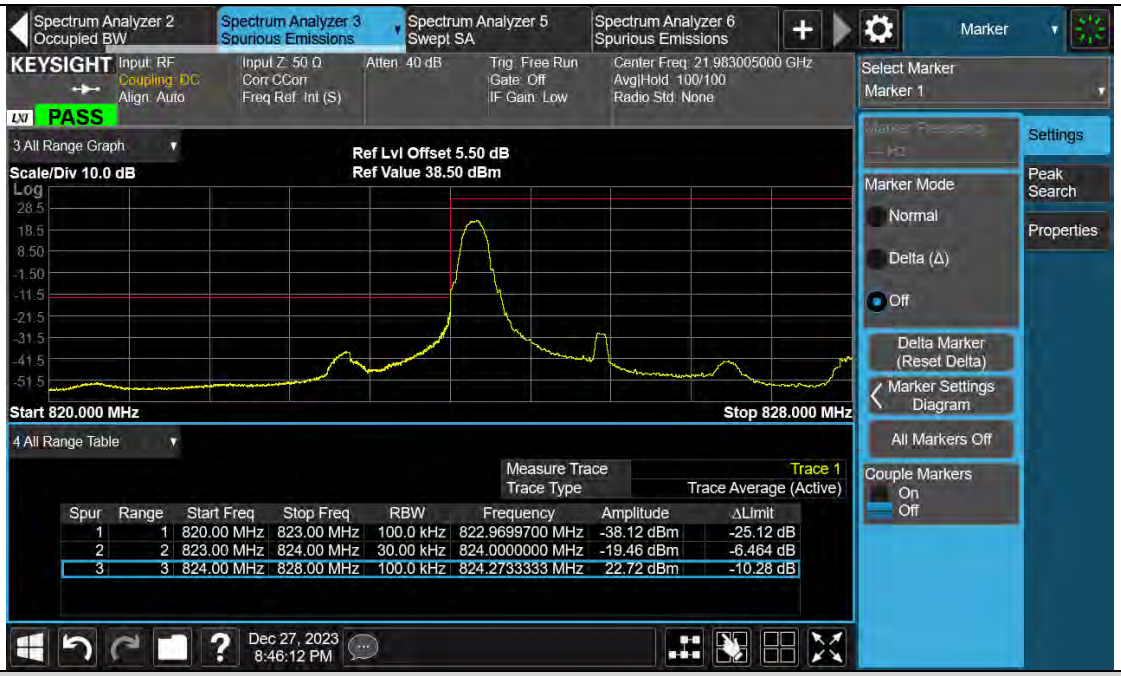
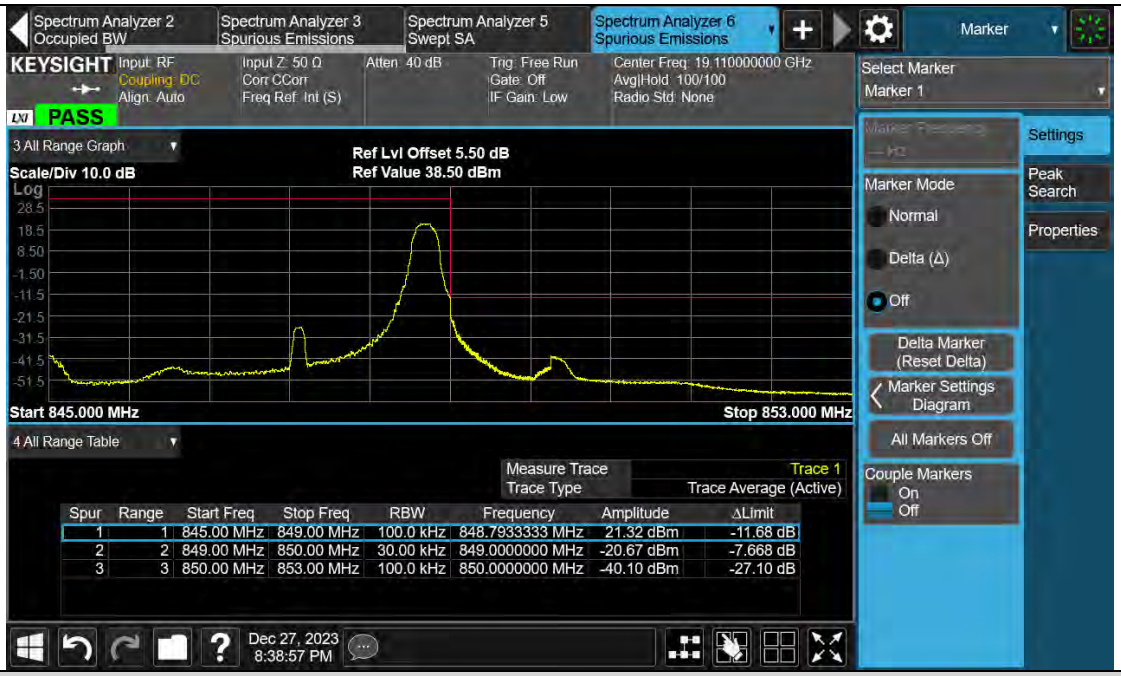


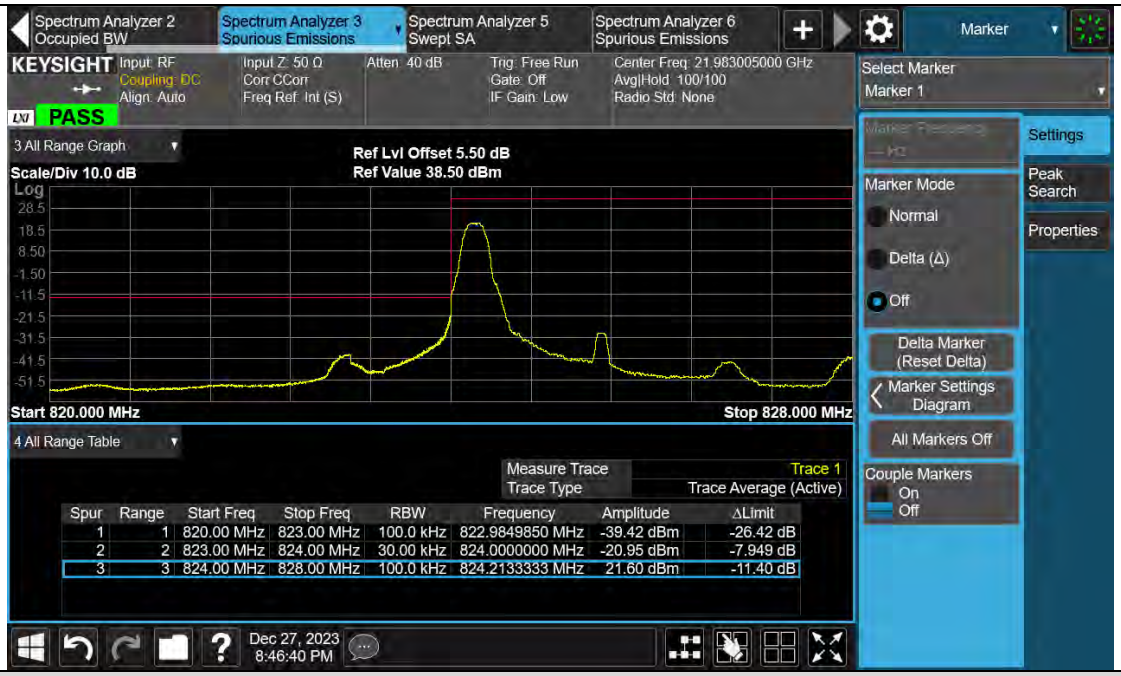
Band5-3MHz-16QAM-20415-15RB#0

Band5-3MHz-16QAM-20635-1RB#14



Band5-3MHz-16QAM-20635-15RB#0

Band5-3MHz-64QAM-20415-1RB#0



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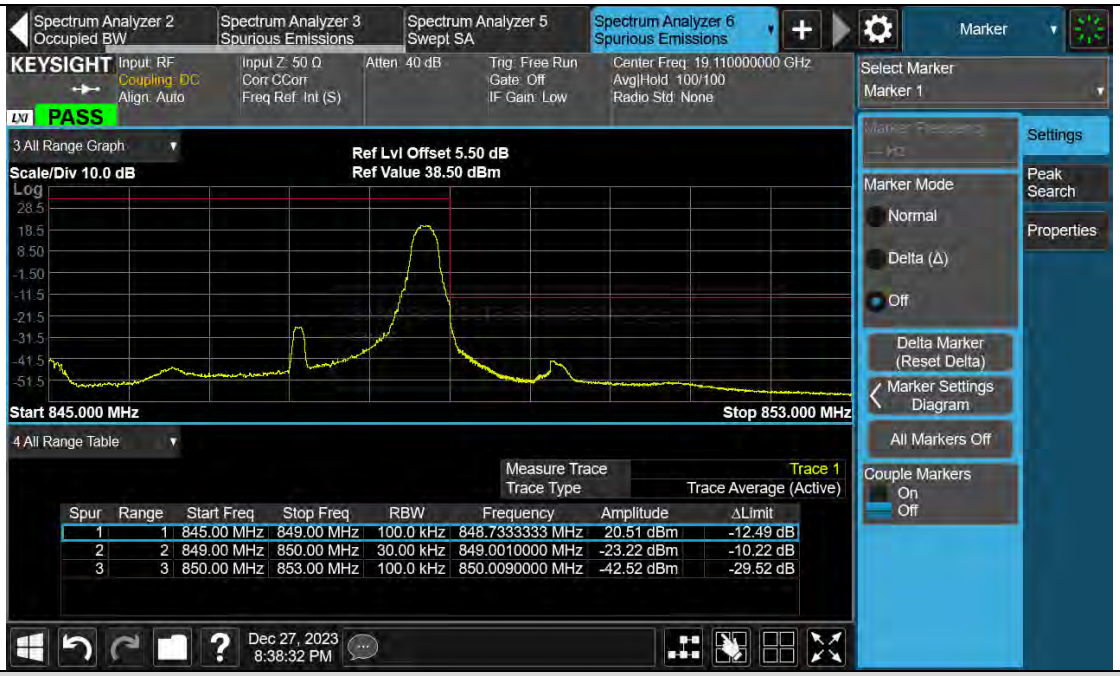
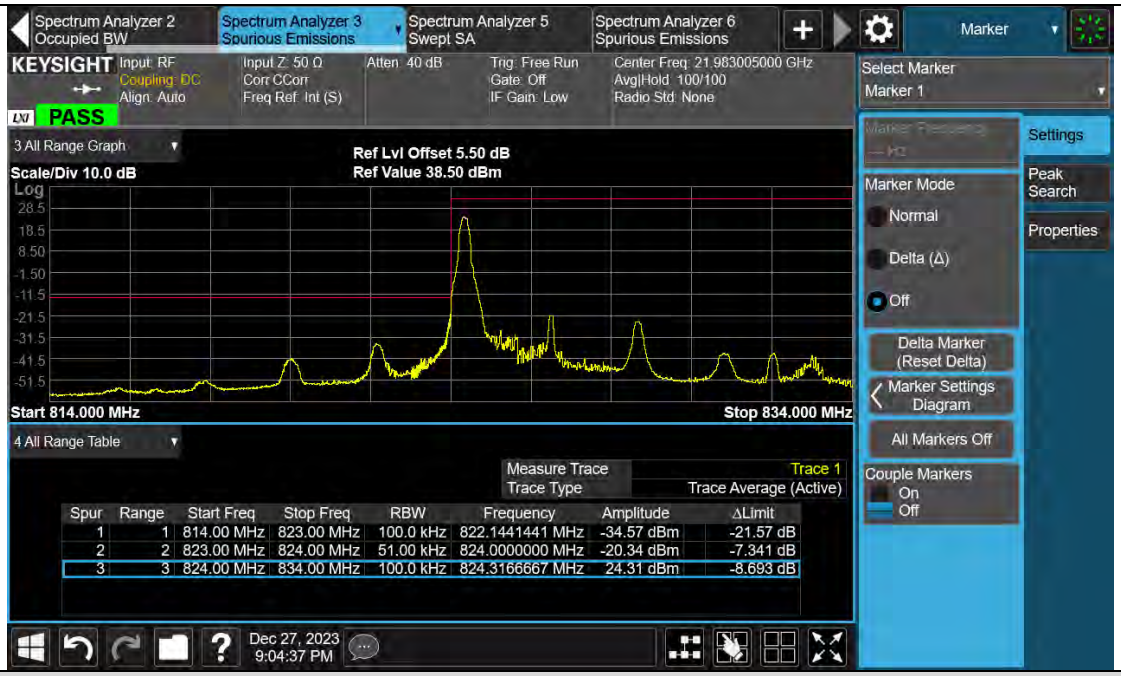
Band5-3MHz-64QAM-20635-1RB#14



Band5-3MHz-64QAM-20635-15RB#0

Band5-5MHz-QPSK-20425-1RB#0



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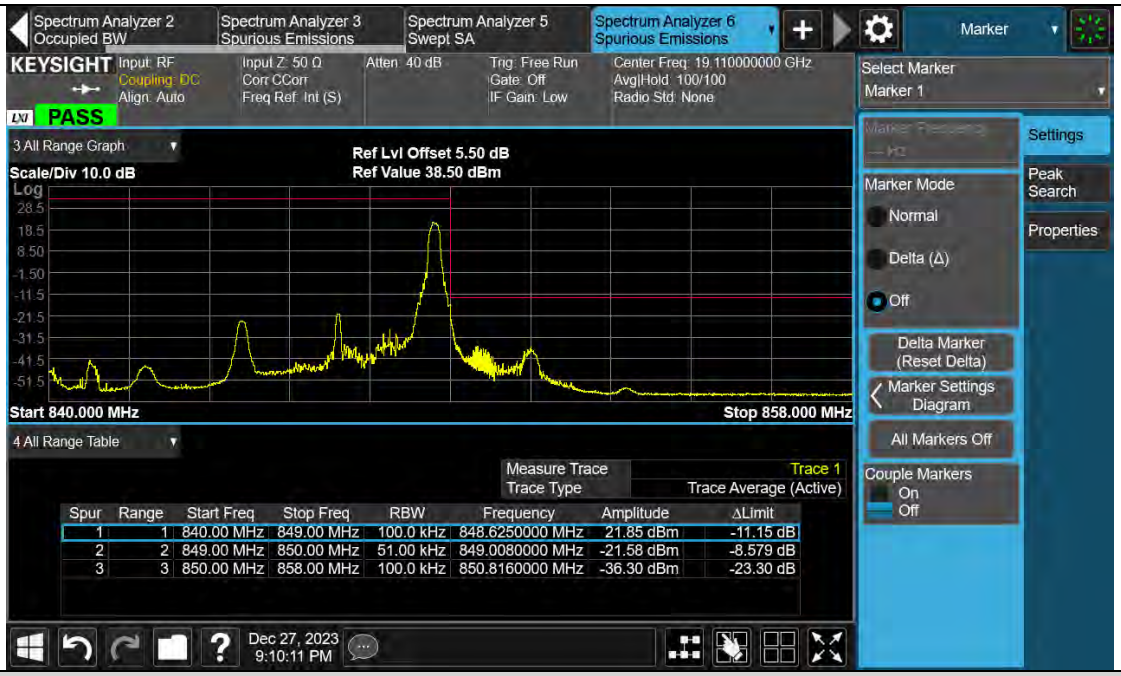
Band5-5MHz-QPSK-20625-1RB#24



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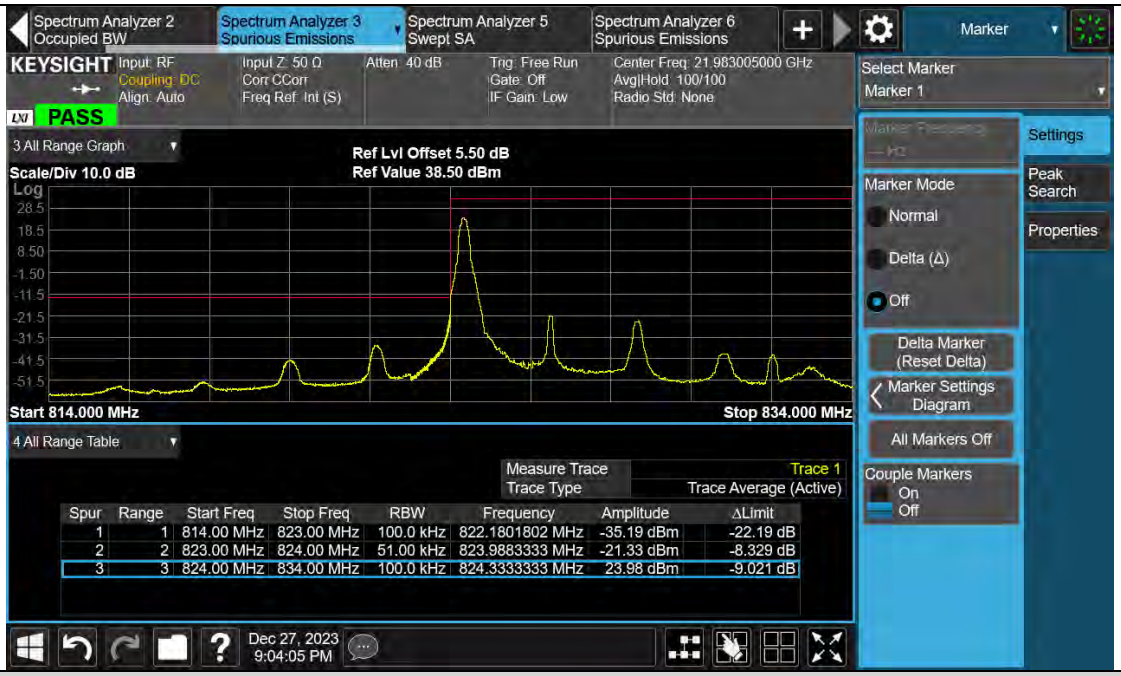
Band5-5MHz-16QAM-20425-1RB#0



