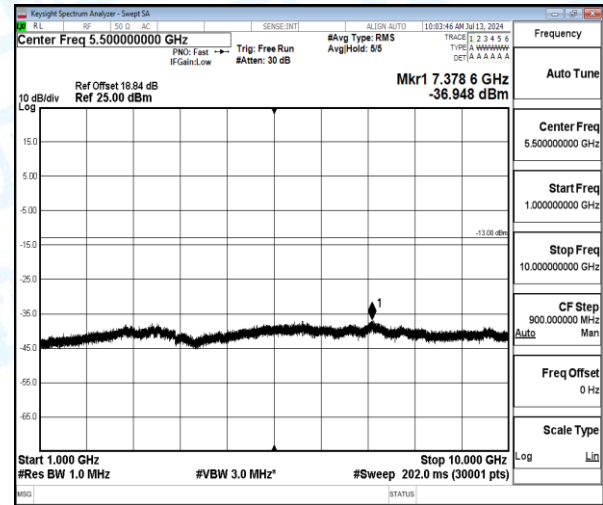
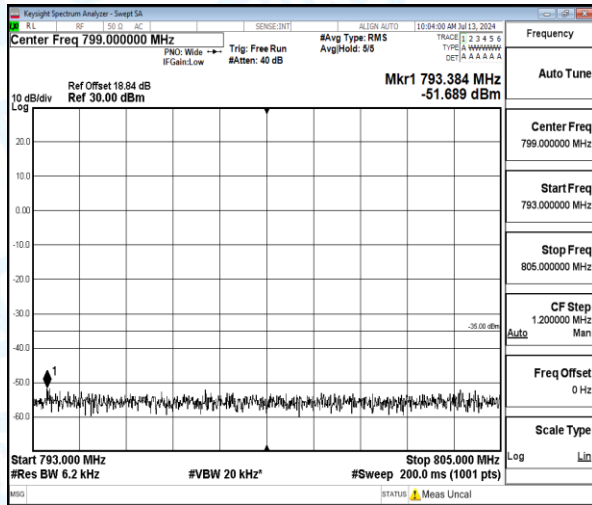
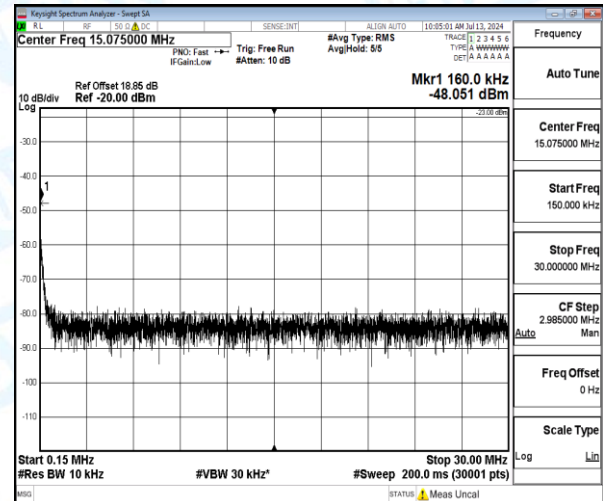
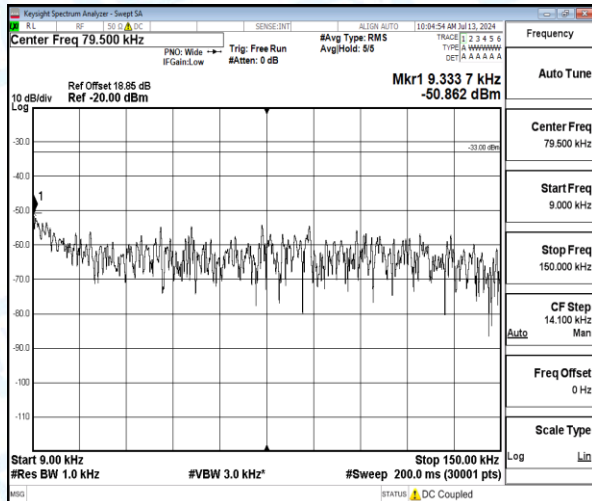




