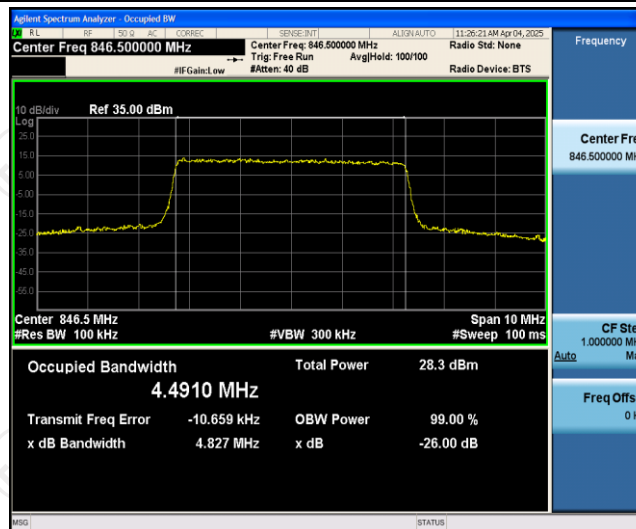
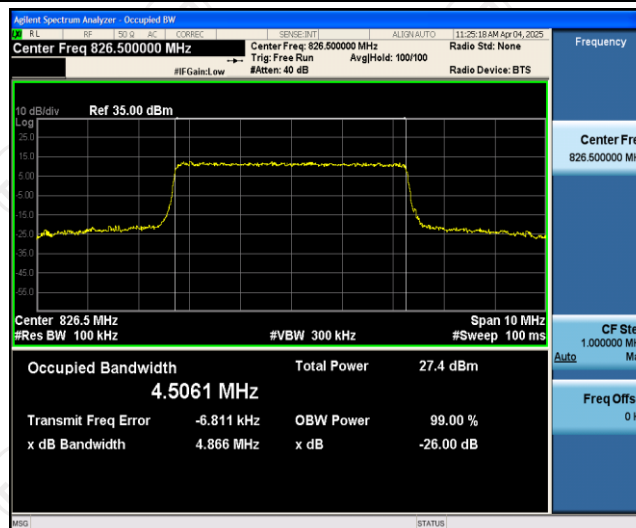
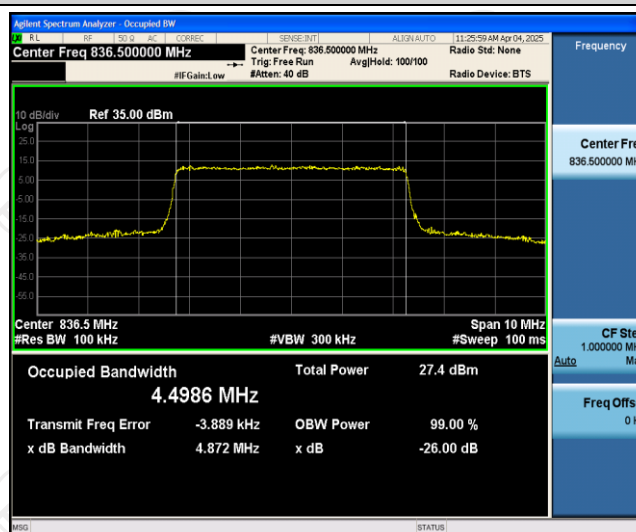




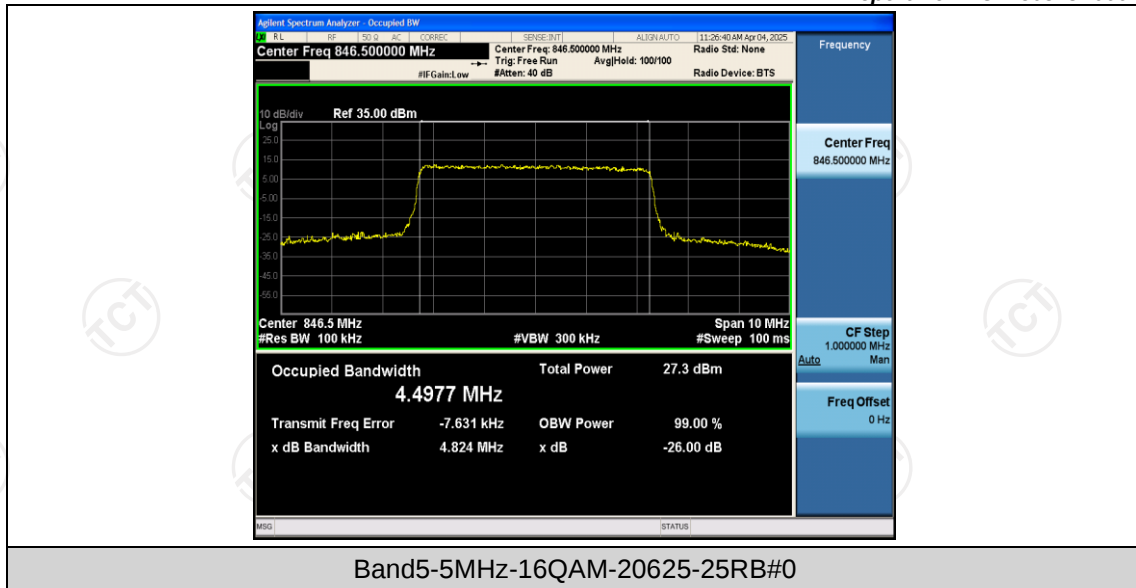
Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0

