



Appendix I.1: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#24	23.68	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.82	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.67	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.02	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.67	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.06	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.50	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.93	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.67	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.83	PASS
Band13	5MHz	QPSK	23205	1RB#0	23.61	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.82	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.76	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.36	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.67	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.49	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.71	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.87	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.50	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.87	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.49	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.65	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.54	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.97	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.50	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.41	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.96	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.00	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.37	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.92	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.34	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.63	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.98	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.53	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.53	PASS



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Band13	5MHz	QPSK	23255	1RB#12	23.30	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.21	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.16	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.06	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.63	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.93	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.62	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.02	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.42	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.01	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.45	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.97	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.34	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.99	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.37	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.73	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.25	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.21	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.29	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.77	PASS



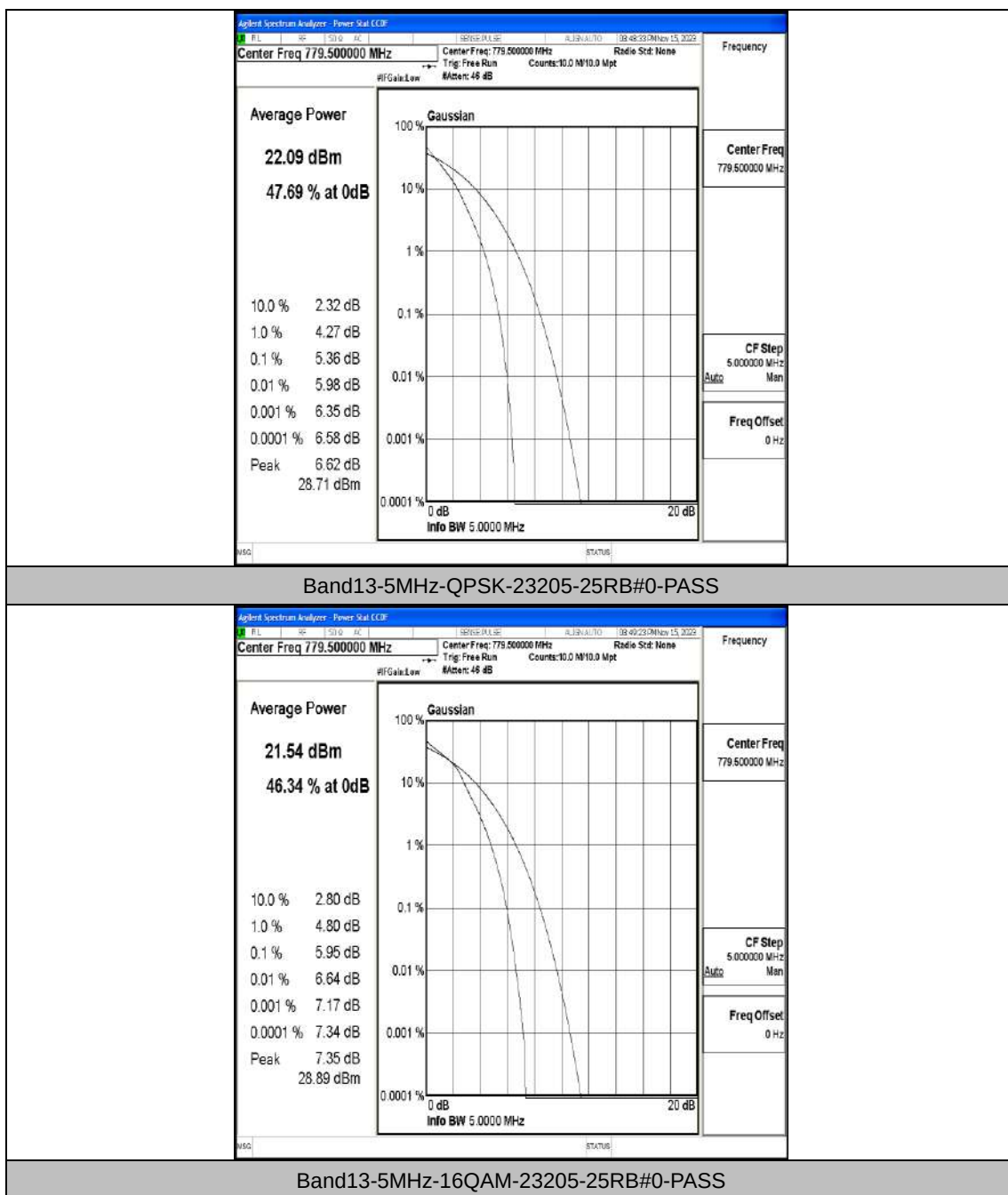
Appendix I.2: Peak-to-Average Ratio(CCDF)

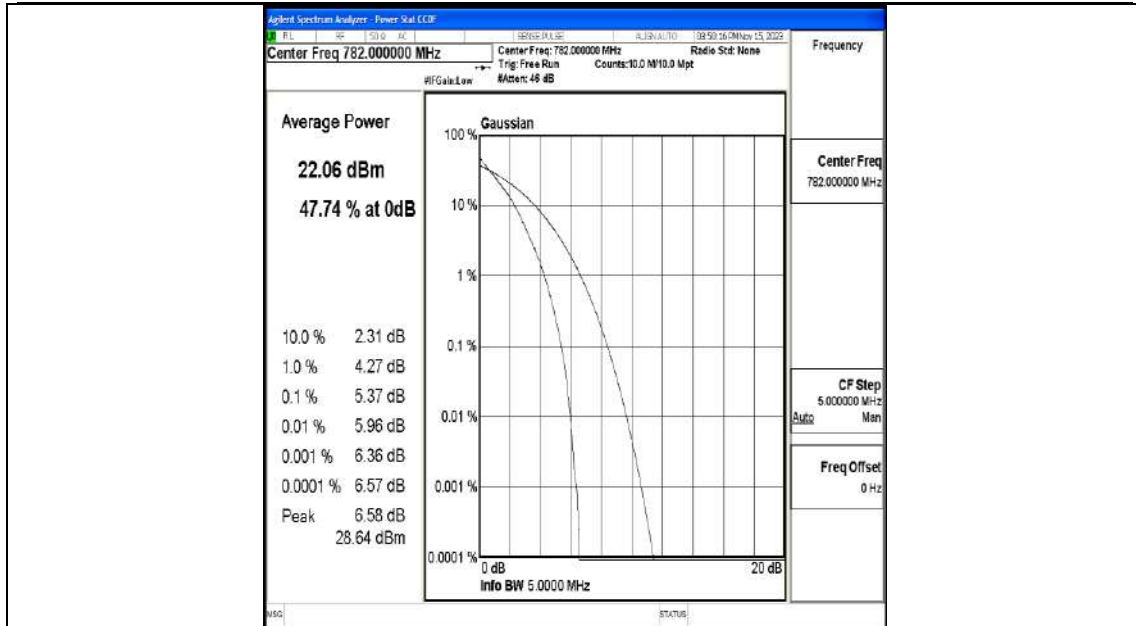
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	5.36	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.95	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.37	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.01	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.36	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.99	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.38	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.99	13	PASS