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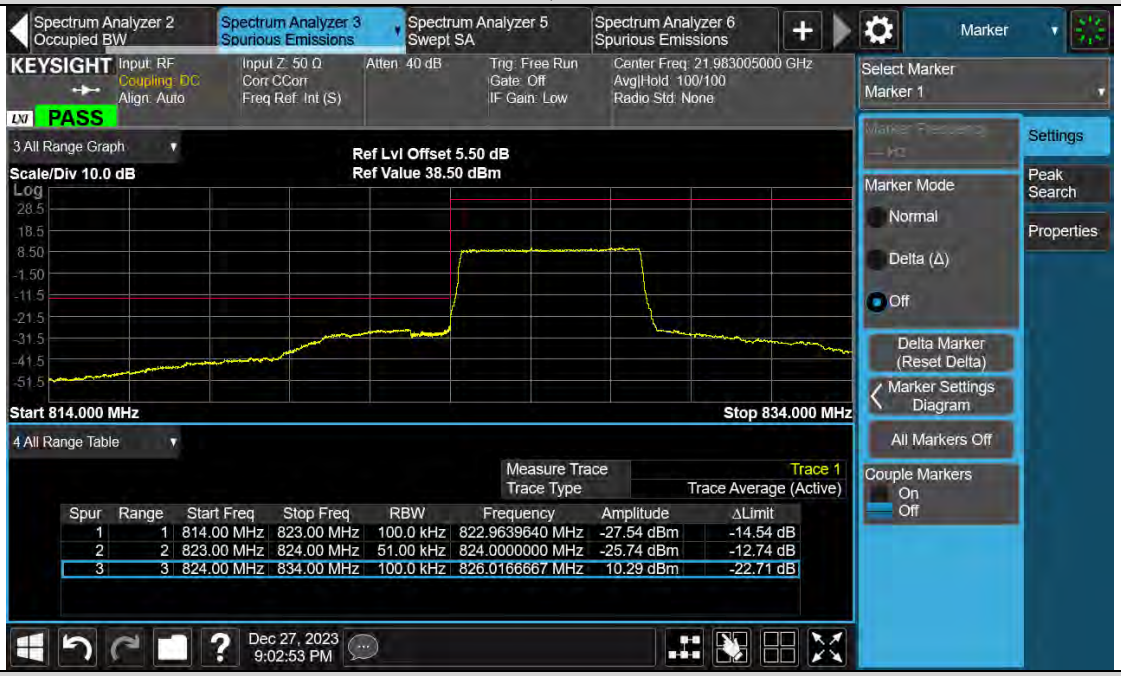

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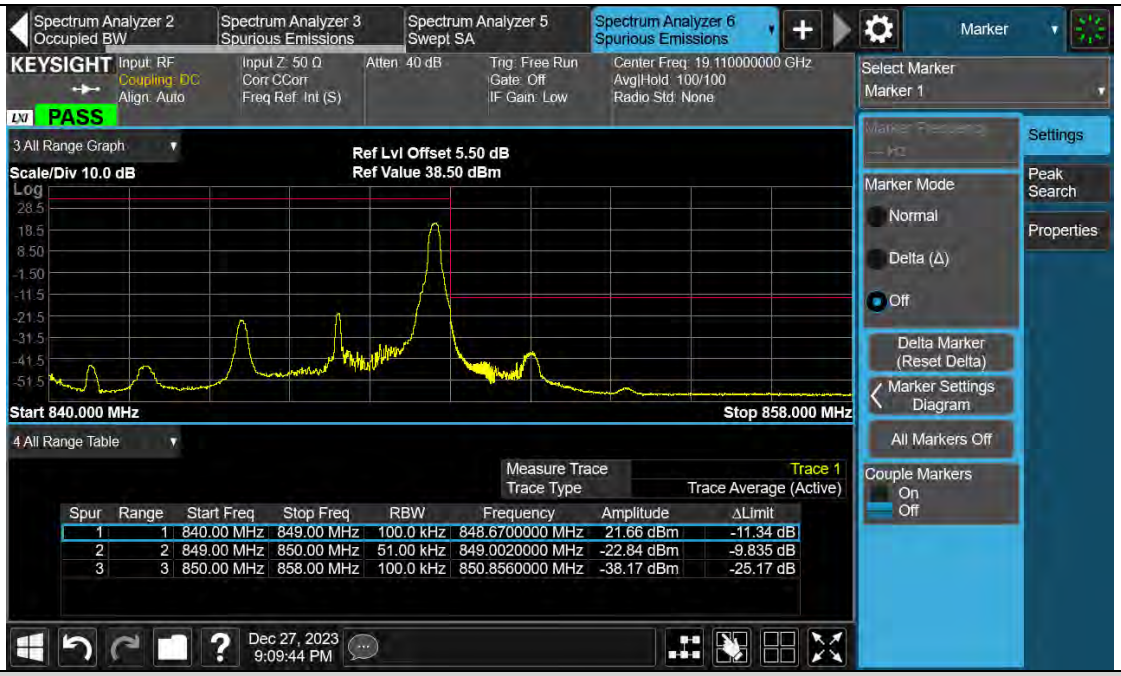

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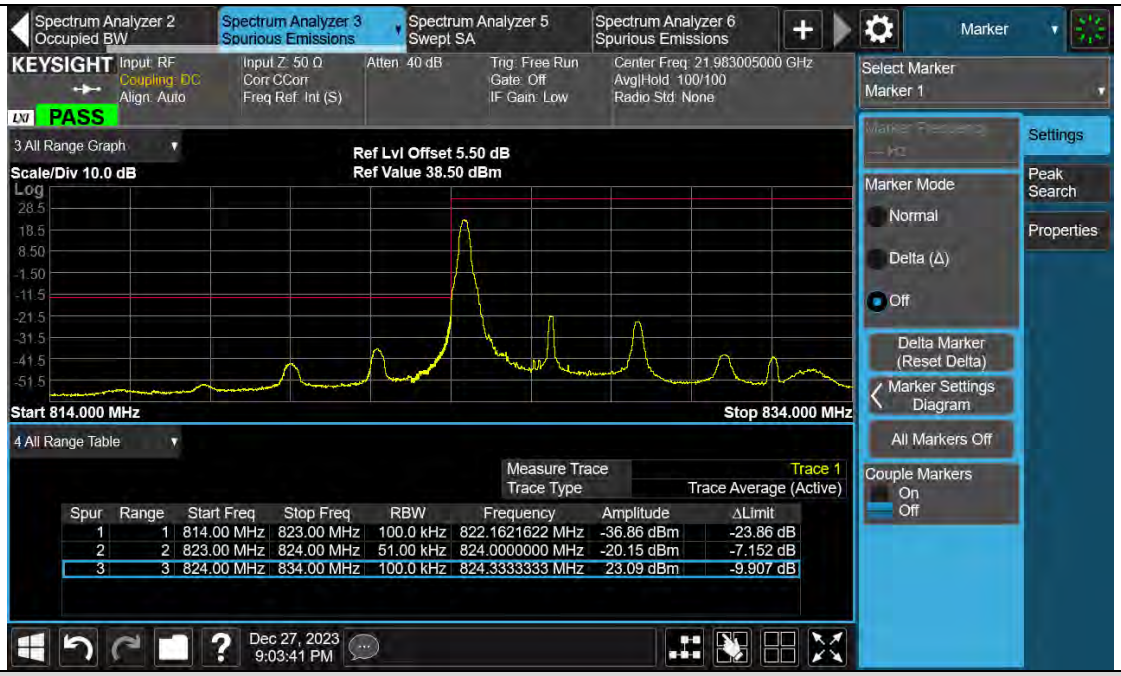
Band5-5MHz-64QAM-20425-1RB#0



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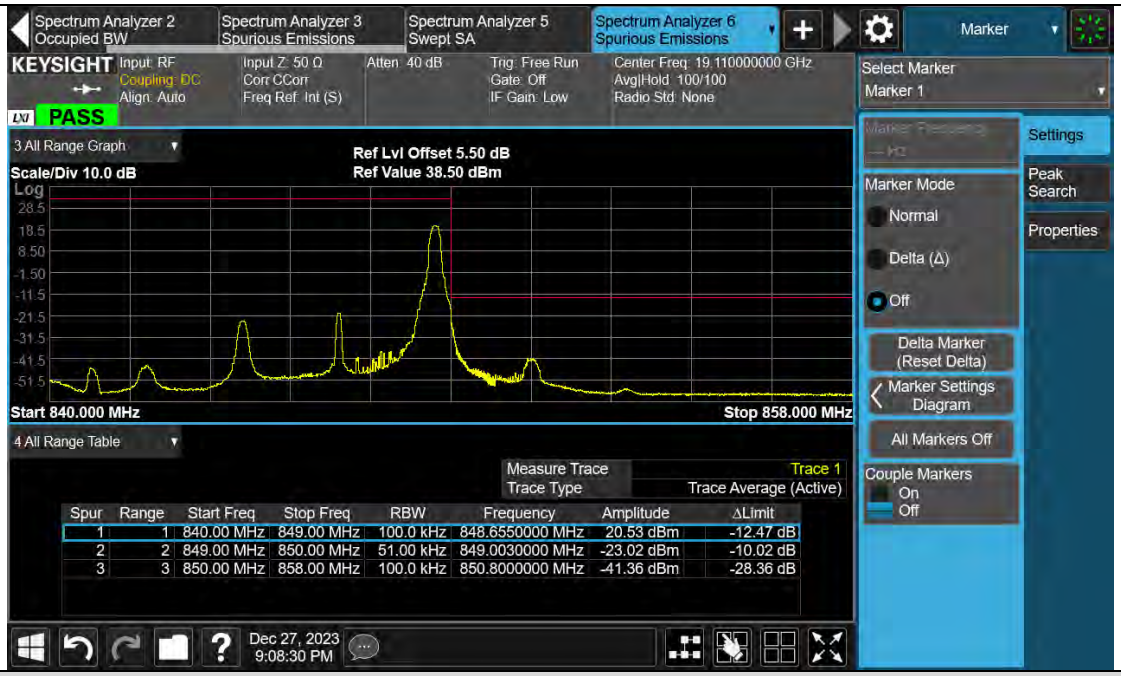
Band5-5MHz-64QAM-20625-1RB#24



Band5-5MHz-64QAM-20625-25RB#0

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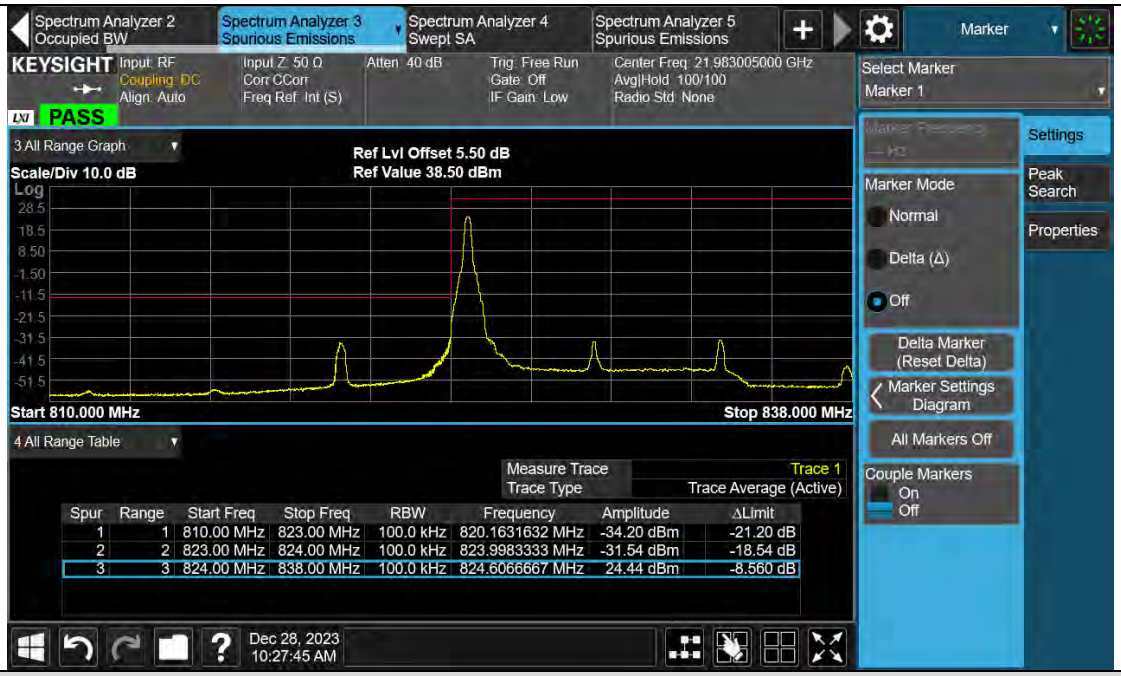

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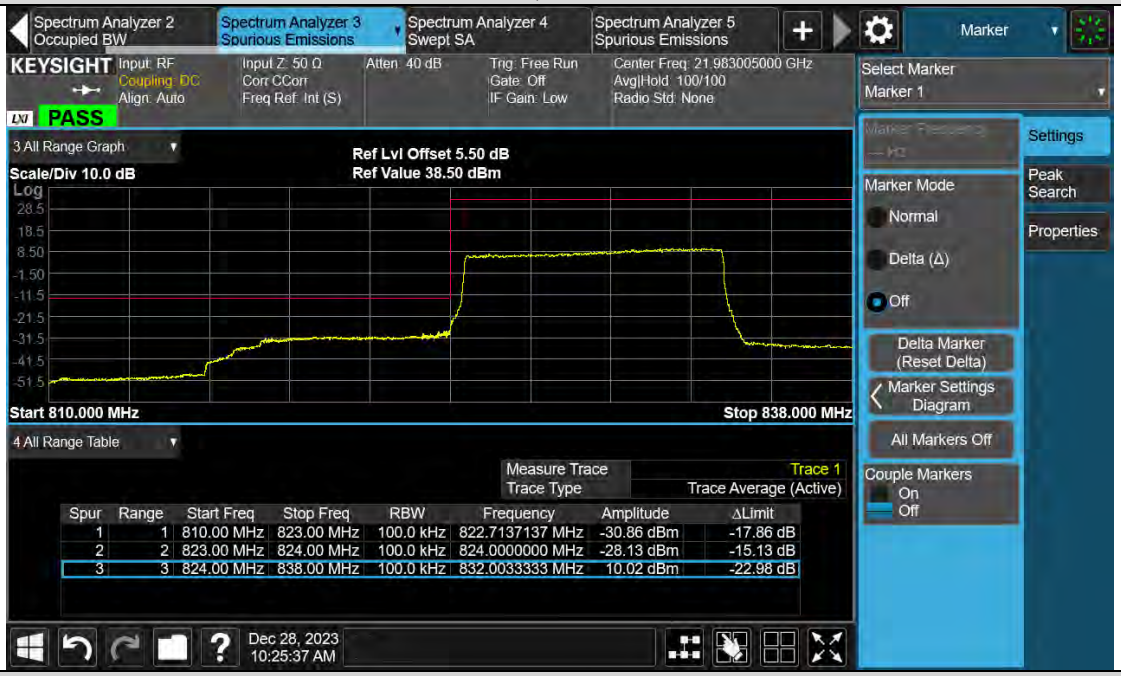

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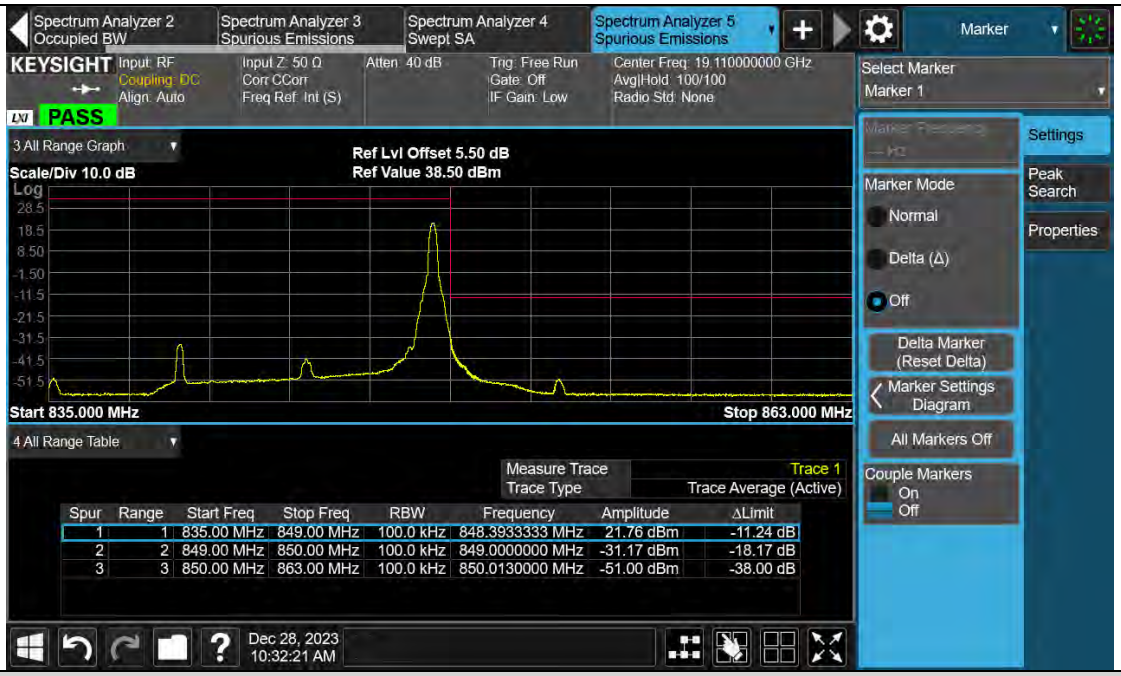
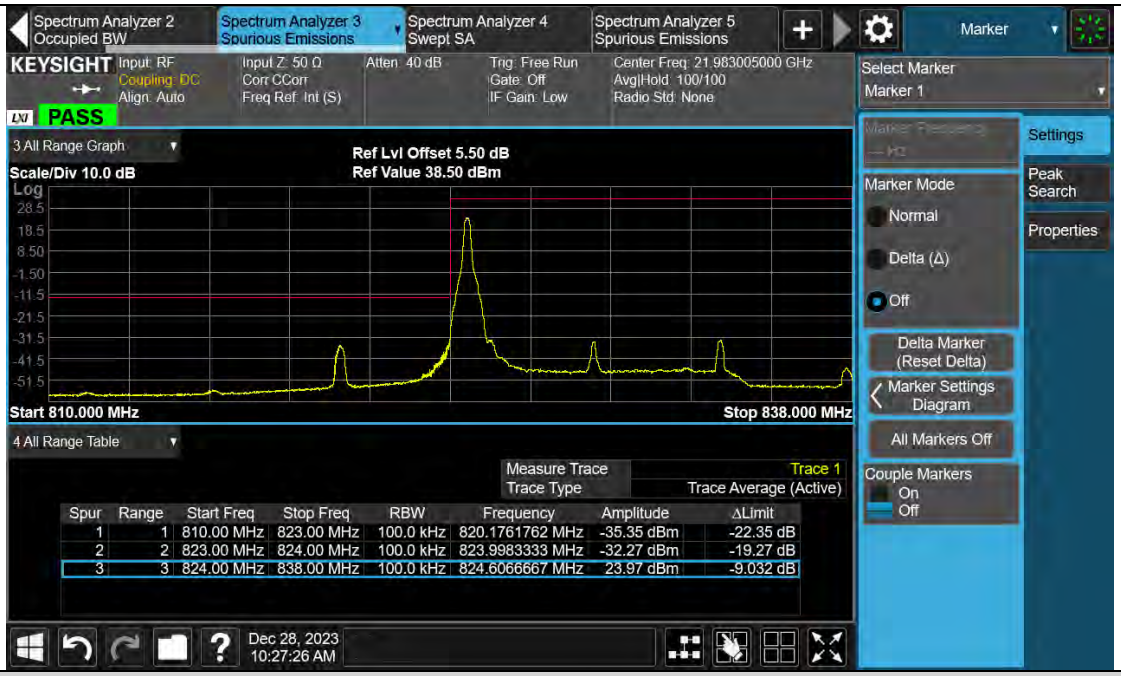


