FCC LTE Band Test Data

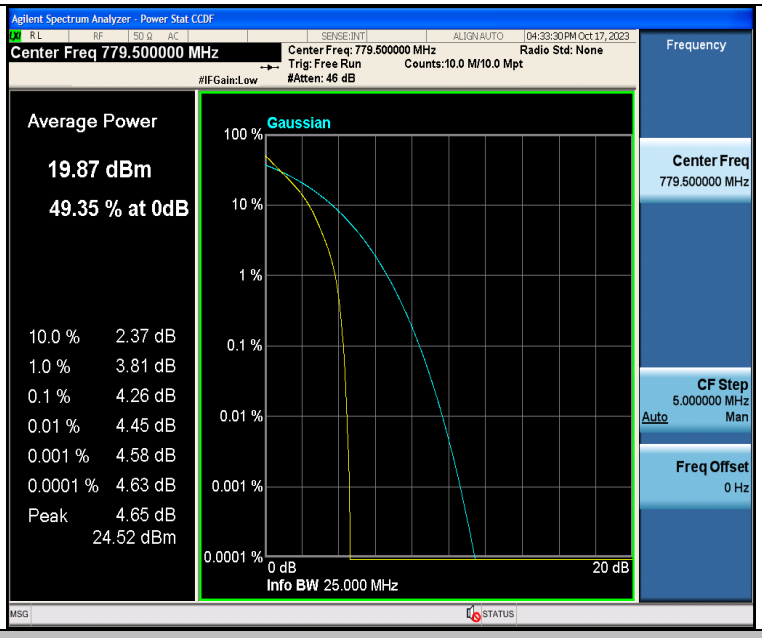
FCC ID	:	**2A9LJ-ME61**
Company:	:	**Meferi Technologies Co.,Ltd.**
EUT	:	**Mobile Computer**
Model Number	:	**ME61**
Reviewed By	:	**Eric Wang**

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

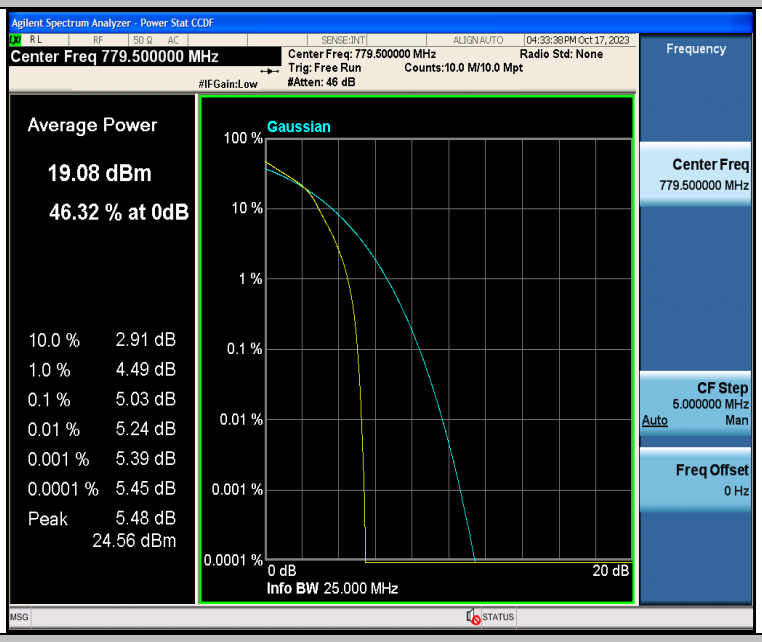
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.26	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.03	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.24	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.08	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.46	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.38	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.45	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.30	13	PASS

