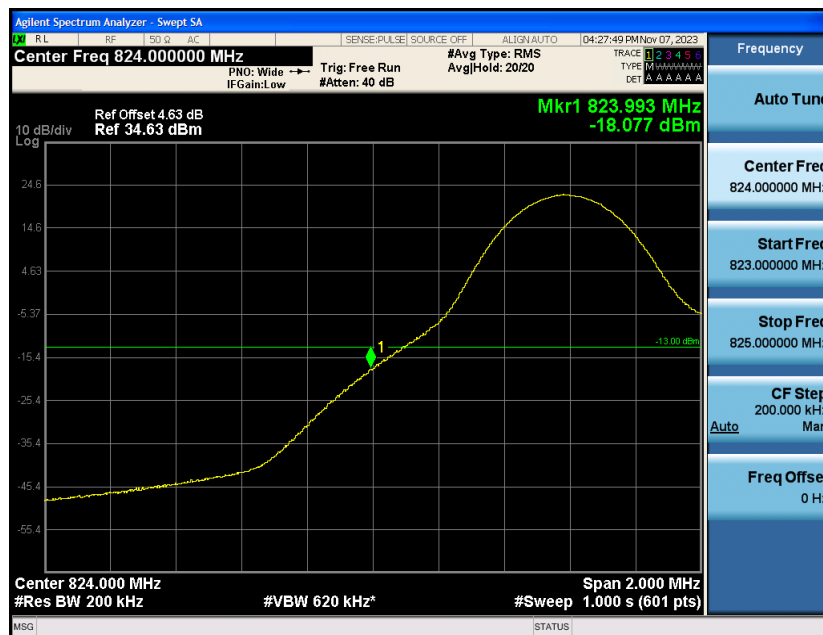




Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-1RB#49



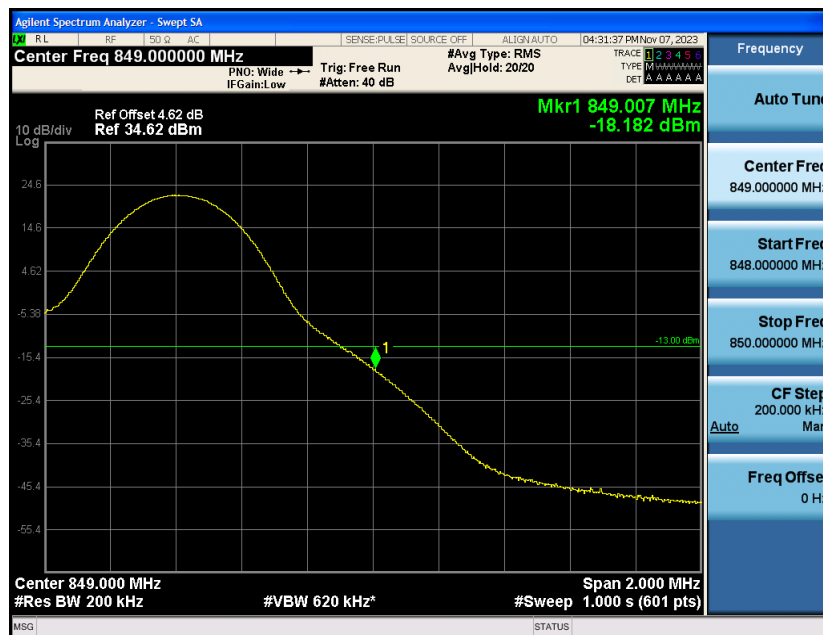
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



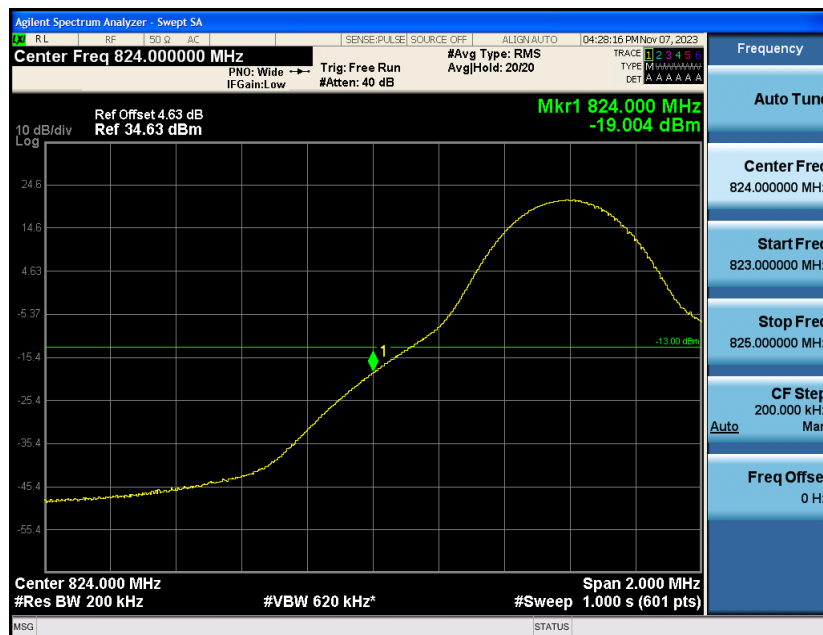
Band5-10MHz-QPSK-20600-1RB#49



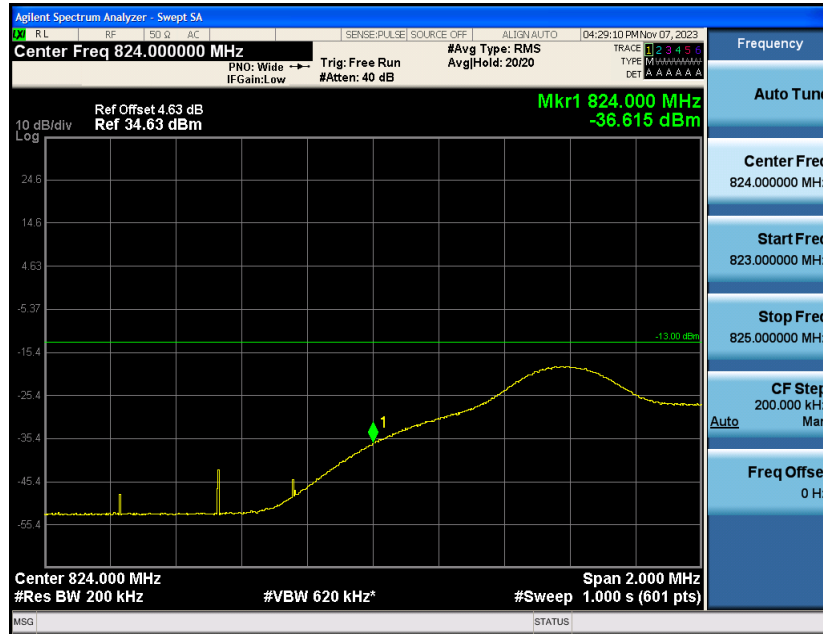
Band5-10MHz-QPSK-20600-50RB#0



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



Band5-10MHz-16QAM-20450-1RB#49



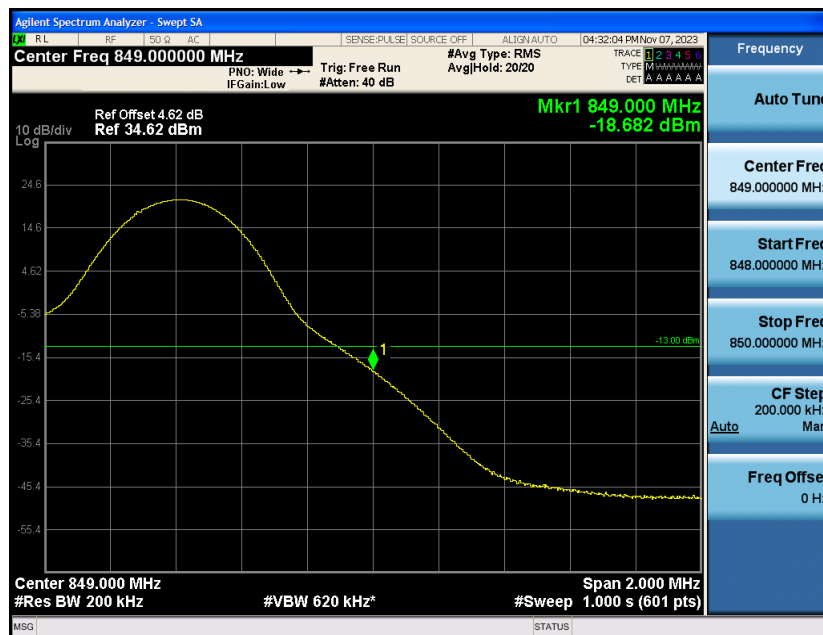
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



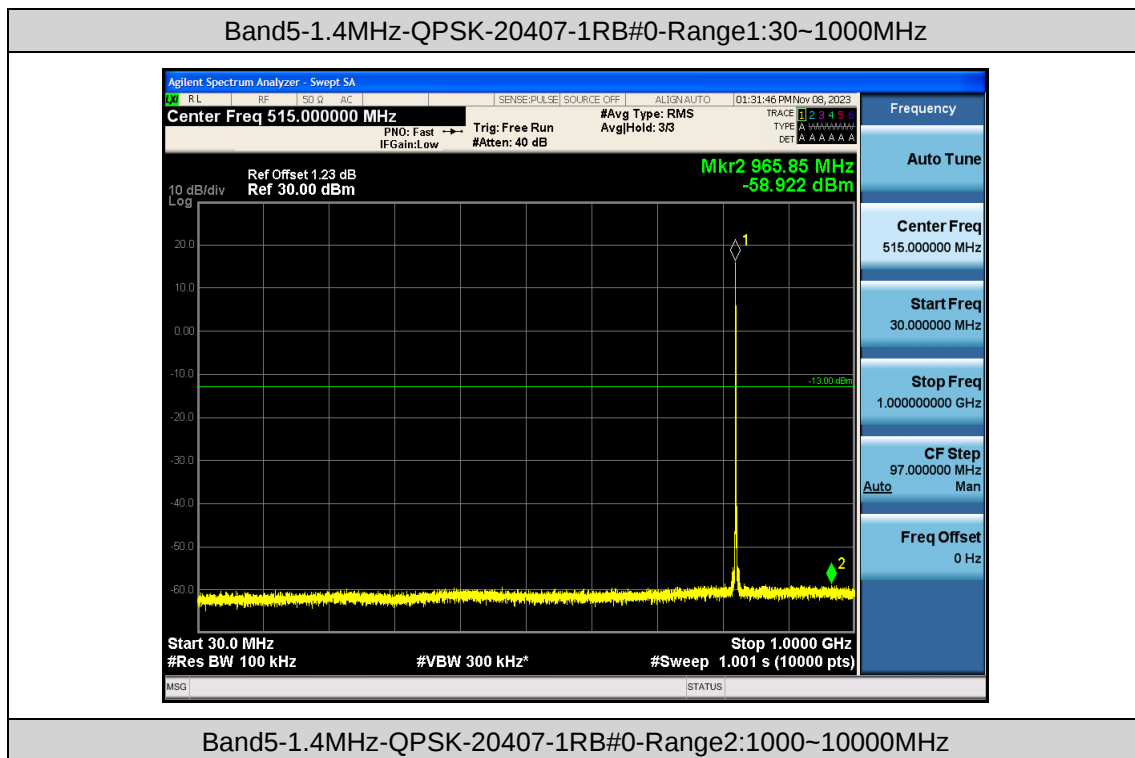
Appendix E: Conducted Spurious Emission

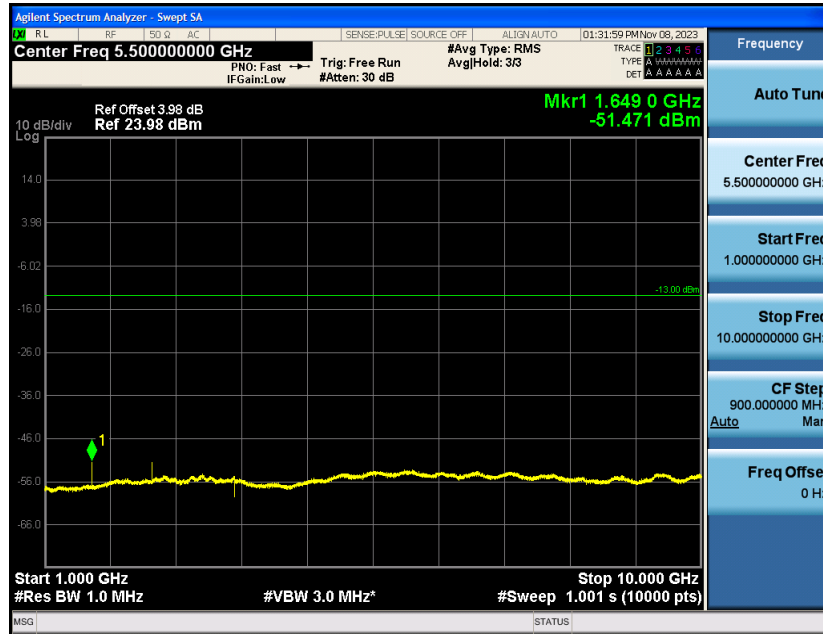
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-58.92	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-51.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-50.17	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-59.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-49.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-58.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-52.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-51.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-58.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-49.29	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-58.49	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-51.35	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.83	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-50.7	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-58.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-49.96	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-59.05	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-51.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.7	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-51.99	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-59.03	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-51.32	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-58.67	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-50.91	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.58	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-50.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-58.57	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-51.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-58.43	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-52.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.83	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-51.26	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-58.53	PASS

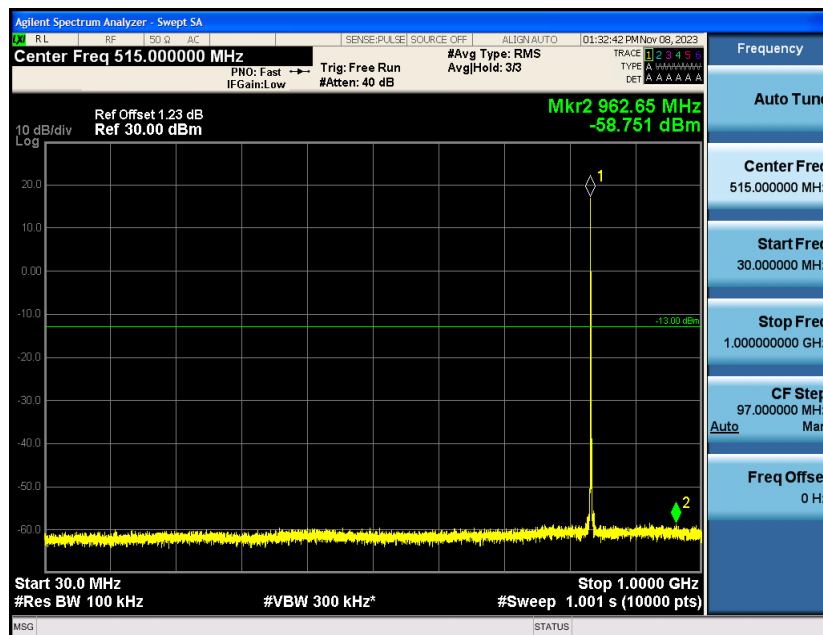
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-51.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-58.94	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-50.68	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-59	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-51.88	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-58.58	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-49.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-58.8	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-52.08	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.93	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-53.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-58.95	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-50.74	PASS