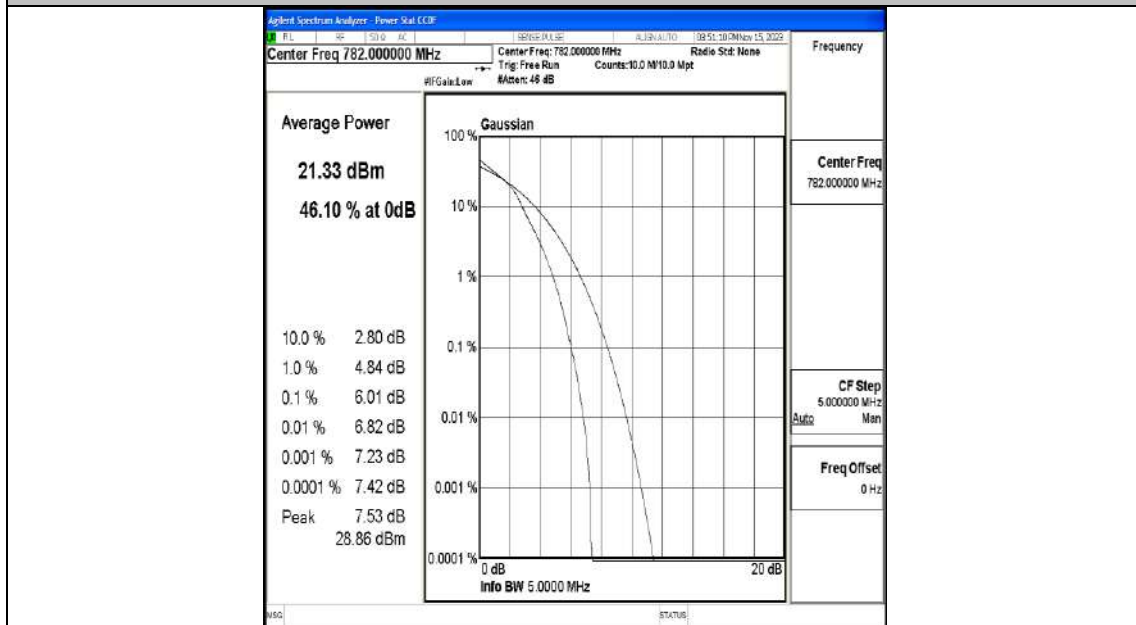


Test Graphs

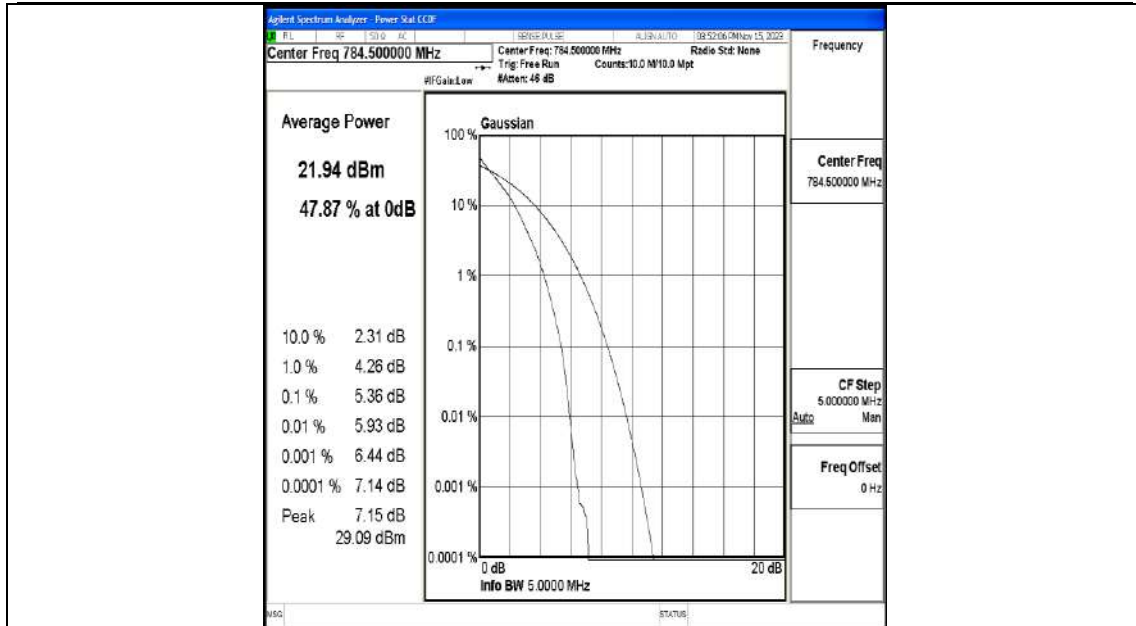




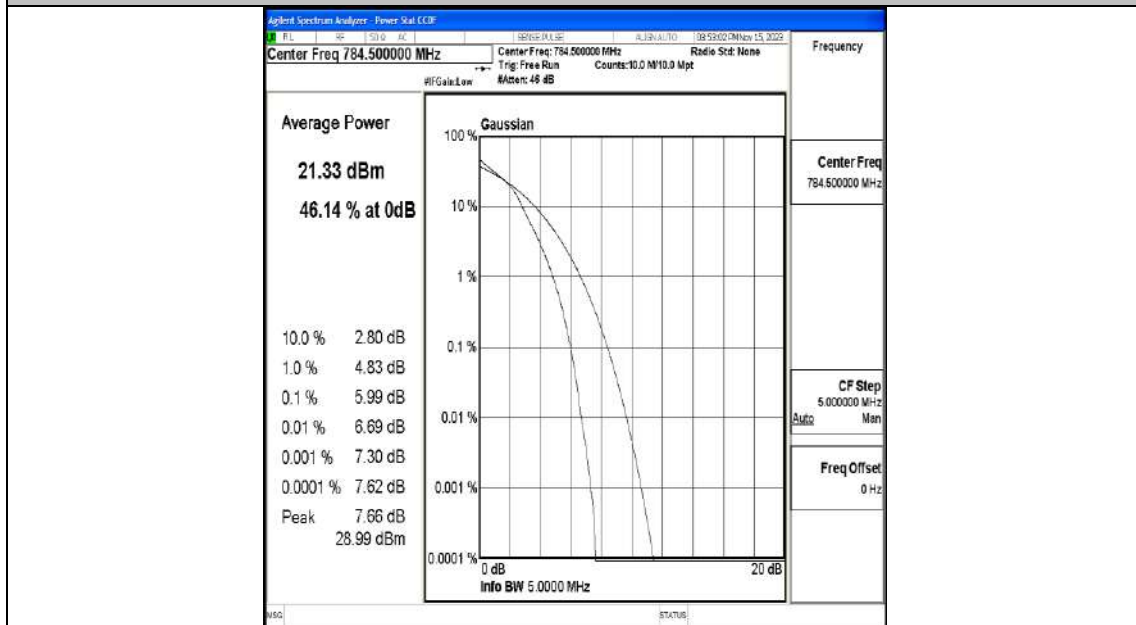
Band13-5MHz-QPSK-23230-25RB#0-PASS



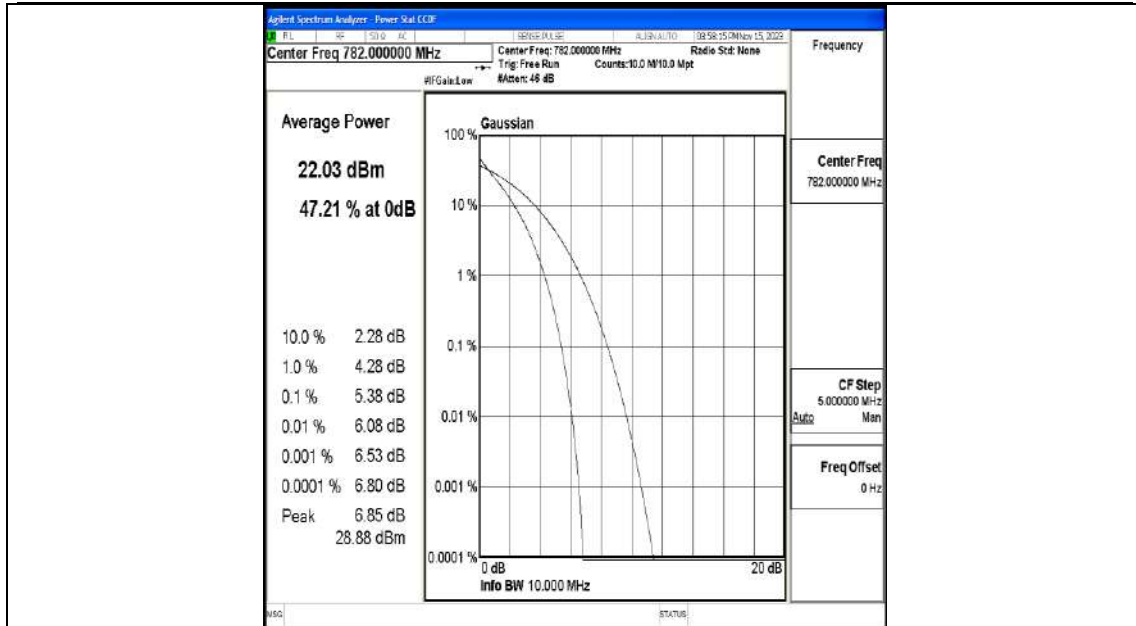
Band13-5MHz-16QAM-23230-25RB#0-PASS



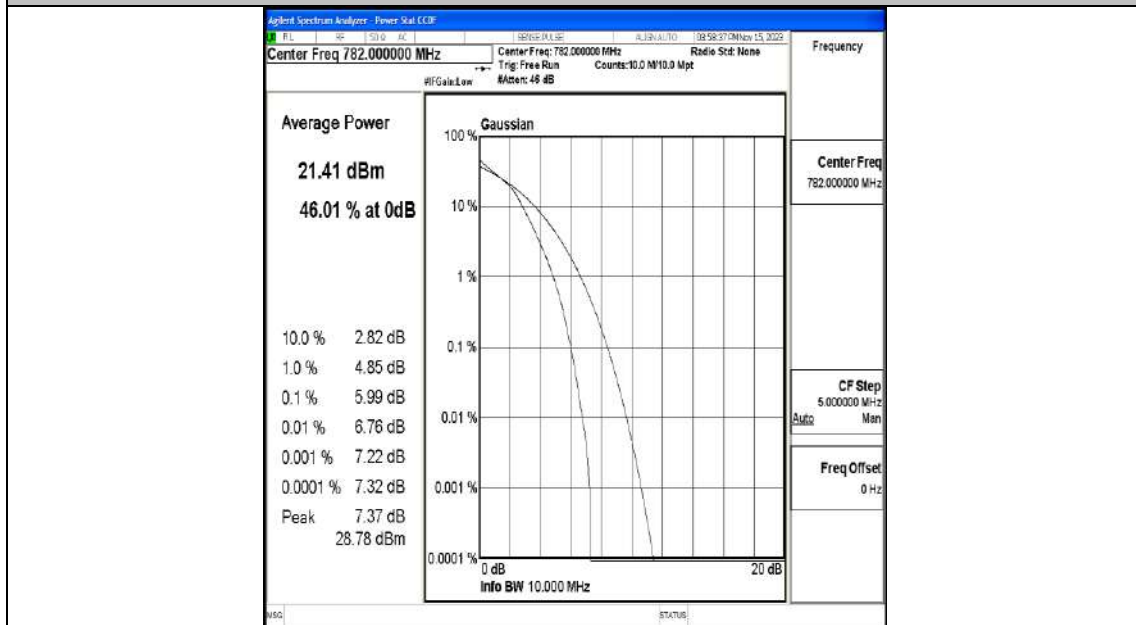
Band13-5MHz-QPSK-23255-25RB#0-PASS



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



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



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



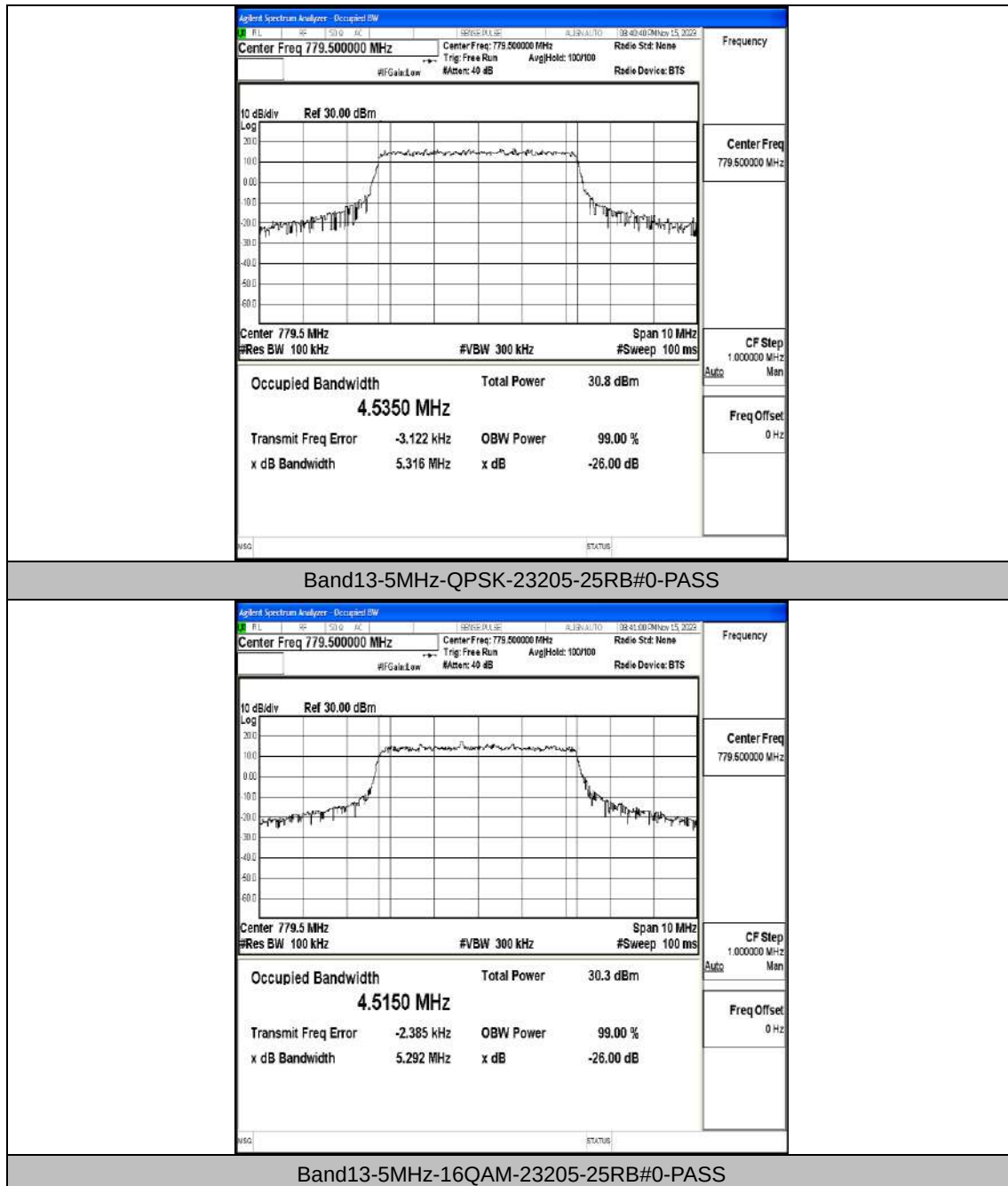
Appendix I.3: 26dB Bandwidth and Occupied Bandwidth

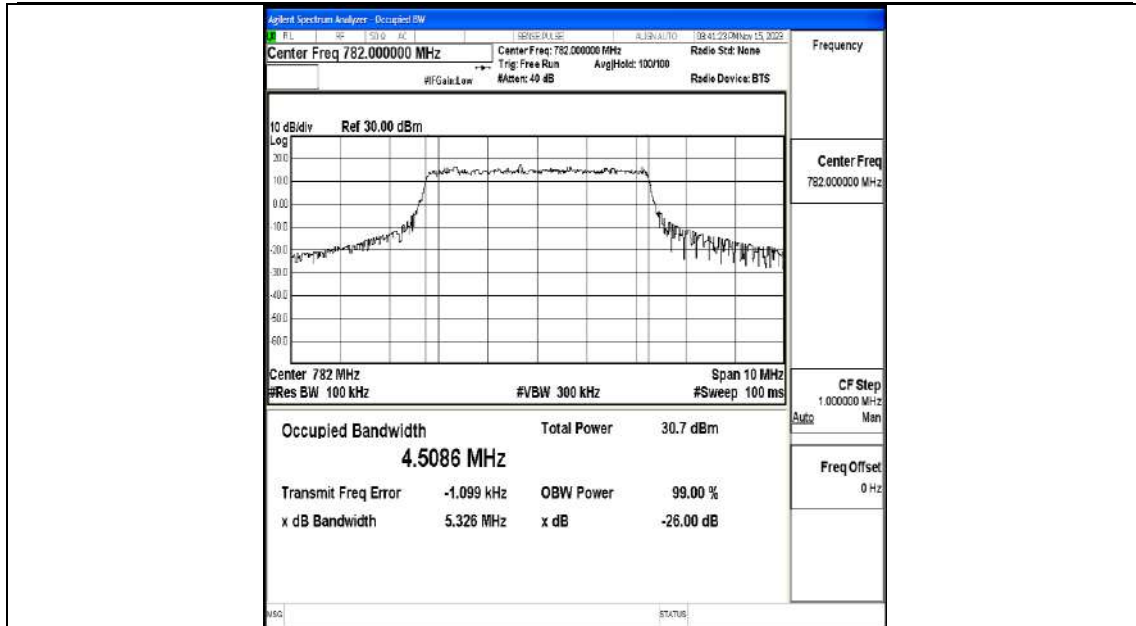
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5350	5.316	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5150	5.292	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5086	5.326	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5334	5.288	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5091	5.096	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5328	5.430	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9815	9.968	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9783	10.20	PASS