Band5-10MHz-QPSK-20600-50RB#0

Band5-10MHz-16QAM-20450-1RB#0



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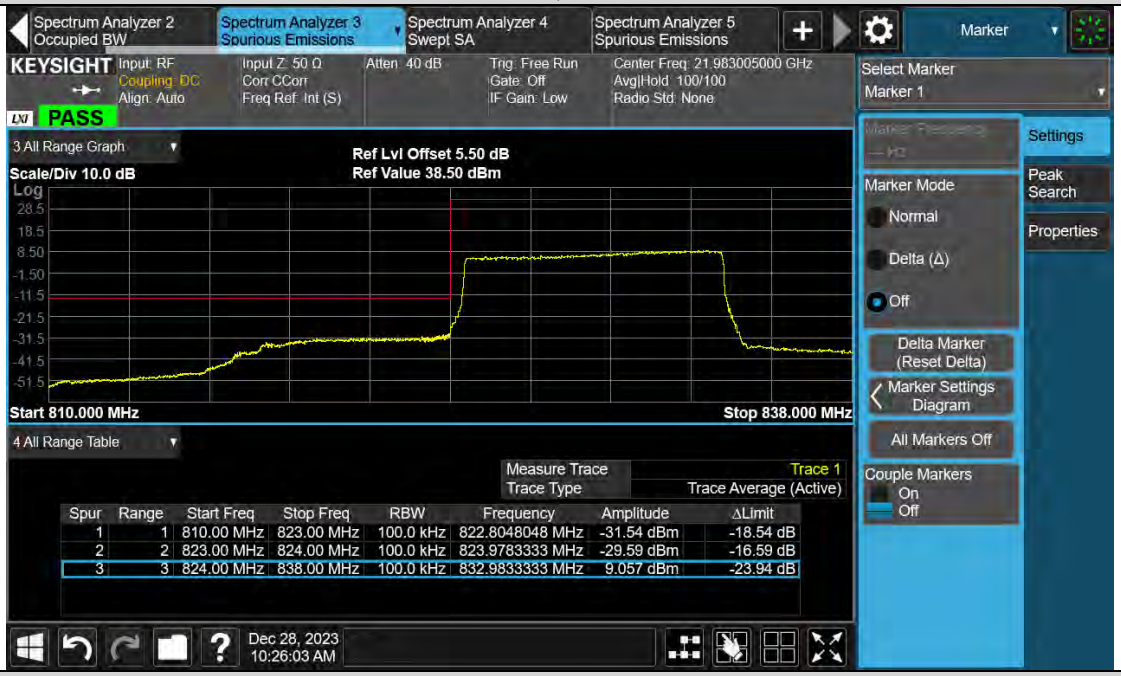

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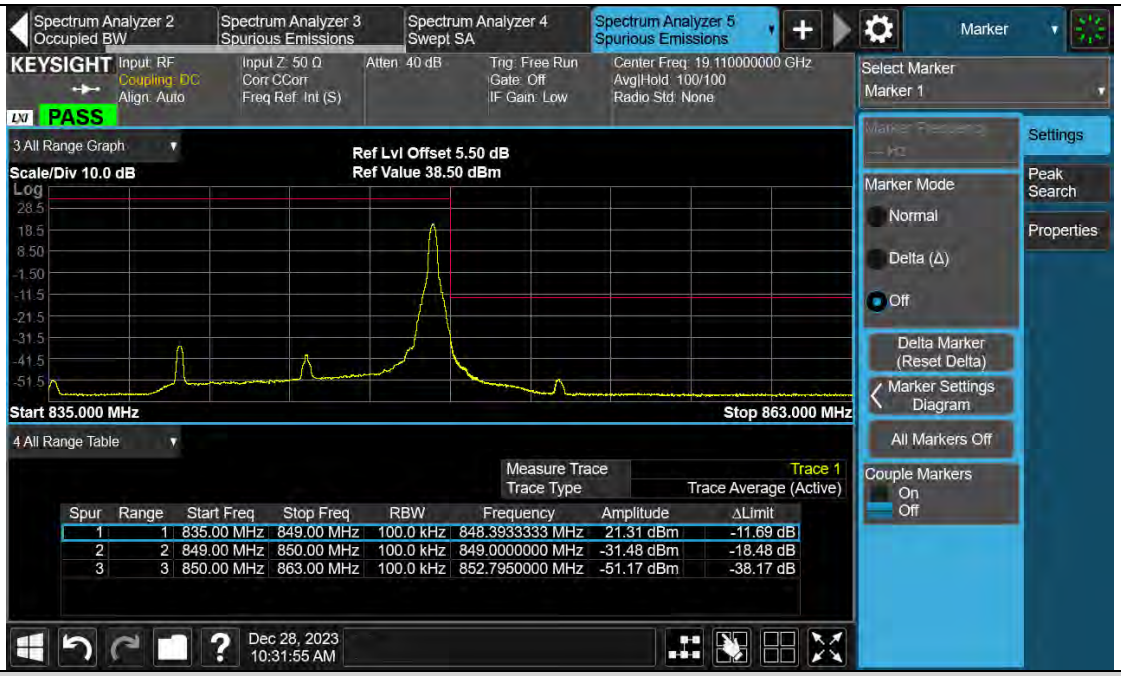

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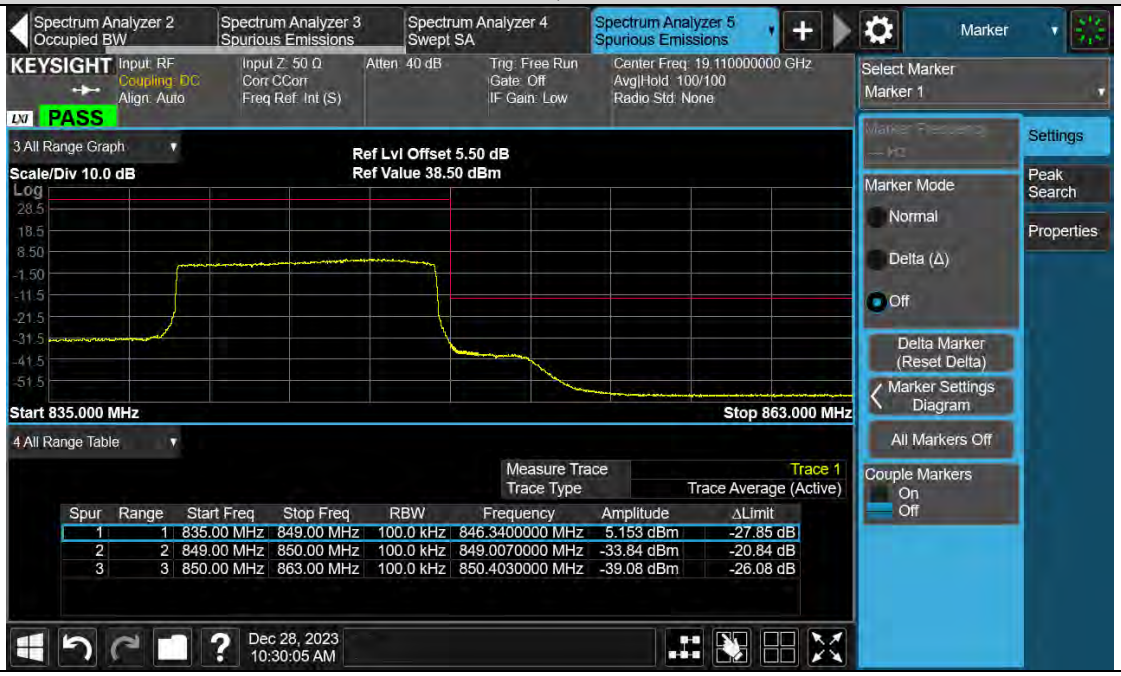

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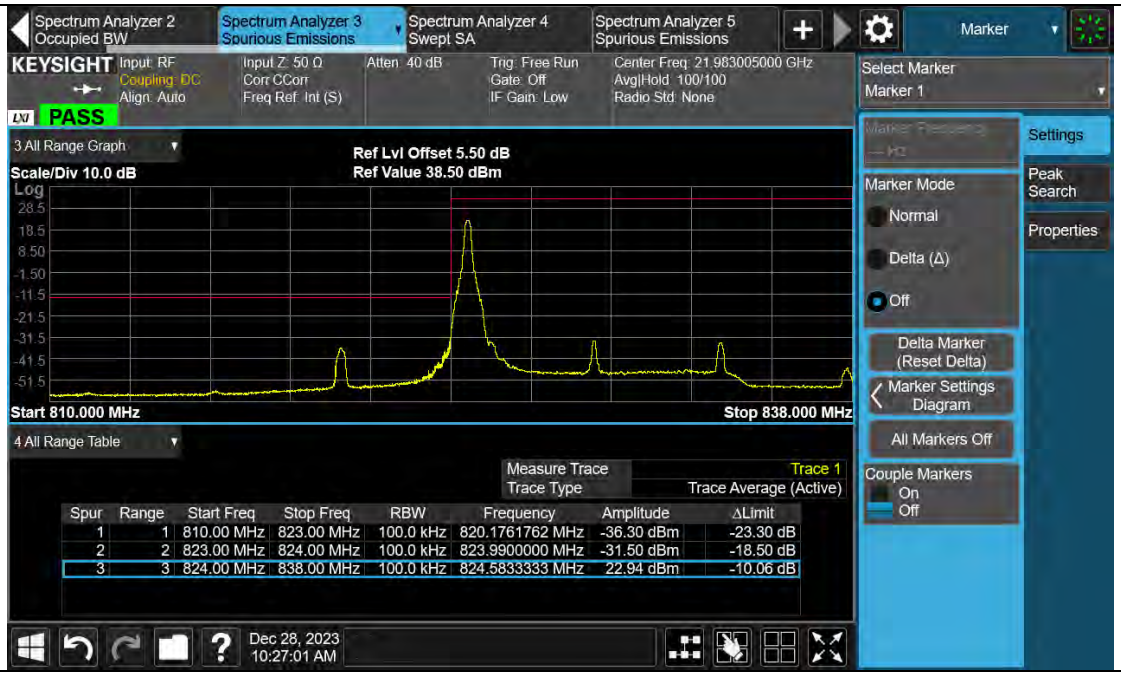

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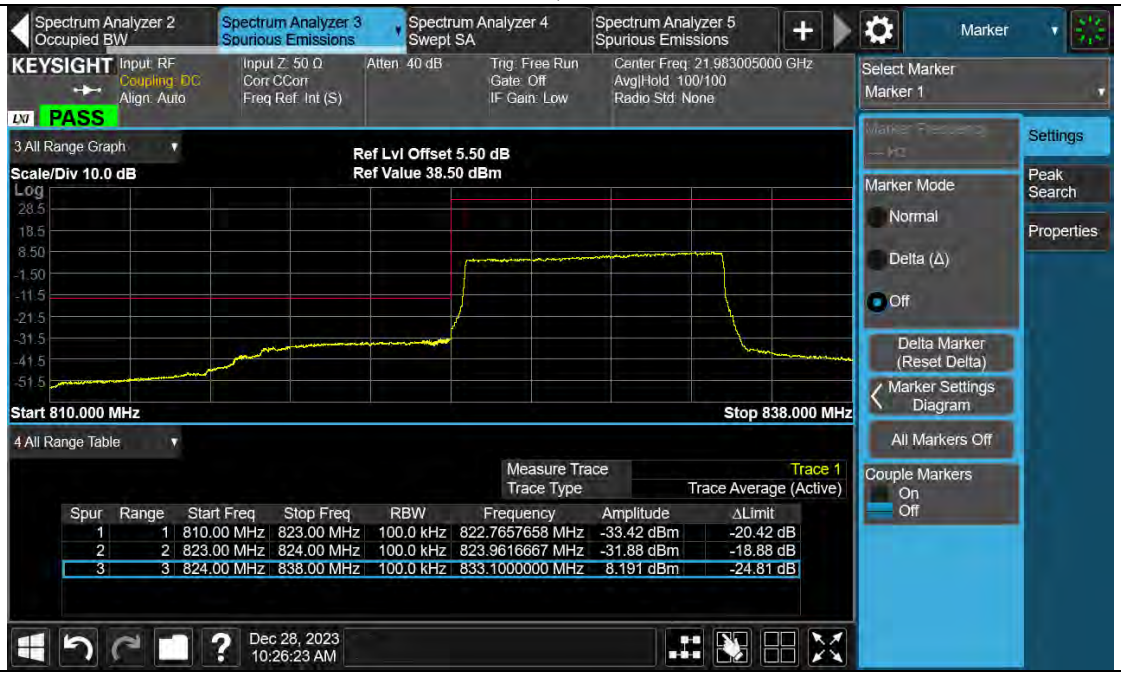

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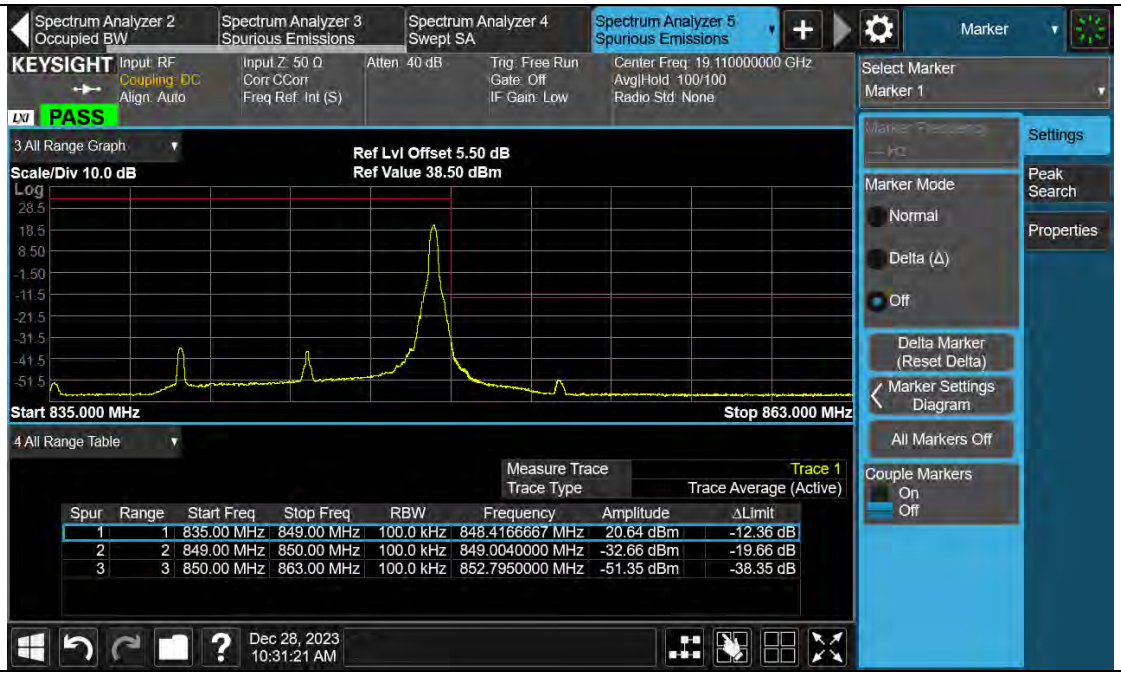

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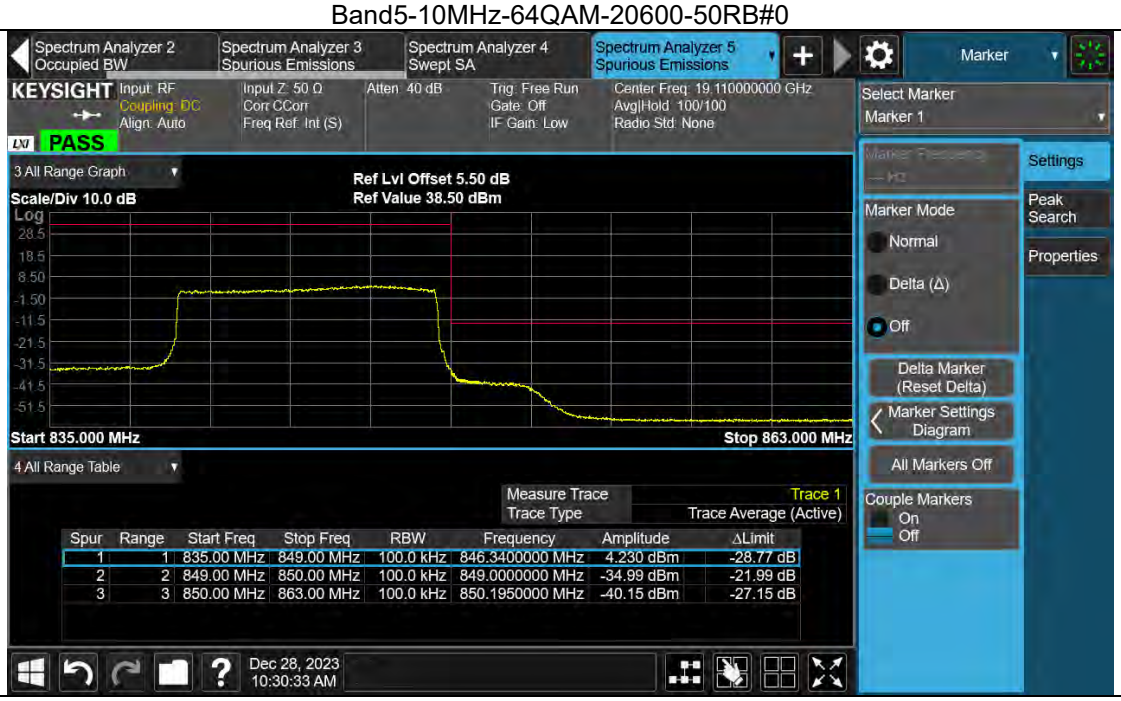


