

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	ERP (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	24.02	1.77	23.64	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.29	1.77	23.91	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.84	1.77	23.46	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.99	1.77	22.61	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.29	1.77	22.91	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.13	1.77	22.75	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.14	1.77	22.76	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.19	1.77	23.81	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.26	1.77	23.88	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.81	1.77	23.43	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.13	1.77	22.75	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.16	1.77	22.78	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.26	1.77	22.88	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.06	1.77	22.68	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.11	1.77	23.73	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.01	1.77	23.63	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.27	1.77	22.89	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.13	1.77	22.75	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.09	1.77	22.71	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.08	1.77	22.70	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.05	1.77	22.67	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.18	1.77	22.80	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.19	1.77	22.81	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.41	1.77	23.03	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.95	1.77	21.57	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.04	1.77	21.66	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.05	1.77	21.67	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.12	1.77	21.74	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.15	1.77	22.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.13	1.77	22.75	PASS

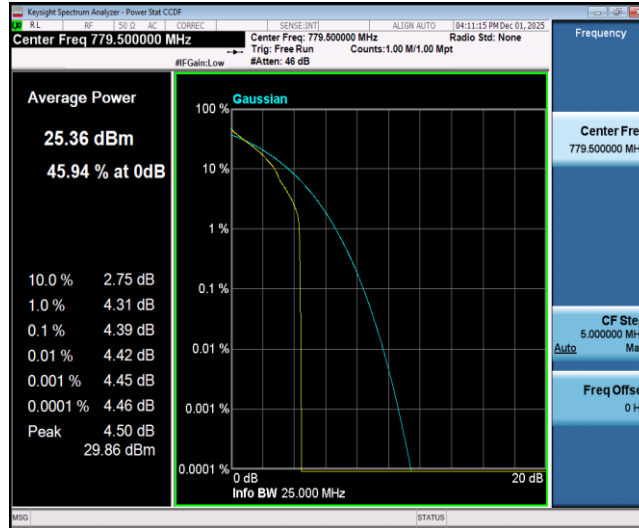
Band13	5MHz	16QAM	23230	1RB#24	22.83	1.77	22.45	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.91	1.77	21.53	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.10	1.77	21.72	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.89	1.77	21.51	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.01	1.77	21.63	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.68	1.77	22.30	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.02	1.77	22.64	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.29	1.77	21.91	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.12	1.77	21.74	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.83	1.77	21.45	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.91	1.77	21.53	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.20	1.77	21.82	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.80	1.77	22.42	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.06	1.77	23.68	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.36	1.77	21.98	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.23	1.77	22.85	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.24	1.77	22.86	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.02	1.77	22.64	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.07	1.77	22.69	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.01	1.77	21.63	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.32	1.77	22.94	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.59	1.77	21.21	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.17	1.77	21.79	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.17	1.77	21.79	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.03	1.77	21.65	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.07	1.77	21.69	PASS

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

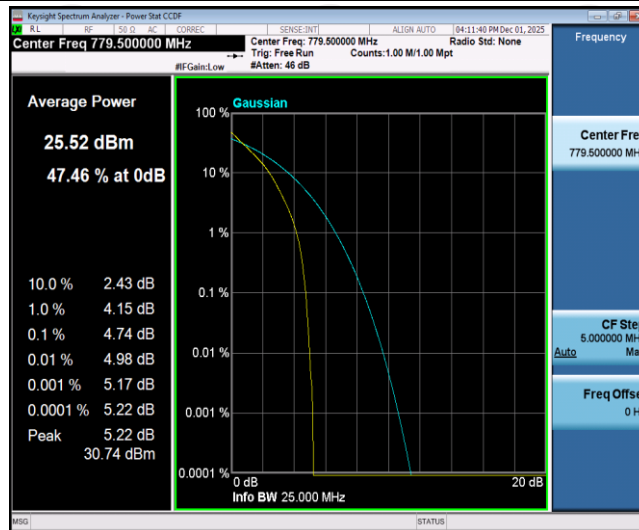
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.39	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.74	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.25	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.78	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.32	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.79	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.26	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.63	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.14	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.68	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.06	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.73	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.55	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.75	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.43	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.70	13	PASS

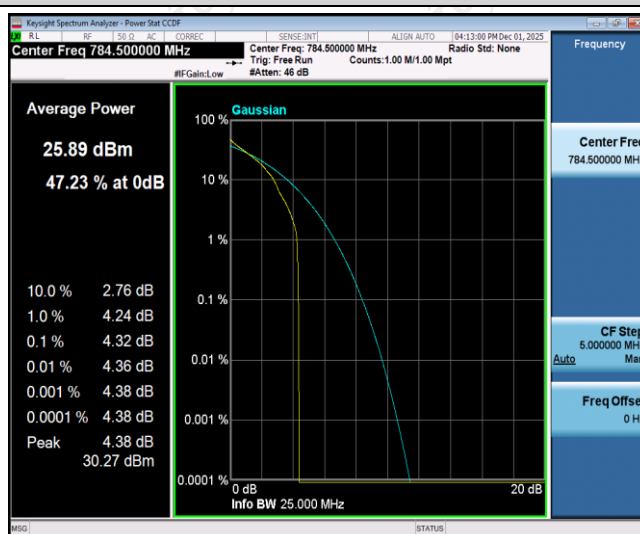
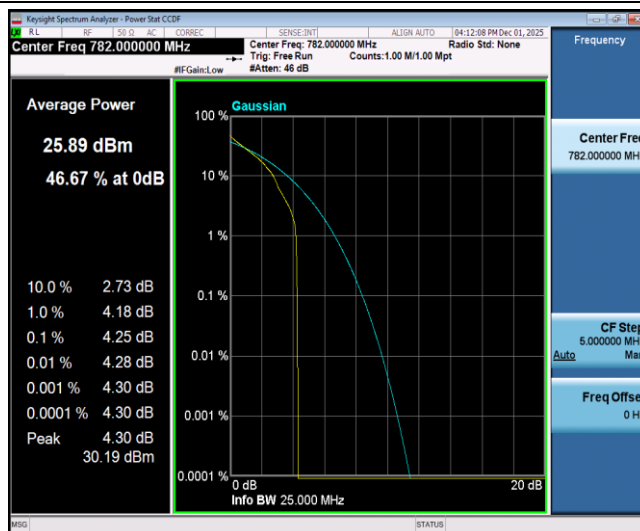
Test Graphs