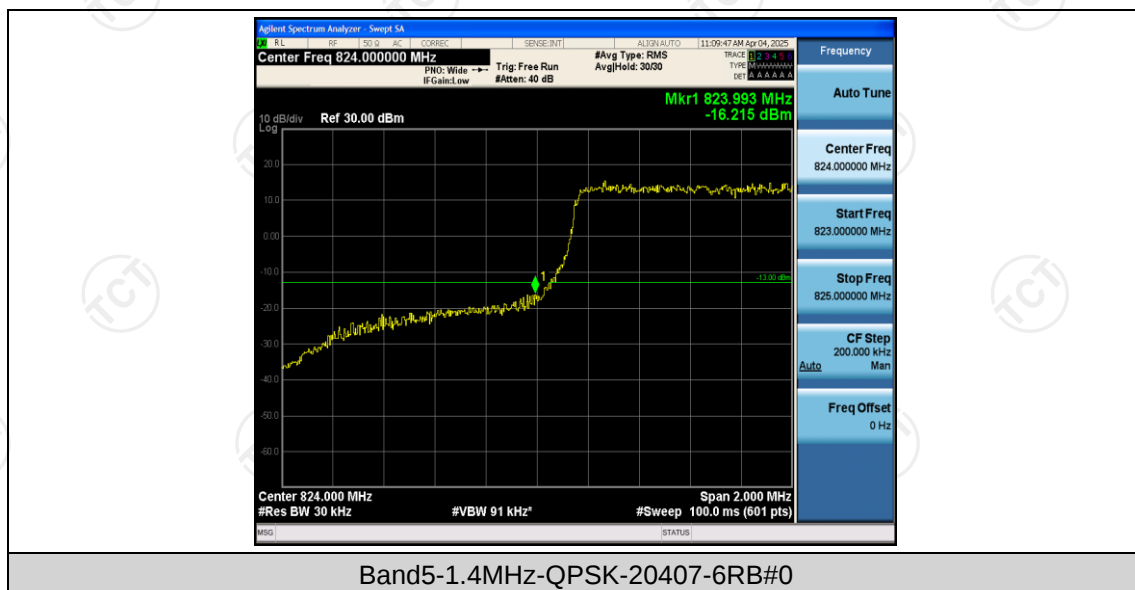


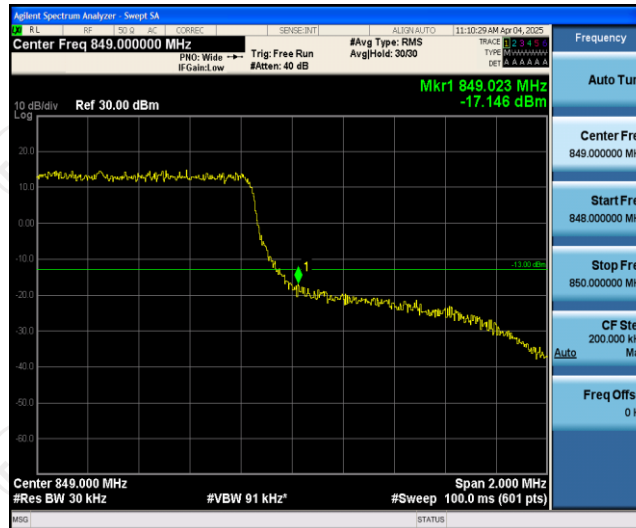
Appendix D: Band Edge

Test Result

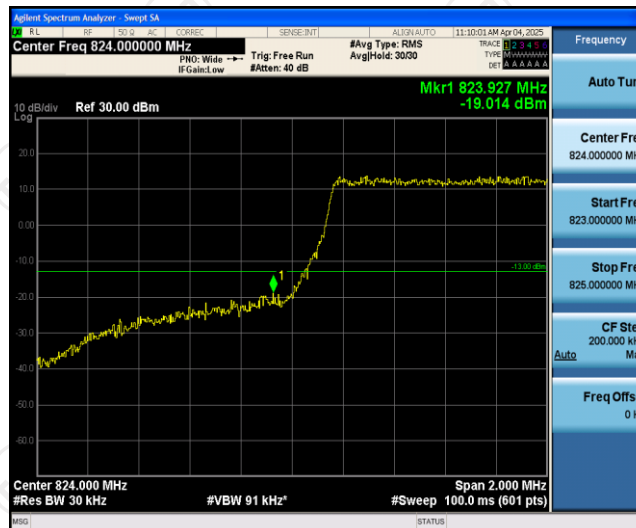
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-16.21	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-17.15	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-19.01	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-18.60	PASS
Band5	3MHz	QPSK	20415	15RB#0	-18.05	PASS
Band5	3MHz	QPSK	20635	15RB#0	-19.91	PASS
Band5	3MHz	16QAM	20415	15RB#0	-20.02	PASS
Band5	3MHz	16QAM	20635	15RB#0	-21.01	PASS
Band5	5MHz	QPSK	20425	25RB#0	-16.91	PASS
Band5	5MHz	QPSK	20625	25RB#0	-20.00	PASS
Band5	5MHz	16QAM	20425	25RB#0	-17.74	PASS
Band5	5MHz	16QAM	20625	25RB#0	-19.88	PASS