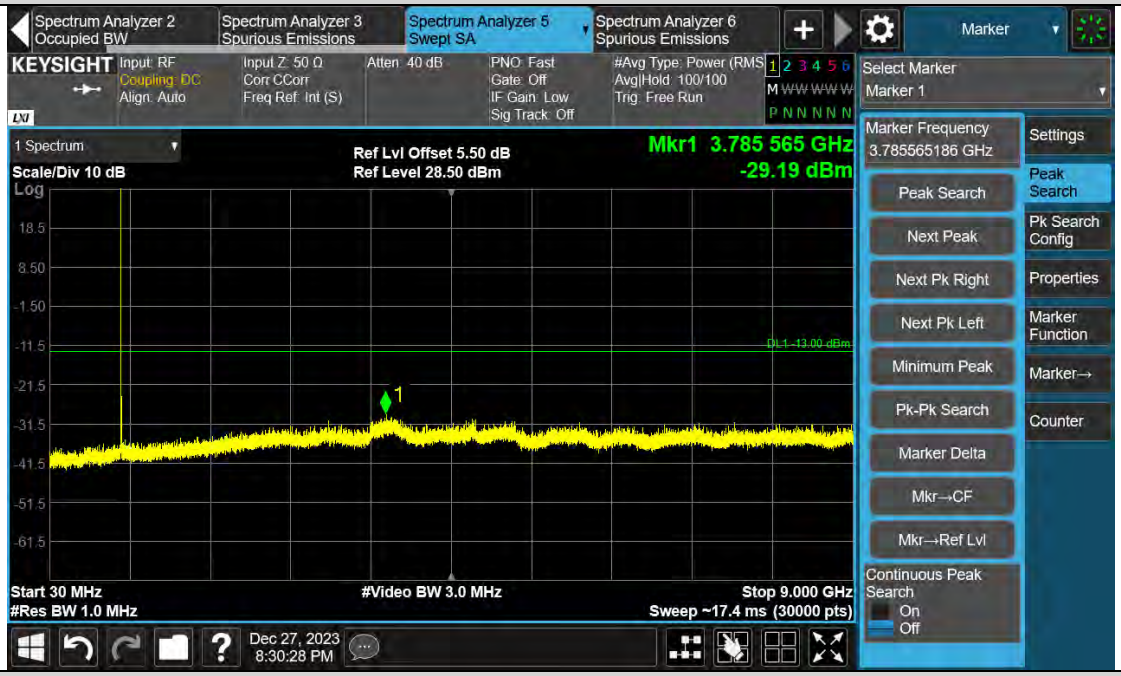
CONDUCTED SPURIOUS EMISSION

Test Result

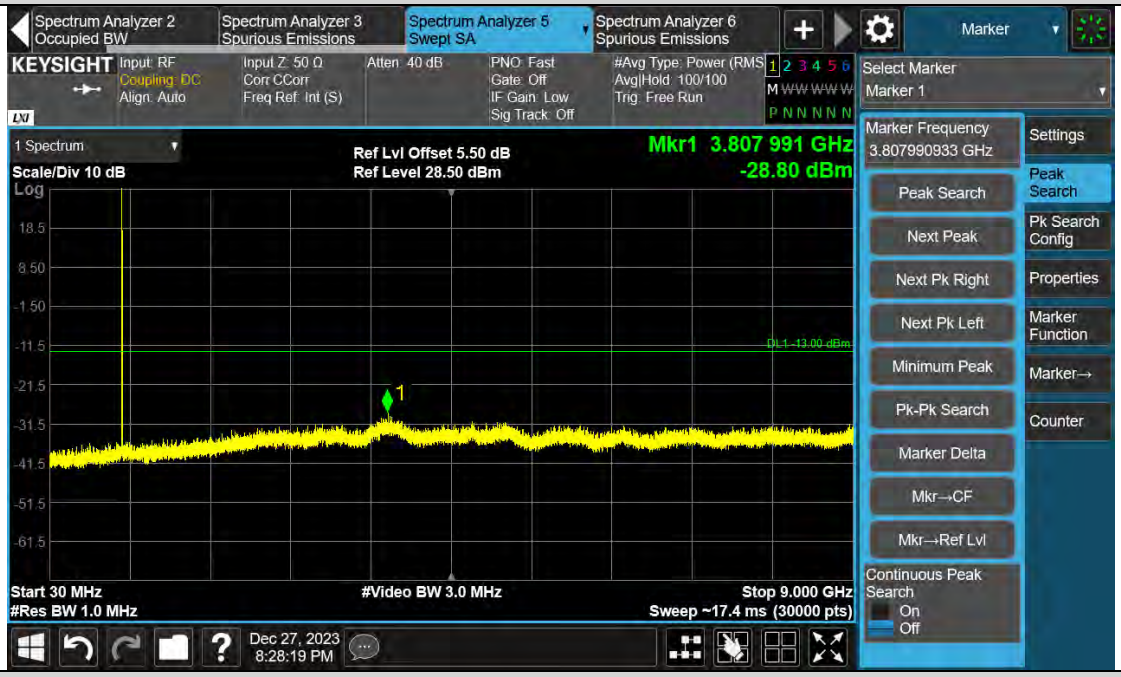
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	64QAM	20415	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	64QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	3MHz	64QAM	20635	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	64QAM	20425	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	64QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	5MHz	64QAM	20625	1RB#0	30~9000MHz	See Graph	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~9000MHz	See Graph	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~9000MHz	See Graph	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~9000MHz	See Graph	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~9000MHz	See Graph	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~9000MHz	See Graph	PASS

Test Graphs

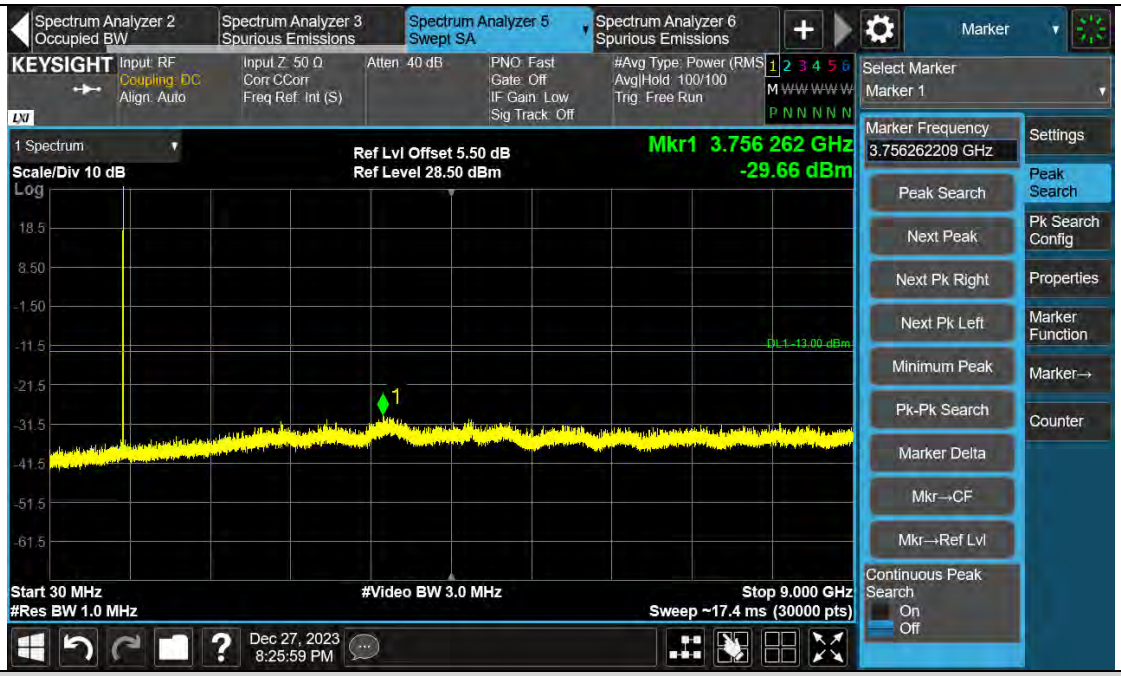
Band5-1.4MHz-QPSK-20407-1RB#0-30~9000MHz



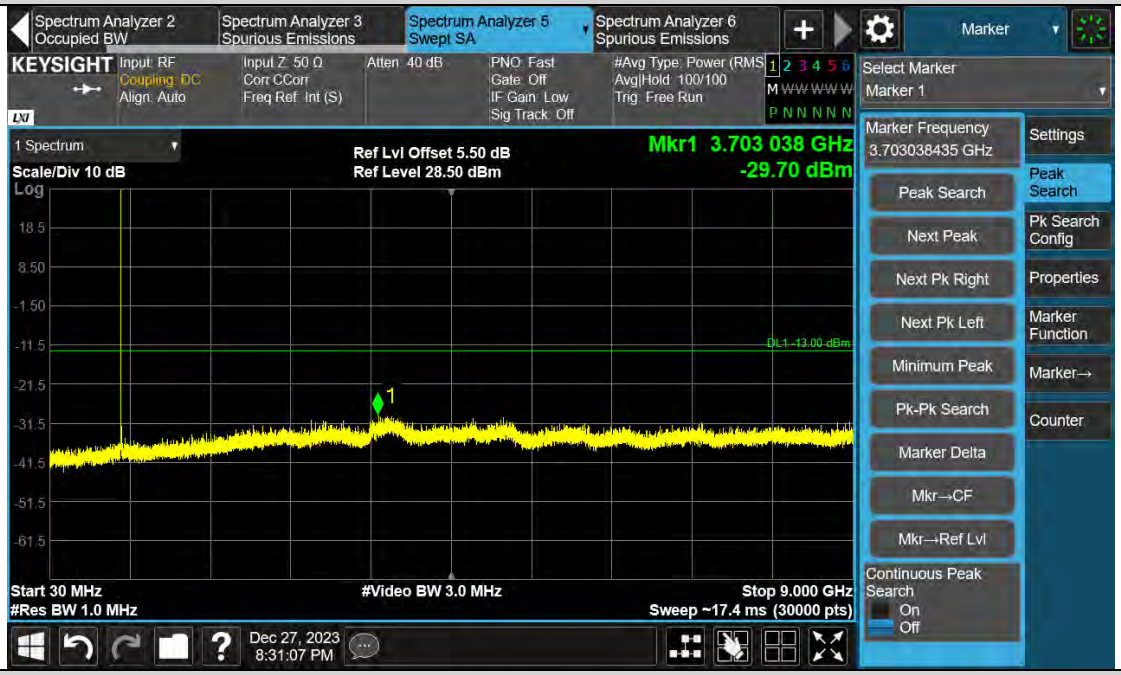
Band5-1.4MHz-QPSK-20525-1RB#0-30~9000MHz



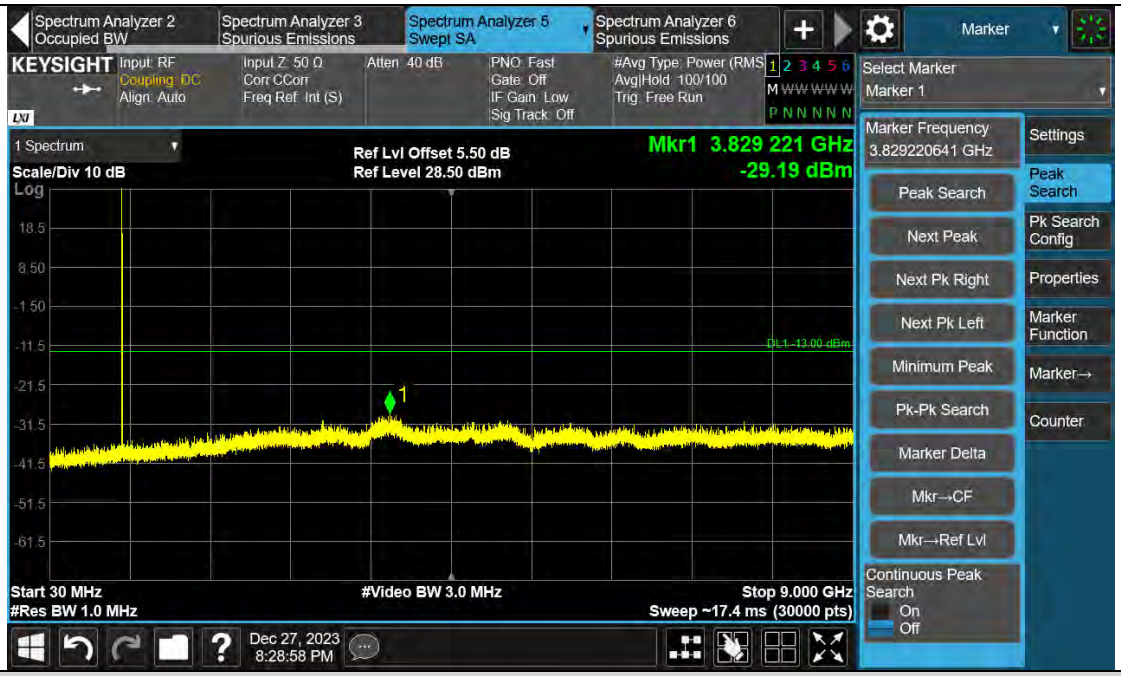
Band5-1.4MHz-QPSK-20643-1RB#0-30~9000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-30~9000MHz