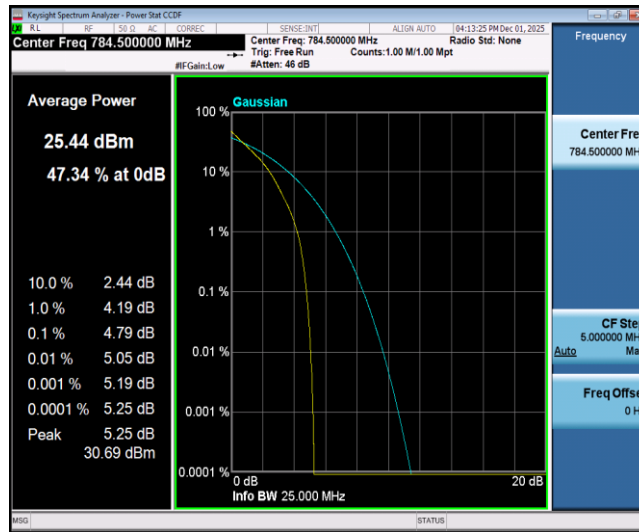


Band13-5MHz-QPSK-23205-1RB#0

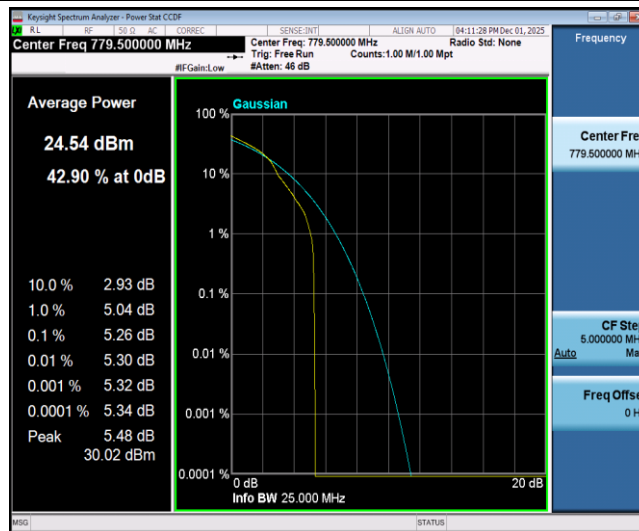


Band13-5MHz-QPSK-23205-25RB#0

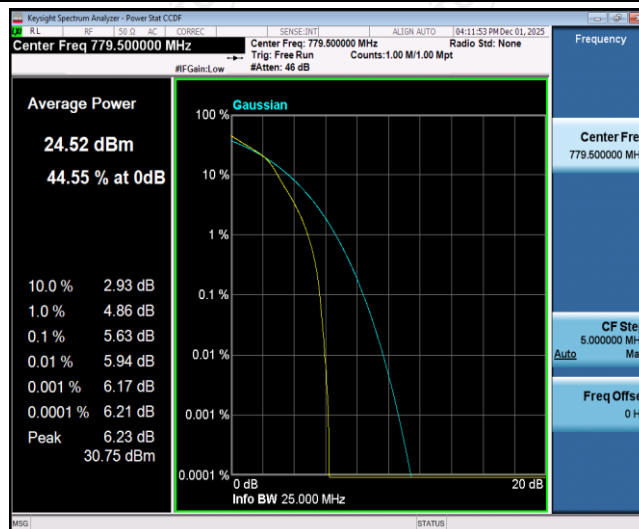




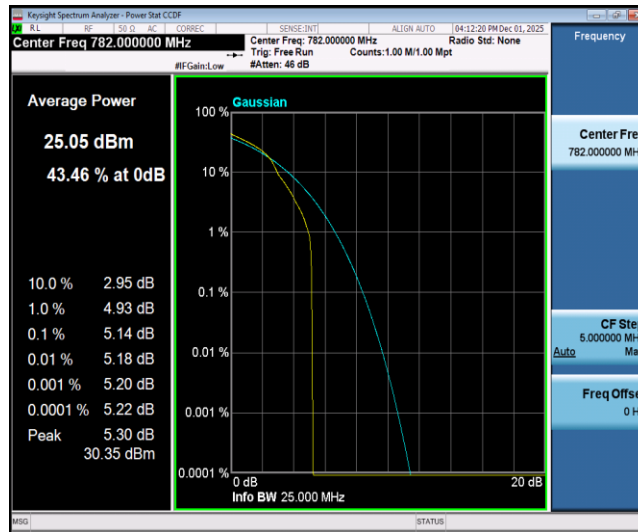
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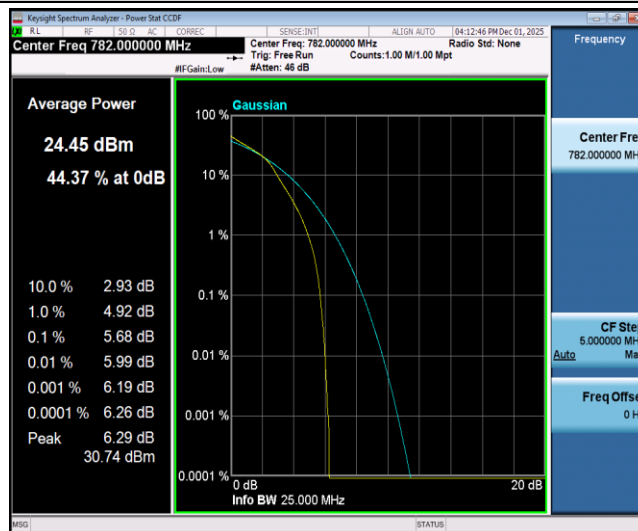
Band13-5MHz-16QAM-23205-1RB#0