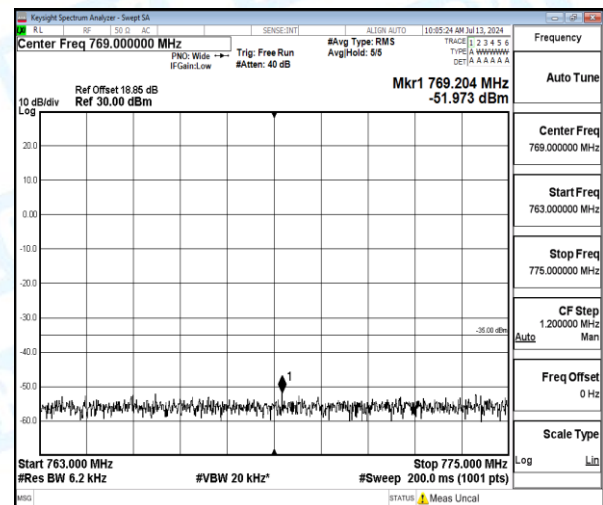
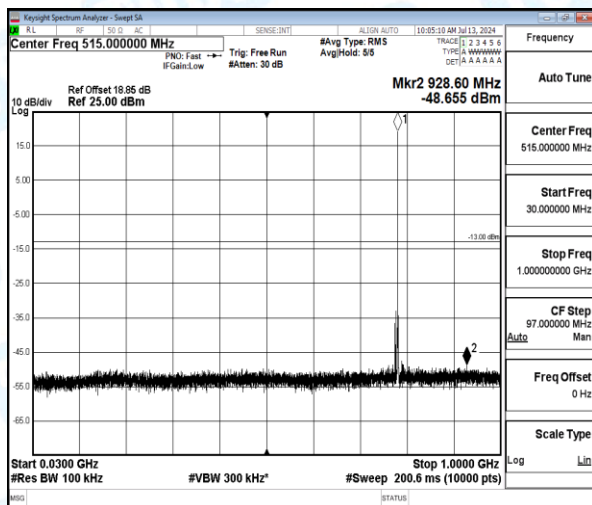
Band13-5MHz-QPSK-23230-1-0-Low-793-805-793.38--51.69-16.69--35-PASS

Band13-5MHz-QPSK-23230-1-0-Low-1000-10000-7378.6--36.95-23.95--13-PASS



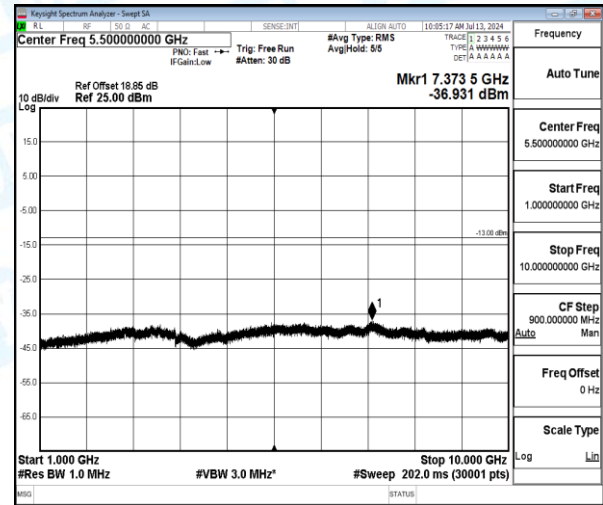
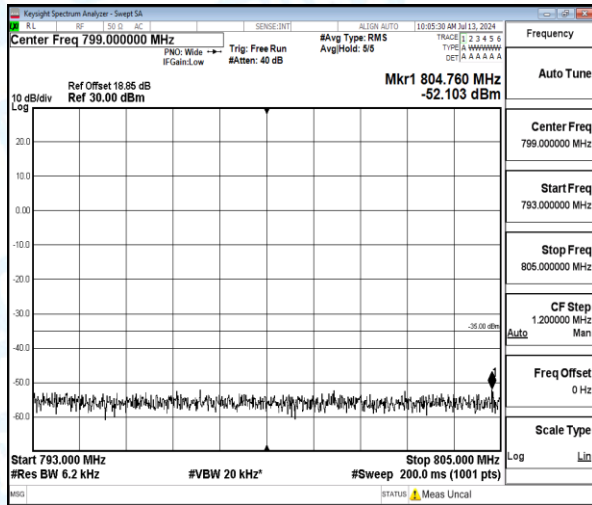
Band13-5MHz-QPSK-23255-1-0-High-0.009-0.15-0.01--50.86-17.86--33-PASS