Test Graphs

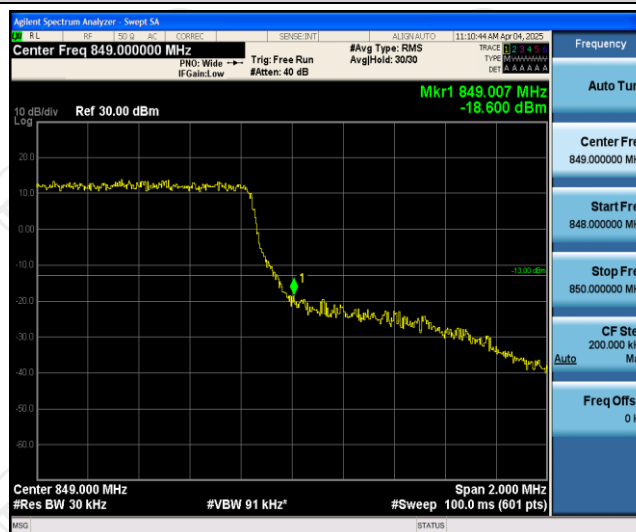




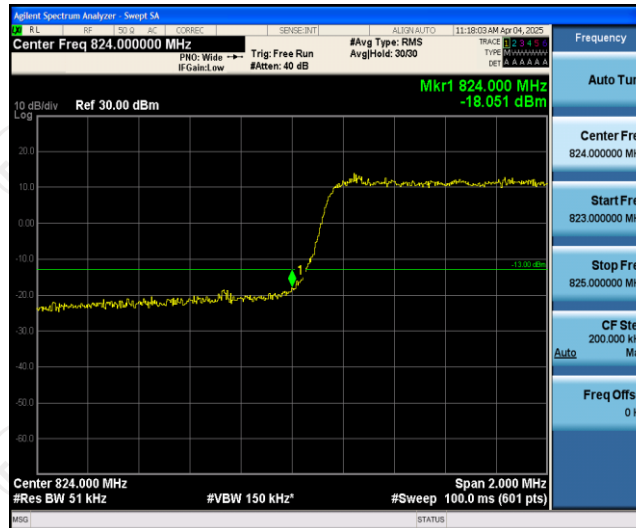
Band5-1.4MHz-QPSK-20643-6RB#0



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



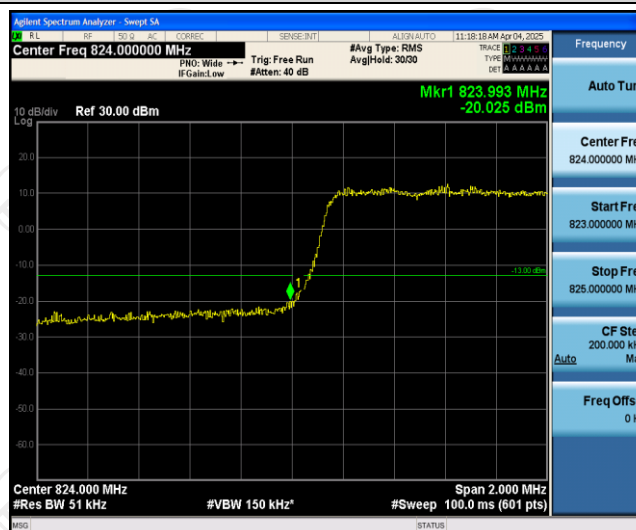
Band5-1.4MHz-16QAM-20643-6RB#0



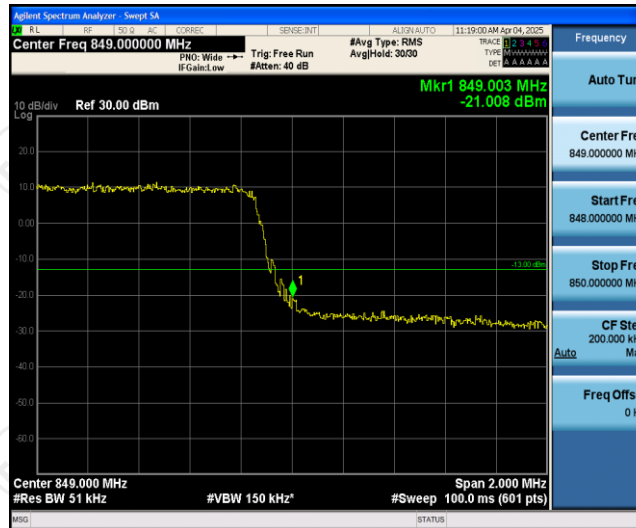
Band5-3MHz-QPSK-20415-15RB#0



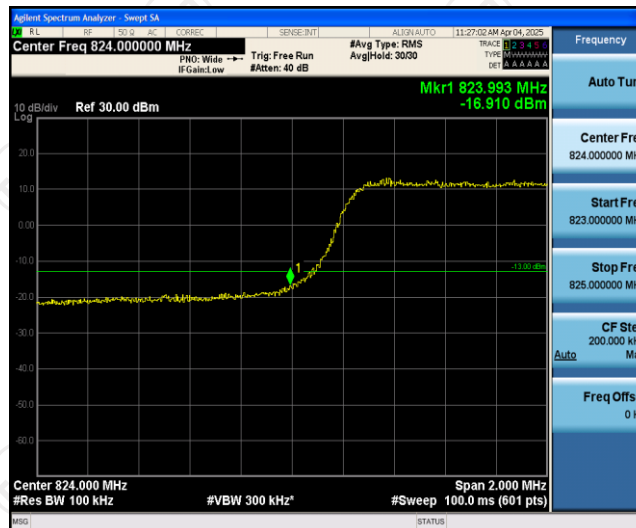
Band5-3MHz-QPSK-20635-15RB#0



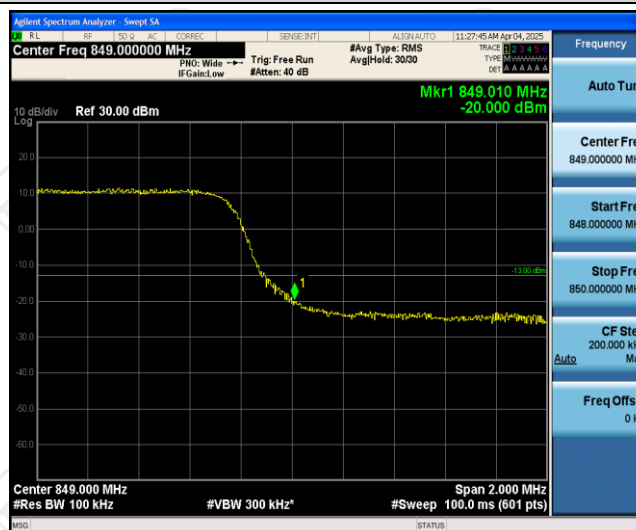
Band5-3MHz-16QAM-20415-15RB#0



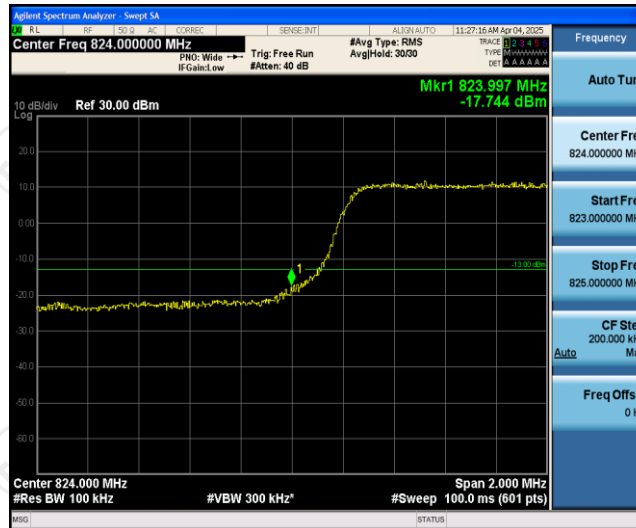
Band5-3MHz-16QAM-20635-15RB#0



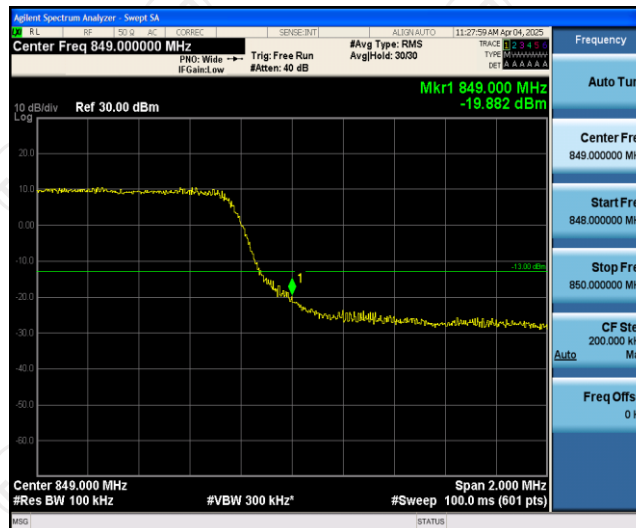
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-25RB#0

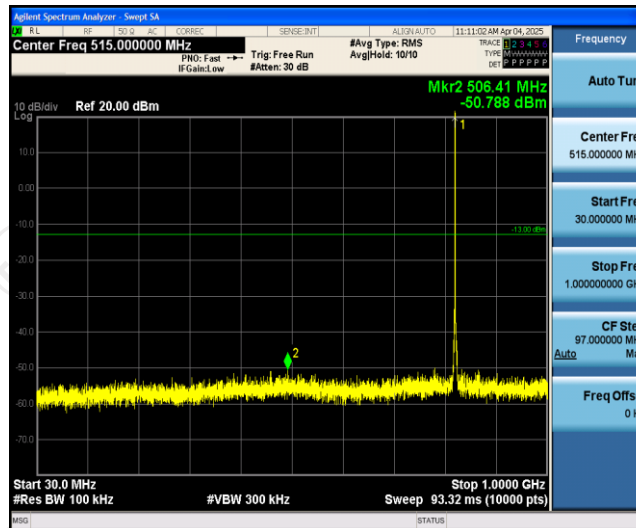
Appendix E: Conducted Spurious Emission

Test Result

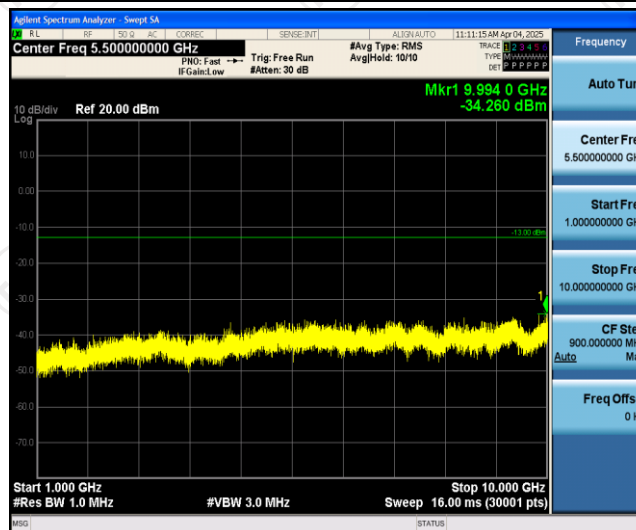
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-50.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-34.26	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.87	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-51.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-34.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-50.88	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-33.81	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-50.89	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-33.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-50.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-51	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-34.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.42	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-33.75	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-50.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-34.23	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-50.78	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-33.87	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-50.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.9	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-49.97	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-34.44	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-51	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.79	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-50.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-34.11	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-51.18	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-34.09	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.09	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.38	PASS

Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-50.61	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-33.5	PASS