Test Graphs

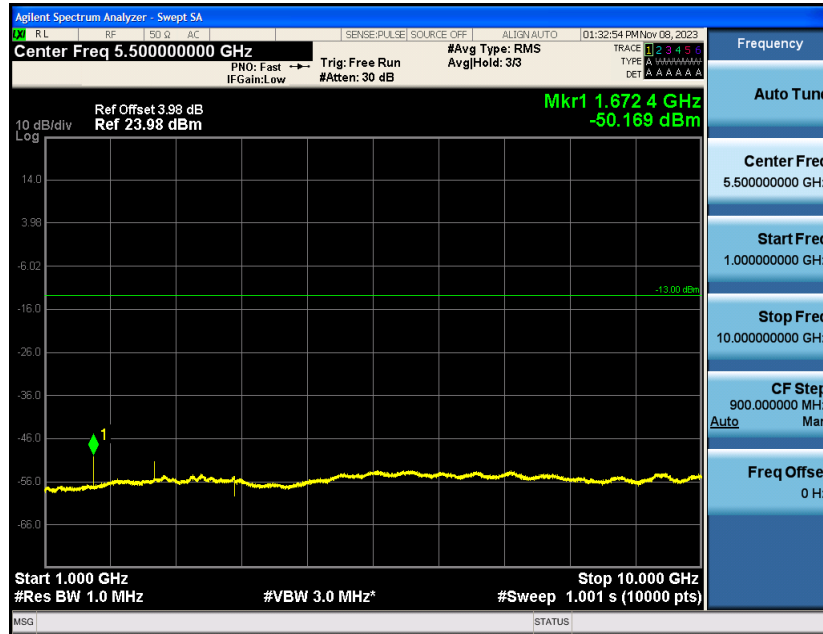




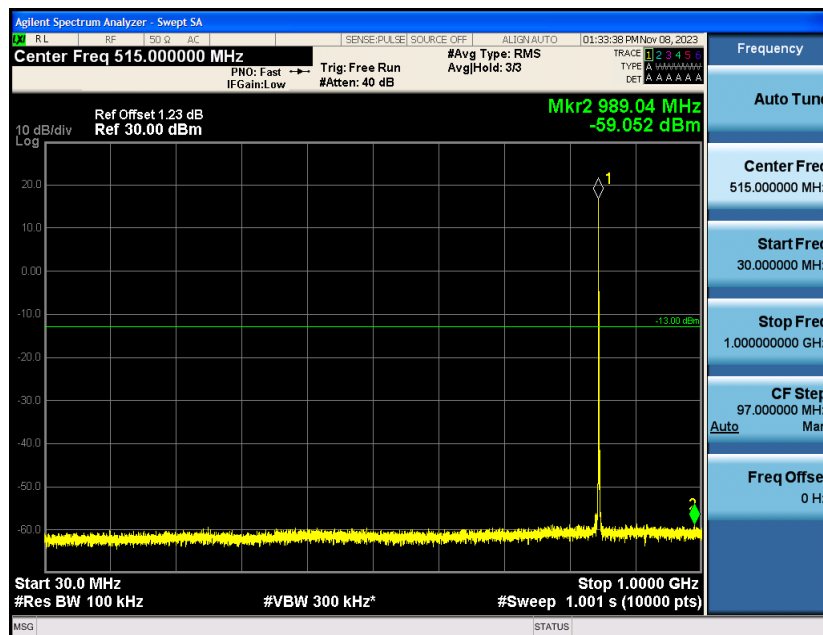
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



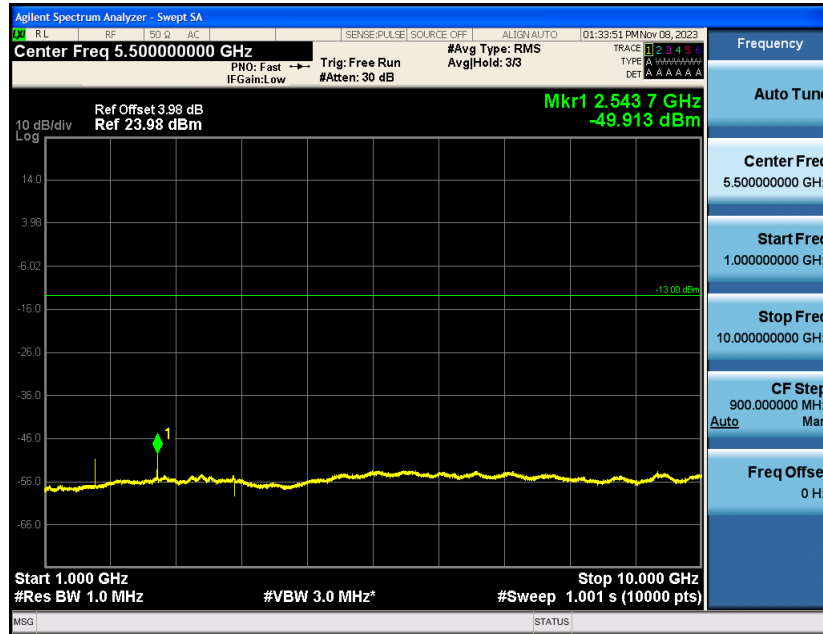
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



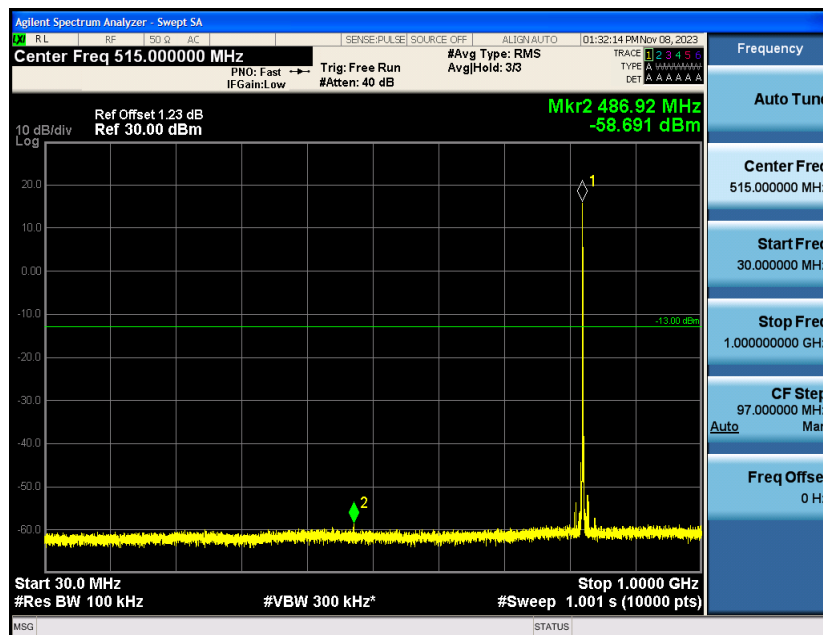
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



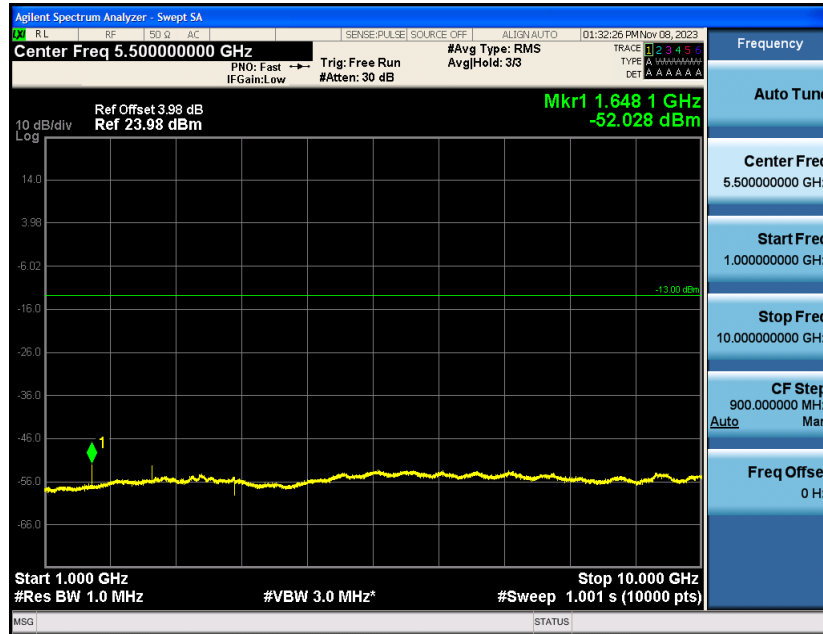
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



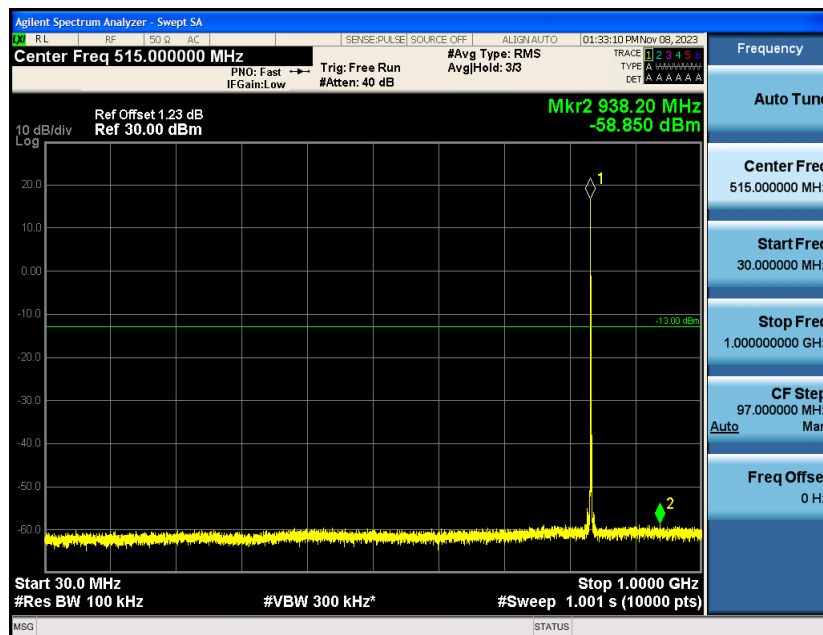
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



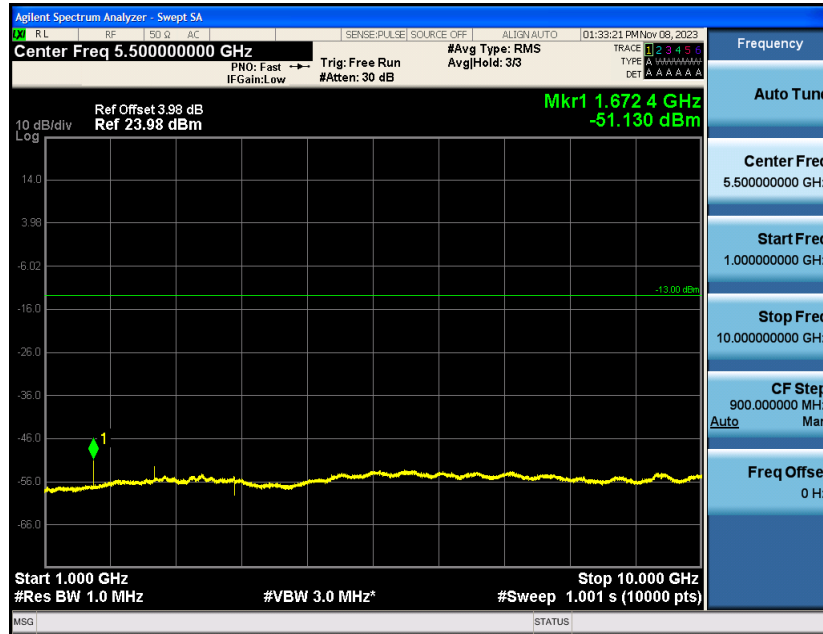
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



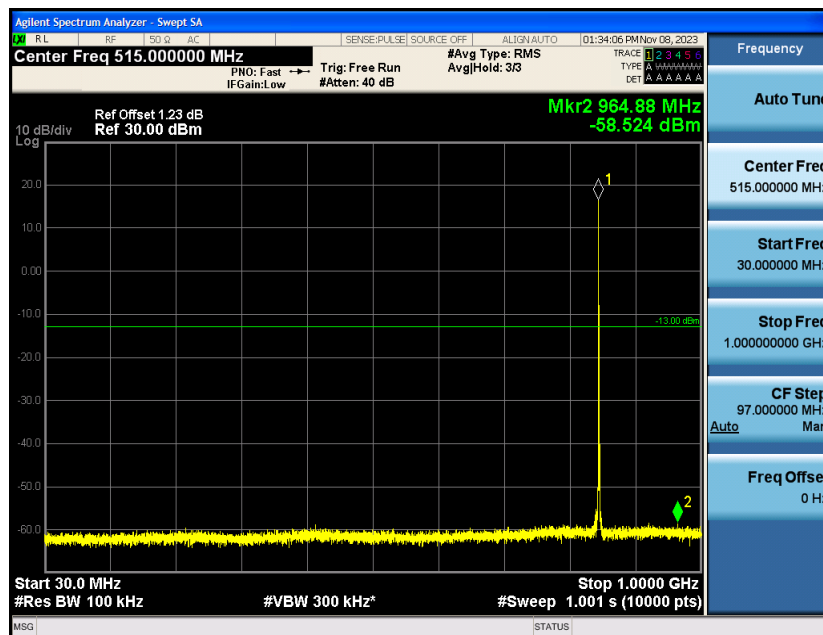
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



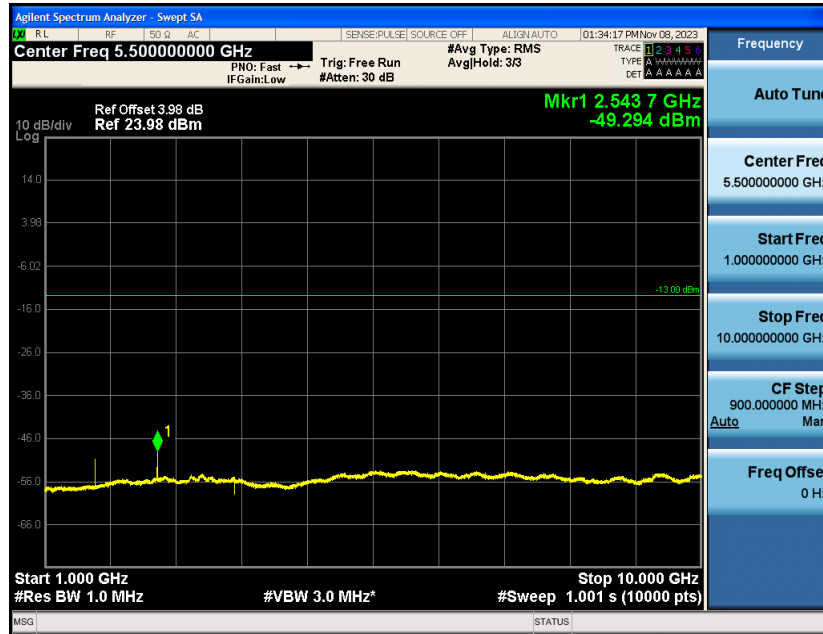
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



