

Effective (Isotropic) Radiated Power Output Data

Band 255 SCS 15kHz					
Modulation	Frequency(MHz)	Ntones	Conducted Power(dBm)	Antenna Gain(dBi)	EIRP (dBm)
QPSK	1626.6	12@0	22.65	3.7	26.35
QPSK		1@0	22.63	3.7	26.33
QPSK		1@11	22.62	3.7	26.32
BPSK		1@0	22.66	3.7	26.36
BPSK		1@11	22.65	3.7	26.35
QPSK	1643.5	12@0	22.58	3.7	26.28
QPSK		1@0	22.65	3.7	26.35
QPSK		1@11	22.64	3.7	26.34
BPSK		1@0	22.65	3.7	26.35
BPSK		1@11	22.66	3.7	26.36
QPSK	1660.4	12@0	22.64	3.7	26.34
QPSK		1@0	22.65	3.7	26.35
QPSK		1@11	22.66	3.7	26.36
BPSK		1@0	22.63	3.7	26.33
BPSK		1@11	22.65	3.7	26.35

Band 255 SCS 3.75kHz					
Modulation	Frequency(MHz)	Ntones	Conducted Power(dBm)	Antenna Gain(dBi)	EIRP (dBm)
QPSK	1626.6	1@0	22.76	3.7	26.46
QPSK		1@47	22.44	3.7	26.14
BPSK		1@0	22.56	3.7	26.26
BPSK		1@47	22.24	3.7	25.94
QPSK	1643.5	1@0	22.74	3.7	26.44
QPSK		1@47	22.68	3.7	26.38
BPSK		1@0	22.59	3.7	26.29
BPSK		1@47	22.41	3.7	26.11
QPSK	1660.4	1@0	22.55	3.7	26.25
QPSK		1@47	22.72	3.7	26.42
BPSK		1@0	22.74	3.7	26.44
BPSK		1@47	22.54	3.7	26.24

99% & 26dB Bandwidth

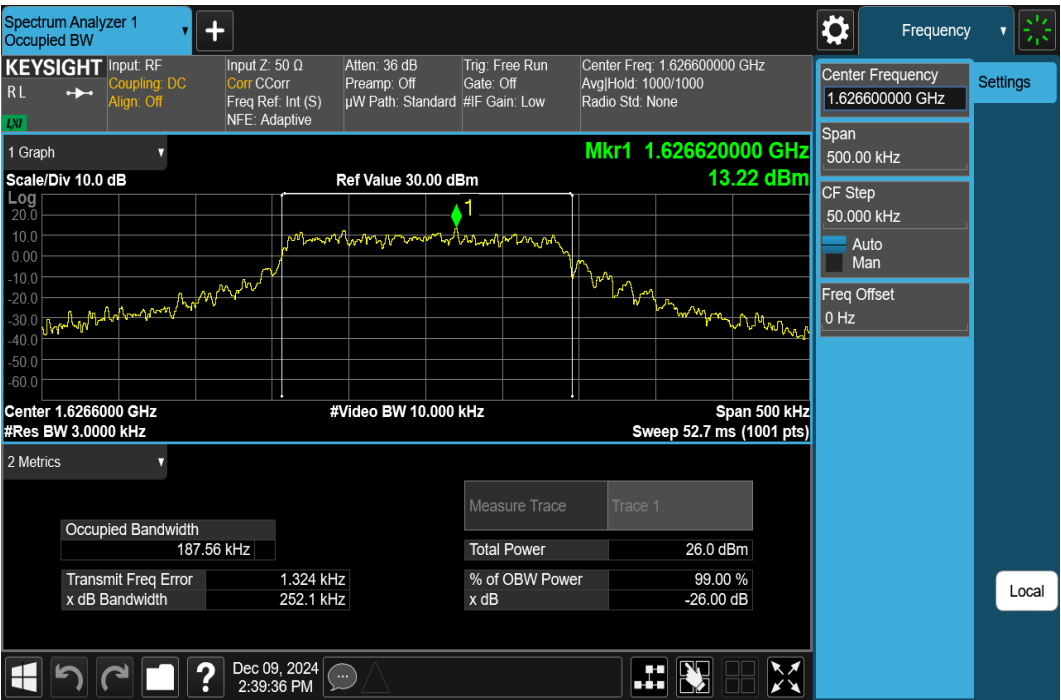
Test Result

Band 255 SCS 15kHz						
Modulation	CH	N _{tones} Allocation	99% Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit (kHz)	Verdict
QPSK	Low CH	12@0	187.56	252.1	/	Pass
QPSK		1@0	68.921	90.77	/	Pass
QPSK		1@11	75.326	102.8	/	Pass
BPSK		1@0	70.752	100.2	/	Pass
BPSK		1@11	72.654	101.9	/	Pass
QPSK	Middle CH	12@0	185.46	264.7	/	Pass
QPSK		1@0	75.016	101.8	/	Pass
QPSK		1@11	72.988	99.62	/	Pass
BPSK		1@0	71.988	90.22	/	Pass
BPSK		1@11	73.192	100.0	/	Pass
QPSK	High CH	12@0	185.72	264.0	/	Pass
QPSK		1@0	73.467	102.7	/	Pass
QPSK		1@11	70.197	89.43	/	Pass
BPSK		1@0	72.666	92.06	/	Pass
BPSK		1@11	70.214	89.84	/	Pass

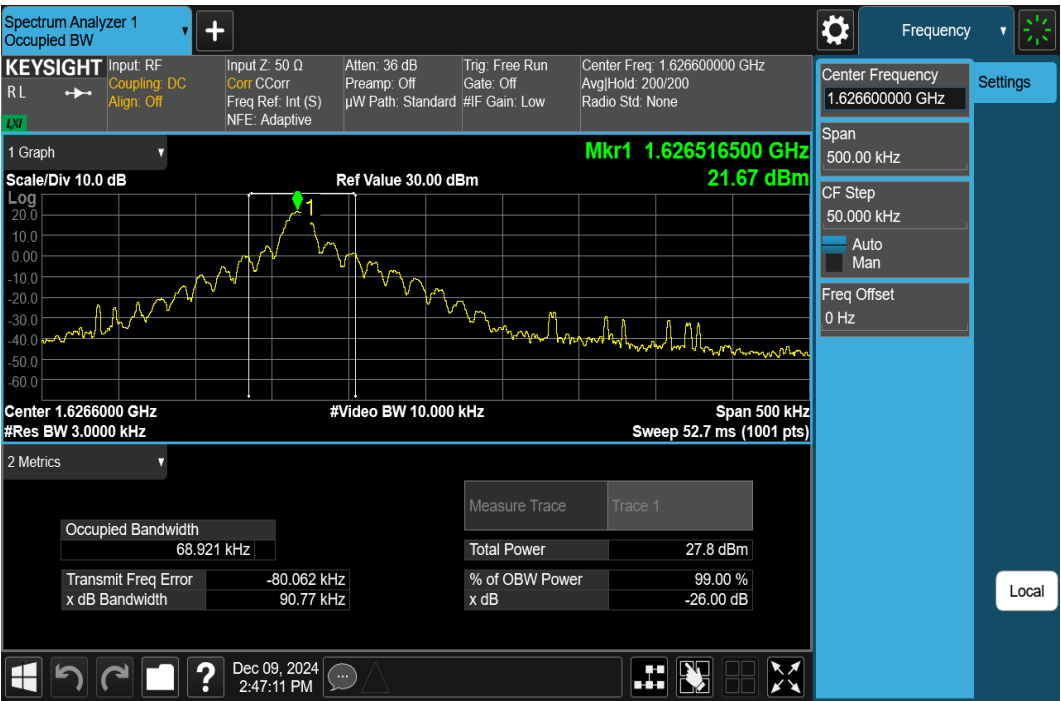
Band 255 SCS 3.75kHz						
Modulation	CH	N _{tones} Allocation	99% Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit (kHz)	Verdict
QPSK	Low CH	1@0	27.335	28.84	/	Pass
QPSK		1@47	40.05	40.86	/	Pass
BPSK		1@0	27.019	25.91	/	Pass
BPSK		1@47	39.081	35.08	/	Pass
QPSK	Middle CH	1@0	40.178	40.84	/	Pass
QPSK		1@47	40.881	41.04	/	Pass
BPSK		1@0	38.709	34.80	/	Pass
BPSK		1@47	39.079	35.22	/	Pass
QPSK	High CH	1@0	40.454	41.06	/	Pass
QPSK		1@47	27.168	28.51	/	Pass
BPSK		1@0	38.836	34.92	/	Pass
BPSK		1@47	26.869	25.66	/	Pass