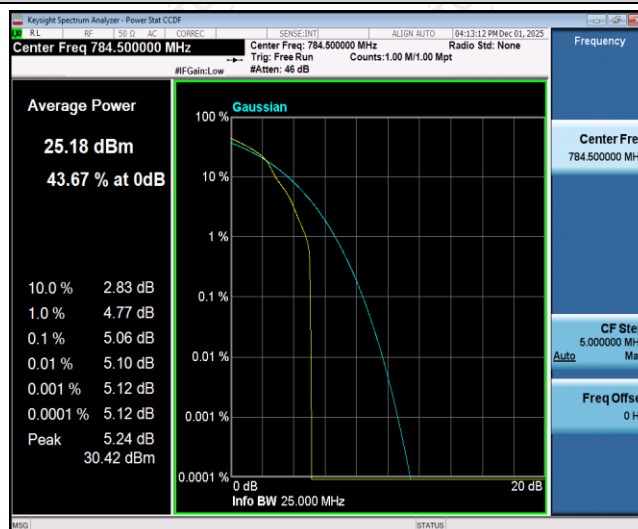
Band13-5MHz-16QAM-23205-25RB#0



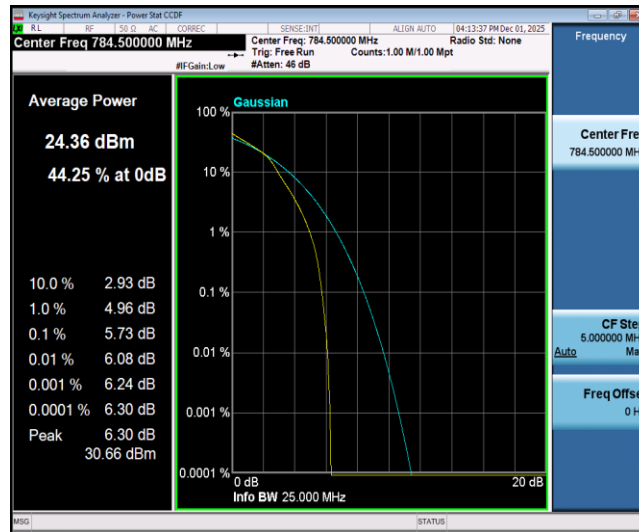
Band13-5MHz-16QAM-23230-1RB#0



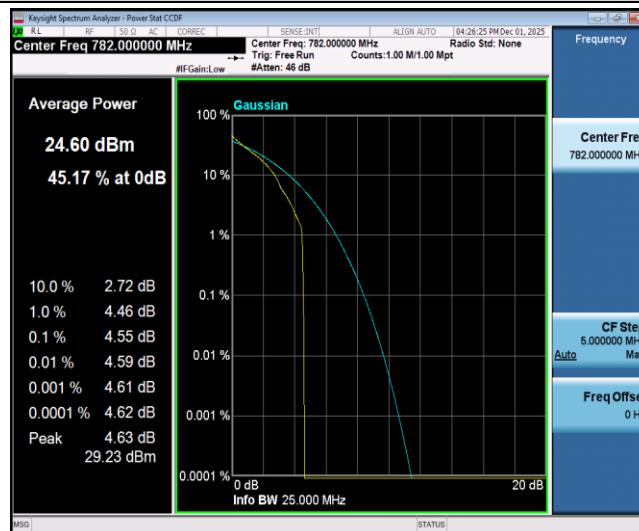
Band13-5MHz-16QAM-23230-25RB#0



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



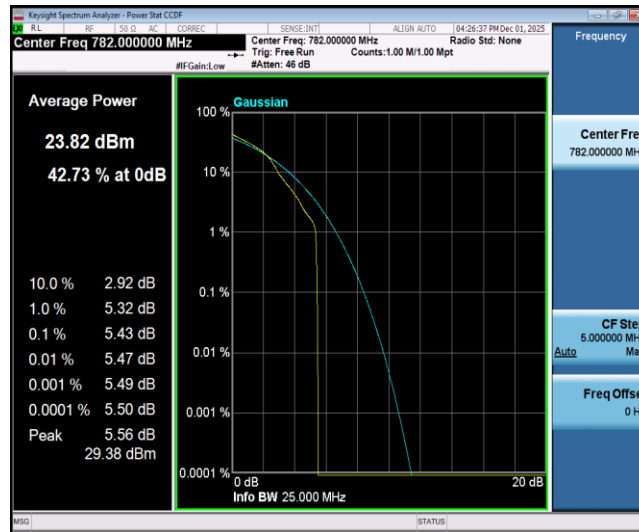
Band13-5MHz-16QAM-23255-25RB#0



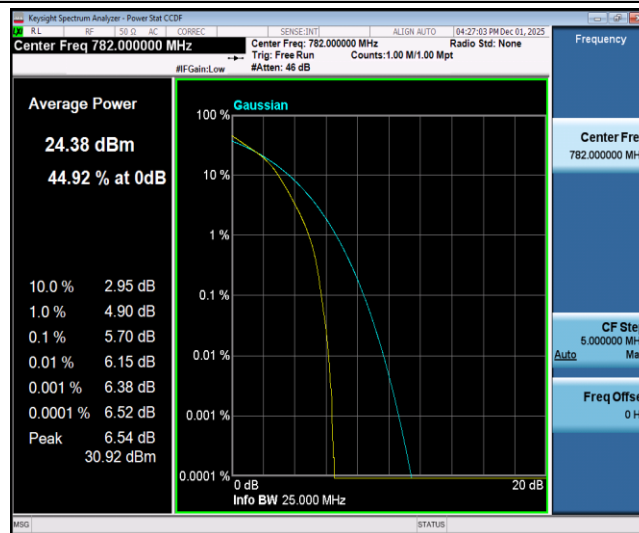
Band13-10MHz-QPSK-23230-1RB#0



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



Band13-10MHz-16QAM-23230-1RB#0



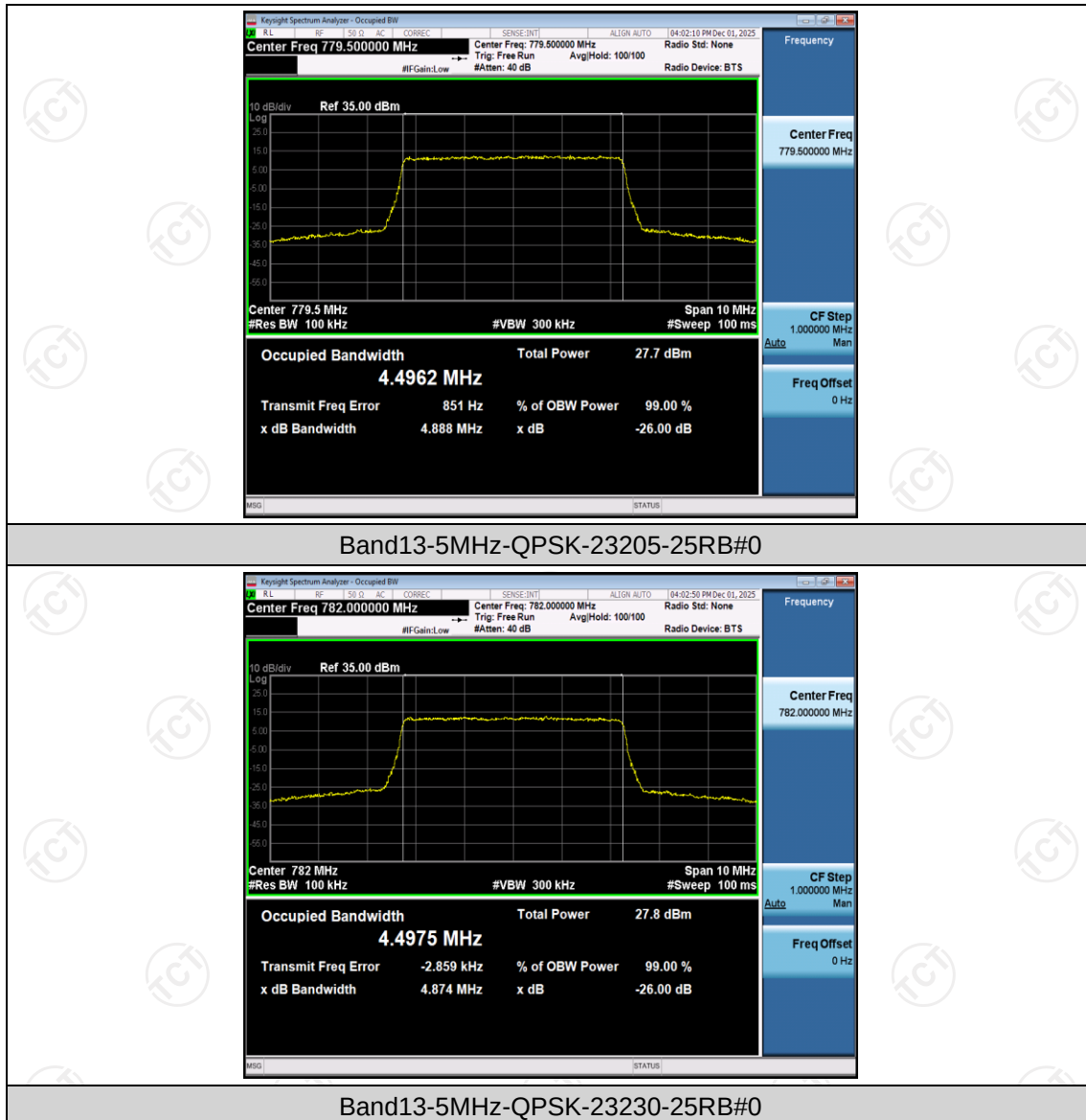
Band13-10MHz-16QAM-23230-50RB#0

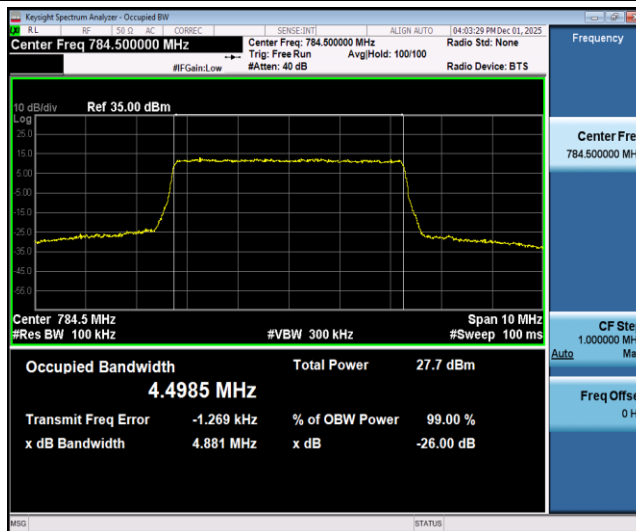
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