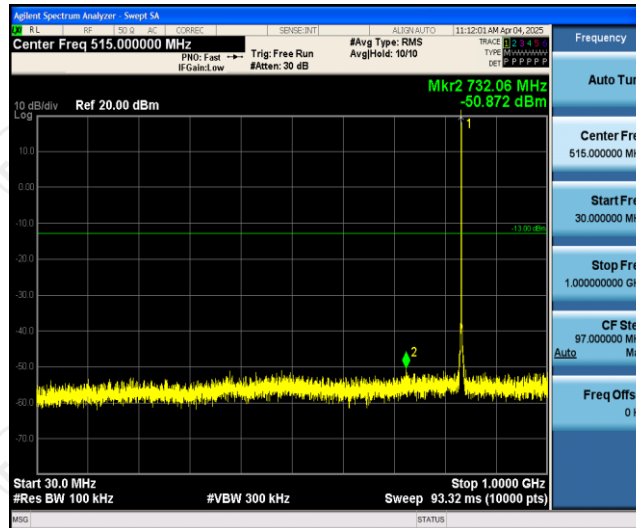
Test Graphs



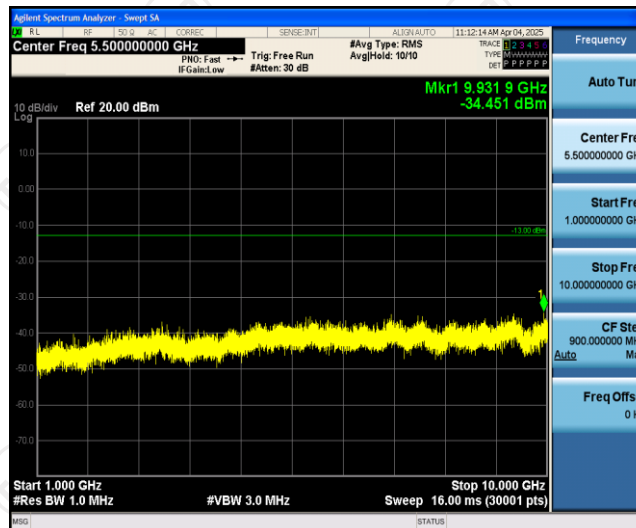
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



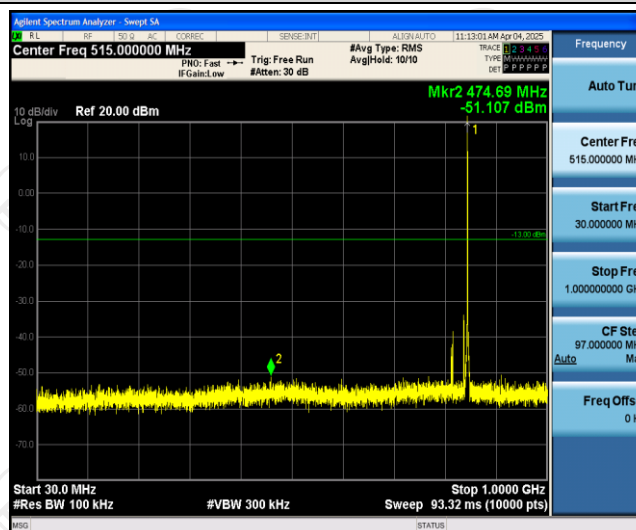
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



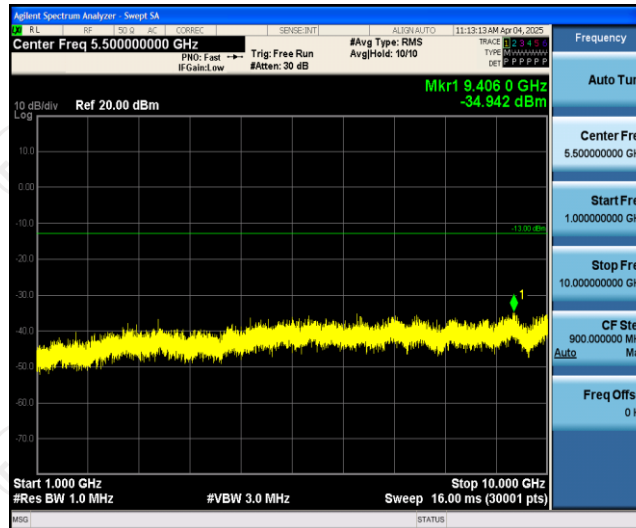
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



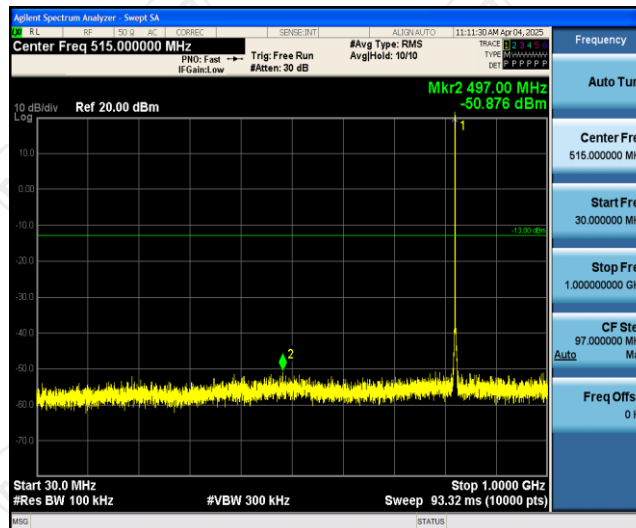
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



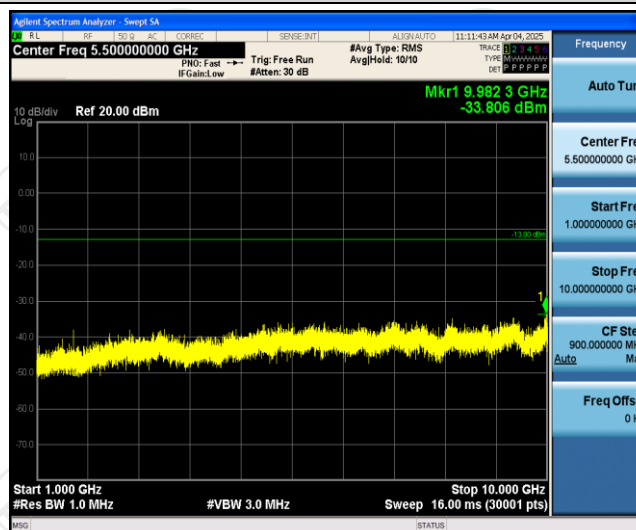
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



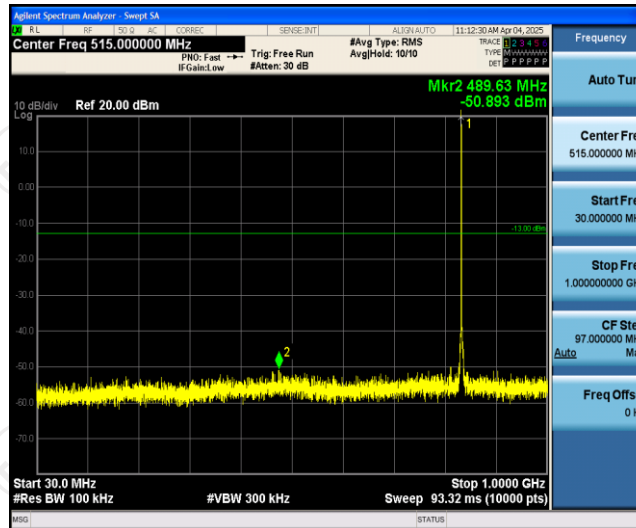
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



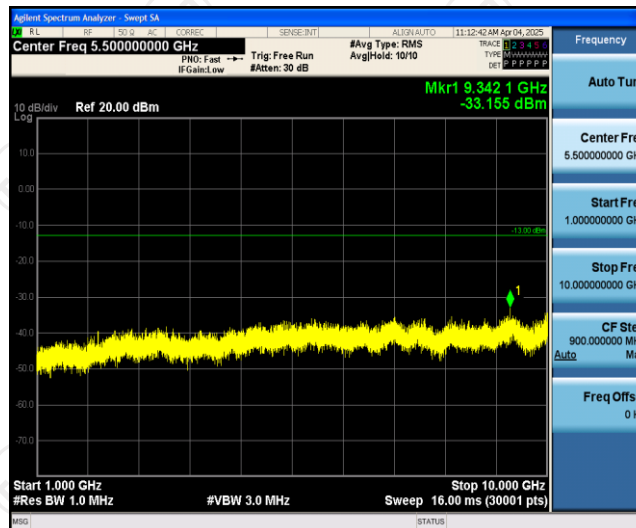
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