Test graph

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



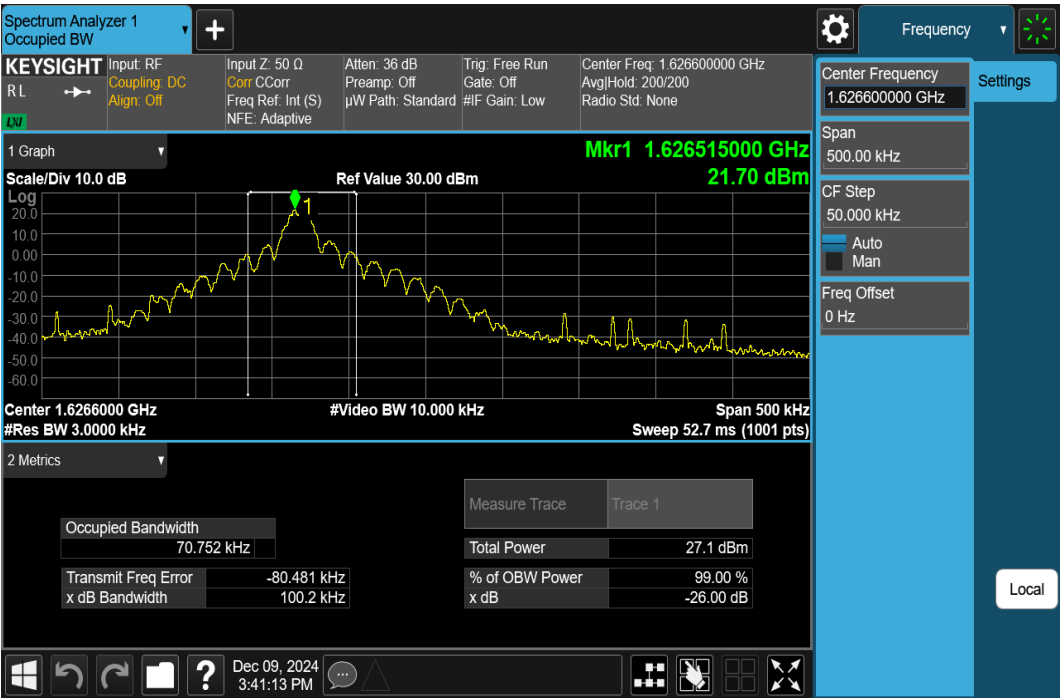
Band255-15kHz-OBW-LCH-QPSK-1@0



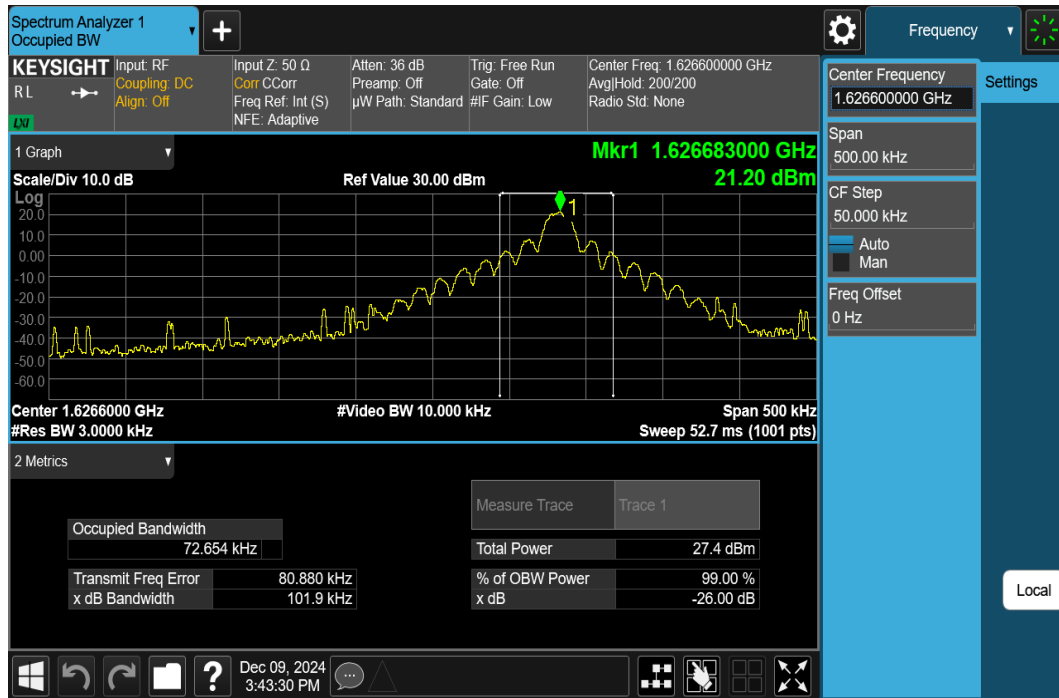
Band255-15kHz-OBW-LCH-QPSK-1@11



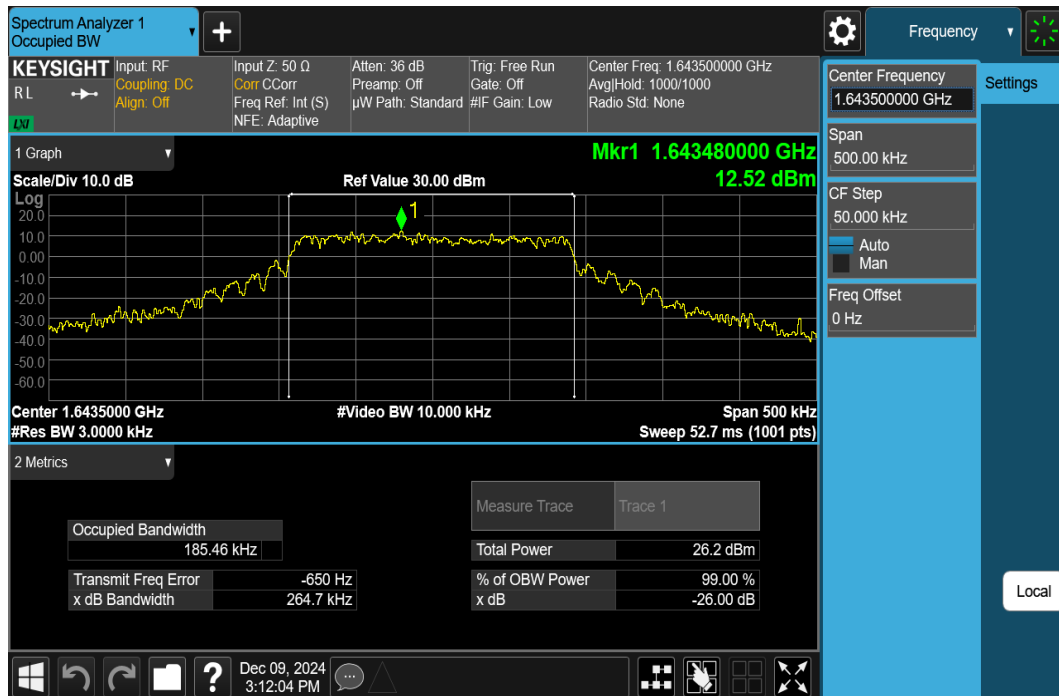
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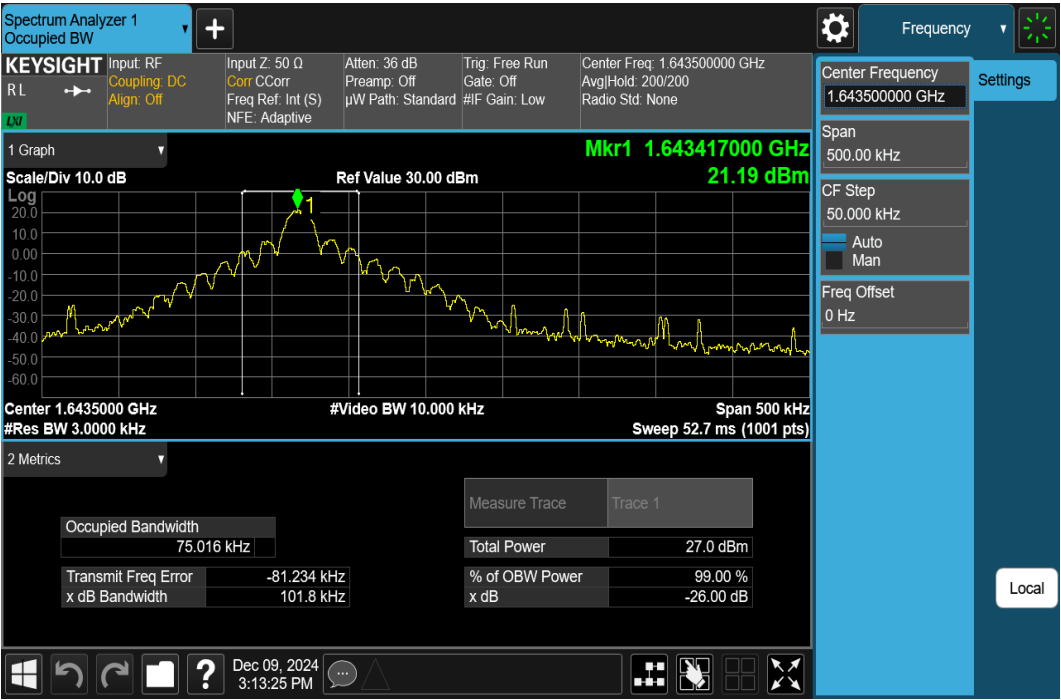
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Band255-15kHz-OBW-MCH-QPSK-12@0



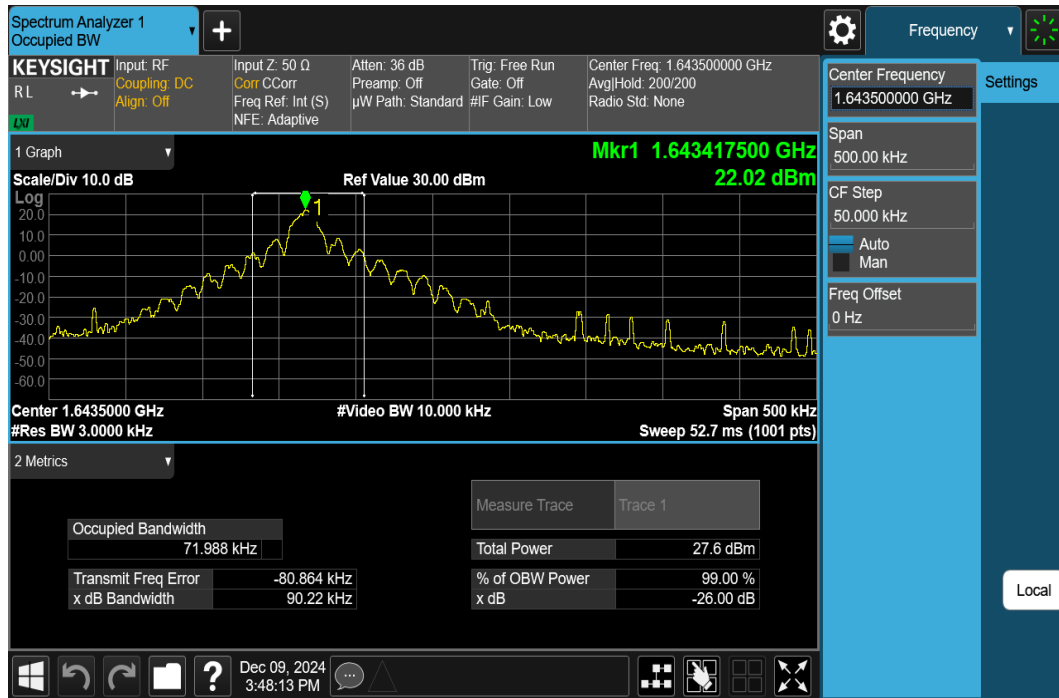
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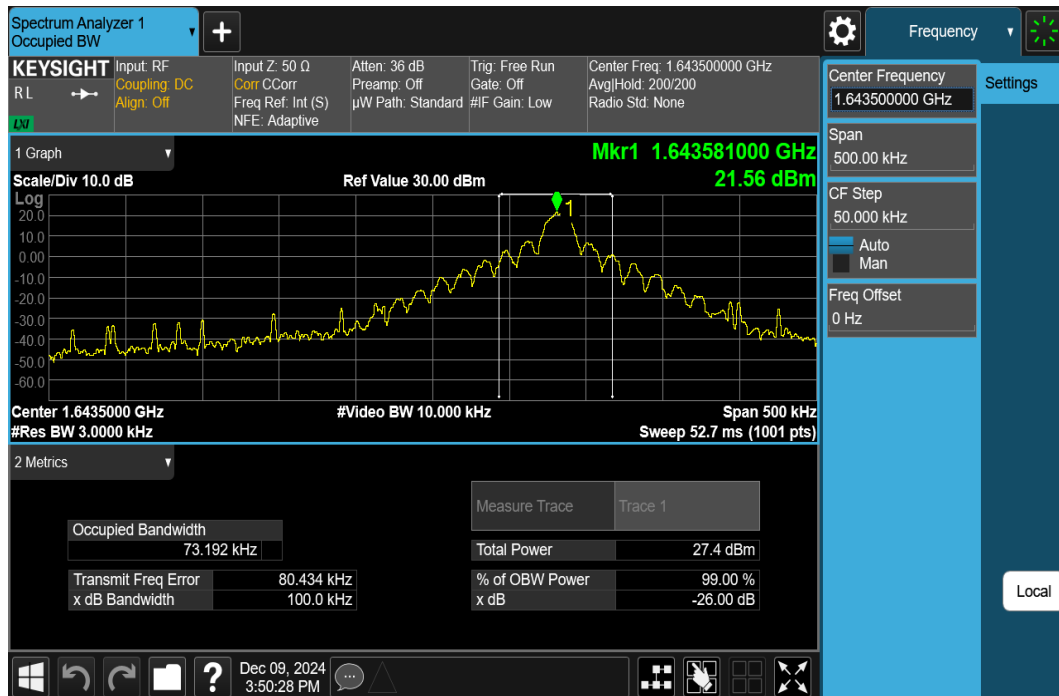
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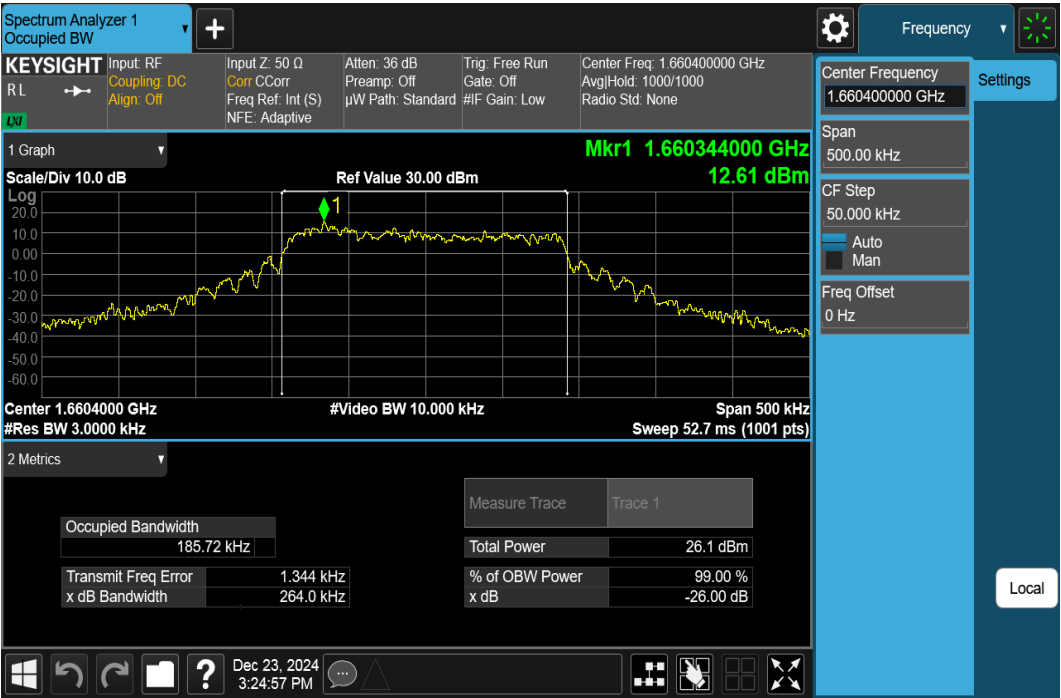
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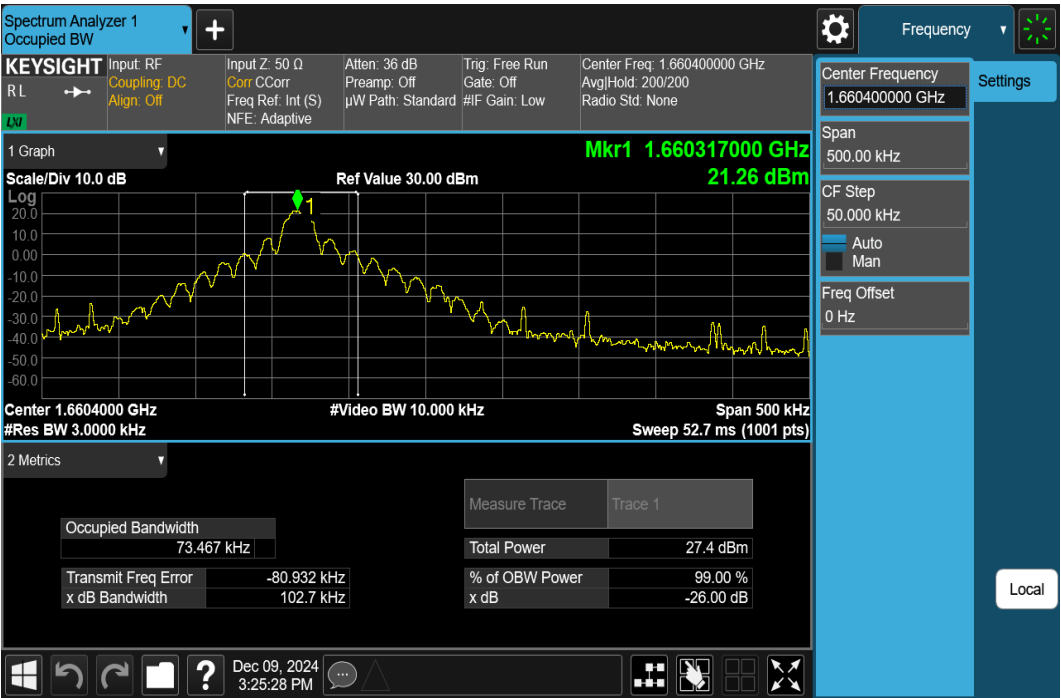
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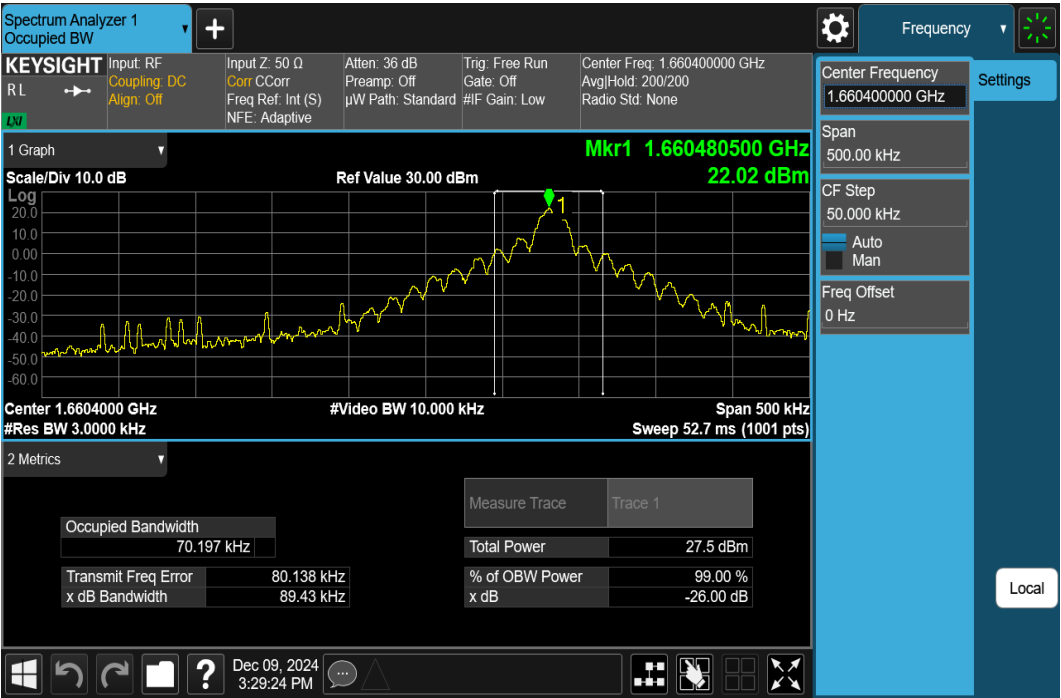
Band255-15kHz-OBW-HCH-QPSK-12@0