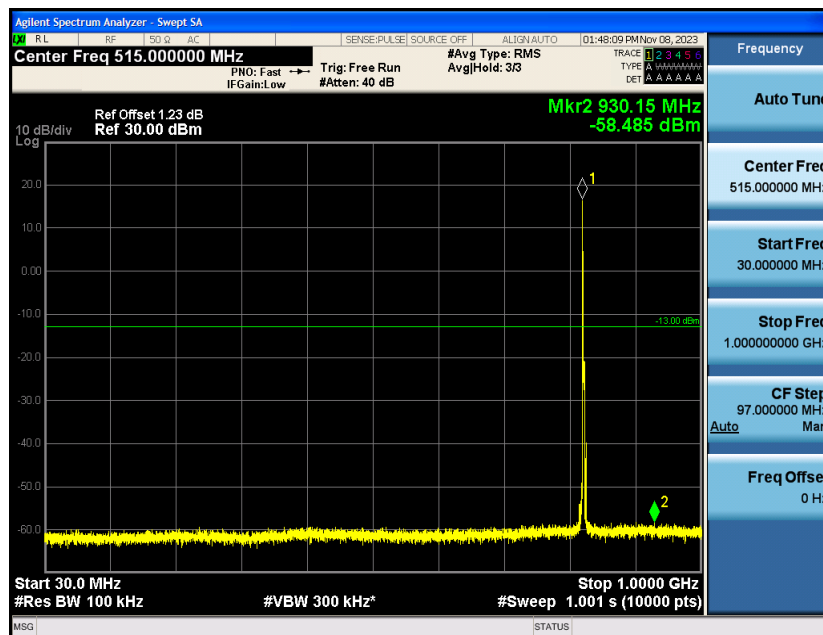
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



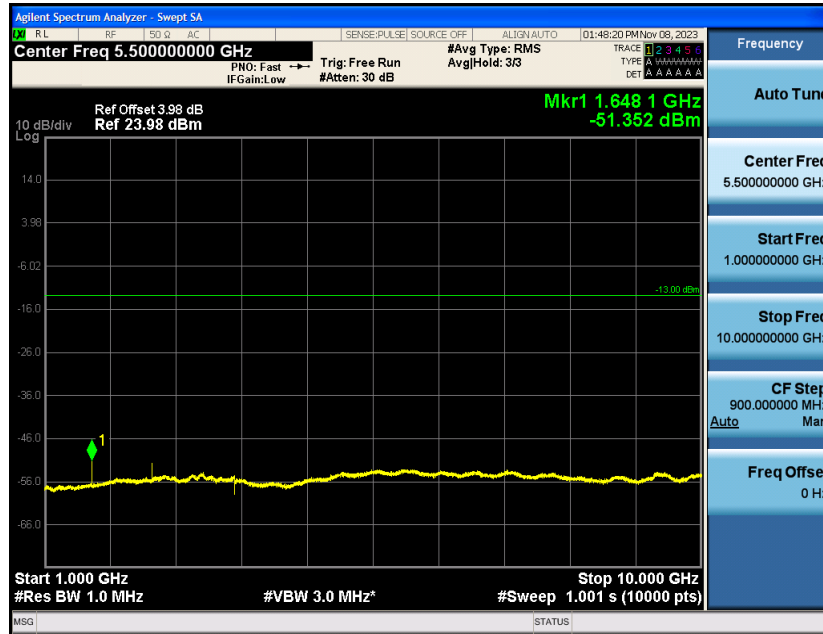
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



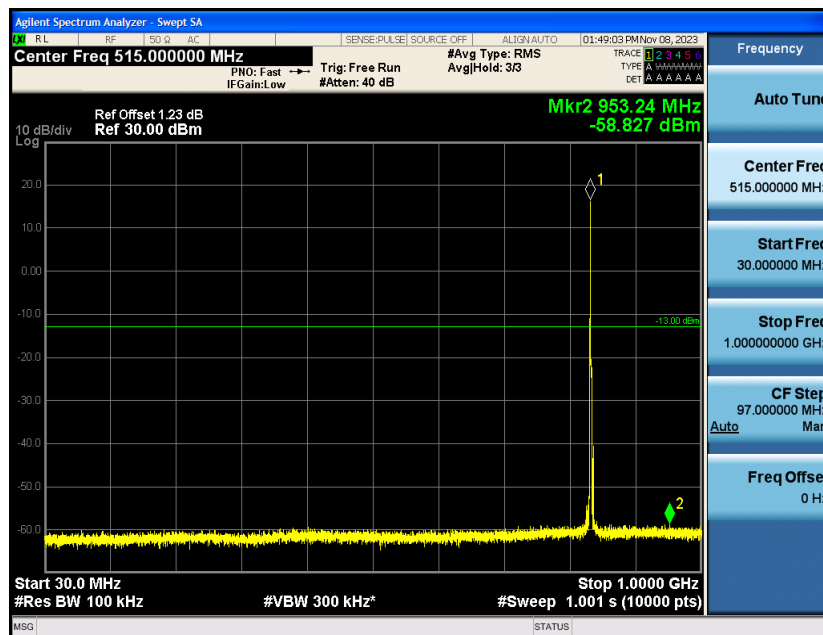
Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



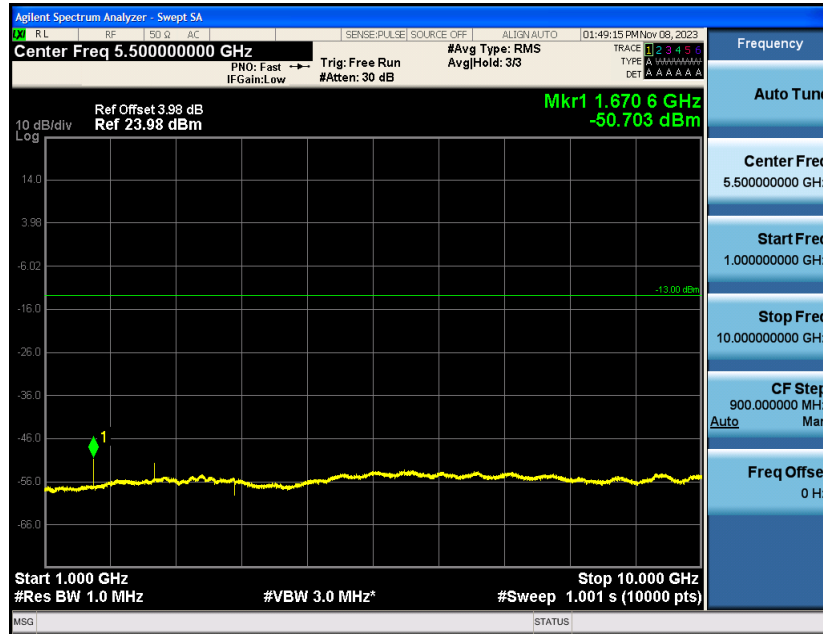
Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



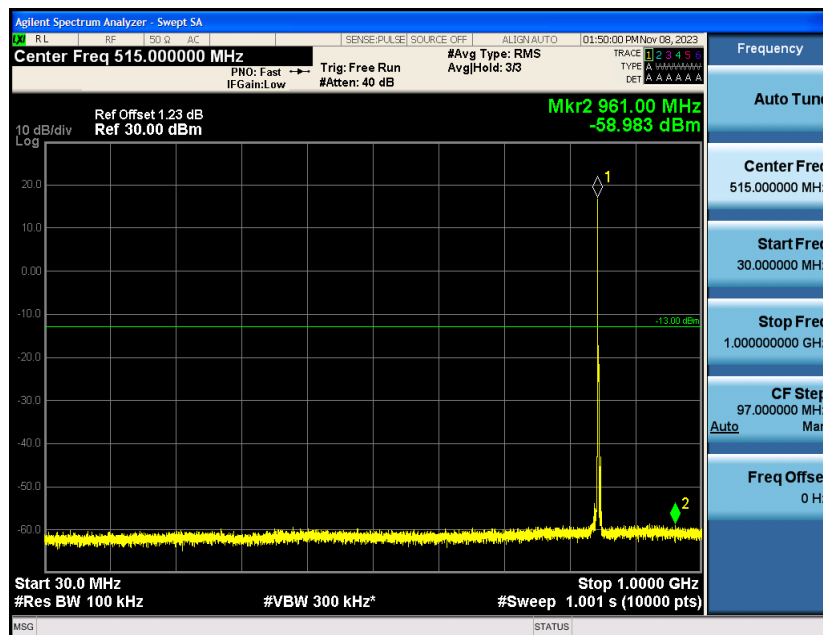
Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



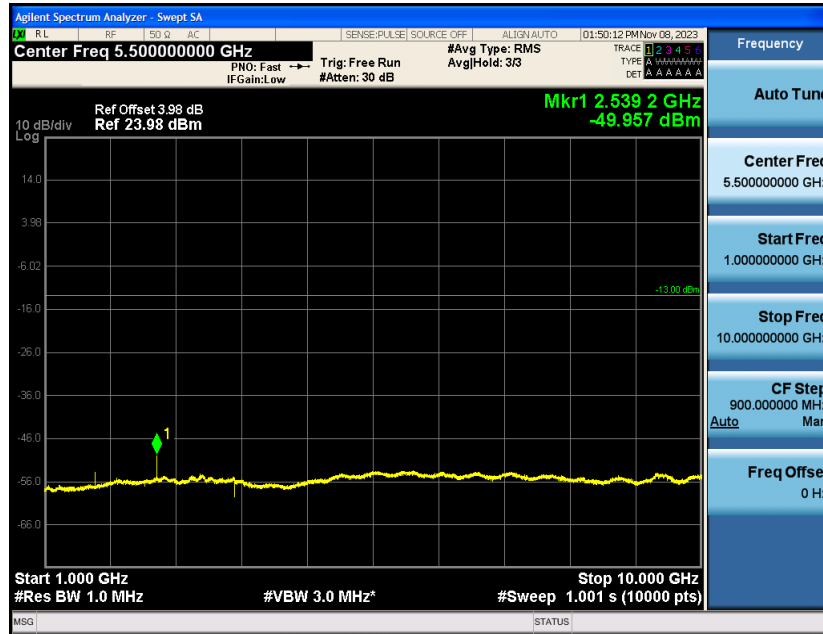
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



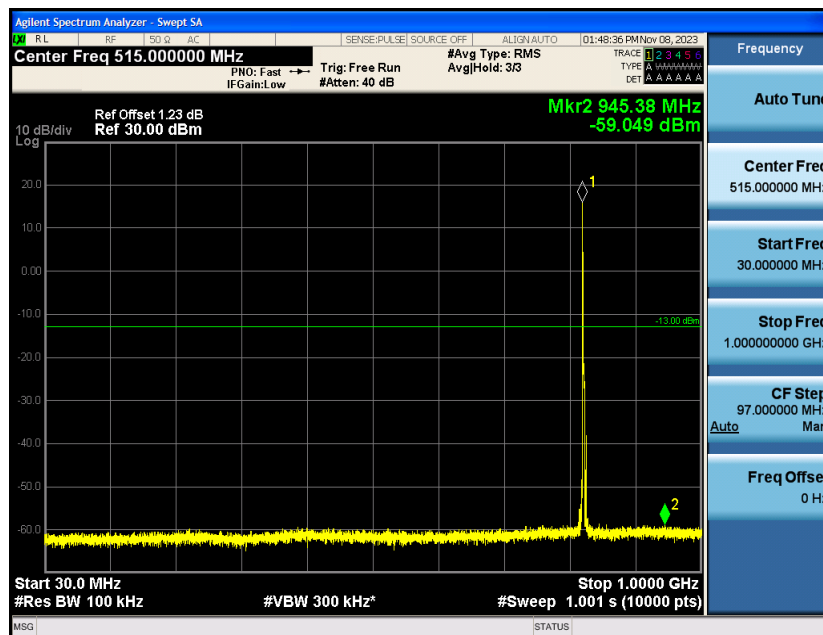
Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



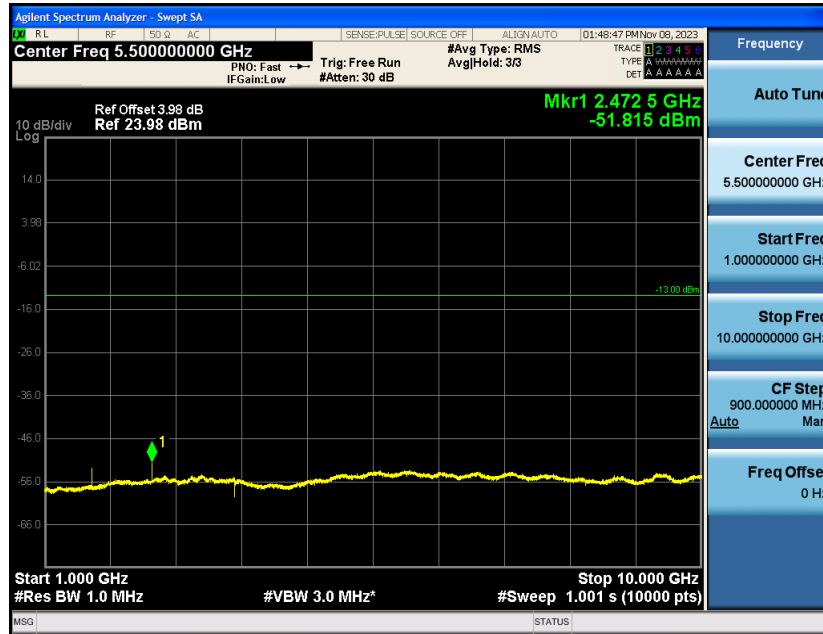
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



