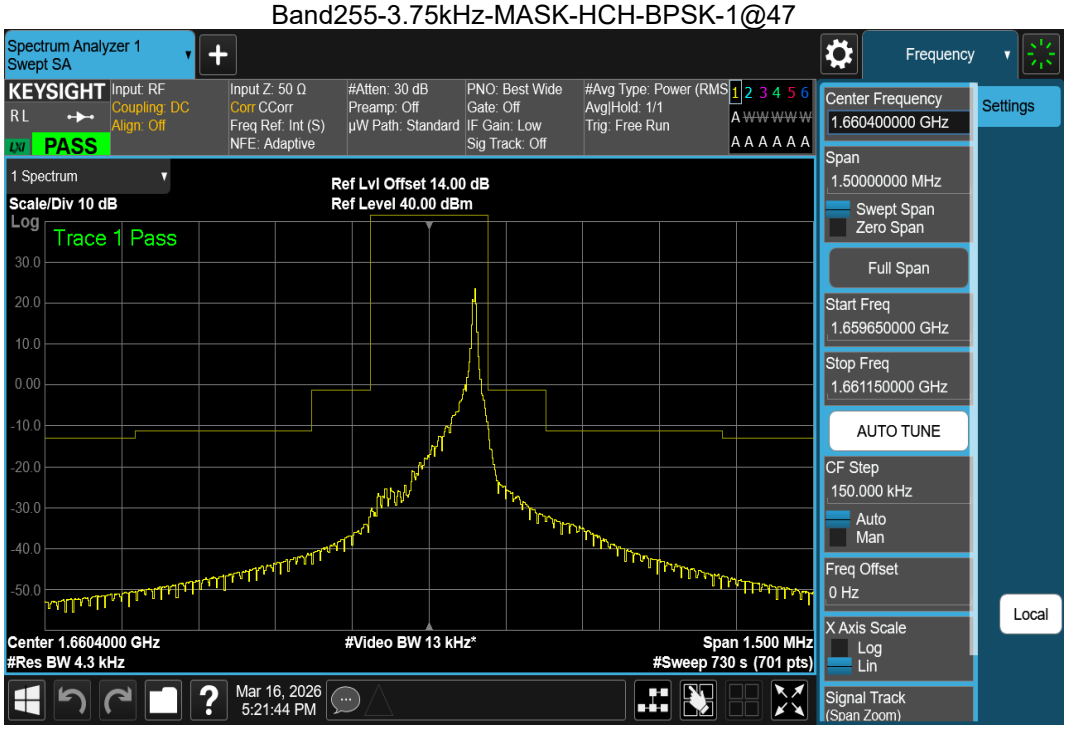
Band255-3.75kHz-MASK-HCH-QPSK-1@47



Band255-3.75kHz-MASK-HCH-BPSK-1@0

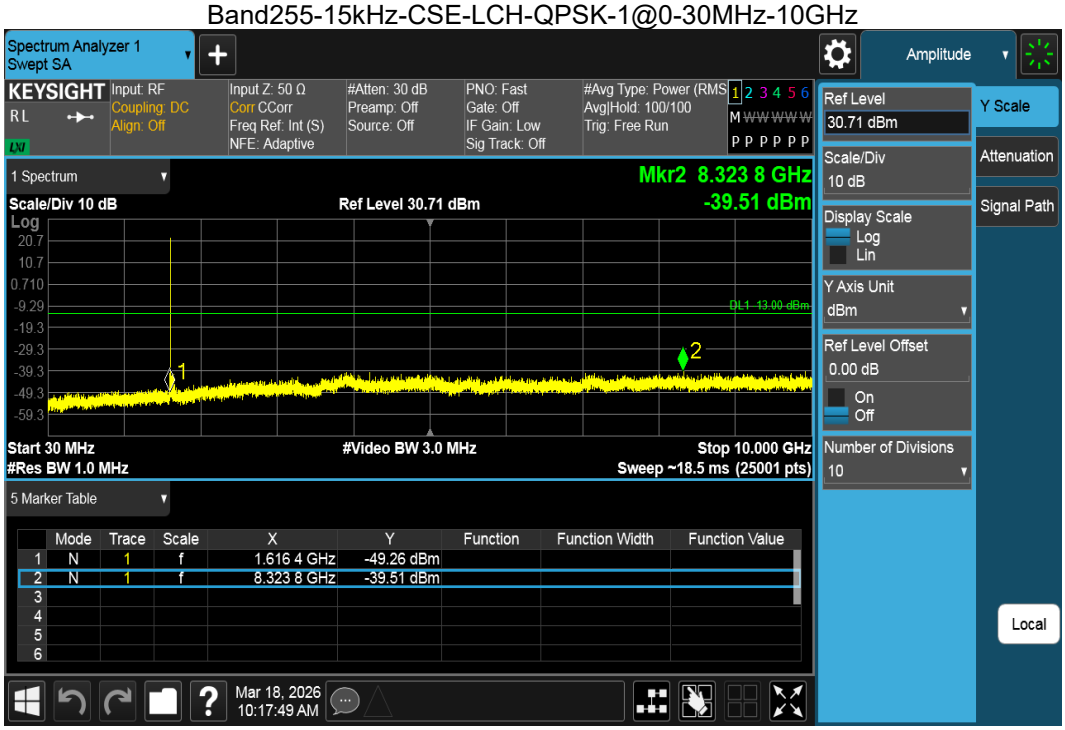


Band255-3.75kHz-MASK-HCH-BPSK-1@47

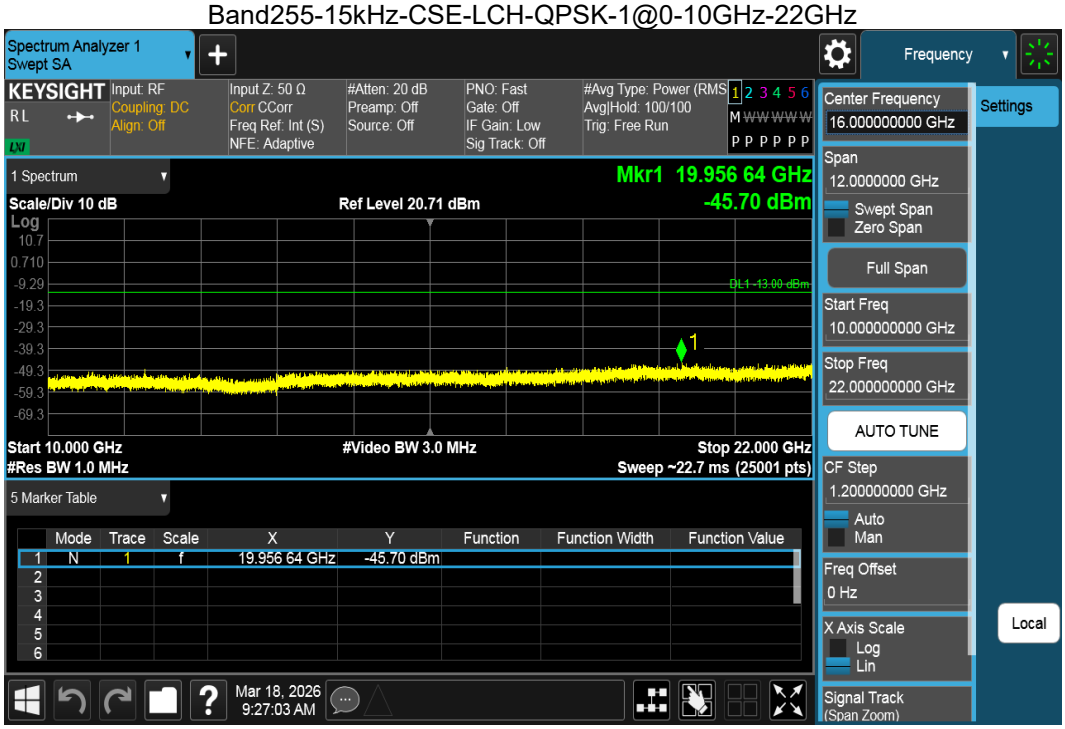


