

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	23.82	0.13	21.80	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.79	0.13	21.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.50	0.13	21.48	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.62	0.13	21.60	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.63	0.13	21.61	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.51	0.13	21.49	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.59	0.13	21.57	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.66	0.13	21.64	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.62	0.13	21.60	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.34	0.13	21.32	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.50	0.13	21.48	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.52	0.13	21.50	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.35	0.13	21.33	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.40	0.13	21.38	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.42	0.13	21.40	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.39	0.13	21.37	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.04	0.13	21.02	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.38	0.13	21.36	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.39	0.13	21.37	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.14	0.13	21.12	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.30	0.13	21.28	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.87	0.13	21.85	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.88	0.13	21.86	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.57	0.13	21.55	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.67	0.13	20.65	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.63	0.13	20.61	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.55	0.13	20.53	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.61	0.13	20.59	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.59	0.13	21.57	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.57	0.13	21.55	PASS

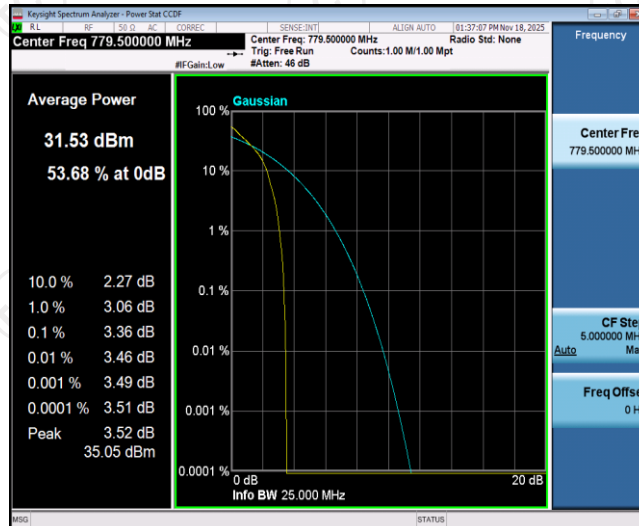
Band13	5MHz	16QAM	23230	1RB#24	23.29	0.13	21.27	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.43	0.13	20.41	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.50	0.13	20.48	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.33	0.13	20.31	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.44	0.13	20.42	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.41	0.13	21.39	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.35	0.13	21.33	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.00	0.13	20.98	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.30	0.13	20.28	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.31	0.13	20.29	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.17	0.13	20.15	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.30	0.13	20.28	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.77	0.13	21.75	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.48	0.13	21.46	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.15	0.13	21.13	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.55	0.13	21.53	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.55	0.13	21.53	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.24	0.13	21.22	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.38	0.13	21.36	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.88	0.13	21.86	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.64	0.13	21.62	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.25	0.13	21.23	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.58	0.13	20.56	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.50	0.13	20.48	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.24	0.13	20.22	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.34	0.13	20.32	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	3.36	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.43	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.57	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.64	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.91	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.68	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	4.22	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.26	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	4.38	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.40	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	4.65	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.56	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.18	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.67	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.10	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.54	13	PASS