Band13-5MHz-QPSK-23255-1-0-High-0.15-30-0.16--48.05-25.05--23-PASS



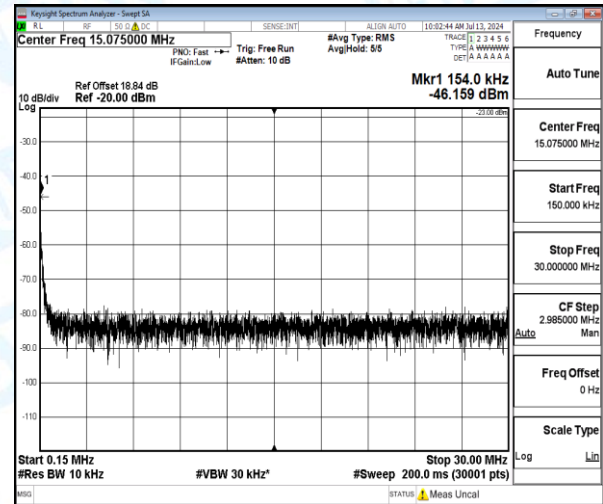
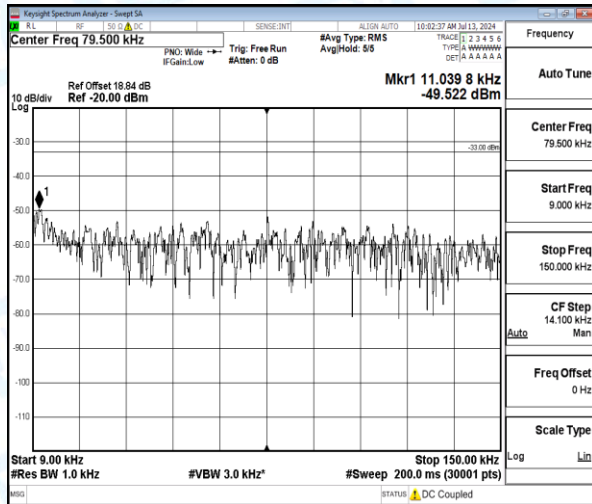
Band13-5MHz-QPSK-23255-1-0-High-30-1000-928.6--48.66-35.66--13-PASS

Band13-5MHz-QPSK-23255-1-0-High-763-775-769.2--51.97-16.97--35-PASS



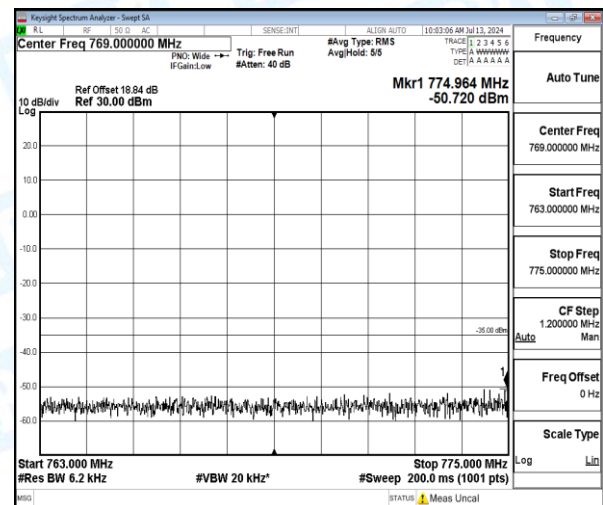
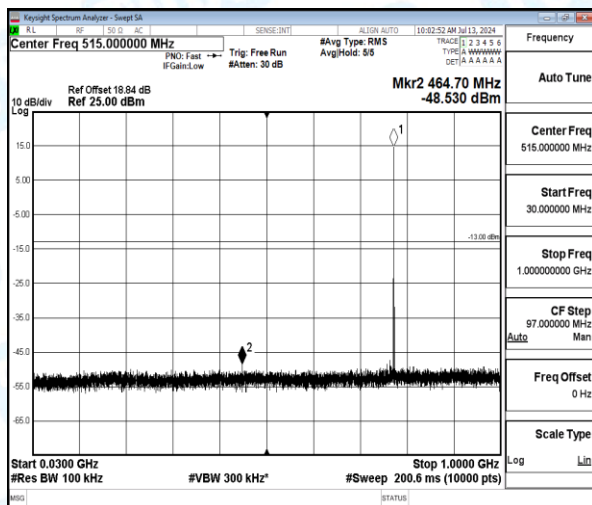
Band13-5MHz-QPSK-23255-1-0-High-793-805-804.76--52.1-17.1--35-PASS