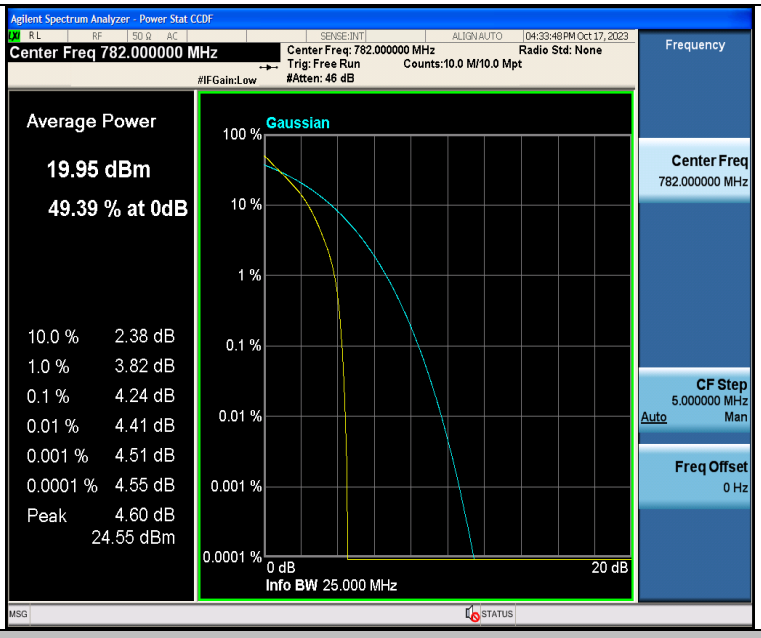
Test Graphs



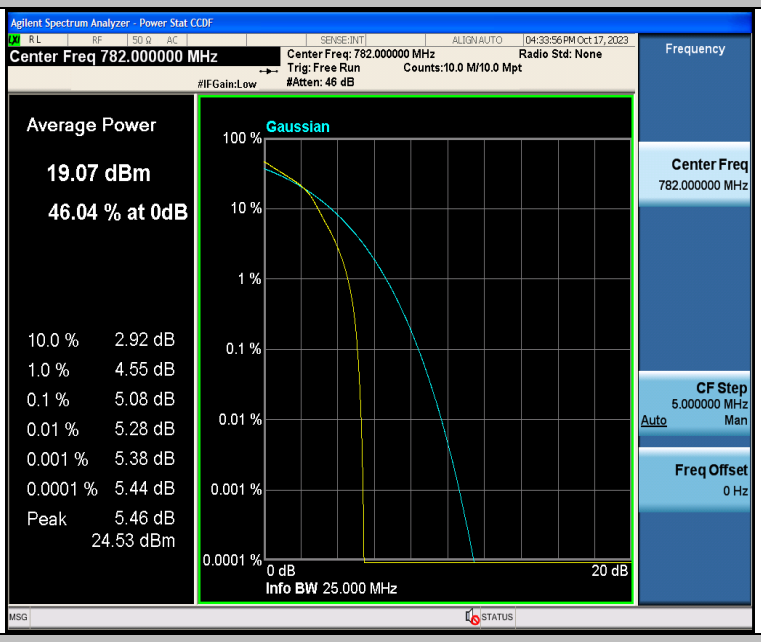
Band13-5MHz-QPSK-23205-25RB#0-PASS



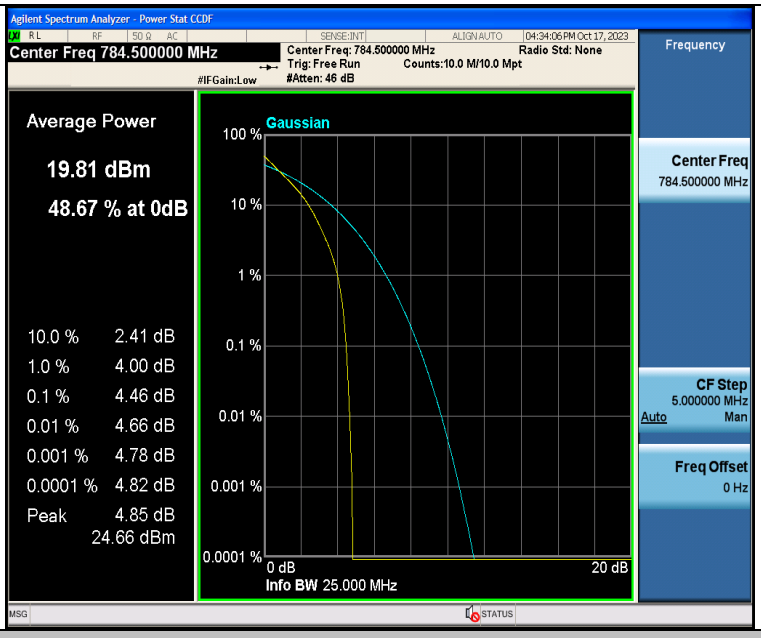
Band13-5MHz-16QAM-23205-25RB#0-PASS



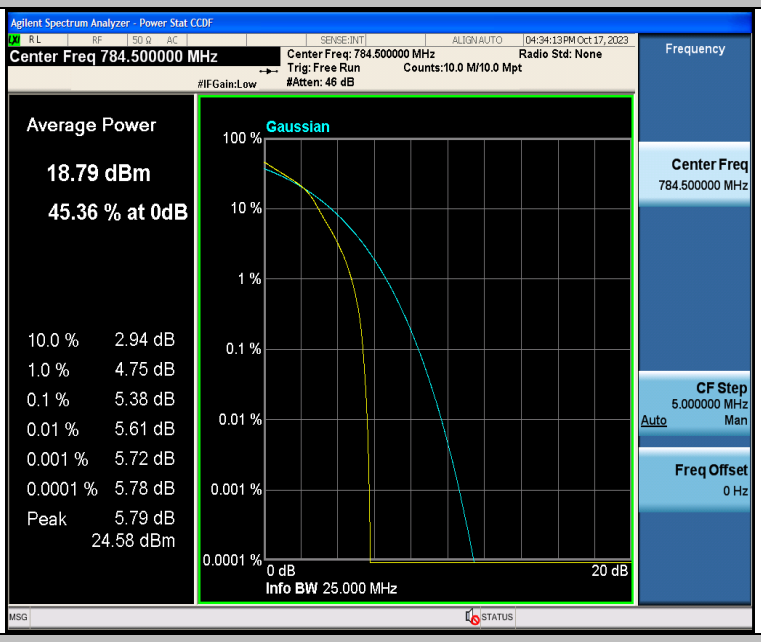
Band13-5MHz-QPSK-23230-25RB#0-PASS



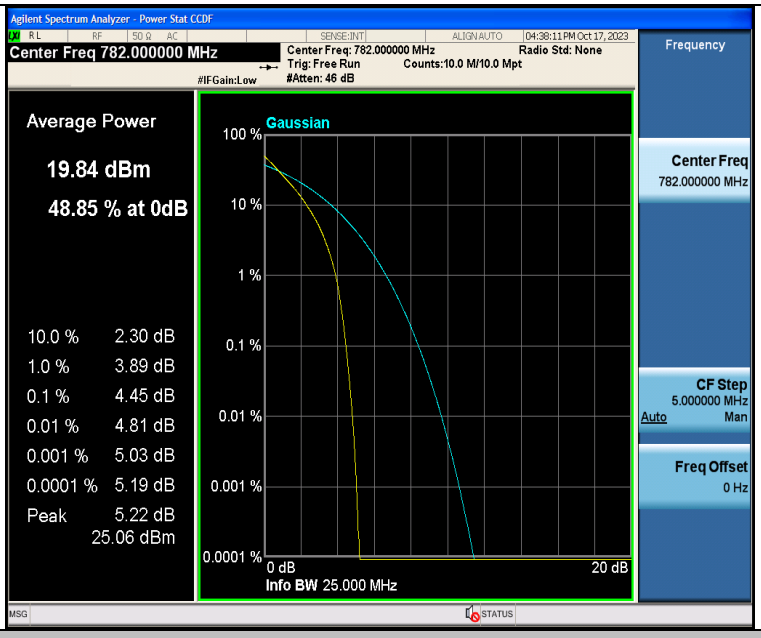
Band13-5MHz-16QAM-23230-25RB#0-PASS



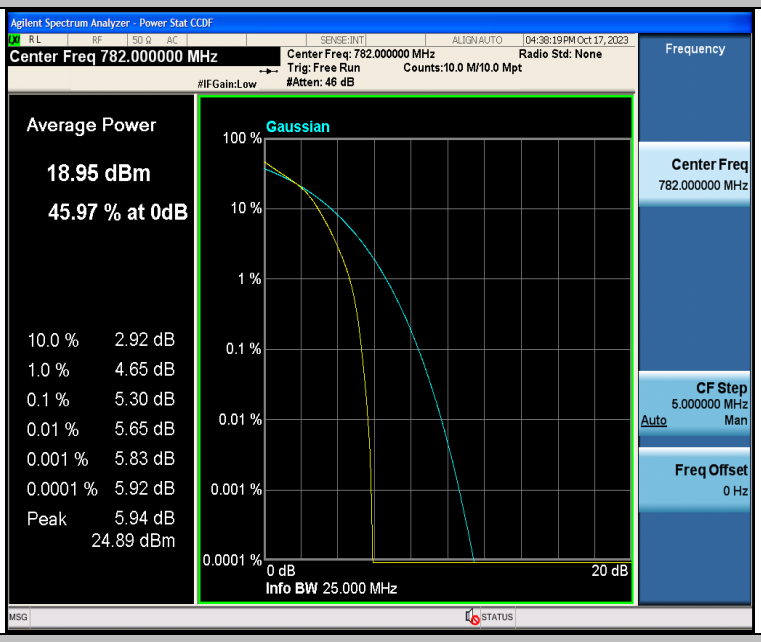
Band13-5MHz-QPSK-23255-25RB#0-PASS



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



Band13-10MHz-QPSK-23230-50RB#0-PASS



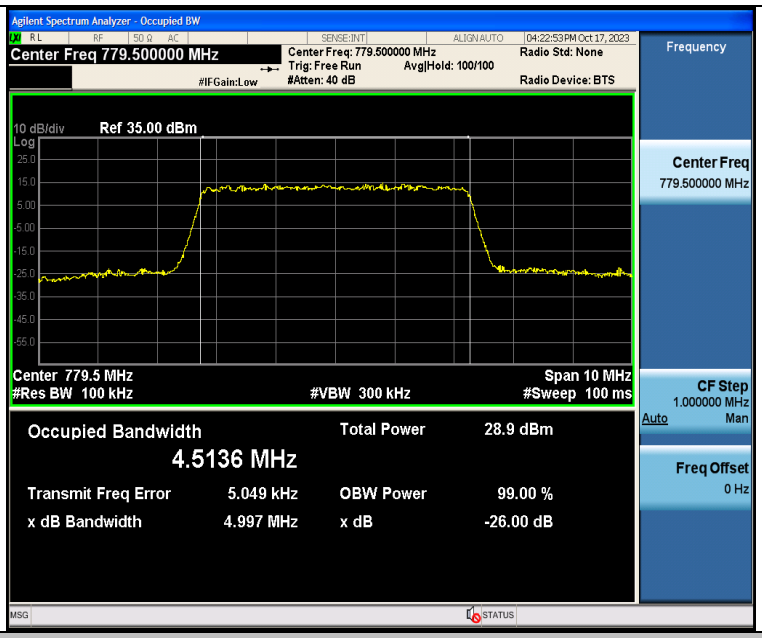
Band13-10MHz-16QAM-23230-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

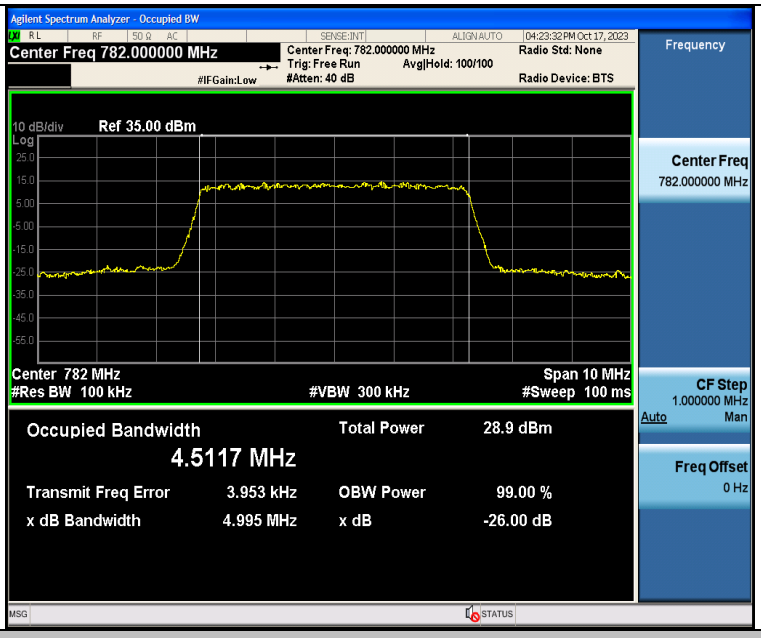
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5136	4.997	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4917	4.954	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5117	4.995	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4925	4.961	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5083	5.000	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4935	4.986	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9650	9.887	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9677	9.871	PASS

Test Graphs



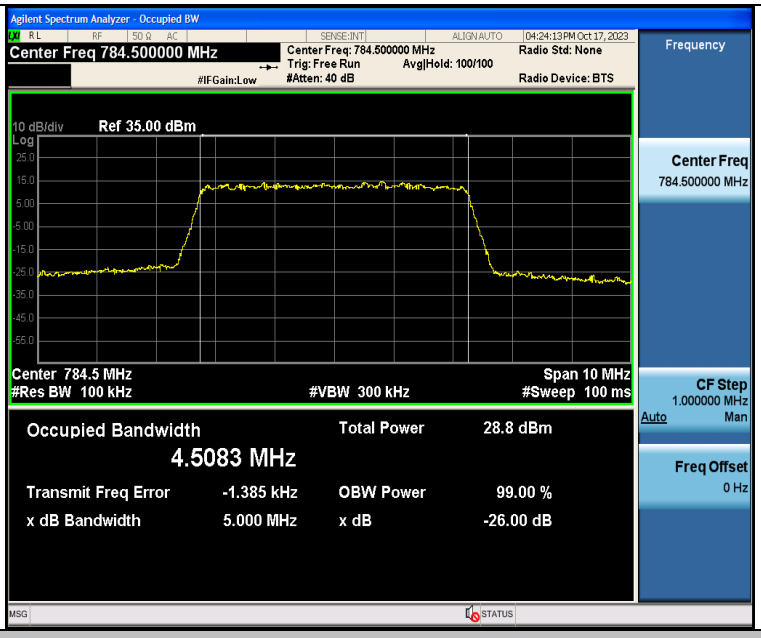
Band13-5MHz-QPSK-23205-25RB#0-PASS

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

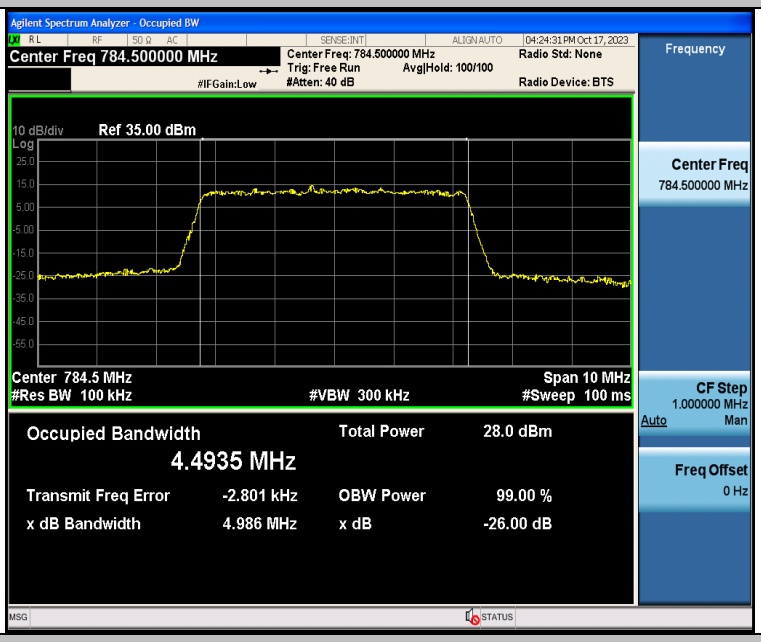


Band13-5MHz-QPSK-23230-25RB#0-PASS

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



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



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

Band13-10MHz-QPSK-23230-50RB#0-PASS

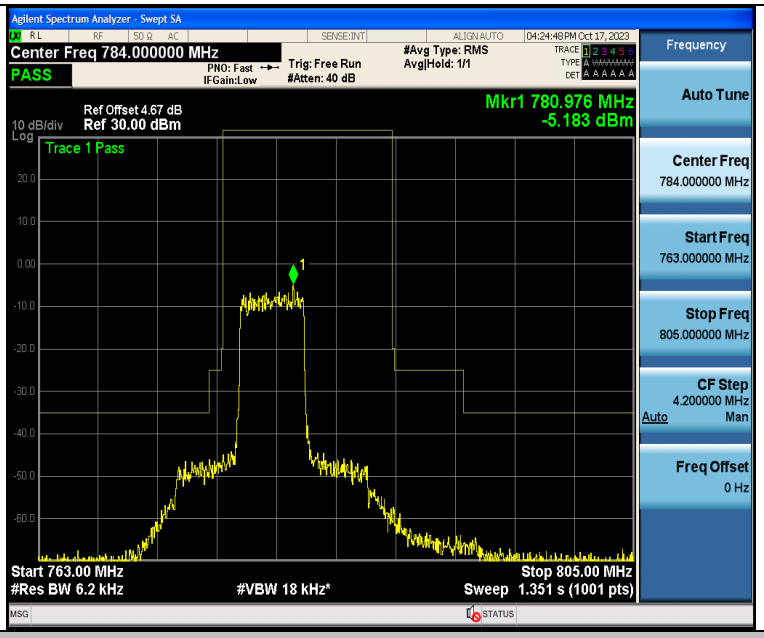
Band13-10MHz-16QAM-23230-50RB#0-PASS

Appendix D: Band Edge

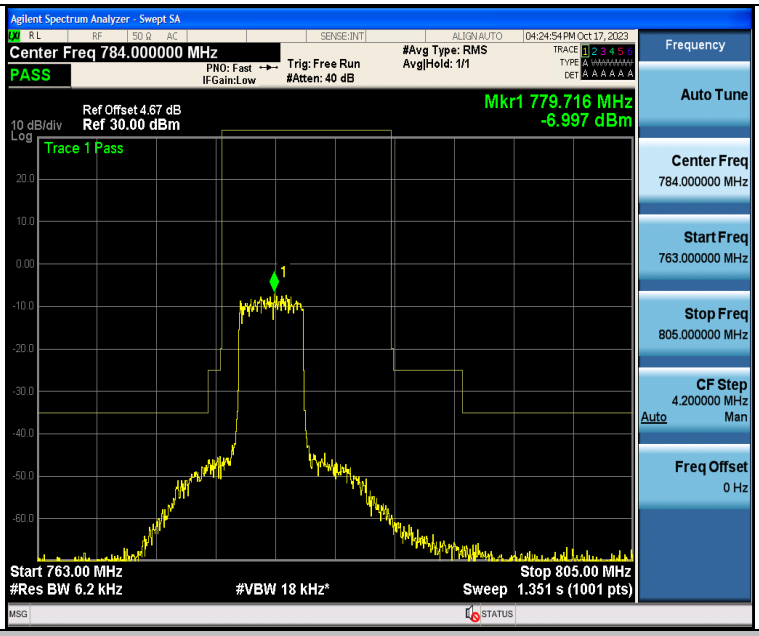
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-46.46	PASS
Band13	5MHz	16QAM	23205	25RB#0	-47.38	PASS
Band13	5MHz	QPSK	23255	25RB#0	-47.67	PASS
Band13	5MHz	16QAM	23255	25RB#0	-47.04	PASS
Band13	10MHz	QPSK	23230	50RB#0	-48.75	PASS
Band13	10MHz	16QAM	23230	50RB#0	-48.75	PASS