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



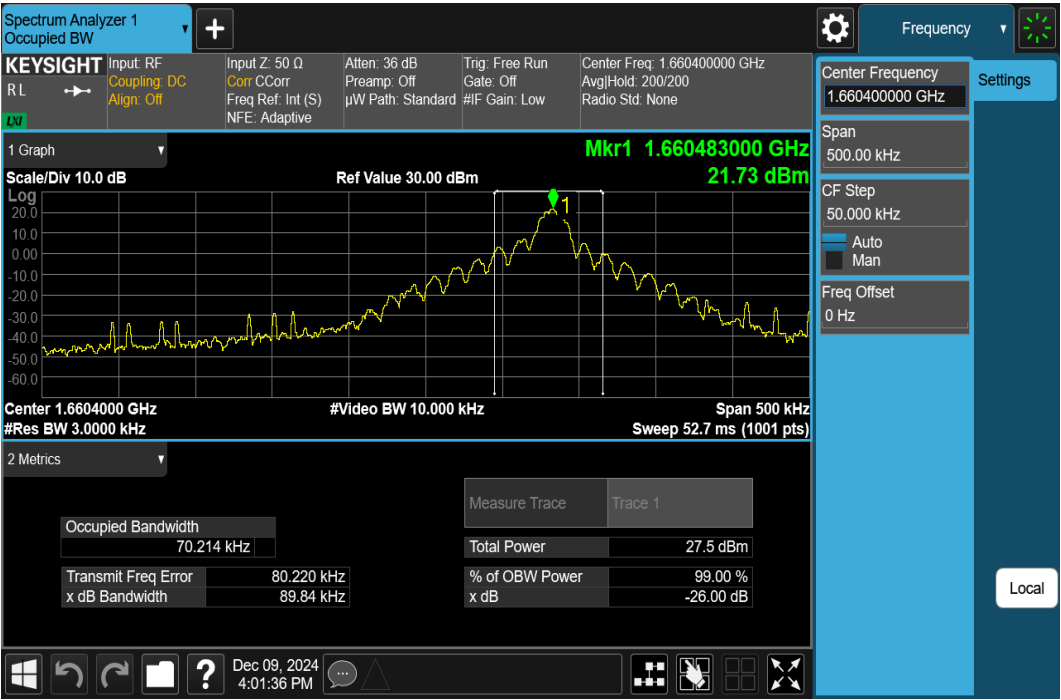
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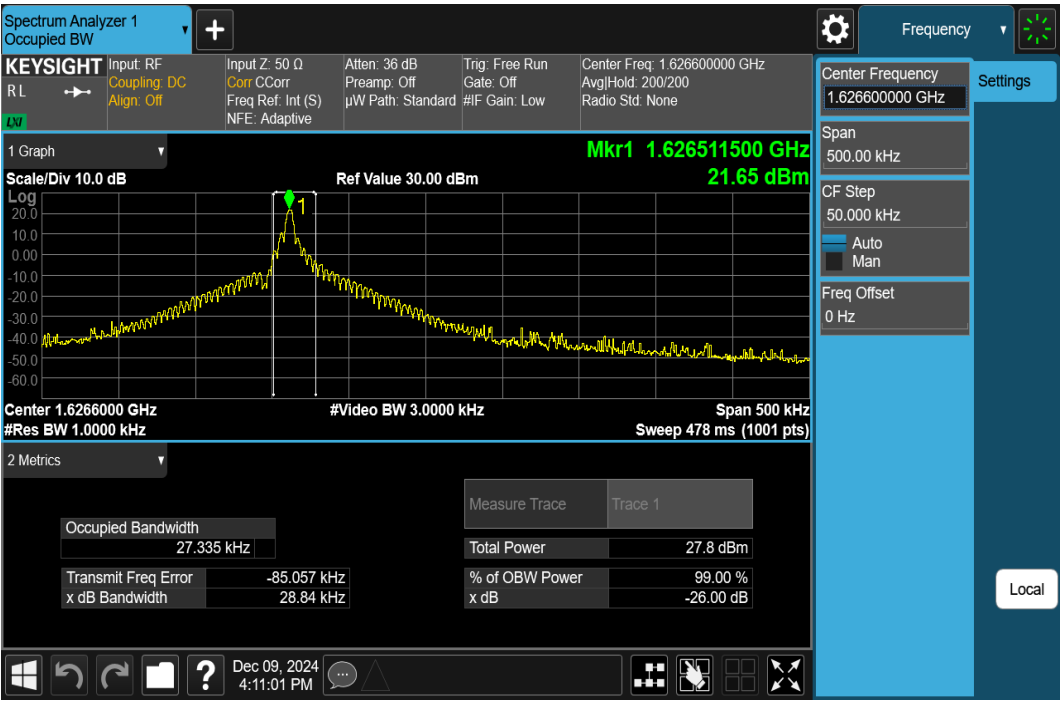
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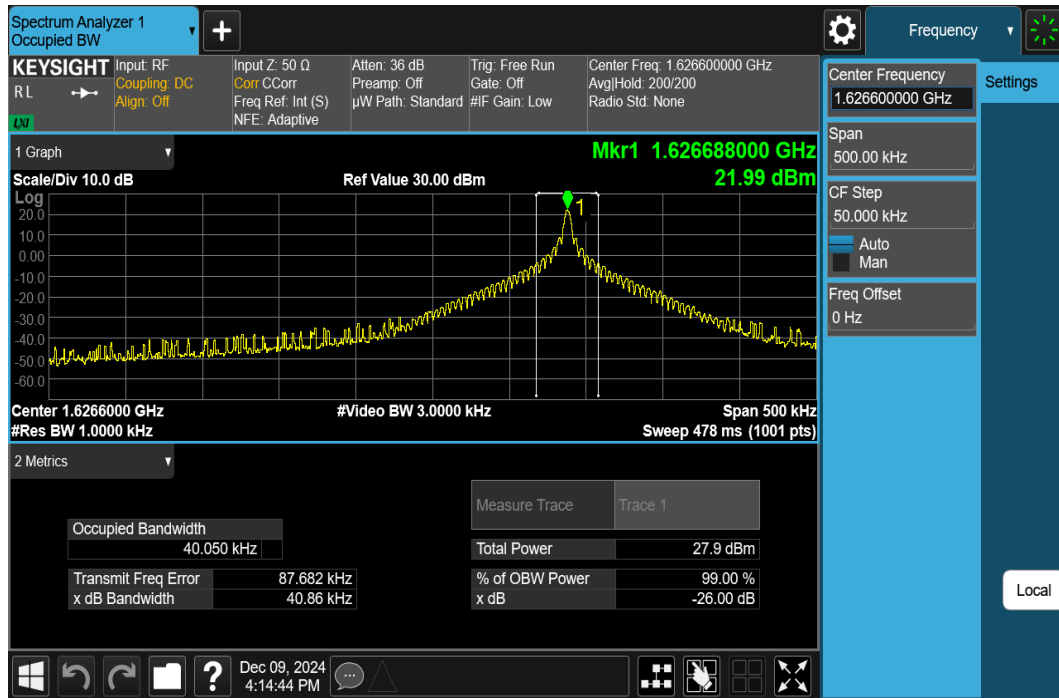
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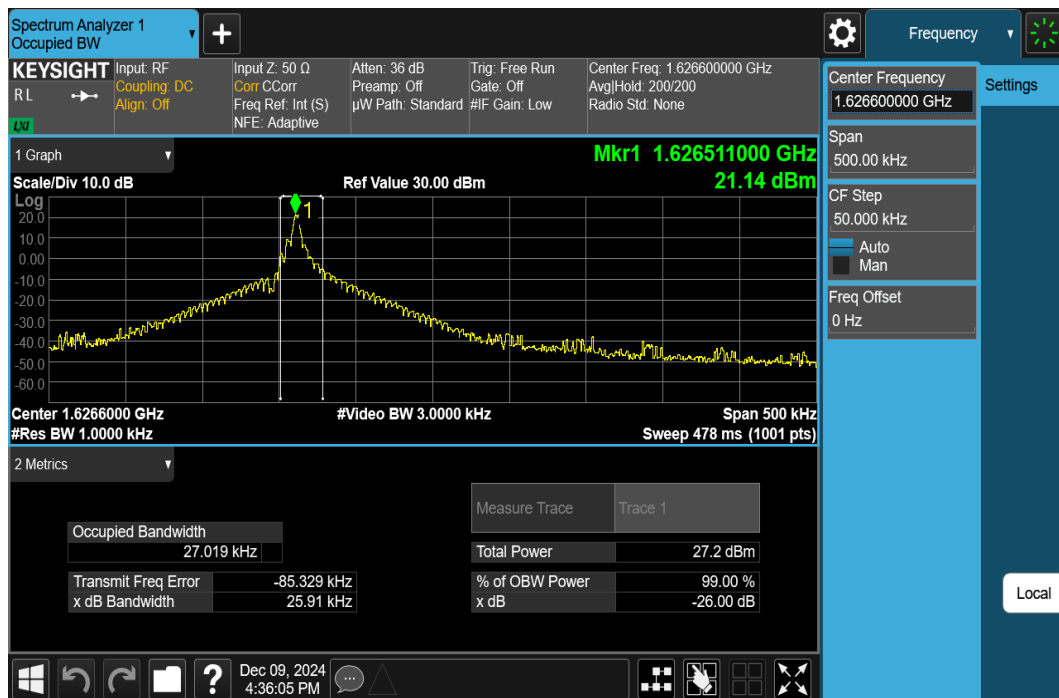
Band255-3.75kHz-OBW-LCH-QPSK-1@0