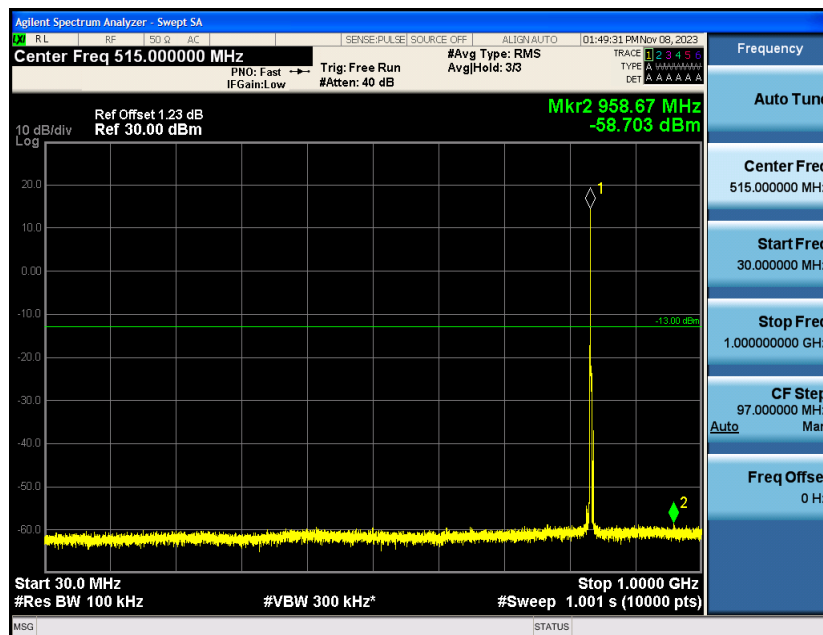
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



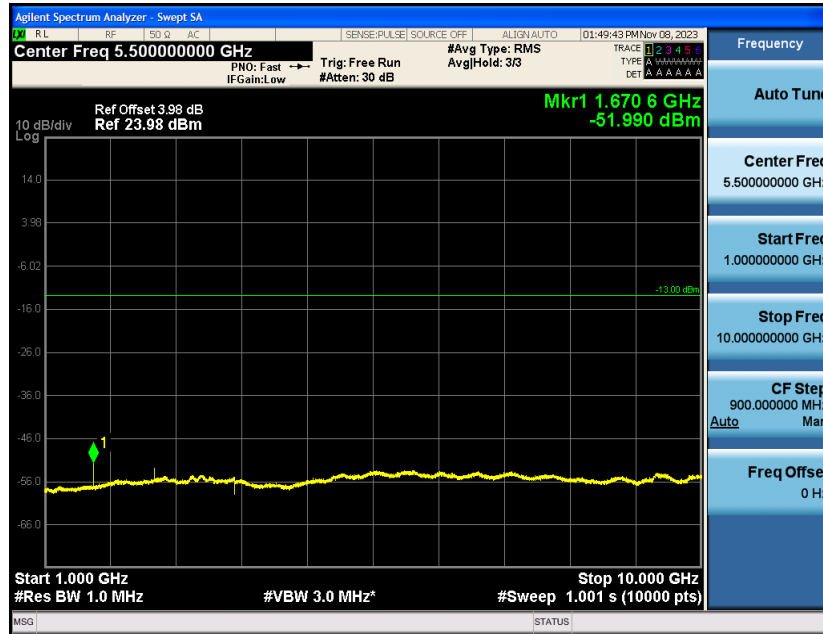
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



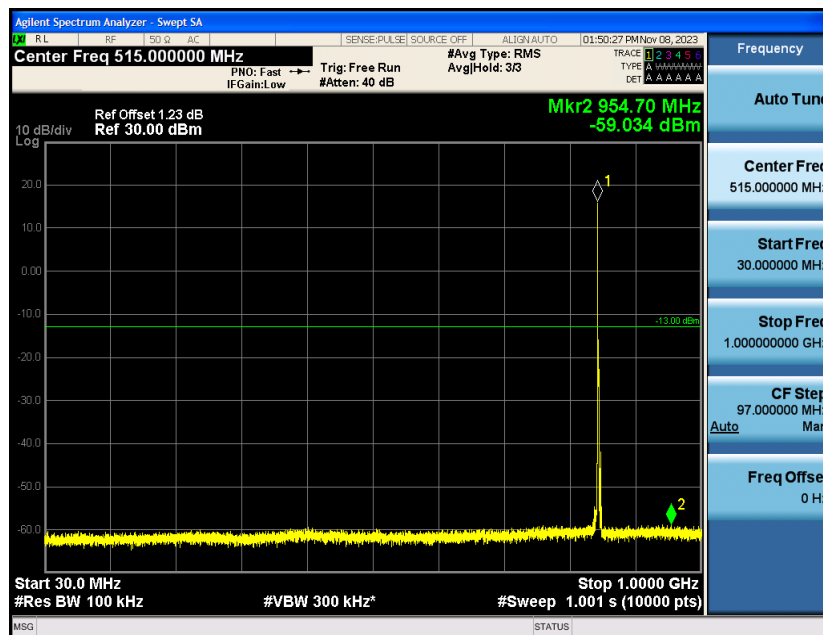
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



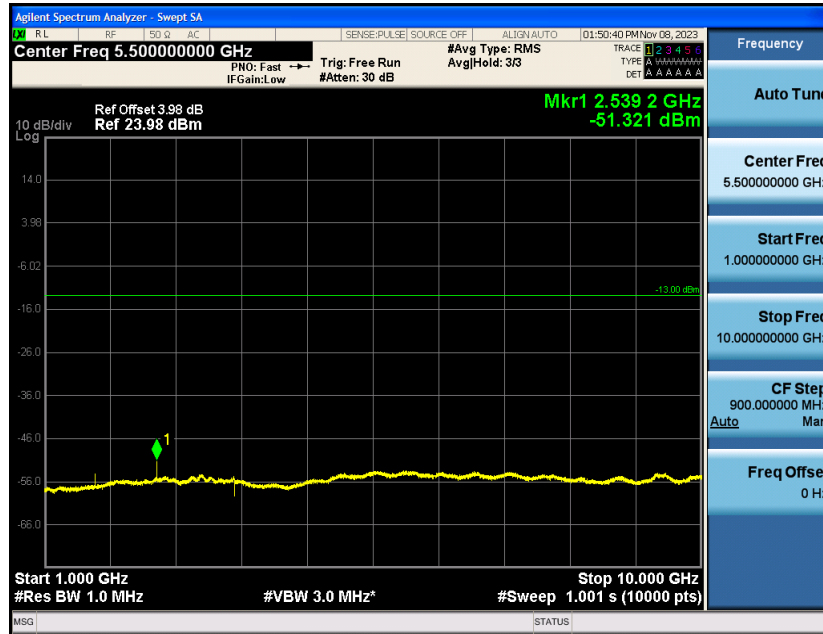
Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



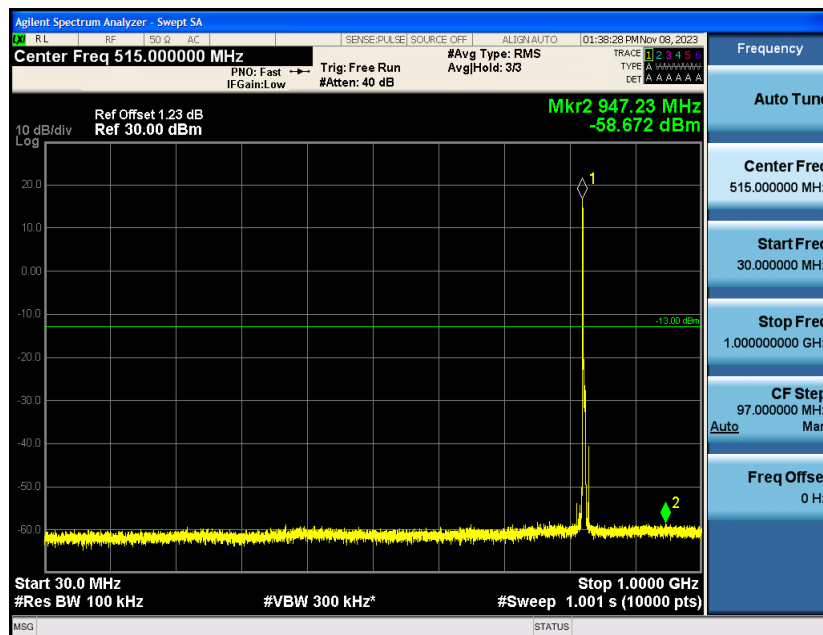
Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



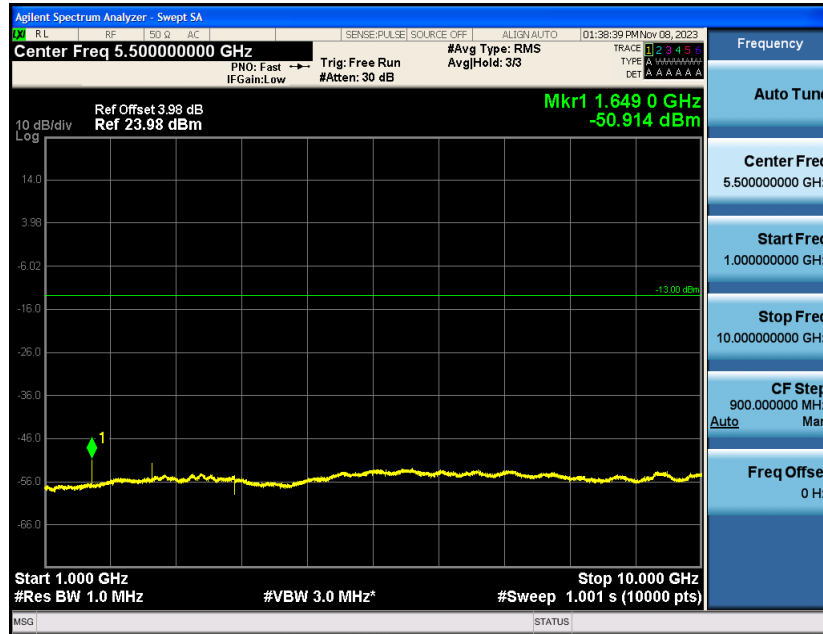
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



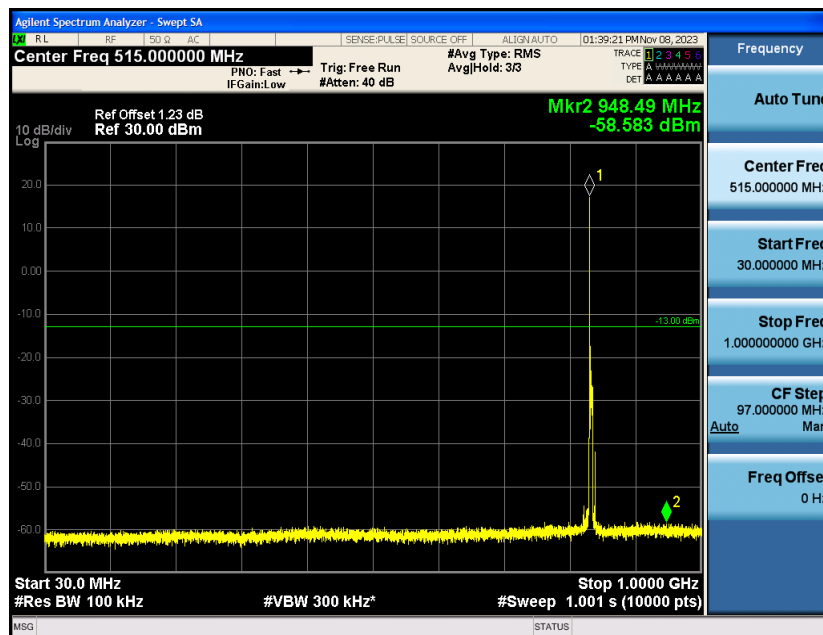
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



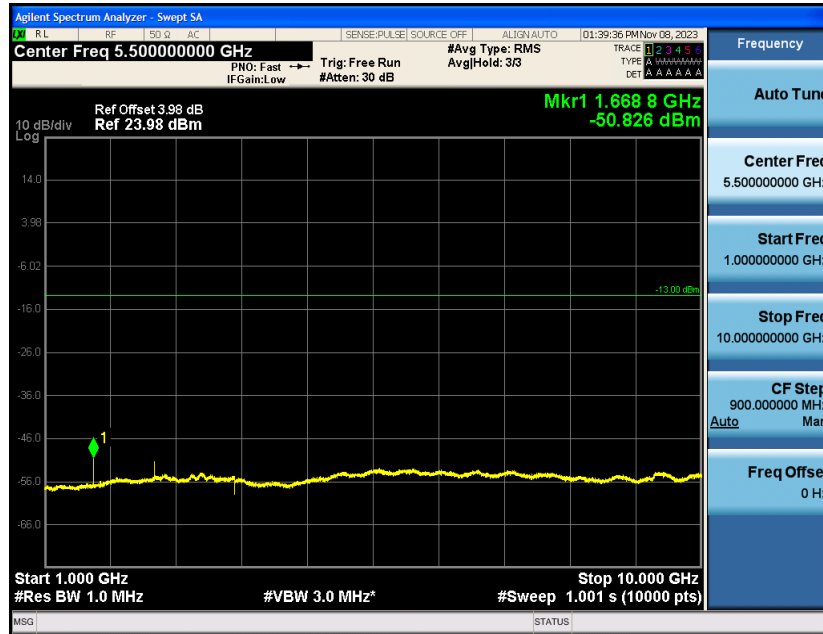
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



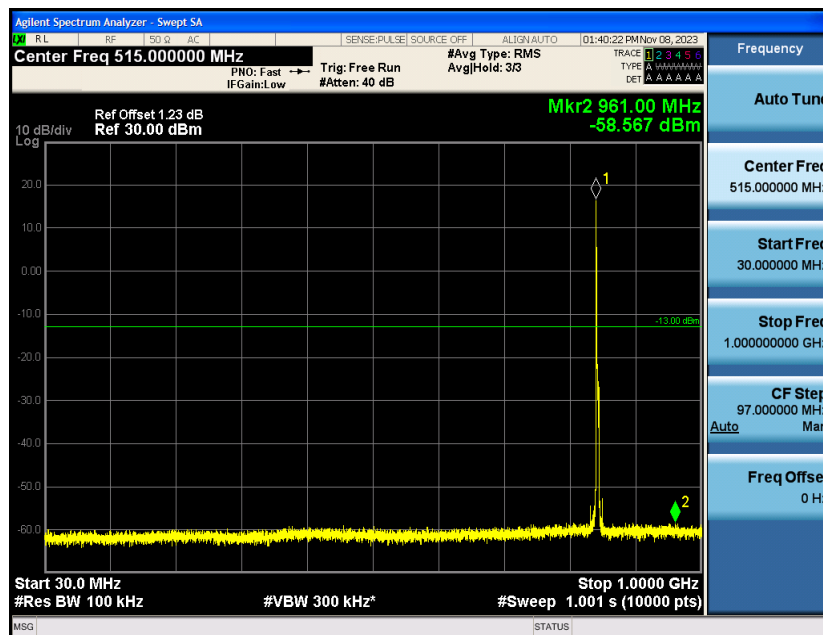
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