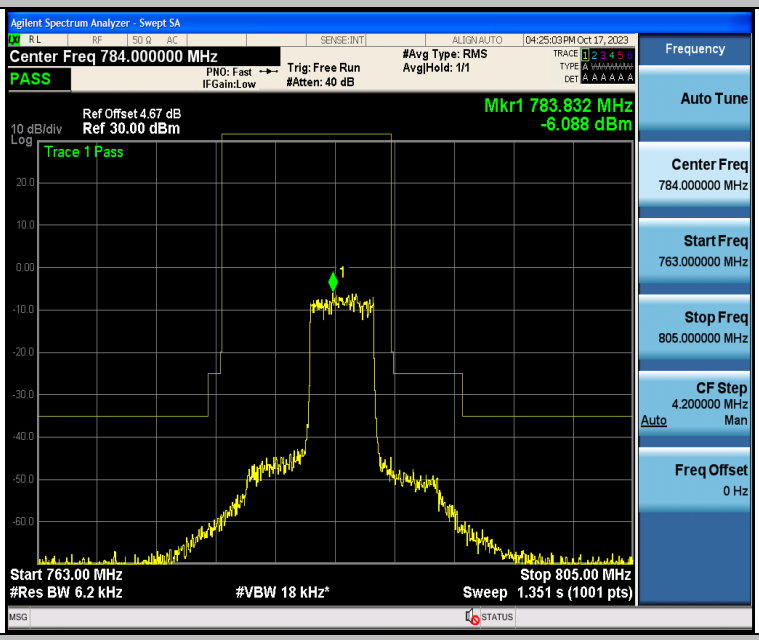
Test Graphs



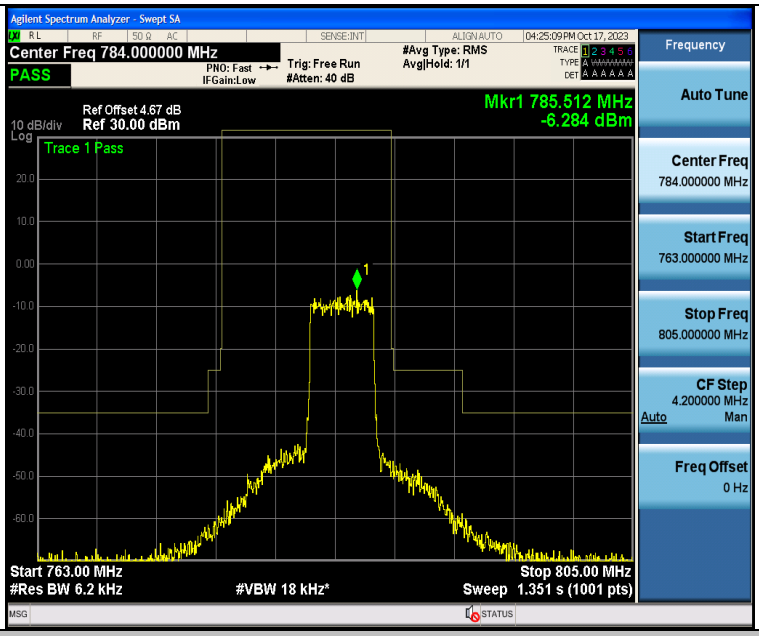
Band13_5MHz_QPSK_23205_25RB#0



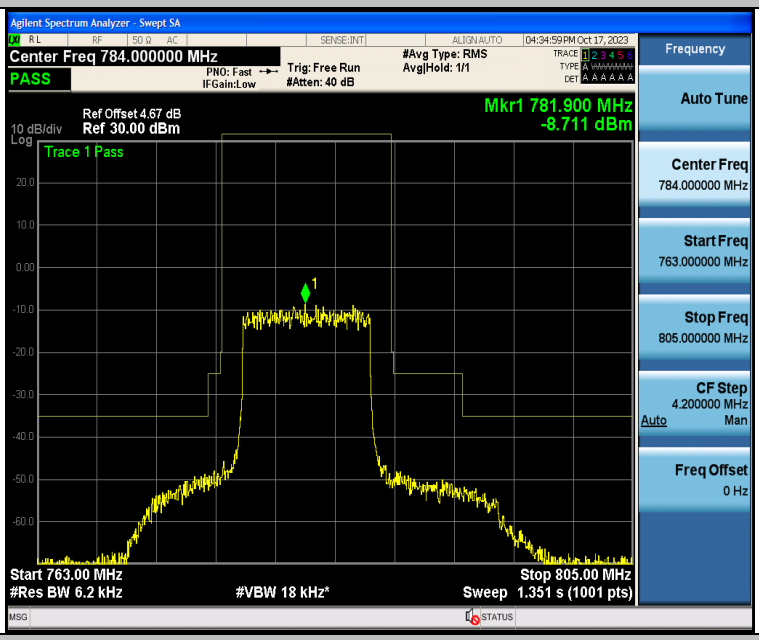
Band13_5MHz_16QAM_23205_25RB#0



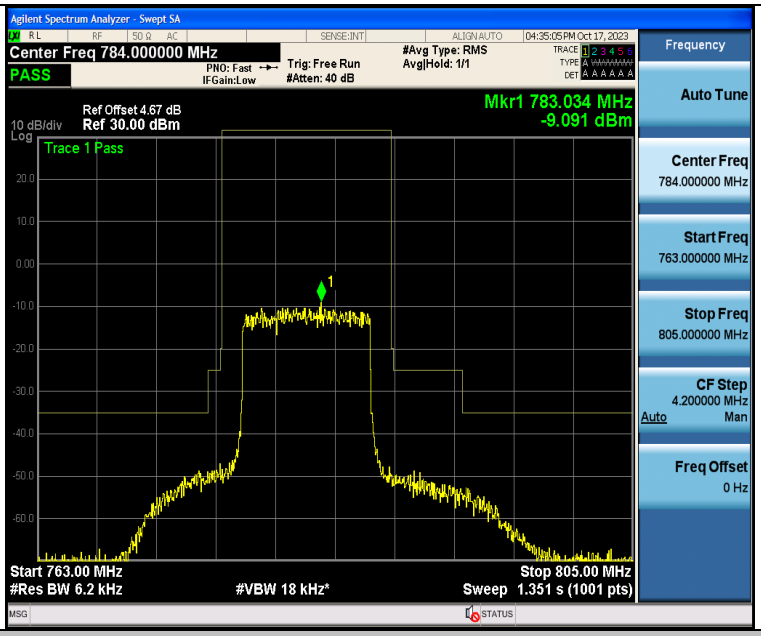
Band13_5MHz_QPSK_23255_25RB#0



Band13_5MHz_16QAM_23255_25RB#0



Band13_10MHz_QPSK_23230_50RB#0



Band13_10MHz_16QAM_23230_50RB#0

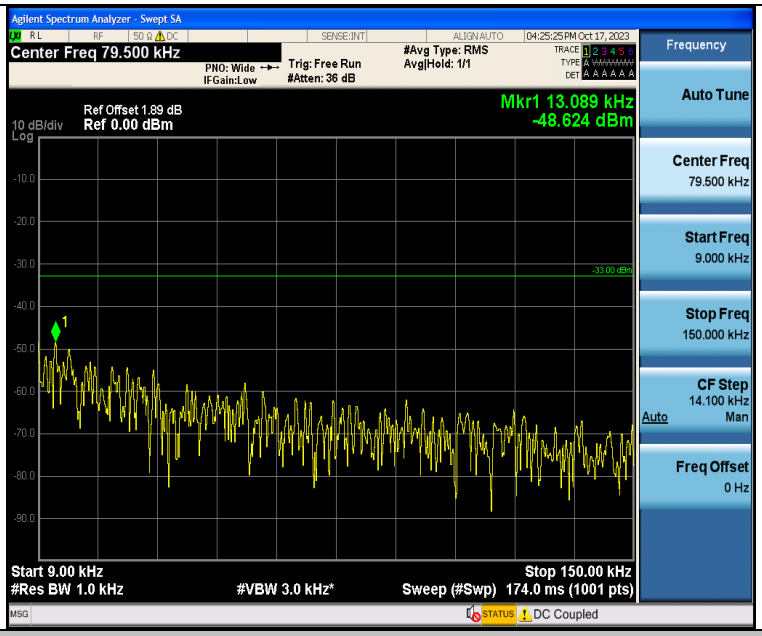
Appendix E: Conducted Spurious Emission

Test Result

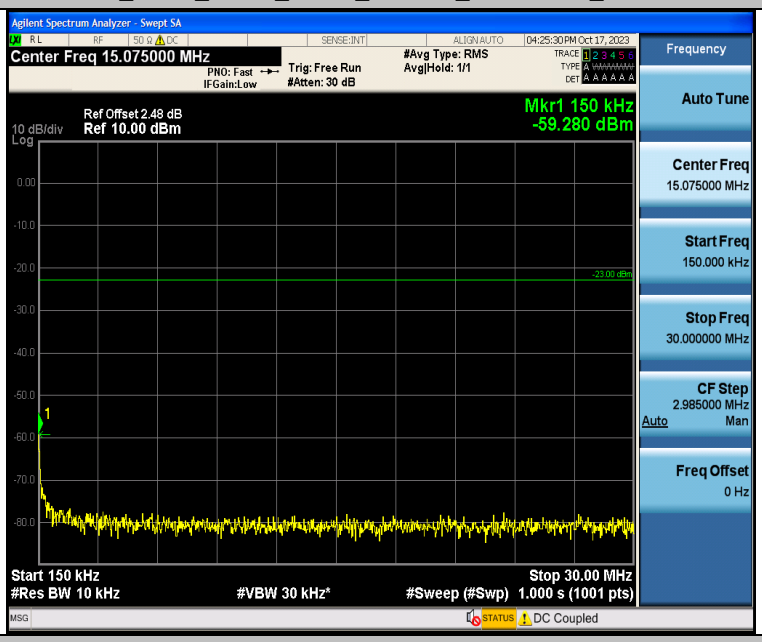
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	0.009~0.15	-48.62	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.15~30	-59.28	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	-54.78	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	-52.78	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	-50.44	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.009~0.15	-45.40	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.15~30	-57.88	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	-57.10	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	-53.03	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	-50.38	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.009~0.15	-46.83	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.15~30	-59.61	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	-55.84	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	-53.08	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	-50.28	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.009~0.15	-48.99	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.15~30	-58.37	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	-58.83	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	-52.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	-50.57	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.009~0.15	-48.31	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.15~30	-58.58	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	-58.85	PASS
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	-50.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	-49.85	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.009~0.15	-45.54	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.15~30	-58.70	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	-60.76	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	-52.92	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	-49.86	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.009~0.15	-46.91	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.15~30	-57.49	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	-64.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	-52.56	PASS
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	-50.65	PASS
Band13	10MHz	16QAM	23230	50RB#0	0.009~0.15	-44.75	PASS

Band13	10MHz	16QAM	23230	50RB#0	0.15~30	-58.10	PASS
Band13	10MHz	16QAM	23230	50RB#0	30~1000	-64.76	PASS
Band13	10MHz	16QAM	23230	50RB#0	1000~3000	-52.99	PASS
Band13	10MHz	16QAM	23230	50RB#0	3000~10000	-49.68	PASS

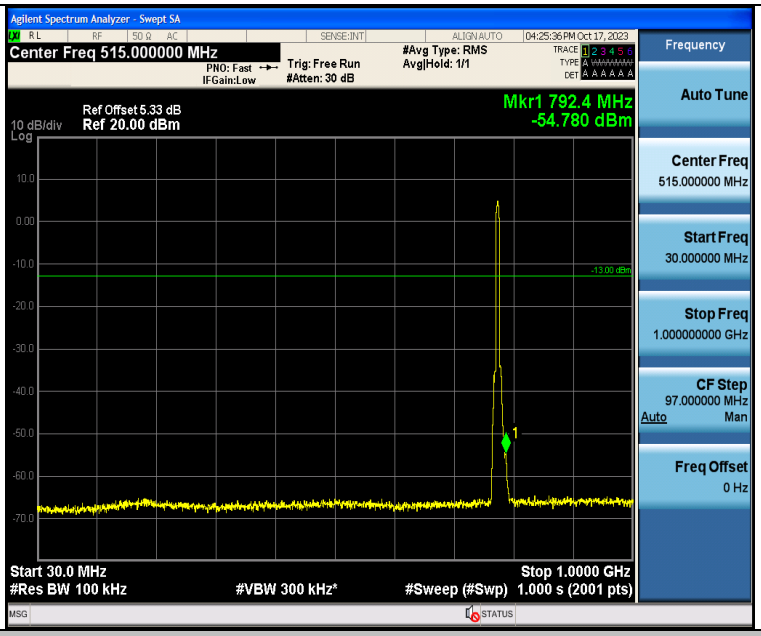
Test Graphs



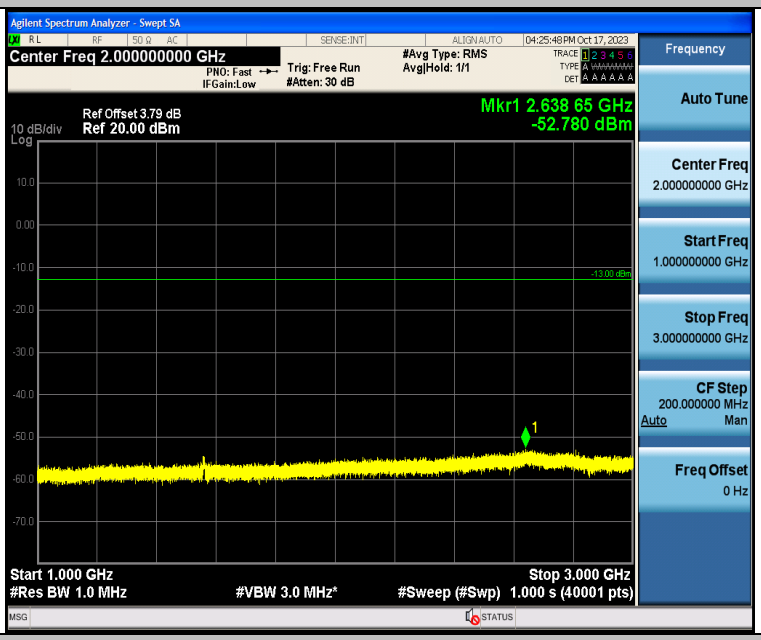
Band13_5MHz_QPSK_23205_25RB#0_0.009~0.15_0.009~0.15