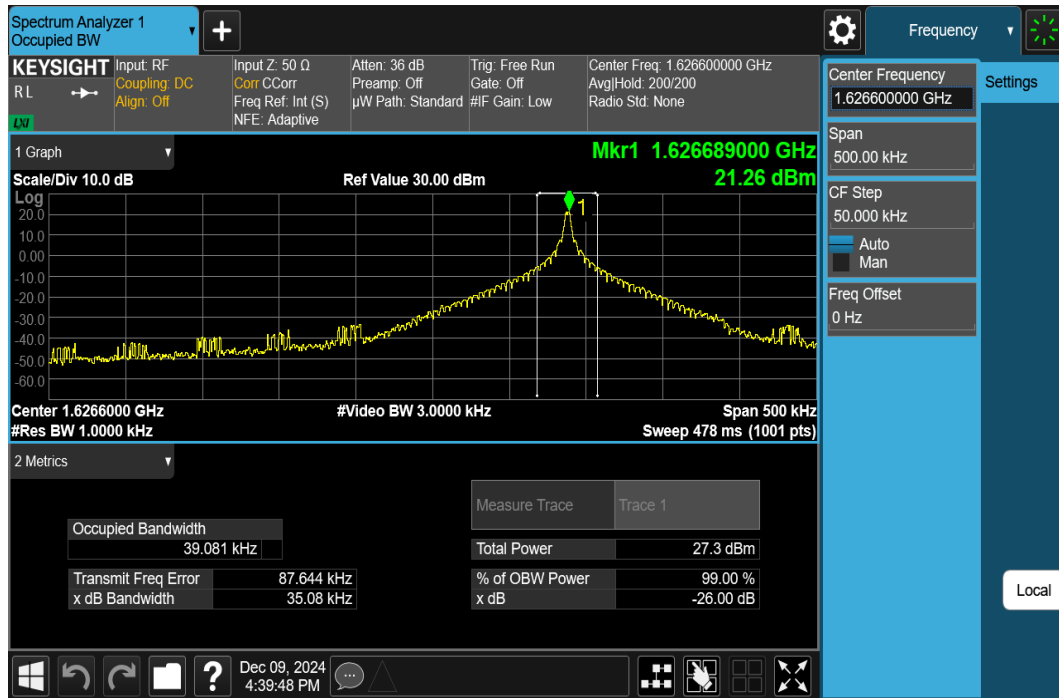
Band255-3.75kHz-OBW-LCH-QPSK-1@47



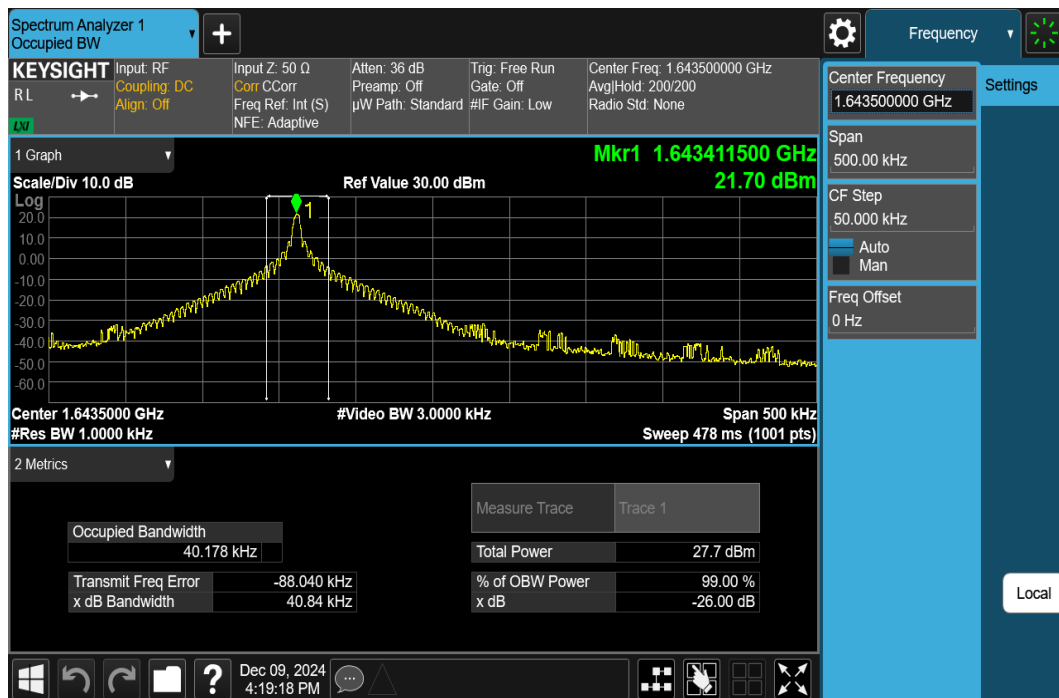
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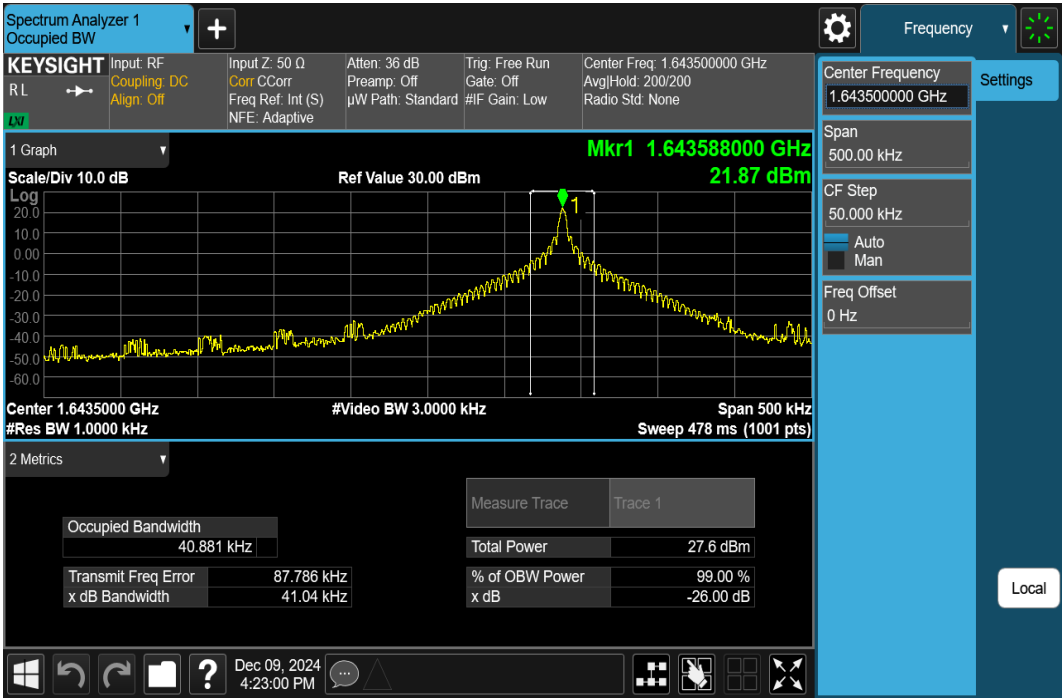
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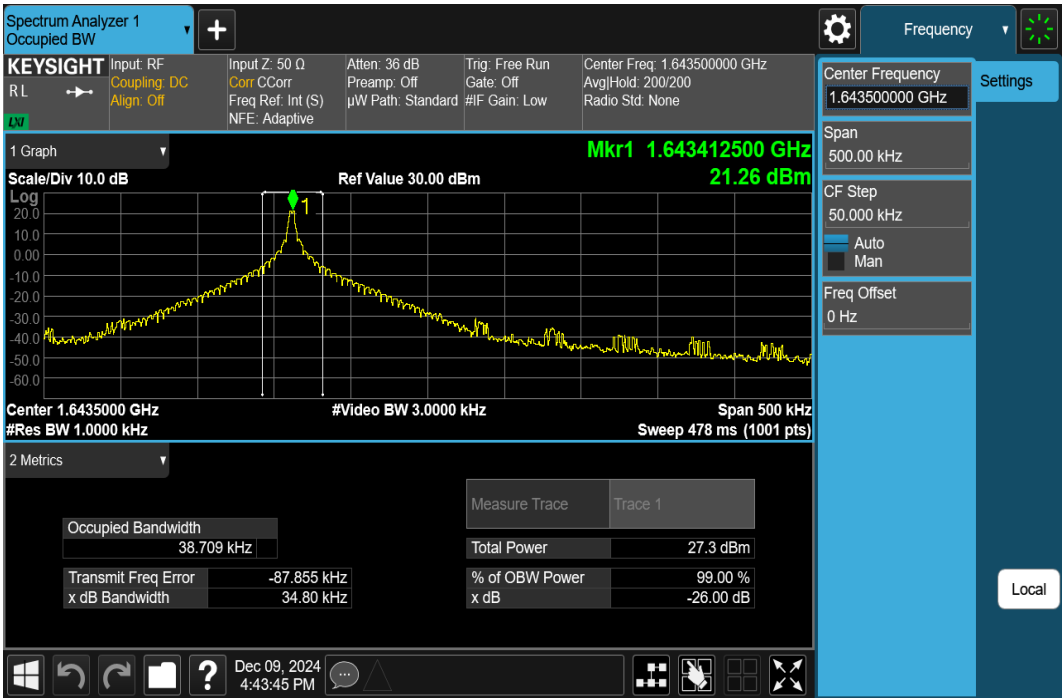
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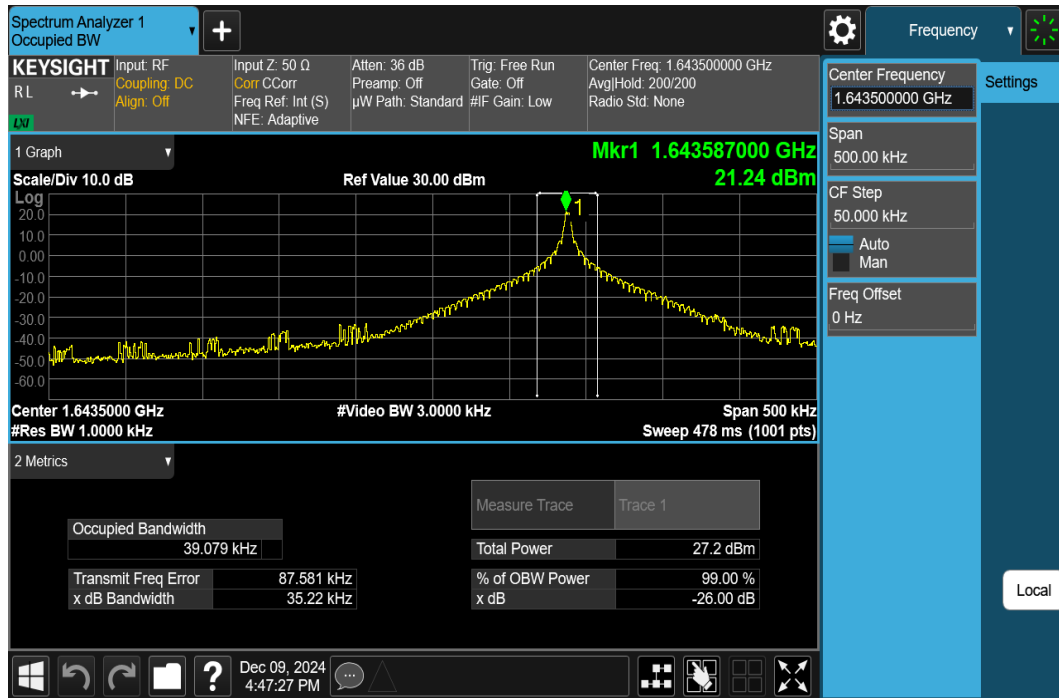
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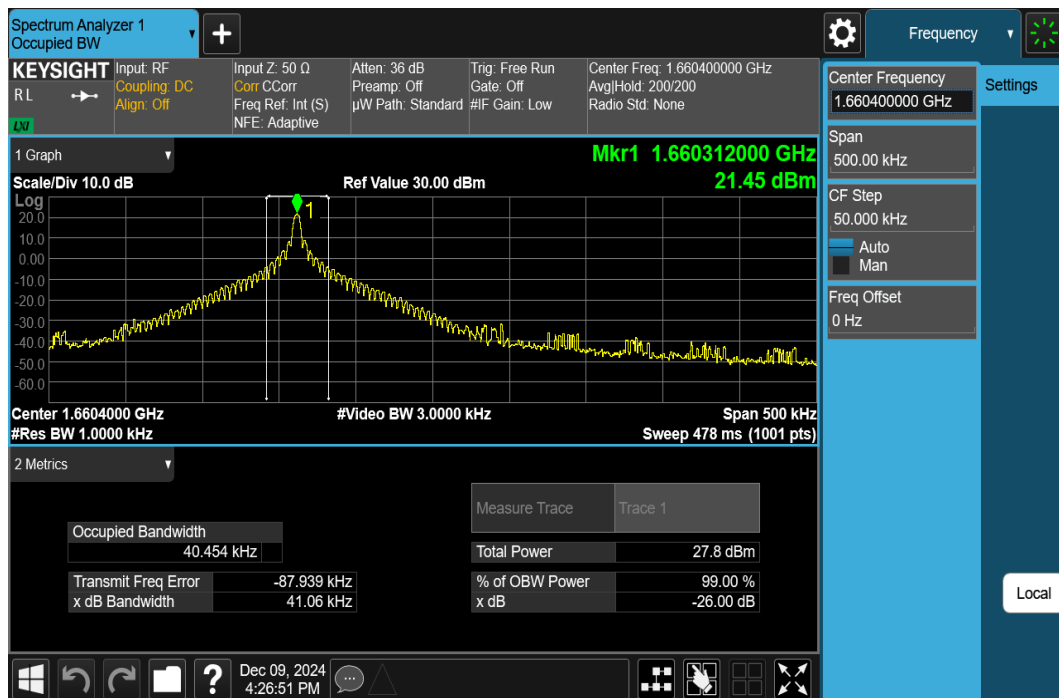
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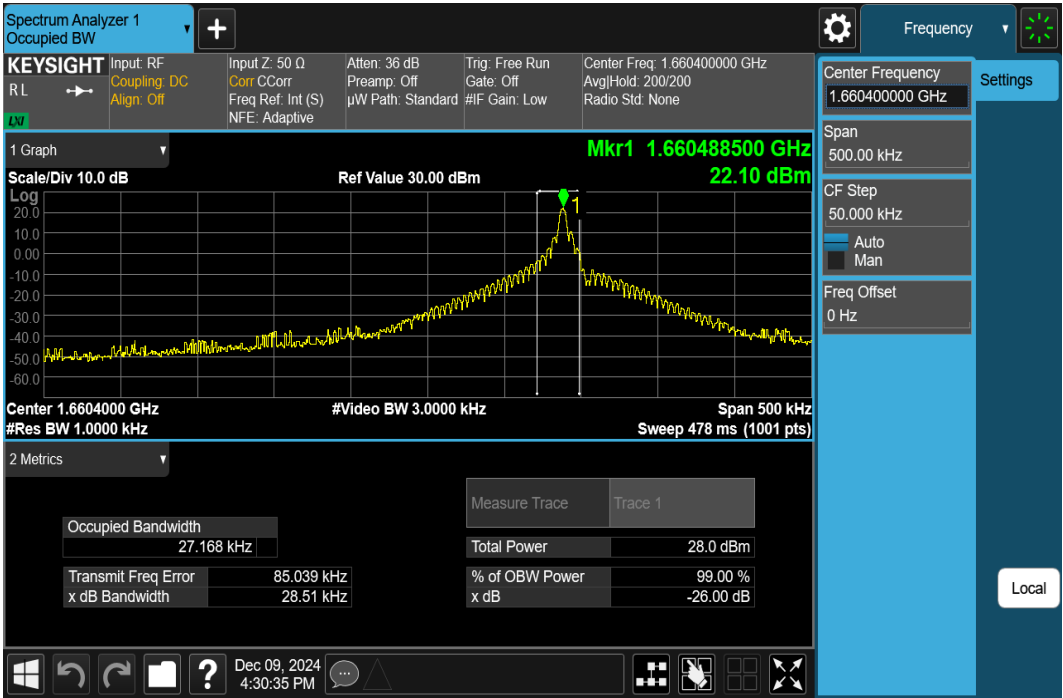
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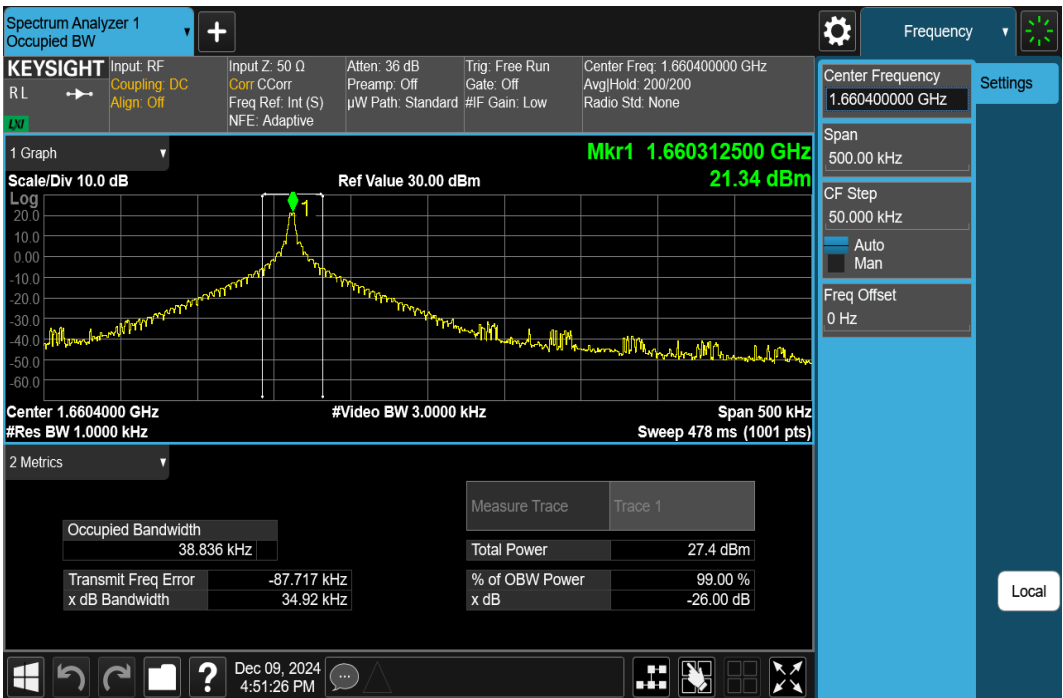
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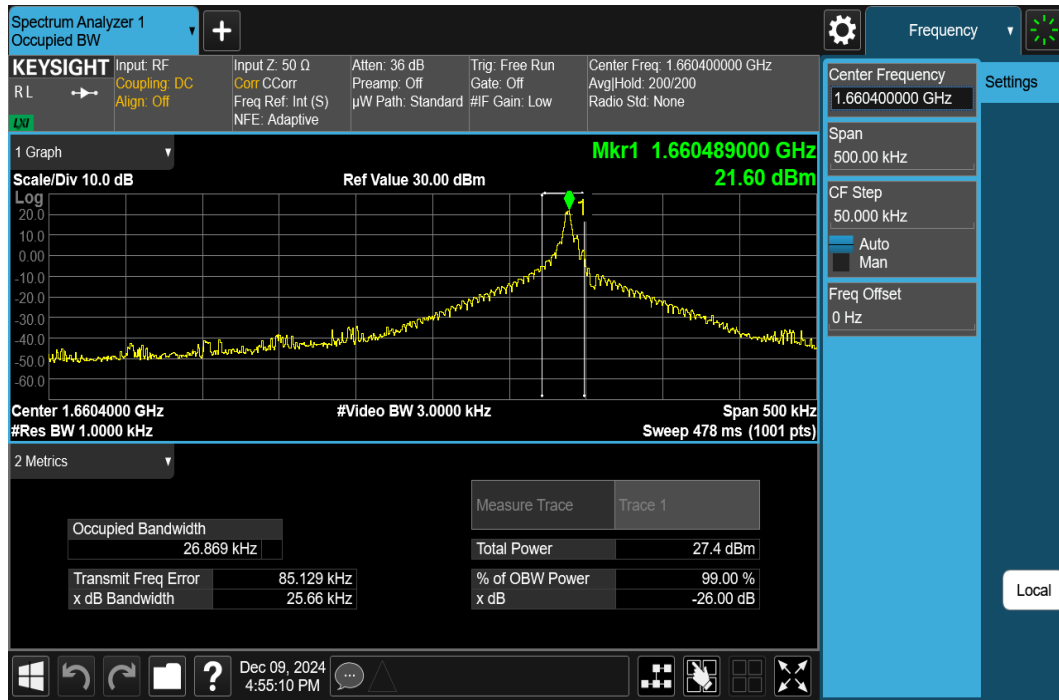
Band255-3.75kHz-OBW-HCH-QPSK-1@47