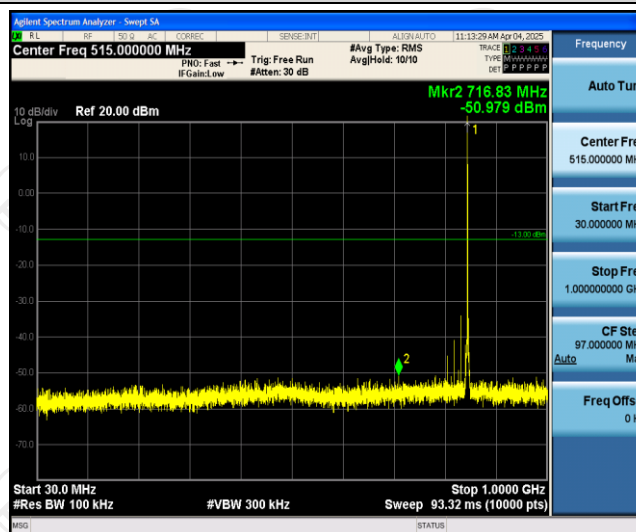
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



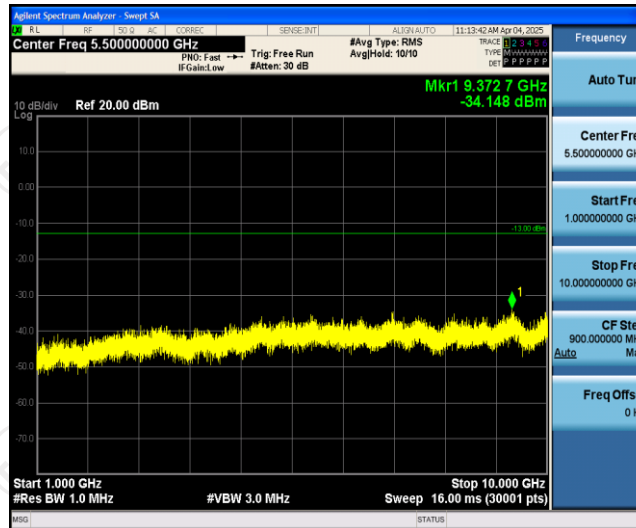
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



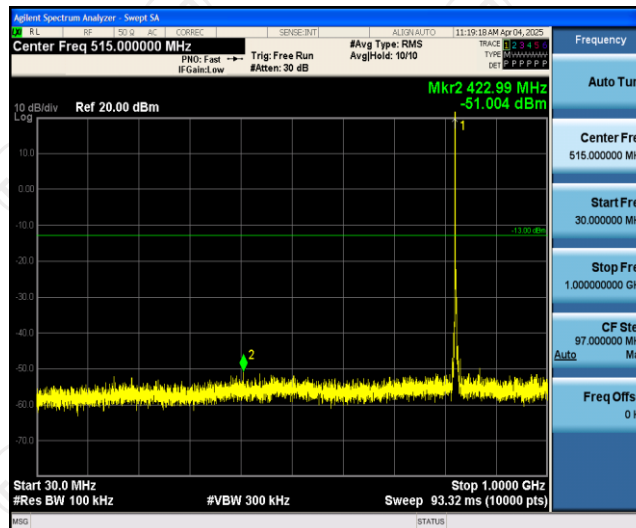
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



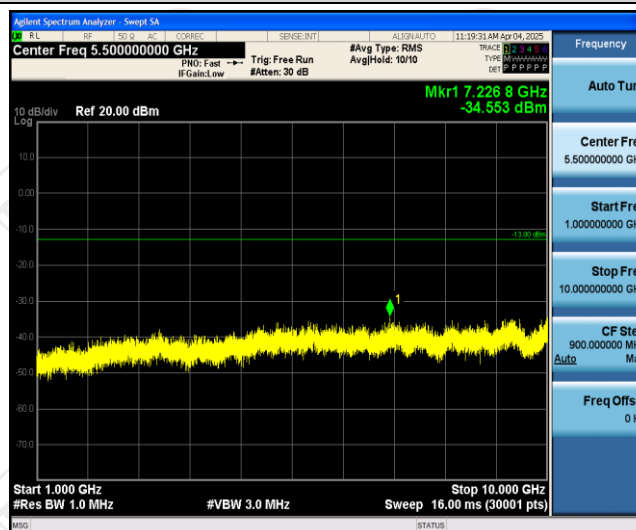
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



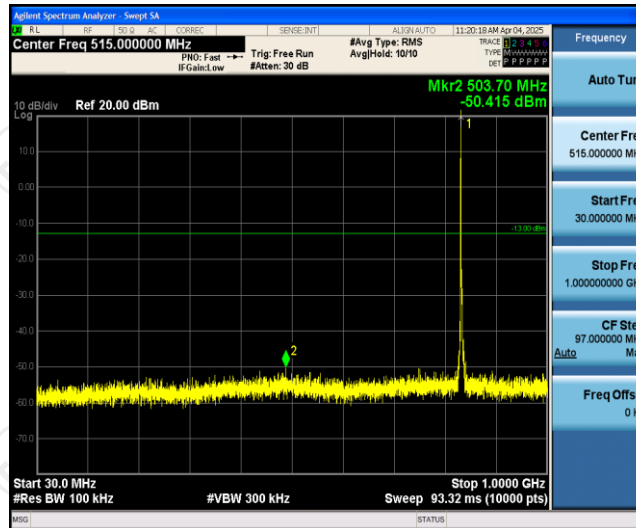
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



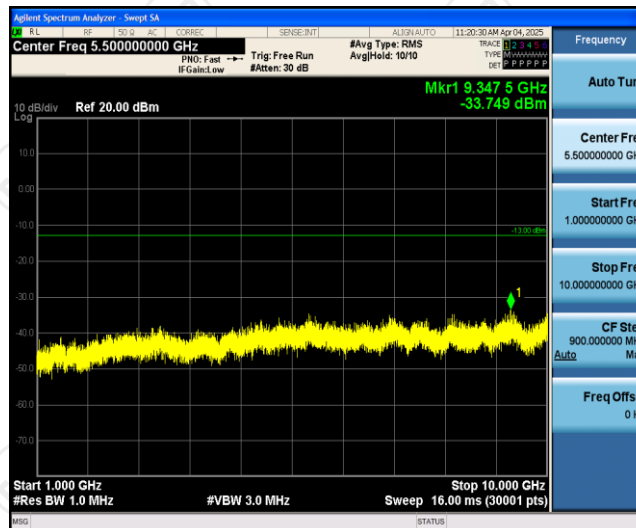
Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



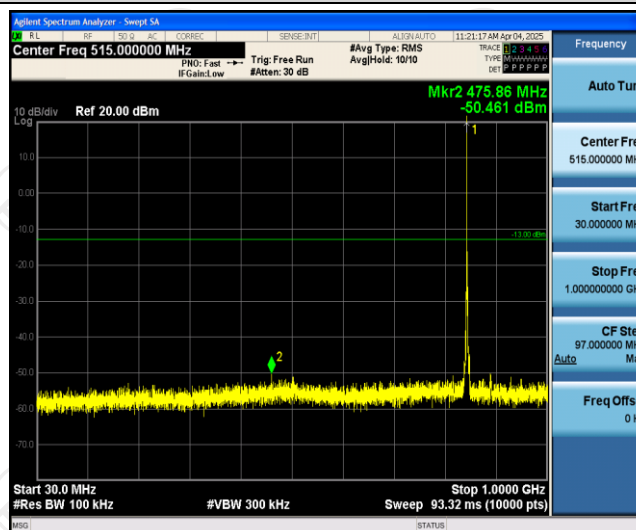
Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