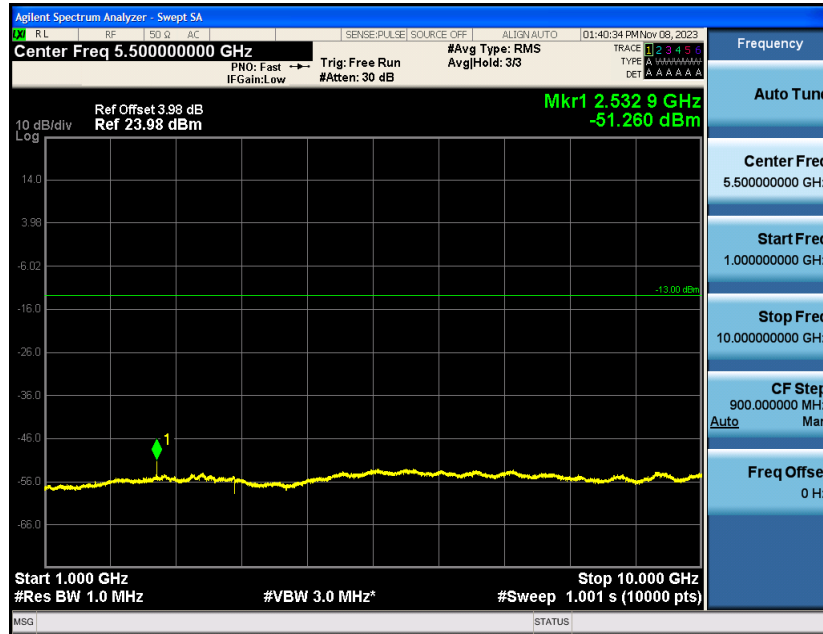
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



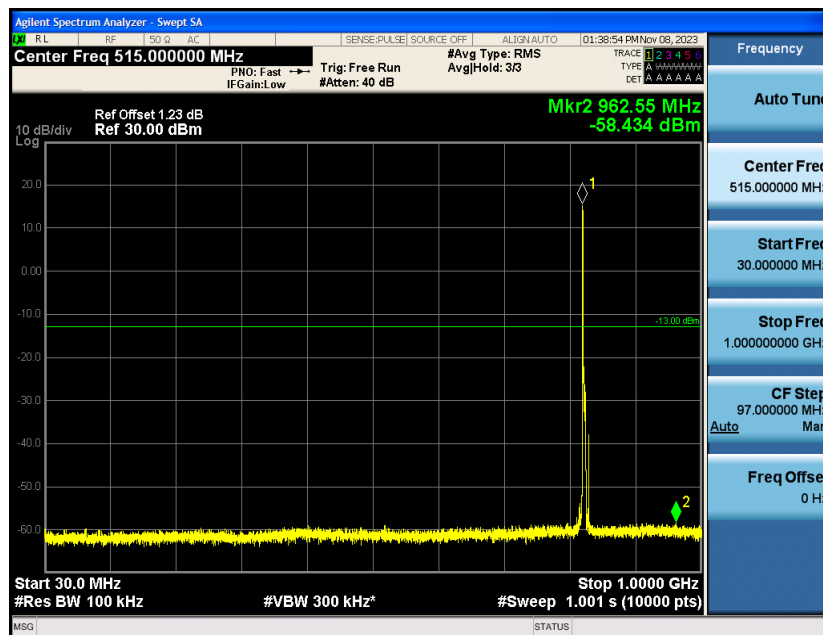
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



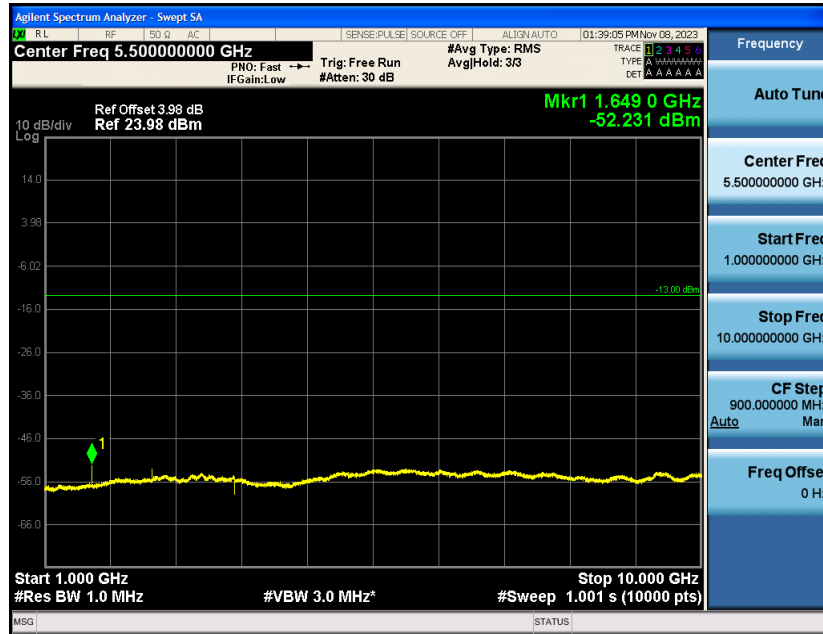
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



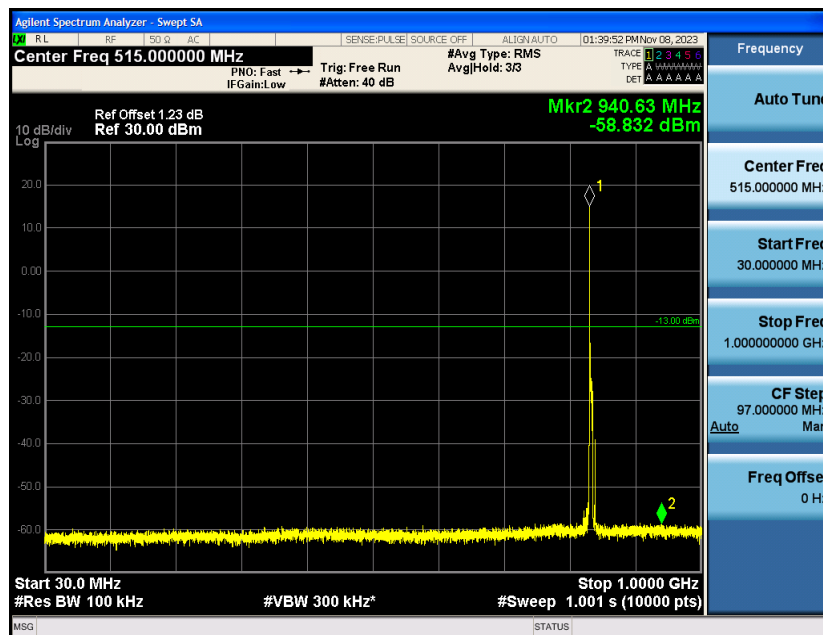
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



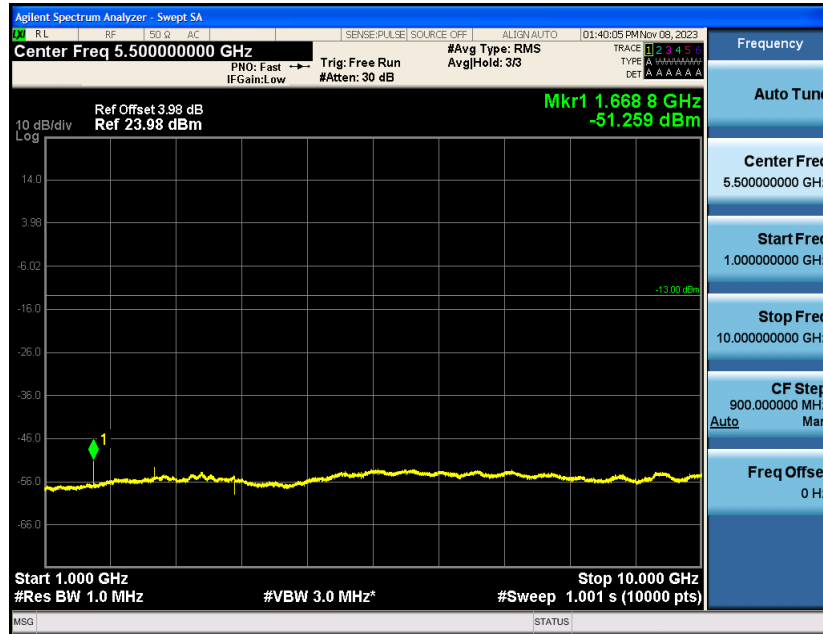
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



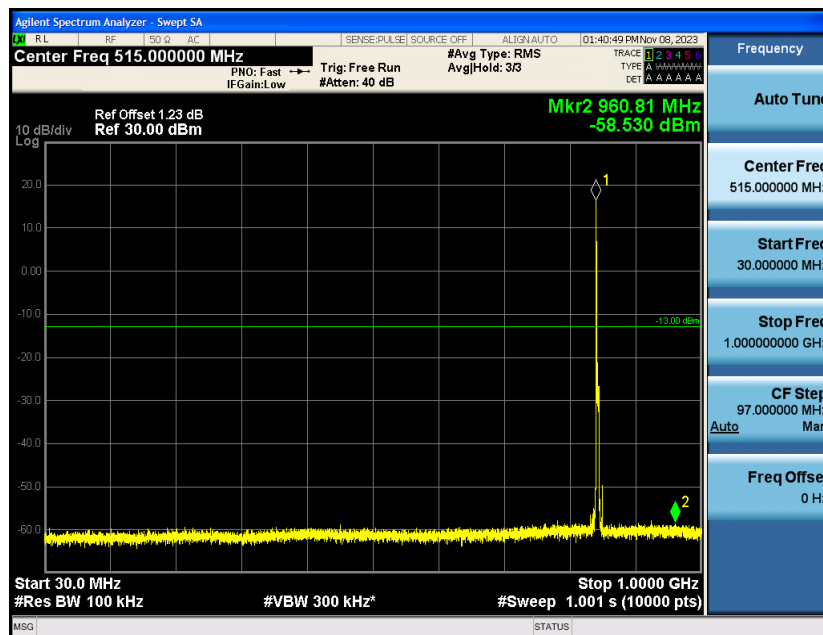
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



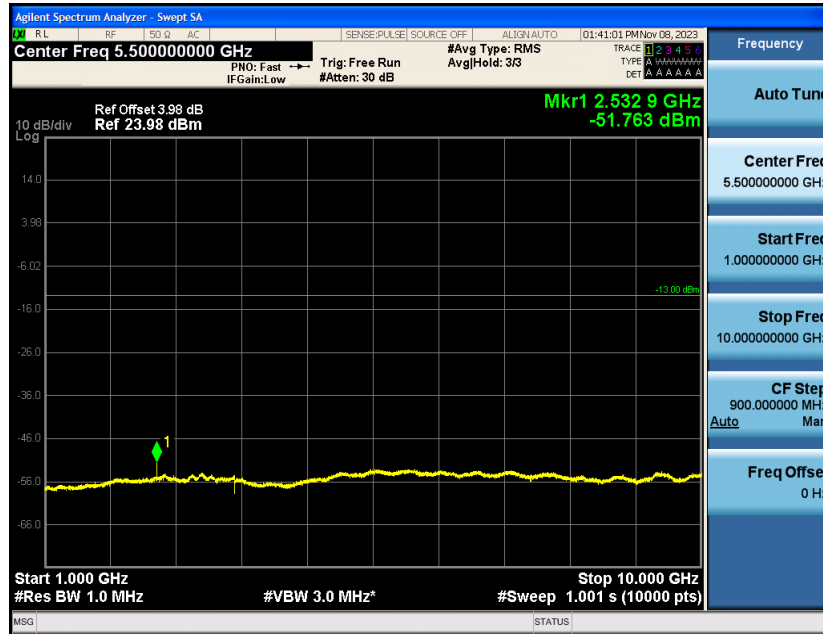
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



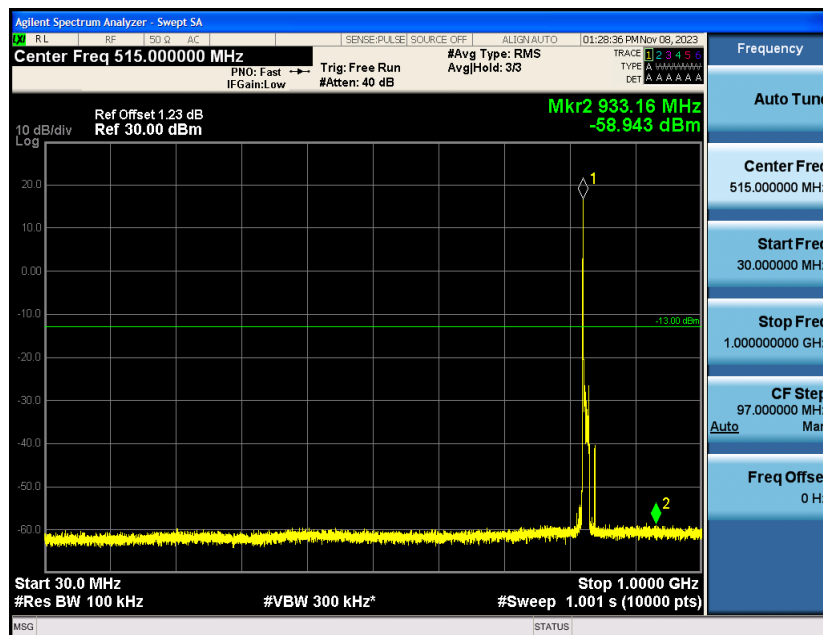
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



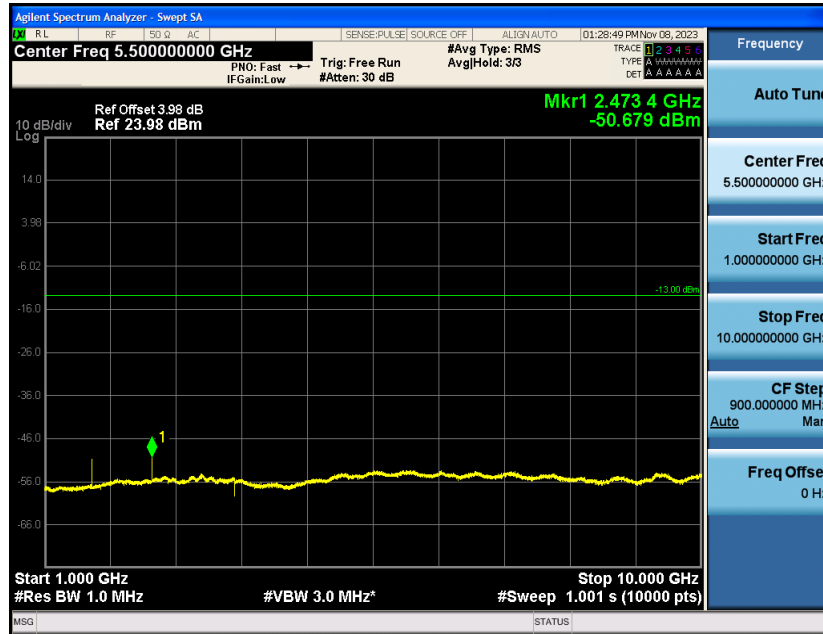
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