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

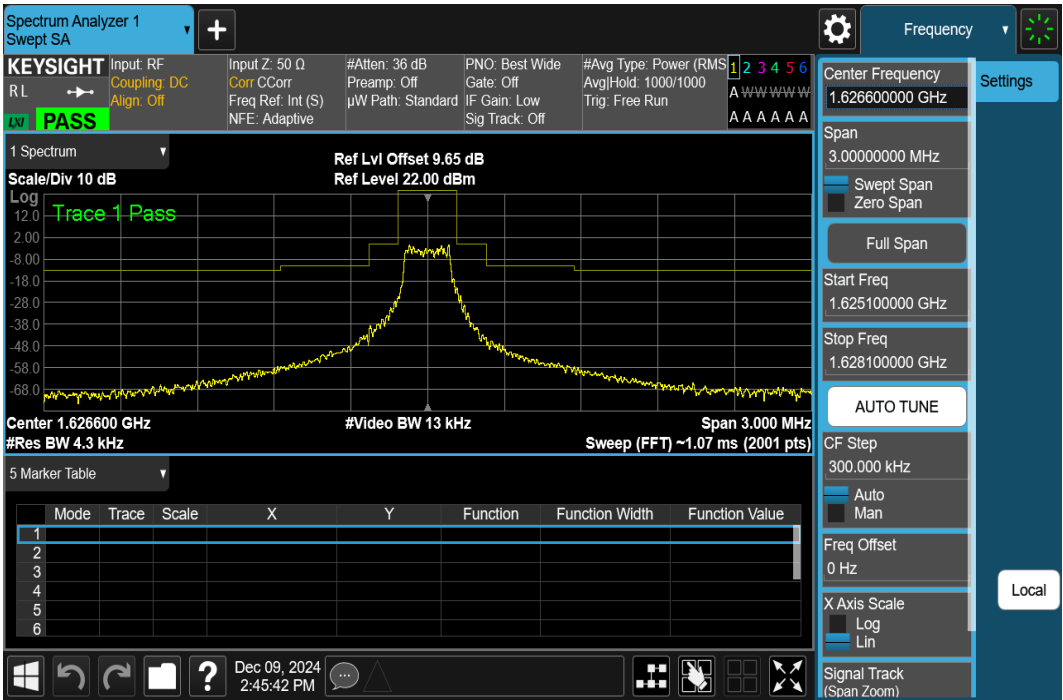


Band255-3.75kHz-OBW-HCH-BPSK-1@47

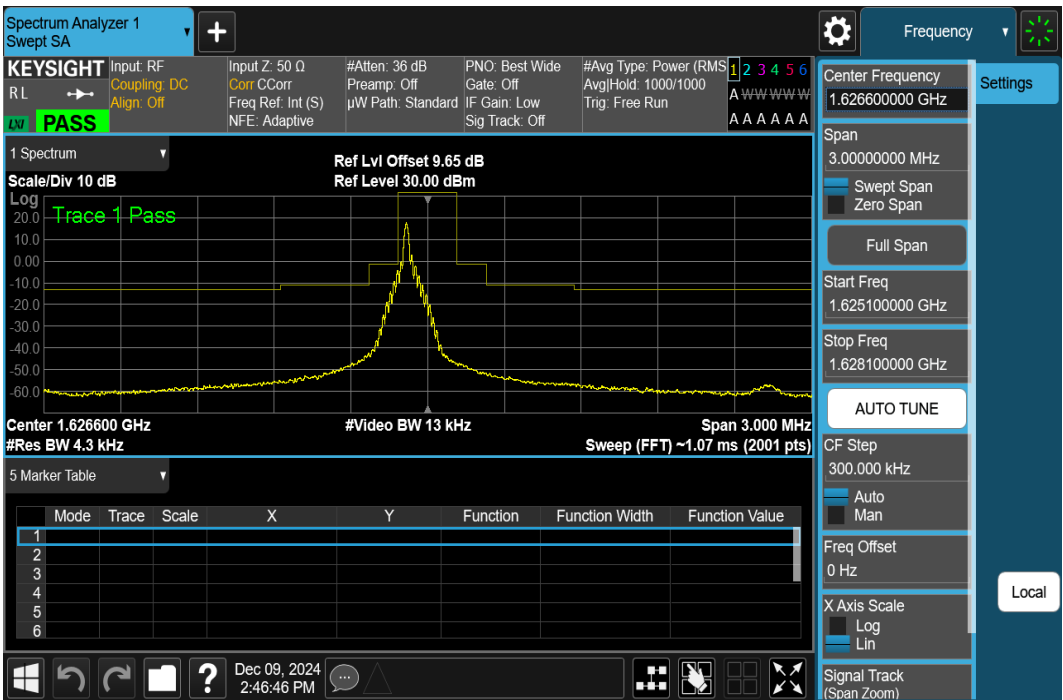


Emission mask test Graph

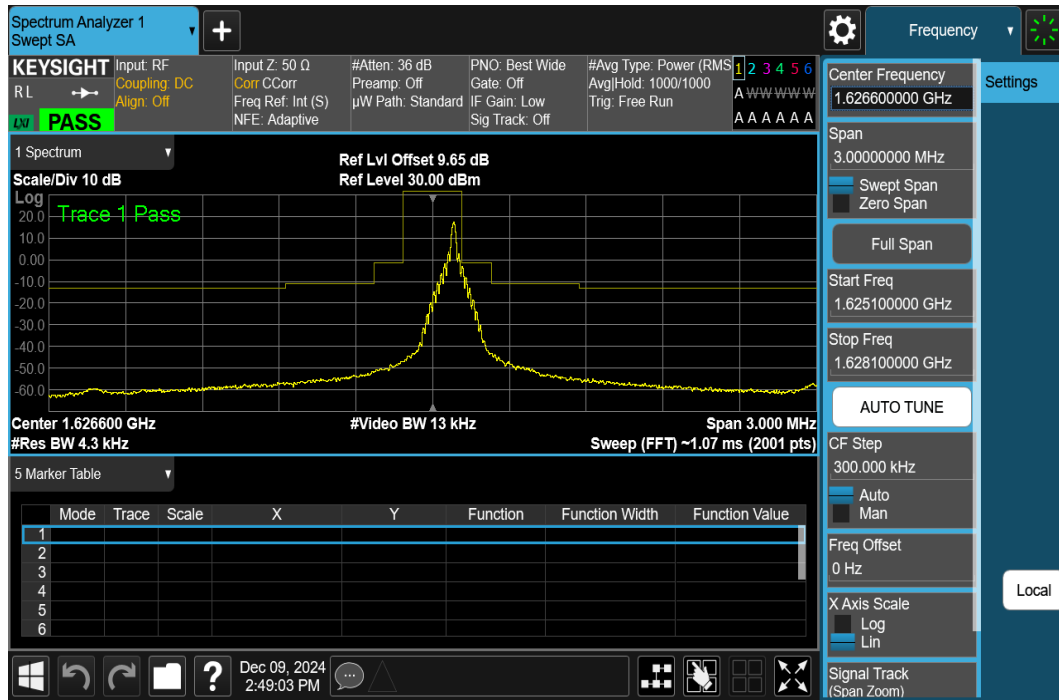
Band255-15kHz-MASK-LCH-QPSK-12@0



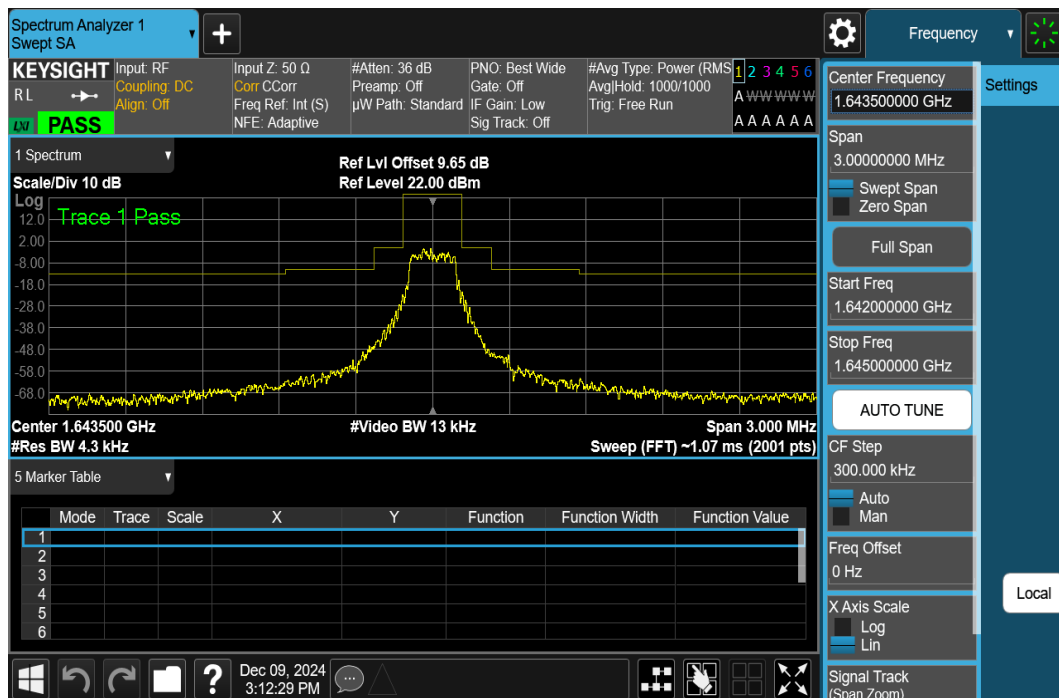
Band255-15kHz-MASK-LCH-QPSK-1@0



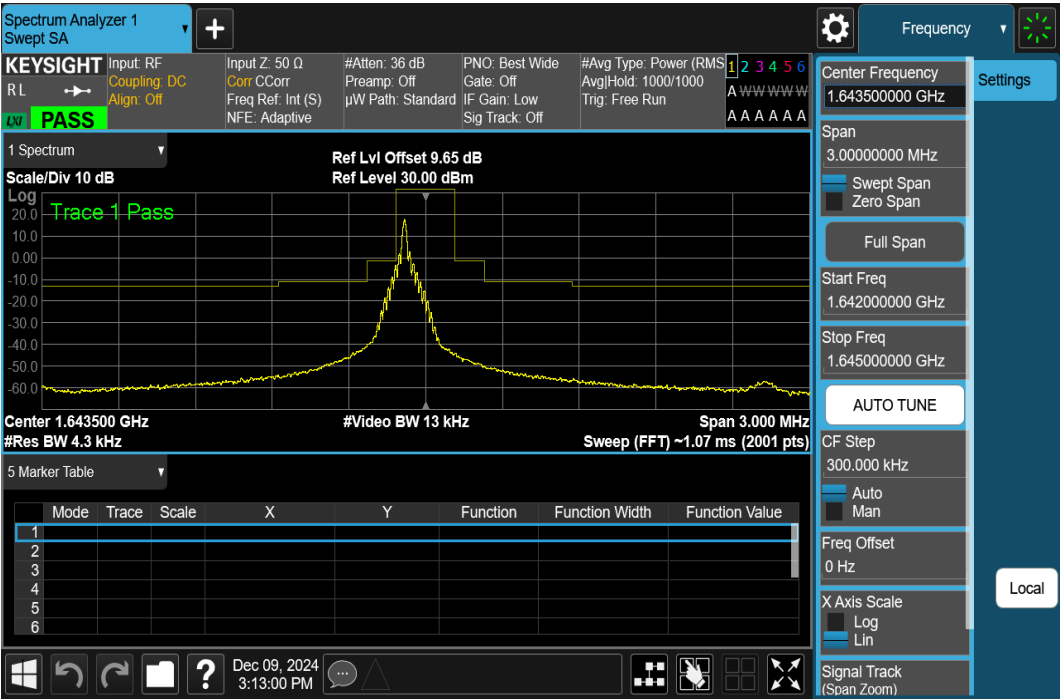
Band255-15kHz-MASK-LCH-QPSK-1@11



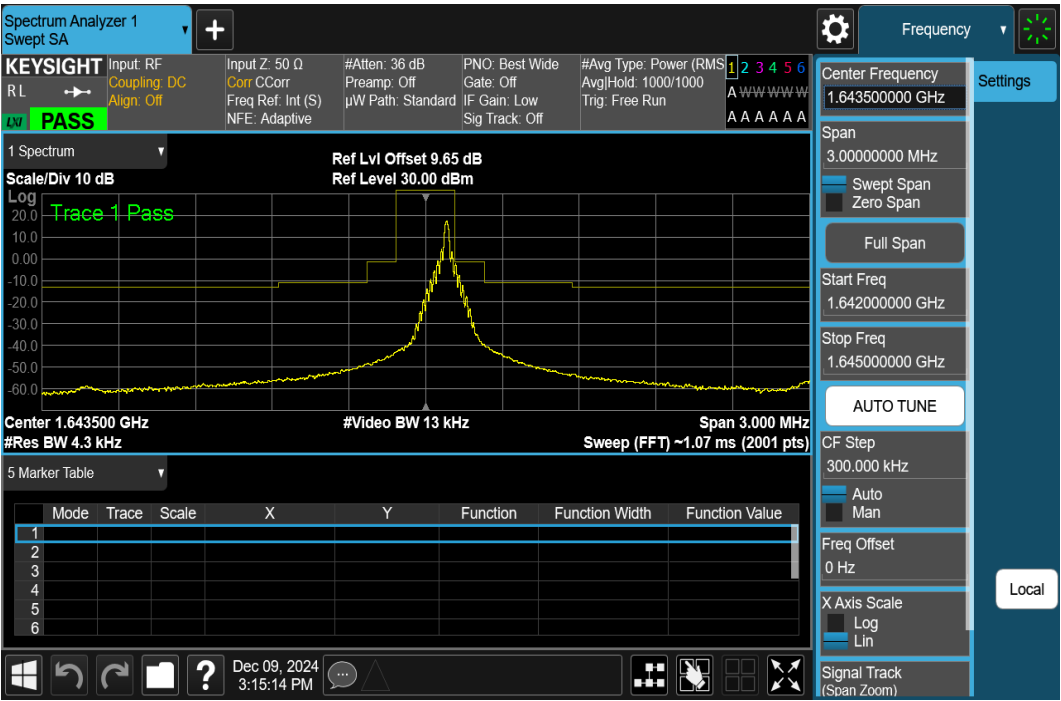
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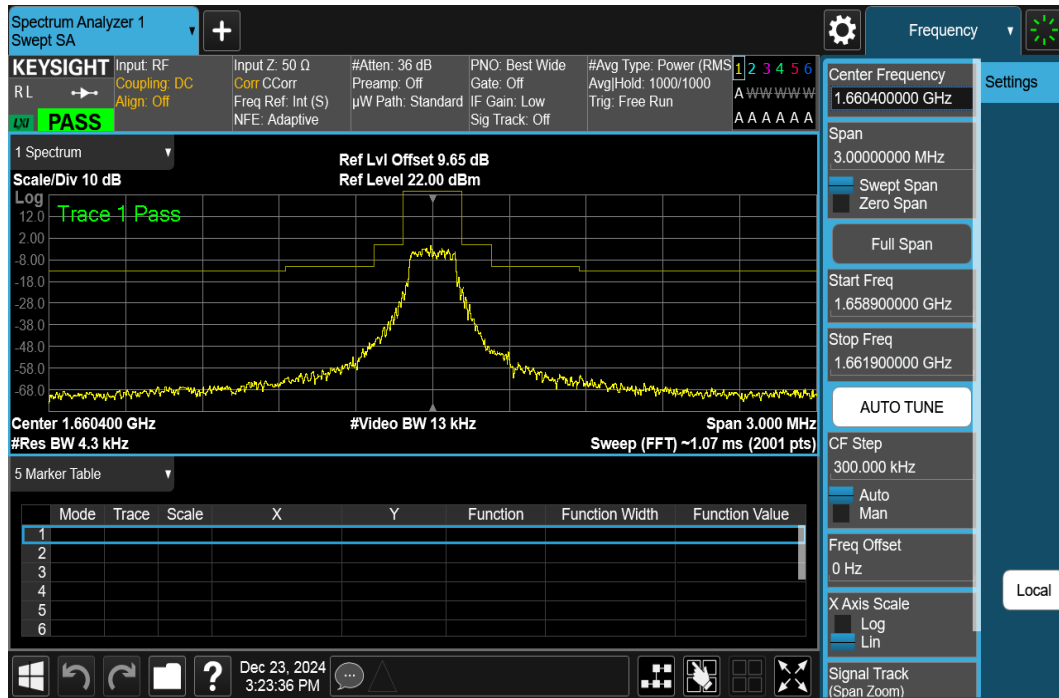