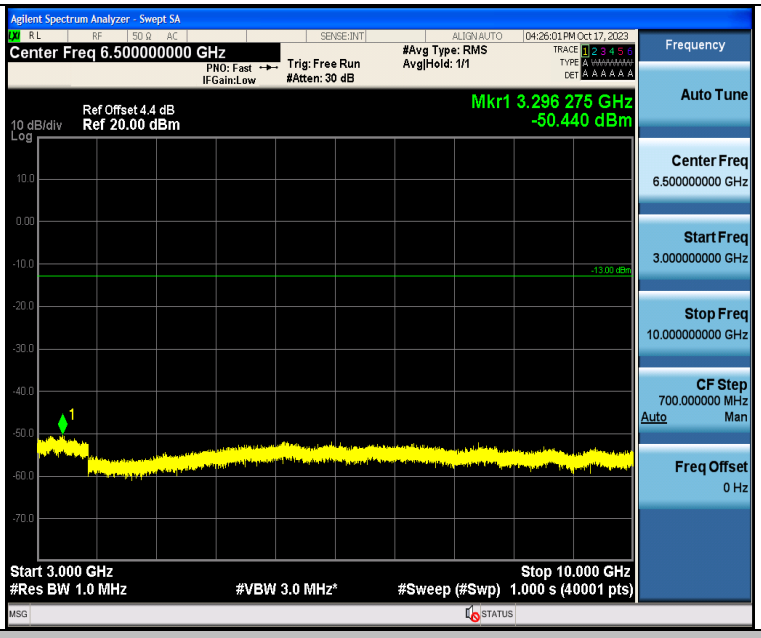
Band13_5MHz_QPSK_23205_25RB#0_0.15~30_0.15~30



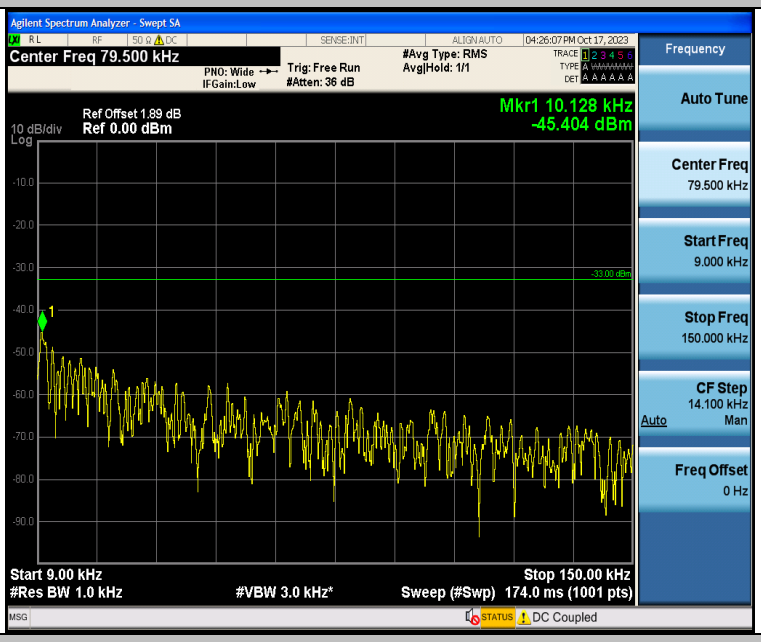
Band13_5MHz_QPSK_23205_25RB#0_30~1000_30~1000



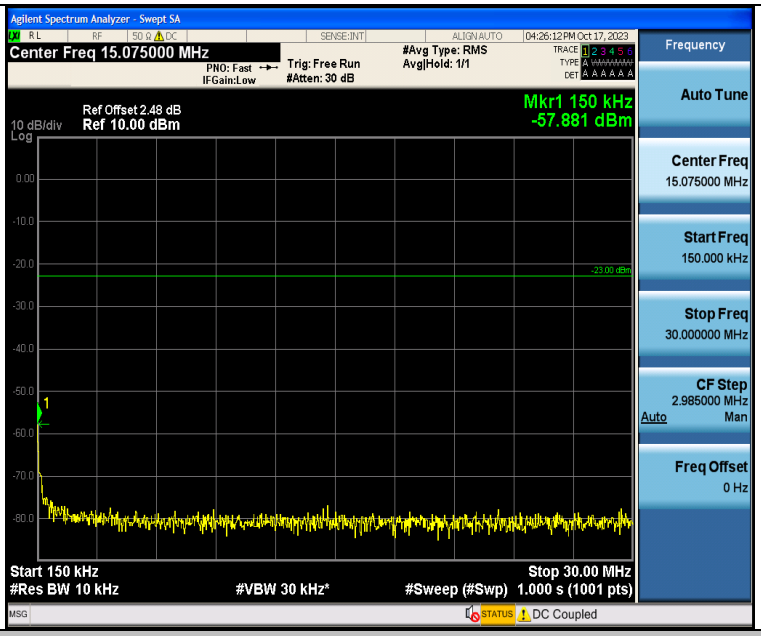
Band13_5MHz_QPSK_23205_25RB#0_1000~3000_1000~3000



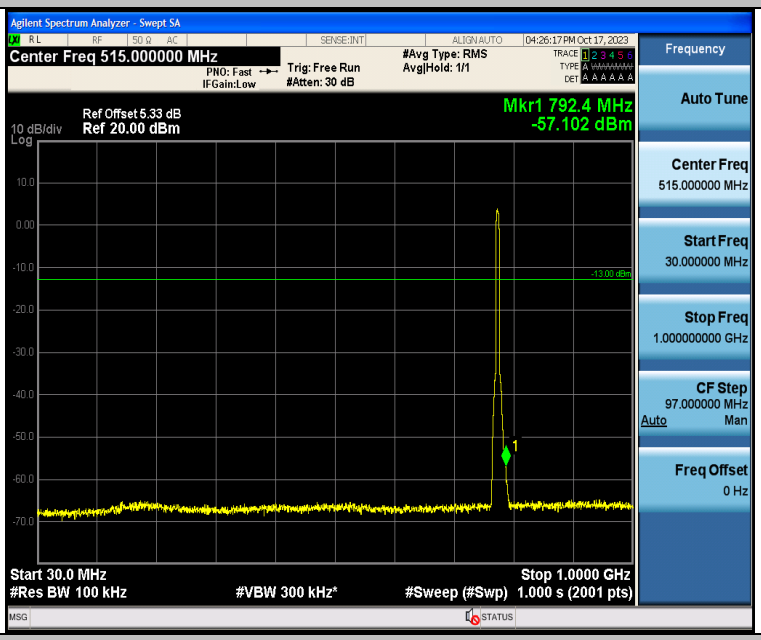
Band13_5MHz_QPSK_23205_25RB#0_3000~10000_3000~10000



Band13_5MHz_16QAM_23205_25RB#0_0.009~0.15_0.009~0.15

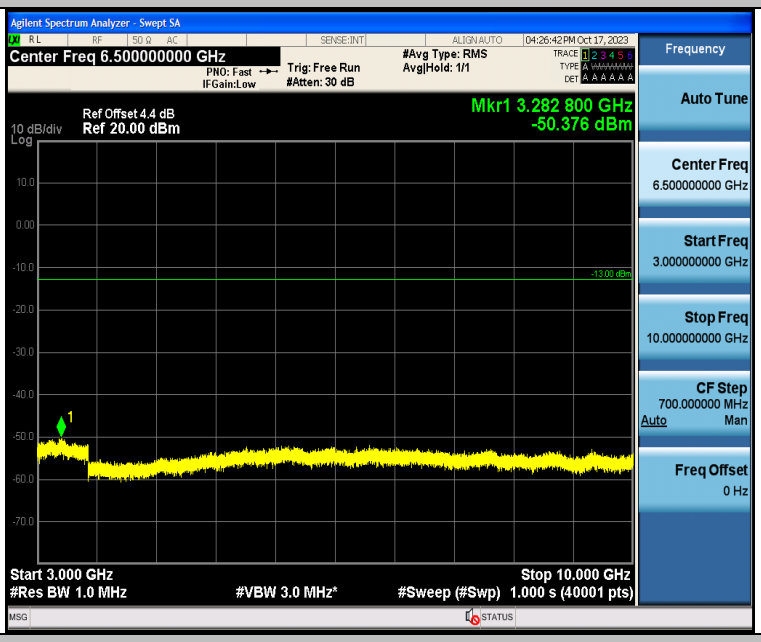


Band13_5MHz_16QAM_23205_25RB#0_0.15~30_0.15~30

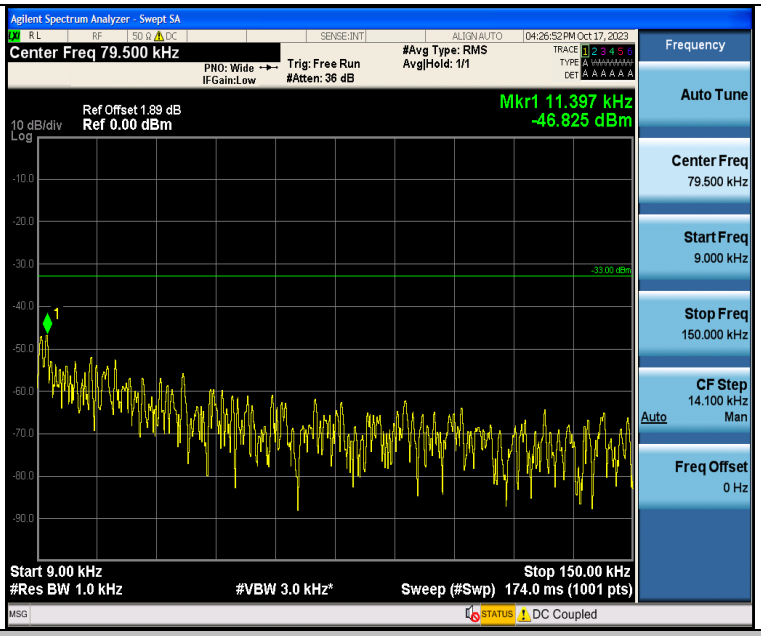


Band13_5MHz_16QAM_23205_25RB#0_30~1000_30~1000

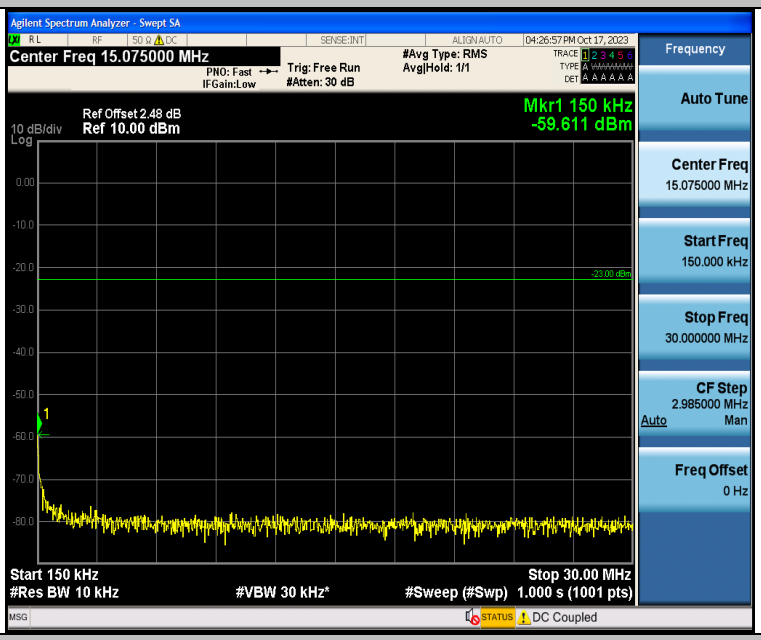
Band13_5MHz_16QAM_23205_25RB#0_1000~3000_1000~3000