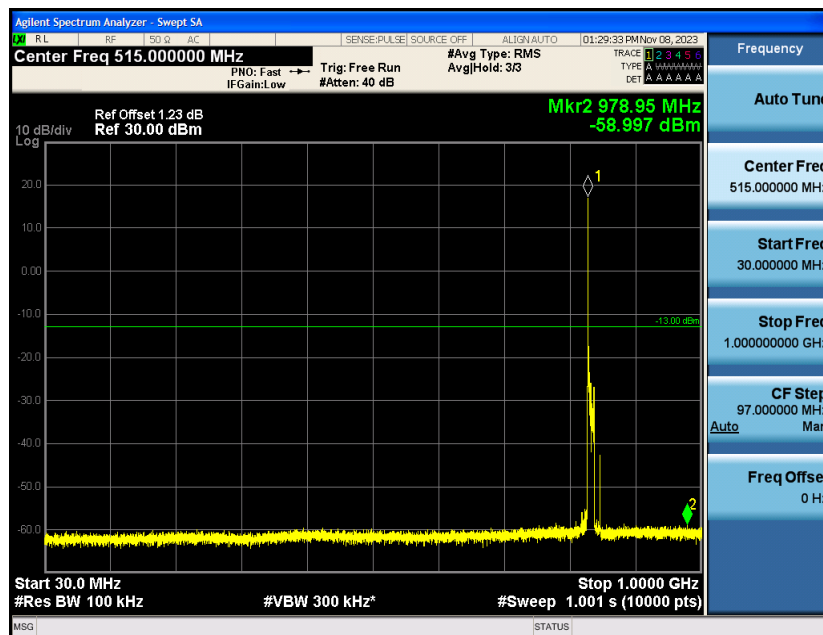
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



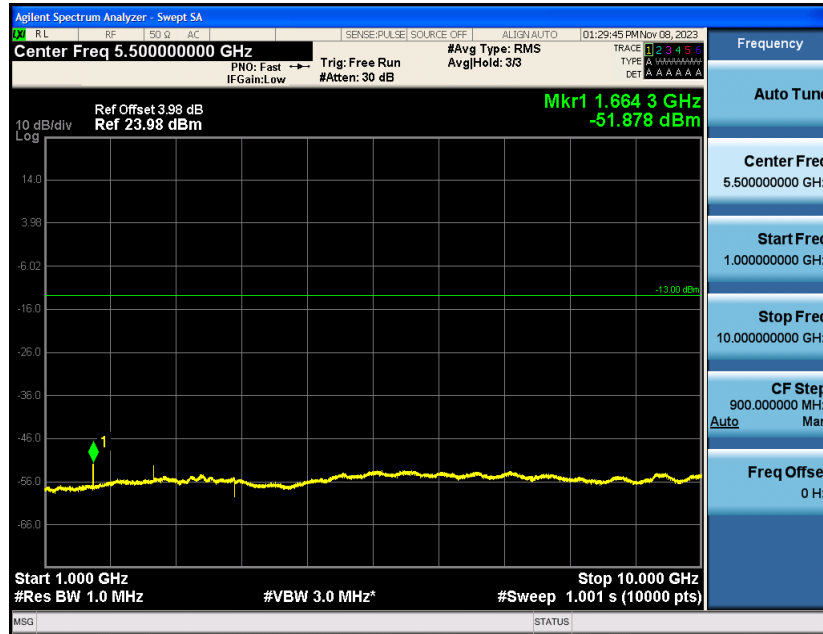
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



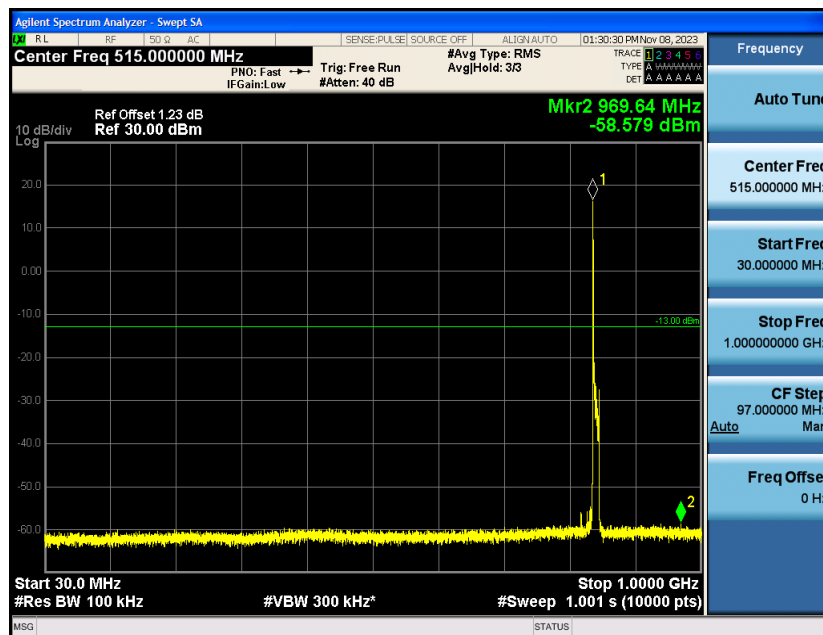
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



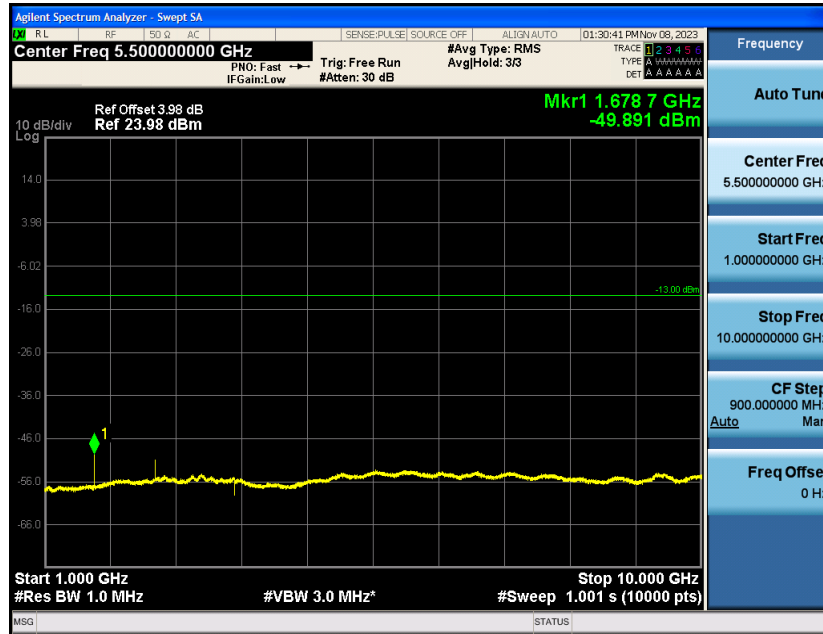
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



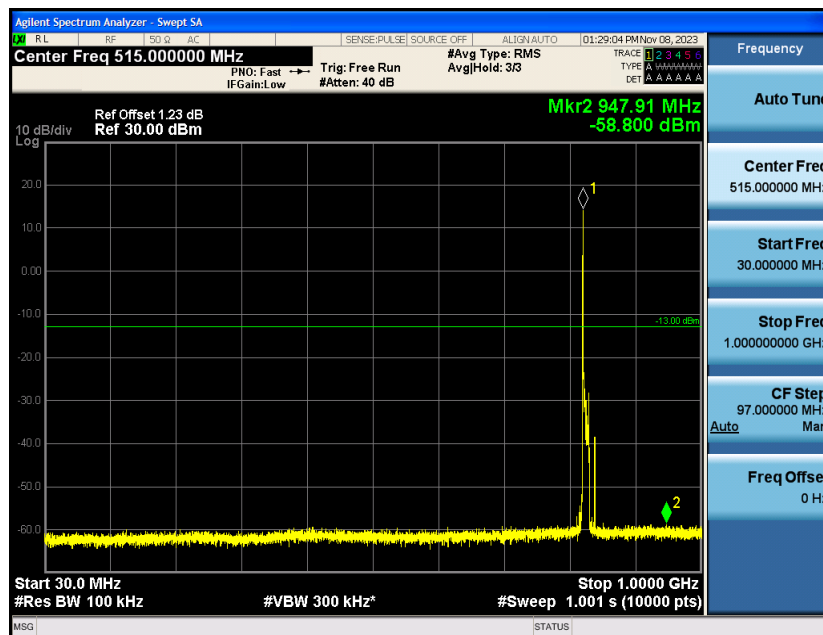
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



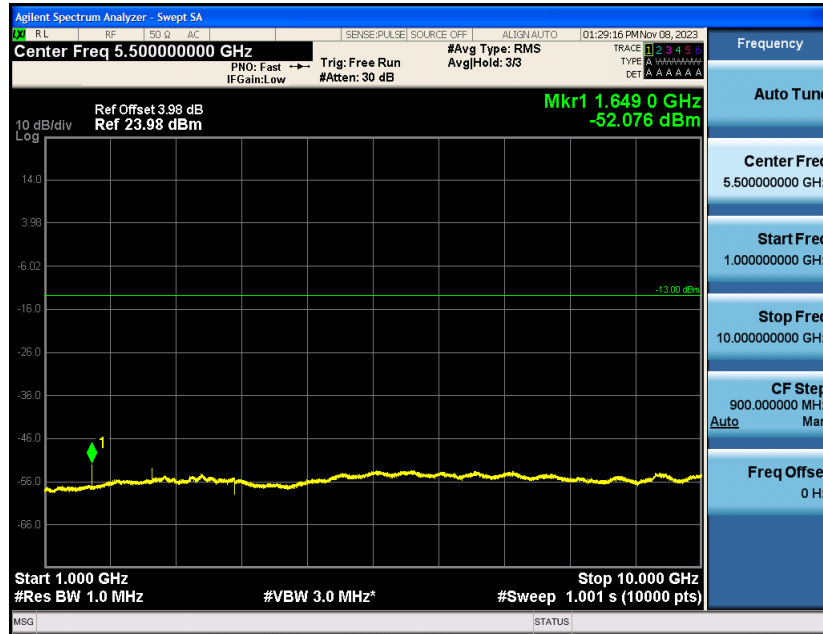
Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



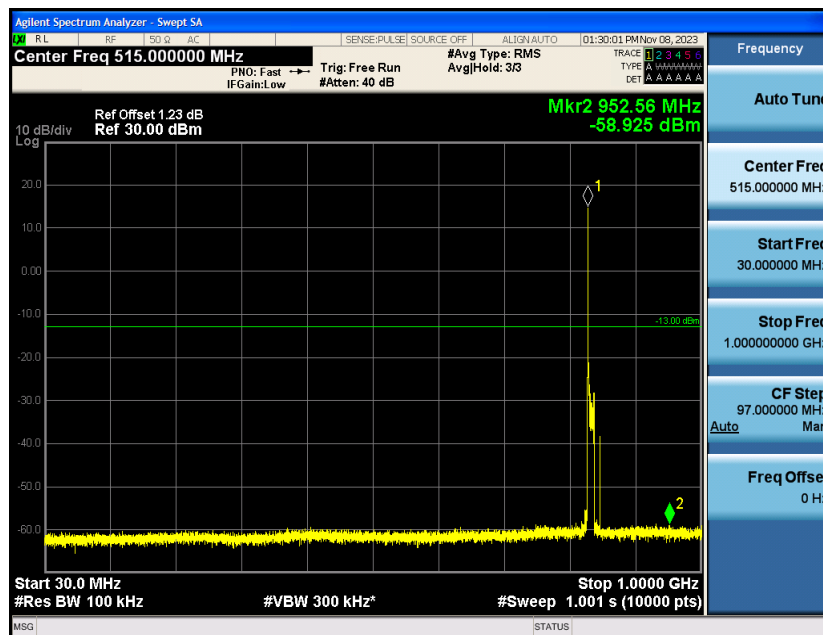
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



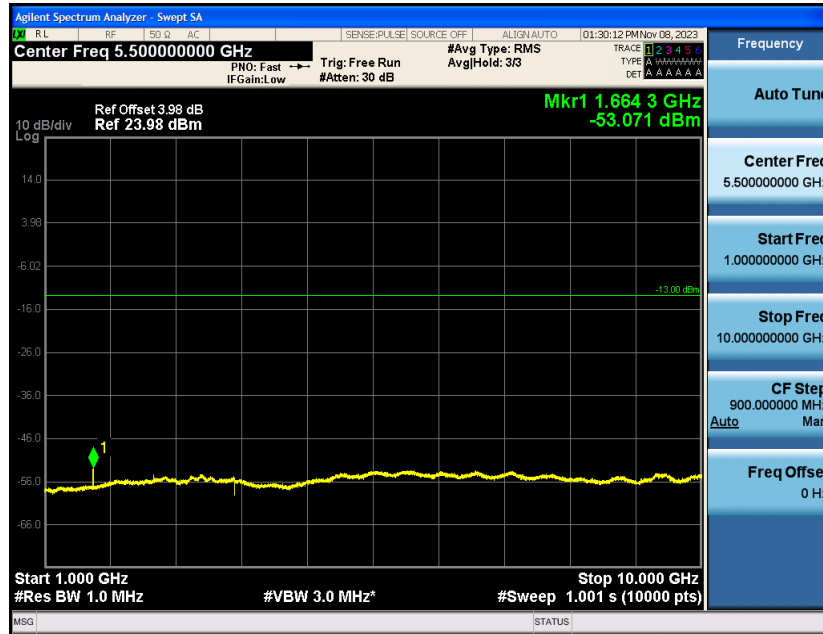
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



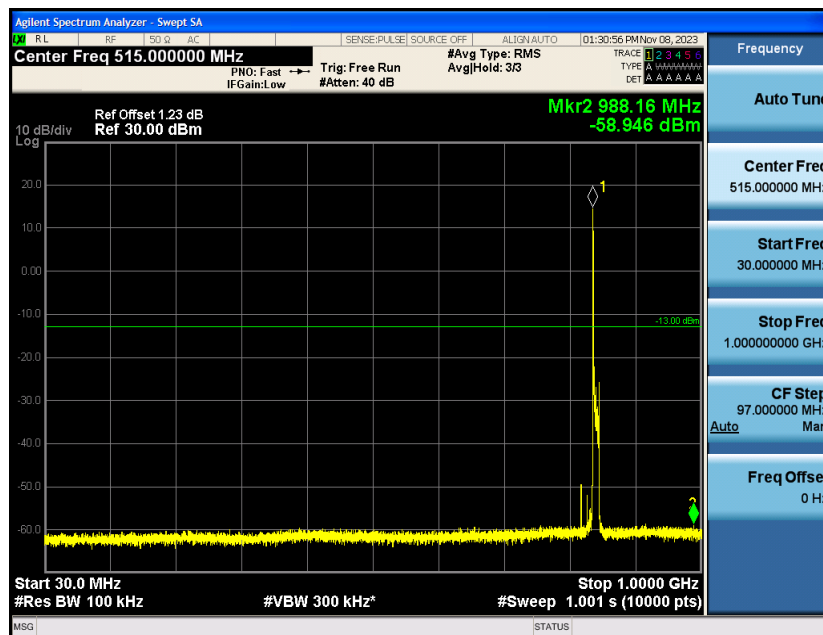
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