Band13-5MHz-QPSK-23255-1-0-High-1000-10000-7373.5--36.93-23.93--13-PASS



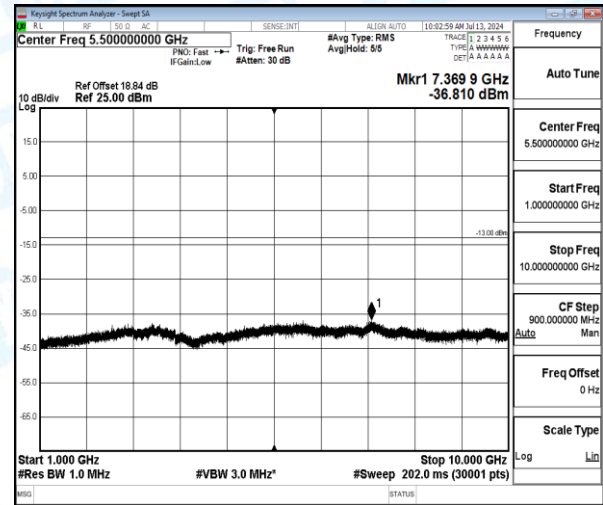
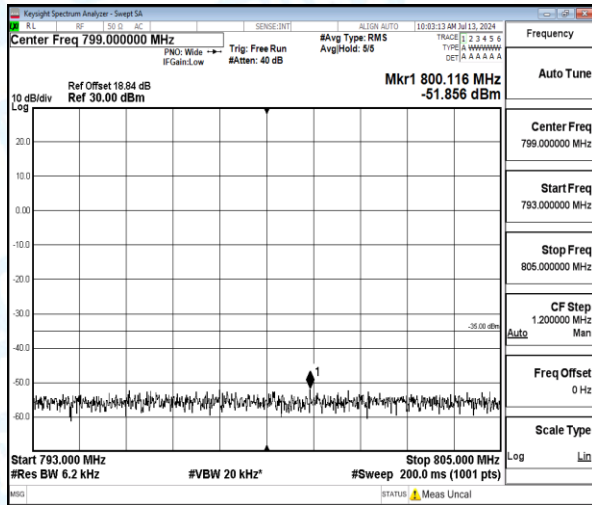
Band13-5MHz-16QAM-23205-1-0-Low-0.009-0.15-0.01--49.52-16.52--33-PASS

Band13-5MHz-16QAM-23205-1-0-Low-0.15-30-0.15--46.16-23.16--23-PASS



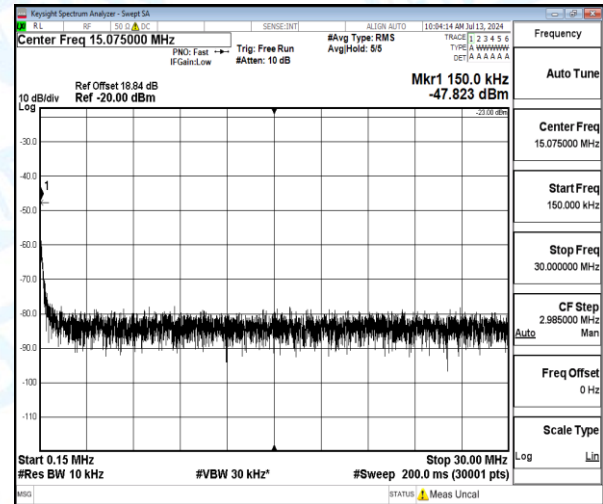
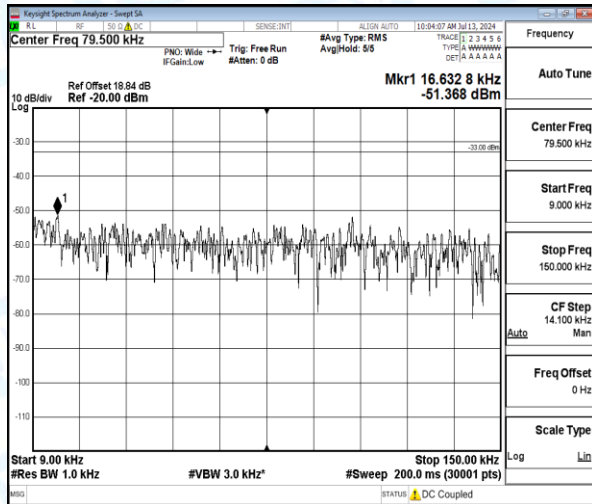
Band13-5MHz-16QAM-23205-1-0-Low-30-1000-464.7--48.53-35.53--13-PASS