Band255-15kHz-MASK-MCH-QPSK-1@0



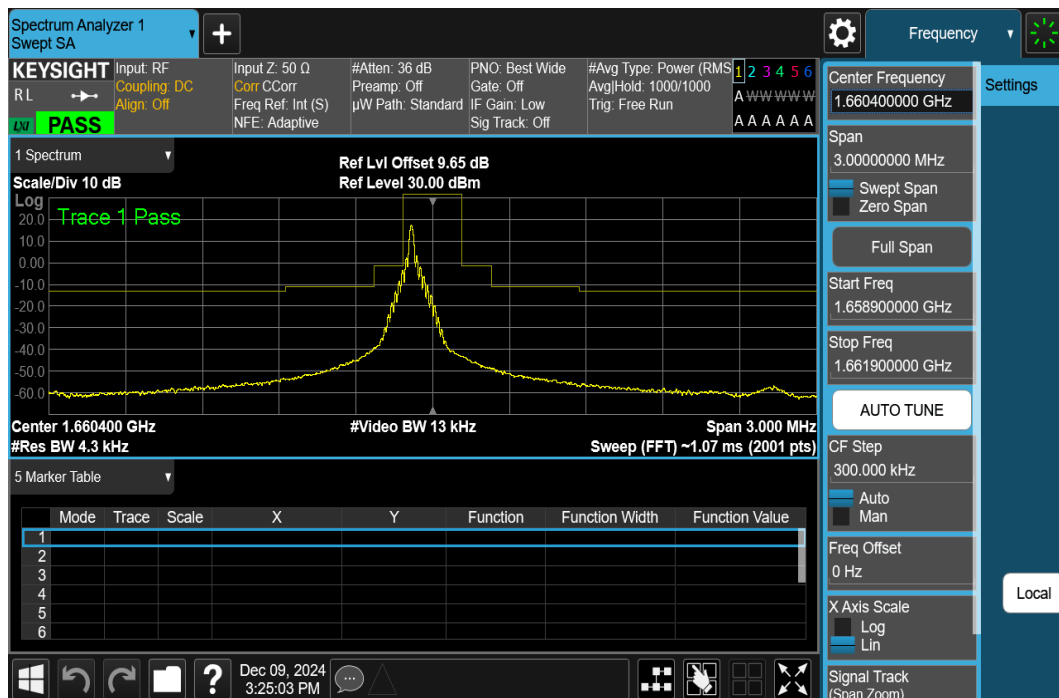
Band255-15kHz-MASK-MCH-QPSK-1@11



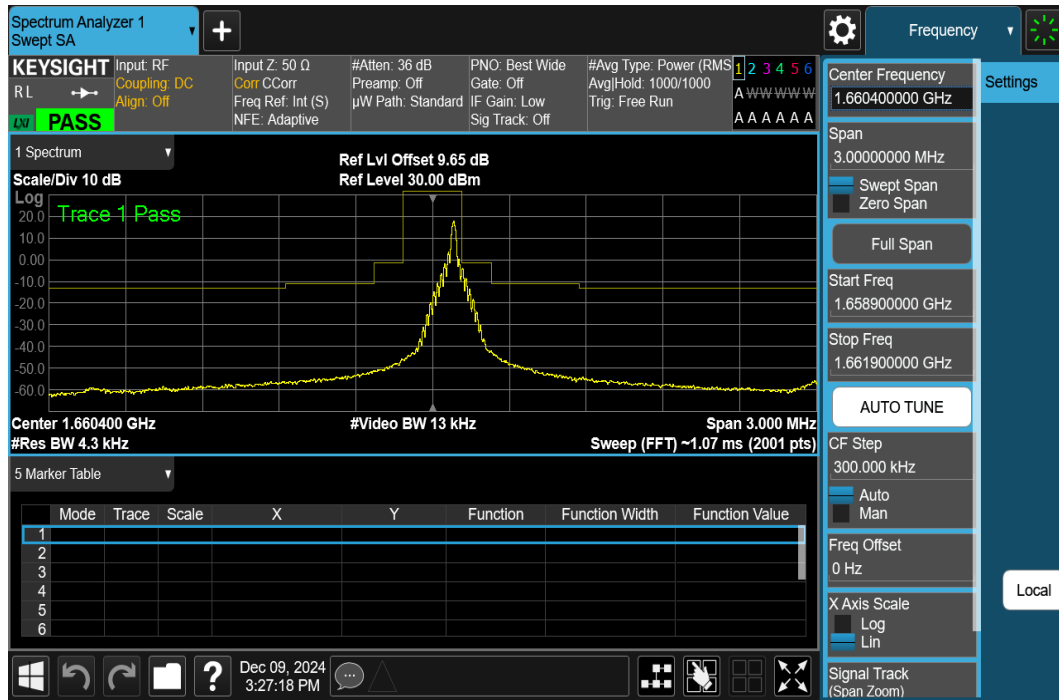
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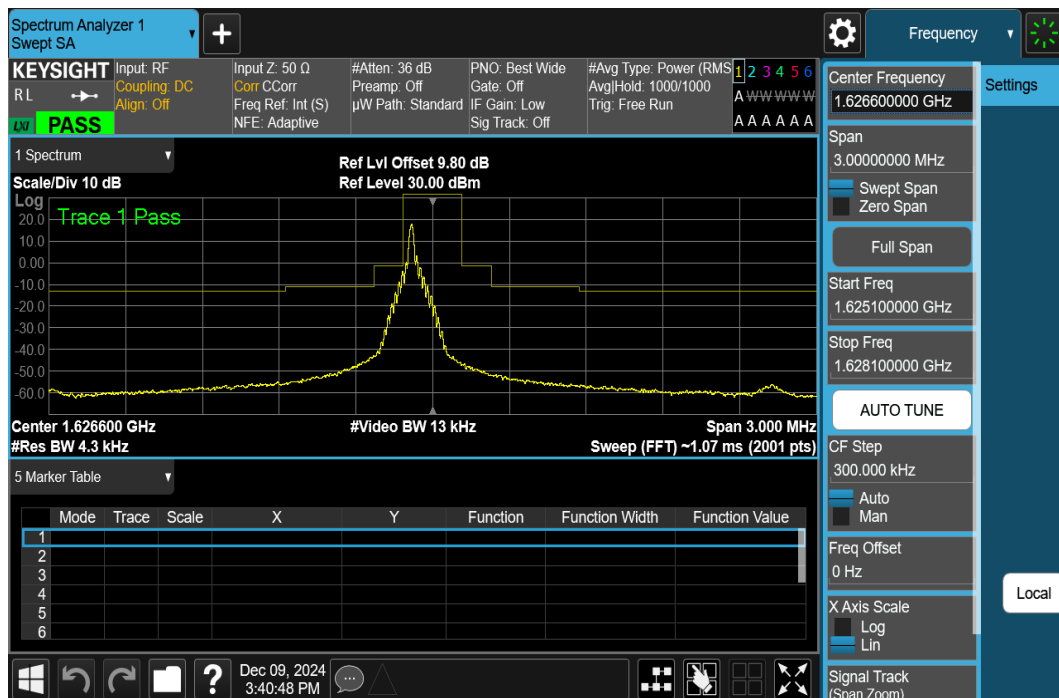
Band255-15kHz-MASK-HCH-QPSK-1@0



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



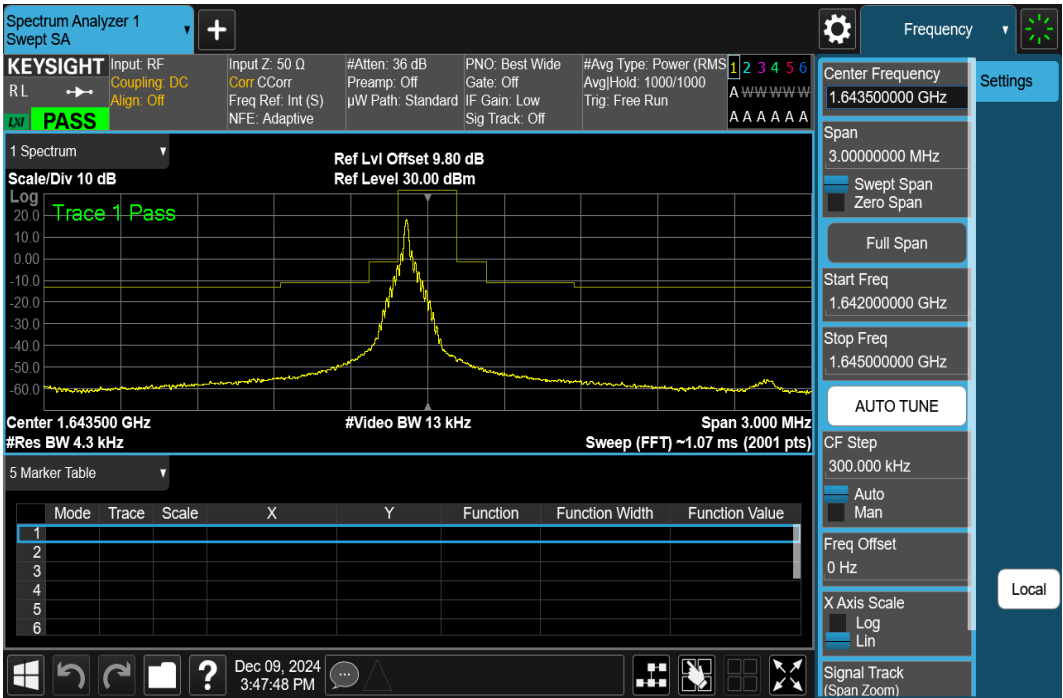
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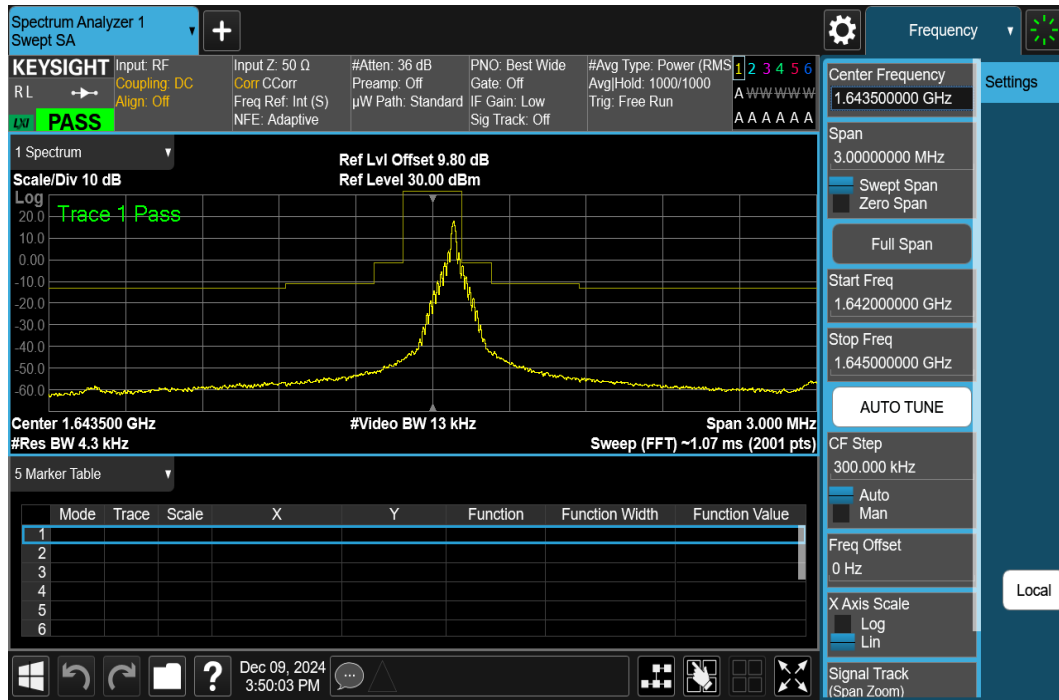
Band255-15kHz-MASK-LCH-BPSK-1@11