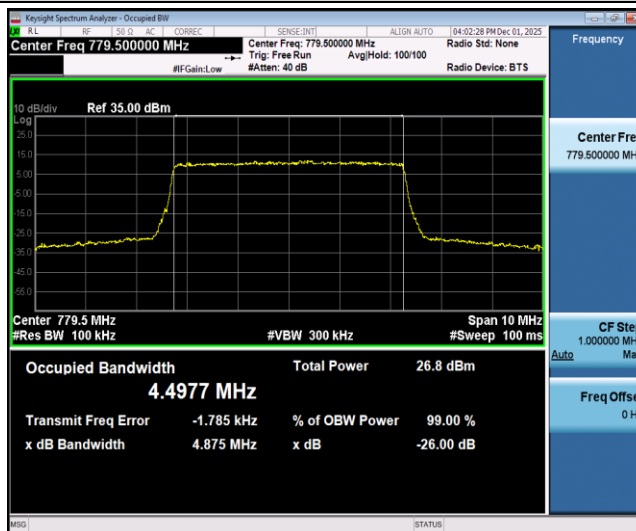
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4962	4.888	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4975	4.874	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4985	4.881	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4977	4.875	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5003	4.848	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5025	4.890	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9477	9.529	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9353	9.503	PASS

Test Graphs





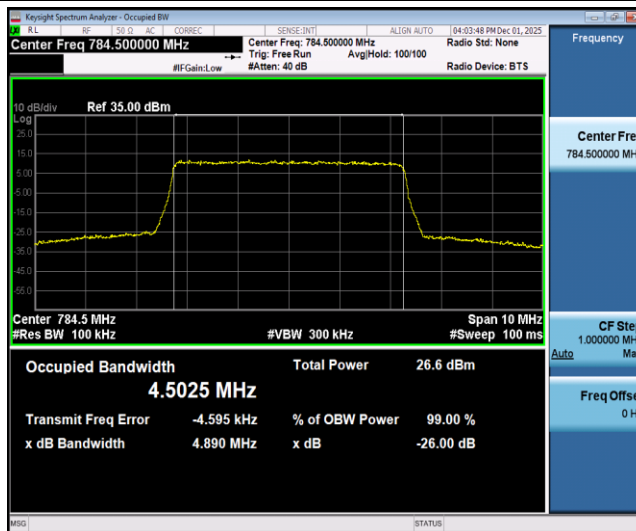
Band13-5MHz-QPSK-23255-25RB#0



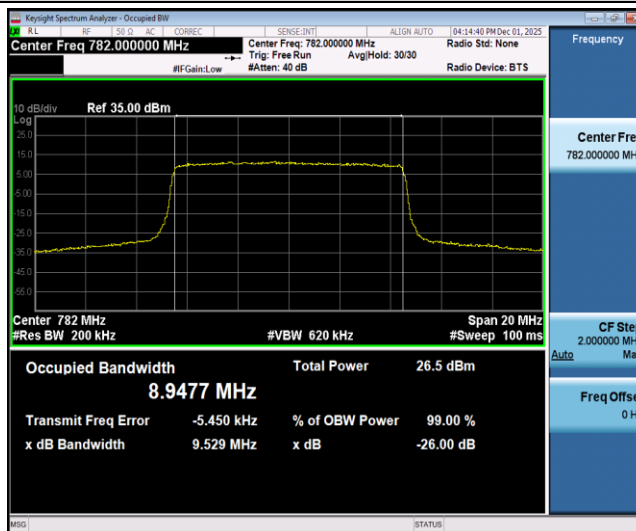
Band13-5MHz-16QAM-23205-25RB#0



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



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



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



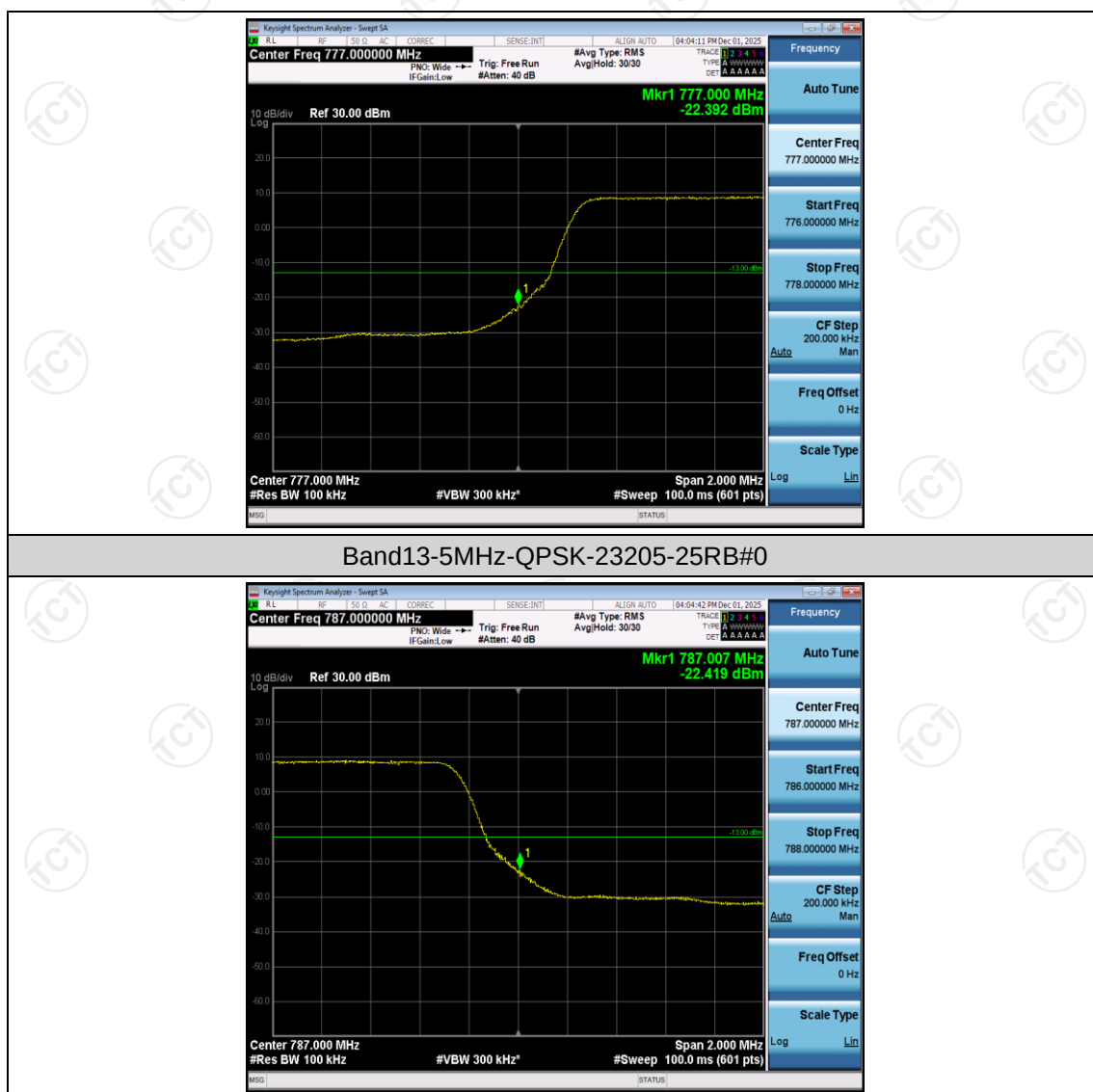
Band13-10MHz-16QAM-23230-50RB#0

Appendix D: Band Edge

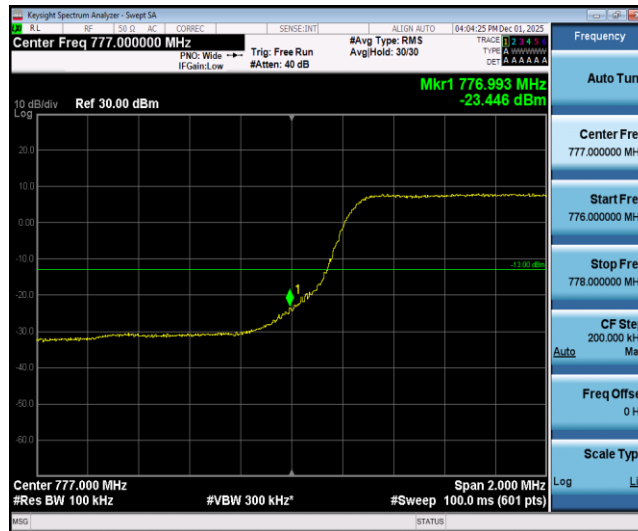
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-22.39	PASS
Band13	5MHz	QPSK	23255	25RB#0	-22.42	PASS
Band13	5MHz	16QAM	23205	25RB#0	-23.45	PASS
Band13	5MHz	16QAM	23255	25RB#0	-23.89	PASS
Band13	10MHz	QPSK	23230	50RB#0	-24.74,-26.44	PASS
Band13	10MHz	16QAM	23230	50RB#0	-26.61,-26.96	PASS