Band13-5MHz-16QAM-23205-1-0-Low-763-775-774.96--50.72-15.72--35-PASS



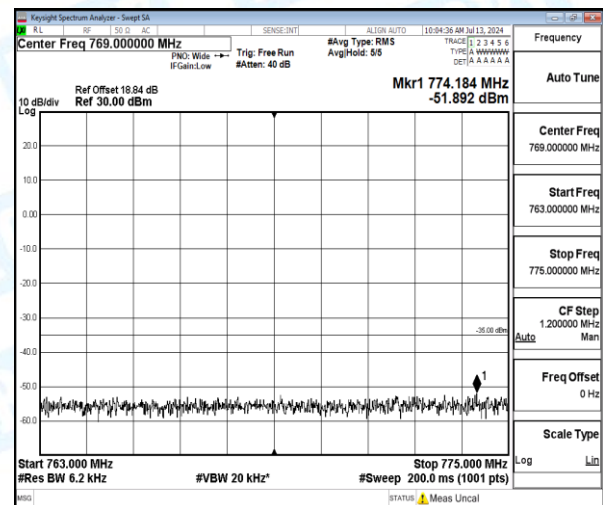
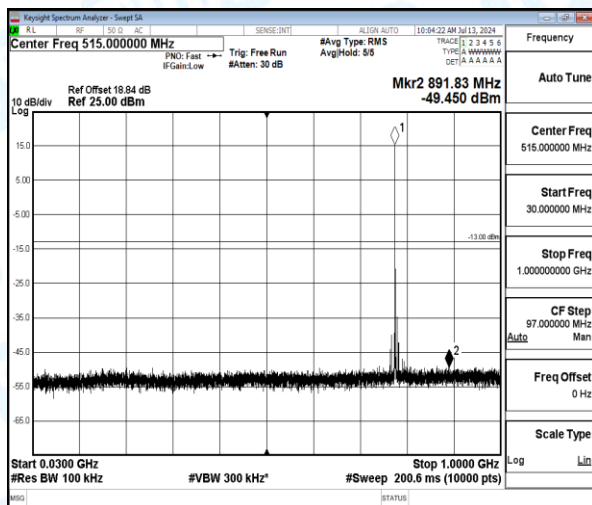
Band13-5MHz-16QAM-23205-1-0-Low-793-805-800.12--51.86-16.86--35-PASS

