

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	21.60	PASS
Band13	5MHz	QPSK	23205	1RB#12	21.98	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.30	PASS
Band13	5MHz	QPSK	23205	12RB#0	20.57	PASS
Band13	5MHz	QPSK	23205	12RB#6	20.56	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.10	PASS
Band13	5MHz	QPSK	23205	25RB#0	20.84	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.07	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.48	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.45	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.10	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.11	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.40	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.27	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.44	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.49	PASS
Band13	5MHz	QPSK	23255	1RB#24	21.79	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.37	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.40	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.08	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.25	PASS
Band13	5MHz	16QAM	23205	1RB#0	20.74	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.18	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.57	PASS
Band13	5MHz	16QAM	23205	12RB#0	19.52	PASS
Band13	5MHz	16QAM	23205	12RB#6	19.52	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.10	PASS
Band13	5MHz	16QAM	23205	25RB#0	19.73	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.01	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.48	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.46	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.07	PASS

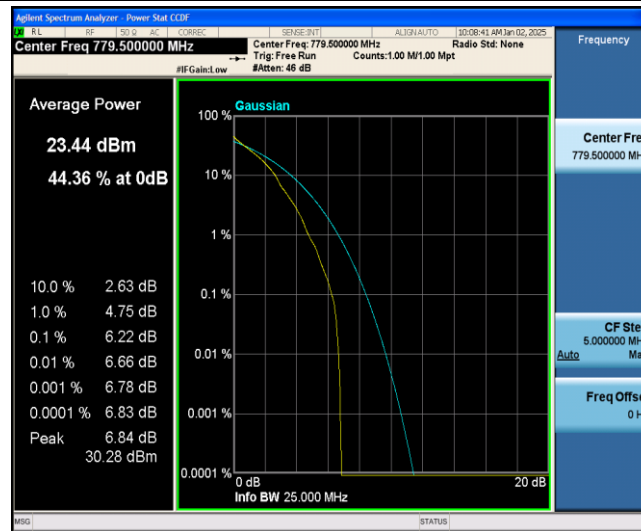
Band13	5MHz	16QAM	23230	12RB#6	20.08	PASS
Band13	5MHz	16QAM	23230	12RB#13	20.39	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.27	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.53	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.45	PASS
Band13	5MHz	16QAM	23255	1RB#24	20.85	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.35	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.36	PASS
Band13	5MHz	16QAM	23255	12RB#13	19.99	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.20	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

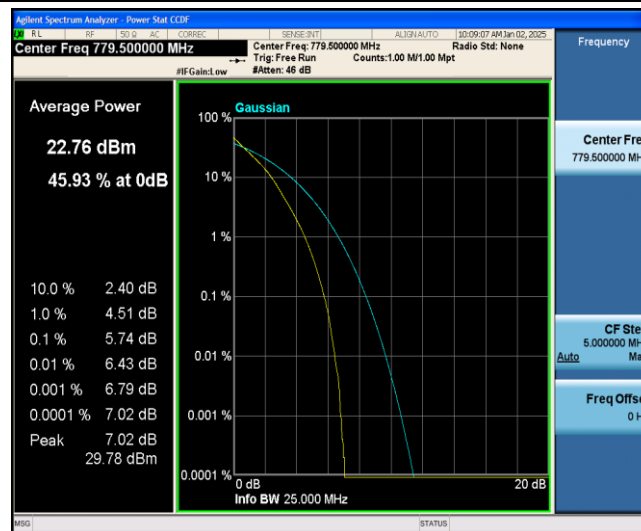
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	6.22	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.74	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.66	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.49	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.91	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.59	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	6.40	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.39	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.88	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.19	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.60	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.33	13	PASS