Conducted spurious emissions test graph

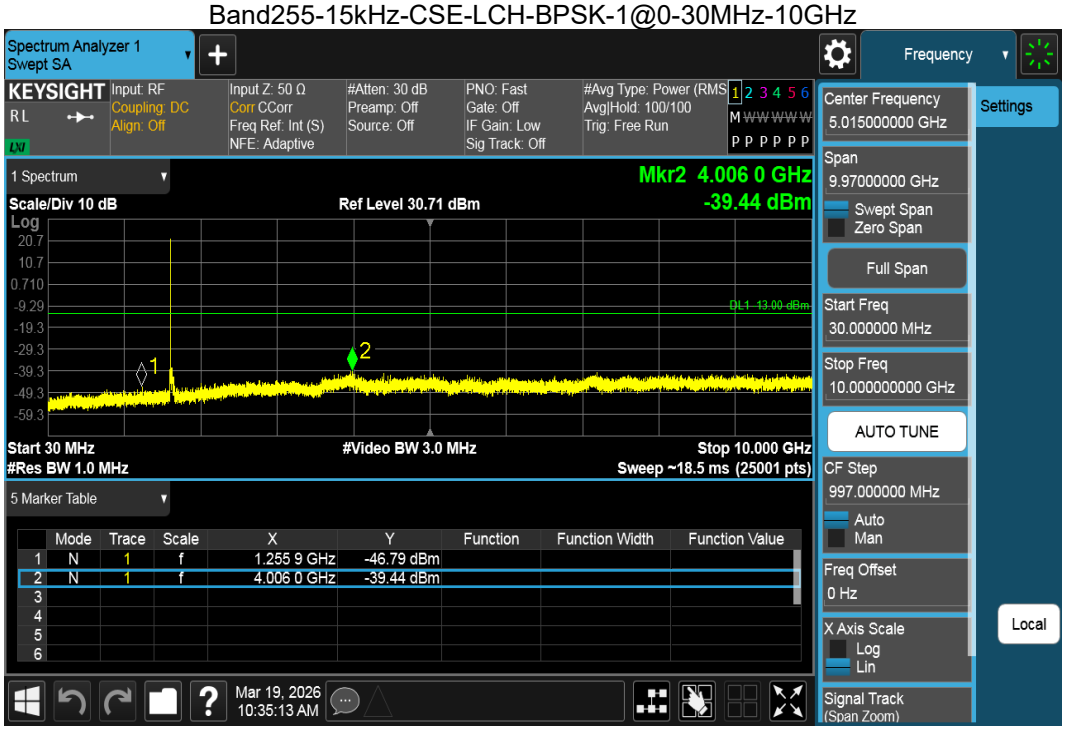
Band255-15kHz-CSE-LCH-QPSK-1@0-30MHz-10GHz



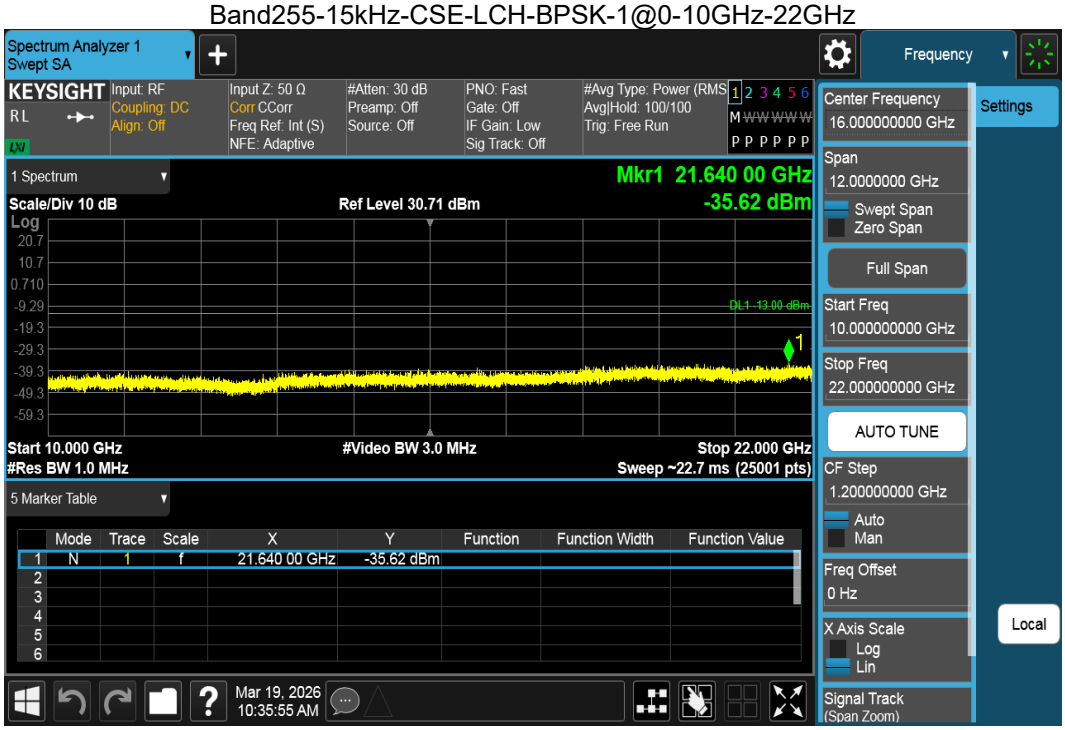
Band255-15kHz-CSE-LCH-QPSK-1@0-10GHz-22GHz