Band13-5MHz-16QAM-23205-1-0-Low-1000-10000-7369.9--36.81-23.81--13-PASS



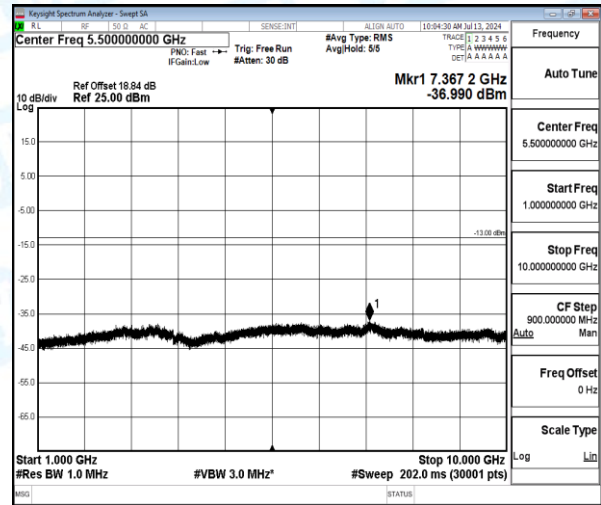
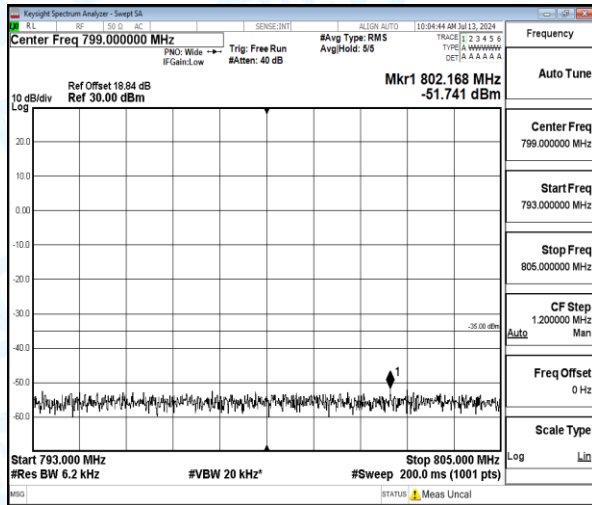
Band13-5MHz-16QAM-23230-1-0-Low-0.009-0.15-0.02--51.37-18.37--33-PASS

Band13-5MHz-16QAM-23230-1-0-Low-0.15-30-0.15--47.82-24.82--23-PASS



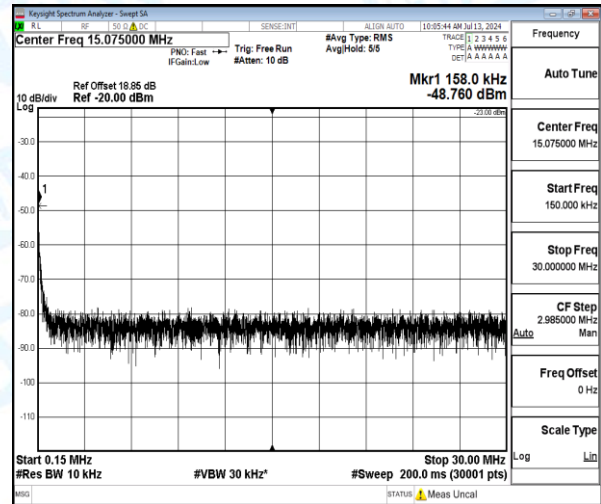
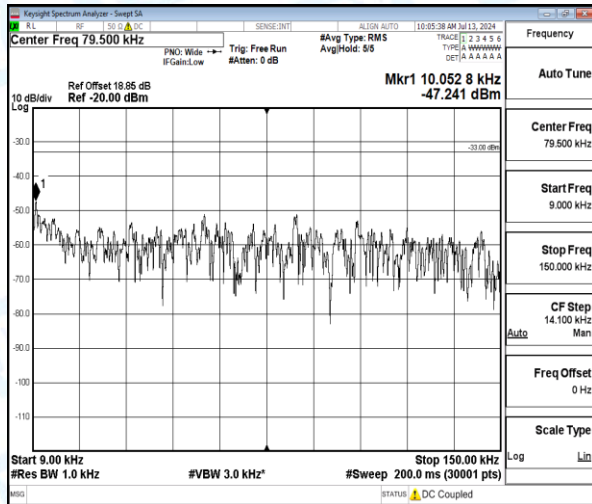
Band13-5MHz-16QAM-23230-1-0-Low-30-1000-891.83--49.45-36.45--13-PASS