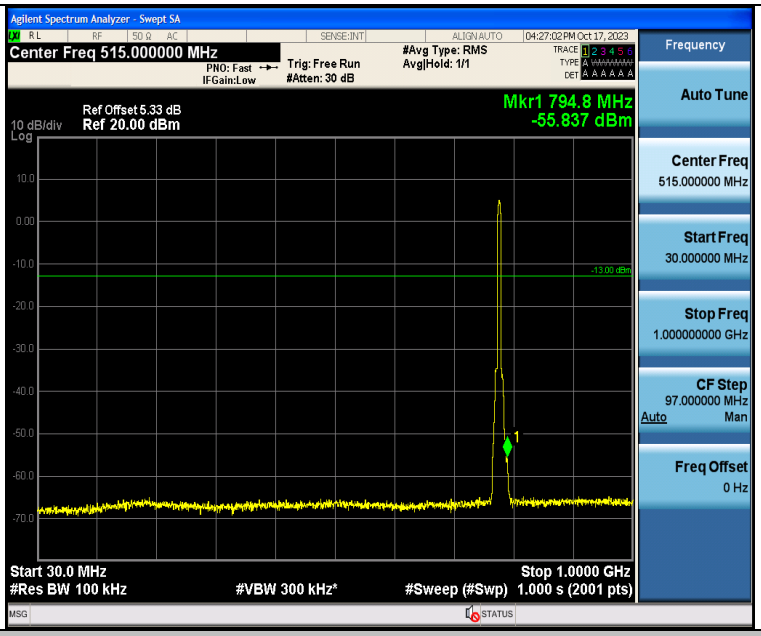
Band13_5MHz_16QAM_23205_25RB#0_3000~10000_3000~10000



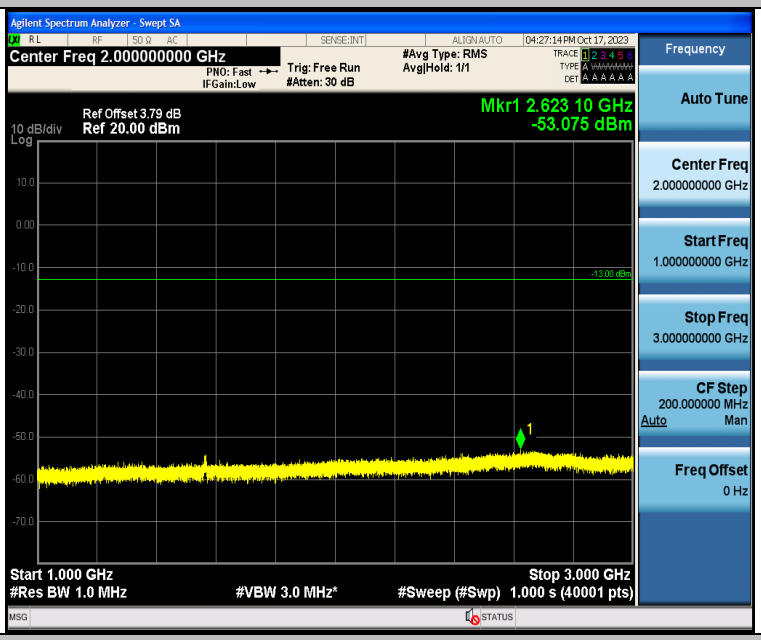
Band13_5MHz_QPSK_23230_25RB#0_0.009~0.15_0.009~0.15



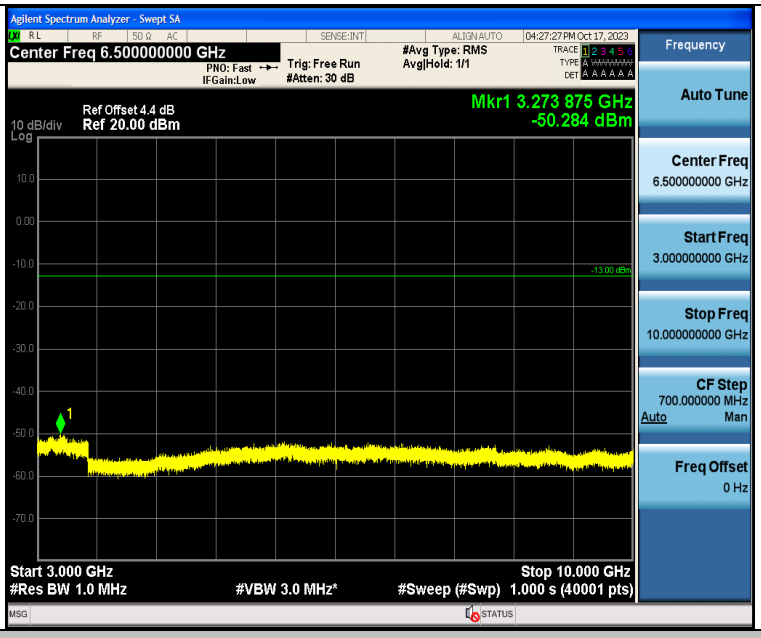
Band13_5MHz_QPSK_23230_25RB#0_0.15~30_0.15~30



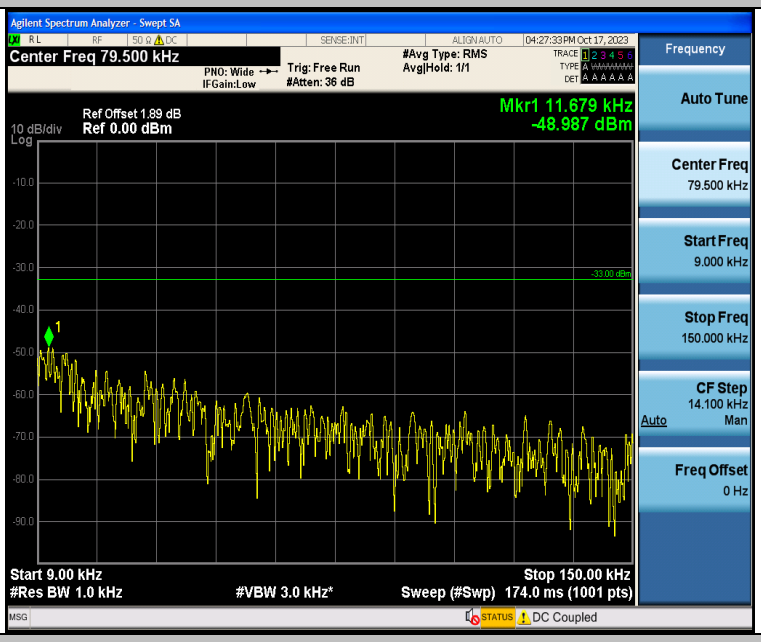
Band13_5MHz_QPSK_23230_25RB#0_30~1000_30~1000



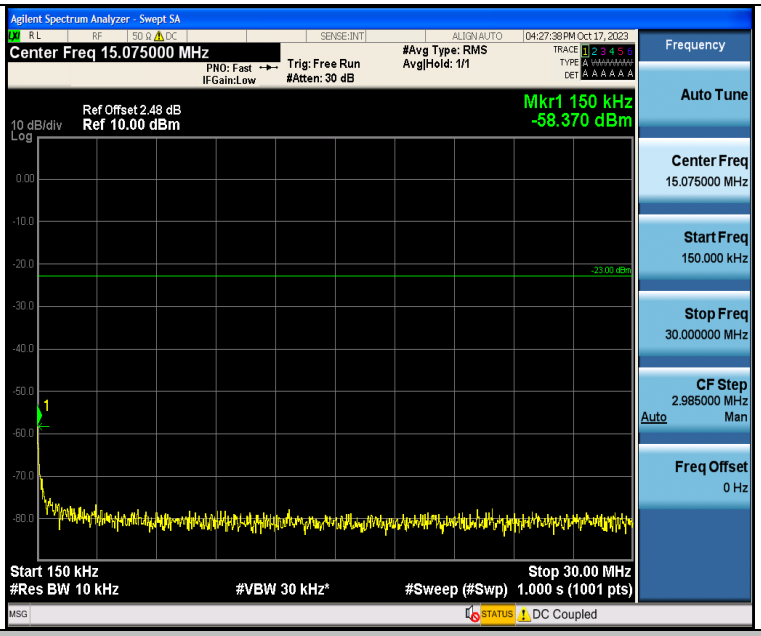
Band13_5MHz_QPSK_23230_25RB#0_1000~3000_1000~3000



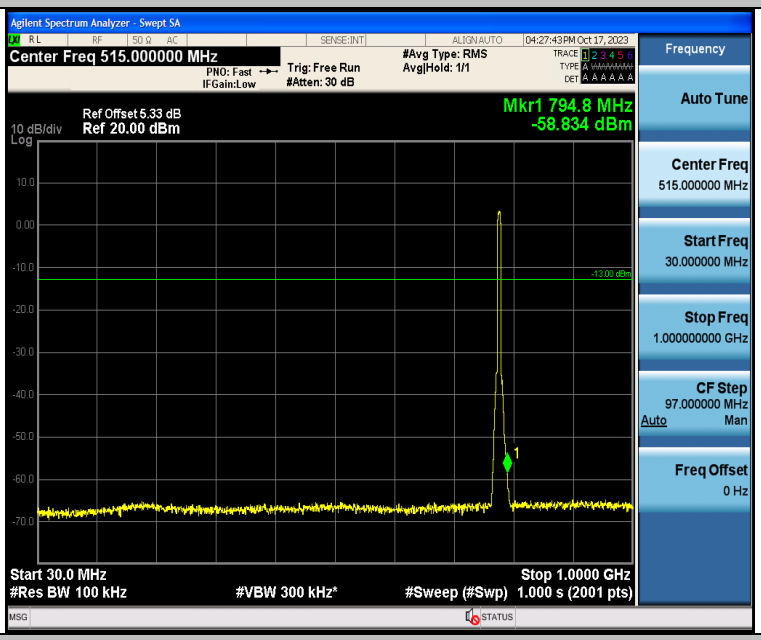
Band13_5MHz_QPSK_23230_25RB#0_3000~10000_3000~10000



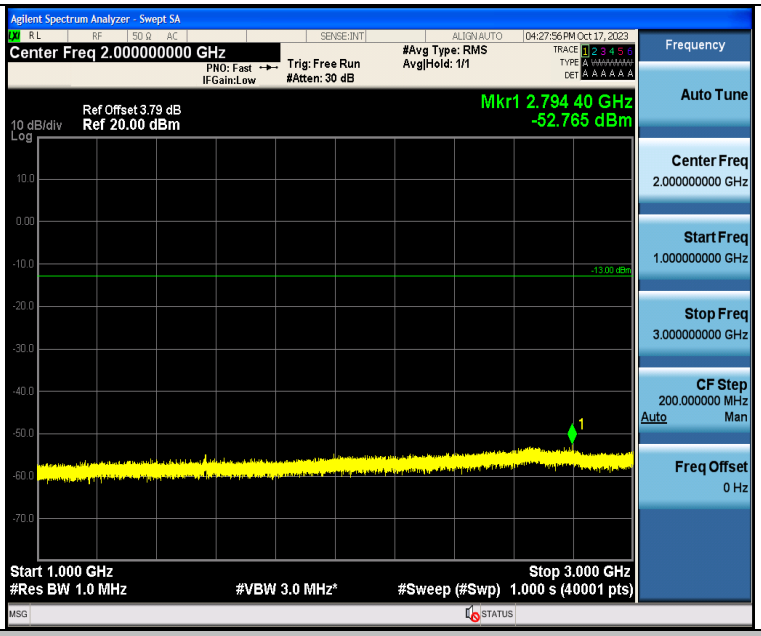
Band13_5MHz_16QAM_23230_25RB#0_0.009~0.15_0.009~0.15