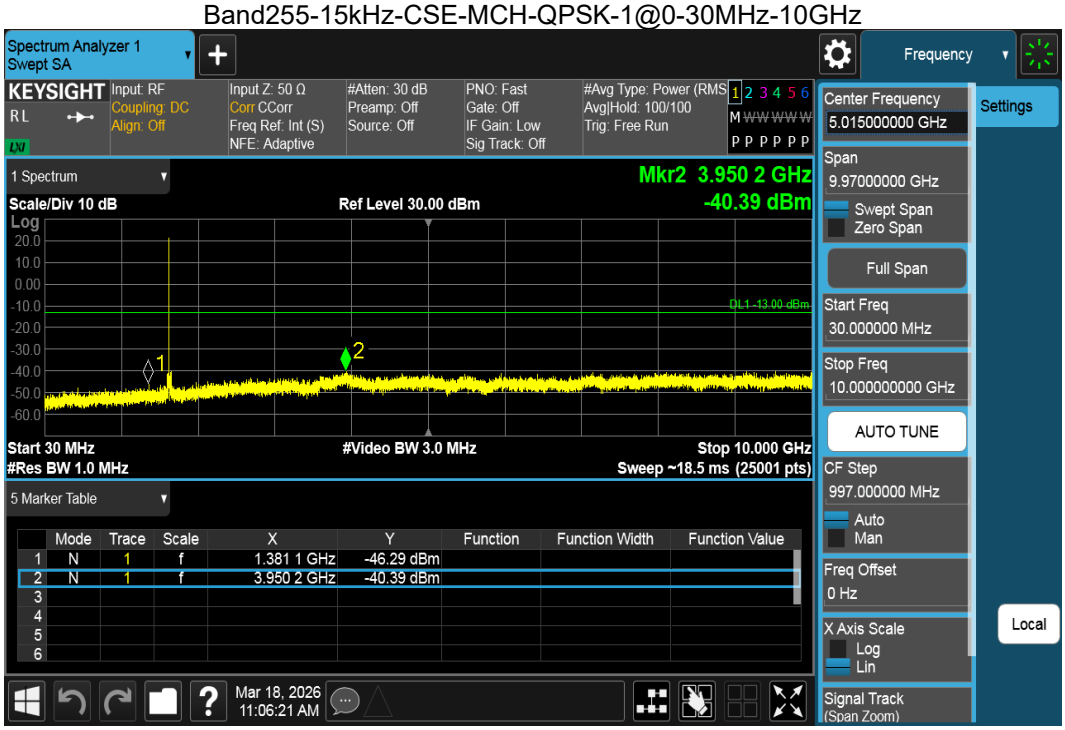
Band255-15kHz-CSE-LCH-BPSK-1@0-30MHz-10GHz



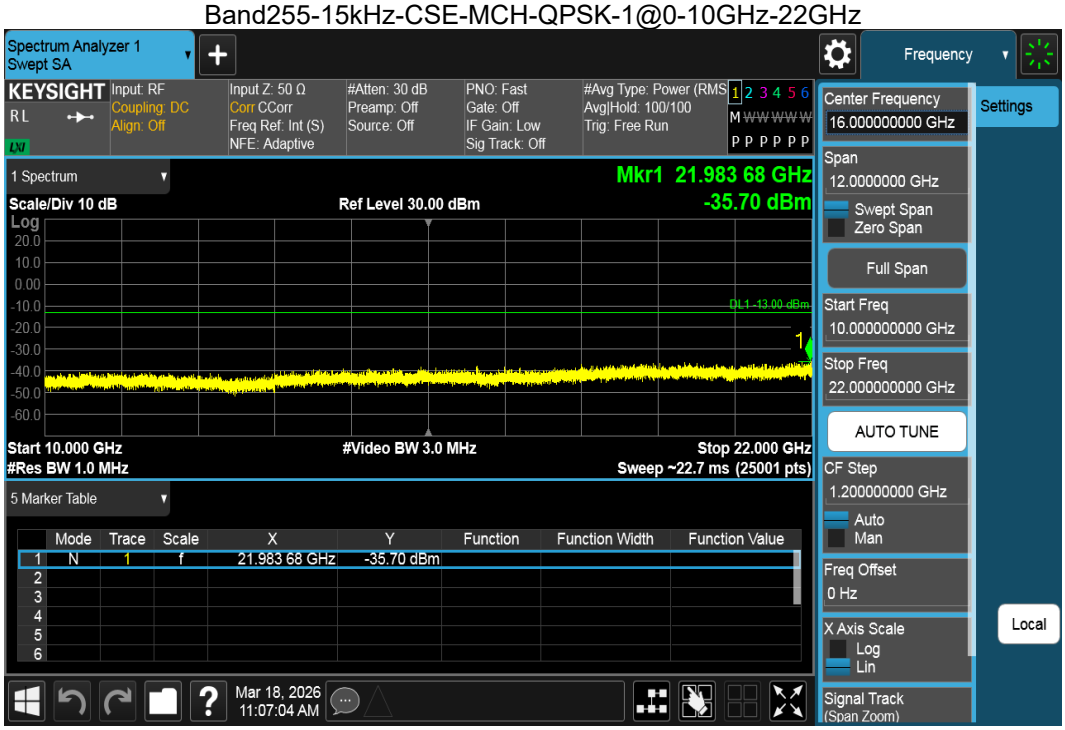
Band255-15kHz-CSE-LCH-BPSK-1@0-10GHz-22GHz