Band13-5MHz-16QAM-23230-1-0-Low-763-775-774.18--51.89-16.89--35-PASS



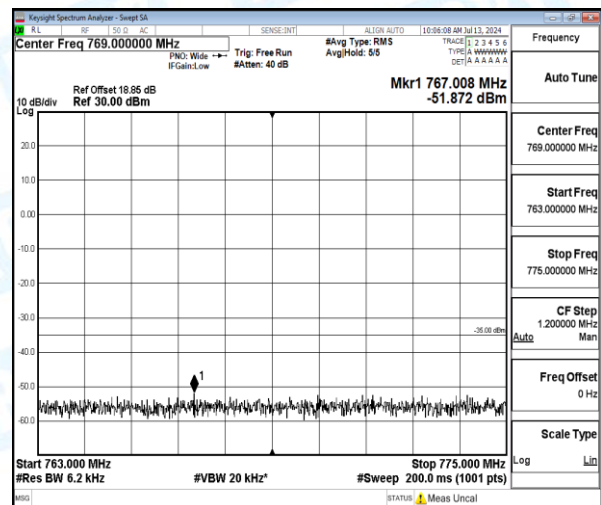
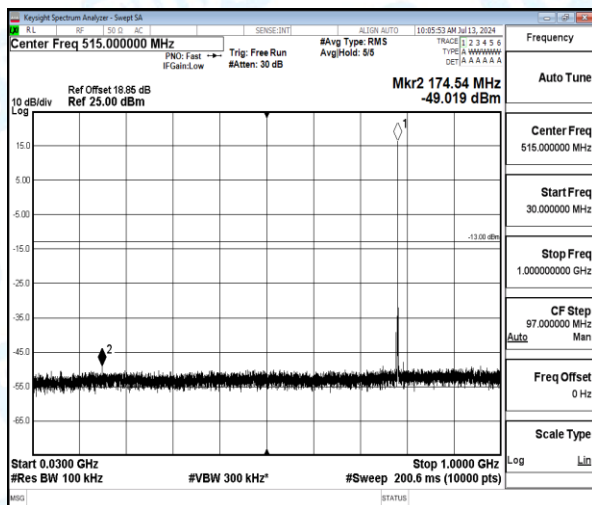
Band13-5MHz-16QAM-23230-1-0-Low-793-805-802.17--51.74-16.74--35-PASS

Band13-5MHz-16QAM-23230-1-0-Low-1000-10000-7367.2--36.99-23.99--13-PASS



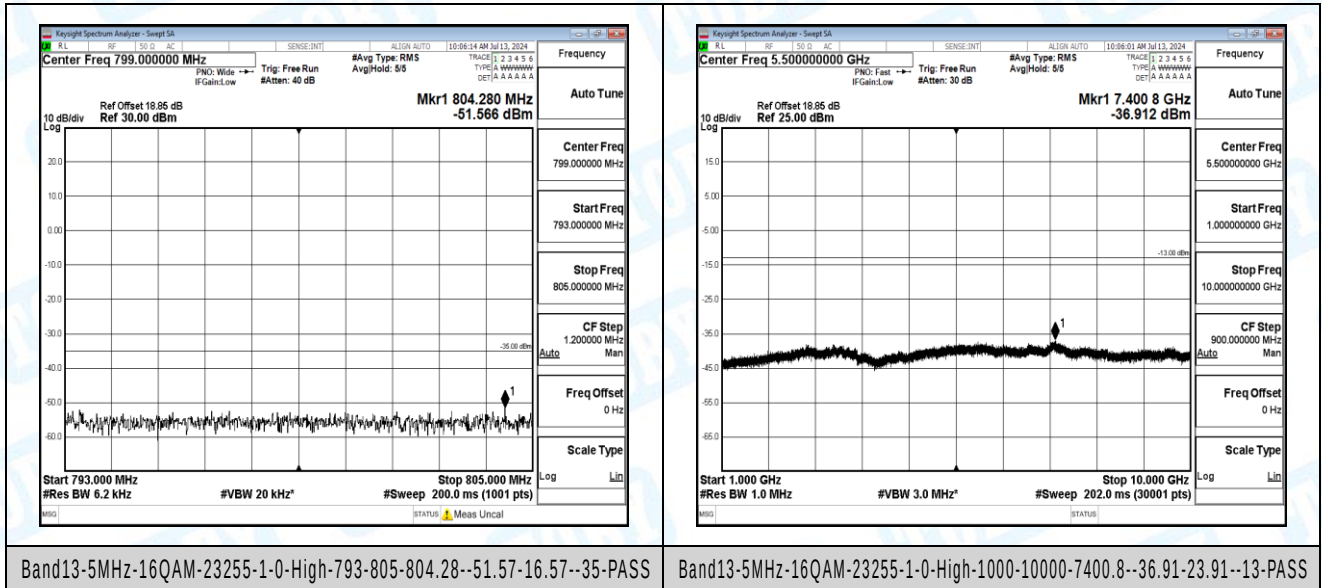
Band13-5MHz-16QAM-23255-1-0-High-0.009-0.15-0.01--47.24-14.24--33-PASS