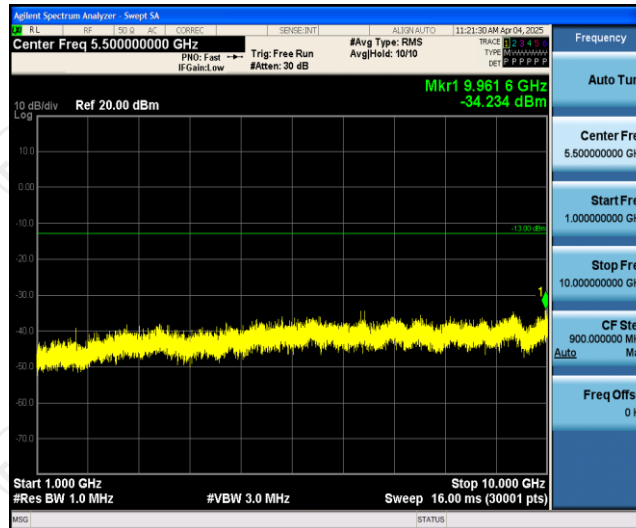
Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



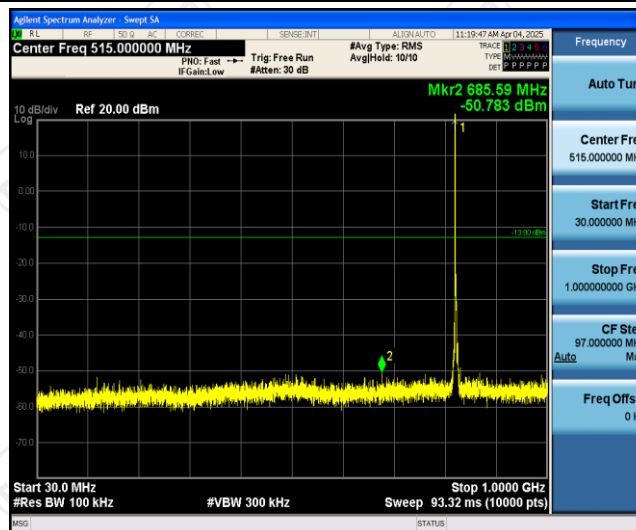
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



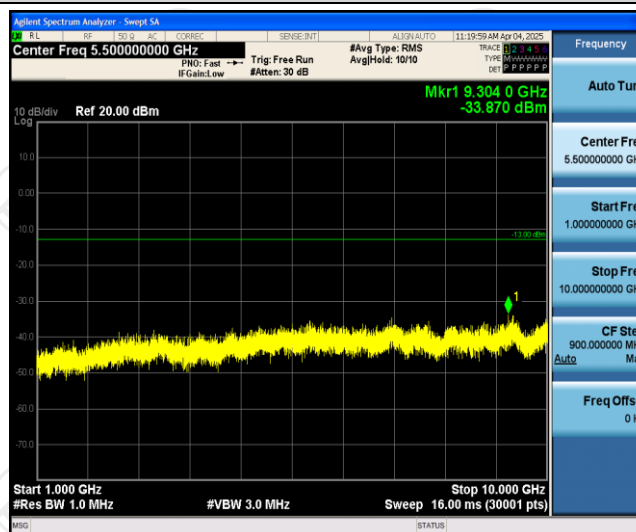
Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



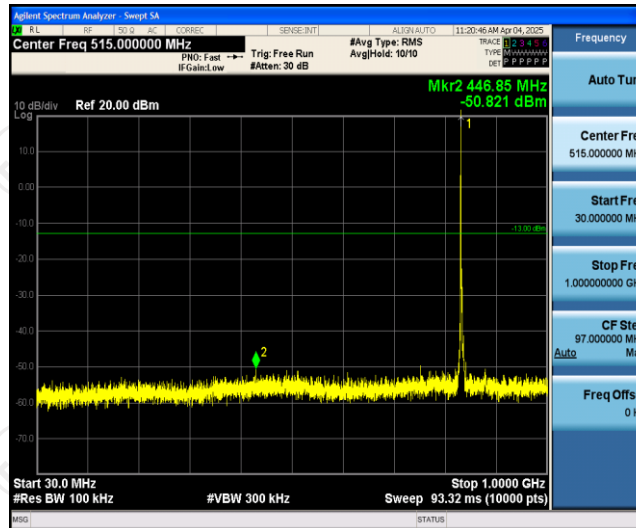
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



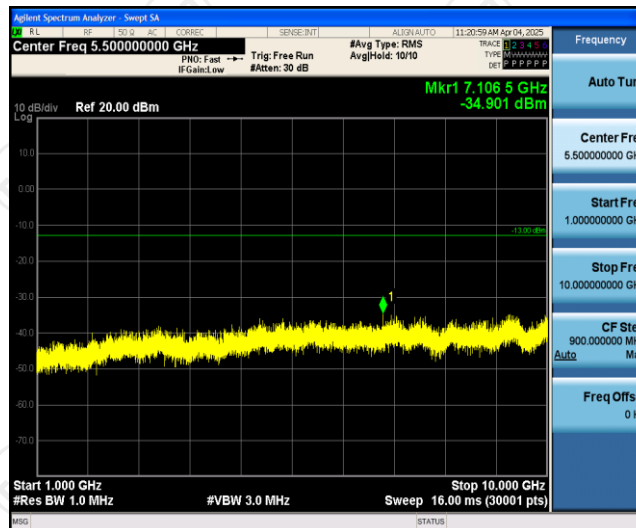
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



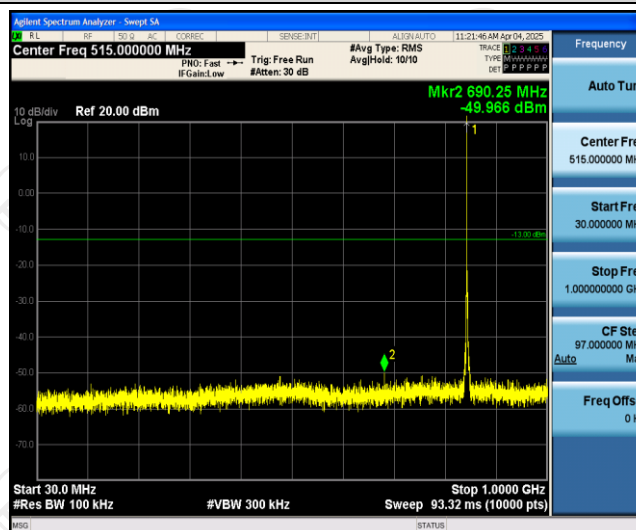
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



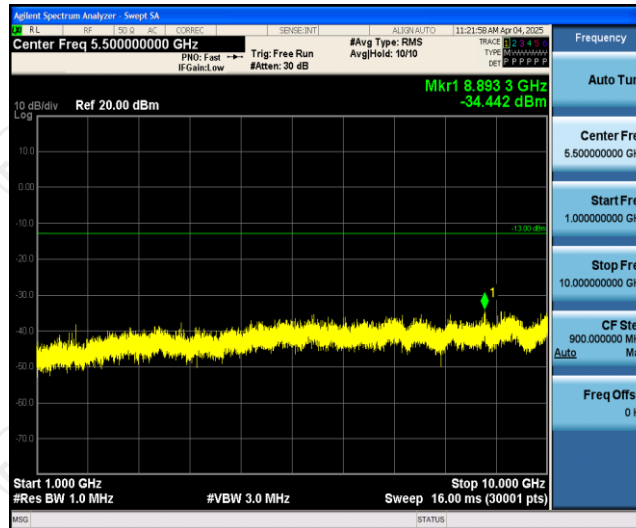
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