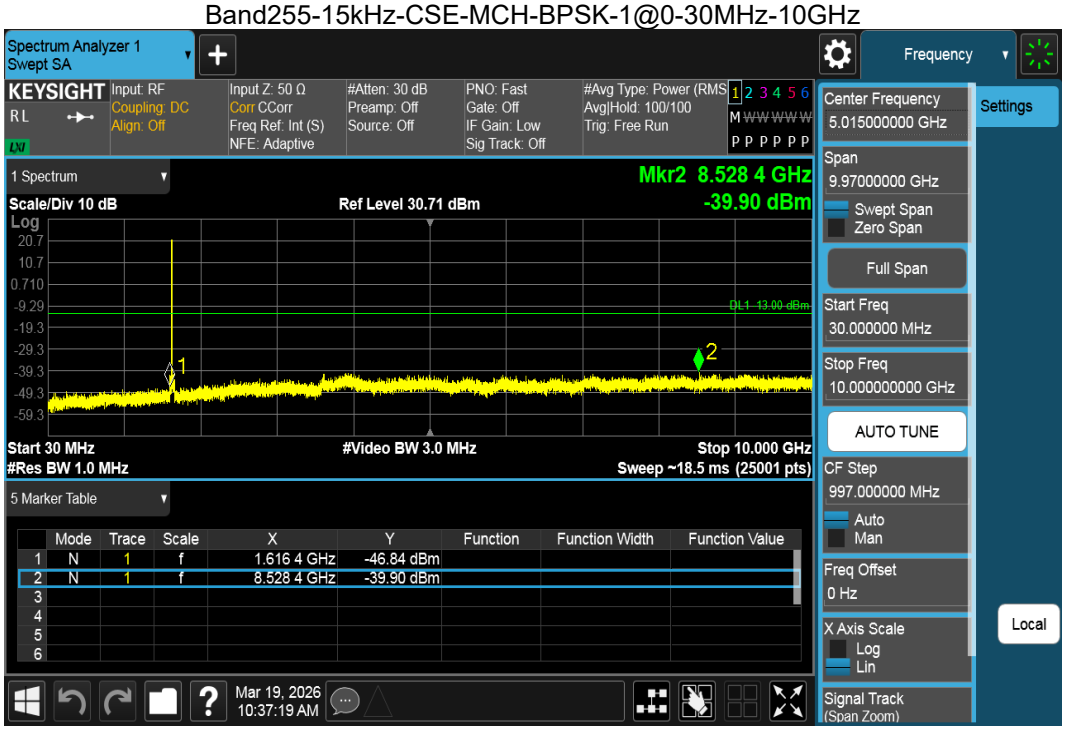
Band255-15kHz-CSE-MCH-QPSK-1@0-30MHz-10GHz



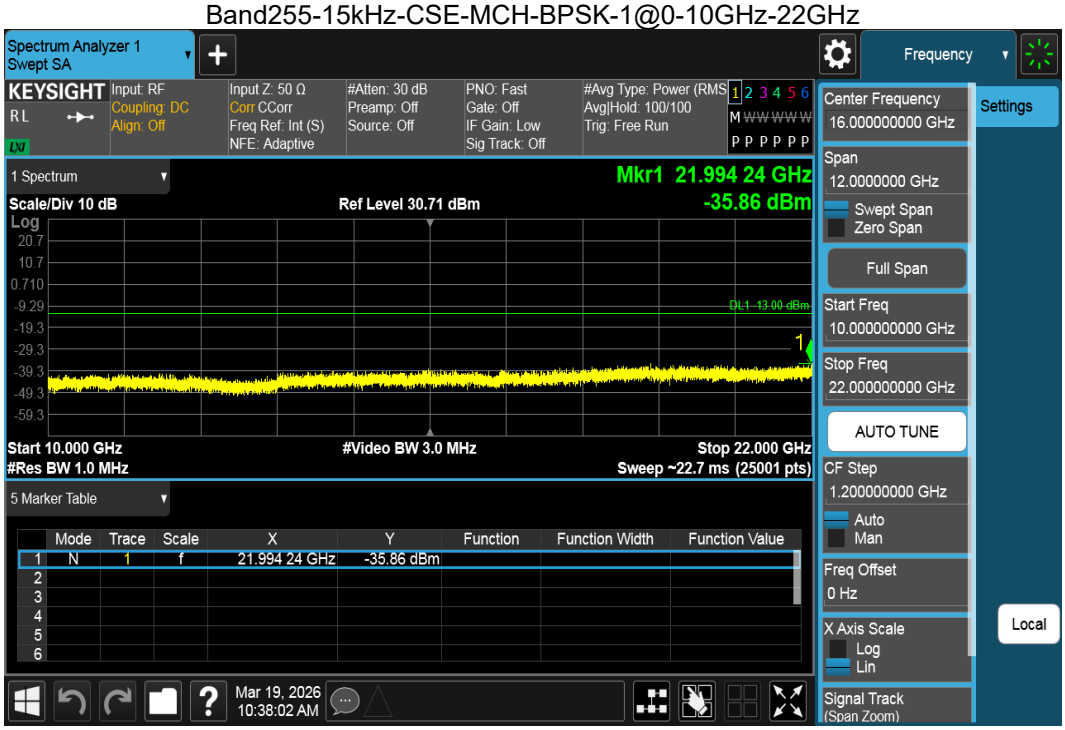
Band255-15kHz-CSE-MCH-QPSK-1@0-10GHz-22GHz



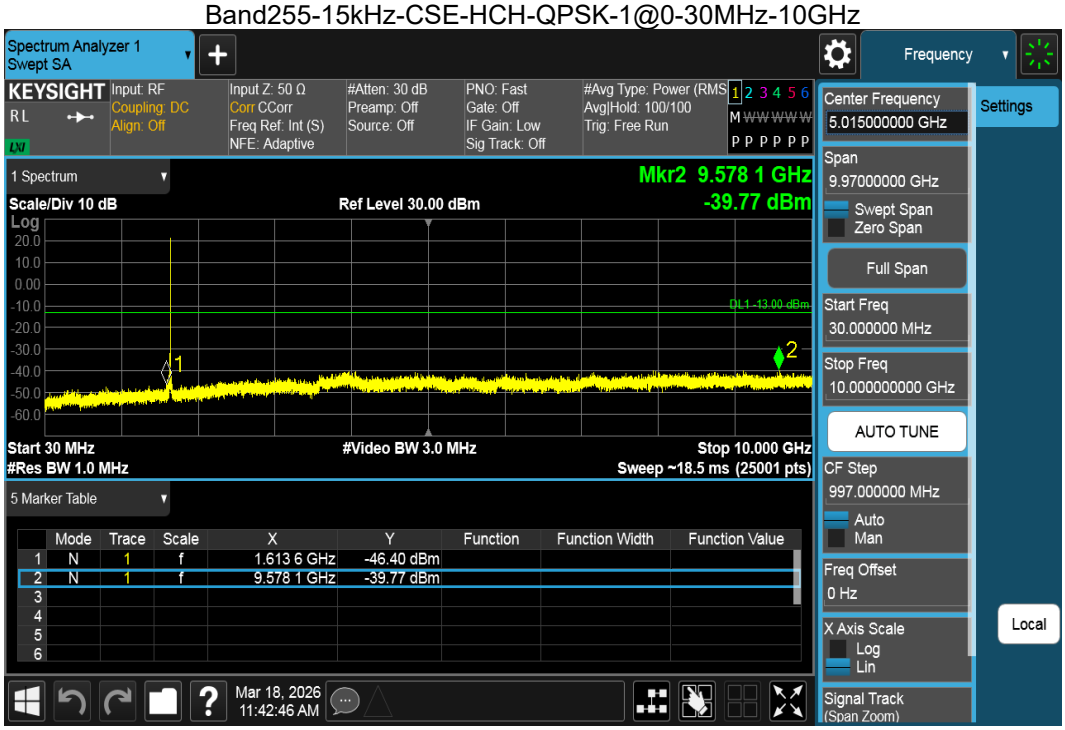
Band255-15kHz-CSE-MCH-BPSK-1@0-30MHz-10GHz