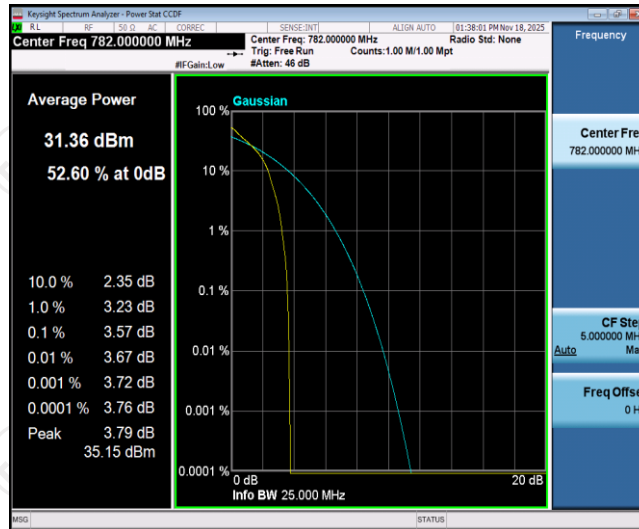
Test Graphs



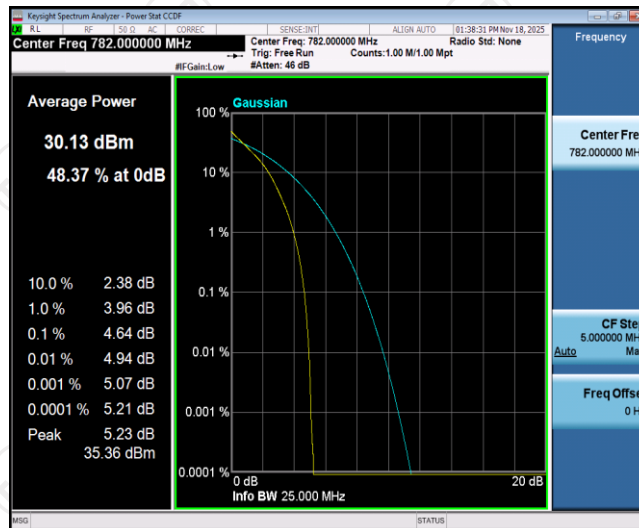
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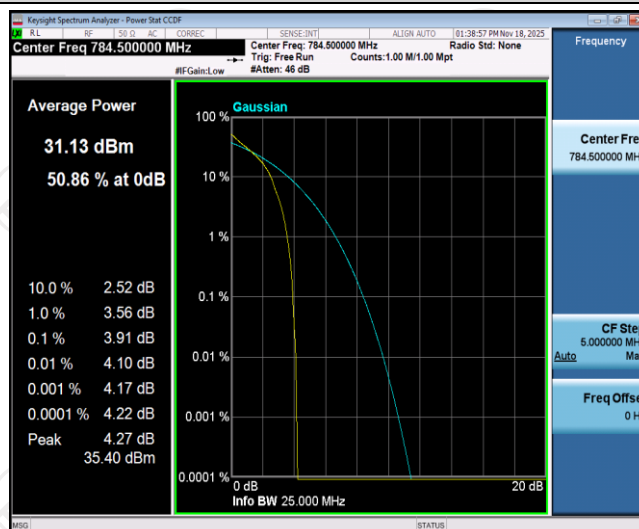
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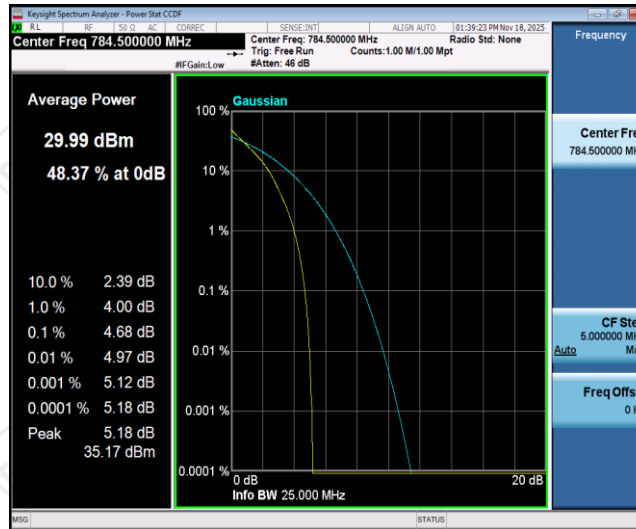
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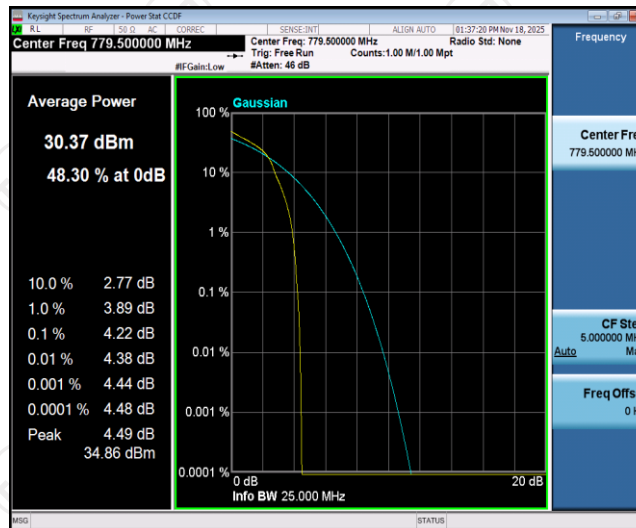
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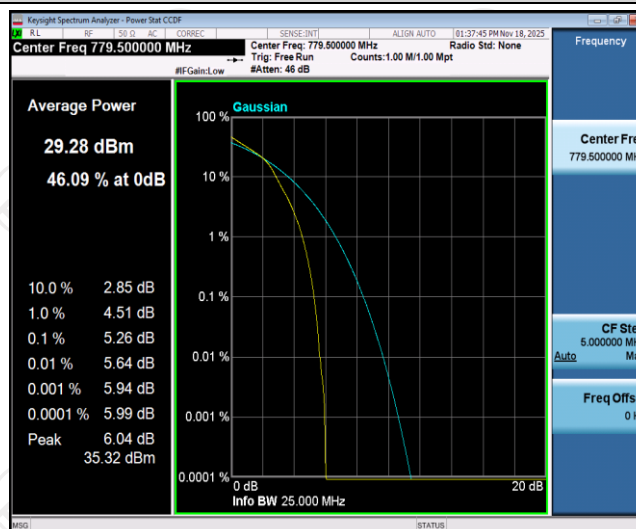
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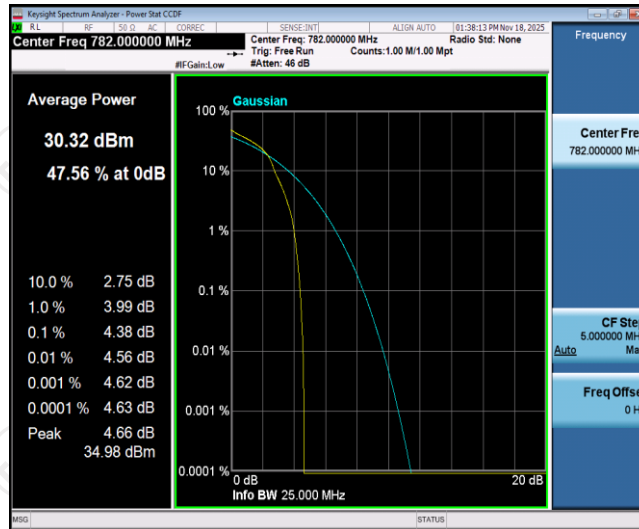
Band13-5MHz-QPSK-23255-25RB#0