Test Graphs



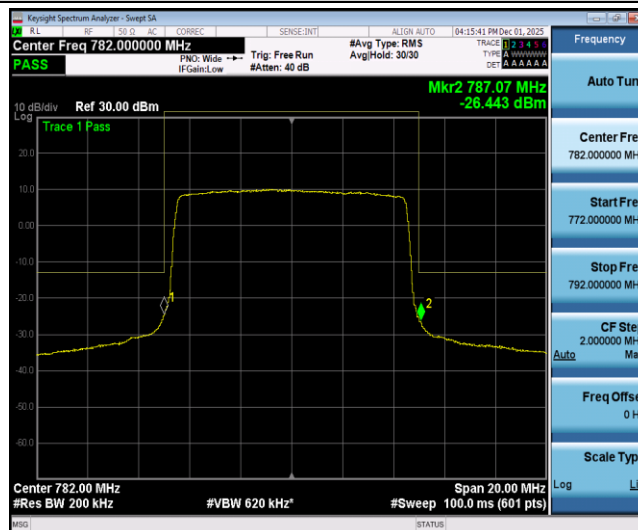
Band13-5MHz-QPSK-23255-25RB#0



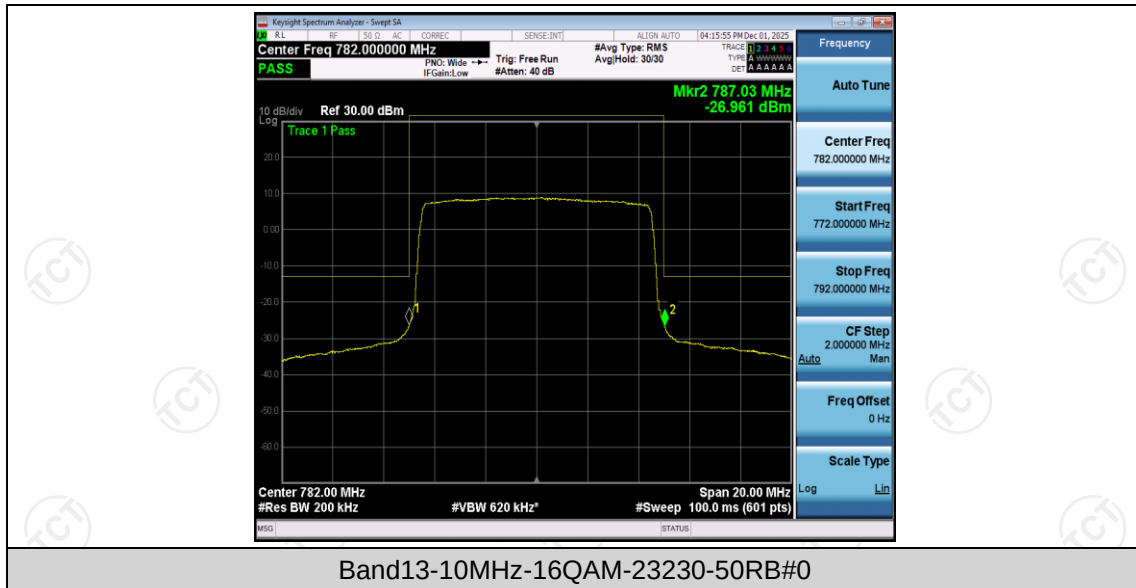
Band13-5MHz-16QAM-23205-25RB#0



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



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



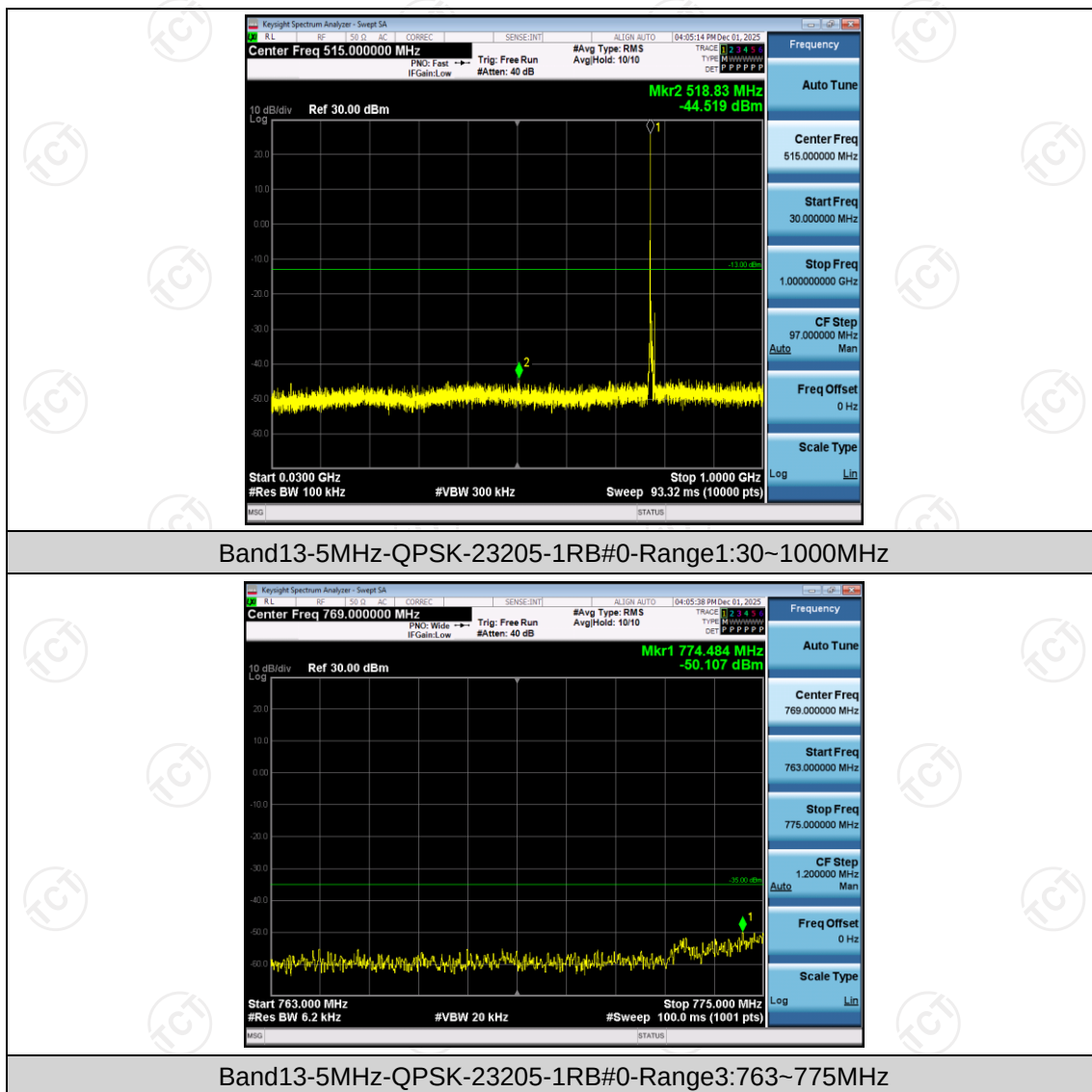
Appendix E: Conducted Spurious Emission

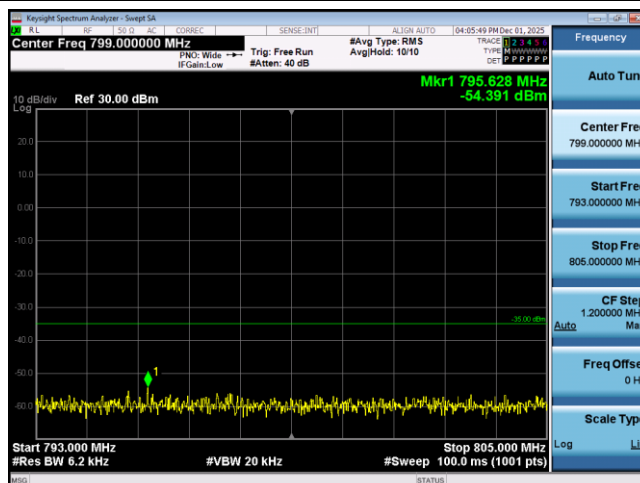
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-44.52	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-50.11	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-54.39	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-31.76	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-52.94	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-44.38	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-52.51	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-54.91	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-31.24	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-55.26	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-43.64	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-51.46	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-54.64	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-30.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-56.35	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-44.17	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-49.91	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-55.52	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-31.78	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-53.59	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-43.