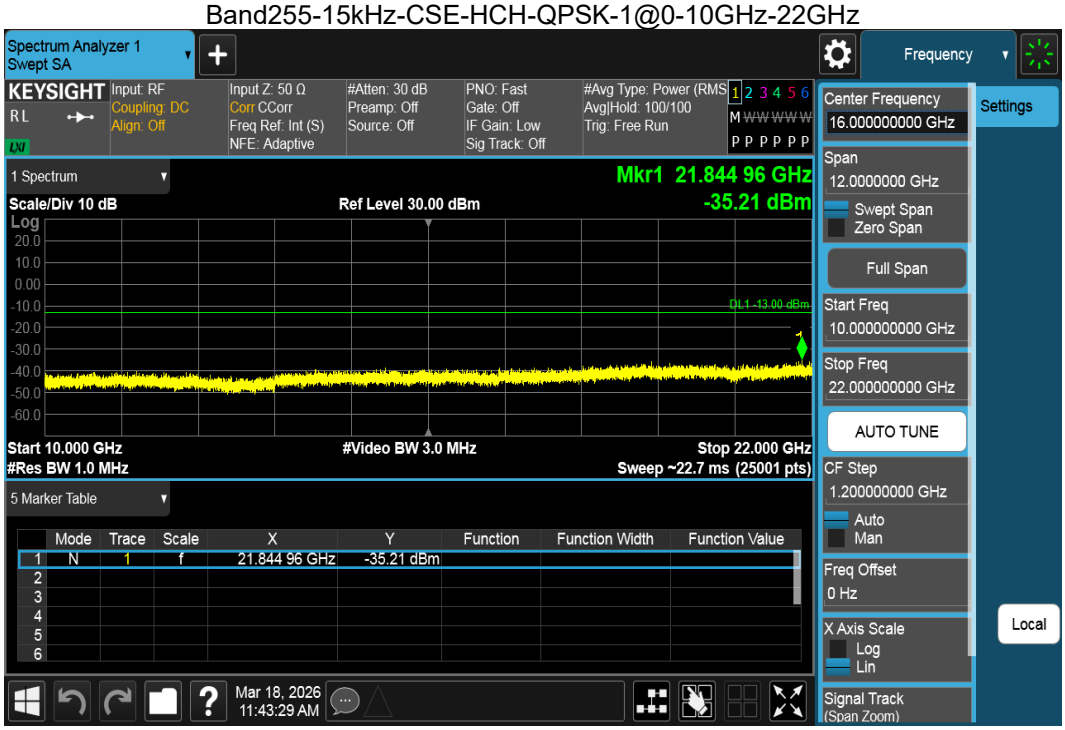
Band255-15kHz-CSE-MCH-BPSK-1@0-10GHz-22GHz



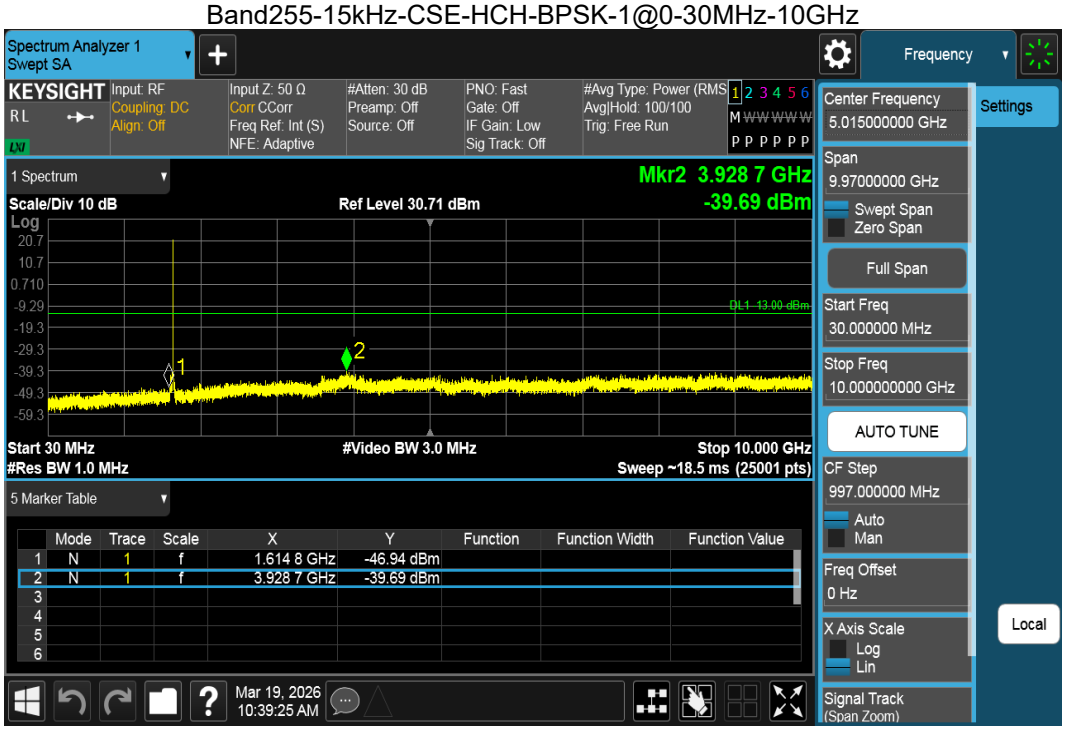
Band255-15kHz-CSE-HCH-QPSK-1@0-30MHz-10GHz