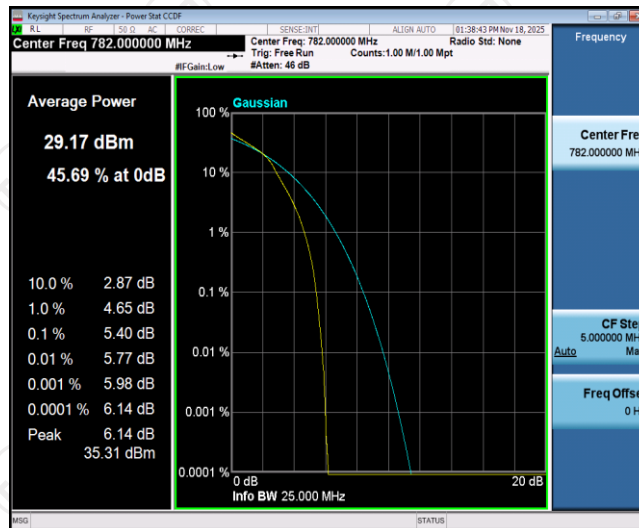
Band13-5MHz-16QAM-23205-1RB#0



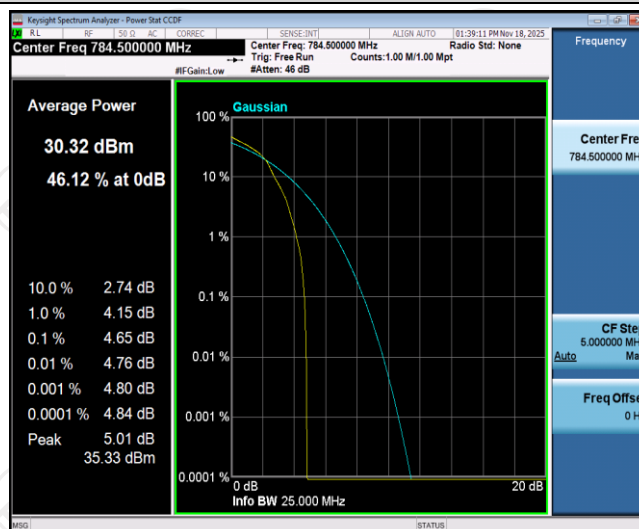
Band13-5MHz-16QAM-23205-25RB#0



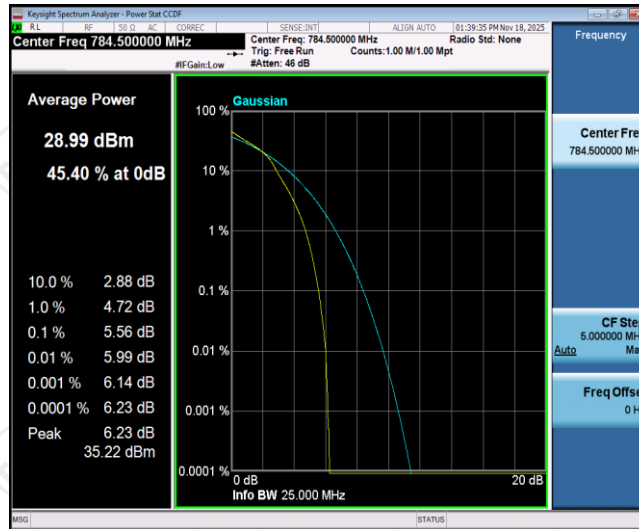
Band13-5MHz-16QAM-23230-1RB#0



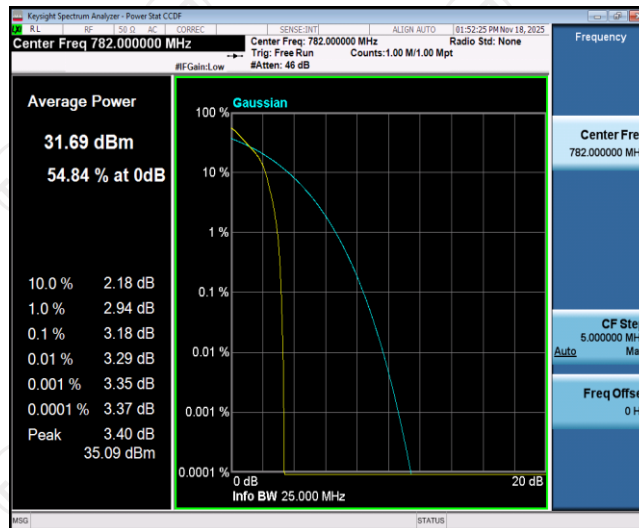
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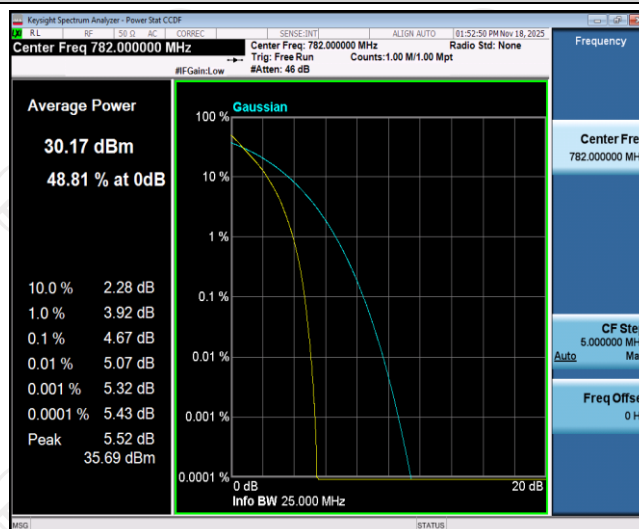