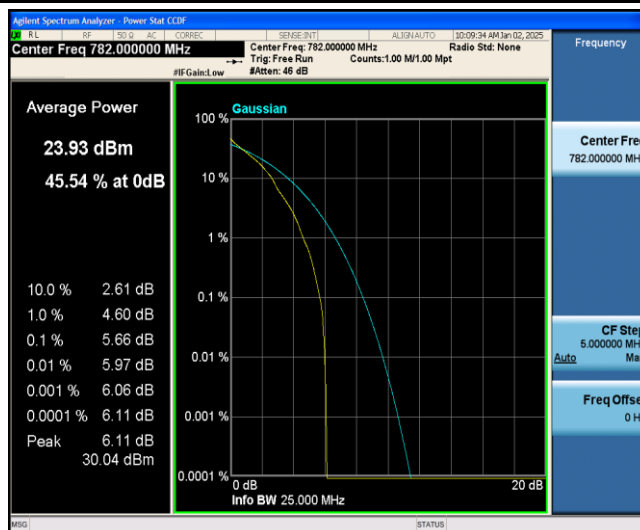
Test Graphs



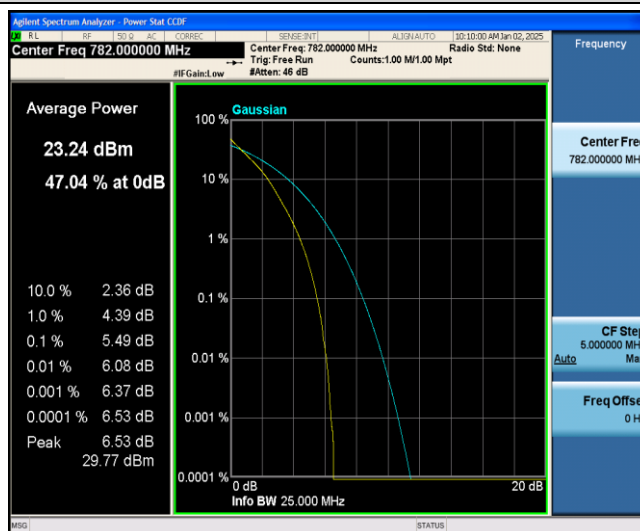
Band13-5MHz-QPSK-23205-1RB#0



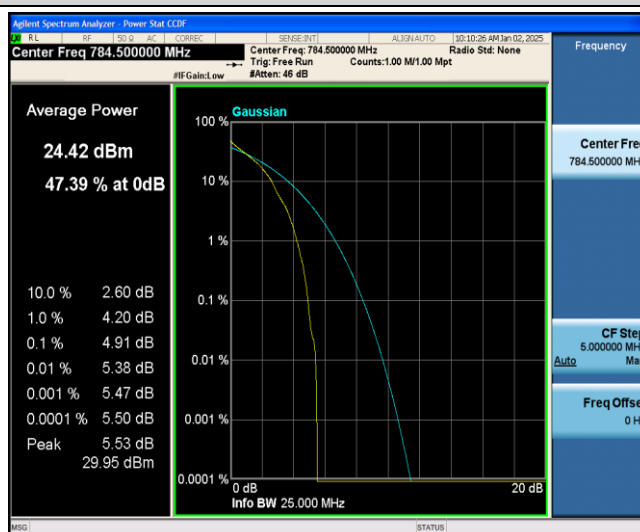
Band13-5MHz-QPSK-23205-25RB#0



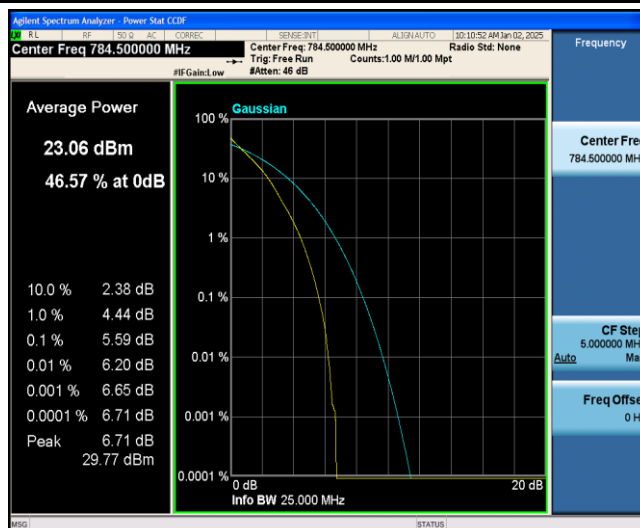
Band13-5MHz-QPSK-23230-1RB#0



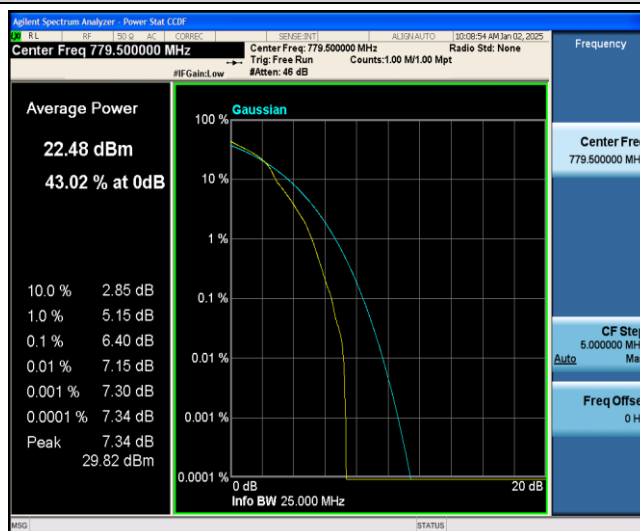
Band13-5MHz-QPSK-23230-25RB#0



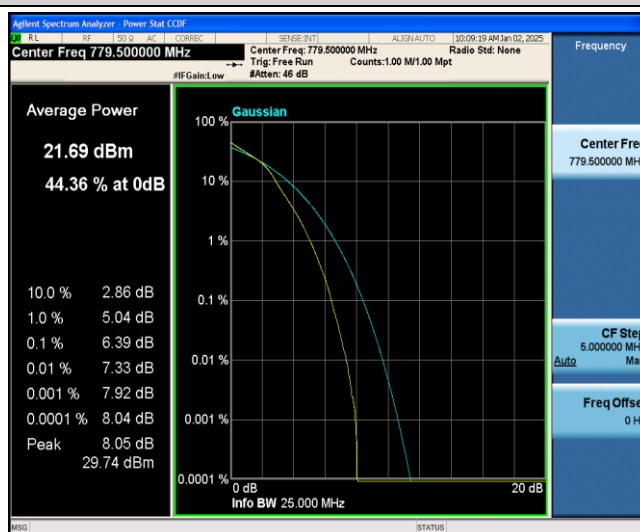
Band13-5MHz-QPSK-23255-1RB#0



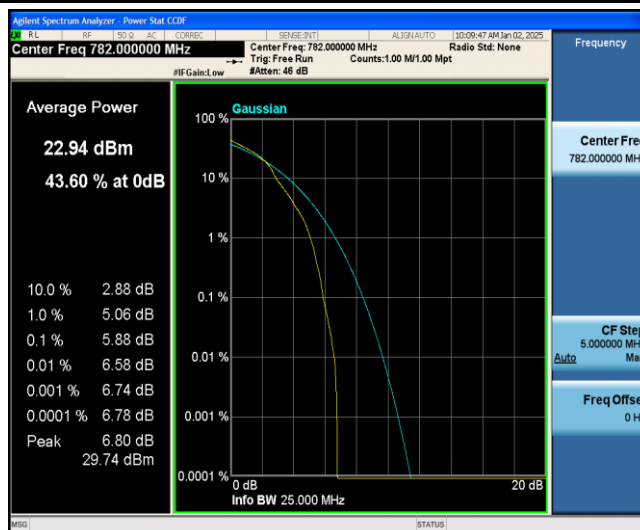
Band13-5MHz-QPSK-23255-25RB#0



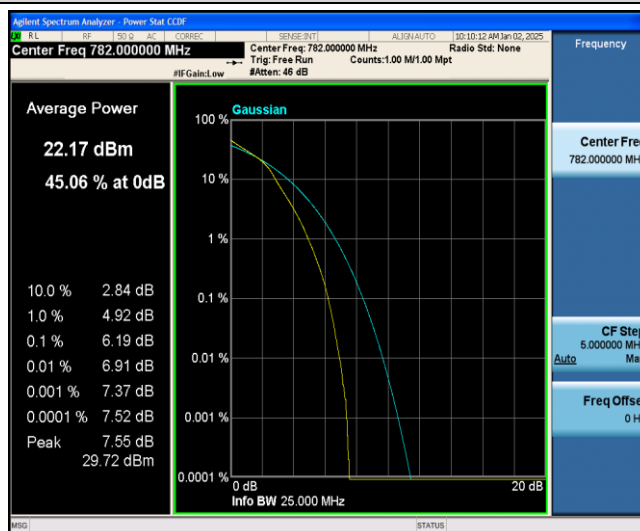
Band13-5MHz-16QAM-23205-1RB#0



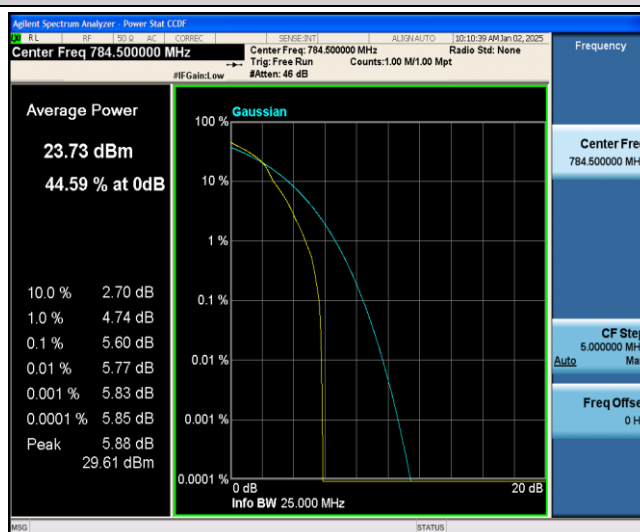
Band13-5MHz-16QAM-23205-25RB#0



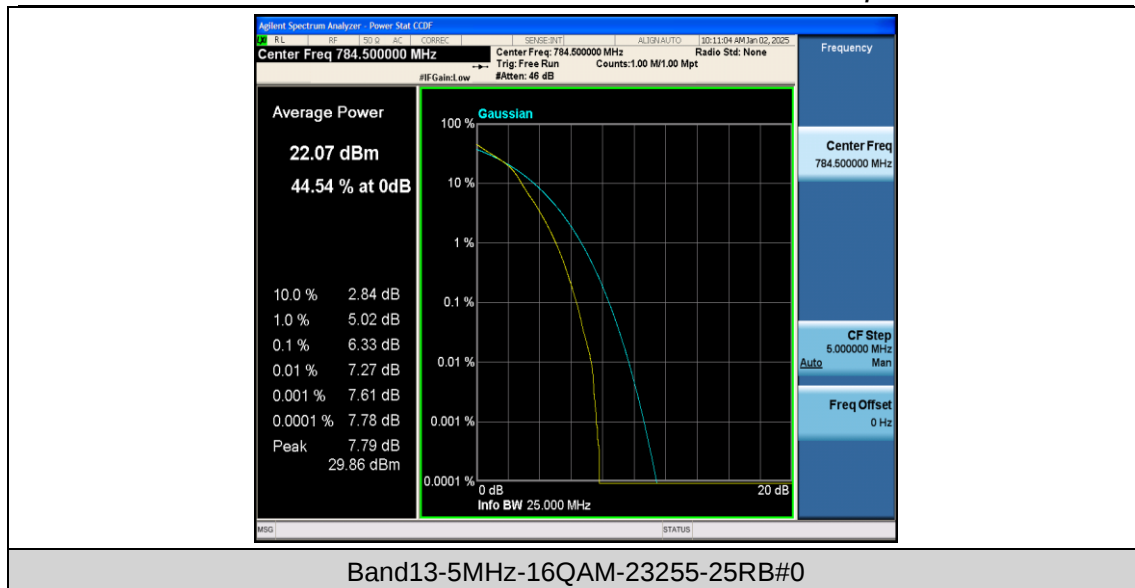
Band13-5MHz-16QAM-23230-1RB#0