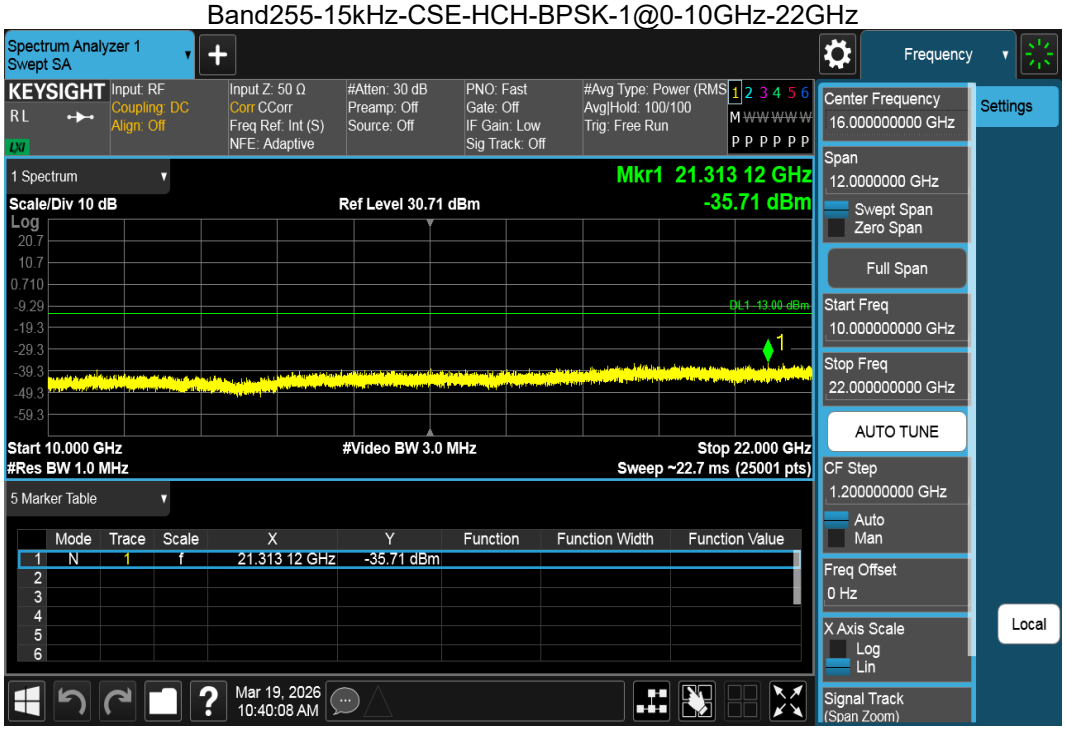
Band255-15kHz-CSE-HCH-QPSK-1@0-10GHz-22GHz



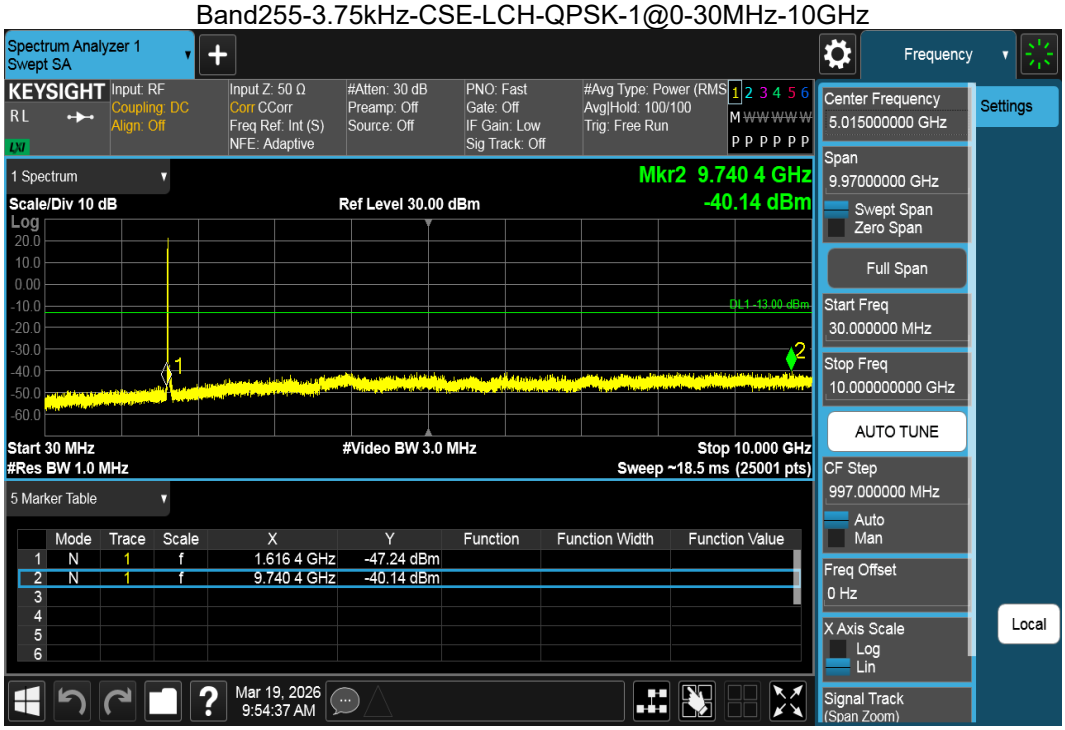
Band255-15kHz-CSE-HCH-BPSK-1@0-30MHz-10GHz