Band13-5MHz-16QAM-23255-1-0-High-0.15-30-0.16--48.76-25.76--23-PASS



Band13-5MHz-16QAM-23255-1-0-High-30-1000-174.54--49.02-36.02--13-PASS

Band13-5MHz-16QAM-23255-1-0-High-763-775-767.01--51.87-16.87--35-PASS



6. Frequency Stability for M1

Test Result

Voltage												
Band	Band width	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	VL	NT	5.06	0.006491	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	VH	NT	3.42	0.004387	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	VN	NT	2.92	0.003746	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	VN	NT	-6.71	-0.008581	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	VL	NT	-7.06	-0.009028	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	VH	NT	-6.37	-0.008146	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	VN	NT	3.58	0.004563	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	VH	NT	2.53	0.003225	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	VL	NT	4.66	0.005940	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	VN	NT	3.55	0.004554	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	VL	NT	5.38	0.006902	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	VH	NT	3.46	0.004439	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	VN	NT	-5.37	-0.006867	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	VH	NT	-6.96	-0.008900	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	VL	NT	-8.22	-0.010512	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	VN	NT	4.76	0.006068	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	VL	NT	4.80	0.006119	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	VH	NT	4.48	0.005711	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VN	NT	11.95	0.015281	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VL	NT	12.15	0.015537	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VH	NT	11.20	0.014322	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	VH	NT	10.94	0.013990	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	VN	NT	10.31	0.013184	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	VL	NT	9.47	0.012110	±2.5	PASS

		Temperature										
Band	Band width	Modu lation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temper ature (°C)	Devi ation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	NV	40	3.15	0.004041	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	50	3.59	0.004606	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	30	3.23	0.004144	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	20	4.63	0.005940	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	10	2.72	0.003489	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	0	5.83	0.007479	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	-10	4.06	0.005208	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	-20	3.21	0.004118	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	-30	4.88	0.006260	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	-20	-6.37	-0.008146	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	-30	-6.60	-0.008440	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	50	-7.63	-0.009757	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	40	-6.39	-0.008171	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	30	-6.51	-0.008325	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	20	-6.58	-0.008414	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	10	-5.95	-0.007609	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	-10	-6.07	-0.007762	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	0	-6.16	-0.007877	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	50	5.36	0.006832	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	-20	-3.40	-0.004334	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	-10	3.75	0.004780	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	0	3.66	0.004665	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	10	3.37	0.004296	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	20	4.74	0.006042	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	40	5.80	0.007393	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	-30	-2.93	-0.003735	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	30	5.60	0.007138	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	-10	3.93	0.005042	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	-20	4.29	0.005504	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	50	2.61	0.003348	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	0	4.31	0.005529	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	10	-3.42	-0.004387	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	20	4.28	0.005491	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	30	3.69	0.004734	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	40	3.13	0.004015	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	-30	2.72	0.003489	±2.5	PASS

Band13	5MHz	23230	16QAM	6	0	Low	NV	0	-7.84	-0.010026	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	-30	-7.23	-0.009246	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	-20	-8.68	-0.011100	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	-10	-7.47	-0.009552	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	20	-6.41	-0.008197	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	30	-6.59	-0.008427	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	50	-7.34	-0.009386	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	40	-6.53	-0.008350	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	10	-7.76	-0.009923	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	0	5.79	0.007380	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	50	4.83	0.006157	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	40	6.11	0.007788	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	30	3.51	0.004474	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	10	3.98	0.005073	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	-10	6.20	0.007903	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	-20	3.74	0.004767	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	-30	5.45	0.006947	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	20	5.25	0.006692	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	20	11.50	0.014706	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-20	11.55	0.014770	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	40	14.45	0.018478	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	30	10.46	0.013376	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	50	12.16	0.015550	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	10	12.23	0.015639	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-10	10.89	0.013926	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-30	11.79	0.015077	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	0	11.46	0.014655	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	50	11.04	0.014118	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	-30	10.84	0.013862	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	-20	10.71	0.013696	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	-10	9.51	0.012161	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	0	9.51	0.012161	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	10	11.05	0.014130	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	20	11.13	0.014233	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	30	11.12	0.014220	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	40	9.38	0.011995	±2.5	PASS

-----End of the report-----