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-1RB#0

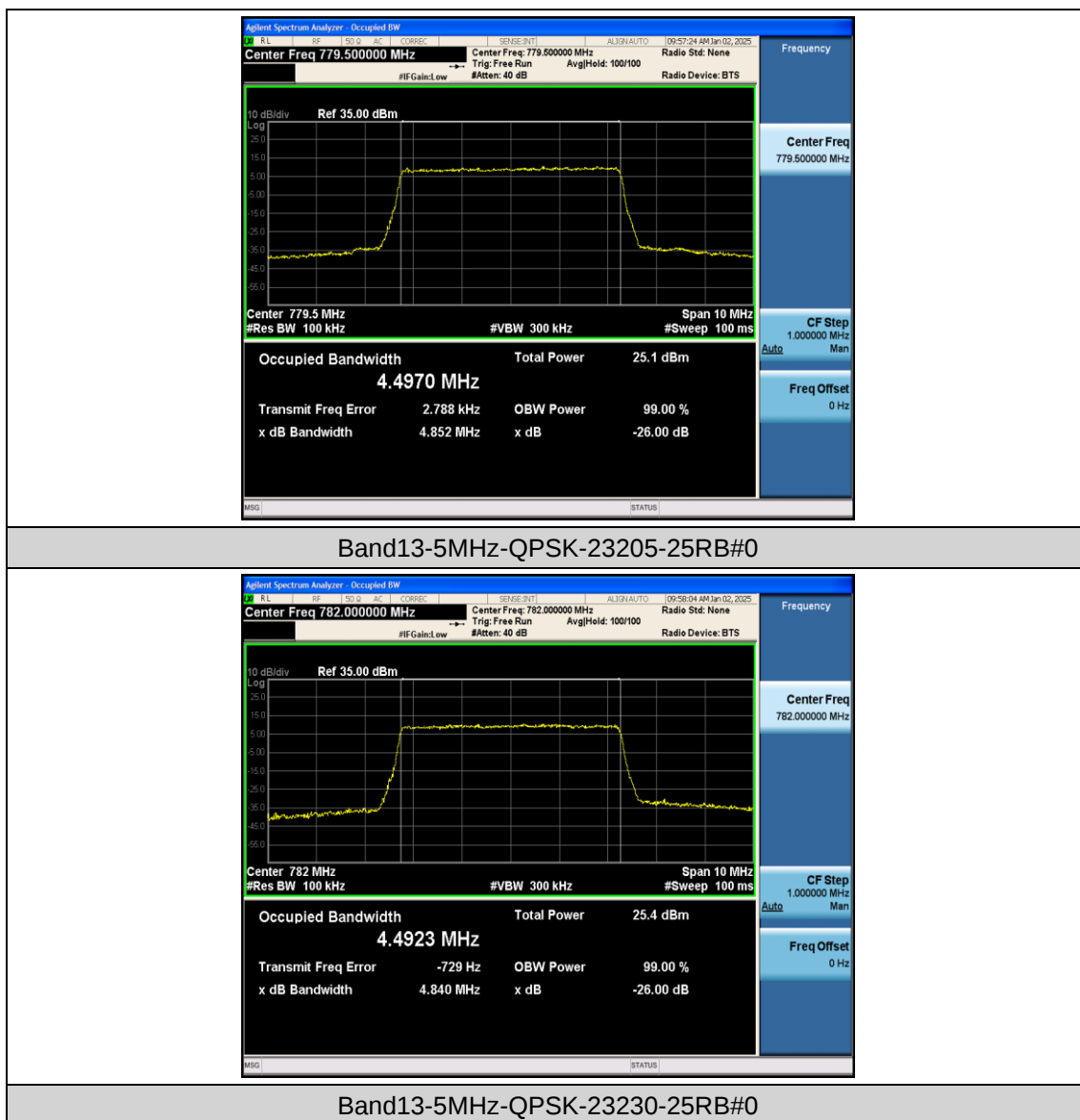


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

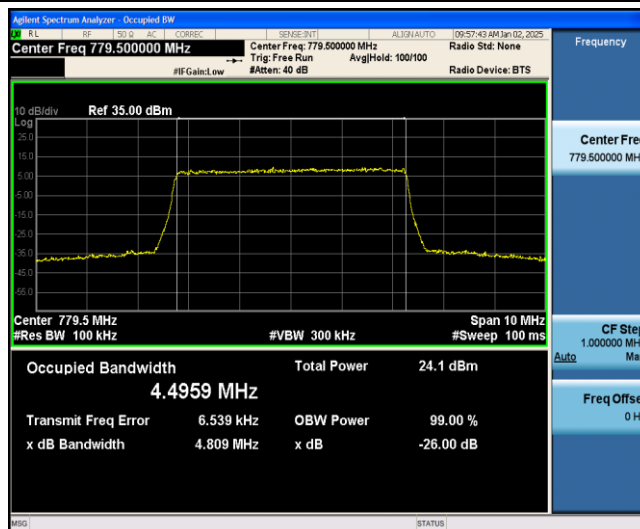
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4970	4.852	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4923	4.840	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4893	4.824	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4959	4.809	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4930	4.796	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4896	4.861	PASS

Test Graphs

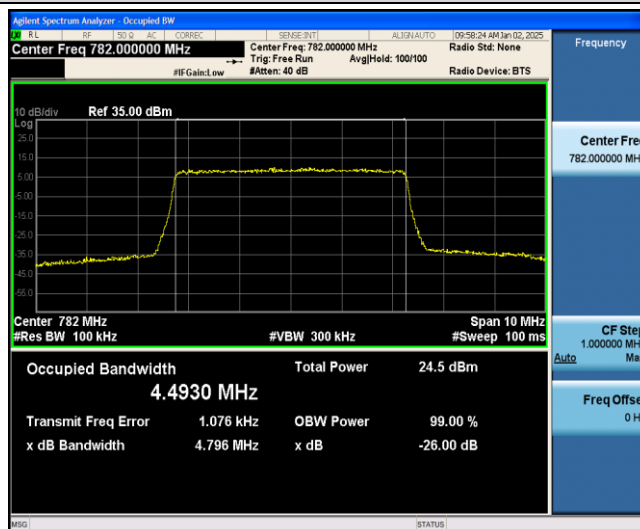




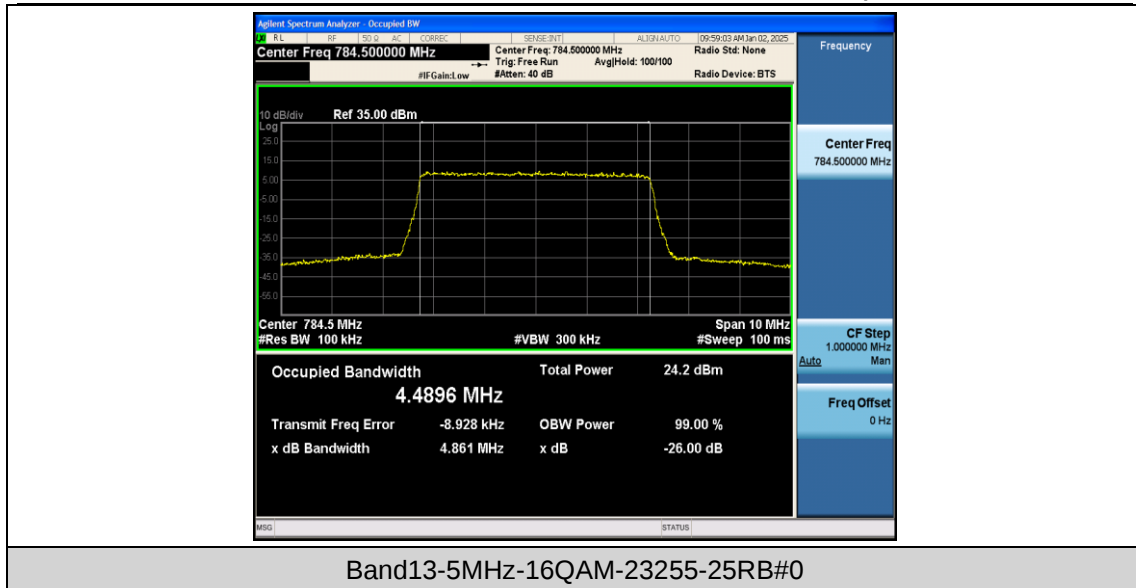
Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0