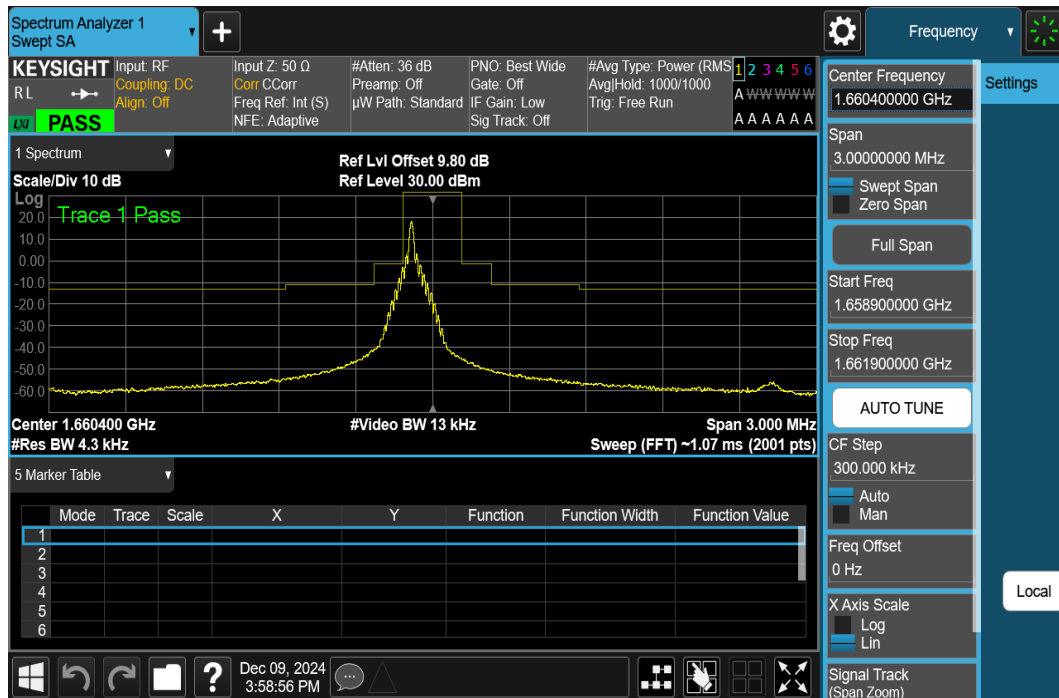
Band255-15kHz-MASK-MCH-BPSK-1@0



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



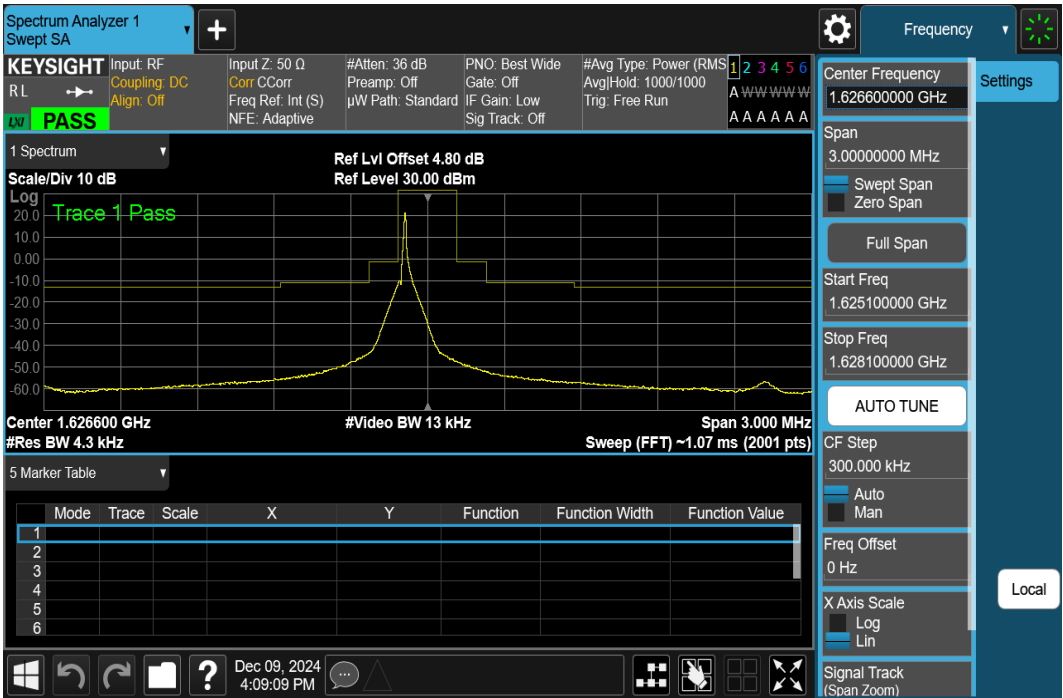
Band255-15kHz-MASK-HCH-BPSK-1@0



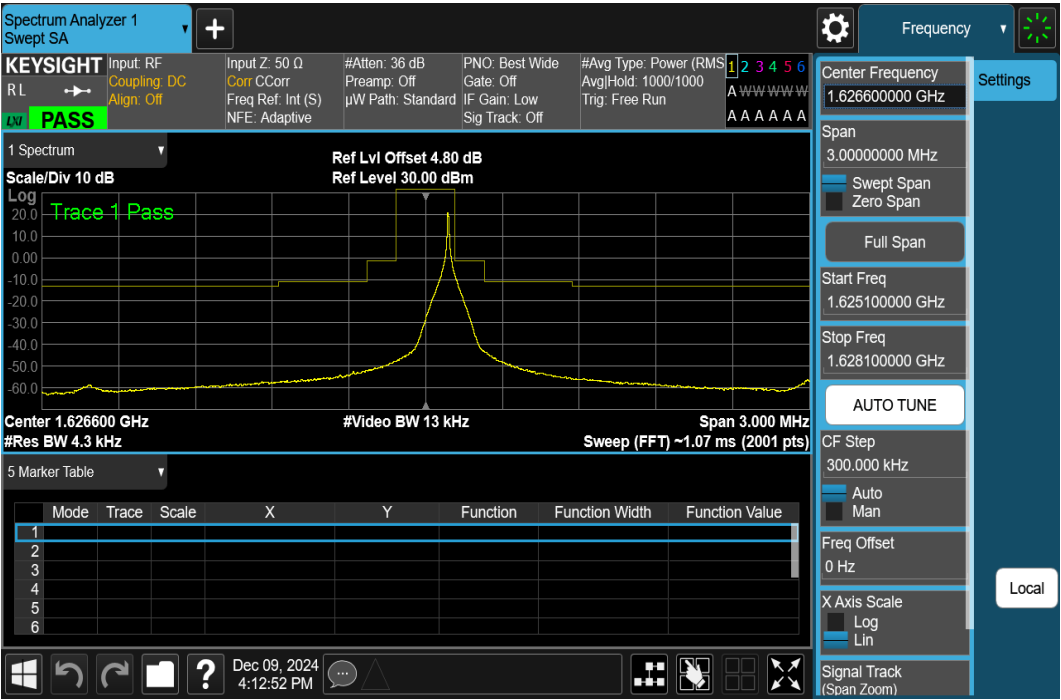
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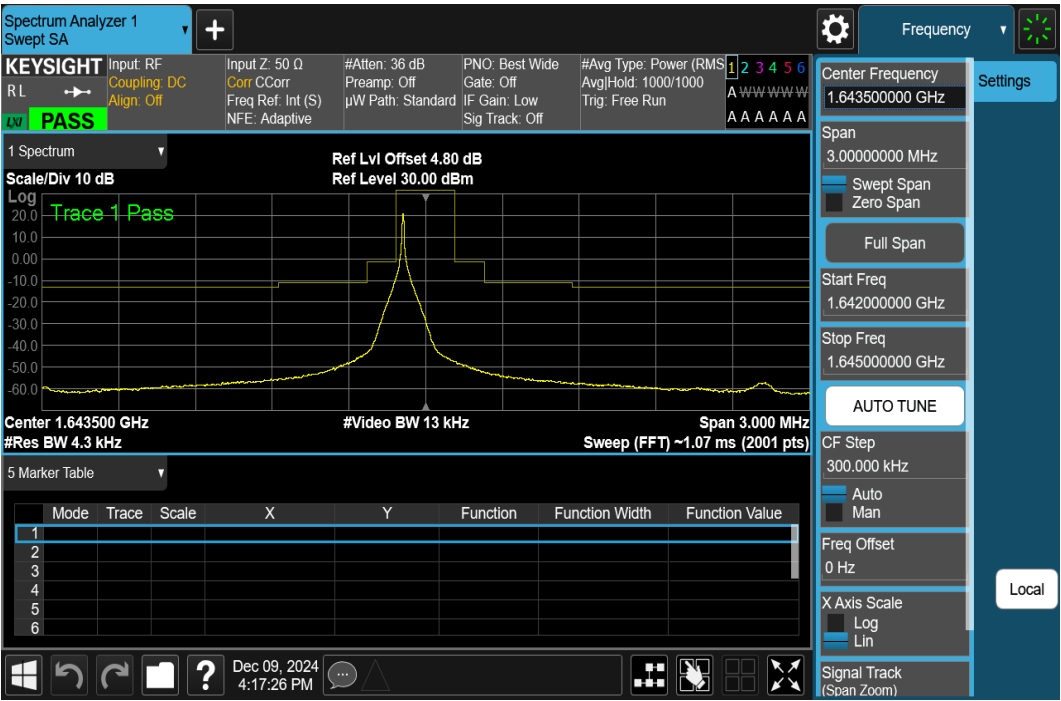
Band255-3.75kHz-MASK-LCH-QPSK-1@0