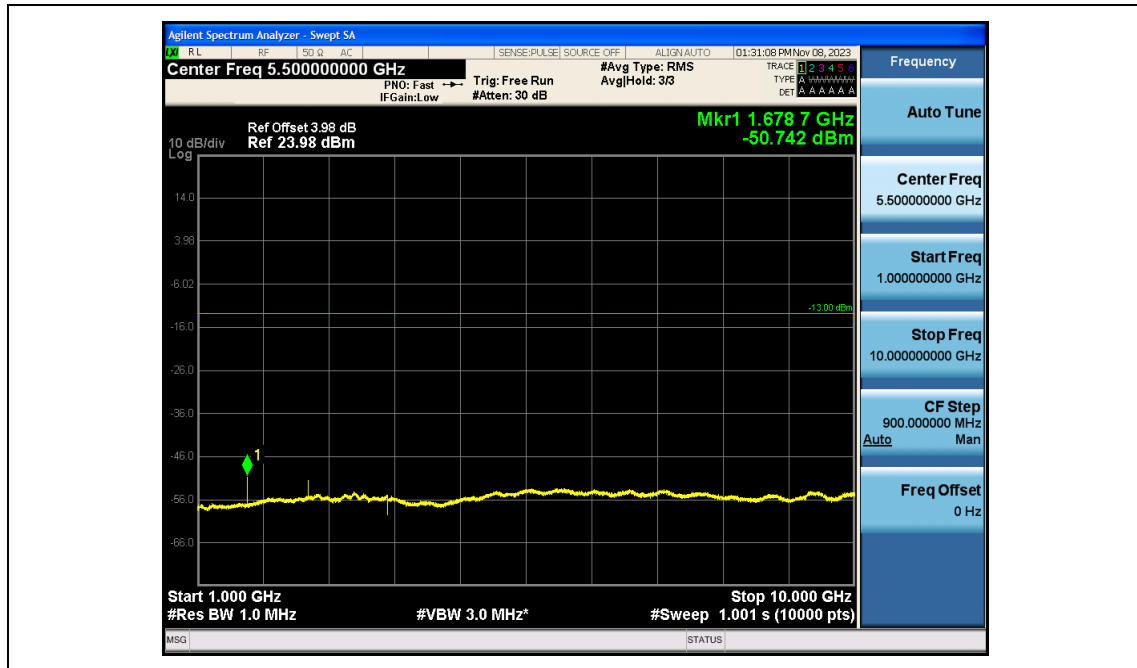
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-15.29	-0.018544	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-16.50	-0.020004	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-20.43	-0.024768	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-5.87	-0.007016	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	6.36	0.007605	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-11.34	-0.013560	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-19.18	-0.022612	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-12.23	-0.014413	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-30.15	-0.035543	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-16.95	-0.020549	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-15.92	-0.019306	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-13.98	-0.016957	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-5.31	-0.006347	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-9.79	-0.011700	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	5.23	0.006249	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-1.86	-0.002191	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-0.03	-0.000038	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-1.32	-0.001552	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-20.75	-0.025142	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-14.30	-0.017321	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-44.70	-0.054149	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-18.58	-0.022217	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-9.18	-0.010977	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-17.10	-0.020446	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-18.33	-0.021627	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-14.85	-0.017527	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-23.51	-0.027741	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-35.15	-0.042575	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-28.88	-0.034984	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-34.61	-0.041927	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-17.16	-0.020513	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-15.27	-0.018258	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-11.32	-0.013538	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-26.26	-0.030989	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-38.24	-0.045124	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-32.82	-0.038723	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-25.79	-0.031204	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-12.91	-0.015623	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-25.00	-0.030249	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-7.73	-0.009241	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-2.10	-0.002511	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-15.96	-0.019083	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-8.41	-0.009932	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-5.55	-0.006559	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-19.57	-0.023118	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-39.09	-0.047295	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-46.69	-0.056496	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-29.86	-0.036132	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-30.85	-0.036885	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-40.35	-0.048235	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-22.80	-0.027253	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-2.08	-0.002454	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-12.02	-0.014201	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	5.65	0.006672	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-13.36	-0.016113	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-26.19	-0.031598	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-45.97	-0.055457	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-16.69	-0.019947	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	4.93	0.005890	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-30.15	-0.036044	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-12.59	-0.014917	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-3.15	-0.003732	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-23.11	-0.027379	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-8.35	-0.010075	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-39.24	-0.047328	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-21.16	-0.025525	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-37.03	-0.044268	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-37.30	-0.044587	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-41.45	-0.049554	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-47.61	-0.056406	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-48.34	-0.057272	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-40.38	-0.047843	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-24.94	-0.030243	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-35.62	-0.043194	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-45.40	-0.055046	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-42.61	-0.051669	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-10.00	-0.012130	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-19.45	-0.023251	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-30.51	-0.036476	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-37.22	-0.044497	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-44.96	-0.053746	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-5.63	-0.006735	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-37.65	-0.044386	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-51.33	-0.060508	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-13.28	-0.015658	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-34.33	-0.040470	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-45.43	-0.053551	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-16.11	-0.019538	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-16.04	-0.019448	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-13.85	-0.016791	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-19.93	-0.024160	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-14.65	-0.017760	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	1.42	0.001693	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	9.42	0.011258	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	12.70	0.015178	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	17.34	0.020723	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	13.13	0.015697	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-0.11	-0.000129	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	2.45	0.002891	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	2.79	0.003287	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-15.34	-0.018081	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-18.31	-0.021579	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-12.27	-0.014870	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-23.00	-0.027863	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-40.91	-0.049557	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-49.01	-0.059367	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-11.09	-0.013430	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-35.41	-0.042333	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-44.73	-0.053474	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	0	-42.21	-0.050458	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-52.39	-0.062631	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-15.63	-0.018683	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-49.77	-0.058731	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-10.81	-0.012750	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-15.47	-0.018253	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-24.50	-0.028903	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-21.83	-0.025759	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-42.91	-0.051984	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-49.52	-0.059983	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-27.54	-0.033358	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-20.79	-0.025182	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-19.10	-0.023134	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-13.96	-0.016692	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-11.72	-0.014012	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-17.78	-0.021249	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-21.30	-0.025458	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-9.01	-0.010774	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-36.24	-0.042763	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-33.64	-0.039689	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-34.21	-0.040368	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-41.91	-0.049454	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-39.45	-0.046554	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-47.35	-0.057284	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-49.62	-0.060034	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-12.85	-0.015549	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-37.40	-0.045255	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-42.23	-0.051093	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-27.87	-0.033322	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-23.41	-0.027984	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-31.60	-0.037781	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-31.90	-0.038131	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-37.76	-0.045137	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-19.75	-0.023326	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-26.24	-0.030999	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-35.95	-0.042464	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-45.63	-0.053908	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-61.45	-0.072594	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-27.65	-0.033455	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-37.13	-0.044925	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-34.72	-0.042005	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-29.61	-0.035829	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	20	-24.39	-0.029507	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-17.40	-0.020796	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-8.84	-0.010573	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	10.97	0.013108	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	9.99	0.011937	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	18.49	0.022109	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	7.26	0.008571	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	14.74	0.017409	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	19.64	0.023206	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	28.76	0.033980	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	33.89	0.040037	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-35.90	-0.043311	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-0.86	-0.001037	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-22.17	-0.026744	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-41.32	-0.049846	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-28.05	-0.033834	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-36.88	-0.044083	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-50.72	-0.060635	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-12.70	-0.015180	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-14.64	-0.017507	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-29.67	-0.035474	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-33.20	-0.039335	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-55.58	-0.065850	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-12.05	-0.014282	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-21.89	-0.025936	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-39.21	-0.046456	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-37.00	-0.044638	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-46.36	-0.055926	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	1.75	0.002109	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-14.52	-0.017514	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-13.93	-0.016807	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-42.74	-0.051093	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	5.10	0.006096	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	4.03	0.004823	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	8.88	0.010618	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	1.69	0.002018	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-51.03	-0.060463	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-19.86	-0.023530	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-16.91	-0.020030	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-16.39	-0.019414	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-11.36	-0.013459	±2.5	PASS

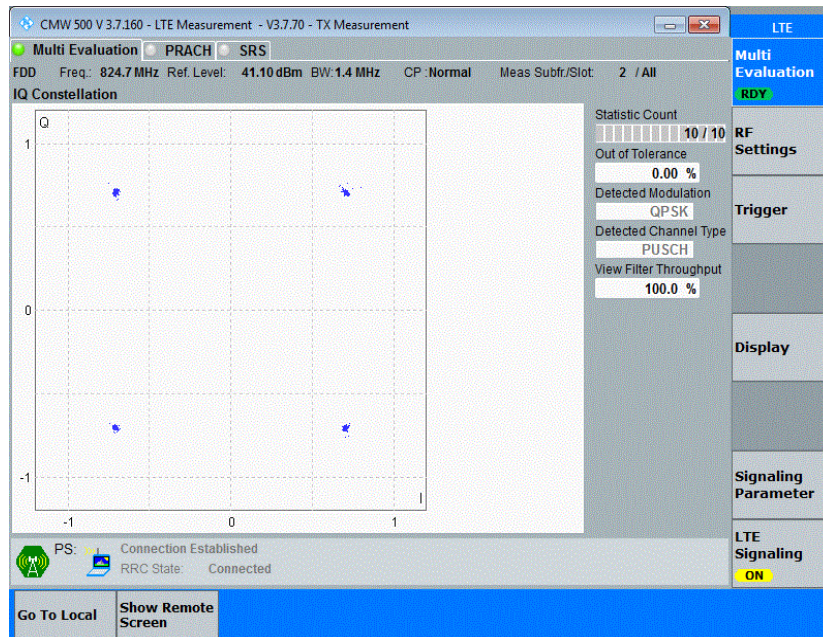
Appendix G: Modulation Characteristics

Test Result

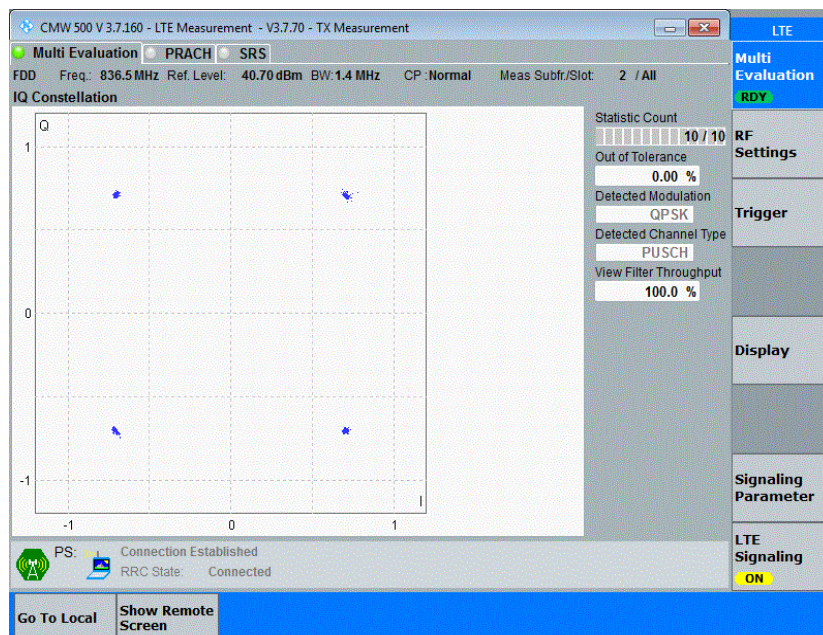
Band	Channel	Result	Verdict
Band5	20407	PASS	PASS
Band5	20525	PASS	PASS
Band5	20643	PASS	PASS
Band5	20407	PASS	PASS
Band5	20525	PASS	PASS
Band5	20643	PASS	PASS
Band5	20415	PASS	PASS
Band5	20525	PASS	PASS
Band5	20635	PASS	PASS
Band5	20415	PASS	PASS
Band5	20525	PASS	PASS
Band5	20635	PASS	PASS
Band5	20425	PASS	PASS
Band5	20525	PASS	PASS
Band5	20625	PASS	PASS
Band5	20425	PASS	PASS
Band5	20525	PASS	PASS
Band5	20625	PASS	PASS
Band5	20450	PASS	PASS
Band5	20525	PASS	PASS
Band5	20600	PASS	PASS
Band5	20450	PASS	PASS
Band5	20525	PASS	PASS
Band5	20600	PASS	PASS