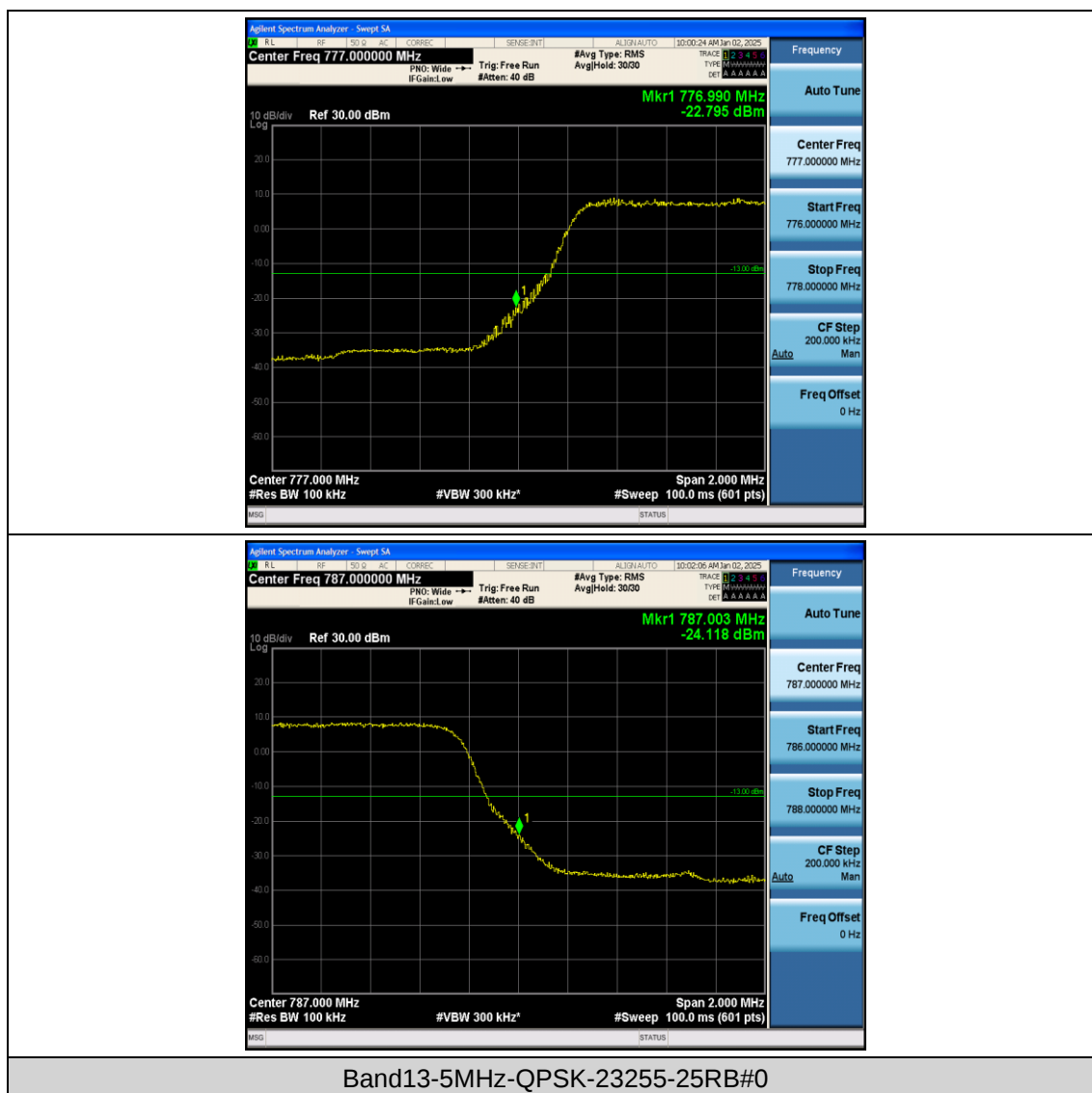


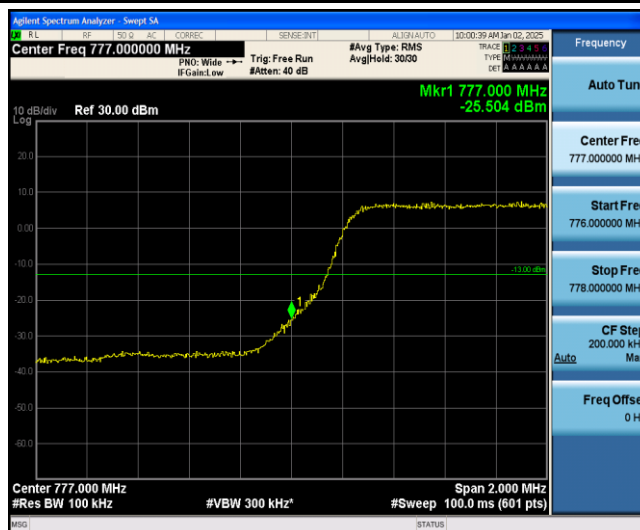
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-22.80	PASS
Band13	5MHz	QPSK	23255	25RB#0	-24.12	PASS
Band13	5MHz	16QAM	23205	25RB#0	-25.50	PASS
Band13	5MHz	16QAM	23255	25RB#0	-25.03	PASS

Test Graphs





Band13-5MHz-16QAM-23205-25RB#0



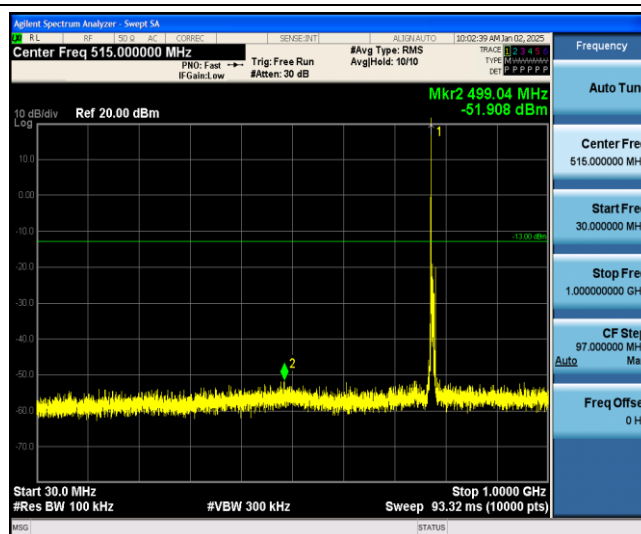
Band13-5MHz-16QAM-23255-25RB#0

Appendix E: Conducted Spurious Emission

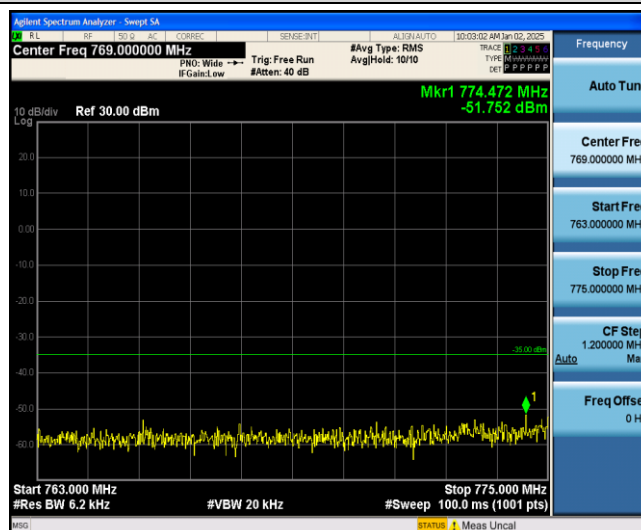
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-51.91	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-51.75	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-53.04	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-35.49	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-52.56	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-51.99	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-53.15	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-53.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.83	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-54.26	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-51.54	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-49.29	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-52.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.63	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-53.67	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-51.55	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-52.91	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-52.89	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-35.08	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-53.49	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-51.81	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-51.32	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-54.55	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.71	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-54.03	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-52.57	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-48.33	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-53.67	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-35.16	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-54.41	PASS