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



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



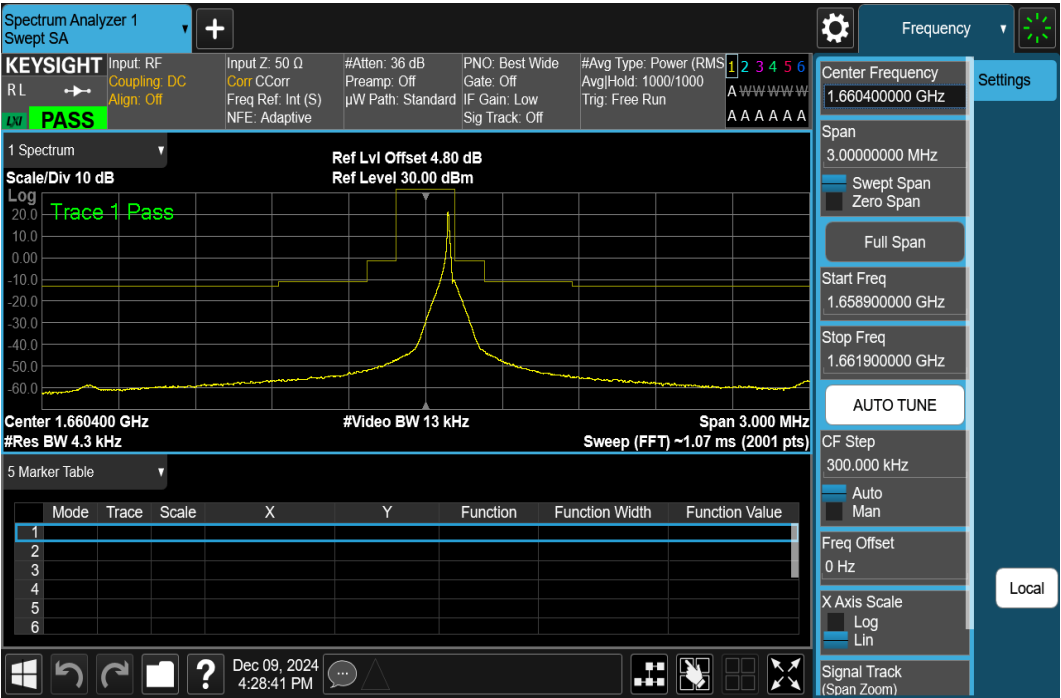
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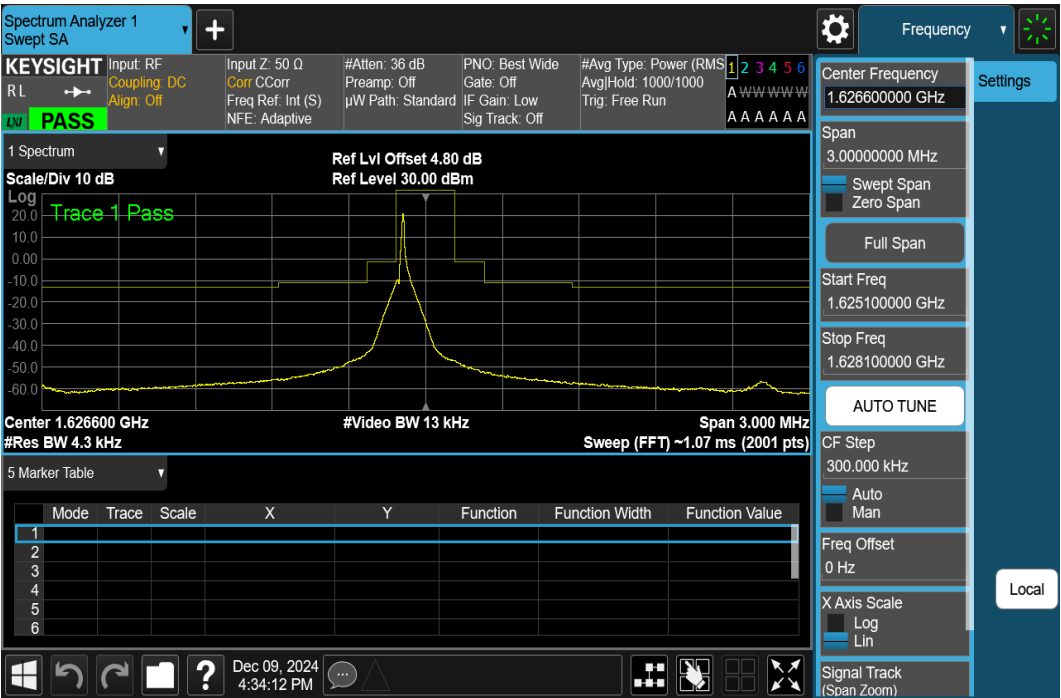
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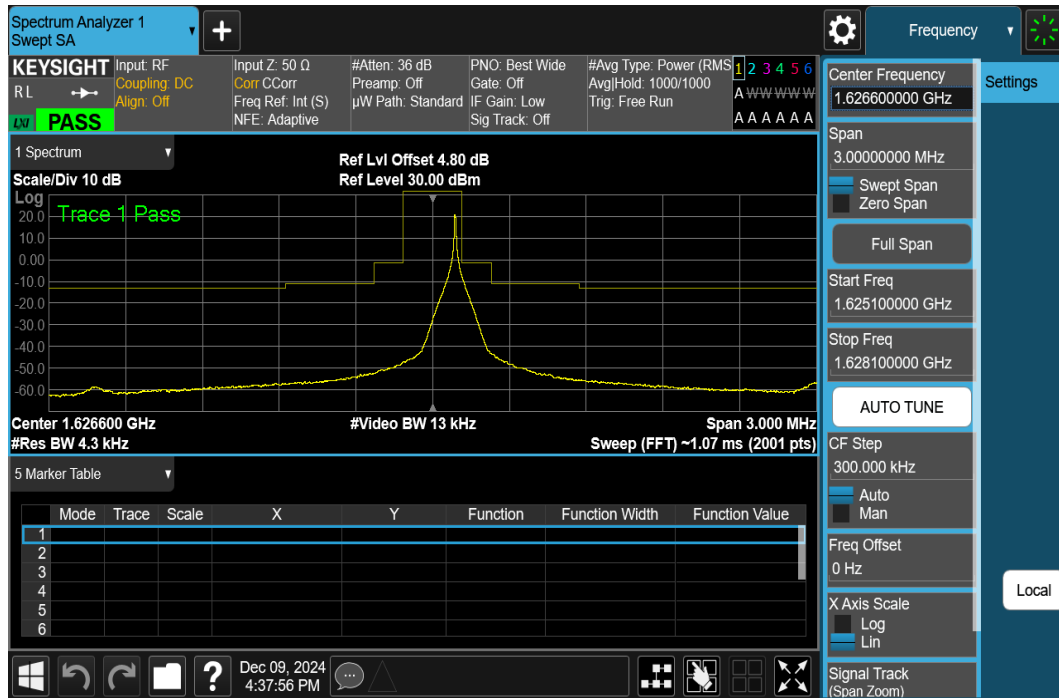
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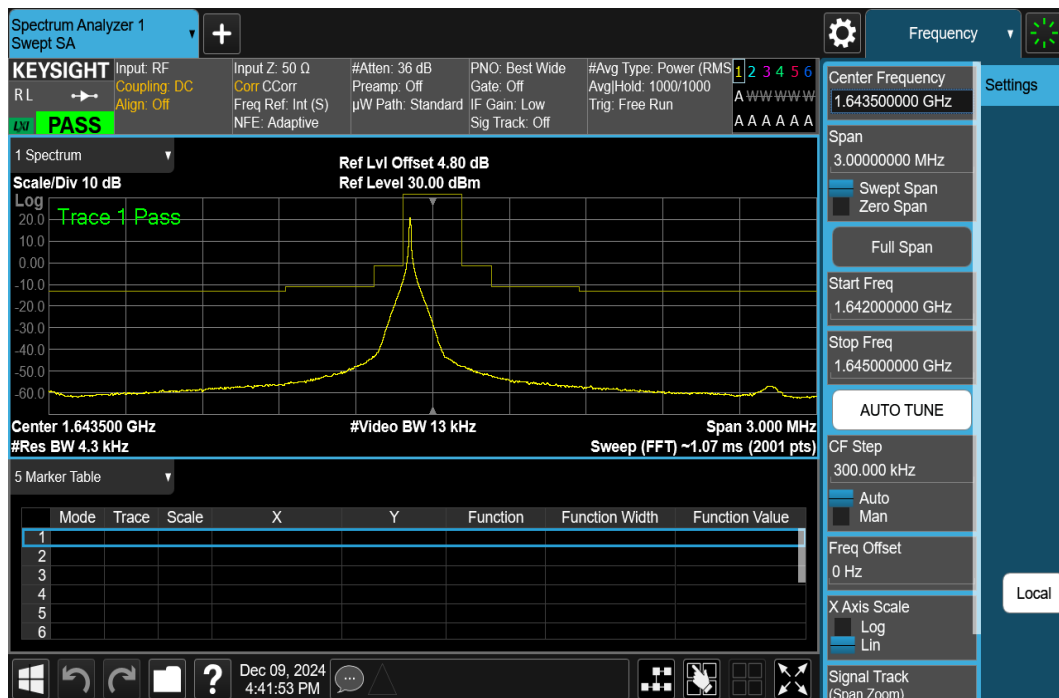
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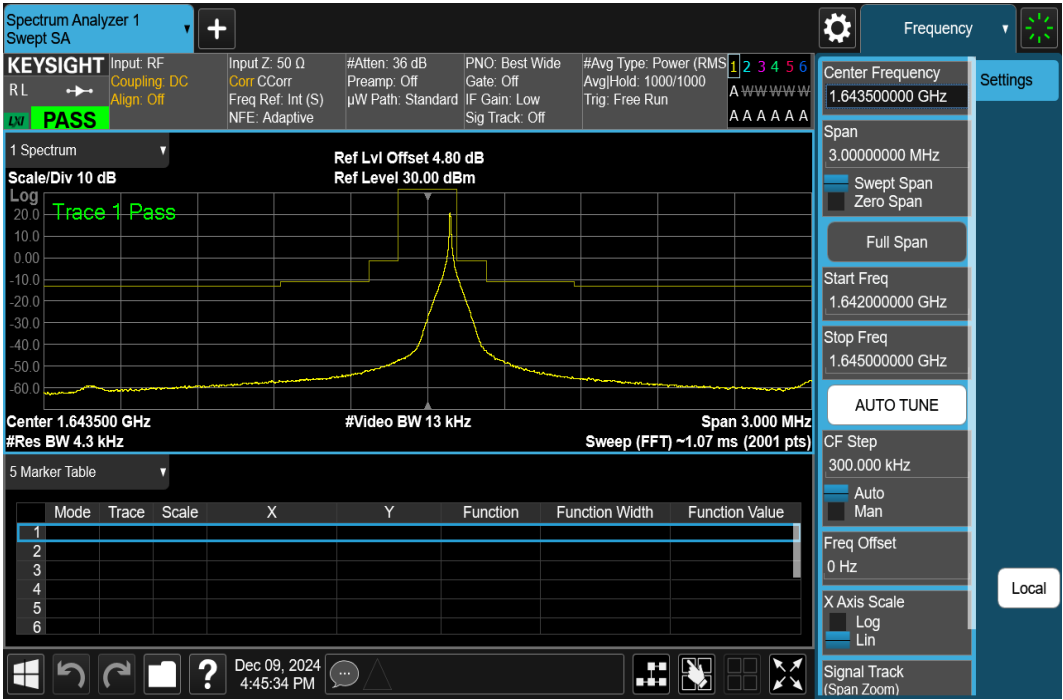
Band255-3.75kHz-MASK-LCH-BPSK-1@47



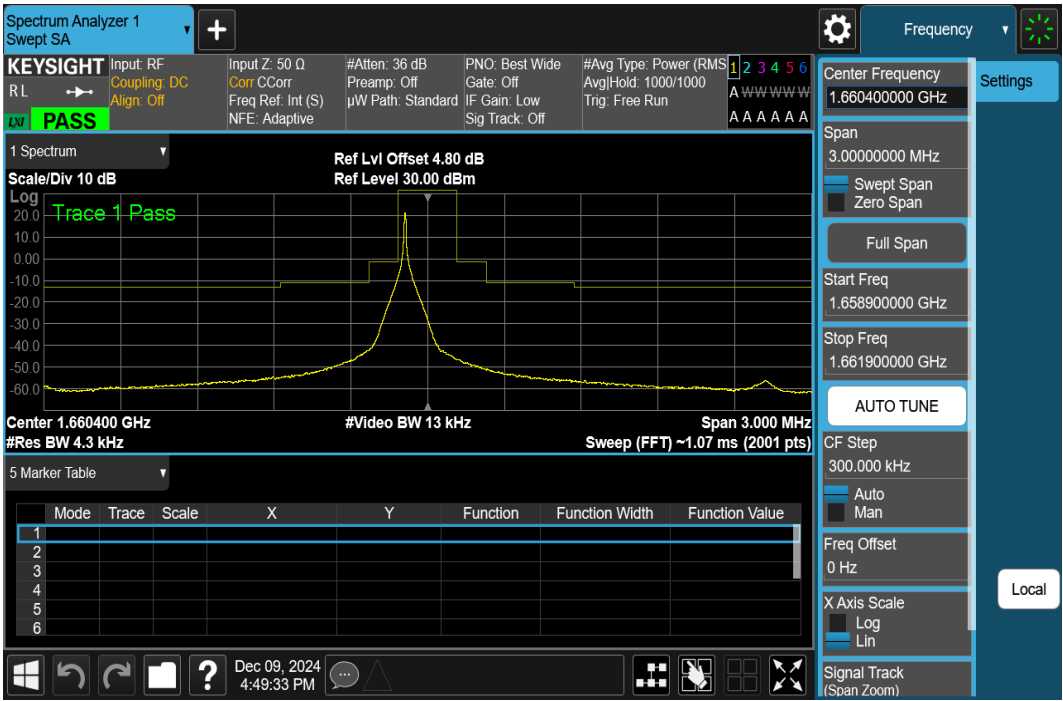
Band255-3.75kHz-MASK-MCH-BPSK-1@0



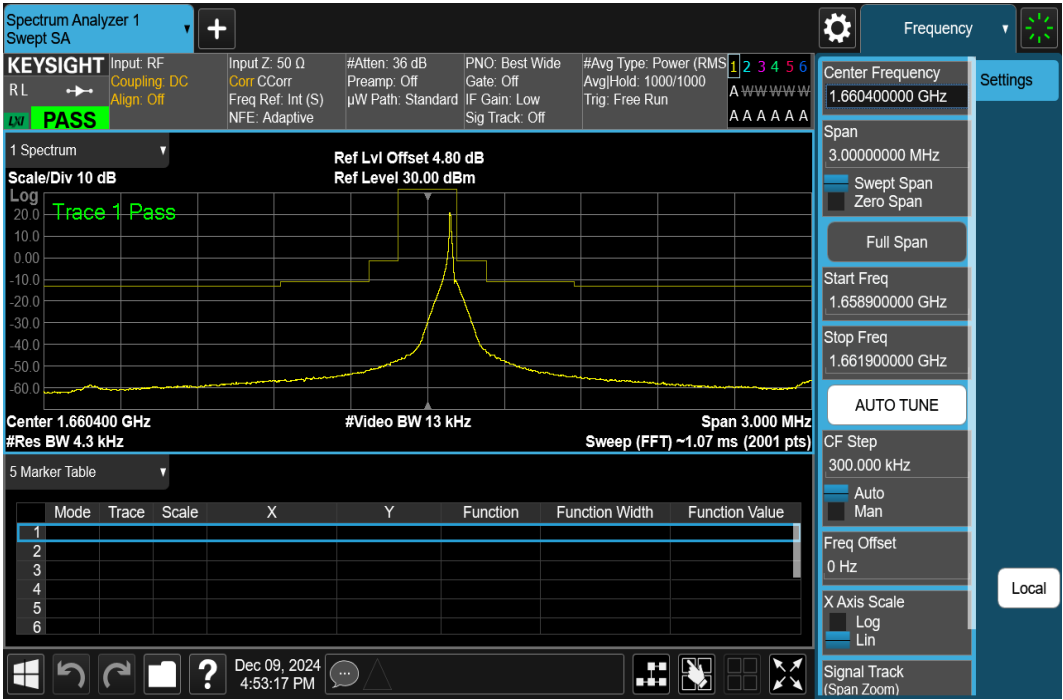
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Band255-3.75kHz-MASK-HCH-BPSK-1@0

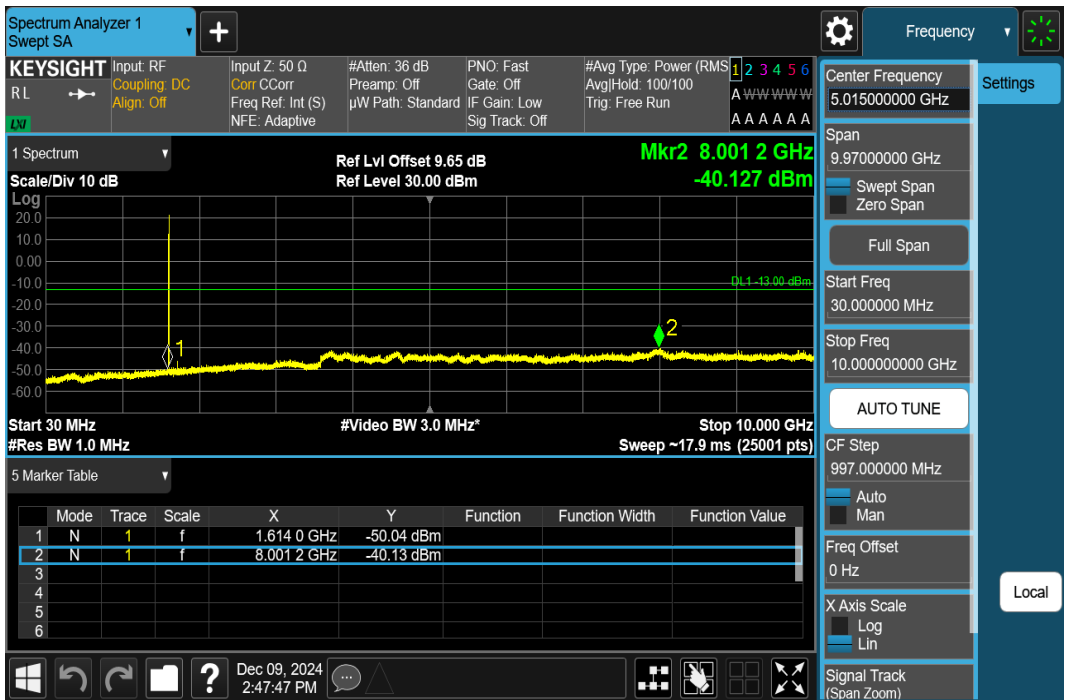


Band255-3.75kHz-MASK-HCH-BPSK-1@47



Conducted spurious emissions test graph

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



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