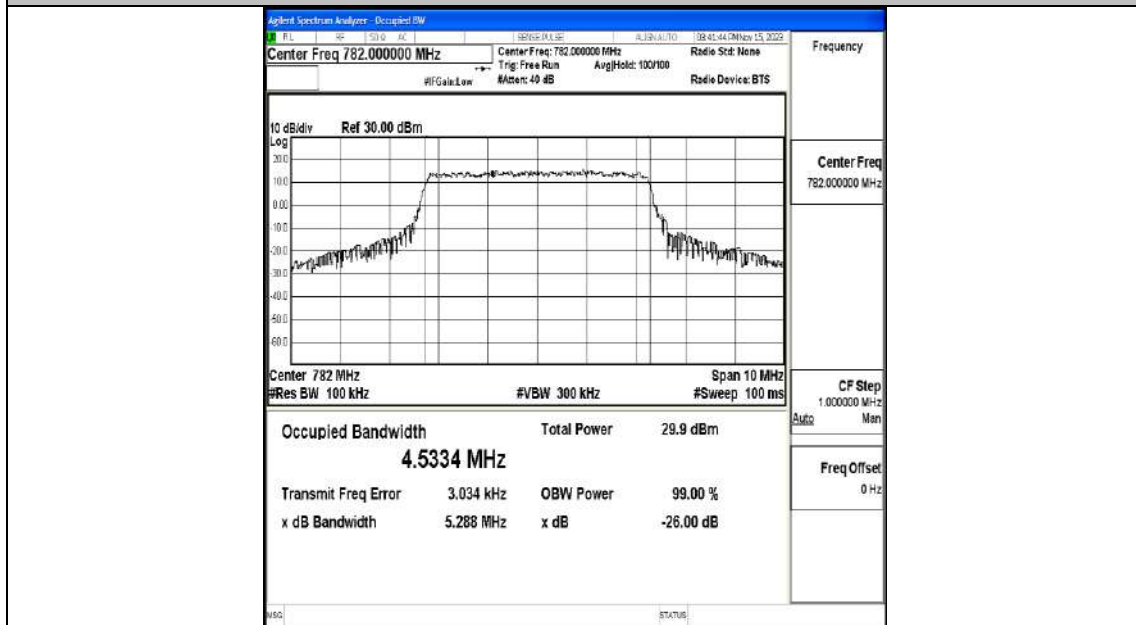


Test Graphs

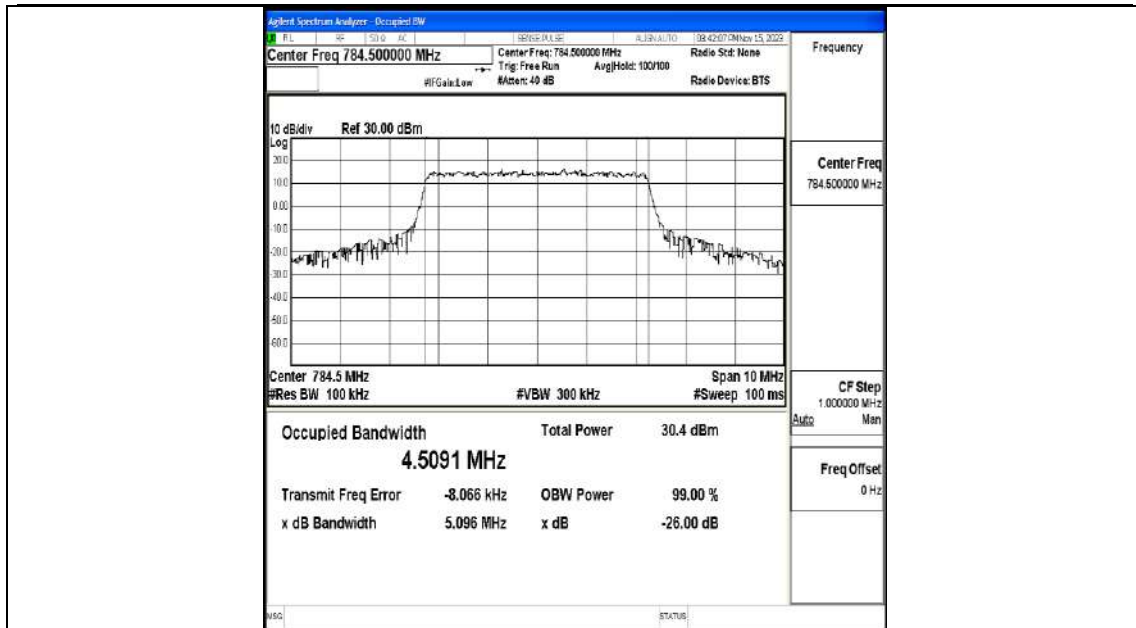




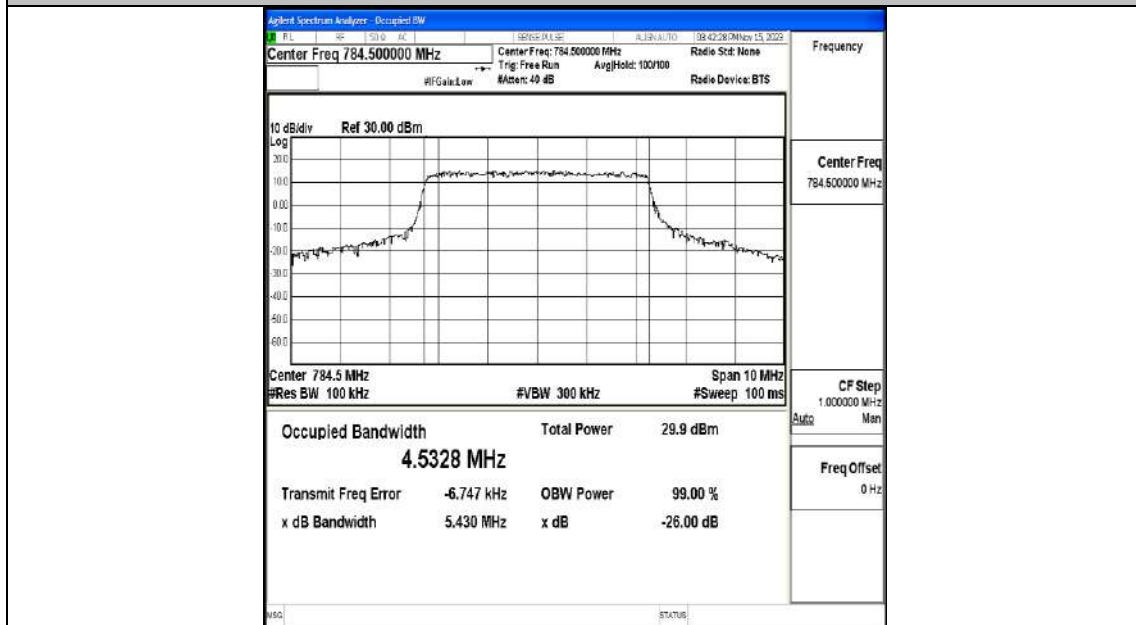
Band13-5MHz-QPSK-23230-25RB#0-PASS



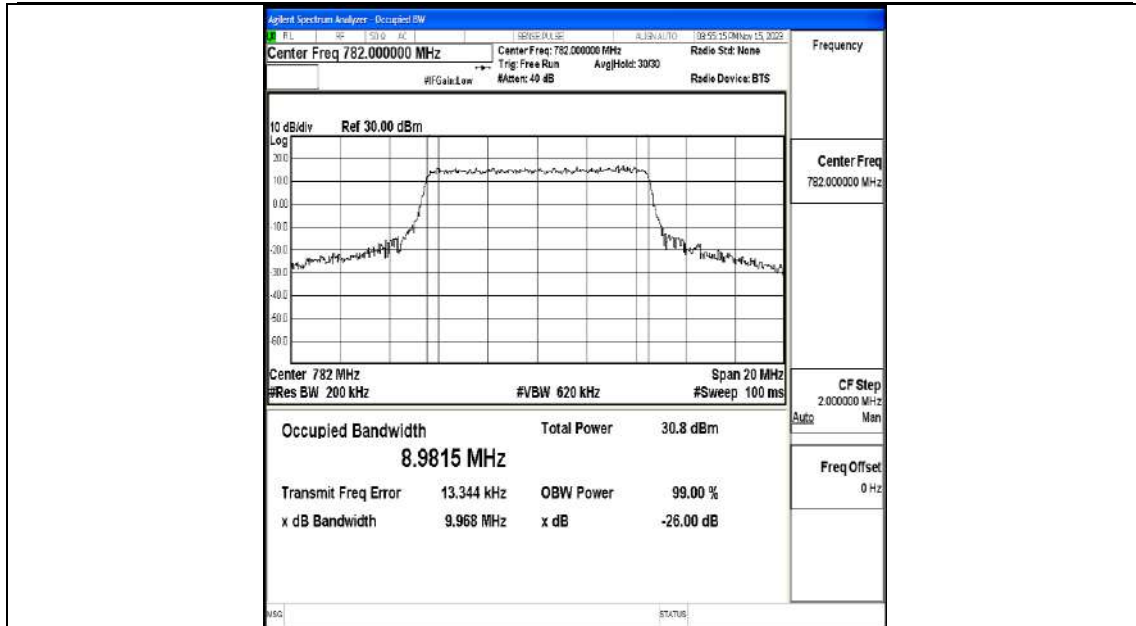
Band13-5MHz-16QAM-23230-25RB#0-PASS



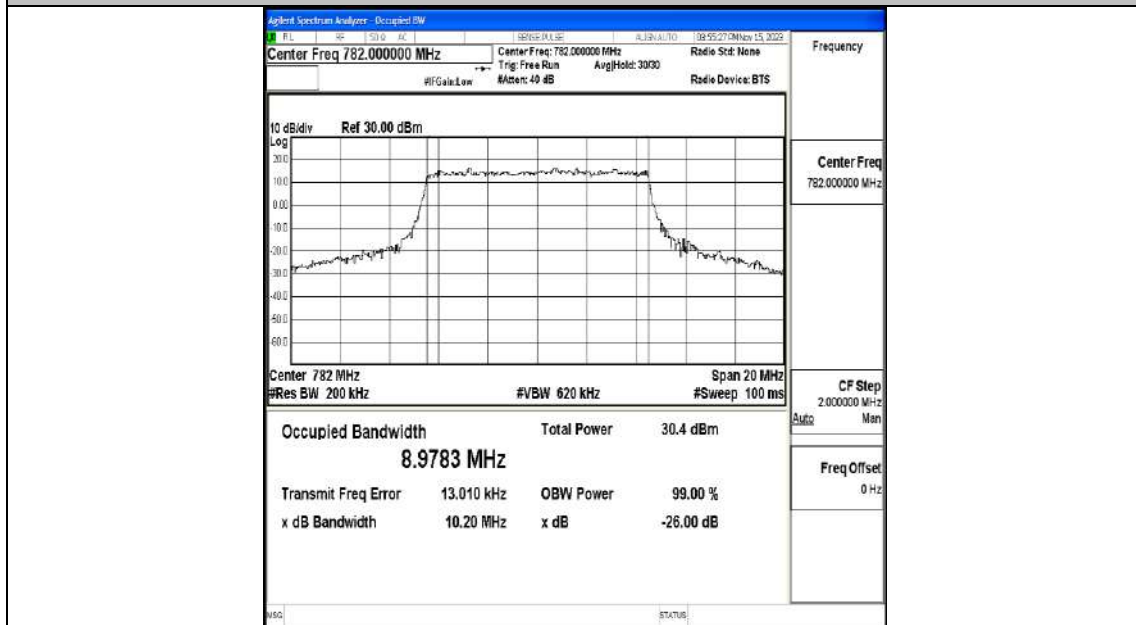
Band13-5MHz-QPSK-23255-25RB#0-PASS



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



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



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

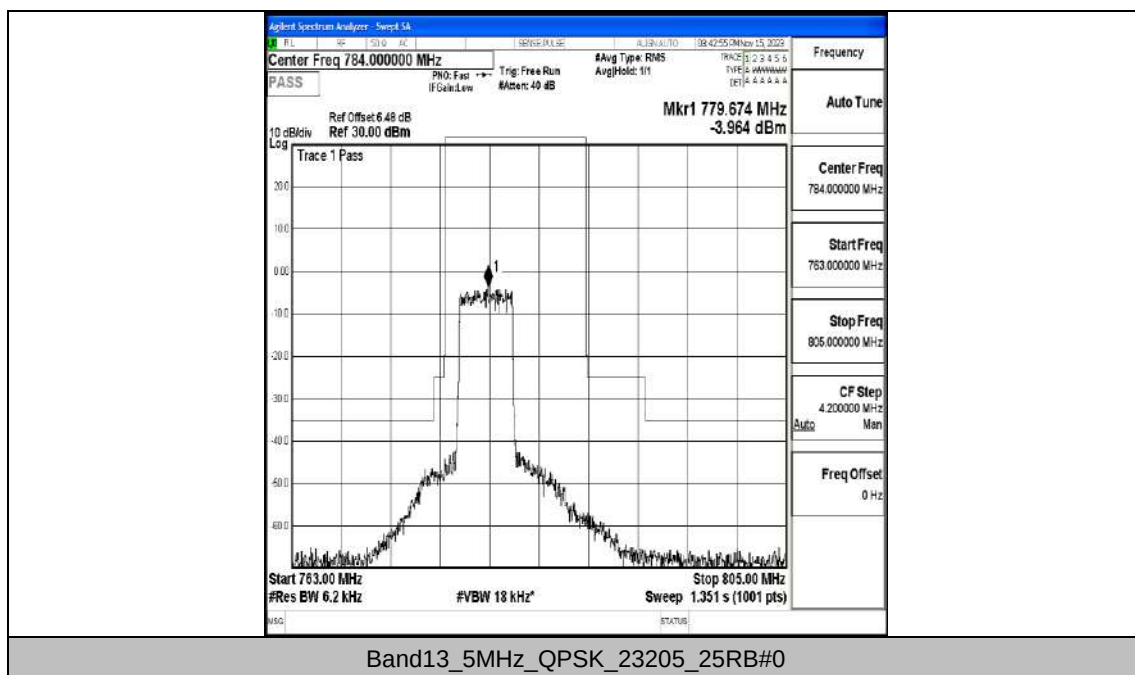


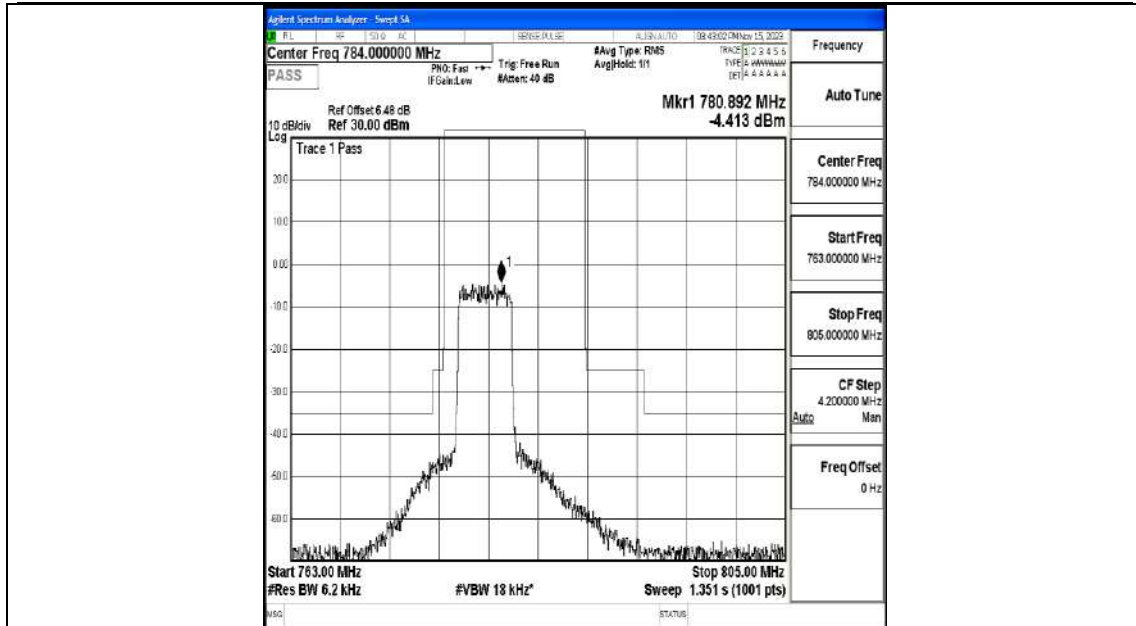
Appendix I.4: Band Edge

Test Result

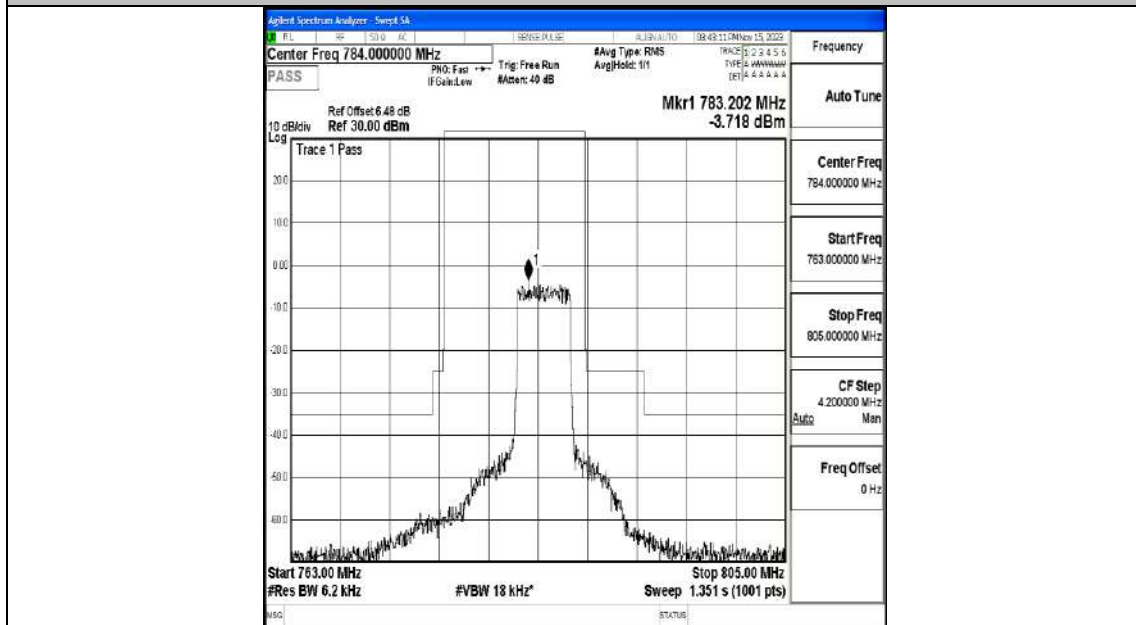
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.93	-46.42	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.84	-46.66	PASS
Band13	5MHz	QPSK	23255	25RB#0	788.37	-44.94	PASS
Band13	5MHz	16QAM	23255	25RB#0	788.87	-46.33	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.42	-49.37	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.89	-48.33	PASS

Test Graphs

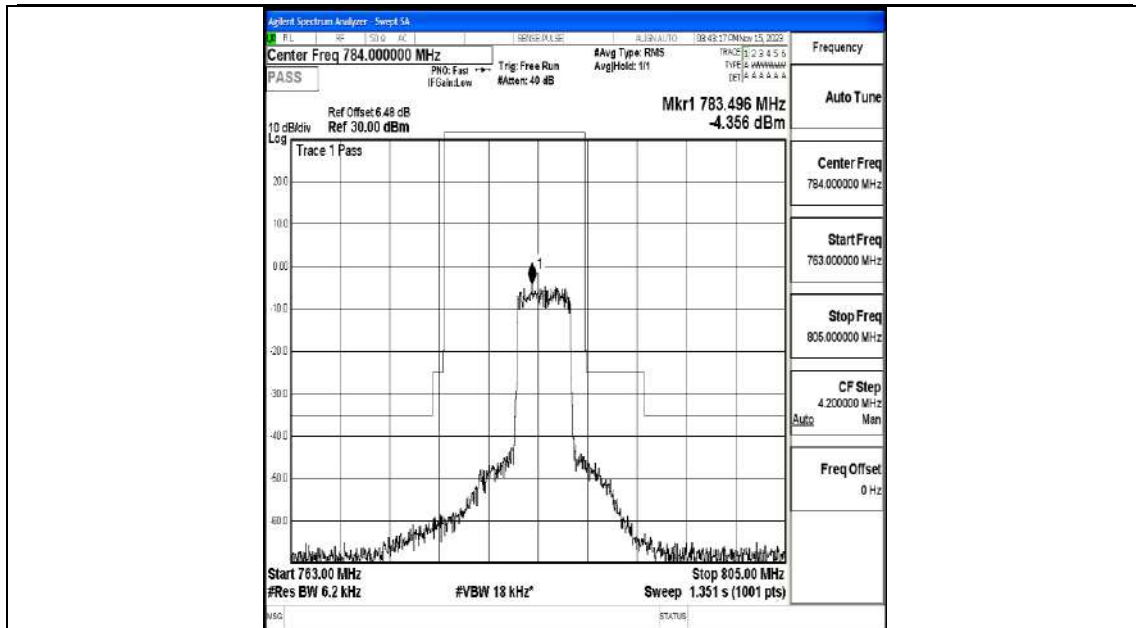




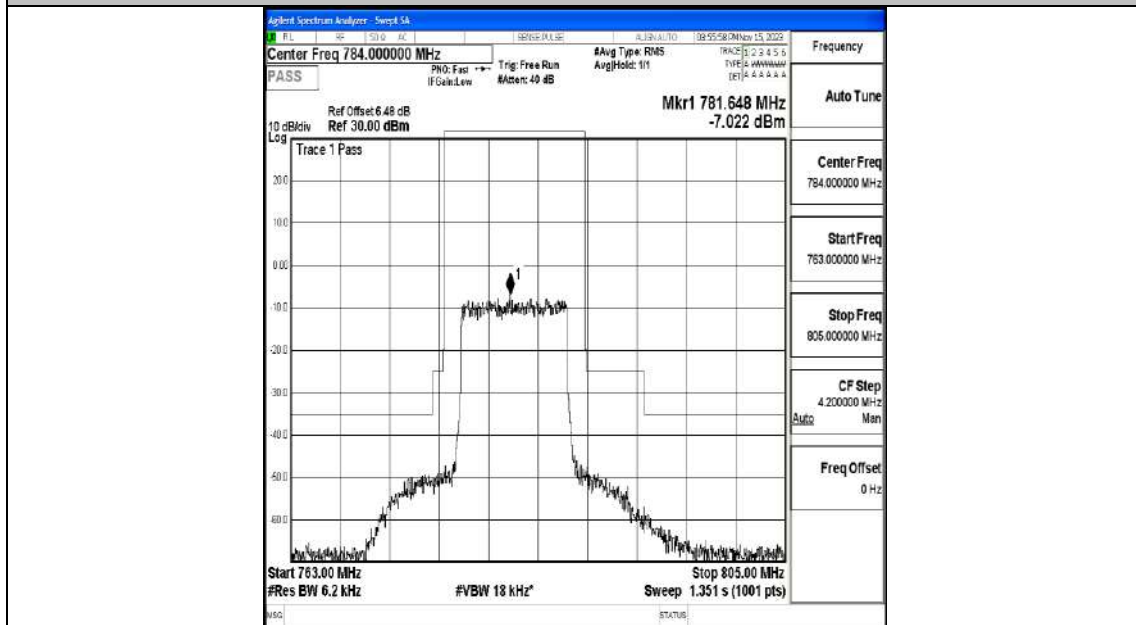
Band13_5MHz_16QAM_23205_25RB#0



Band13_5MHz_QPSK_23255_25RB#0



Band13_5MHz_16QAM_23255_25RB#0

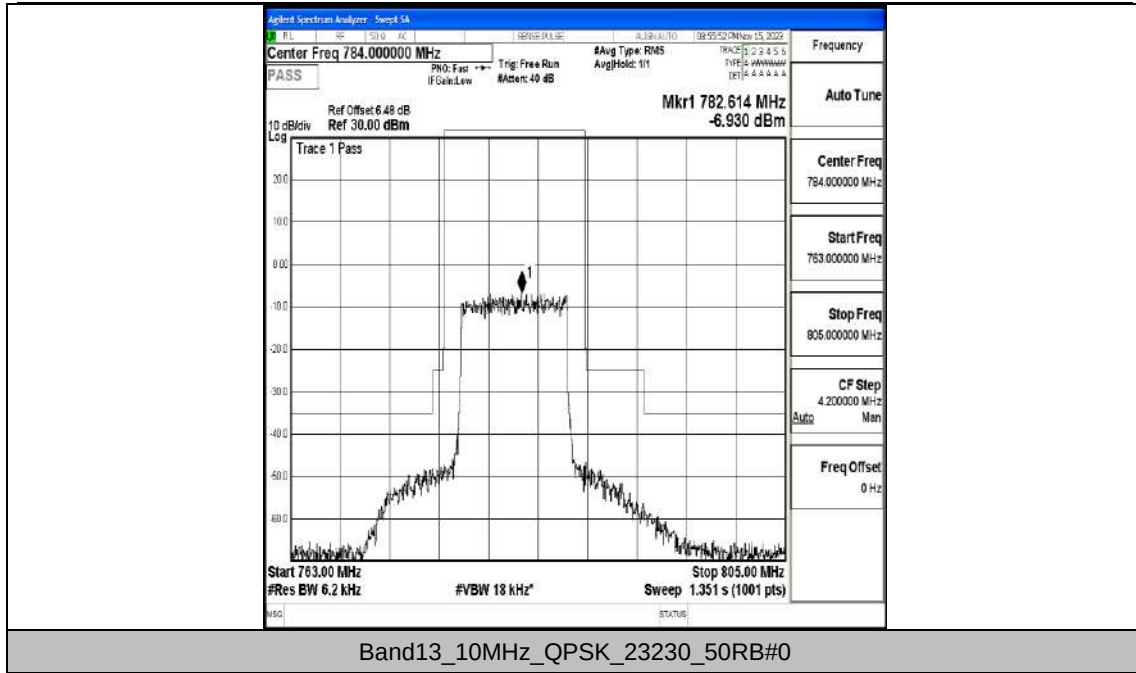


Band13_10MHz_16QAM_23230_50RB#0



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Appendix I.5: Conducted Spurious Emission