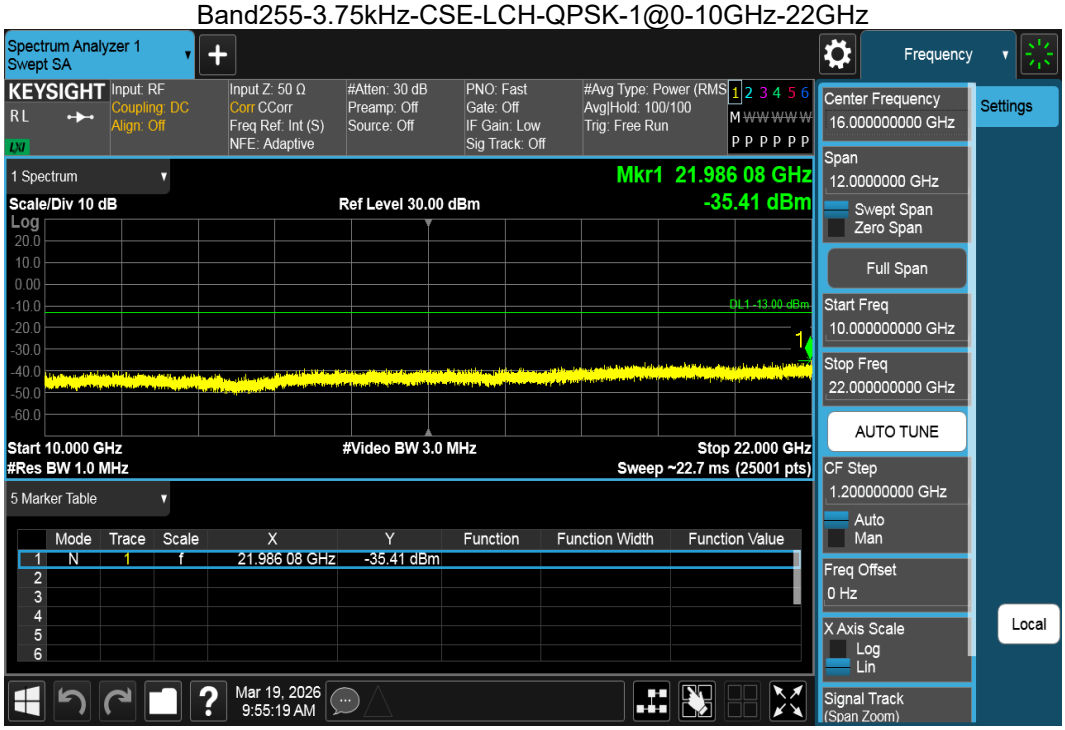
Band255-15kHz-CSE-HCH-BPSK-1@0-10GHz-22GHz



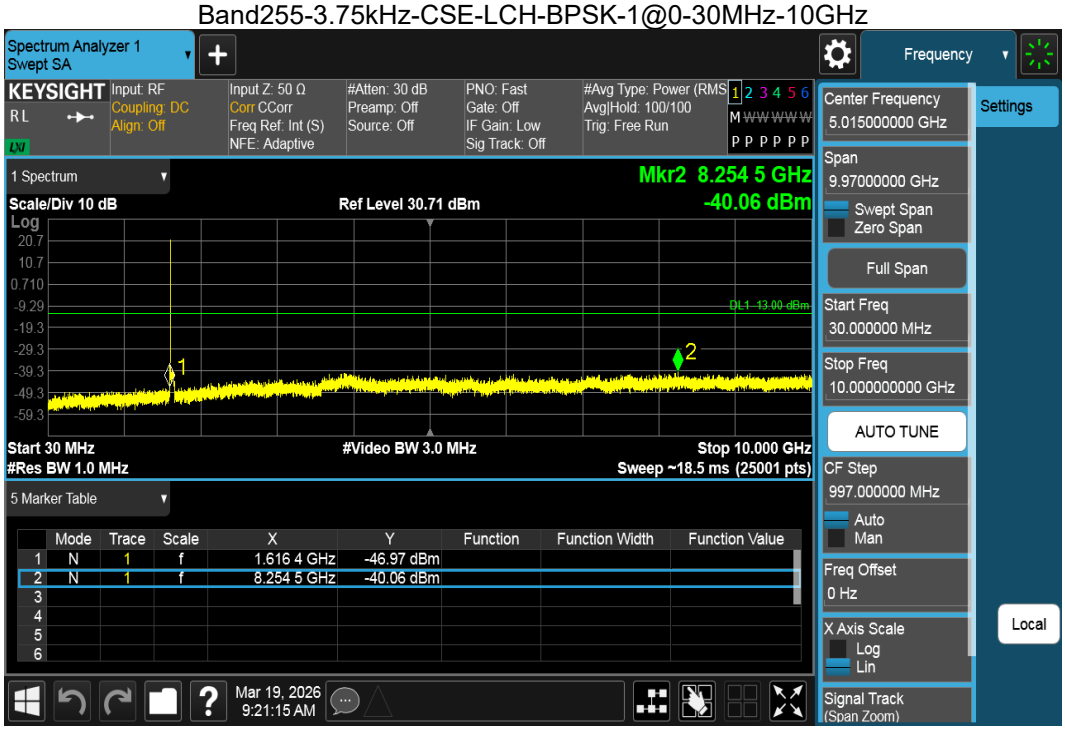
Band255-3.75kHz-CSE-LCH-QPSK-1@0-30MHz-10GHz



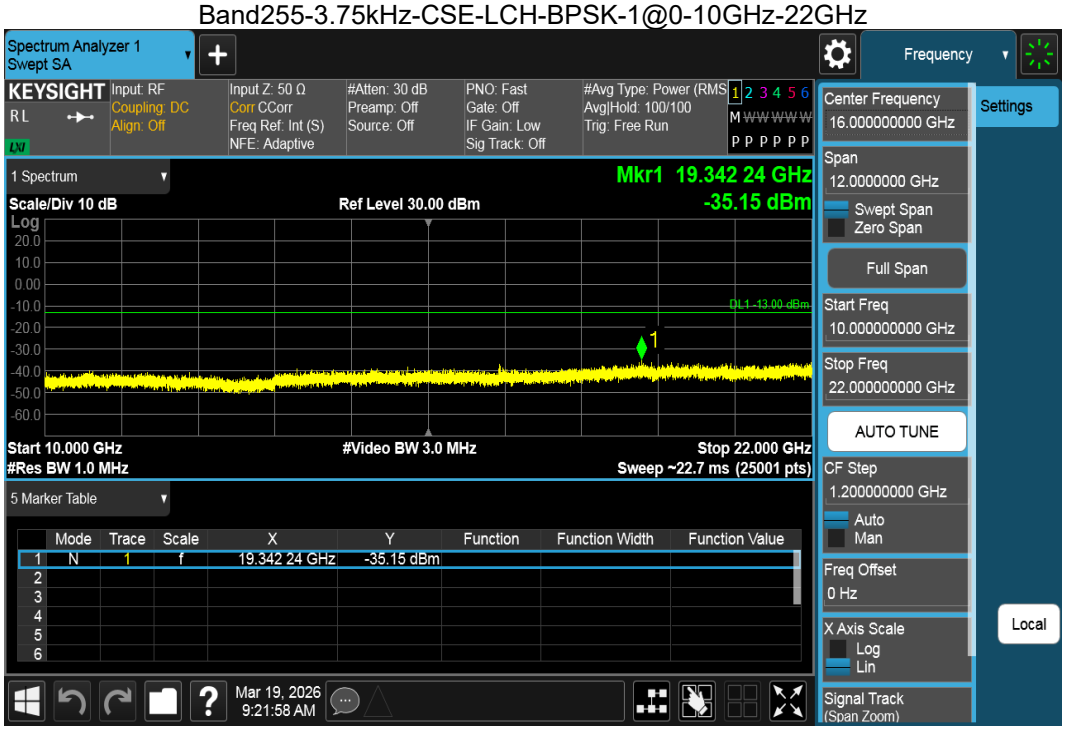
Band255-3.75kHz-CSE-LCH-QPSK-1@0-10GHz-22GHz