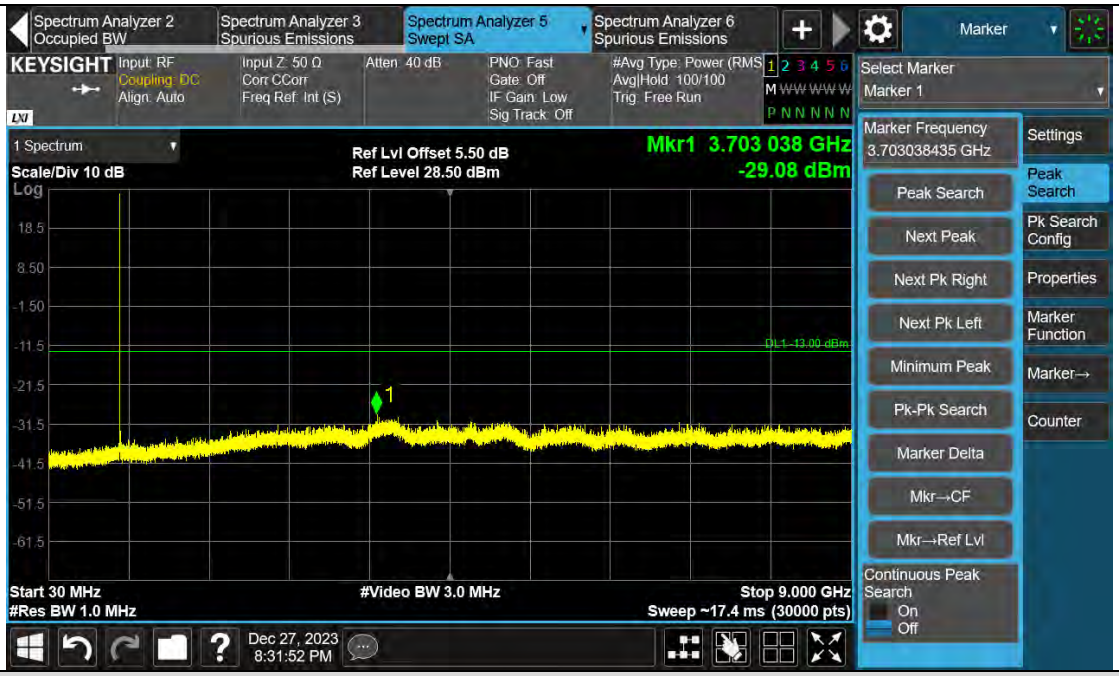


Band5-1.4MHz-16QAM-20525-1RB#0-30~9000MHz

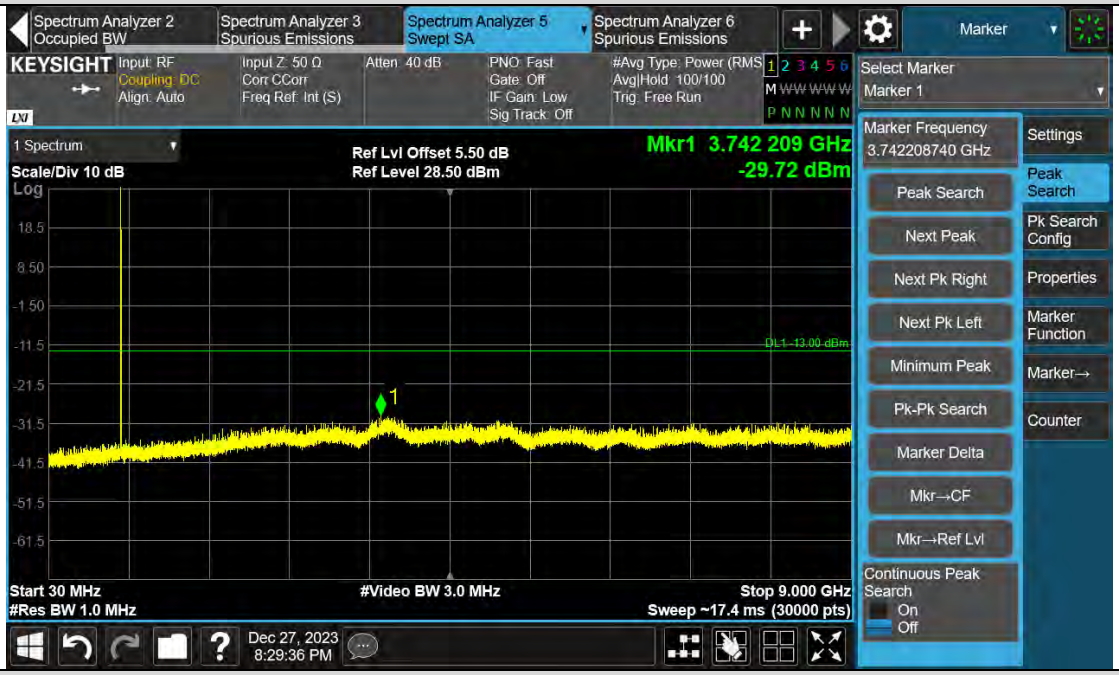


Band5-1.4MHz-16QAM-20643-1RB#0-30~9000MHz

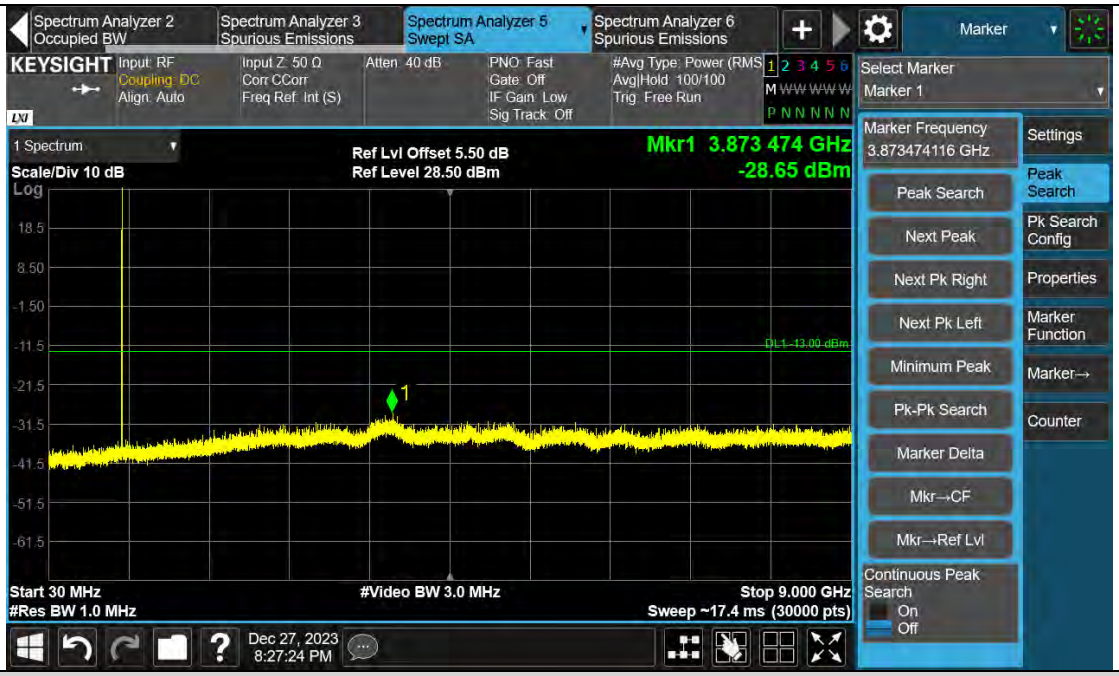
Band5-1.4MHz-64QAM-20407-1RB#0-30~9000MHz



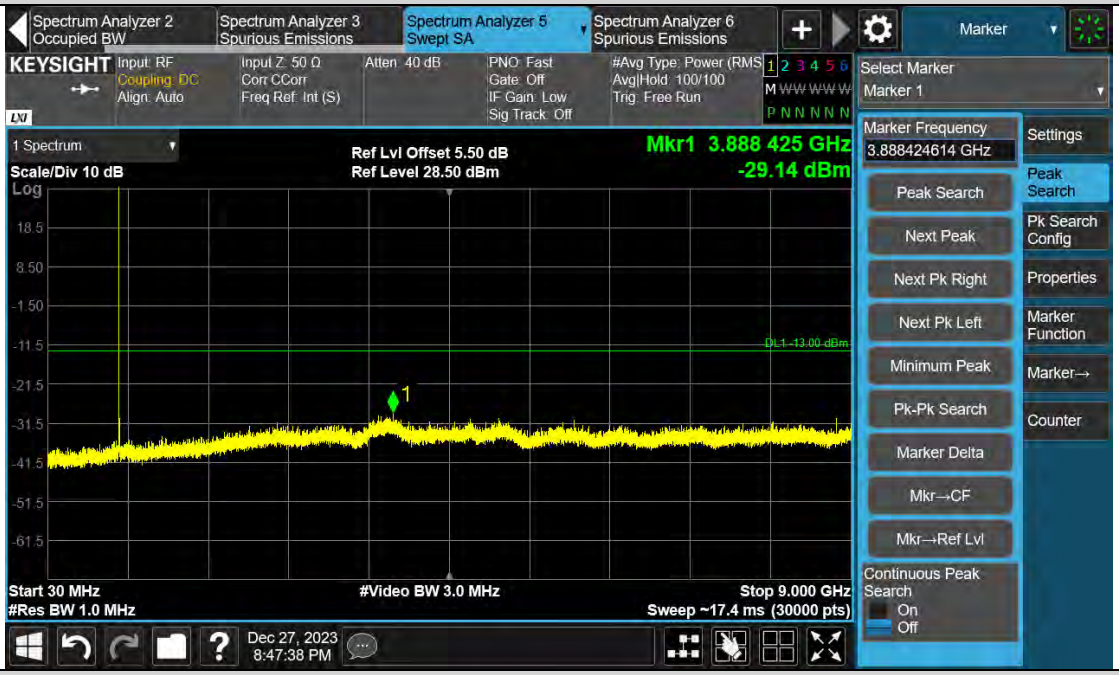
Band5-1.4MHz-64QAM-20525-1RB#0-30~9000MHz



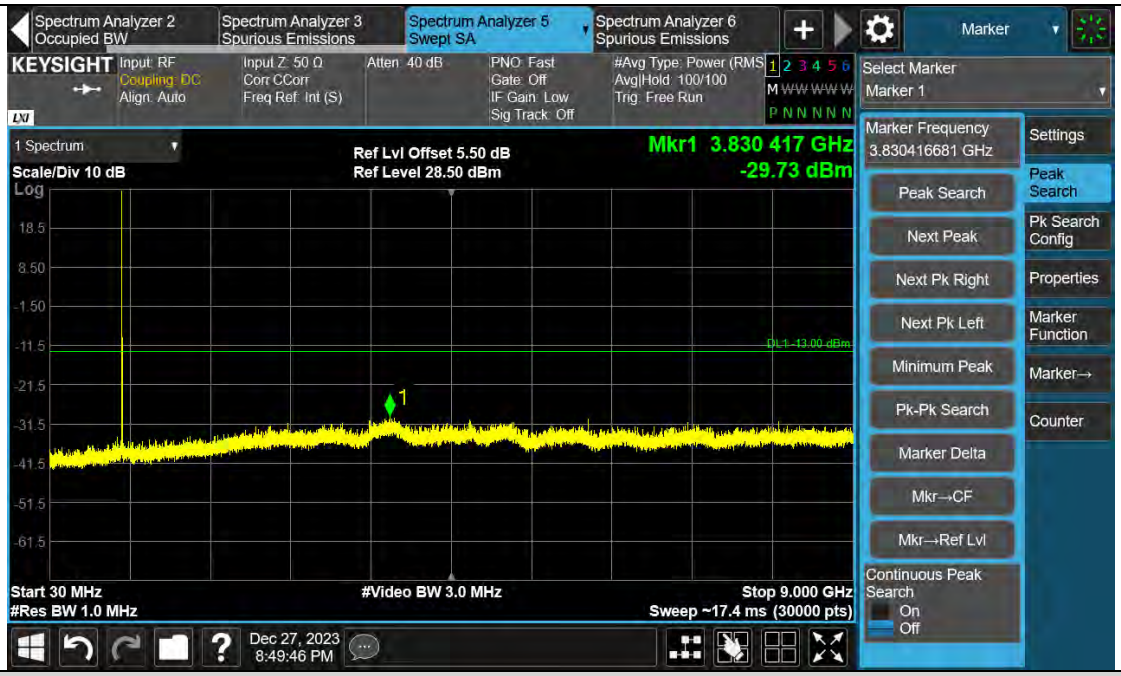
Band5-1.4MHz-64QAM-20643-1RB#0-30~9000MHz