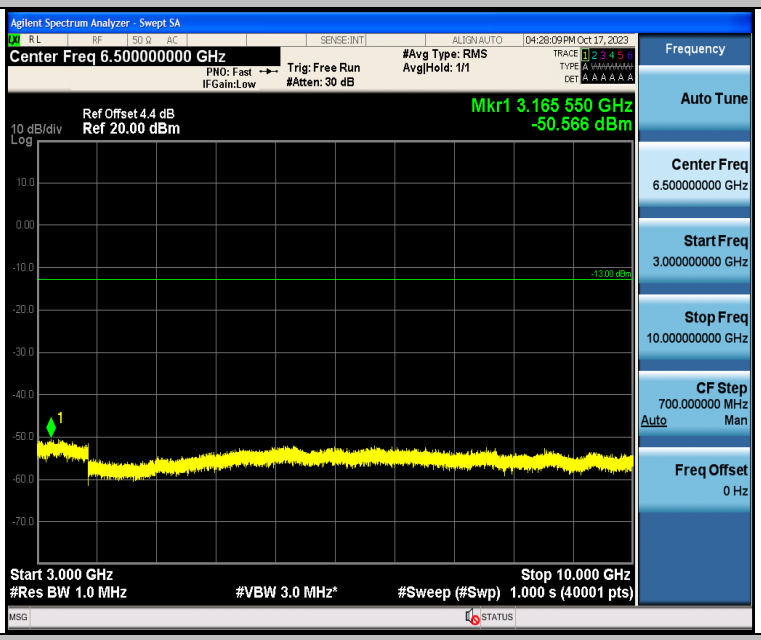
Band13_5MHz_16QAM_23230_25RB#0_0.15~30_0.15~30



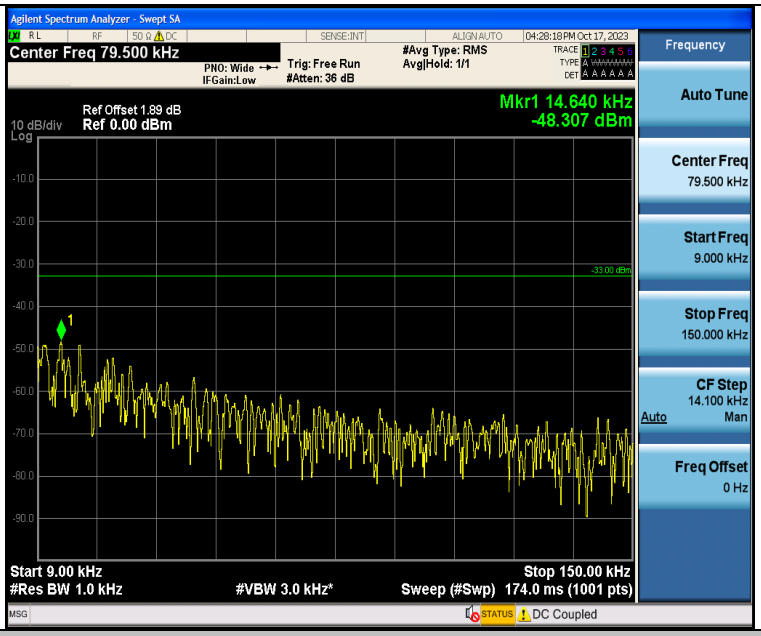
Band13_5MHz_16QAM_23230_25RB#0_30~1000_30~1000



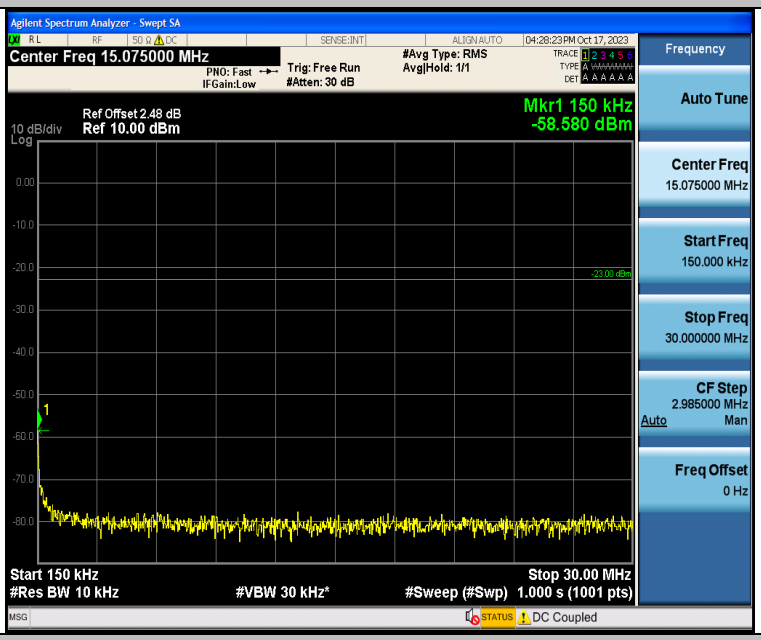
Band13_5MHz_16QAM_23230_25RB#0_1000~3000_1000~3000



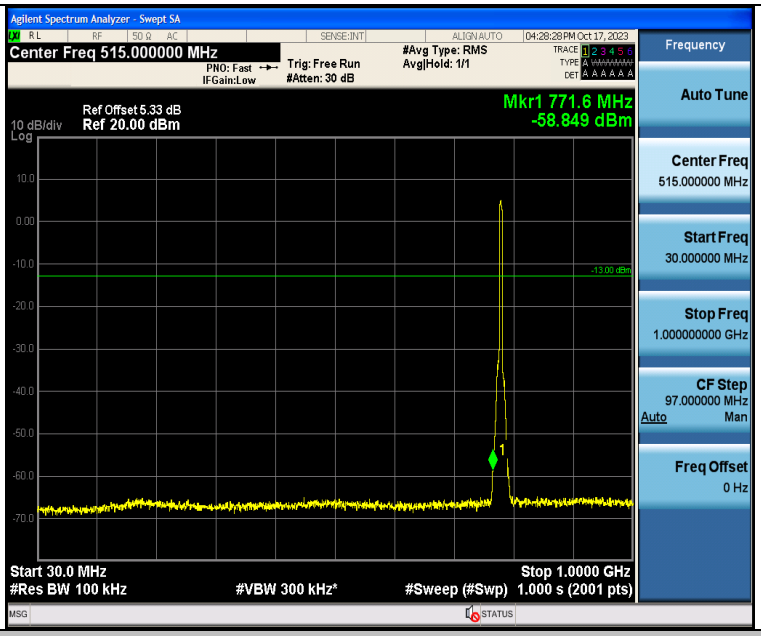
Band13_5MHz_16QAM_23230_25RB#0_3000~10000_3000~10000



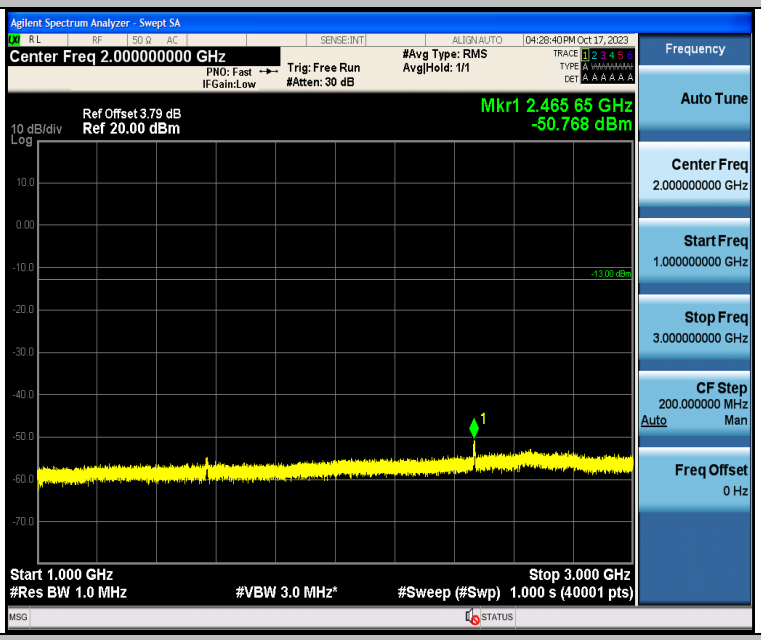
Band13_5MHz_QPSK_23255_25RB#0_0.009~0.15_0.009~0.15



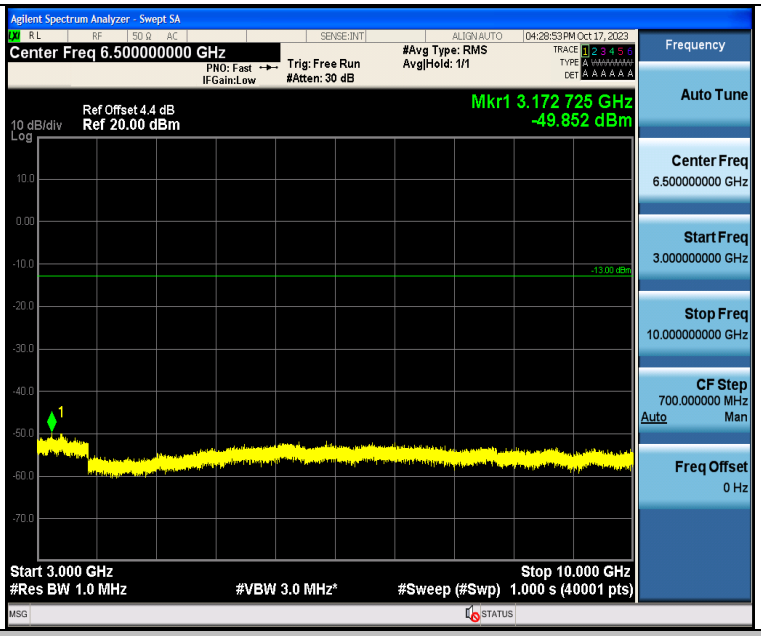
Band13_5MHz_QPSK_23255_25RB#0_0.15~30_0.15~30



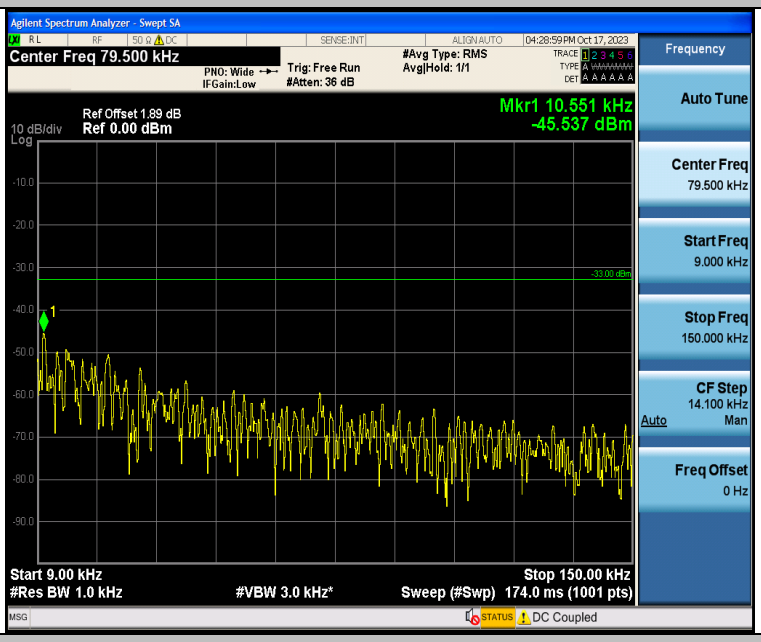
Band13_5MHz_QPSK_23255_25RB#0_30~1000_30~1000