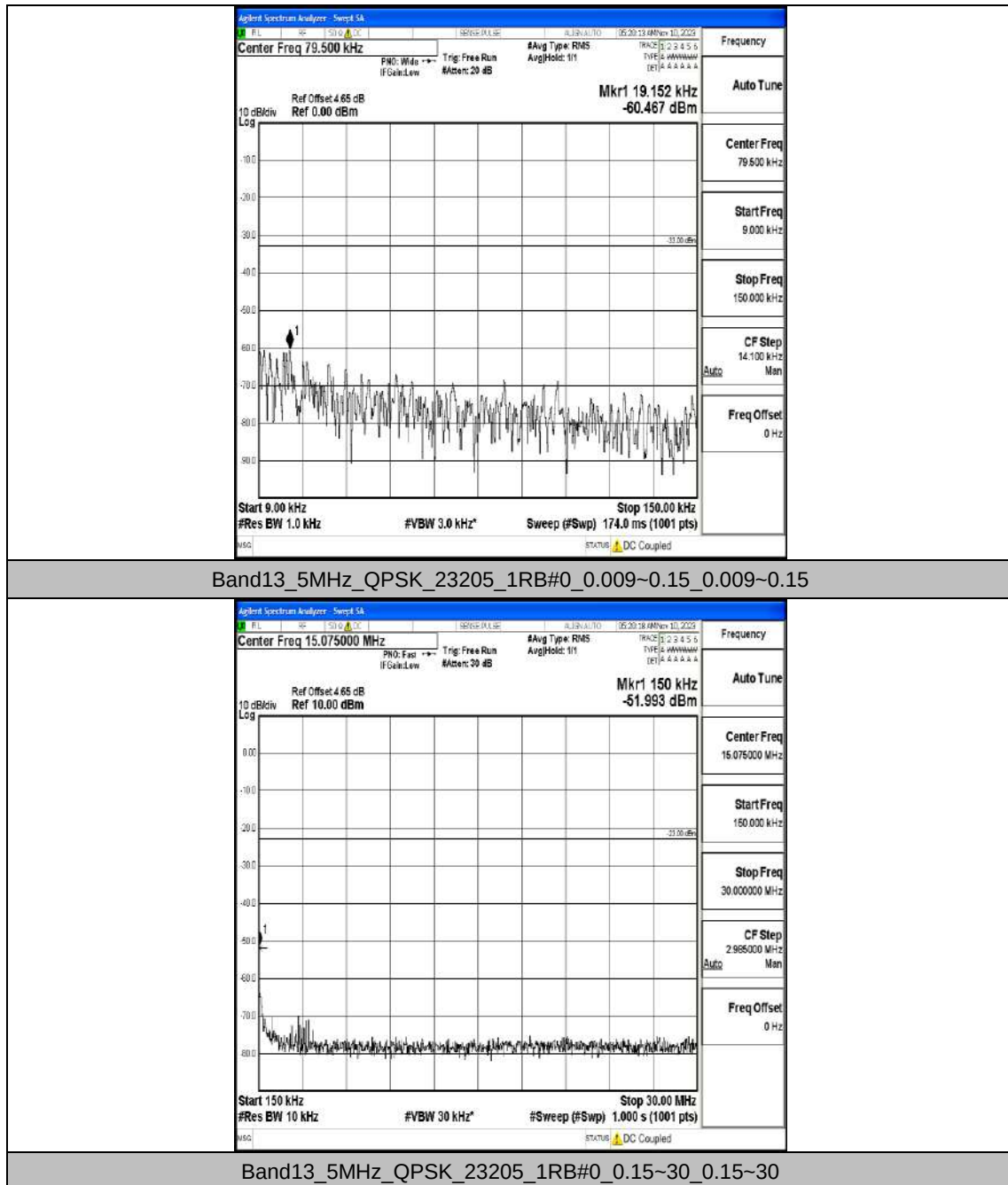
Test Result

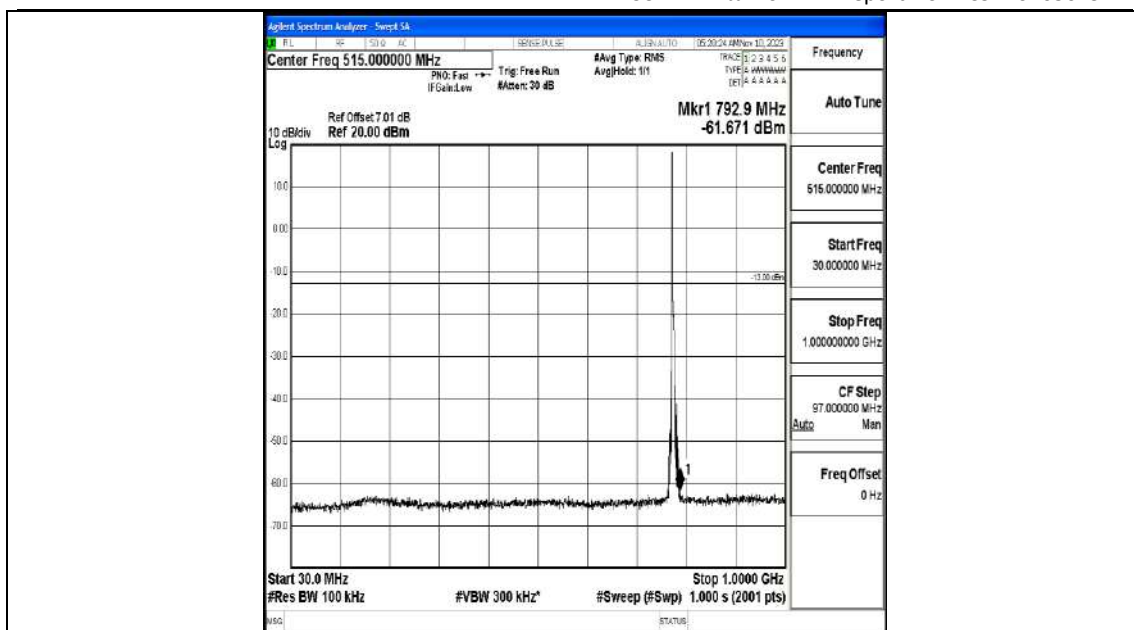
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-60.47	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-51.99	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-61.67	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-42.80	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-44.48	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-58.83	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-52.69	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-62.29	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-43.97	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-44.58	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-57.82	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-51.04	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-62.31	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-43.86	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-44.41	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-60.03	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-53.21	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-62.37	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-43.73	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-44.64	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-57.43	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-51.87	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-60.23	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-44.21	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-44.62	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-58.72	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-53.93	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-62.76	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-42.68	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-44.47	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-55.56	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-52.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-62.73	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-43.94	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-44.63	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-55.93	PASS



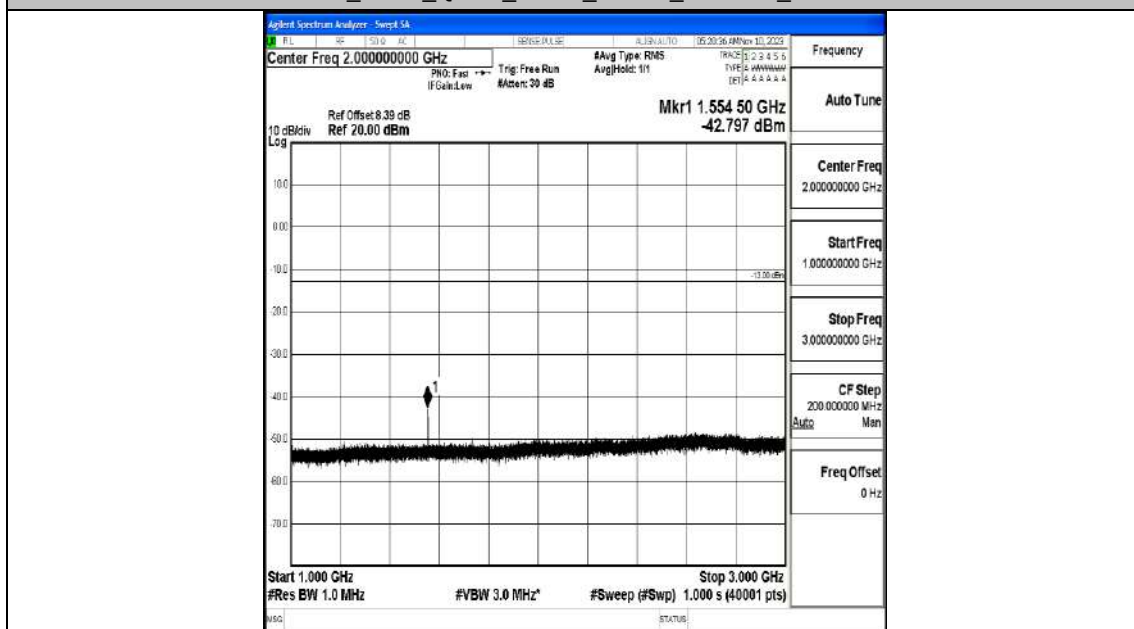
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-53.65	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-62.41	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-43.33	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-44.79	PASS

Test Graphs





Band13_5MHz_QPSK_23205_1RB#0_30~1000_30~1000

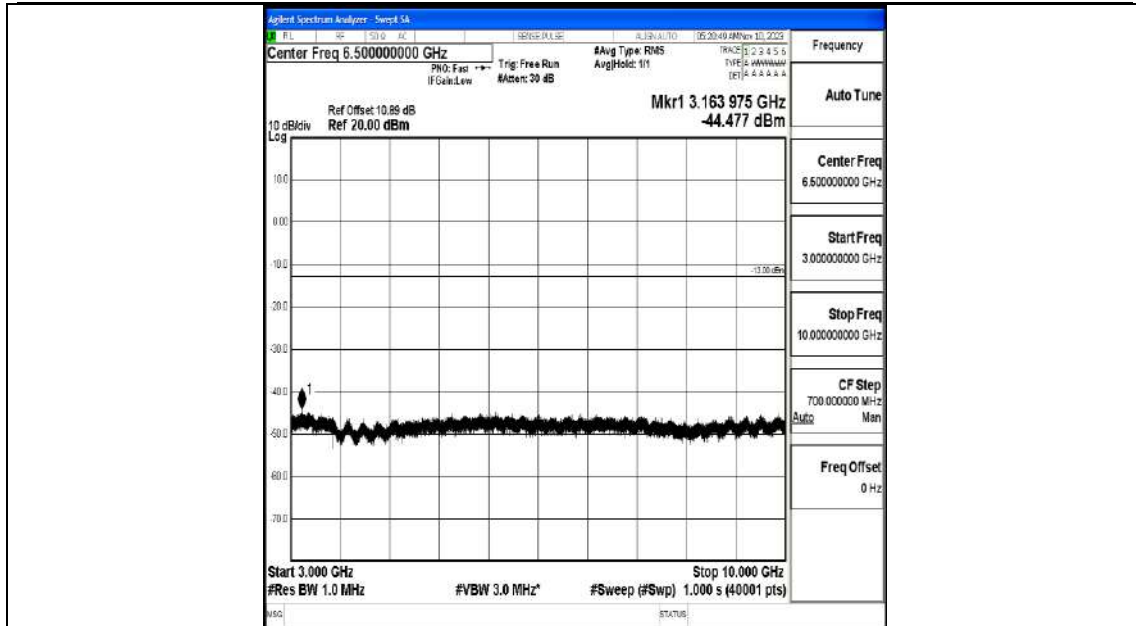


Band13_5MHz_QPSK_23205_1RB#0_1000~3000_1000~3000

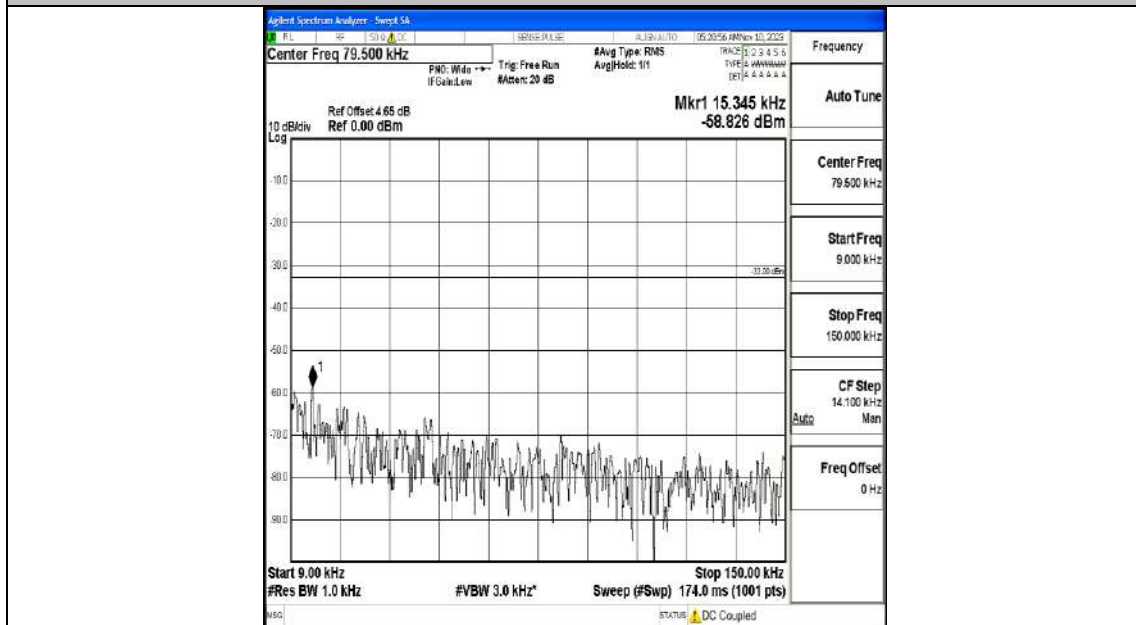


FCC ID: 2ALIJF40

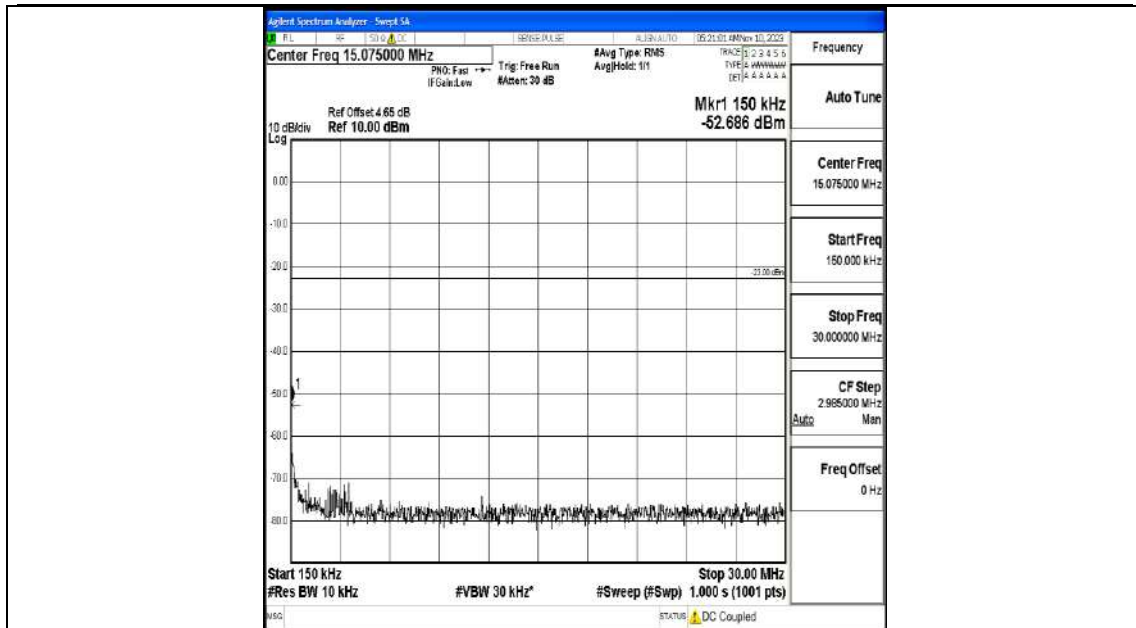
Report No.: LCSA10263049EF



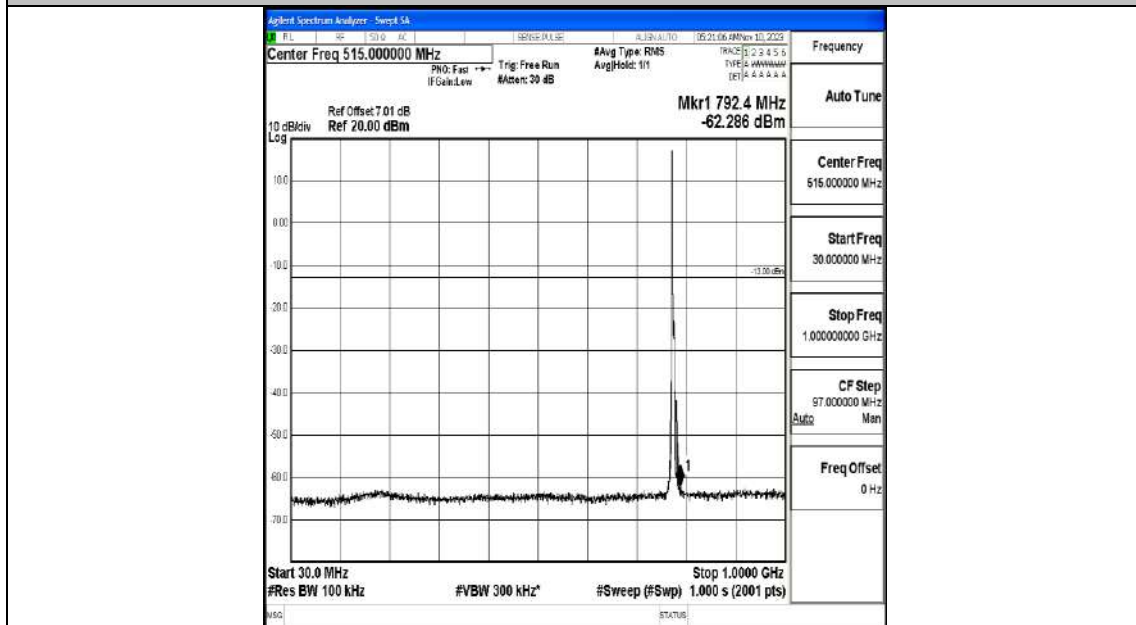
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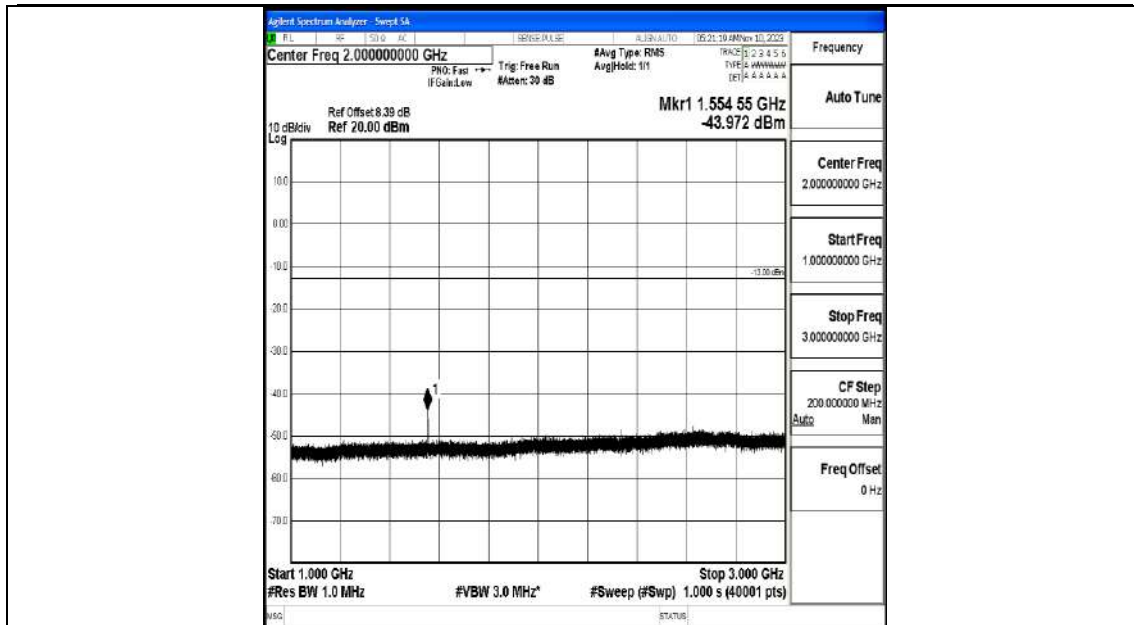
Band13_5MHz_16QAM_23205_1RB#0_0.009~0.15_0.009~0.15