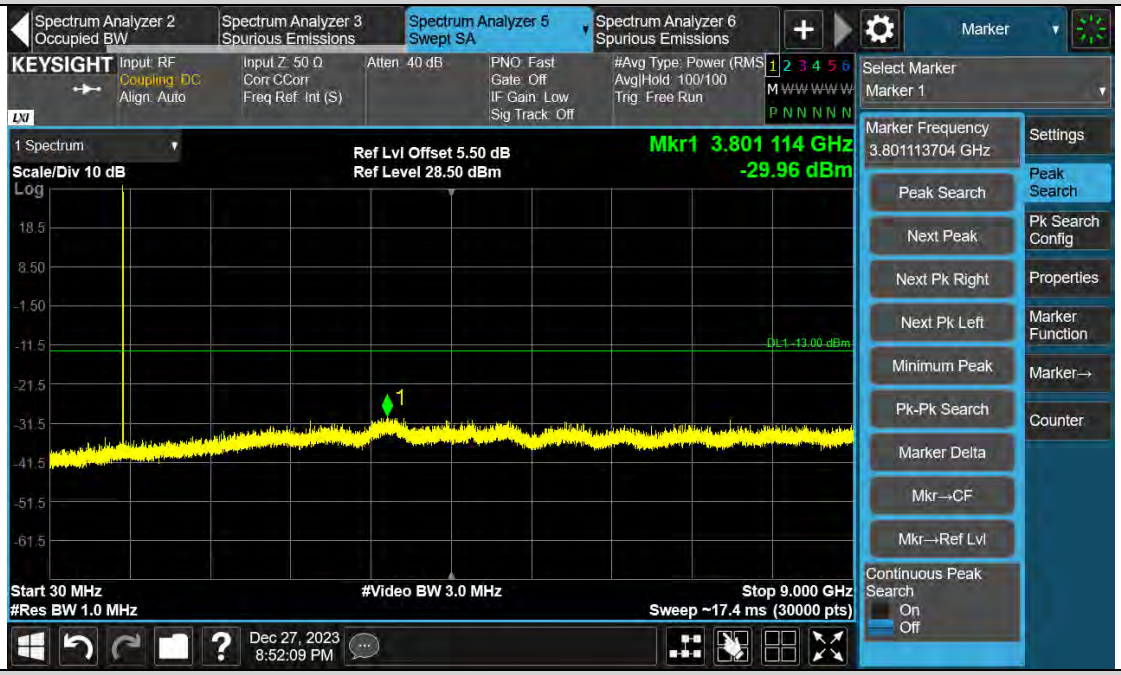
Band5-3MHz-QPSK-20415-1RB#0-30~9000MHz



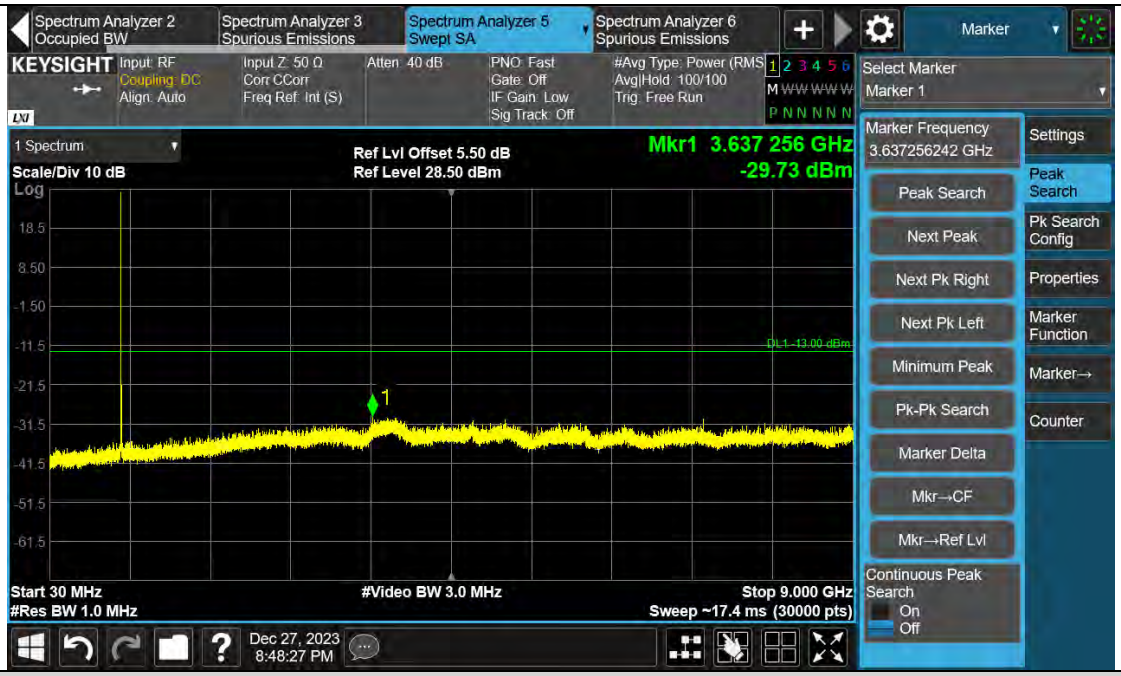
Band5-3MHz-QPSK-20525-1RB#0-30~9000MHz



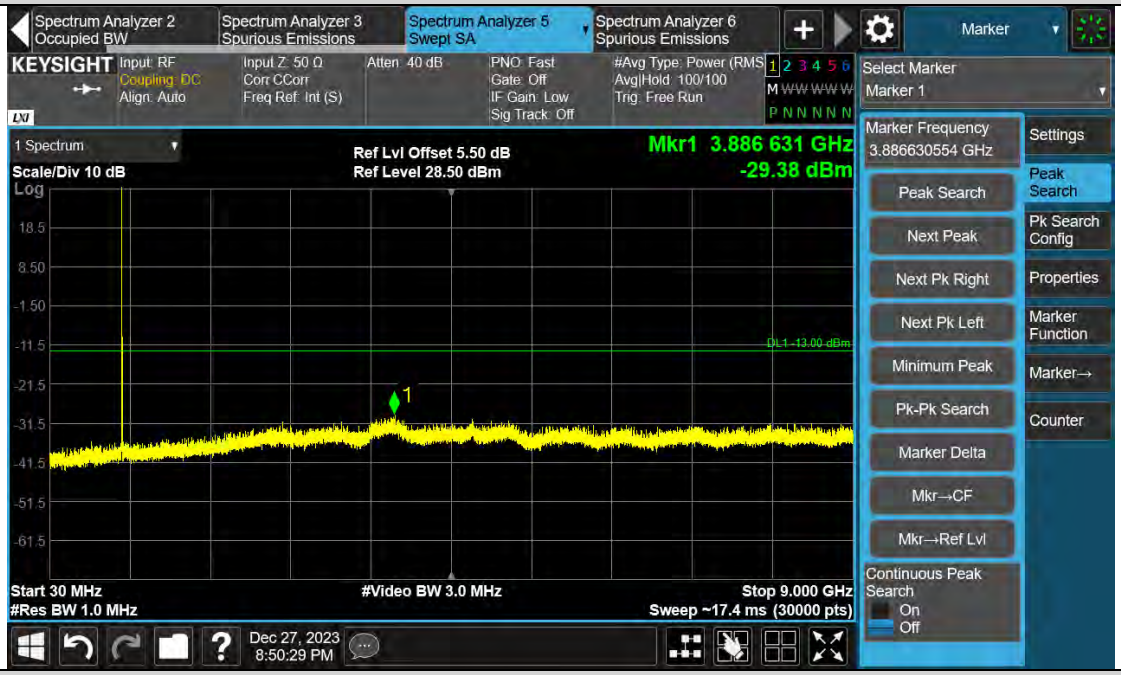
Band5-3MHz-QPSK-20635-1RB#0-30~9000MHz



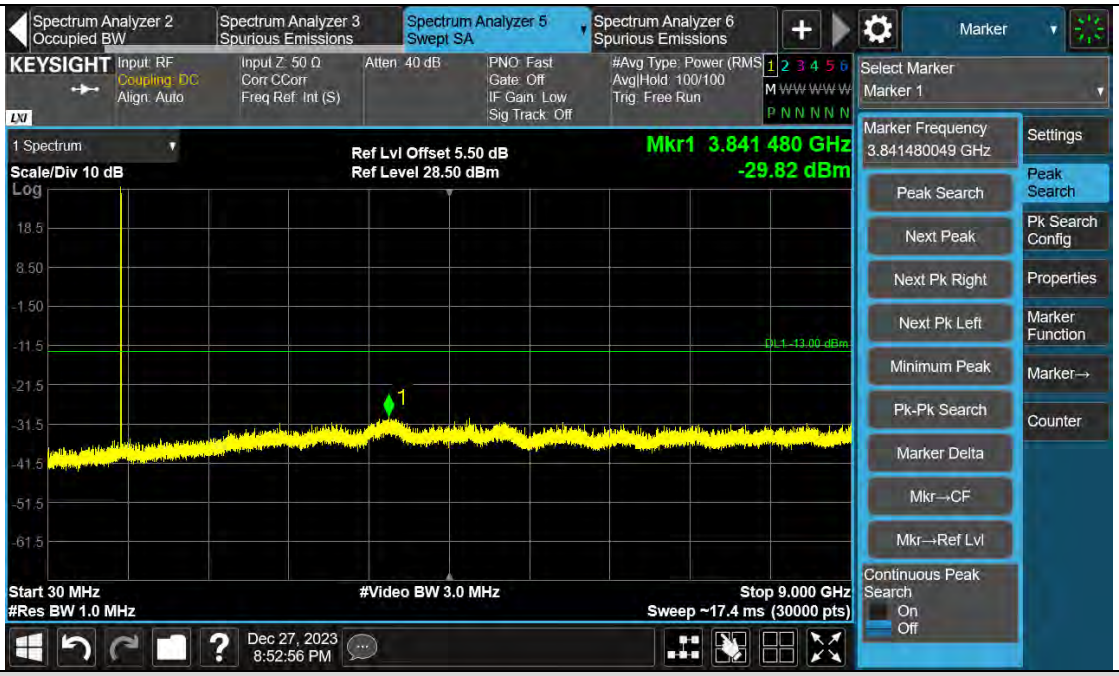
Band5-3MHz-16QAM-20415-1RB#0-30~9000MHz



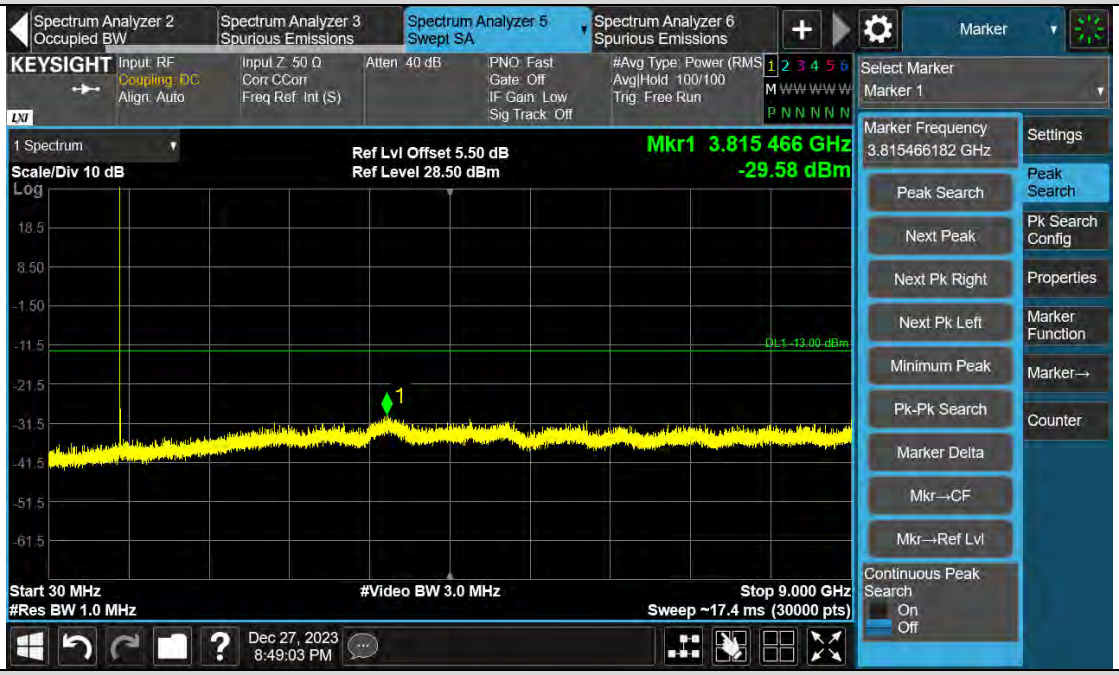
Band5-3MHz-16QAM-20525-1RB#0-30~9000MHz



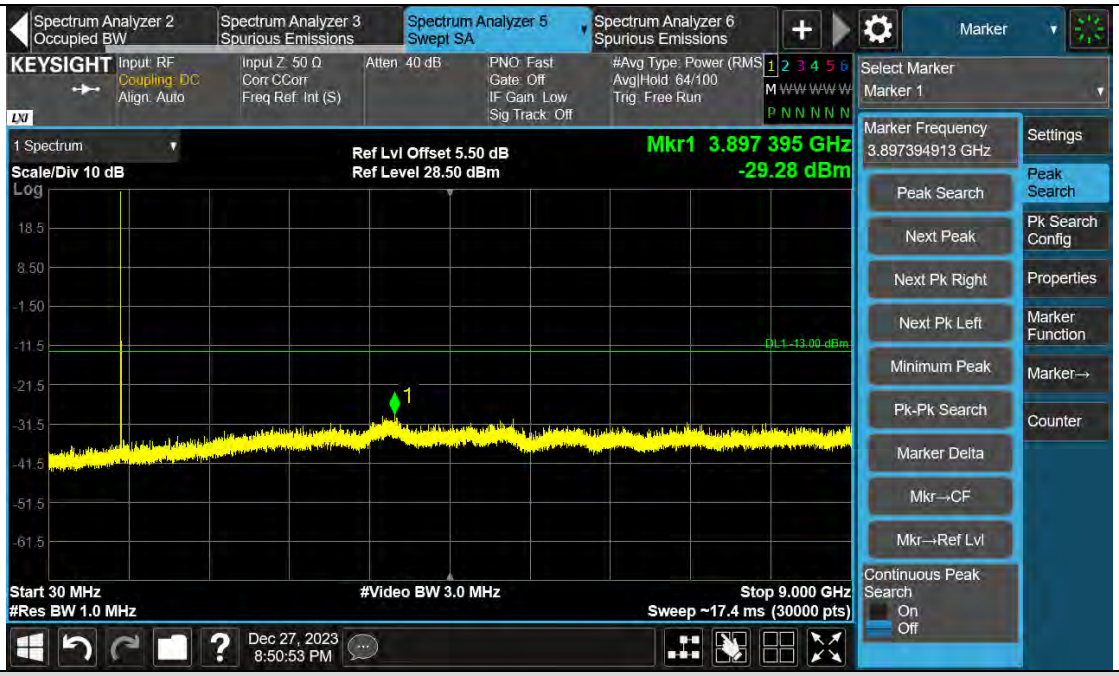
Band5-3MHz-16QAM-20635-1RB#0-30~9000MHz



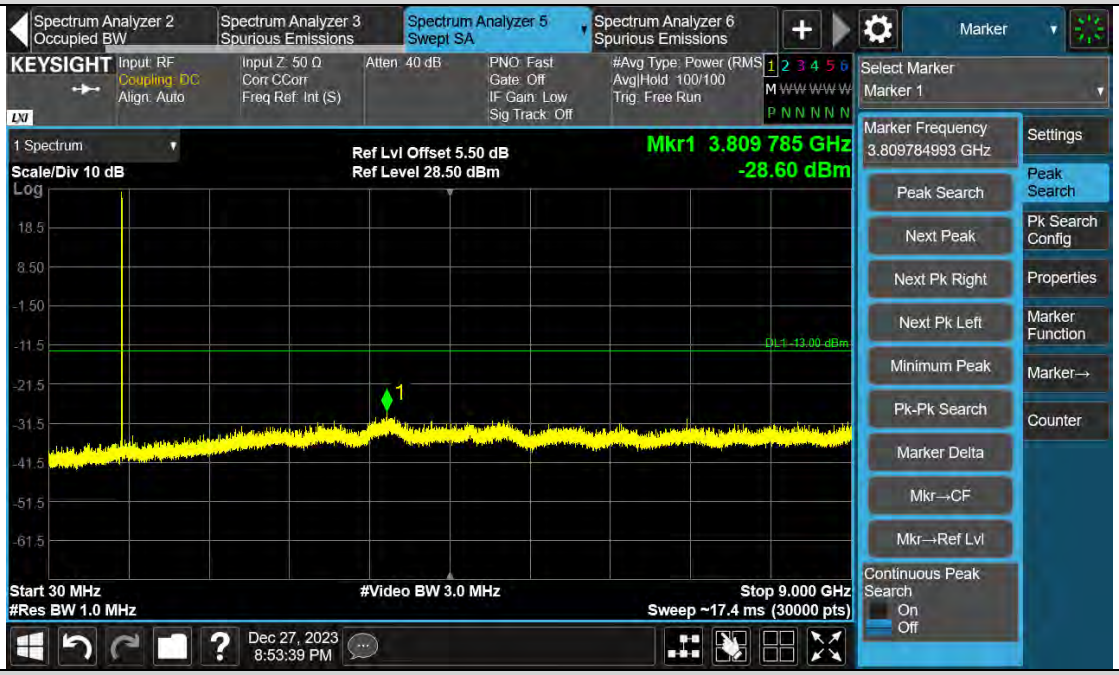
Band5-3MHz-64QAM-20415-1RB#0-30~9000MHz



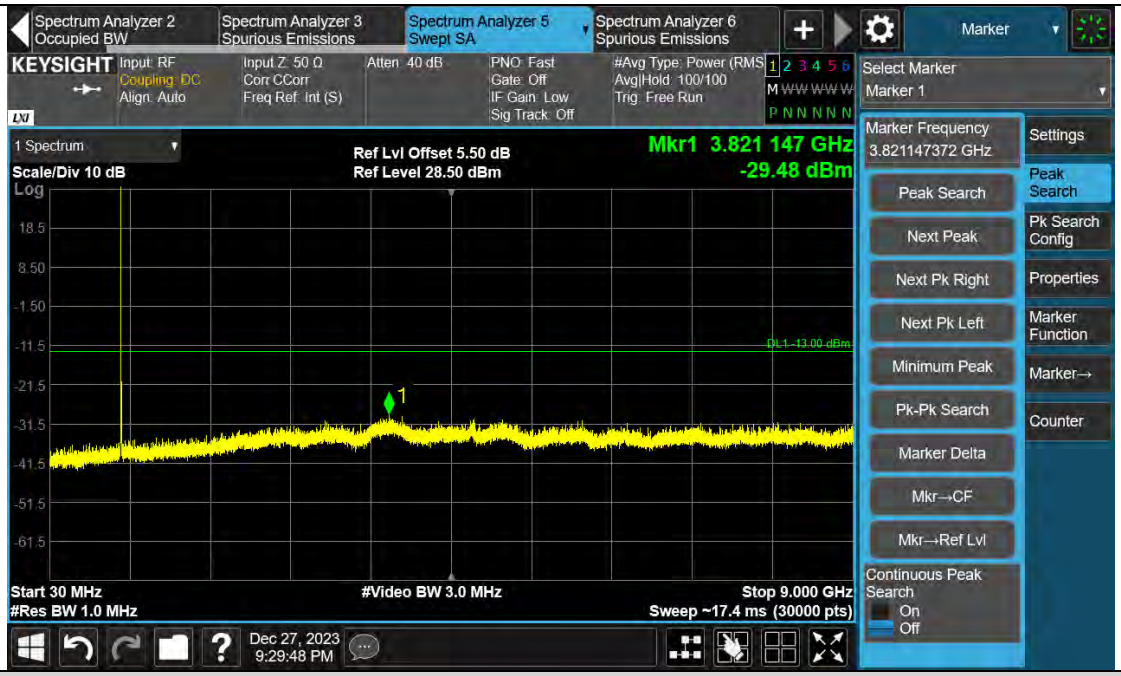
Band5-3MHz-64QAM-20525-1RB#0-30~9000MHz



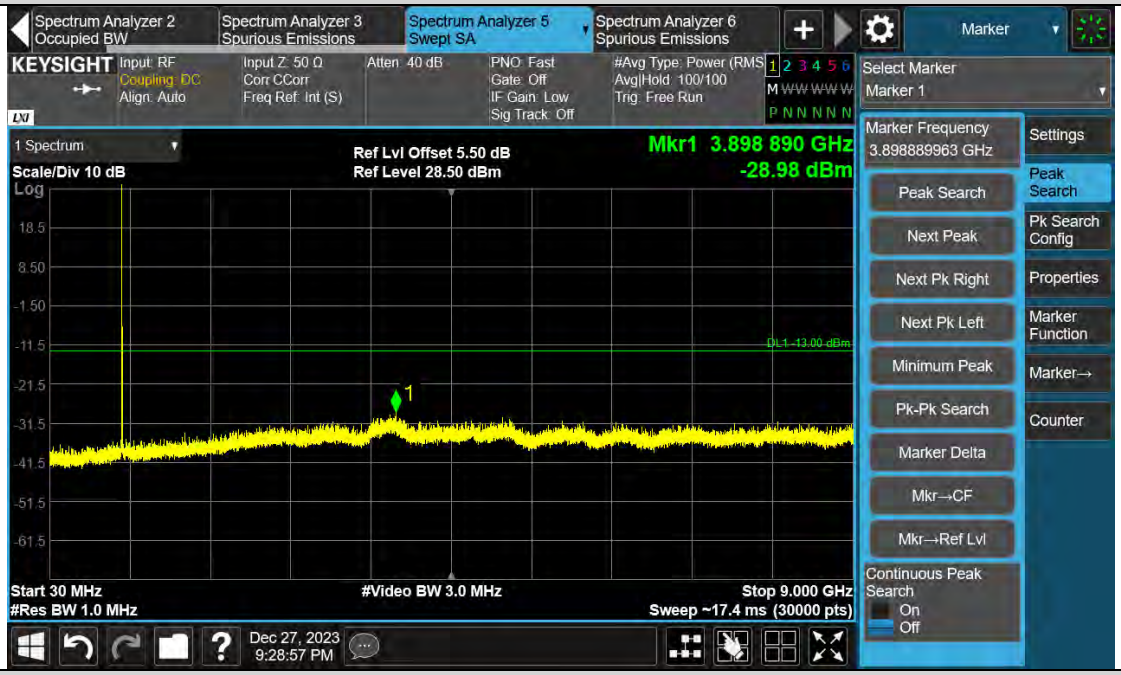
Band5-3MHz-64QAM-20635-1RB#0-30~9000MHz



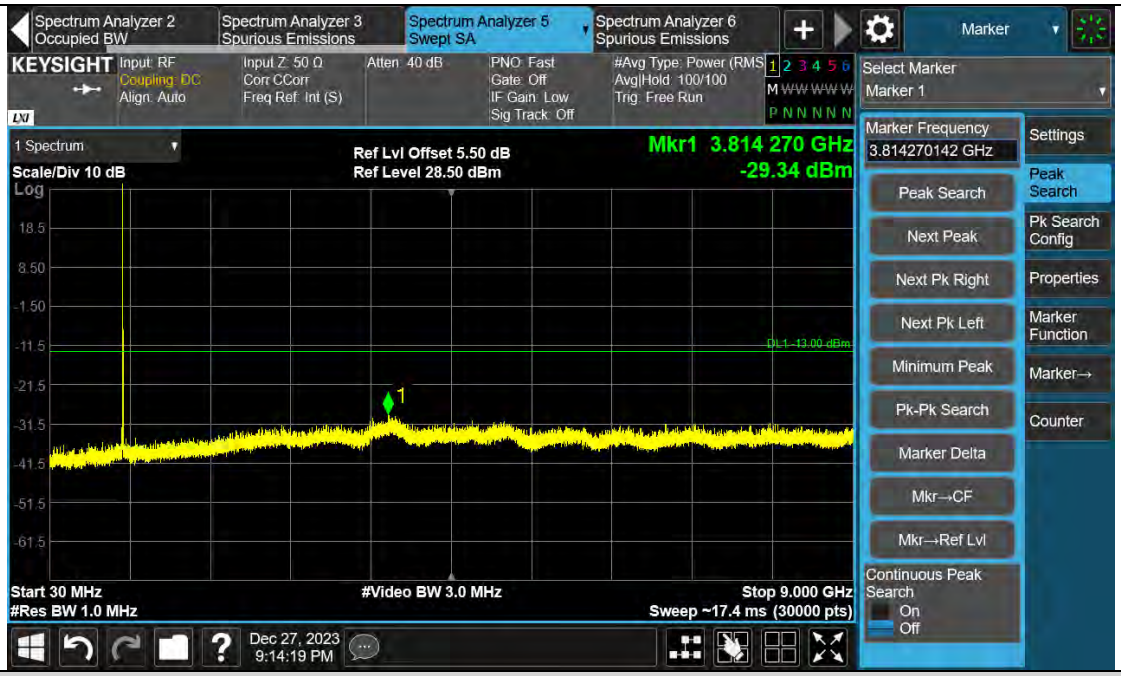
Band5-5MHz-QPSK-20425-1RB#0-30~9000MHz



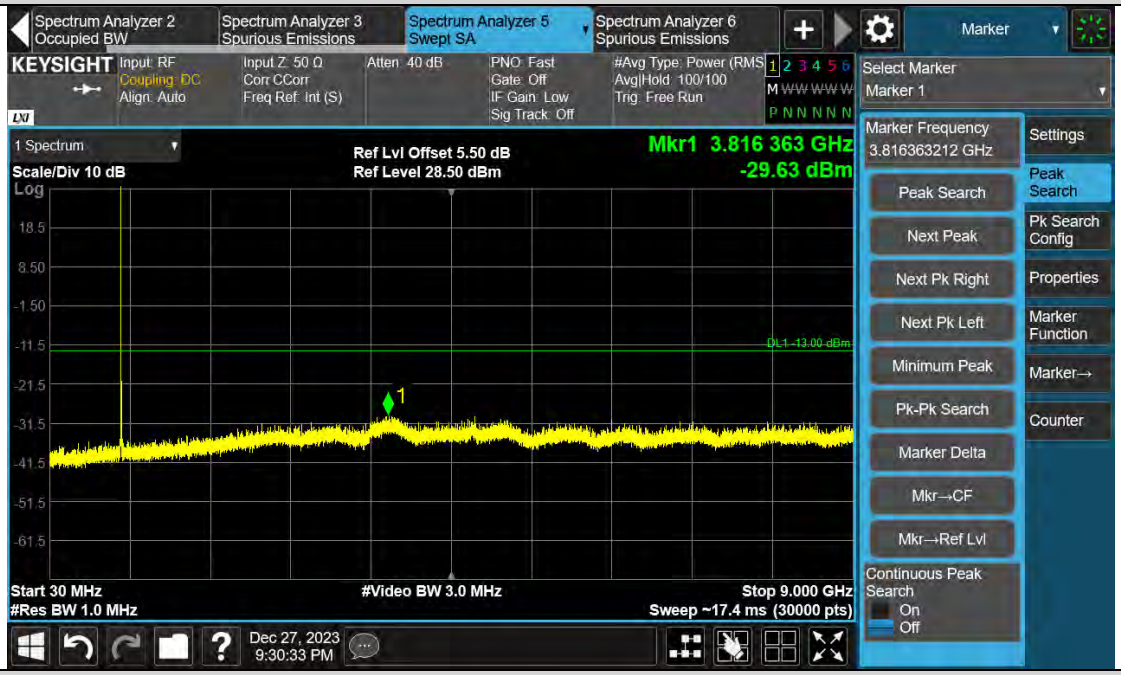
Band5-5MHz-QPSK-20525-1RB#0-30~9000MHz



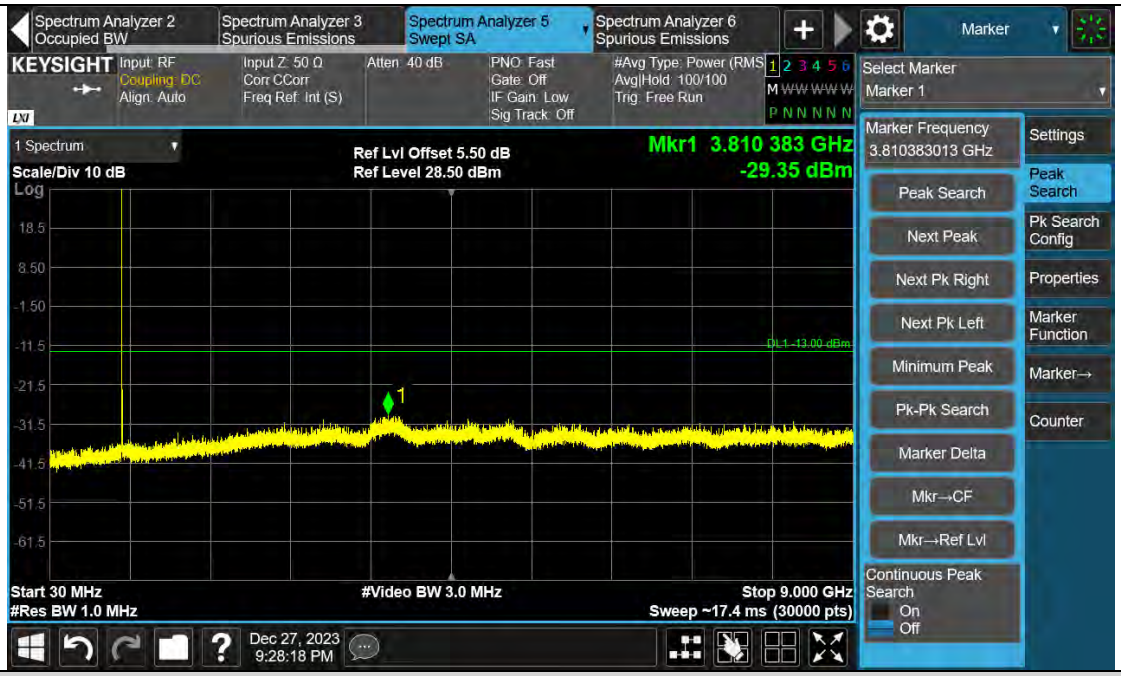
Band5-5MHz-QPSK-20625-1RB#0-30~9000MHz



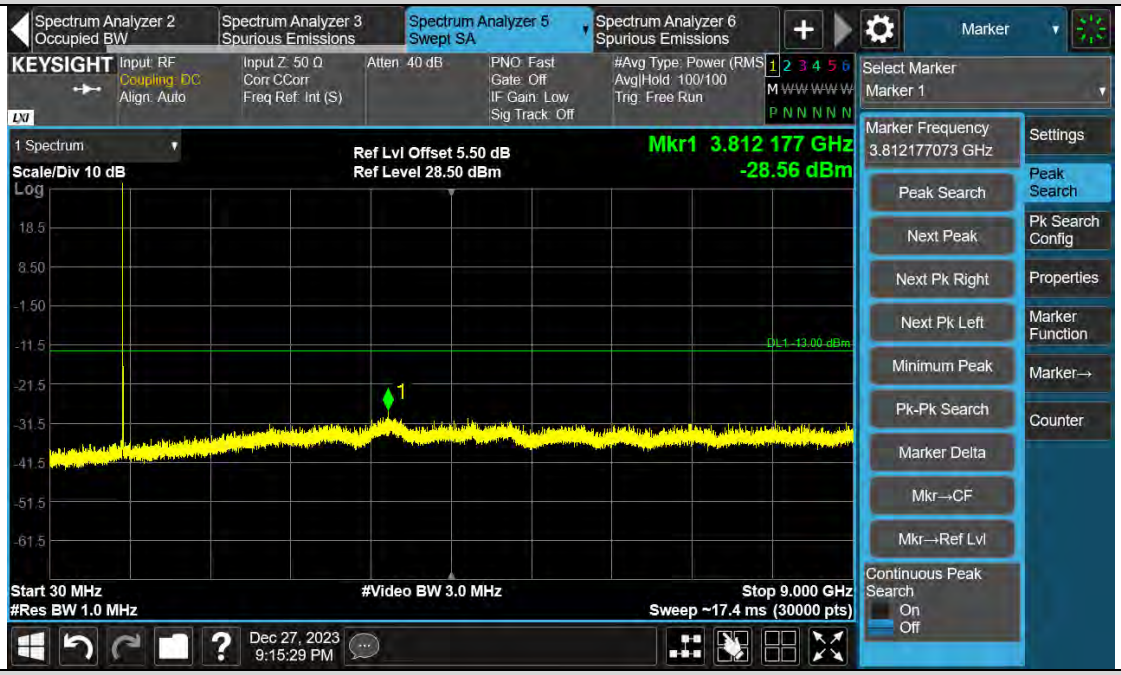
Band5-5MHz-16QAM-20425-1RB#0-30~9000MHz



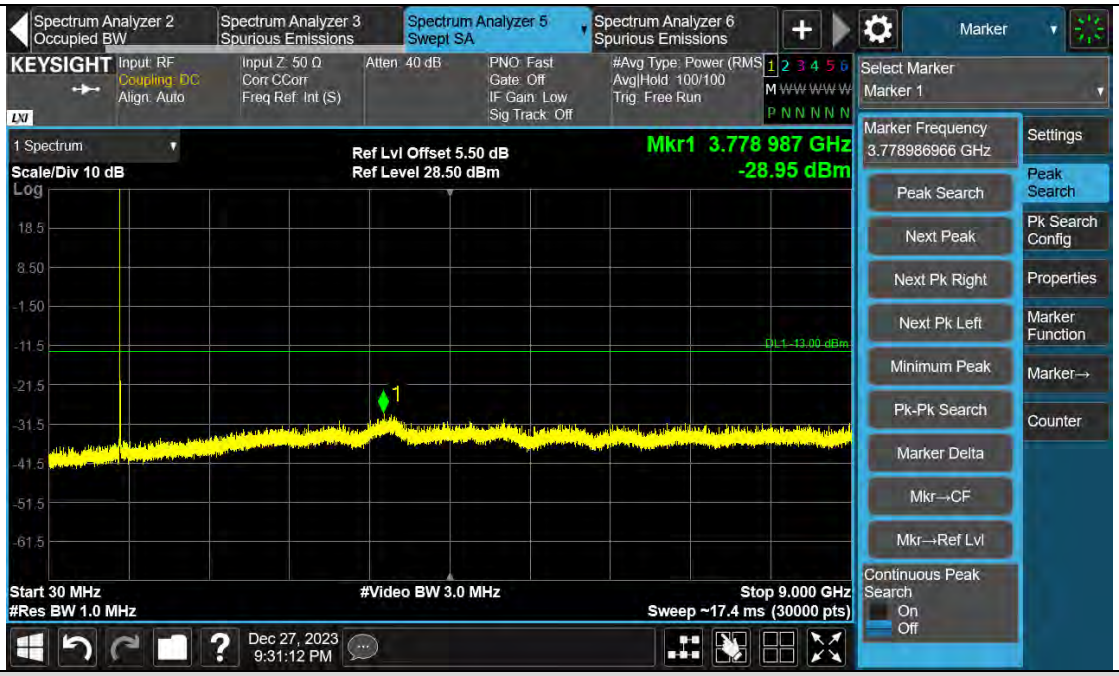
Band5-5MHz-16QAM-20525-1RB#0-30~9000MHz



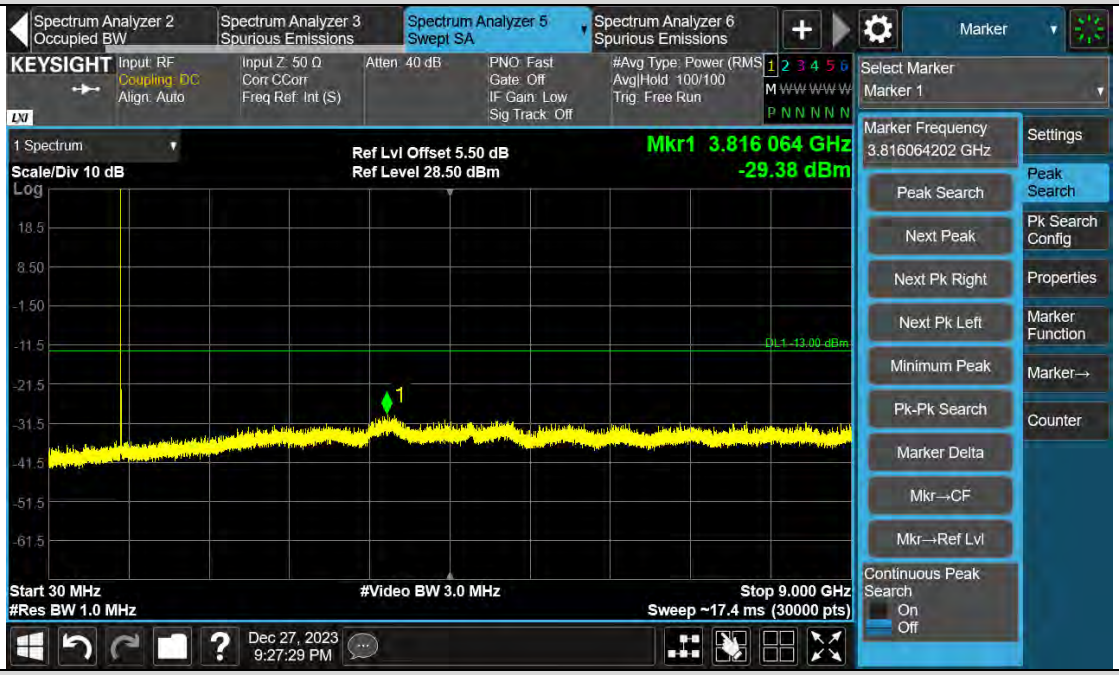
Band5-5MHz-16QAM-20625-1RB#0-30~9000MHz



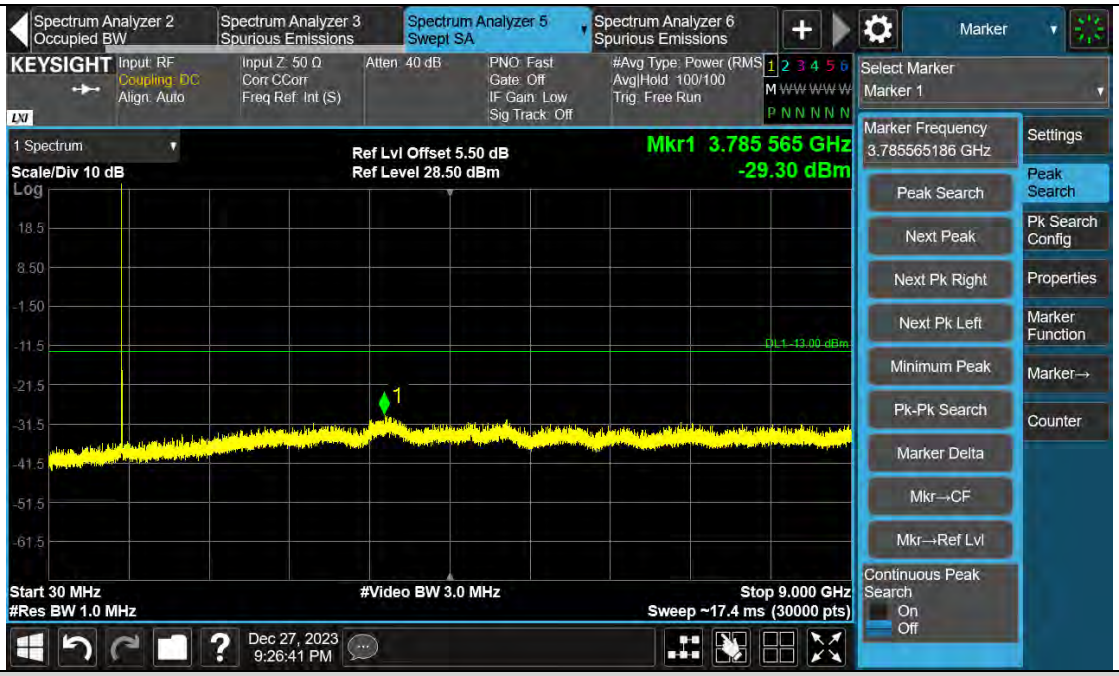
Band5-5MHz-64QAM-20425-1RB#0-30~9000MHz



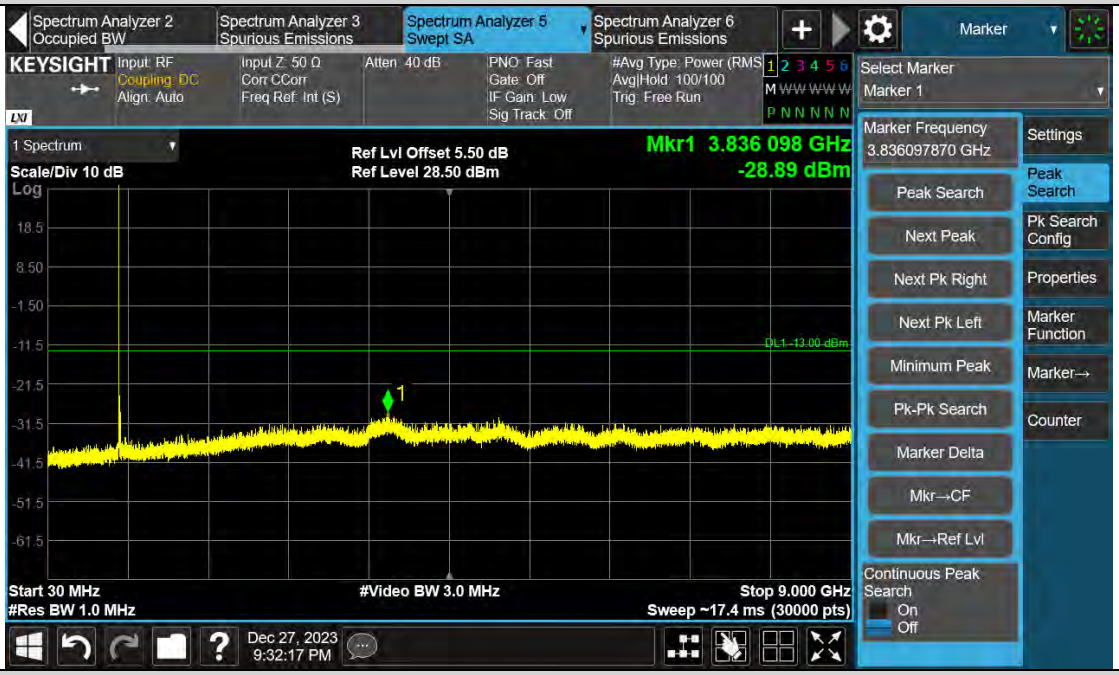
Band5-5MHz-64QAM-20525-1RB#0-30~9000MHz



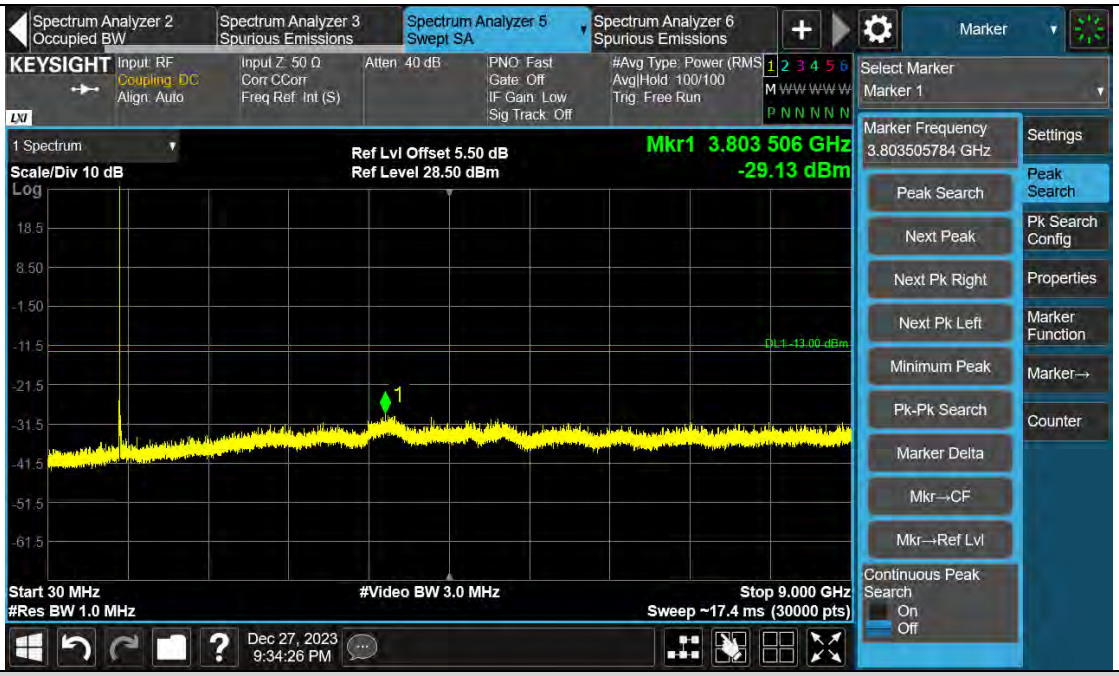
Band5-5MHz-64QAM-20625-1RB#0-30~9000MHz



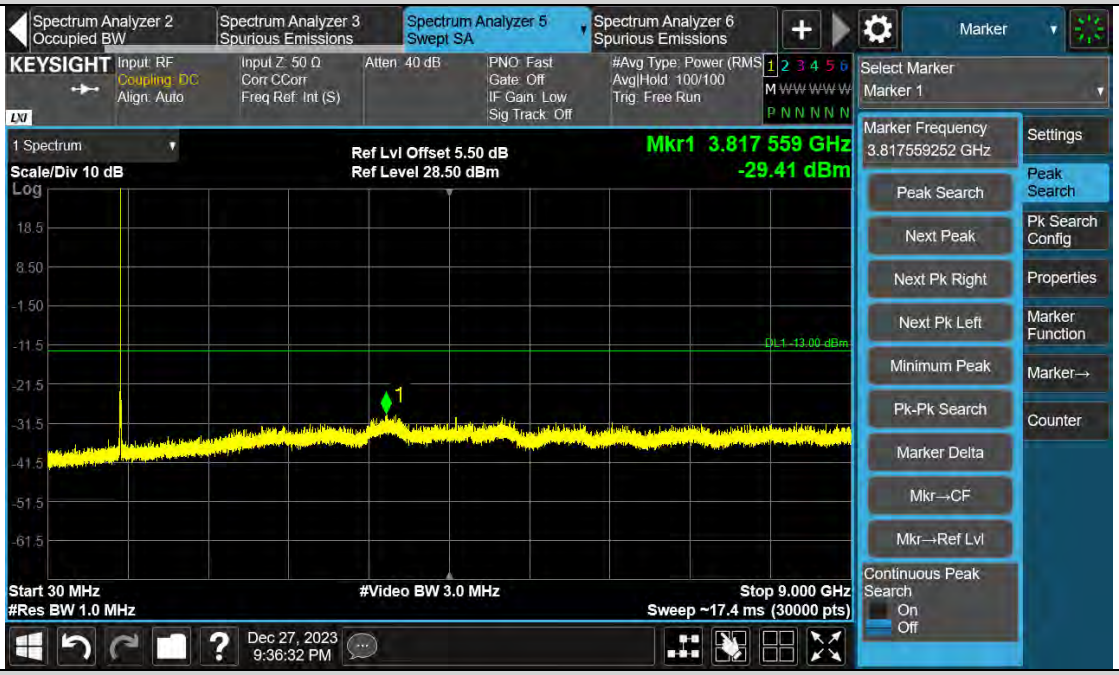
Band5-10MHz-QPSK-20450-1RB#0-30~9000MHz



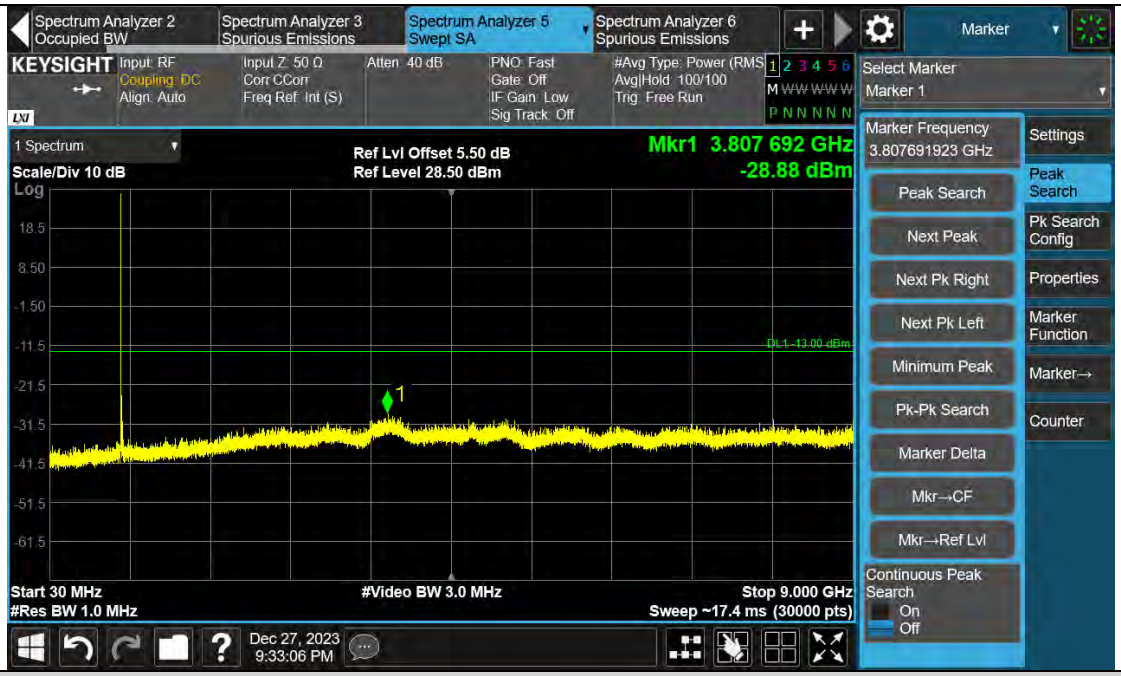
Band5-10MHz-QPSK-20525-1RB#0-30~9000MHz



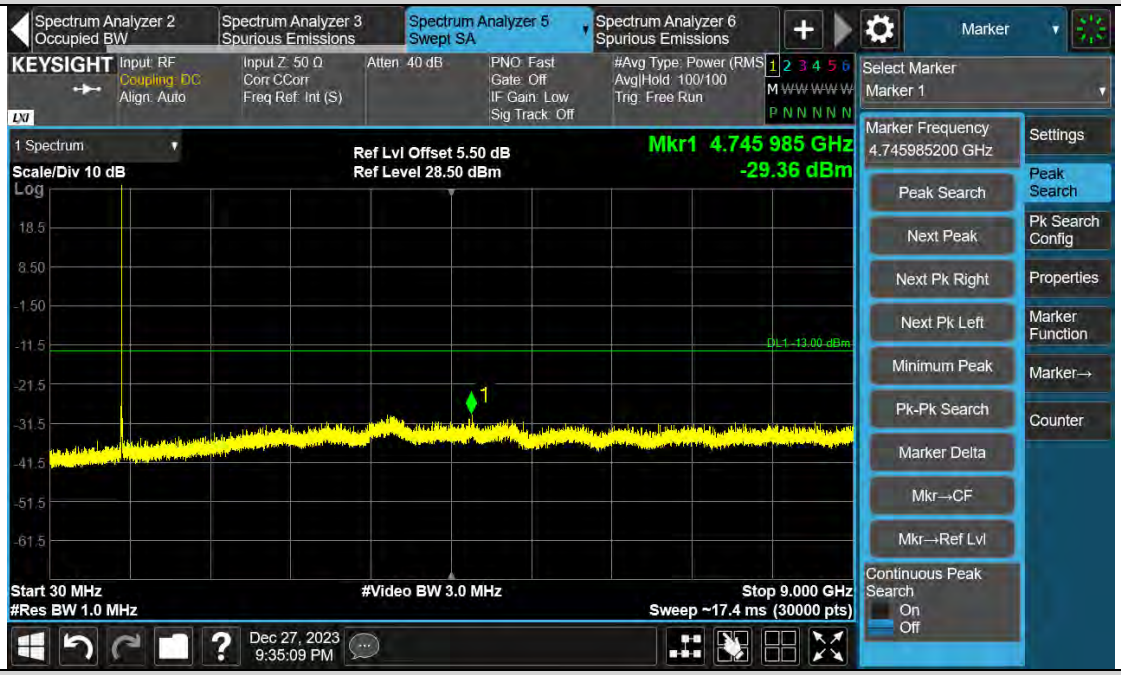
Band5-10MHz-QPSK-20600-1RB#0-30~9000MHz



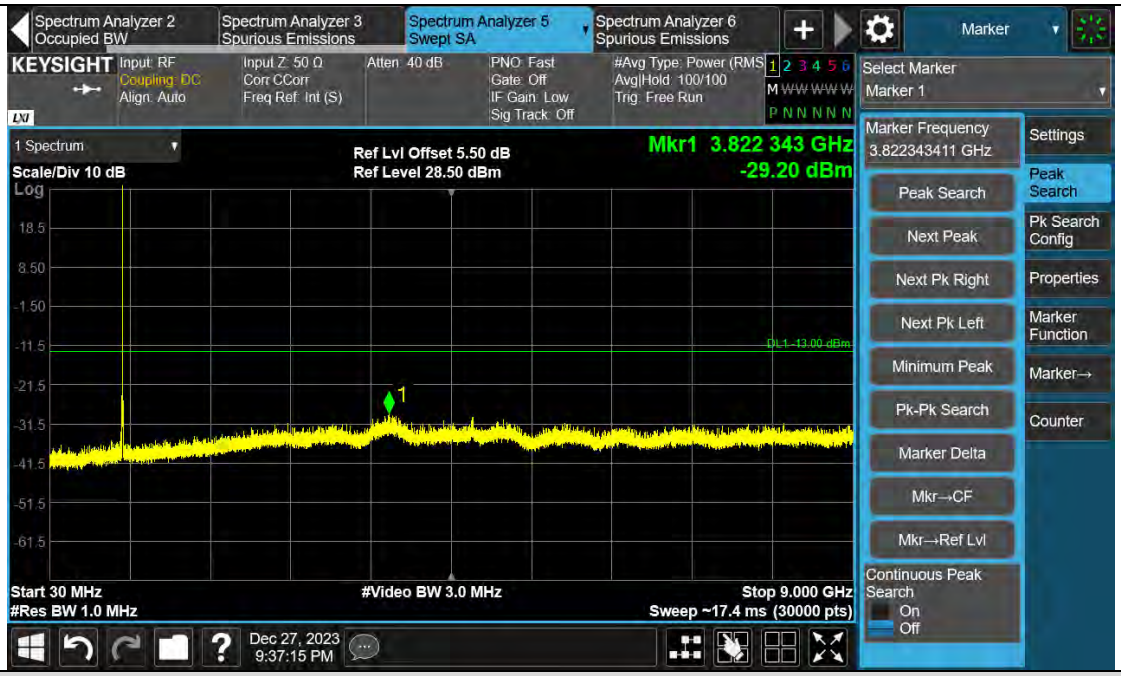
Band5-10MHz-16QAM-20450-1RB#0-30~9000MHz



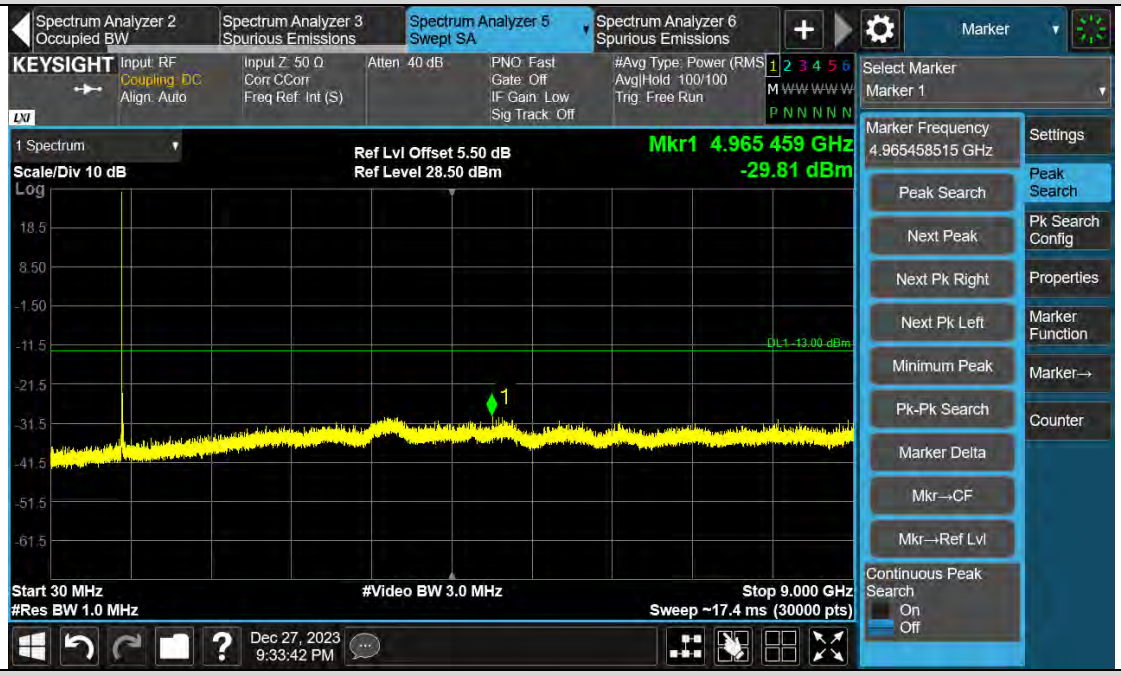
Band5-10MHz-16QAM-20525-1RB#0-30~9000MHz



Band5-10MHz-16QAM-20600-1RB#0-30~9000MHz

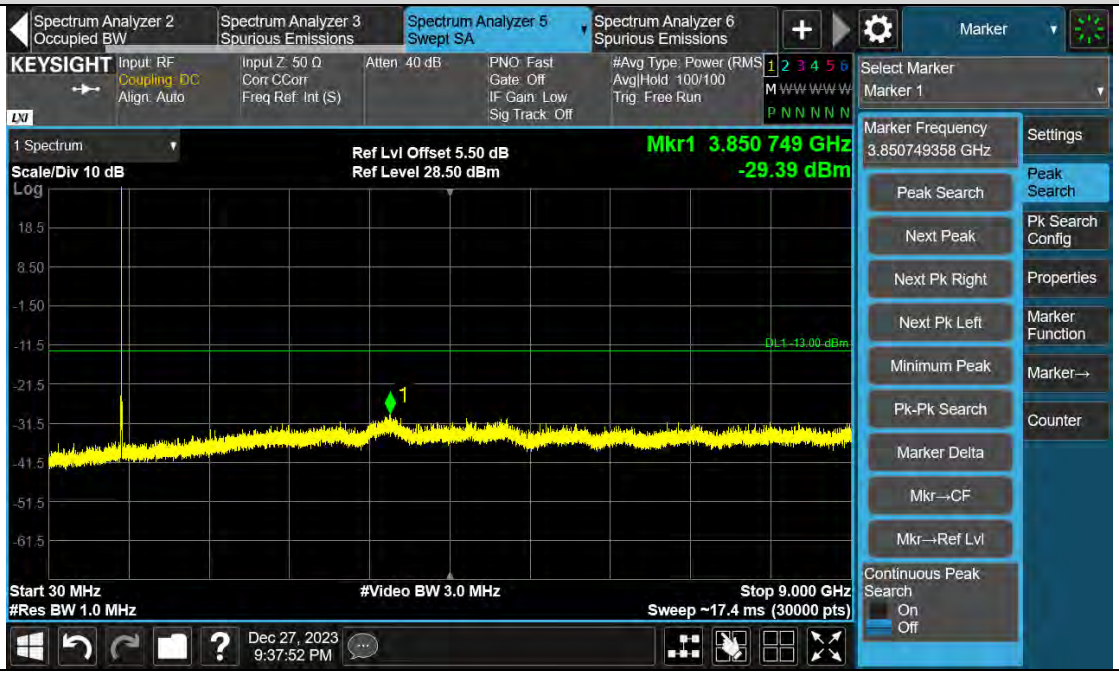


Band5-10MHz-64QAM-20450-1RB#0-30~9000MHz



Band5-10MHz-64QAM-20525-1RB#0-30~9000MHz

Band5-10MHz-64QAM-20600-1RB#0-30~9000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	3.56	0.004294	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-10.55	-0.012726	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-12.26	-0.014789	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-14.07	-0.016820	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-14.41	-0.017227	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.11	-0.002522	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-0.92	-0.001090	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	9.07	0.010746	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-5.28	-0.006256	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	9.78	0.011797	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-0.32	-0.000386	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-5.64	-0.006803	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-0.02	-0.000024	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-7.82	-0.009348	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	10.74	0.012839	