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-54.4	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-54.59	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-31.95	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-55.23	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-43.97	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-52.32	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-55.45	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-31.74	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-56.33	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-44.31	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-50.95	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-48.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-31.78	PASS

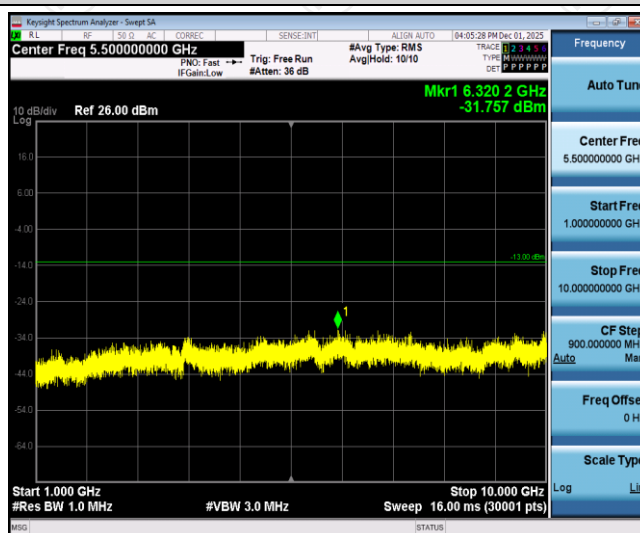
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-55.44	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-43.55	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-52.31	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-47.52	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-32.2	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-55.29	PASS

Test Graphs

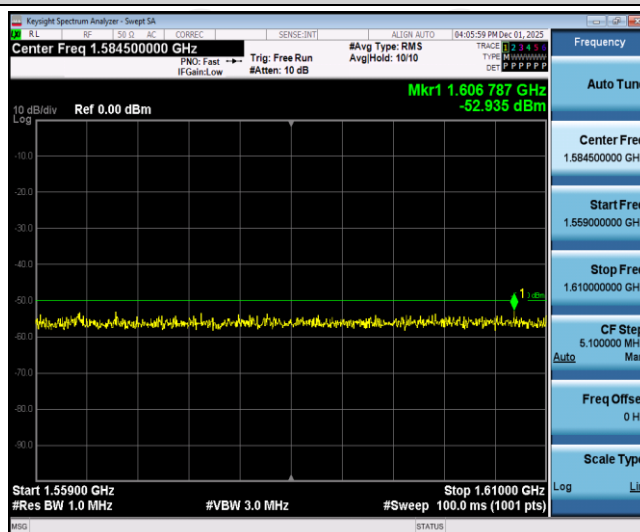




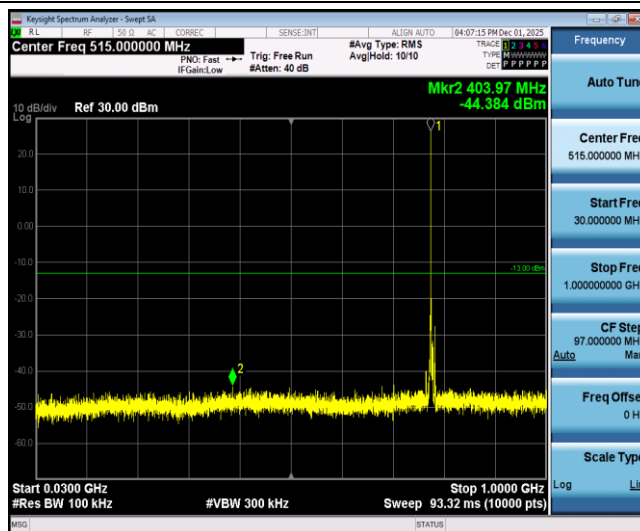
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



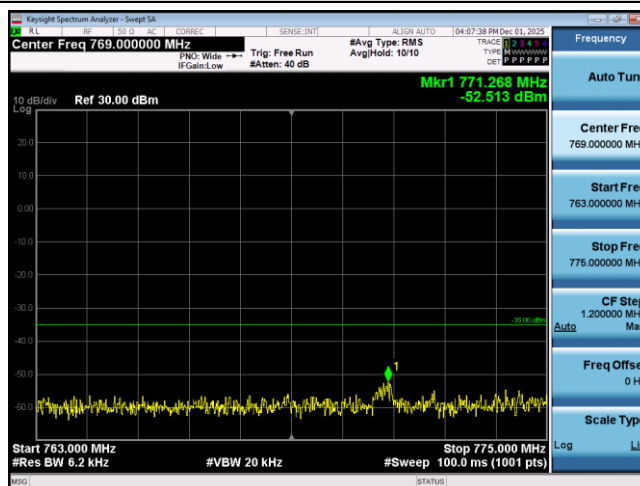
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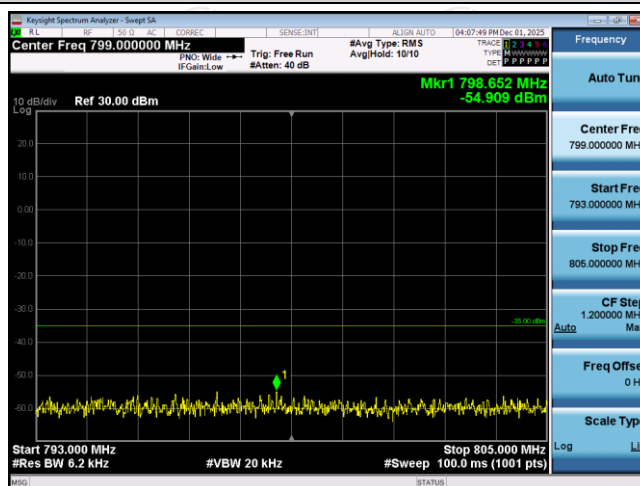
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