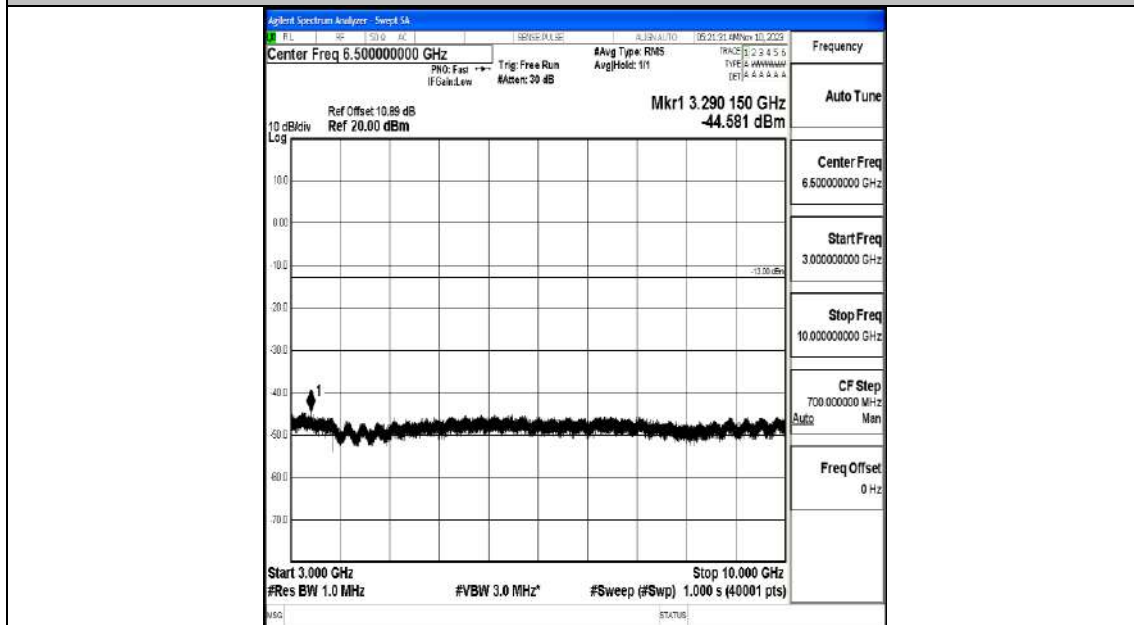
Band13_5MHz_16QAM_23205_1RB#0_0.15~30_0.15~30



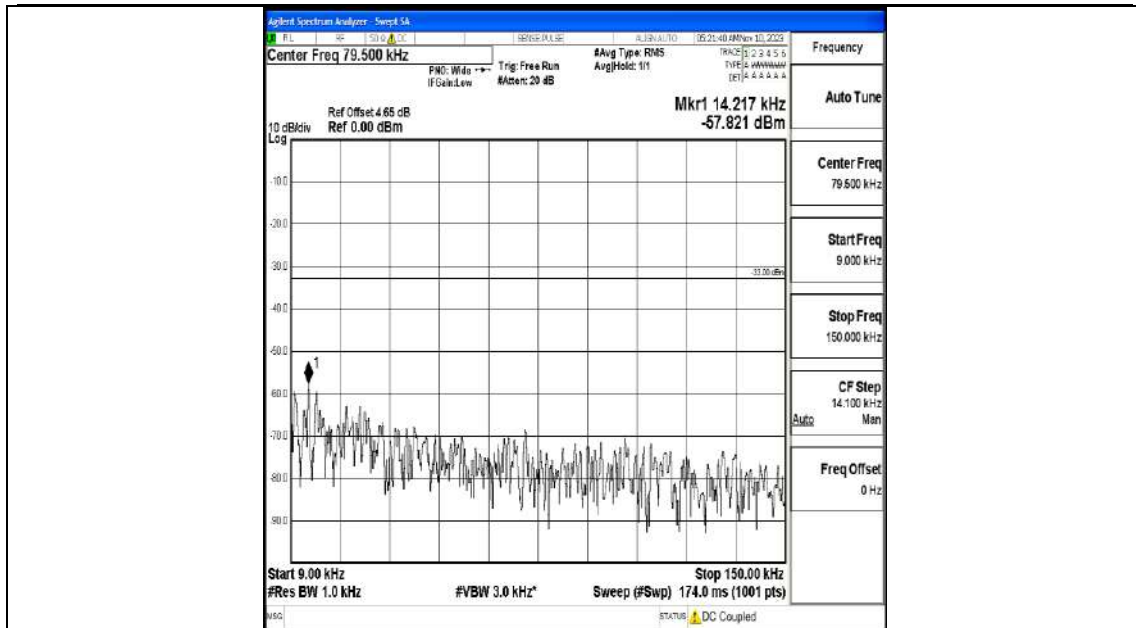
Band13_5MHz_16QAM_23205_1RB#0_30~1000_30~1000



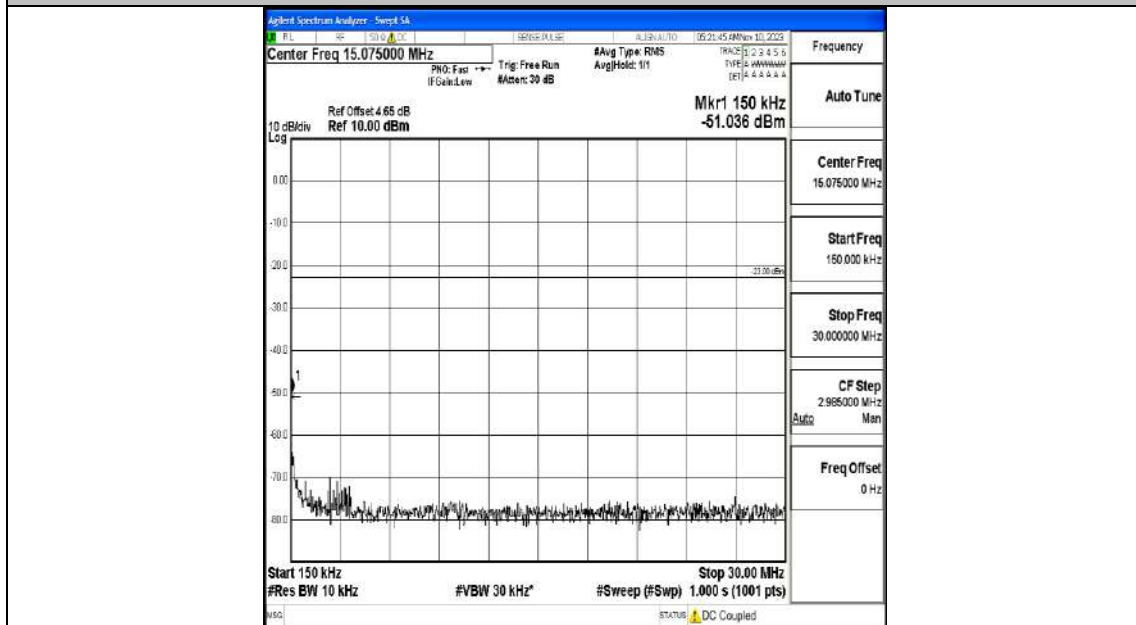
Band13_5MHz_16QAM_23205_1RB#0_1000~3000_1000~3000



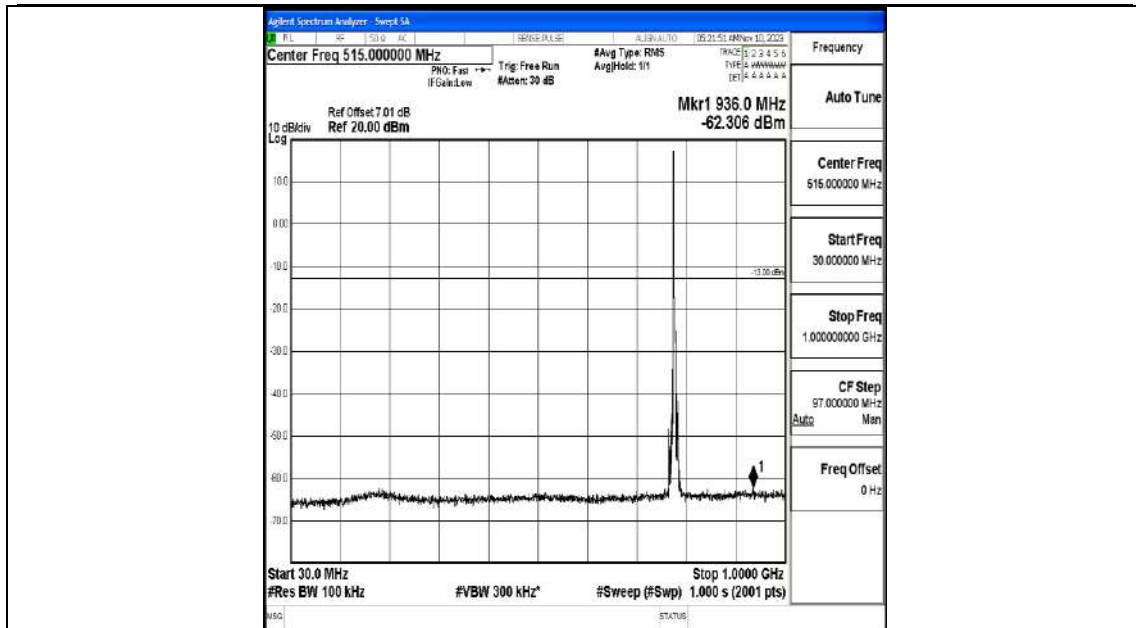
Band13_5MHz_16QAM_23205_1RB#0_3000~10000_3000~10000



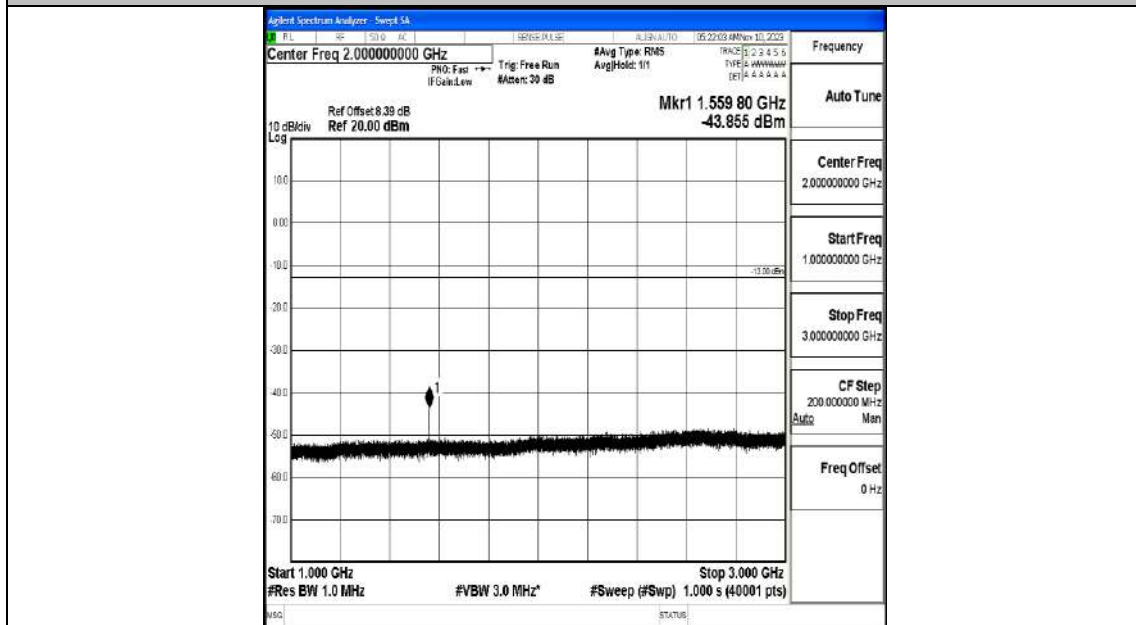
Band13_5MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



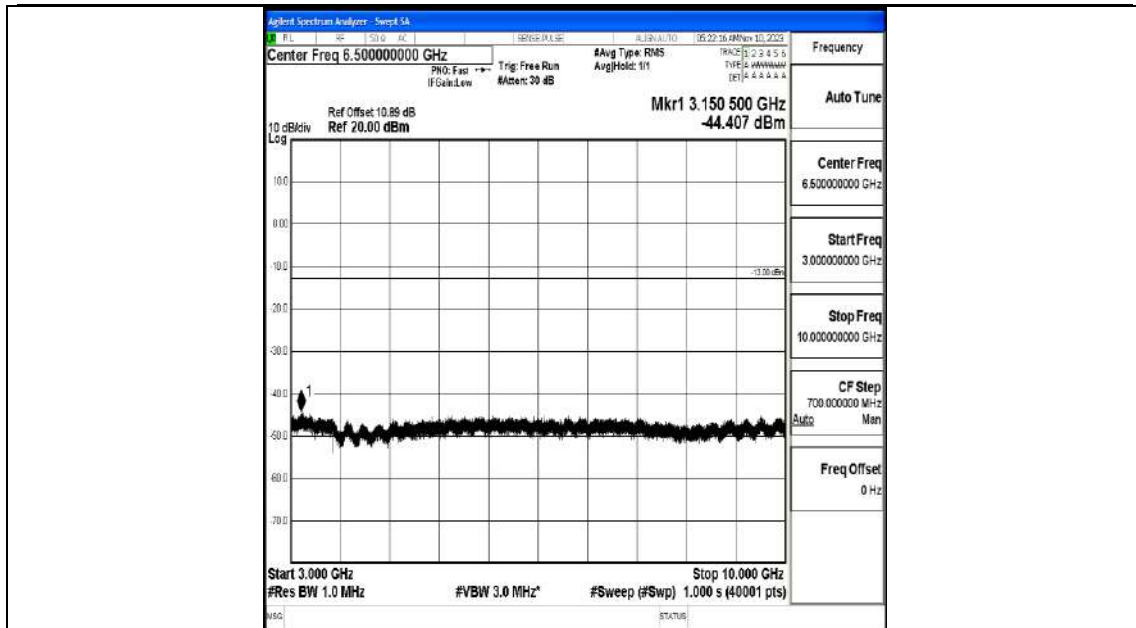
Band13_5MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



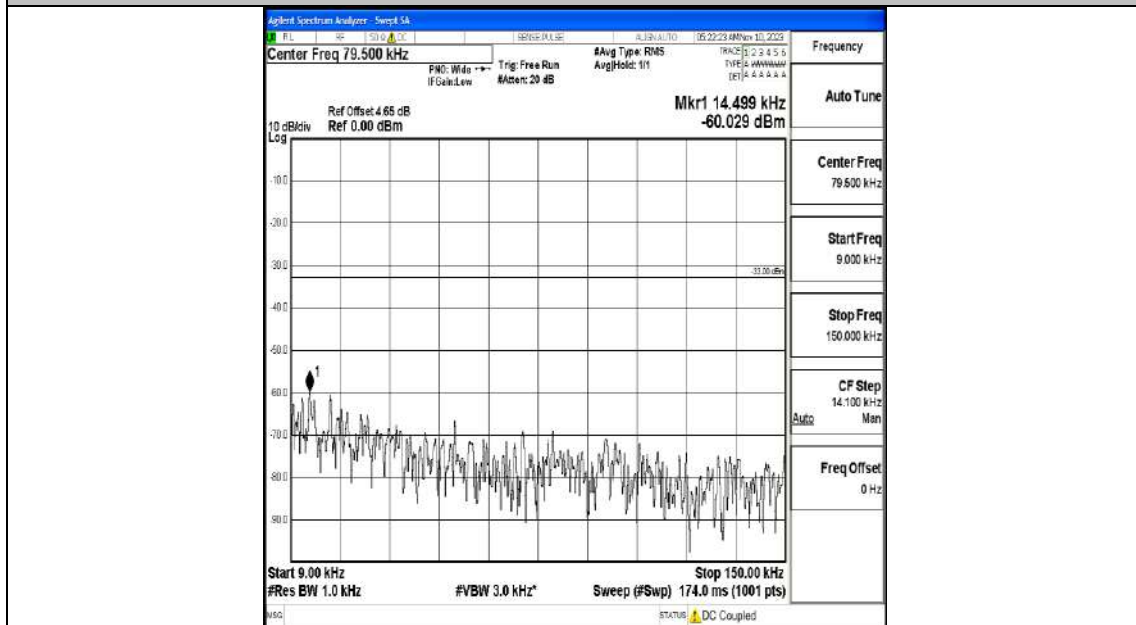
Band13_5MHz_QPSK_23230_1RB#0_30~1000_30~1000



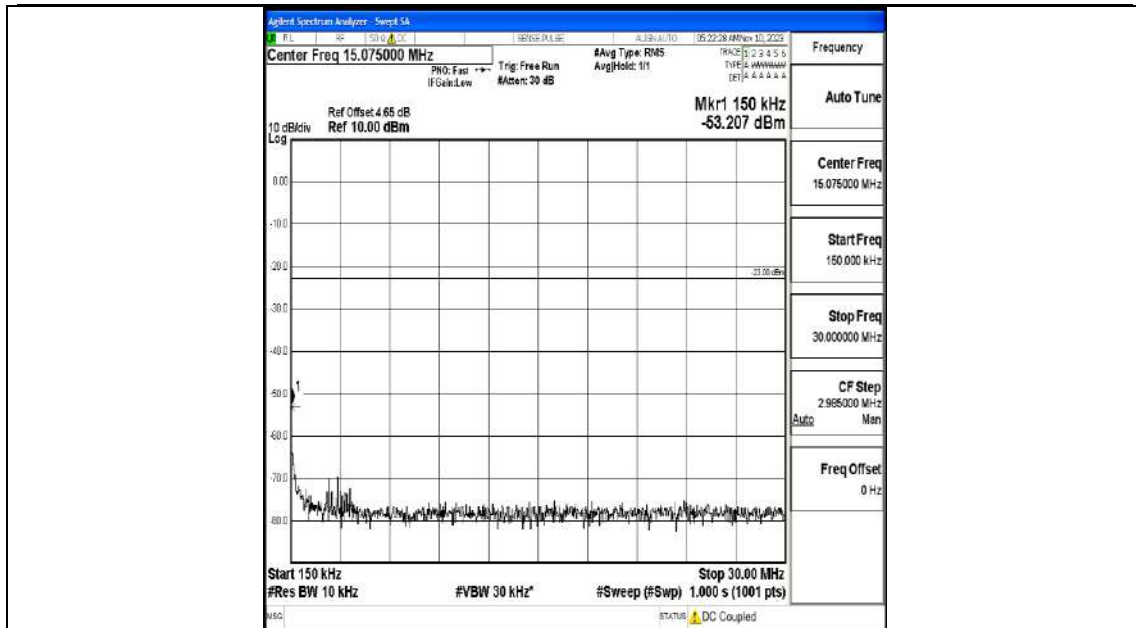
Band13_5MHz_QPSK_23230_1RB#0_1000~3000_1000~3000