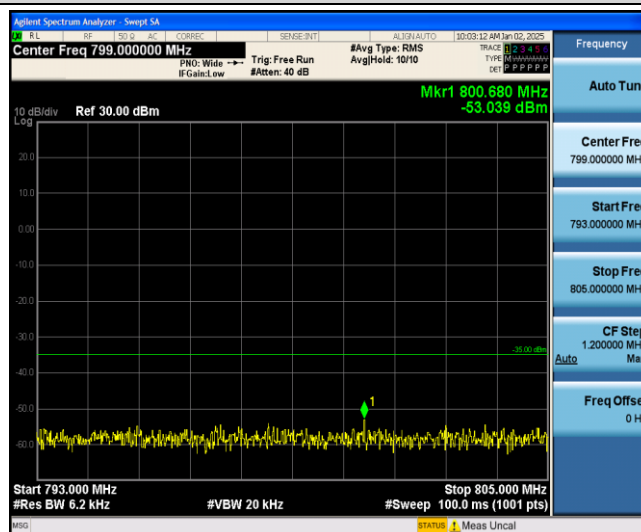
Test Graphs



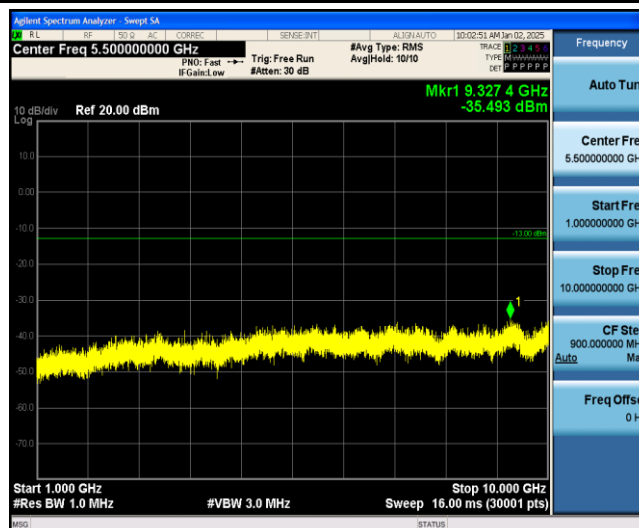
Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



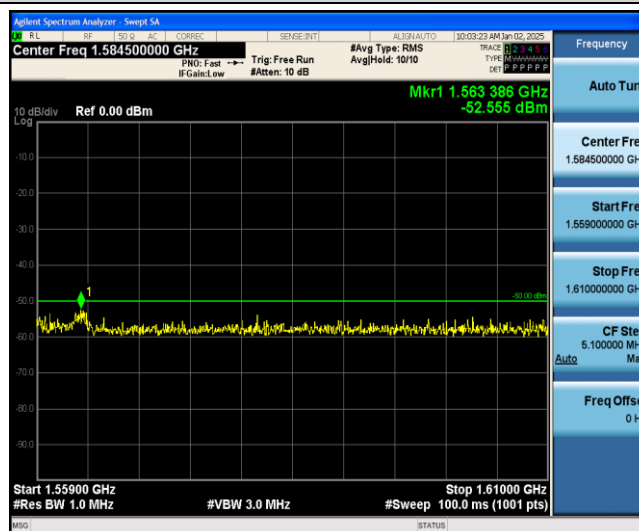
Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



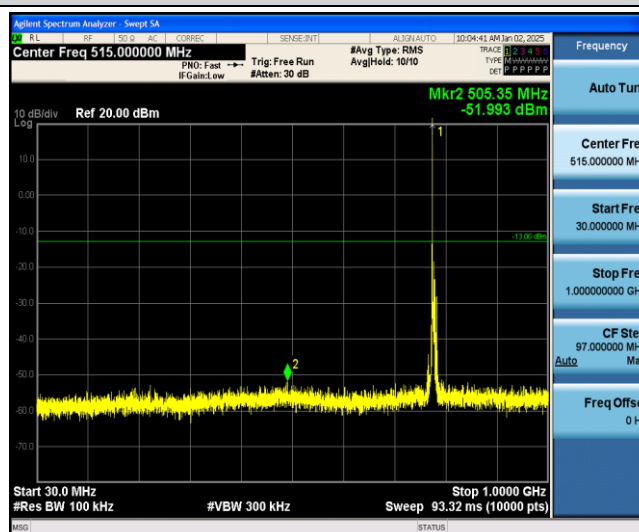
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



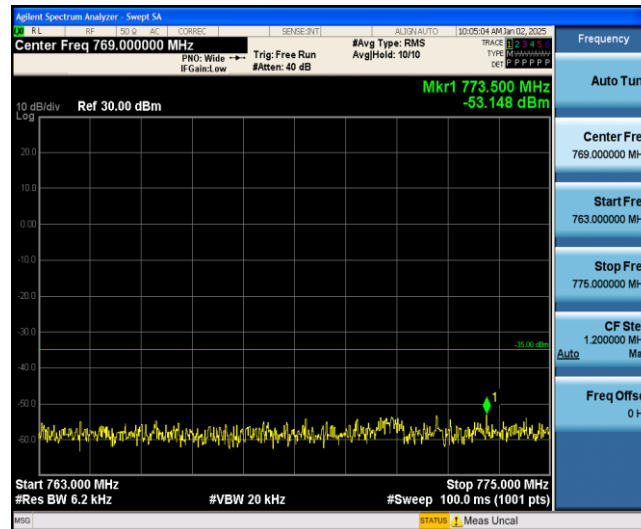
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



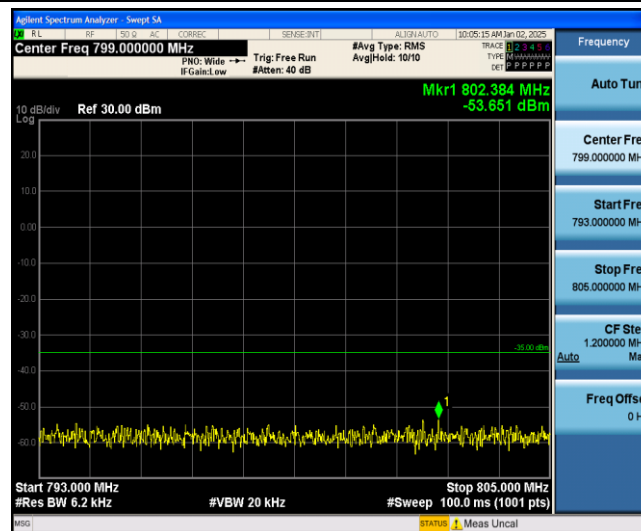
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



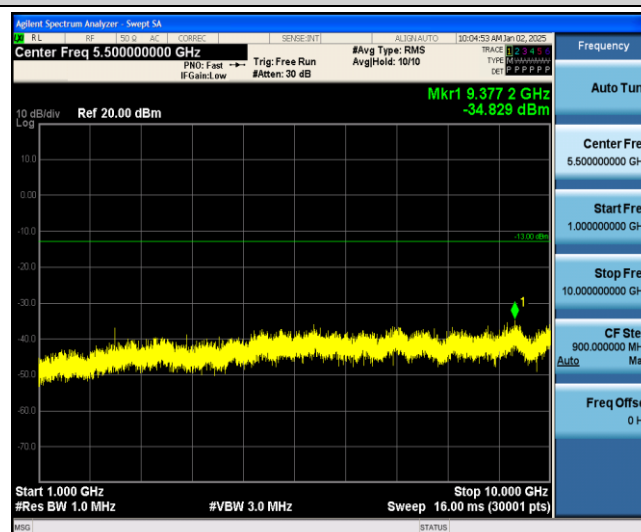
Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