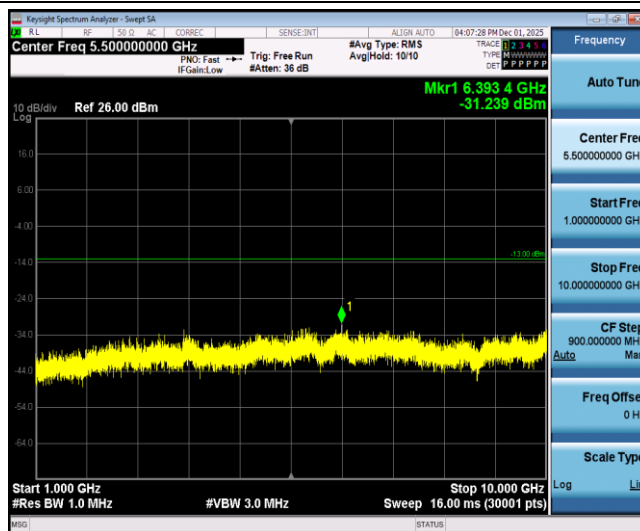
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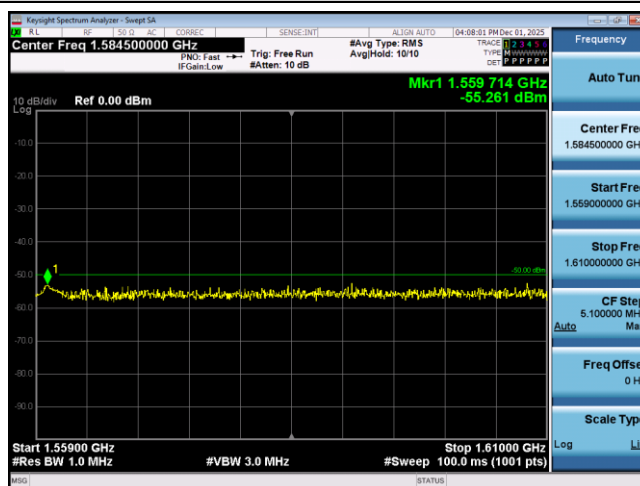
Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



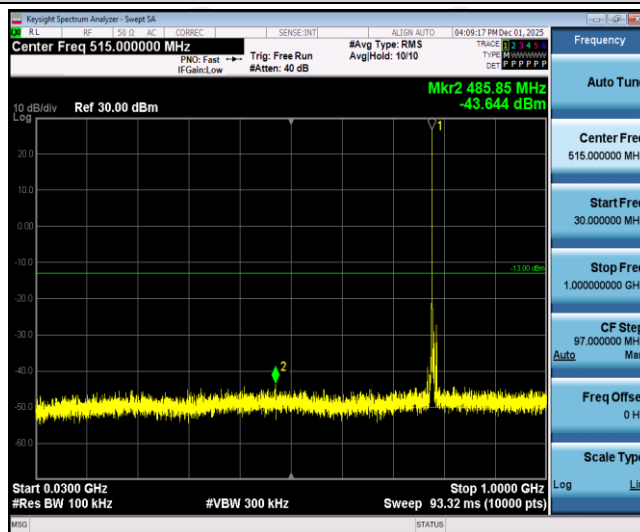
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



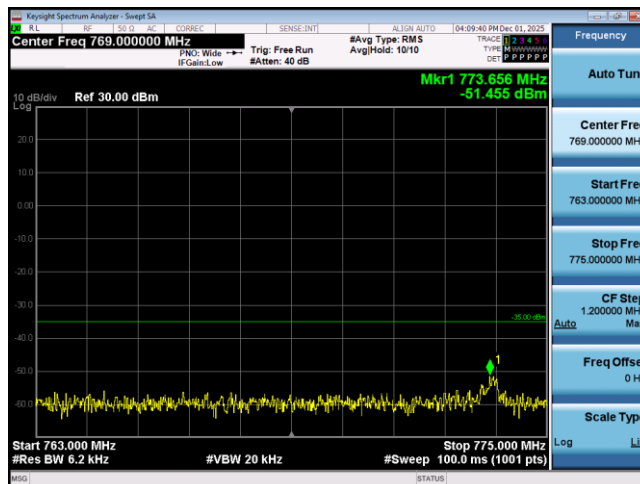
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



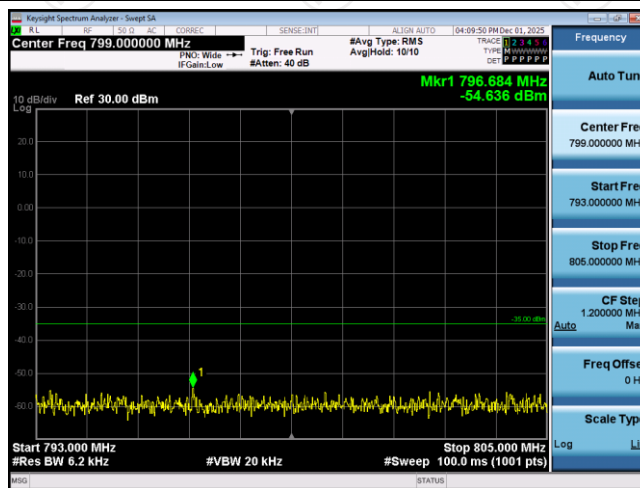
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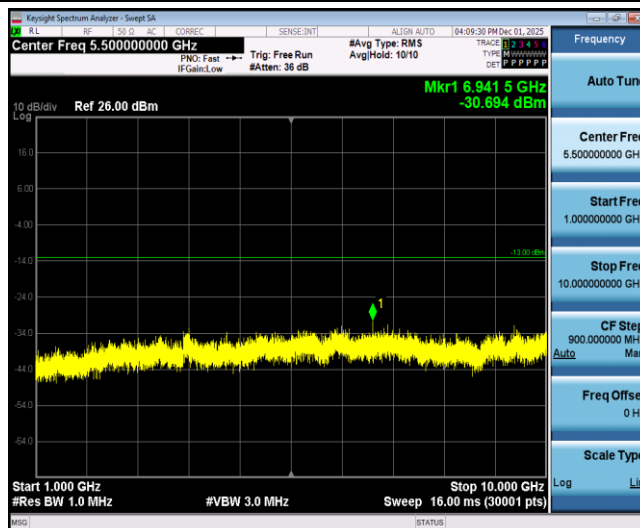
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



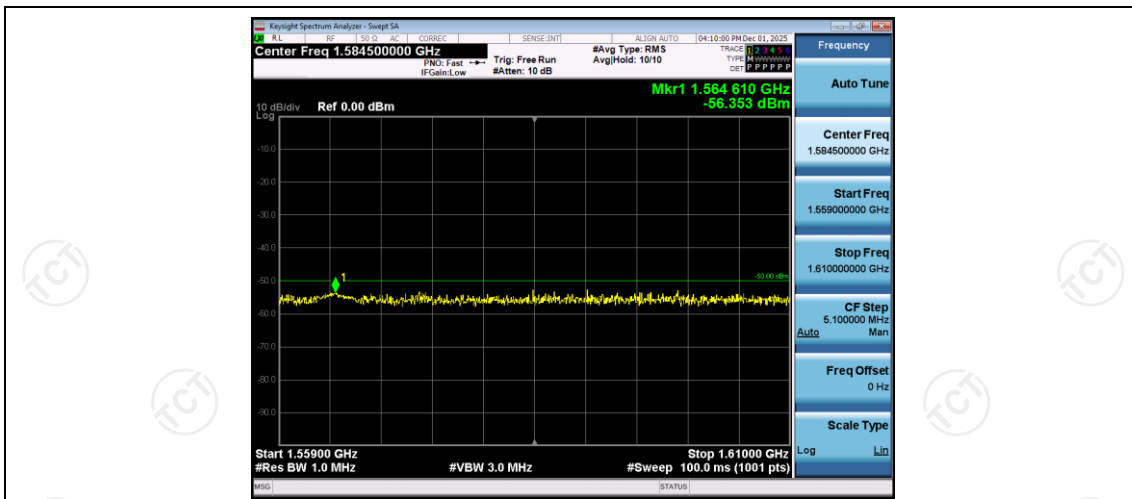
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