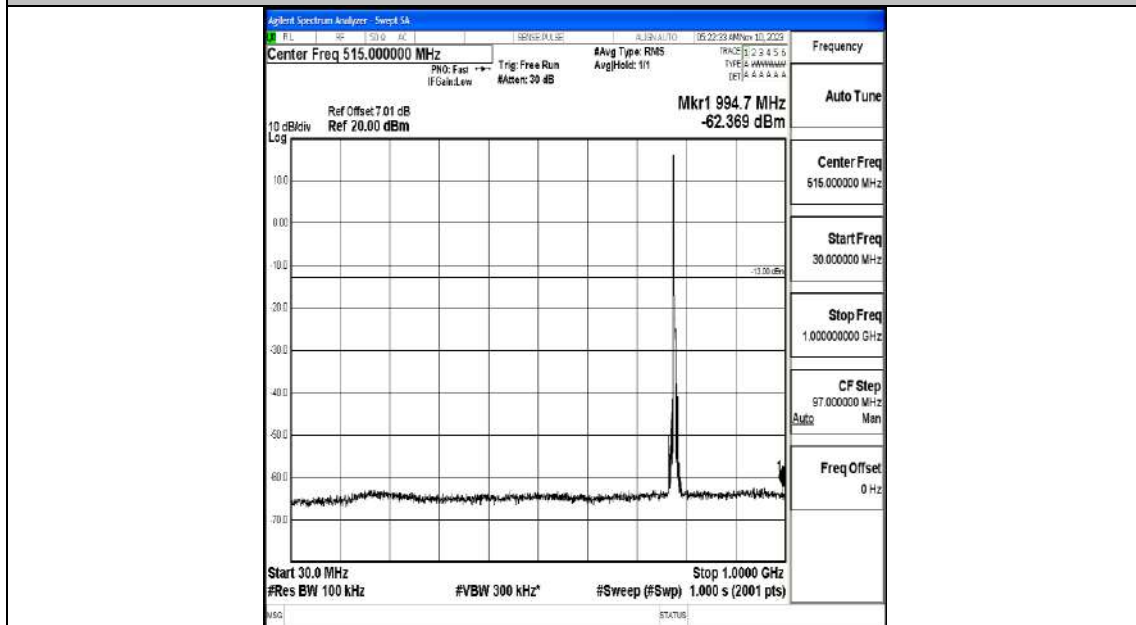
Band13_5MHz_QPSK_23230_1RB#0_3000~10000_3000~10000



Band13_5MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15



Band13_5MHz_16QAM_23230_1RB#0_0.15~30_0.15~30

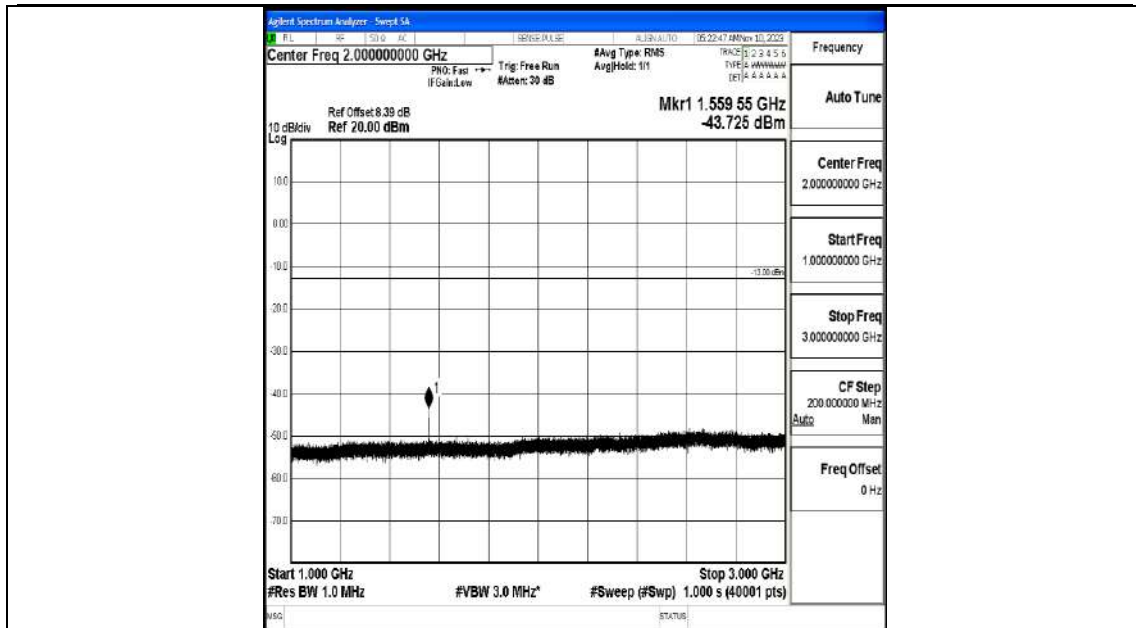


Band13_5MHz_16QAM_23230_1RB#0_30~1000_30~1000

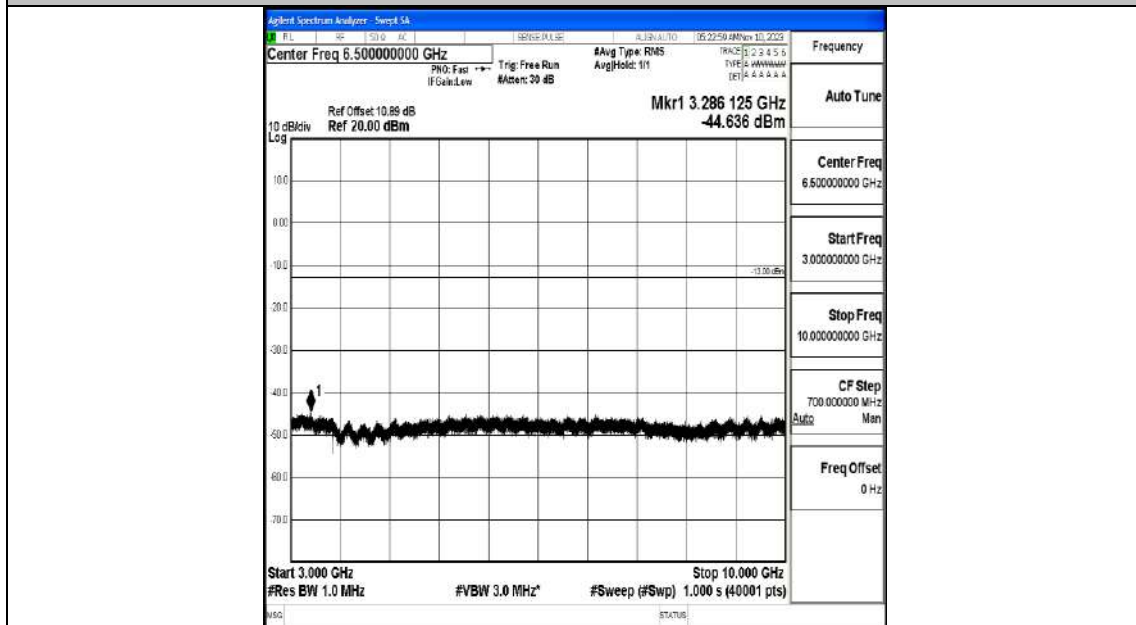


FCC ID: 2ALIJF40

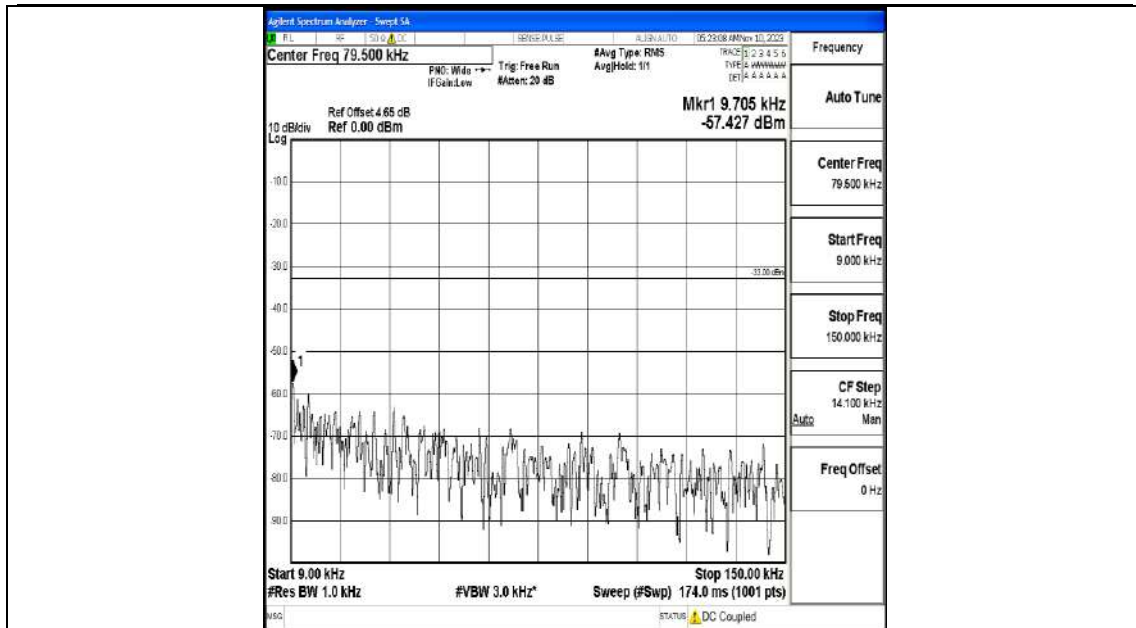
Report No.: LCSA10263049EF



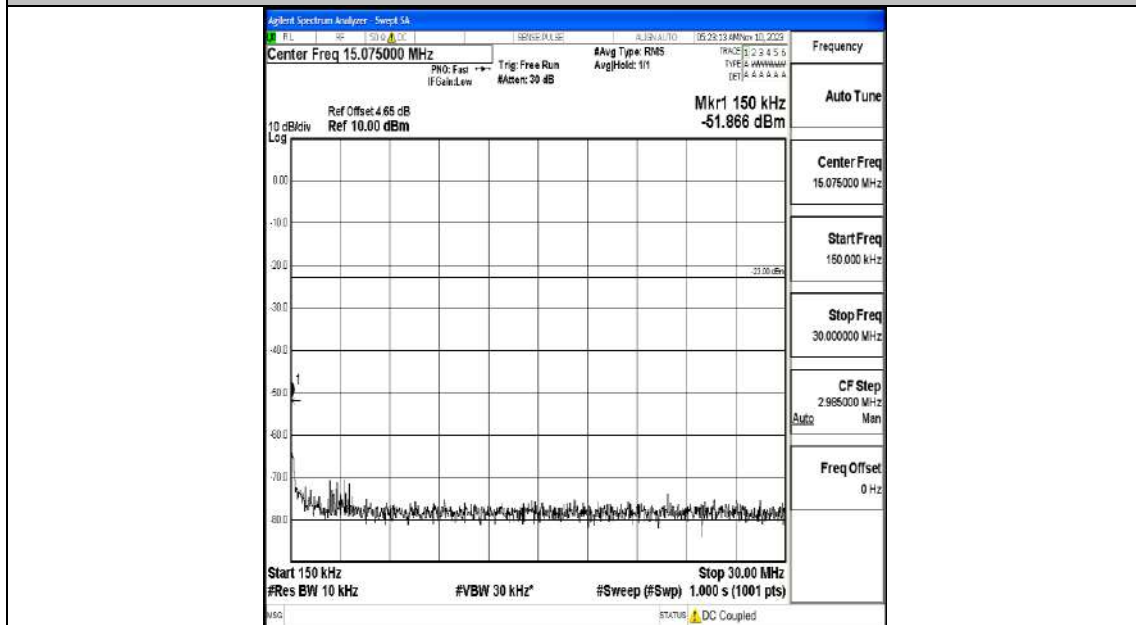
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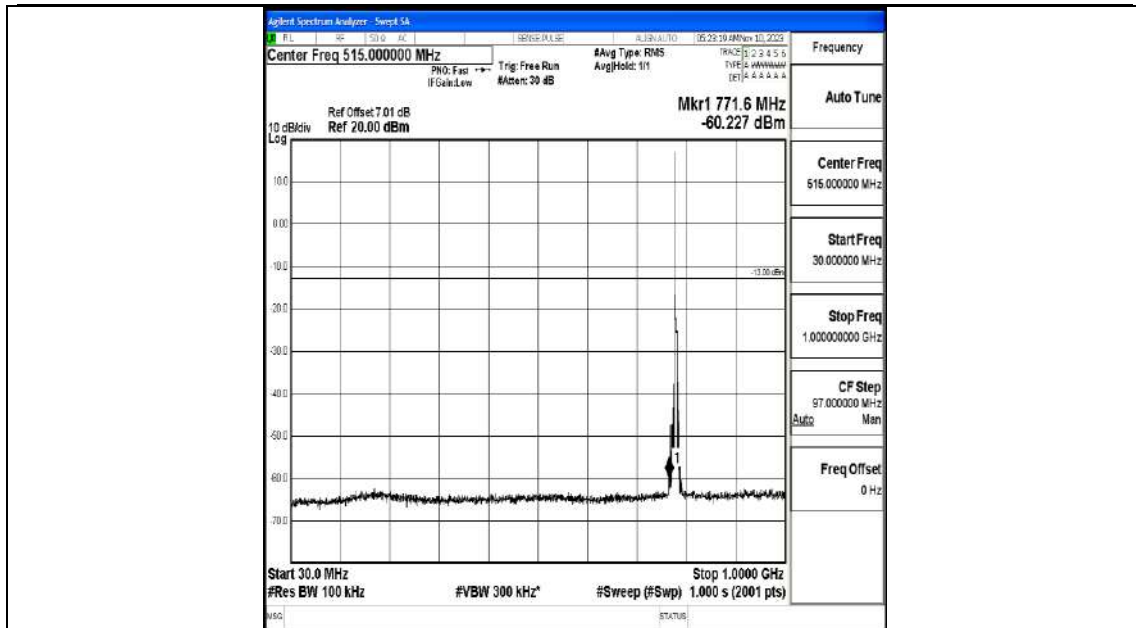
Band13_5MHz_16QAM_23230_1RB#0_3000~10000_3000~10000



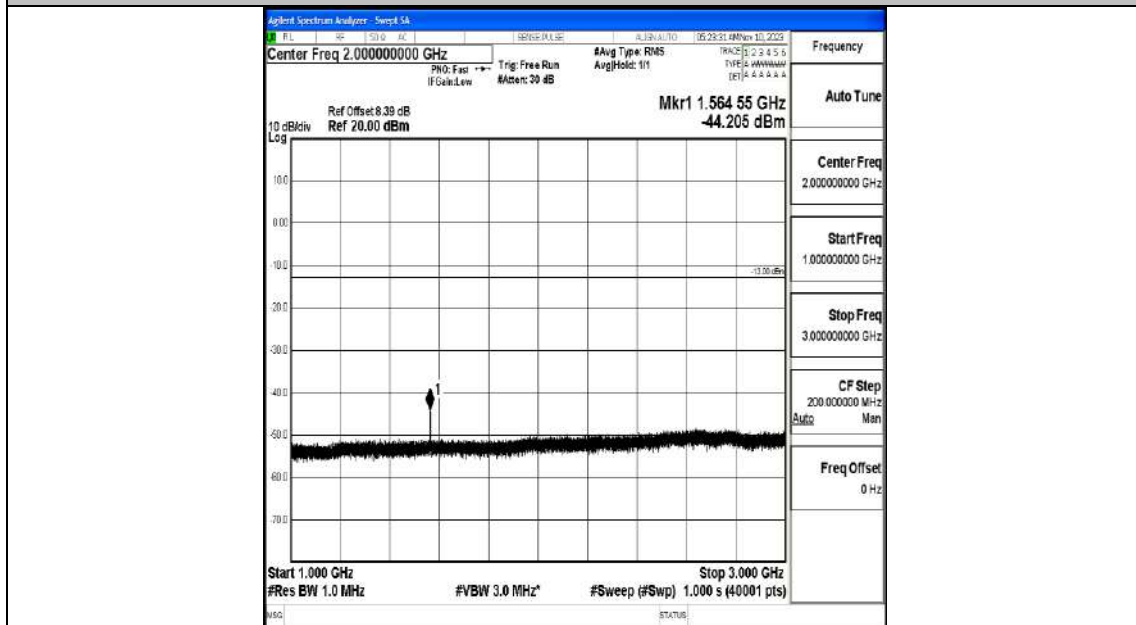
Band13_5MHz_QPSK_23255_1RB#0_0.009~0.15_0.009~0.15



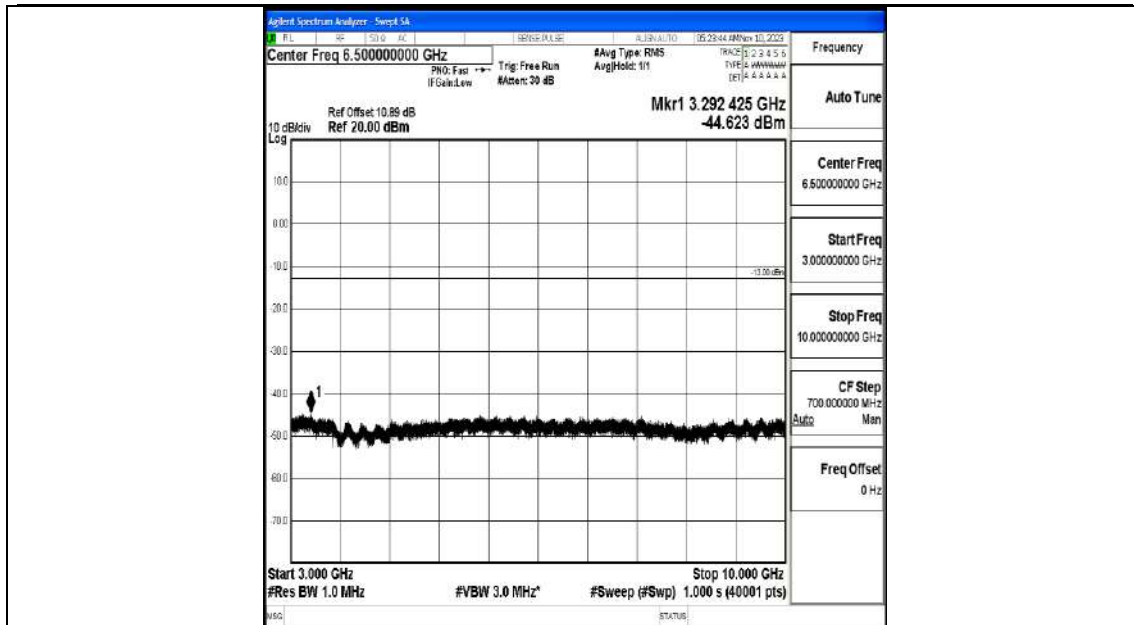
Band13_5MHz_QPSK_23255_1RB#0_0.15~30_0.15~30