Test Graphs

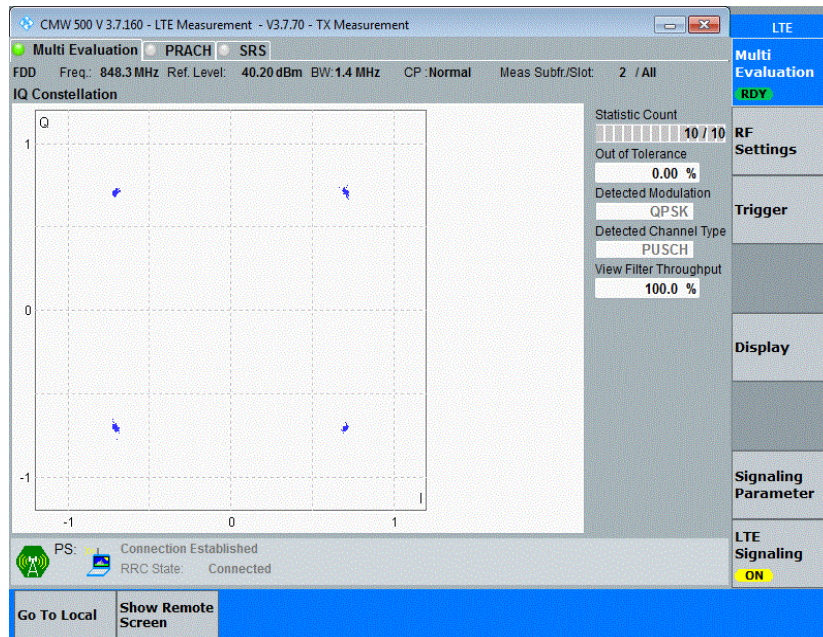
Band5-1.4MHz-QPSK-20407-6RB#0



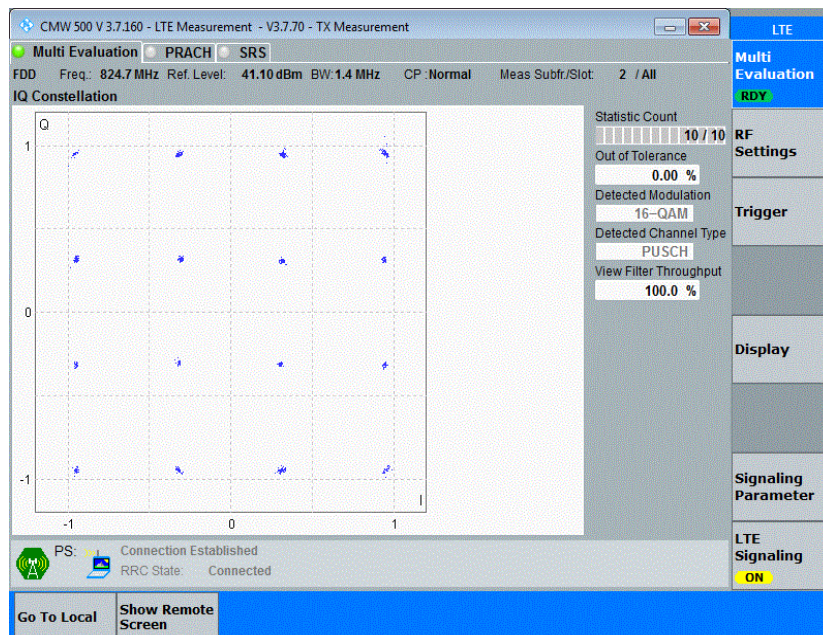
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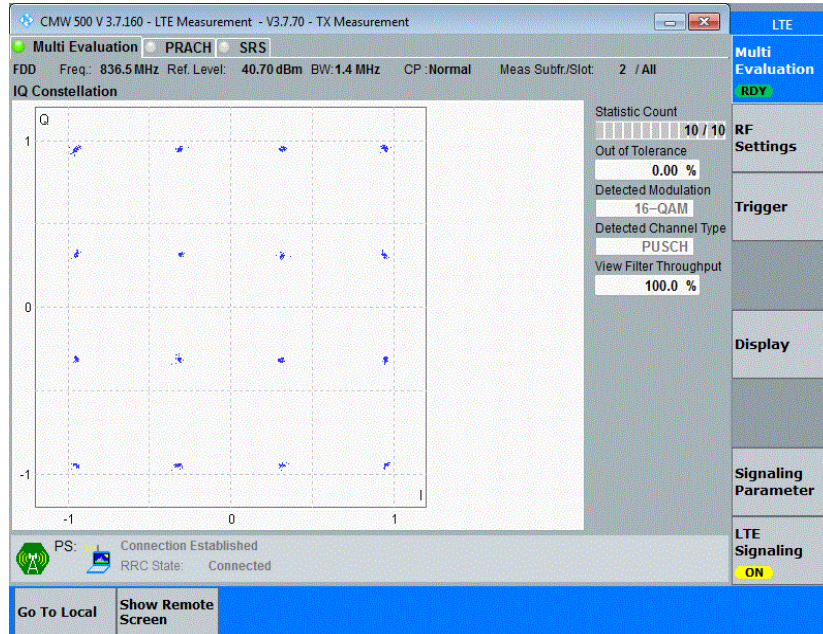
Band5-1.4MHz-QPSK-20643-6RB#0



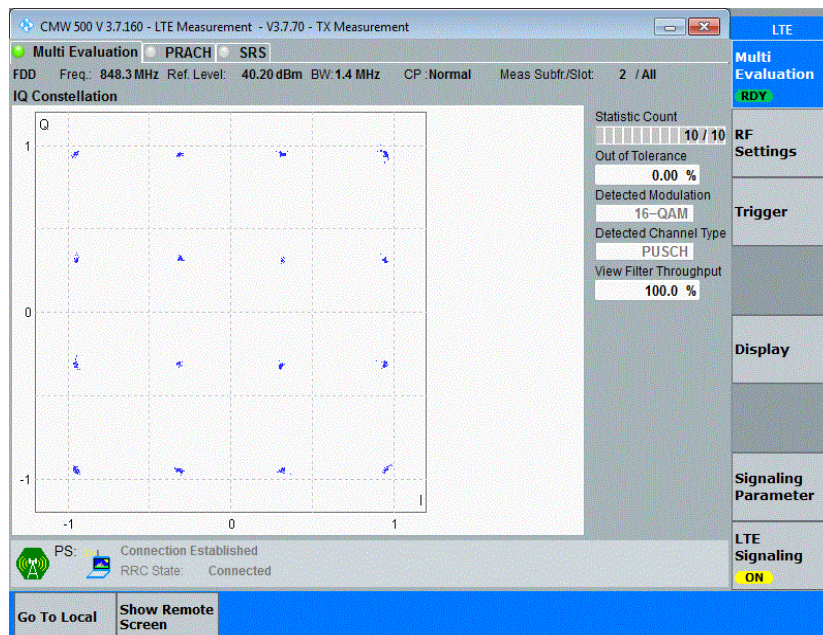
Band5-1.4MHz-16QAM-20407-6RB#0



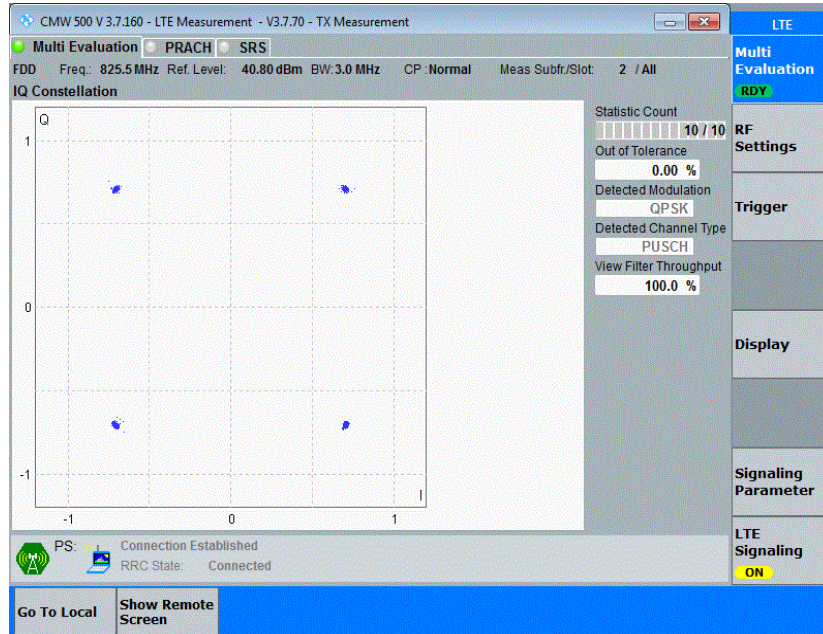
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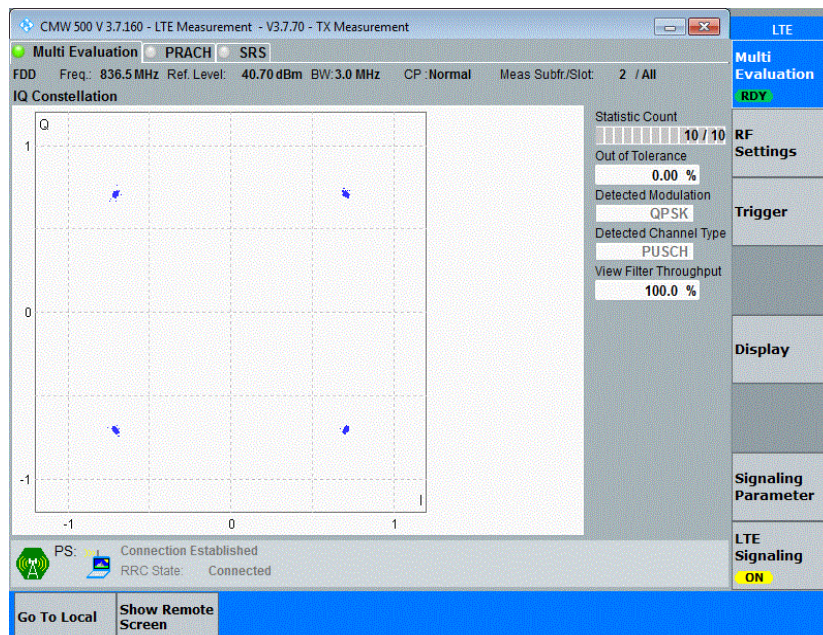
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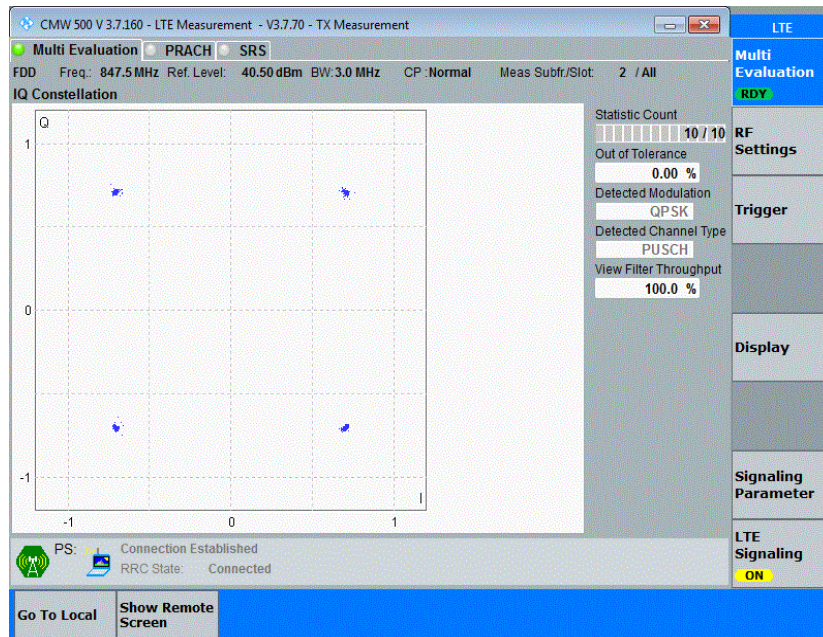
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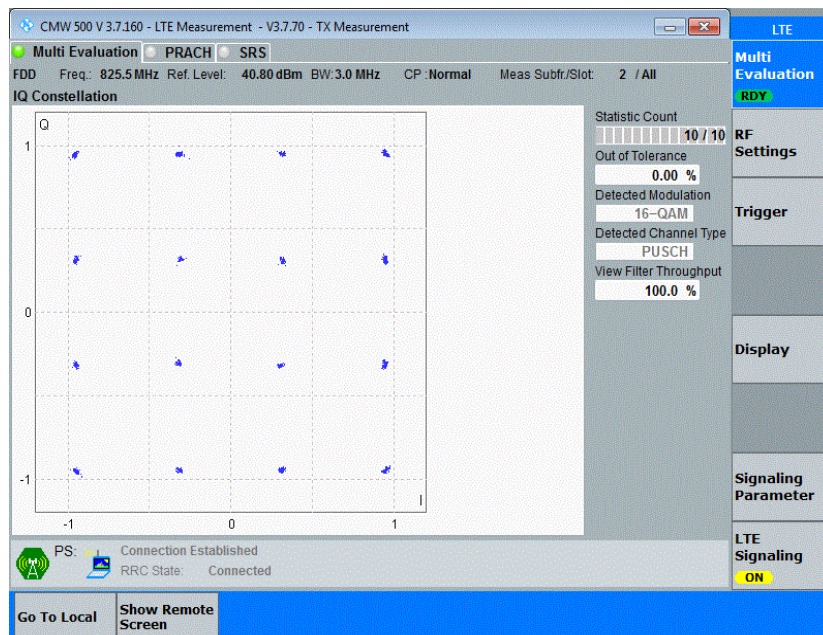
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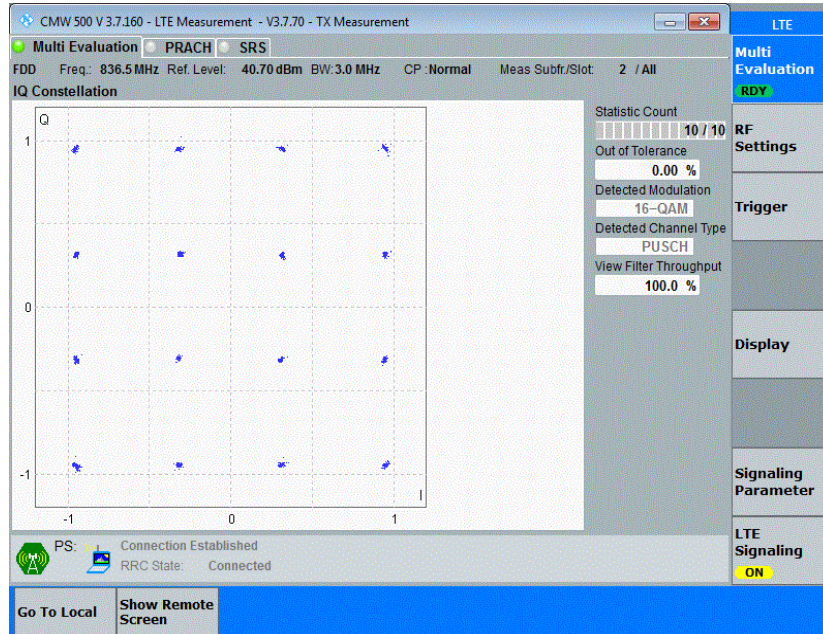
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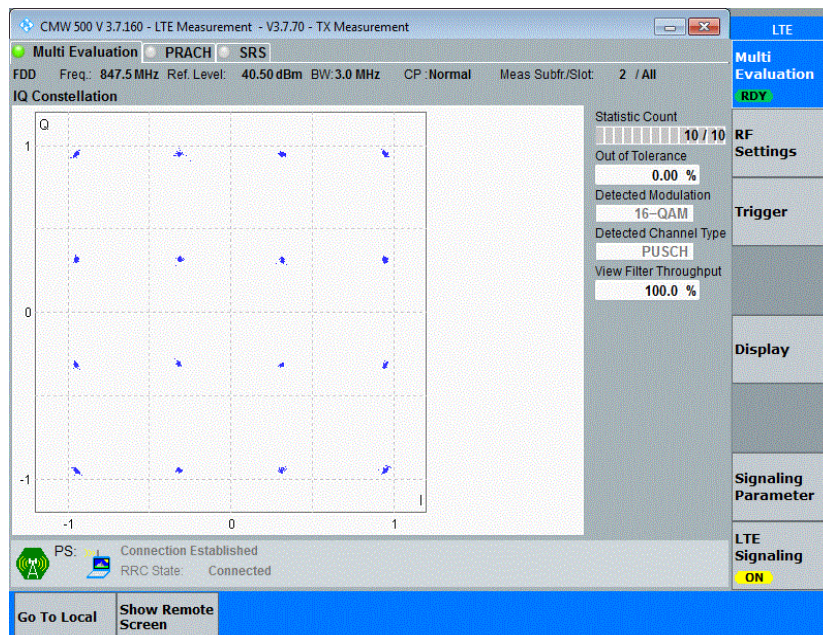
Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



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



Band5-5MHz-QPSK-20425-25RB#0