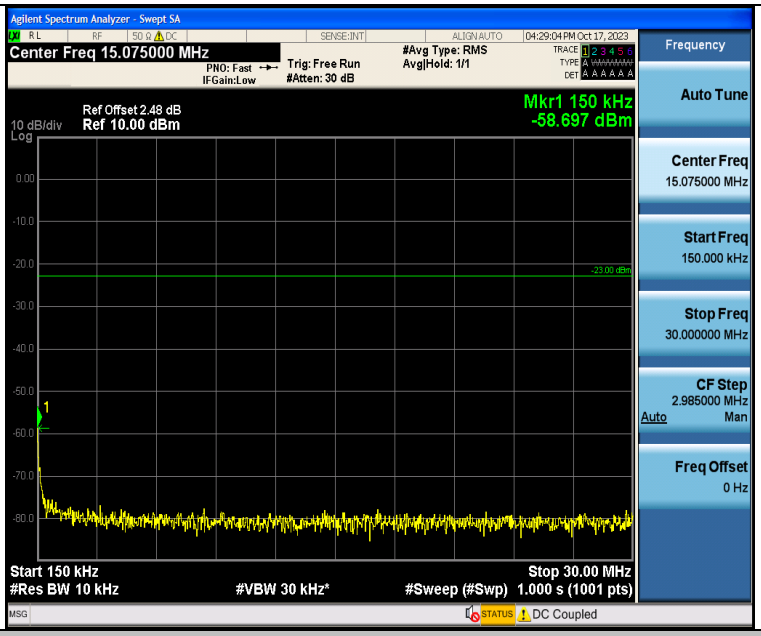
Band13_5MHz_QPSK_23255_25RB#0_1000~3000_1000~3000



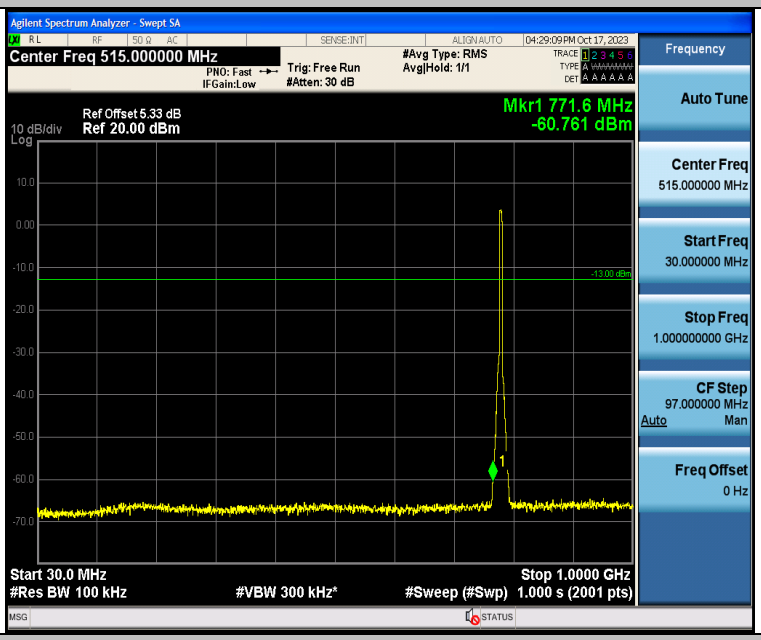
Band13_5MHz_QPSK_23255_25RB#0_3000~10000_3000~10000



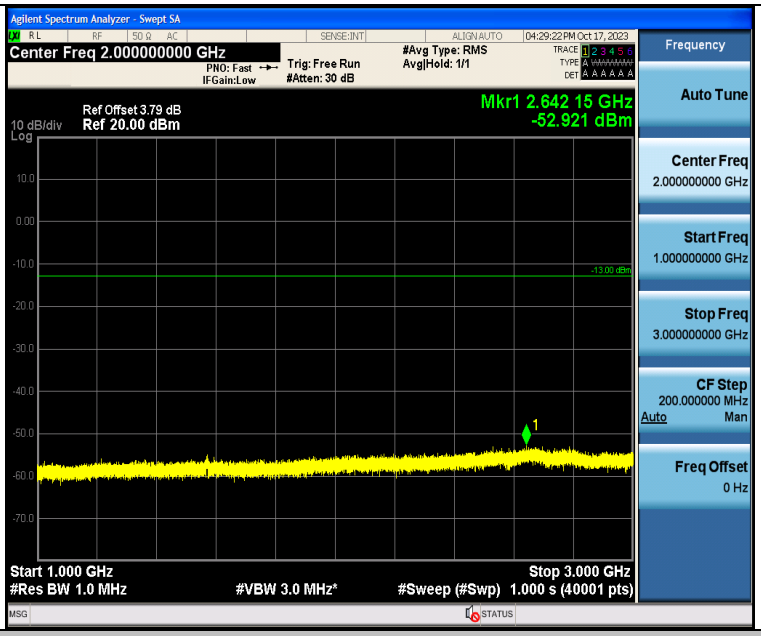
Band13_5MHz_16QAM_23255_25RB#0_0.009~0.15_0.009~0.15



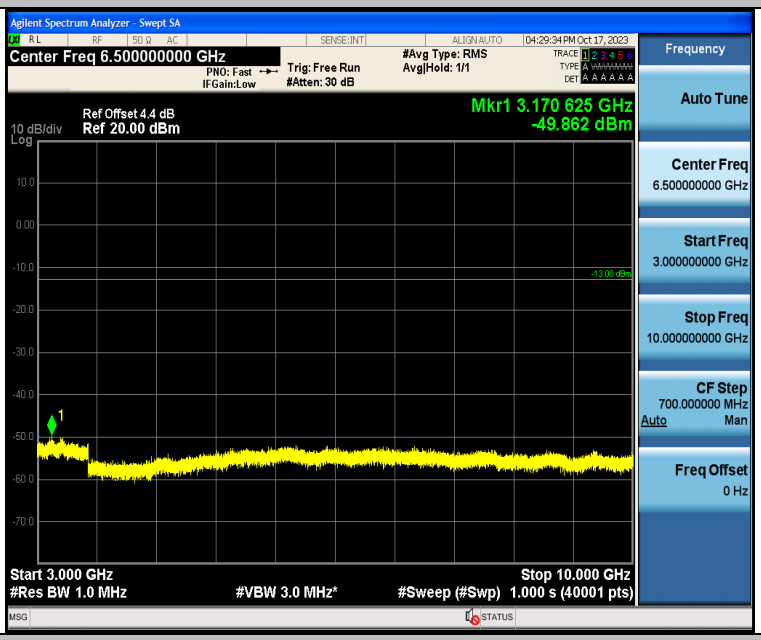
Band13_5MHz_16QAM_23255_25RB#0_0.15~30_0.15~30



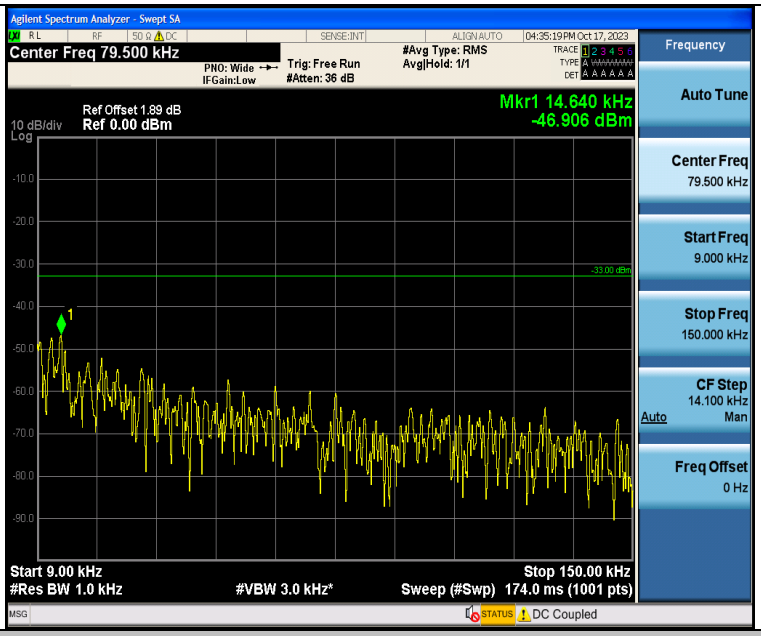
Band13_5MHz_16QAM_23255_25RB#0_30~1000_30~1000



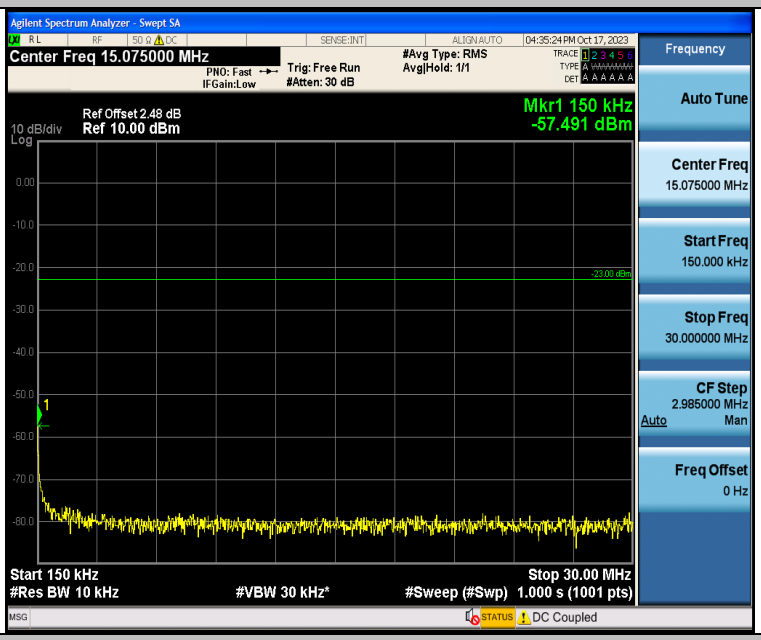
Band13_5MHz_16QAM_23255_25RB#0_1000~3000_1000~3000



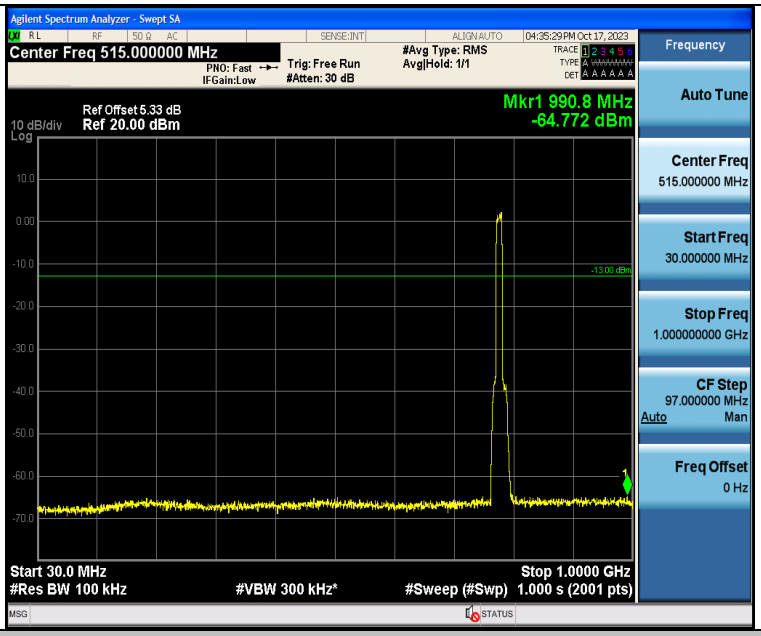
Band13_5MHz_16QAM_23255_25RB#0_3000~10000_3000~10000



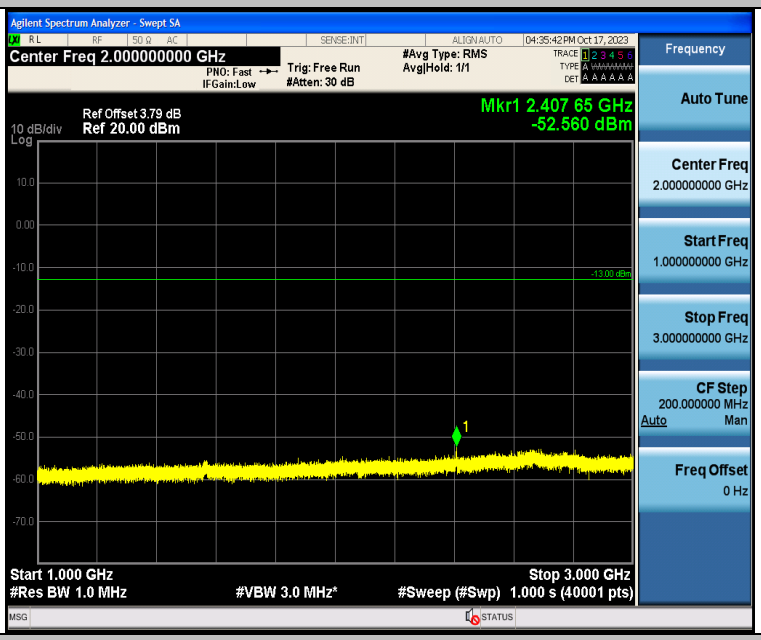
Band13_10MHz_QPSK_23230_50RB#0_0.009~0.15_0.009~0.15