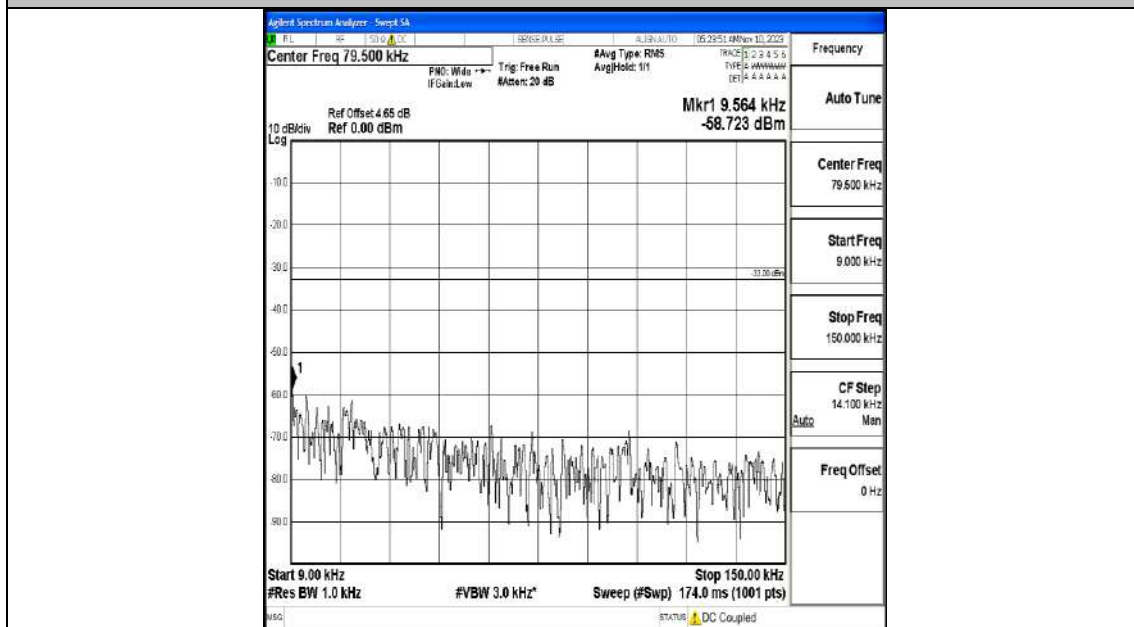
Band13_5MHz_QPSK_23255_1RB#0_30~1000_30~1000



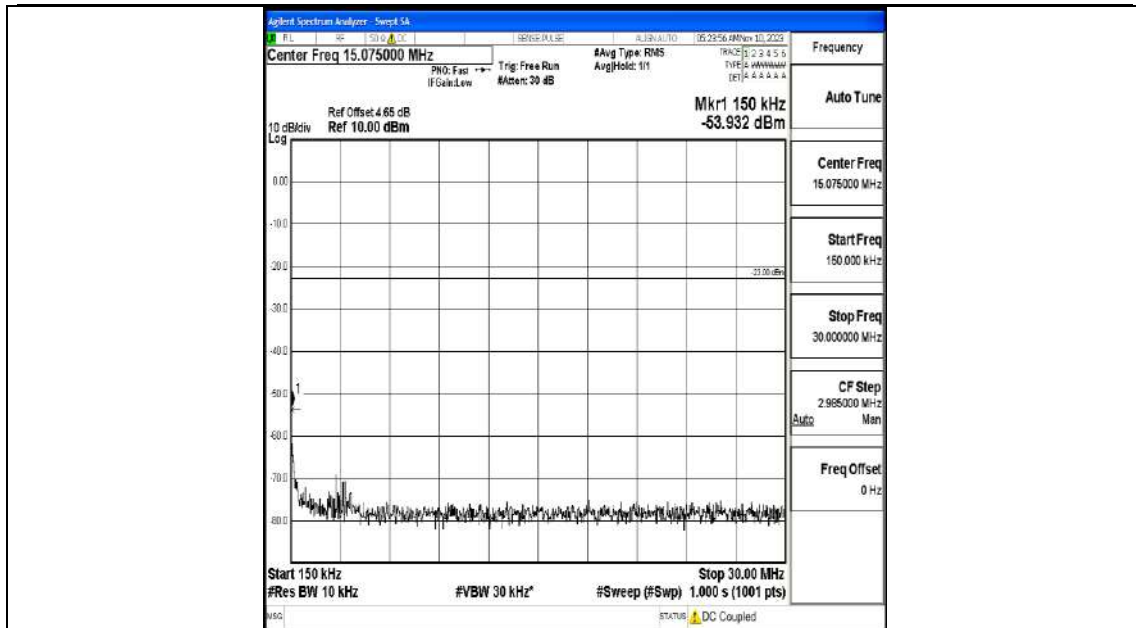
Band13_5MHz_QPSK_23255_1RB#0_1000~3000_1000~3000



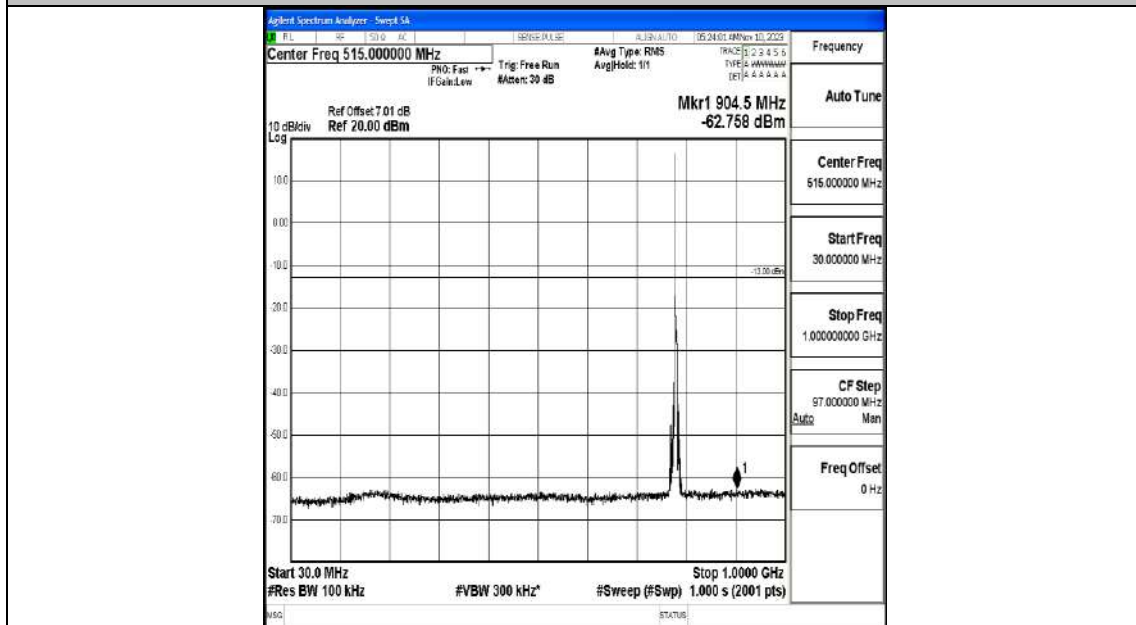
Band13_5MHz_QPSK_23255_1RB#0_3000~10000_3000~10000



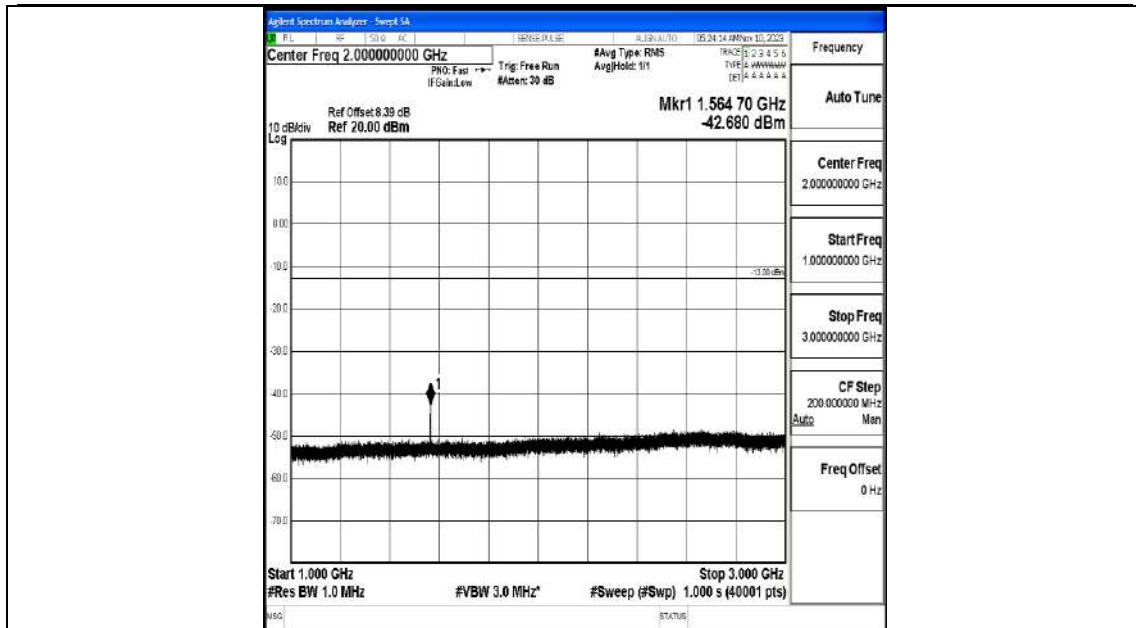
Band13 5MHz 16QAM 23255 1RB#0 0.009~0.15 0.009~0.15



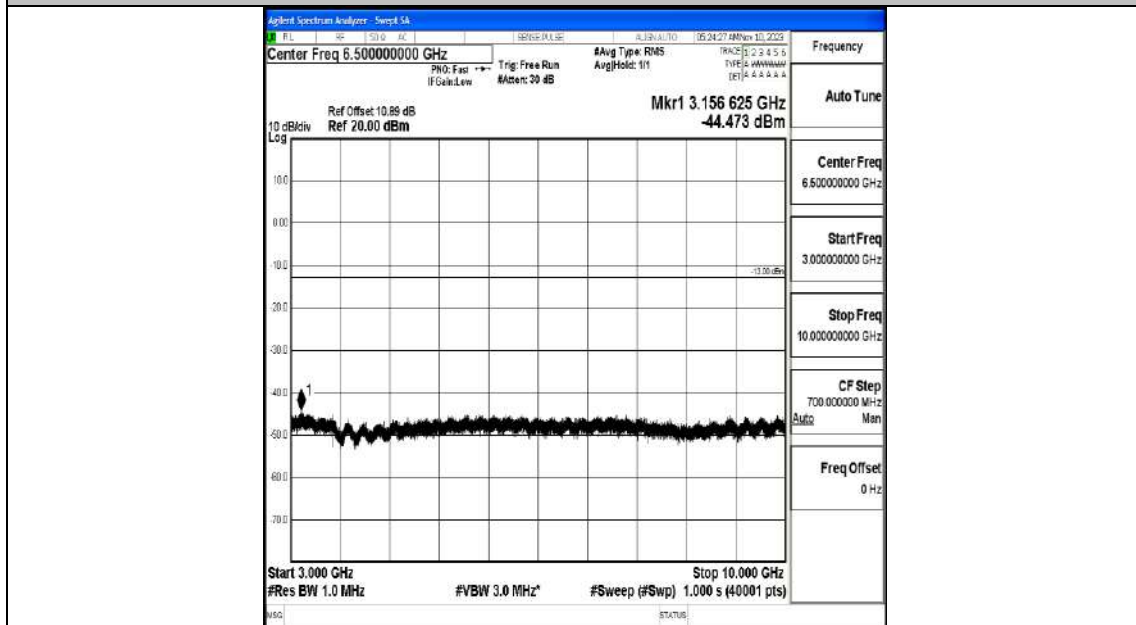
Band13_5MHz_16QAM_23255_1RB#0_0.15~30_0.15~30



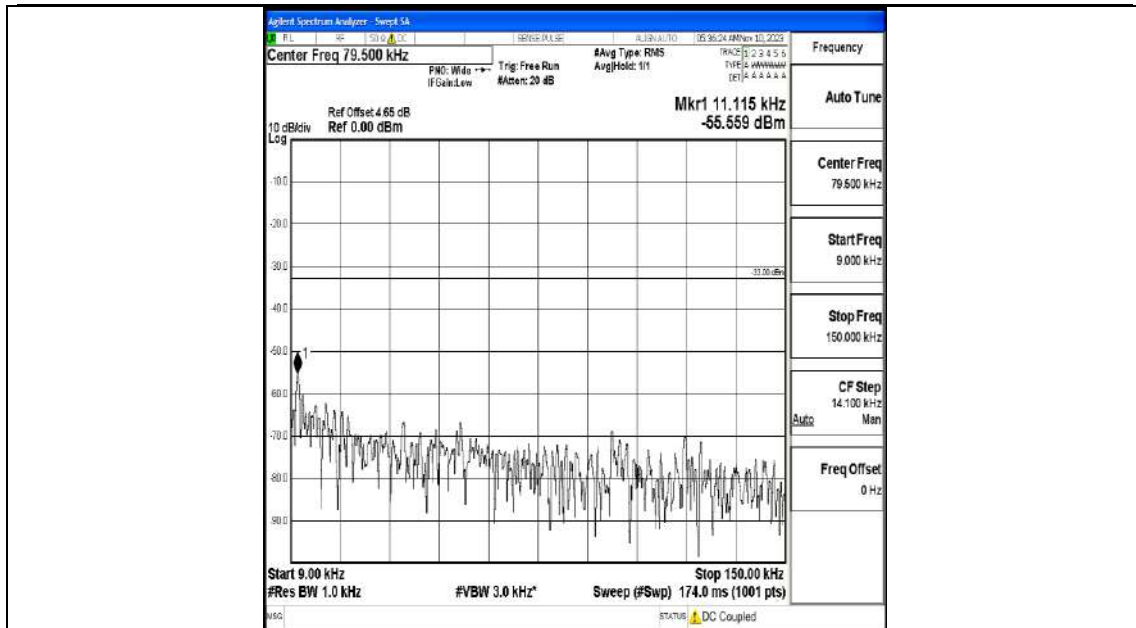
Band13_5MHz_16QAM_23255_1RB#0_30~1000_30~1000



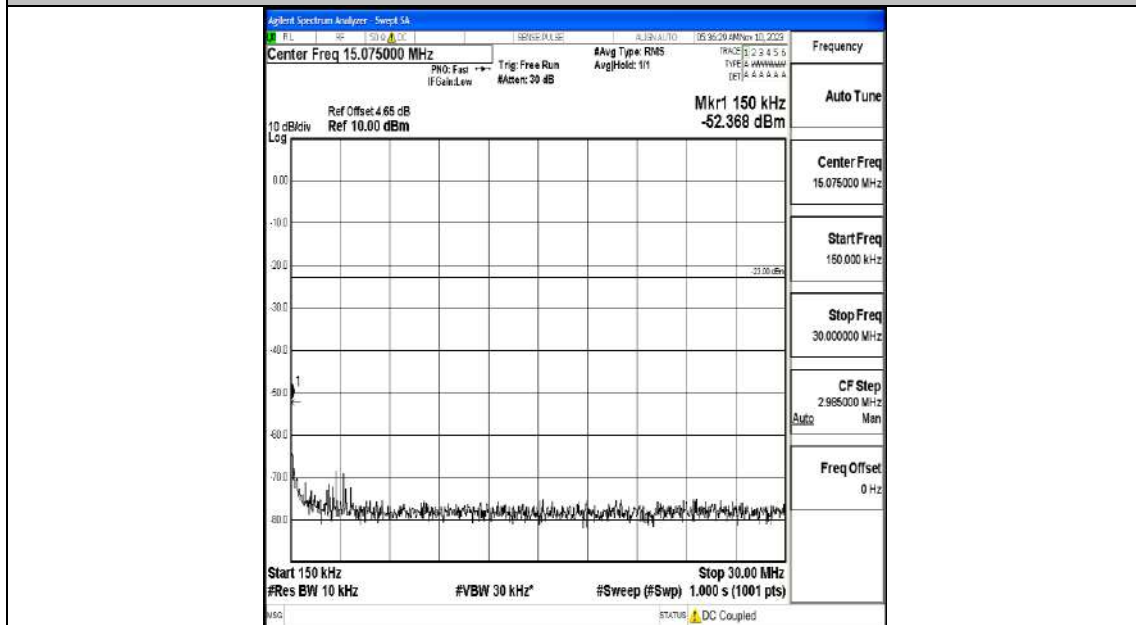
Band13_5MHz_16QAM_23255_1RB#0_1000~3000_1000~3000