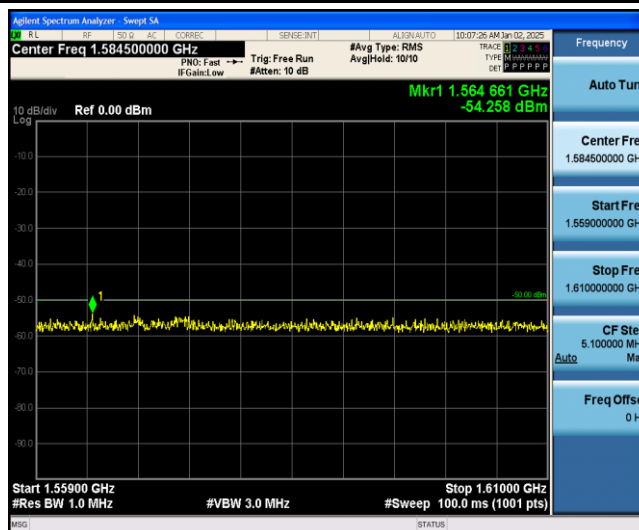
Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



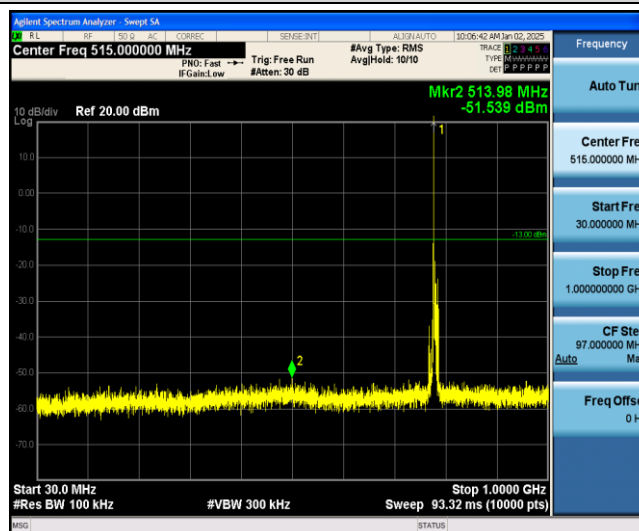
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



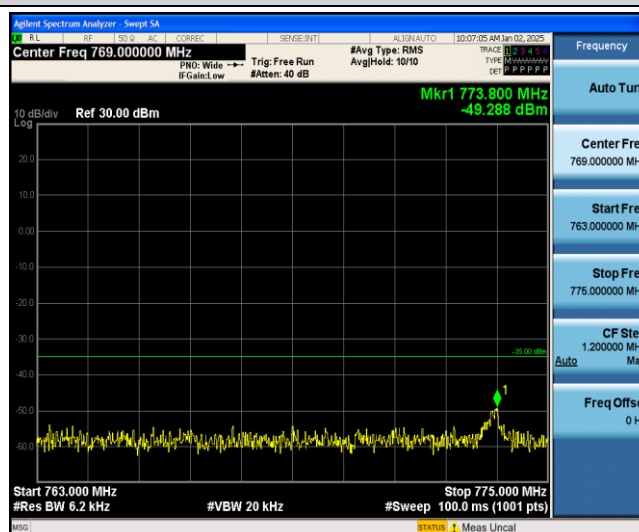
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



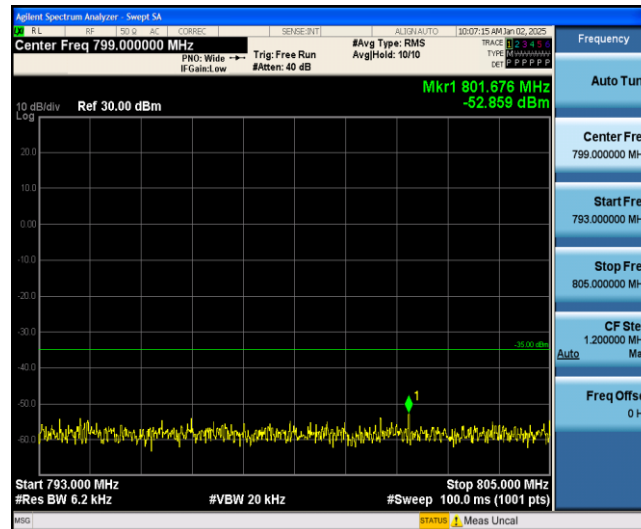
Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



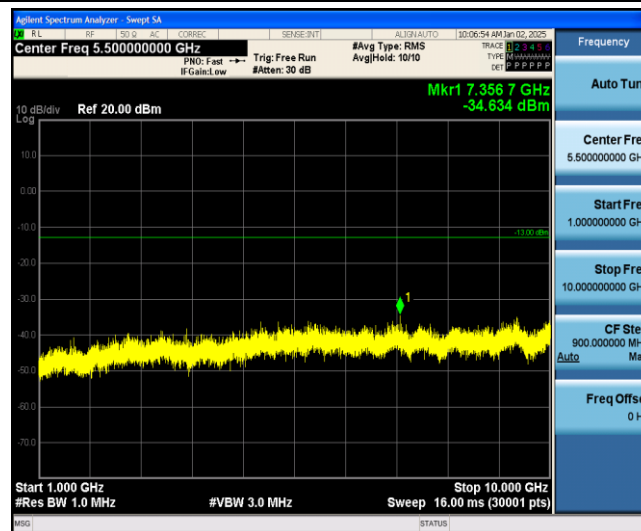
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



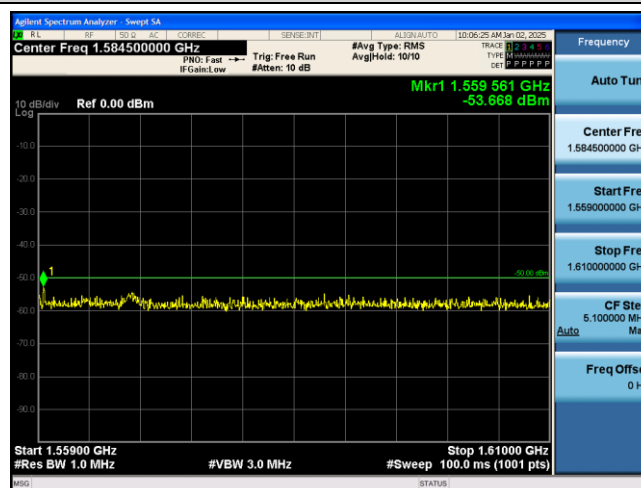
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



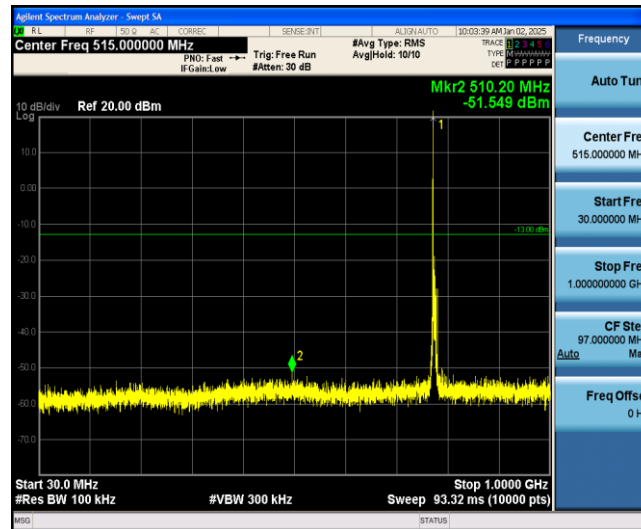
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



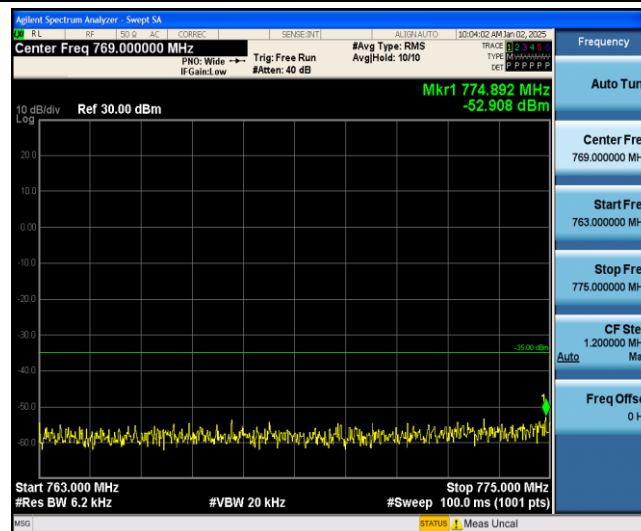
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