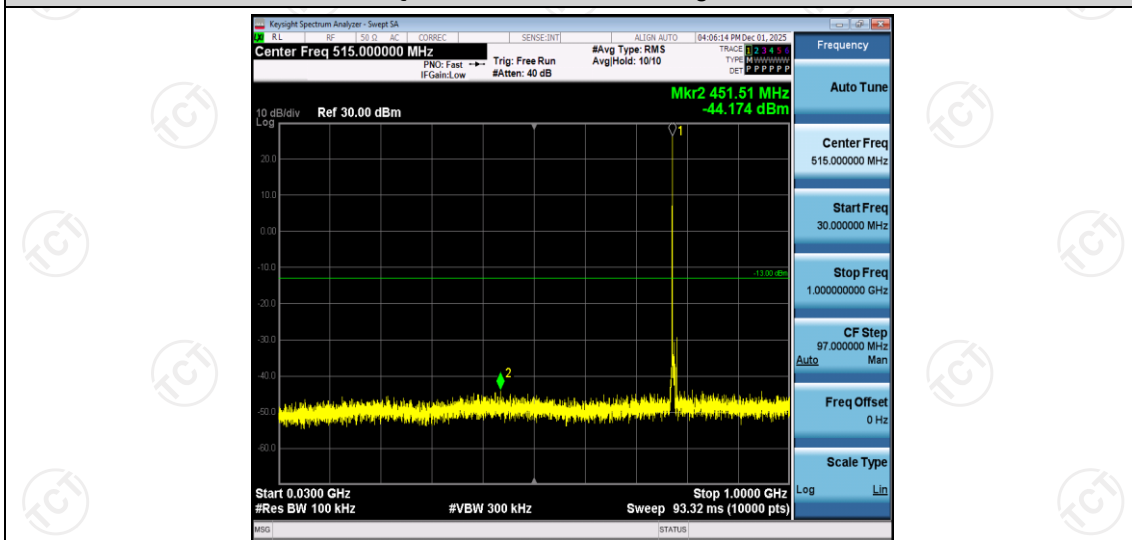
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



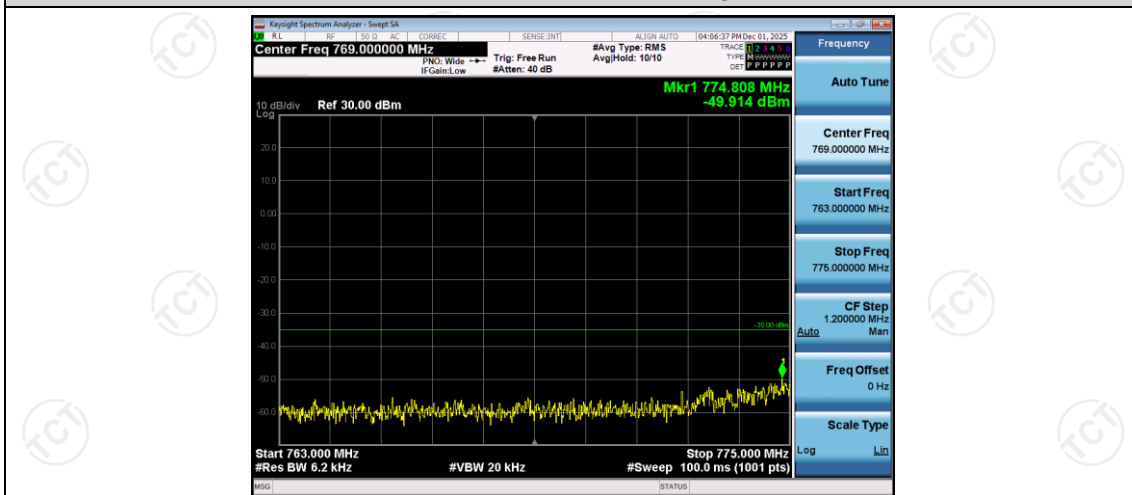
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



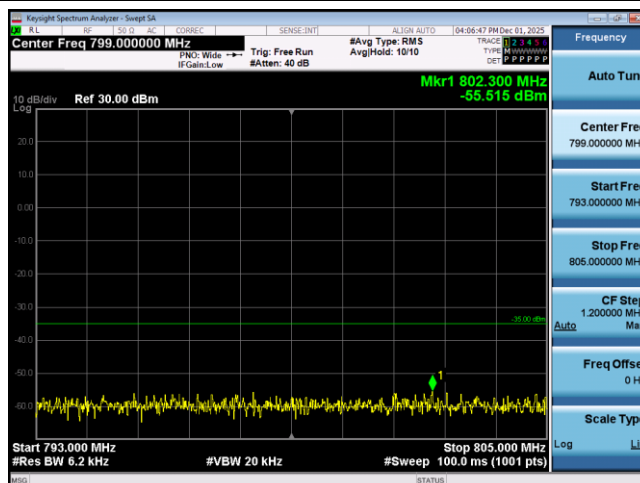
Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



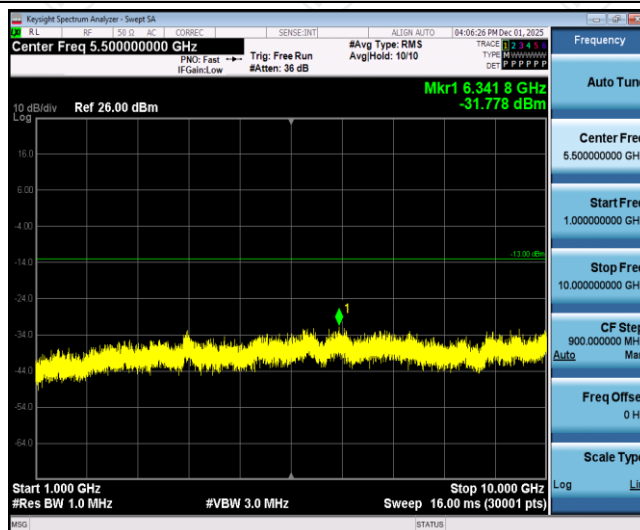
Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



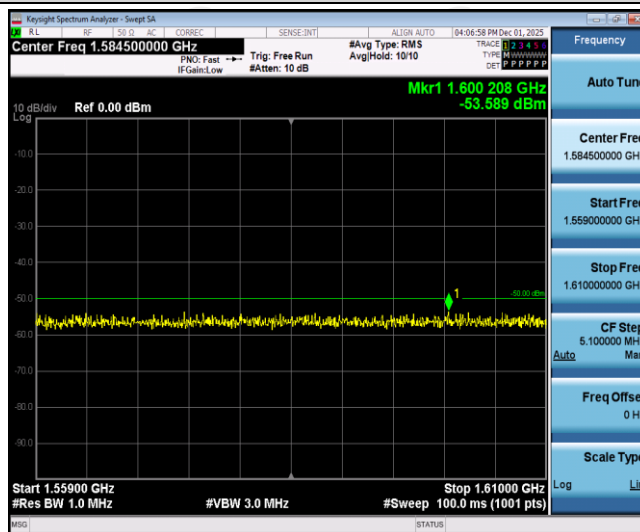
Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



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