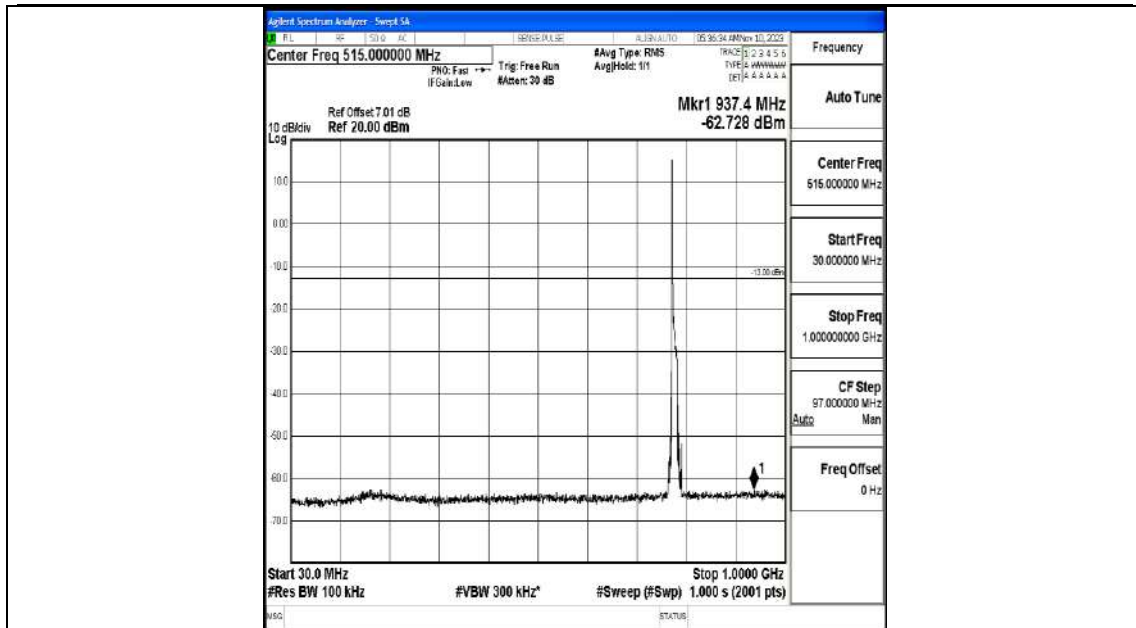
Band13_5MHz_16QAM_23255_1RB#0_3000~10000_3000~10000



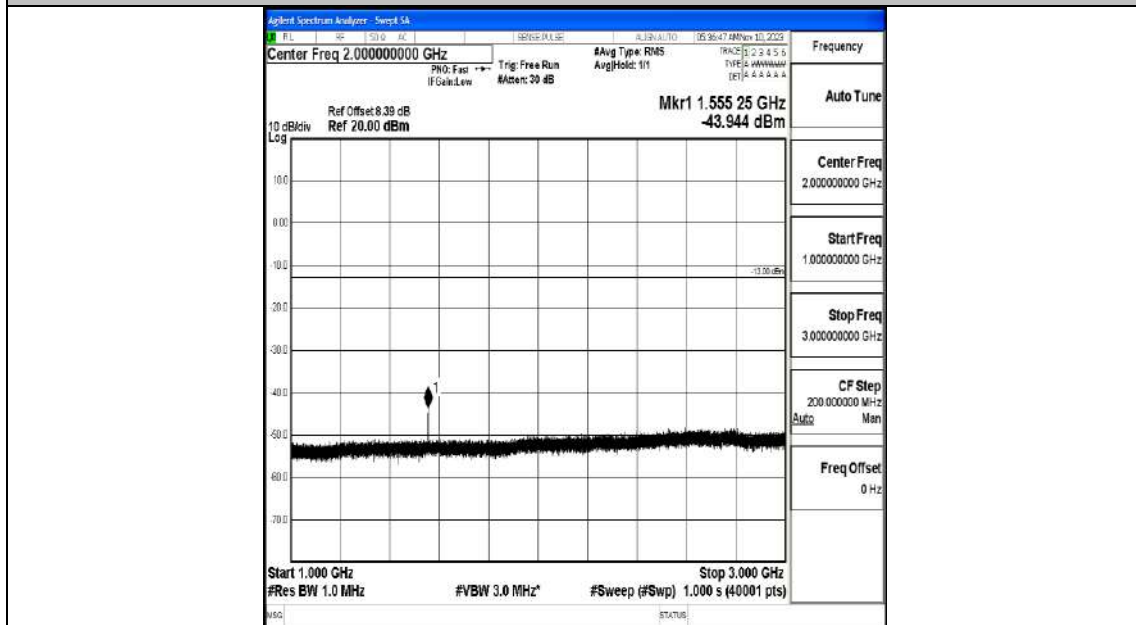
Band13_10MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



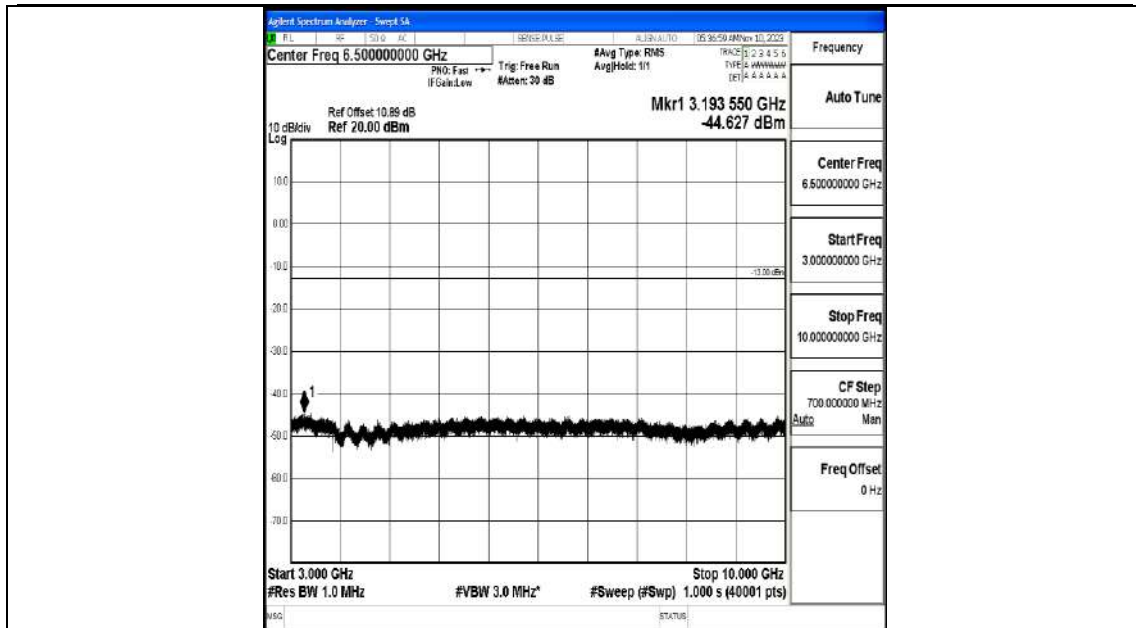
Band13_10MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



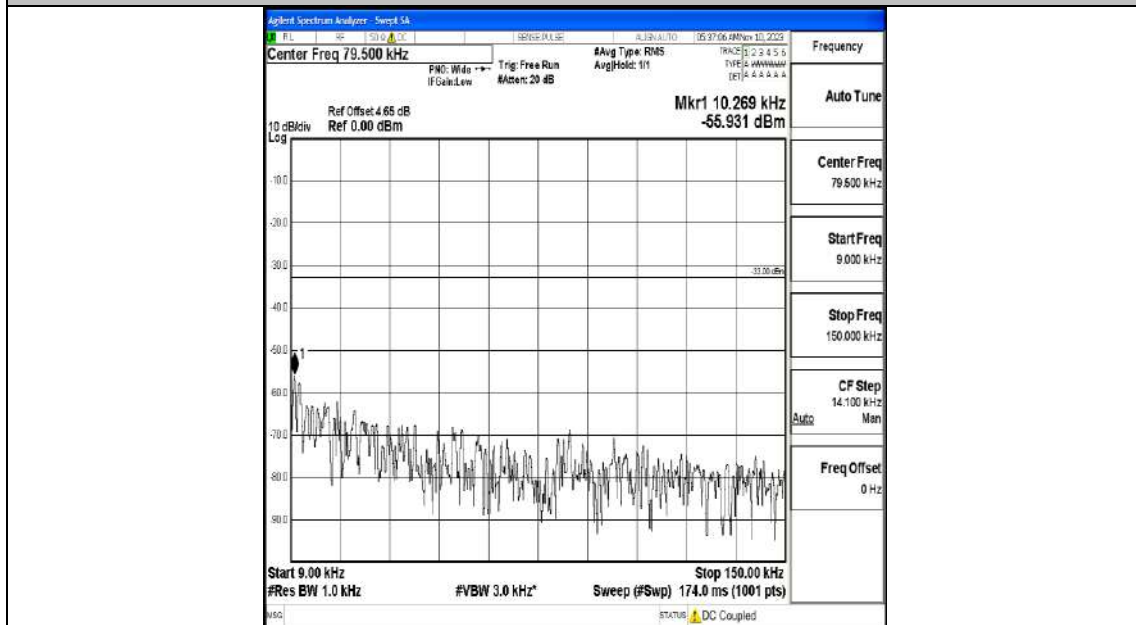
Band13_10MHz_QPSK_23230_1RB#0_30~1000_30~1000



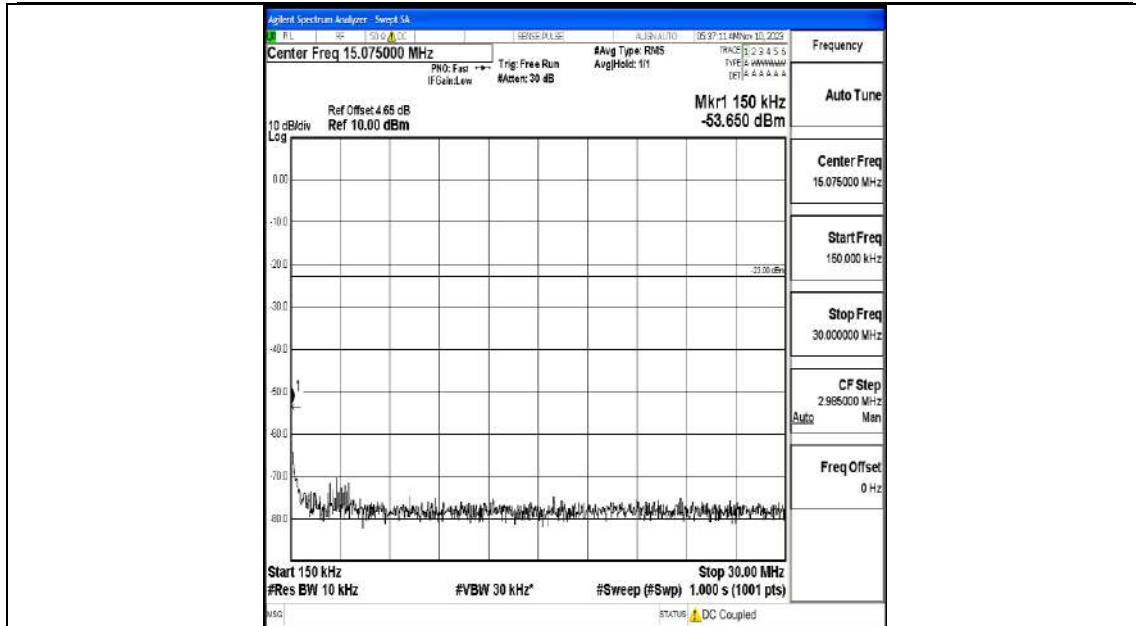
Band13_10MHz_QPSK_23230_1RB#0_1000~3000_1000~3000



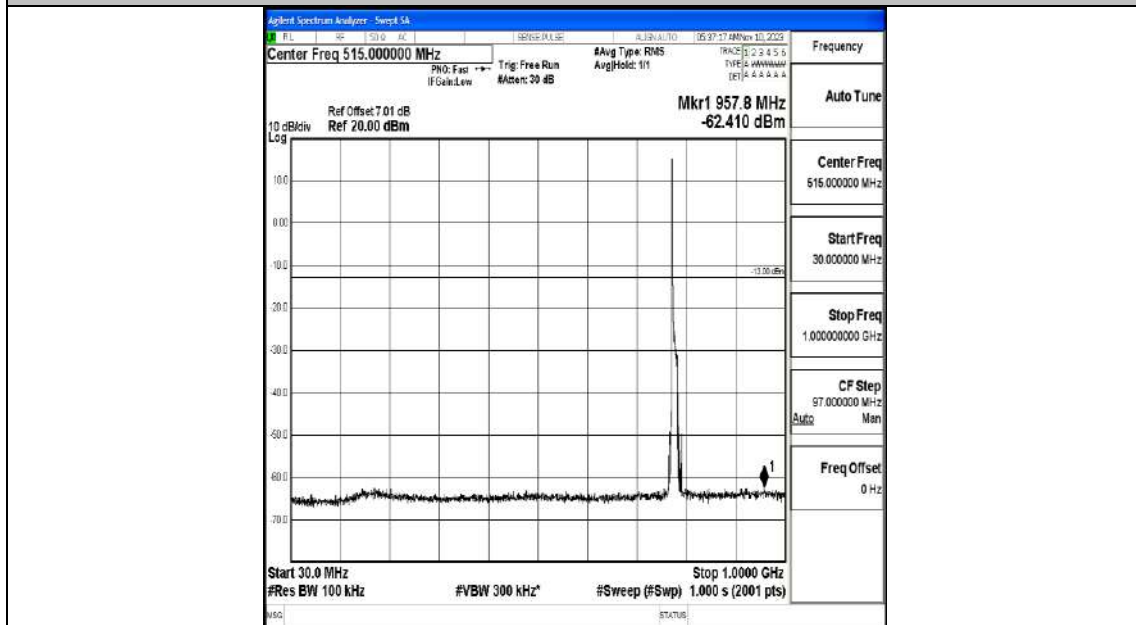
Band13_10MHz_QPSK_23230_1RB#0_3000~10000_3000~10000



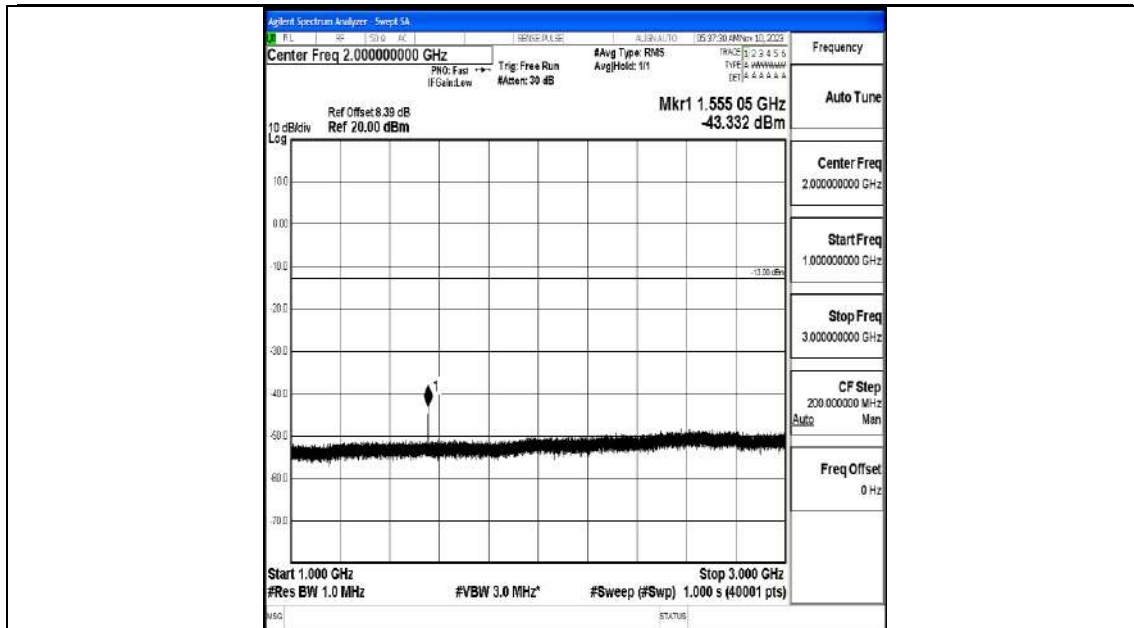
Band13_10MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15



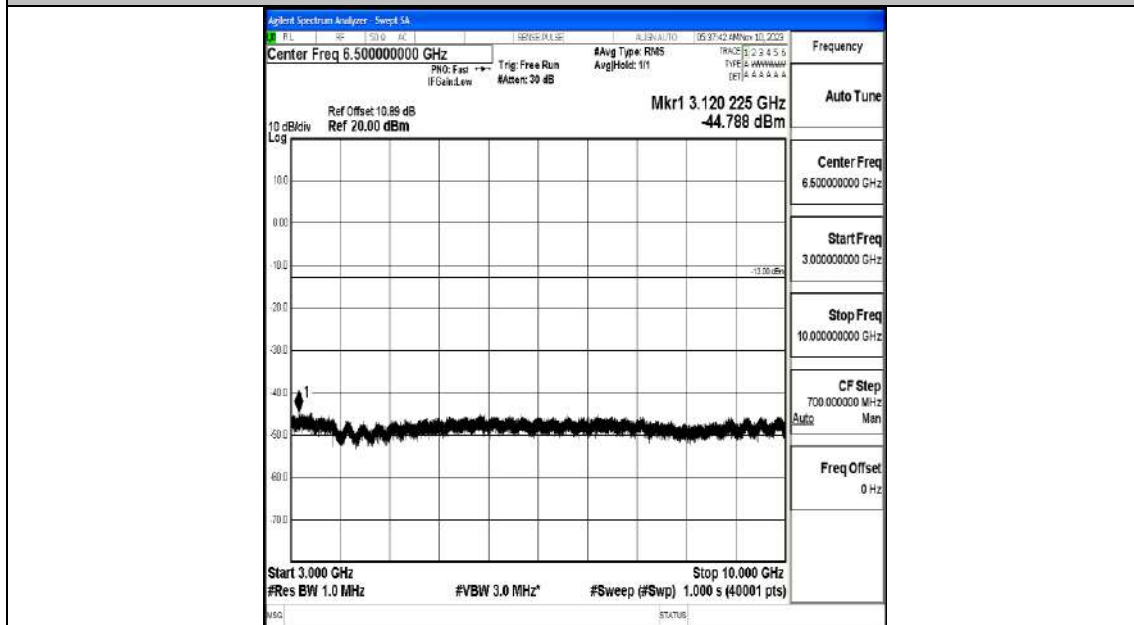
Band13_10MHz_16QAM_23230_1RB#0_0.15~30_0.15~30



Band13_10MHz_16QAM_23230_1RB#0_30~1000_30~1000



Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000



Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000