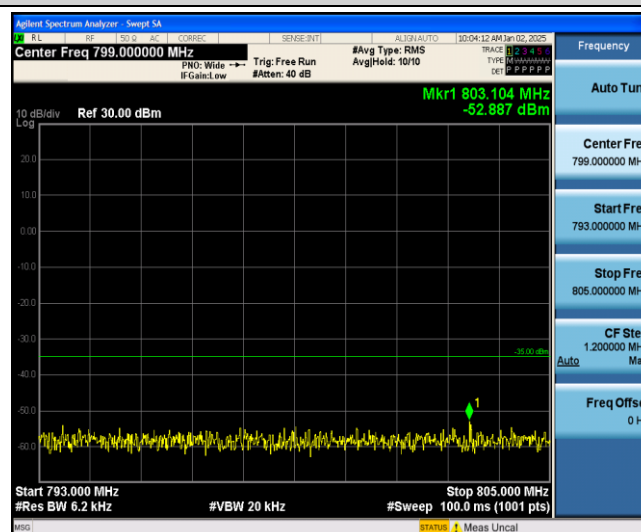
Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



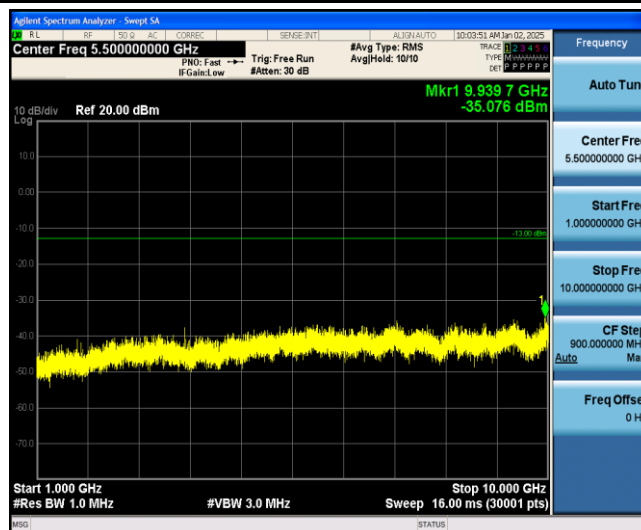
Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



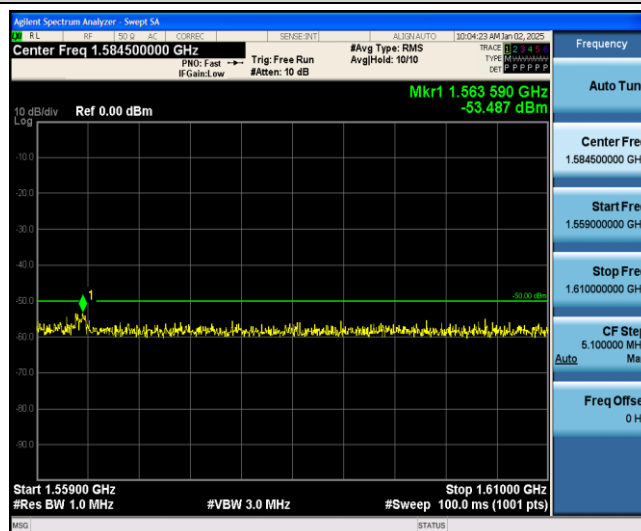
Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



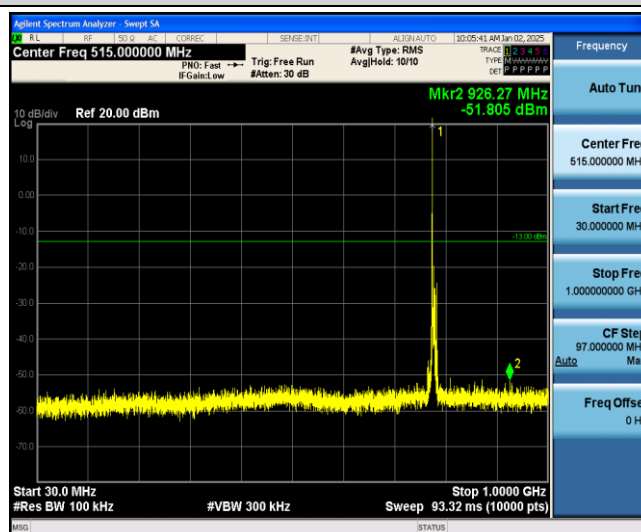
Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



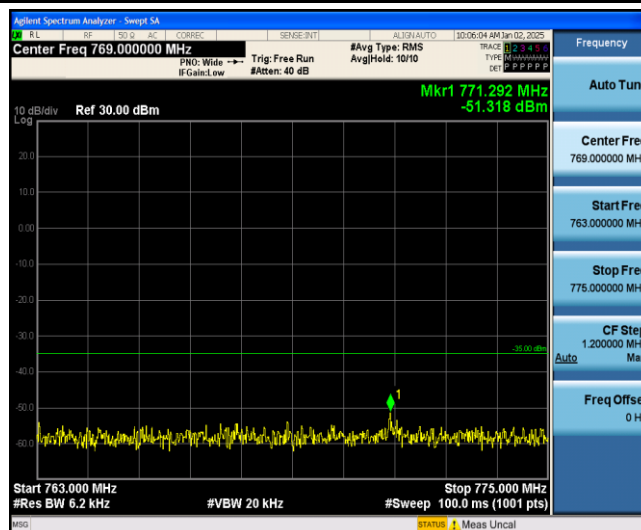
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



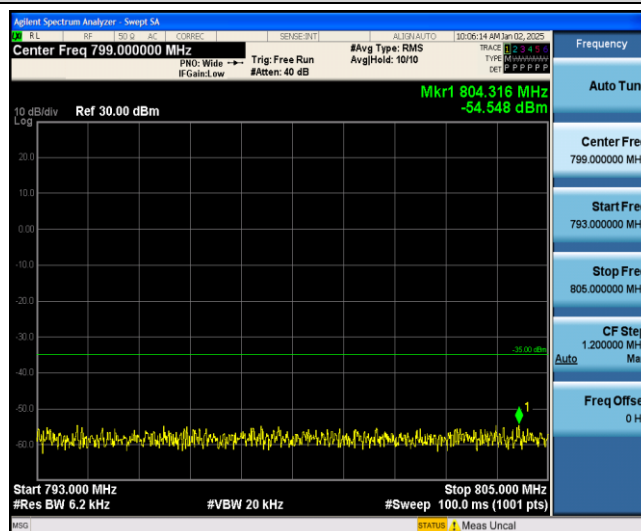
Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz



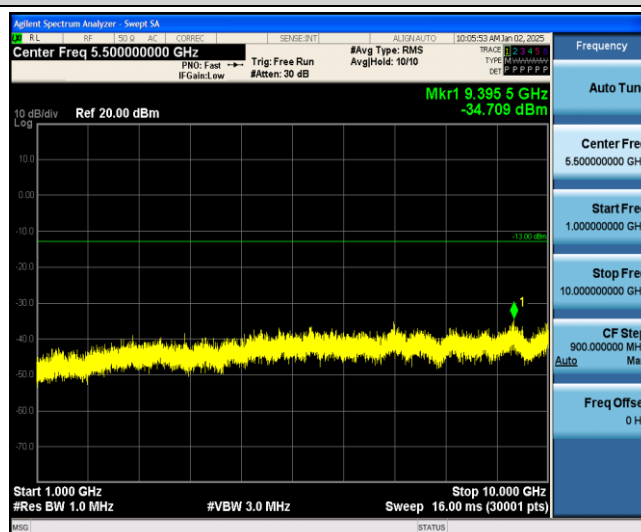
Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