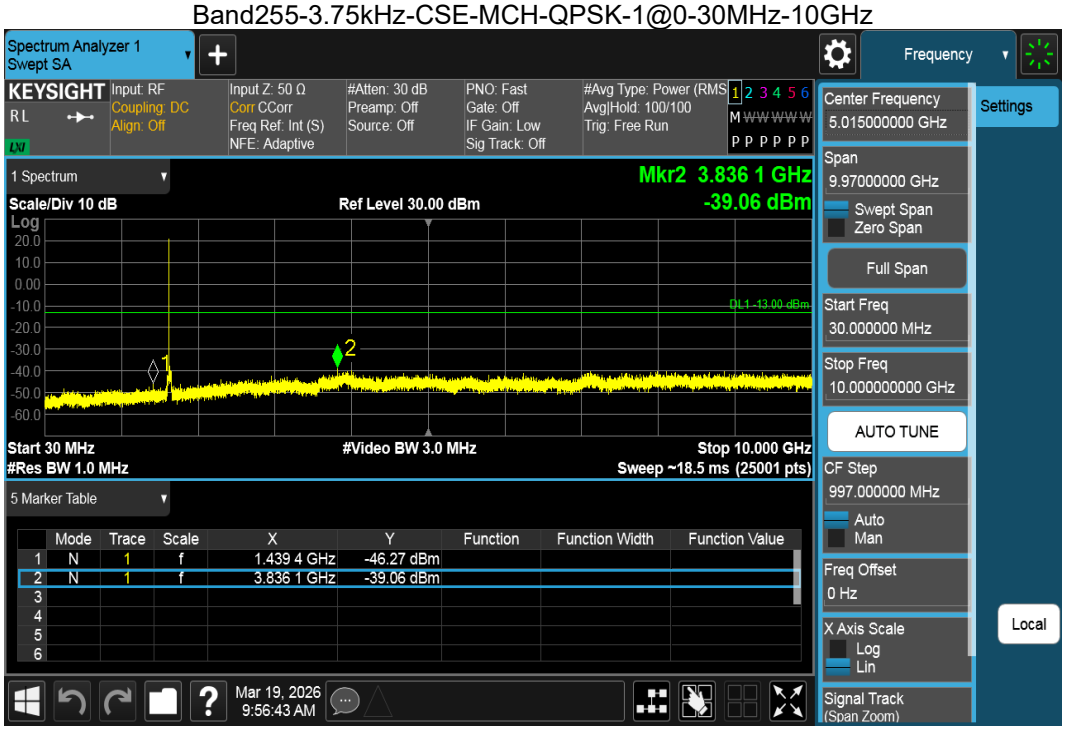
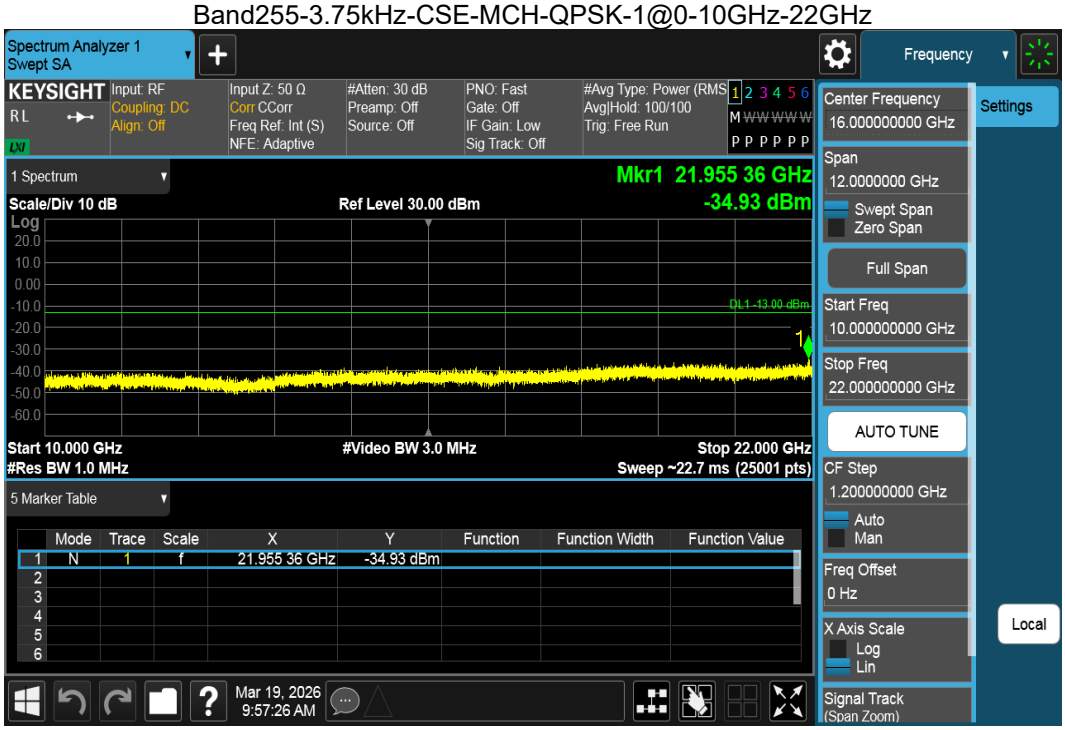
Band255-3.75kHz-CSE-LCH-BPSK-1@0-30MHz-10GHz



Band255-3.75kHz-CSE-LCH-BPSK-1@0-10GHz-22GHz



Band255-3.75kHz-CSE-MCH-QPSK-1@0-30MHz-10GHz



Band255-3.75kHz-CSE-MCH-QPSK-1@0-10GHz-22GHz