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-6.84	-0.008104	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-8.89	-0.010533	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-14.55	-0.017239	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	6.31	0.007612	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	1.05	0.001267	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	0.38	0.000458	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-14.84	-0.017741	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-12.56	-0.015015	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	7.47	0.008930	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	9.63	0.011410	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-5.94	-0.007038	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	6.84	0.008104	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	5.32	0.006417	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-1.81	-0.002183	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-12.92	-0.015585	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-9.27	-0.011182	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.16	-0.002606	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-11.36	-0.013703	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	3.37	0.004065	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.53	-0.003052	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	50	11.43	0.013788	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	10.88	0.013007	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-14.85	-0.017753	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-8.86	-0.010592	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.53	-0.004220	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-8.16	-0.009755	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-9.78	-0.011692	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	13.2	0.015780	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.46	-0.000550	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	10.35	0.012373	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	3.82	0.004526	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	6.63	0.007855	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	2.66	0.003152	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	3.55	0.004206	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-5.8	-0.006872	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.53	-0.002998	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-4.29	-0.005083	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-5.23	-0.006197	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	3.83	0.004538	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	5.13	0.006188	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-5.25	-0.006333	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	10.59	0.012774	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	11.57	0.013957	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-0.37	-0.000446	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	4.34	0.005235	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	3.86	0.004656	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.83	