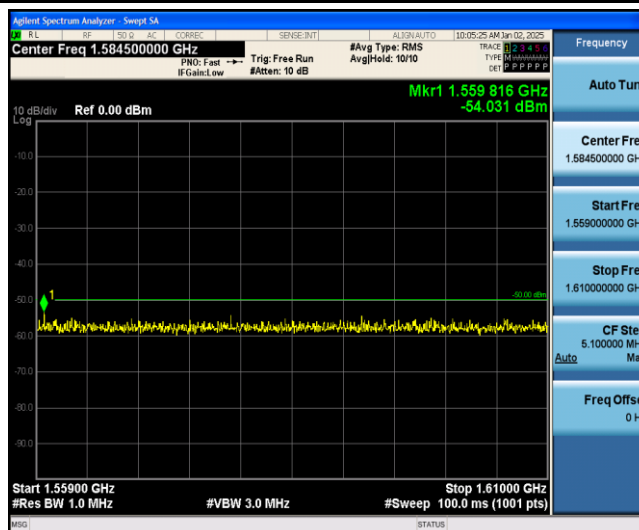
Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



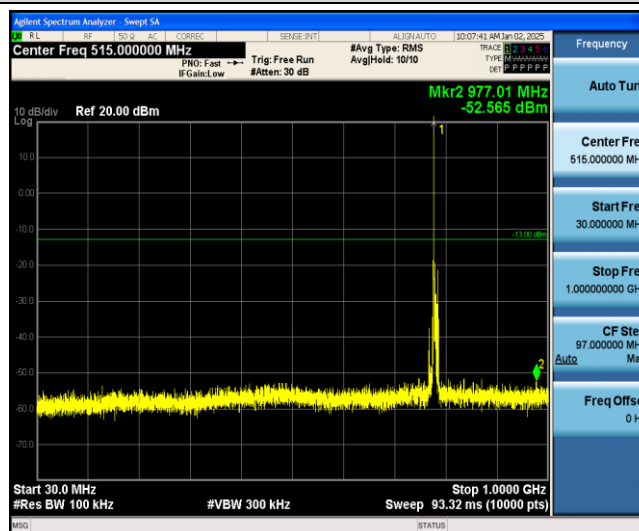
Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



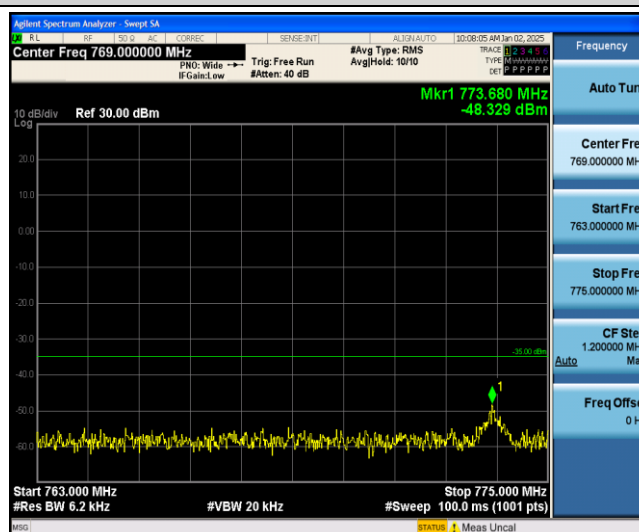
Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



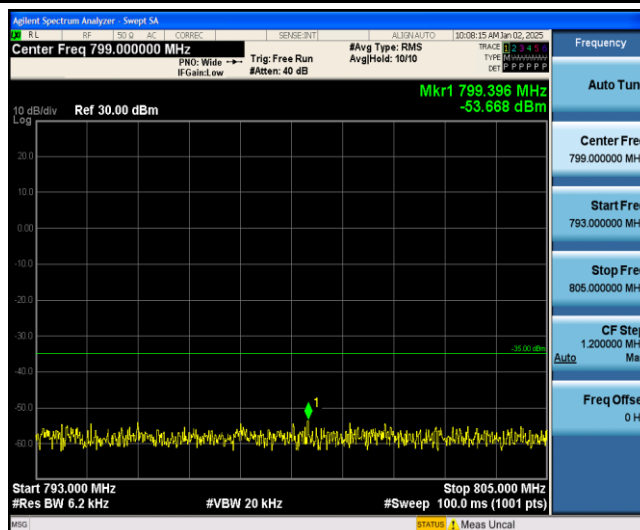
Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



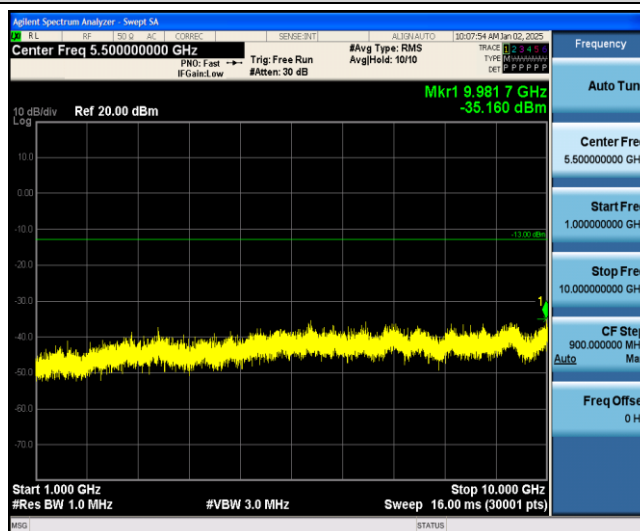
Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



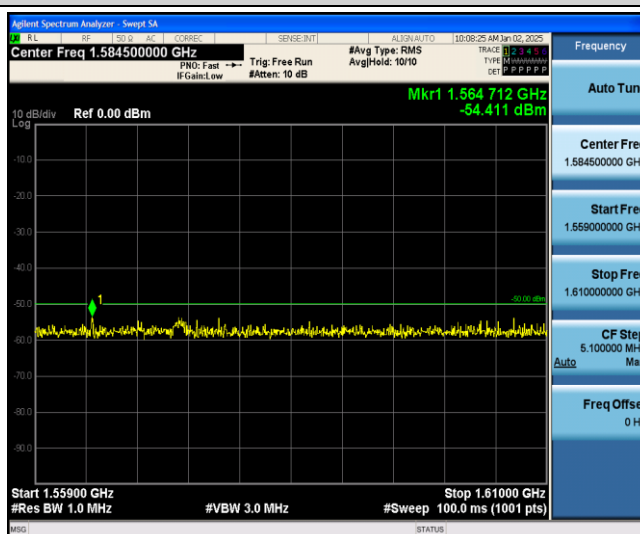
Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-26.82	-0.034407	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-18.26	-0.023425	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-29.36	-0.037665	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	16.09	0.020575	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	25.68	0.032839	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	22.29	0.028504	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-6.25	-0.007967	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	19.41	0.024742	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-17.95	-0.022881	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	16.20	0.020783	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-2.42	-0.003105	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	20.77	0.026645	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	25.35	0.032417	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	25.45	0.032545	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	18.27	0.023363	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-4.23	-0.005392	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-17.71	-0.022575	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	3.36	0.004283	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-31.79	-0.040783	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-3.40	-0.004362	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-8.25	-0.010584	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-7.59	-0.009737	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-7.95	-0.010199	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	28.02	0.035831	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	11.56	0.014783	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	16.57	0.021189	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	25.72	0.032890	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	12.43	0.015895	±2.5	PASS

Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-25.65	-0.032696	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-28.07	-0.035781	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-29.58	-0.037706	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-12.28	-0.015653	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-13.76	-0.017540	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	21.75	0.027903	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	23.77	0.030494	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-2.13	-0.002733	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	8.86	0.011366	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	17.90	0.022963	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	29.38	0.037570	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	19.71	0.025205	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	11.73	0.015000	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	25.07	0.032059	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	11.76	0.015038	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	9.16	0.011676	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	13.38	0.017055	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	15.06	0.019197	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	18.67	0.023799	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	23.69	0.030198	±2.5	PASS