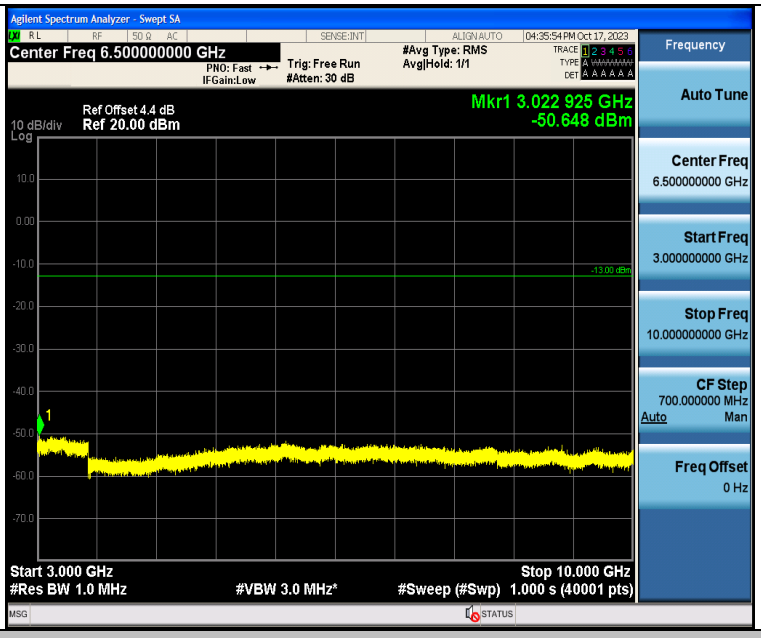
Band13_10MHz_QPSK_23230_50RB#0_0.15~30_0.15~30



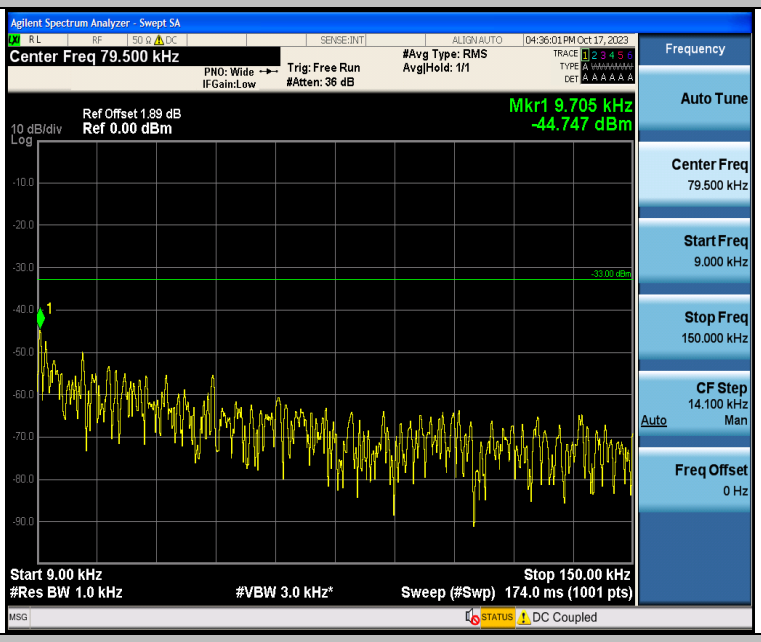
Band13_10MHz_QPSK_23230_50RB#0_30~1000_30~1000



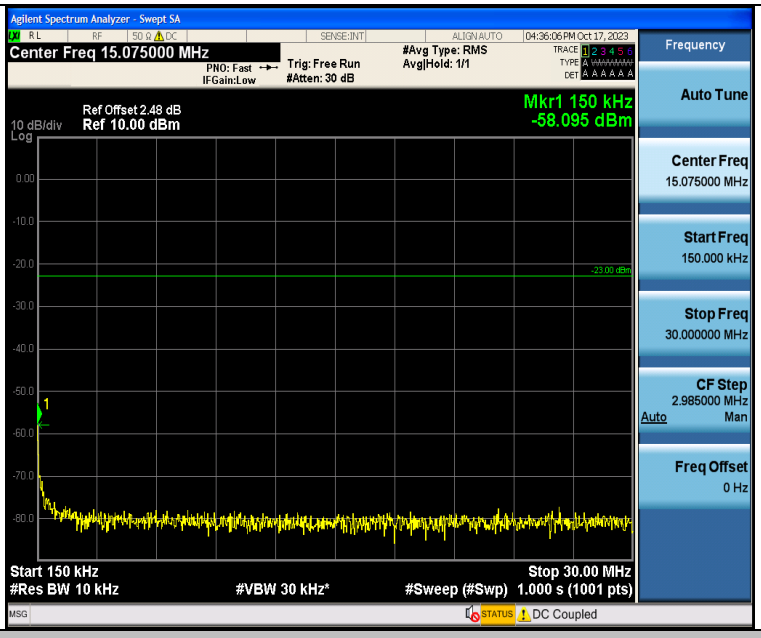
Band13_10MHz_QPSK_23230_50RB#0_1000~3000_1000~3000



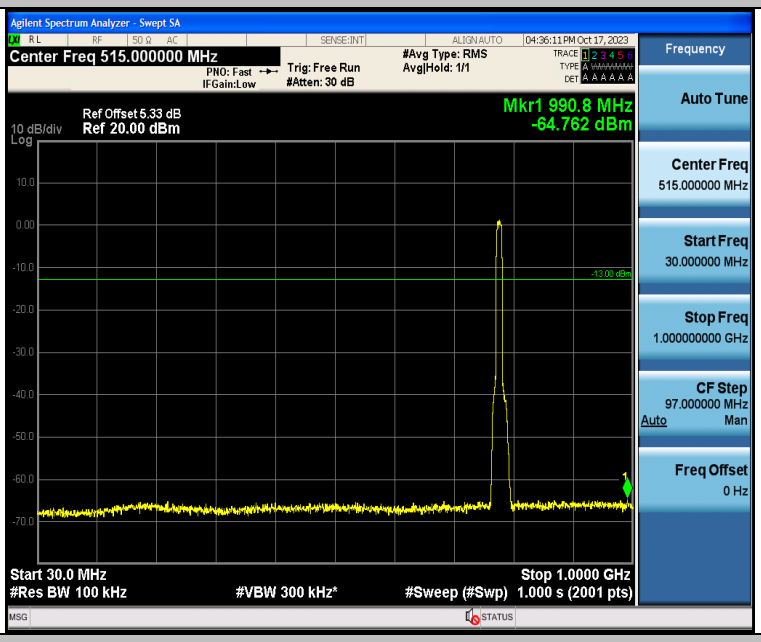
Band13_10MHz_QPSK_23230_50RB#0_3000~10000_3000~10000



Band13_10MHz_16QAM_23230_50RB#0_0.009~0.15_0.009~0.15

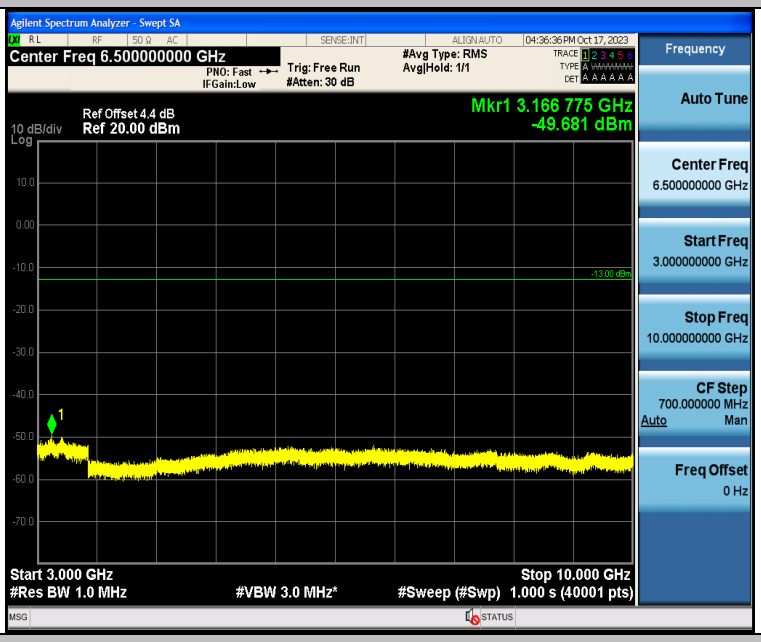


Band13_10MHz_16QAM_23230_50RB#0_0.15~30_0.15~30



Band13_10MHz_16QAM_23230_50RB#0_30~1000_30~1000

Band13_10MHz_16QAM_23230_50RB#0_1000~3000_1000~3000



Band13_10MHz_16QAM_23230_50RB#0_3000~10000_3000~10000

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	1.77	0.002271	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	2.32	0.002976	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	2.15	0.002758	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	2.93	0.003759	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	1.39	0.001783	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	2.17	0.002784	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	5.55	0.007097	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-2.33	-0.002980	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	2.50	0.003197	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	4.38	0.005601	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	5.02	0.006419	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	6.62	0.008465	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	4.22	0.005379	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	2.86	0.003646	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	2.40	0.003059	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	3.49	0.004449	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	4.94	0.006297	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	2.69	0.003429	±2.5	PASS

Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2.29	-0.002928	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	2.22	0.002839	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-3.00	-0.003836	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	2.22	0.002839	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	3.35	0.004284	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2.99	0.003824	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	2.89	0.003708	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	3.65	0.004682	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	1.90	0.002437	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	1.40	0.001796	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	2.83	0.003631	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	1.29	0.001655	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-2.50	-0.003207	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	1.73	0.002219	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	2.46	0.003156	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	1.66	0.002130	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	2.72	0.003489	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	1.77	0.002271	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	2.19	0.002809	±2.5	PASS

Band13	5MHz	16QAM	23205	25RB#0	NV	10	2.23	0.002861	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	2.32	0.002976	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-3.36	-0.004310	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-3.16	-0.004054	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-1.85	-0.002373	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	3.45	0.004412	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	3.62	0.004629	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	2.83	0.003619	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	3.13	0.004003	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	2.73	0.003491	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	2.83	0.003619	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	2.68	0.003427	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	4.28	0.005473	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	7.07	0.009041	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	5.14	0.006573	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	4.13	0.005281	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	4.35	0.005563	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	4.63	0.005921	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	2.42	0.003095	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	3.49	0.004463	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	2.57	0.003286	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	2.99	0.003824	±2.5	PAS

										S
Band13	5MHz	16QAM	23230	25RB#0	NV	50	3.06	0.003913	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	3.66	0.004665	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	3.58	0.004563	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	3.78	0.004818	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	1.99	0.002537	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	2.26	0.002881	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	4.89	0.006233	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	4.13	0.005264	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	2.30	0.002932	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	3.75	0.004780	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	3.99	0.005086	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	3.02	0.003850	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	3.59	0.004576	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	5.02	0.006399	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	6.04	0.007699	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	7.48	0.009535	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	5.15	0.006565	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	4.58	0.005838	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	5.75	0.007330	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-2.63	-0.003363	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-1.49	-0.001905	±2.5	PASS

Band13	10MHz	QPSK	23230	50RB#0	NV	-10	1.85	0.002366	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	2.89	0.003696	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-2.49	-0.003184	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	2.98	0.003811	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	3.16	0.004041	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	3.09	0.003951	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	2.13	0.002724	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	3.92	0.005013	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	2.47	0.003159	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	3.13	0.004003	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	2.39	0.003056	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	2.06	0.002634	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	3.93	0.005026	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	3.93	0.005026	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	3.91	0.005000	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	3.20	0.004092	±2.5	PASS