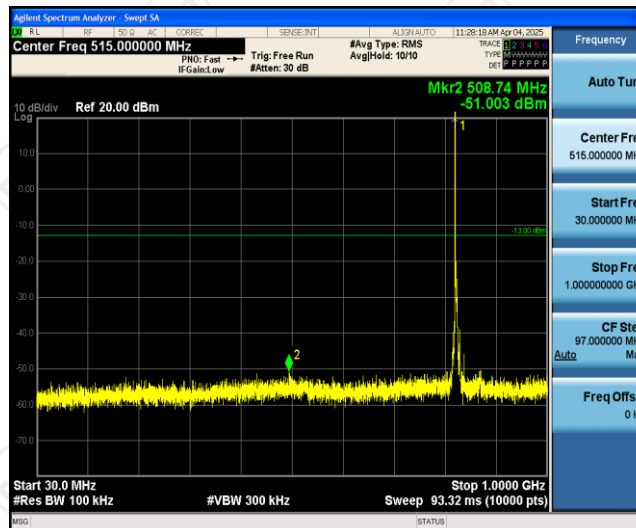
Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



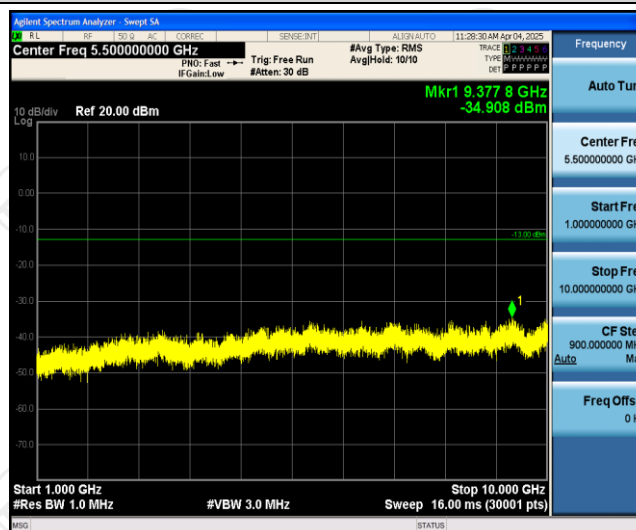
Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



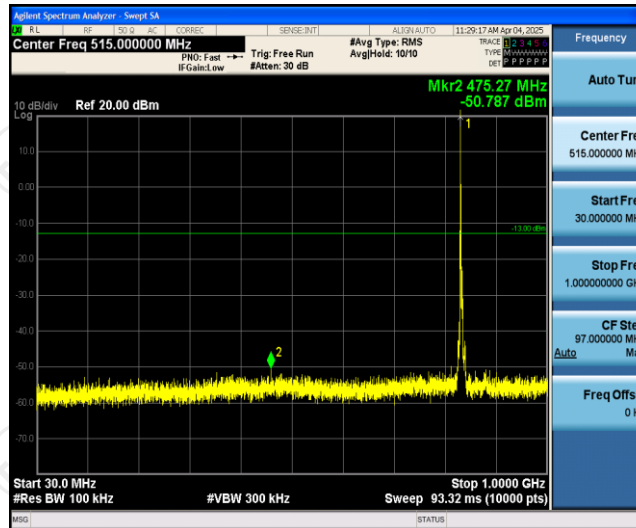
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



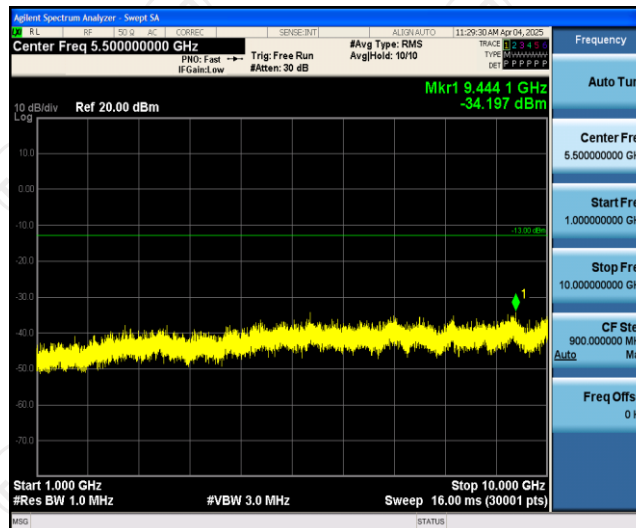
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



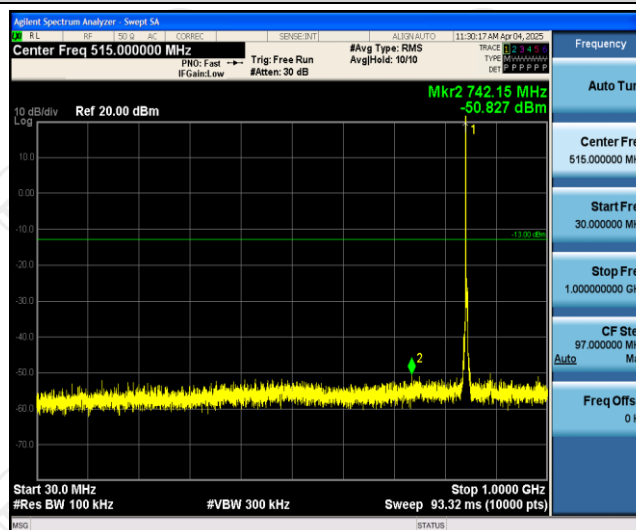
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



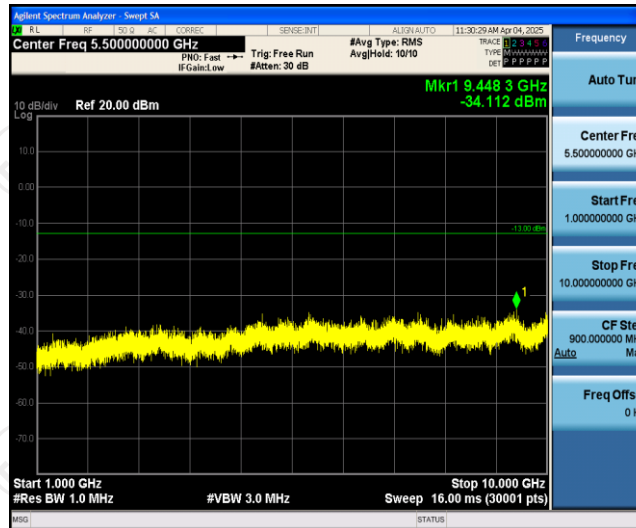
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



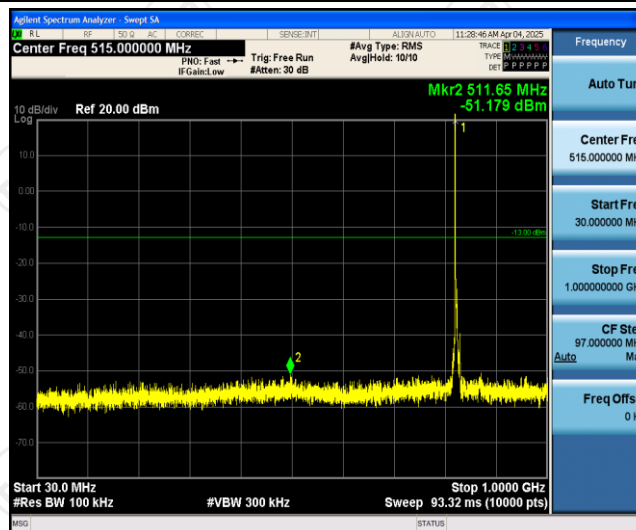
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