-0.002207	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	11.79	0.014222	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	14.75	0.017633	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-8.31	-0.009934	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	3.75	0.004483	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	3.57	0.004268	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-2.95	-0.003527	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	4.72	0.005643	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-14.16	-0.016928	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-9.66	-0.011548	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-3.93	-0.004698	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-14.54	-0.017227	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-5.24	-0.006209	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	9.07	0.010746	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	6.39	0.007571	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	14.79	0.017524	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-9.47	-0.011220	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-5.91	-0.007002	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	5.38	0.006374	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	4.04	0.004787	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	5.13	0.006188	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	3.6	0.004343	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	6.62	0.007986	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-2.96	-0.003571	±2.5	PASS

Band5	10MHz	64QAM	20450	50RB#0	NV	10	12.84	0.015489	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	3.04	0.003667	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-5.77	-0.006960	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	7.61	0.009180	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	6.54	0.007889	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	1.41	0.001701	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	3.77	0.004507	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-10	11.76	0.014059	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	12.47	0.014907	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	12.76	0.015254	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	9.69	0.011584	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-10.55	-0.012612	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	12.73	0.015218	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	9.97	0.011919	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-1.62	-0.001937	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-0.33	-0.000391	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	-9.61	-0.011386	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-2.23	-0.002642	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	10.48	0.012417	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	-3.95	-0.004680	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	8.41	0.009964	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	5.77	0.006836	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-5.55	-0.006576	±2.5	PASS

--END--