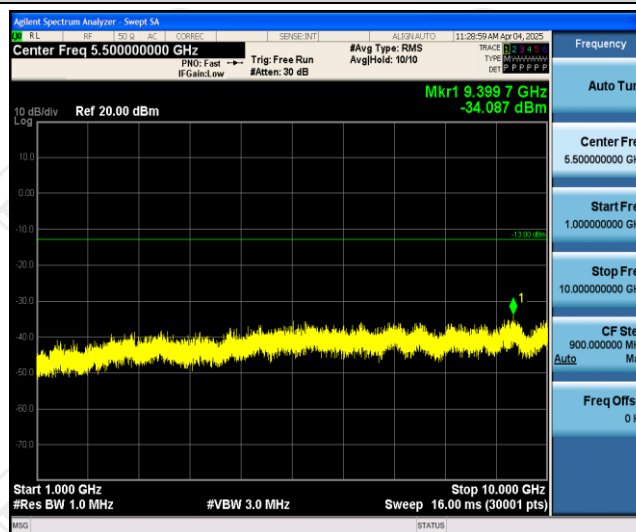
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



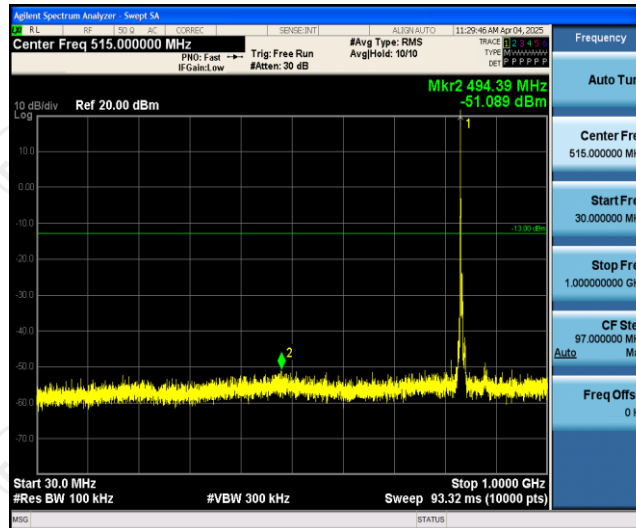
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



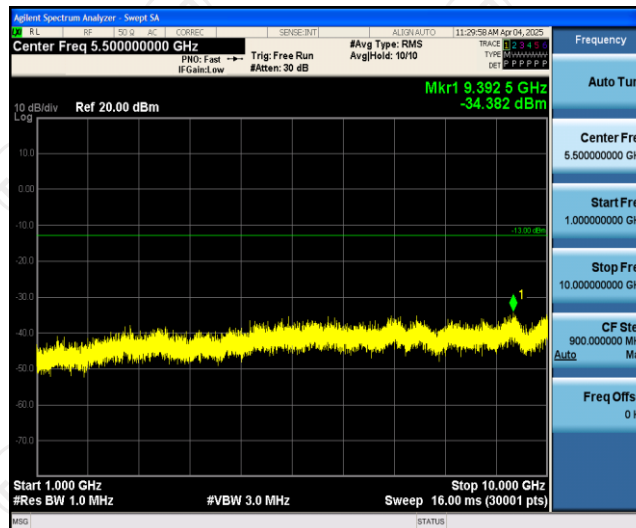
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



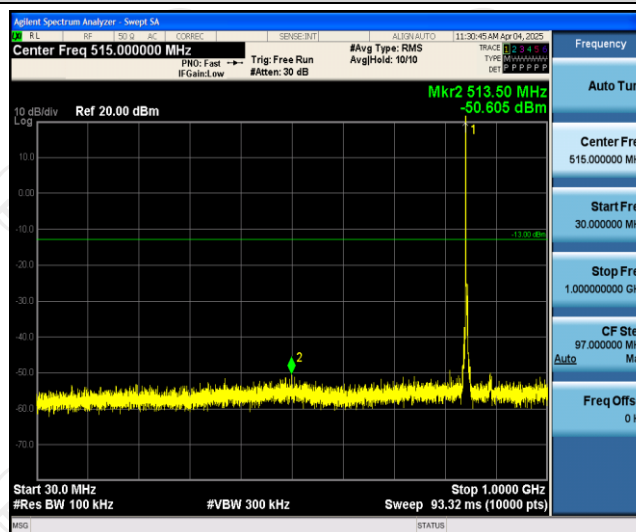
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



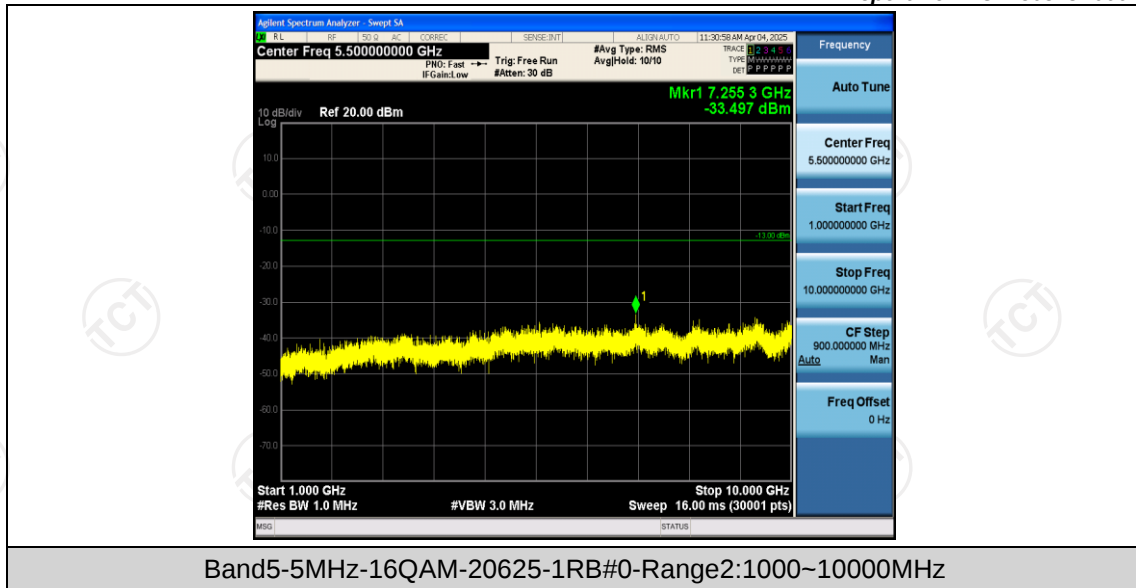
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



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



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



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	1.91	0.002316	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	5.21	0.006317	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-4.87	-0.005905	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-4.88	-0.005834	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-4.64	-0.005547	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	4.56	0.005451	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	6.14	0.007238	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-4.07	-0.004798	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-3.91	-0.004609	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-4.81	-0.005832	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	4.01	0.004862	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-4.90	-0.005942	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-5.50	-0.006575	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	4.76	0.005690	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-5.60	-0.006695	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	6.76	0.007969	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	6.05	0.007132	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-6.37	-0.007509	±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	-4.87	-0.005905	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	3.72	0.004511	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-5.77	-0.006996	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-4.85	-0.005881	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-6.27	-0.007603	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-2.02	-0.002415	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-3.89	-0.004650	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	2.15	0.002570	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-5.27	-0.006300	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-4.96	-0.005929	±2.5	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-3.16	-0.003725	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	6.17	0.007273	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	6.33	0.007462	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	1.57	0.001851	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-6.21	-0.007321	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-0.94	-0.001140	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-7.04	-0.008536	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	4.08	0.004947	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	4.17	0.005056	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-7.23	-0.008767	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	3.24	0.003873	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	6.03	0.007209	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-7.66	-0.009157	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-4.10	-0.004901	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-5.91	-0.007065	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	2.46	0.002900	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-3.66	-0.004315	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	4.02	0.004739	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	3.66	0.004315	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	3.84	0.004527	±2.5	PASS