Band13-5MHz-16QAM-23255-1RB#0



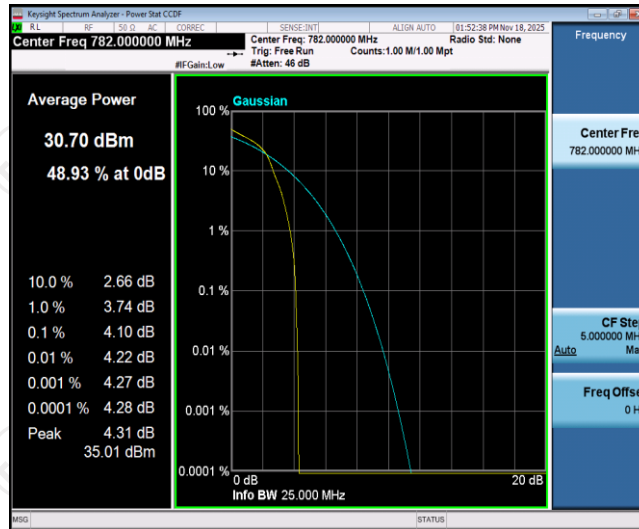
Band13-5MHz-16QAM-23255-25RB#0



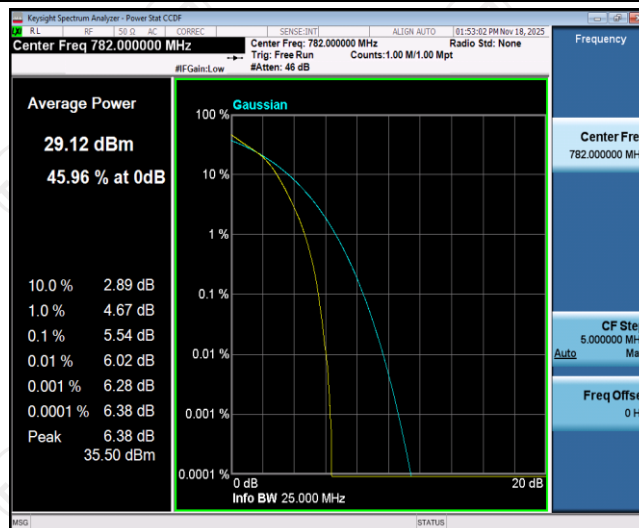
Band13-10MHz-QPSK-23230-1RB#0



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



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



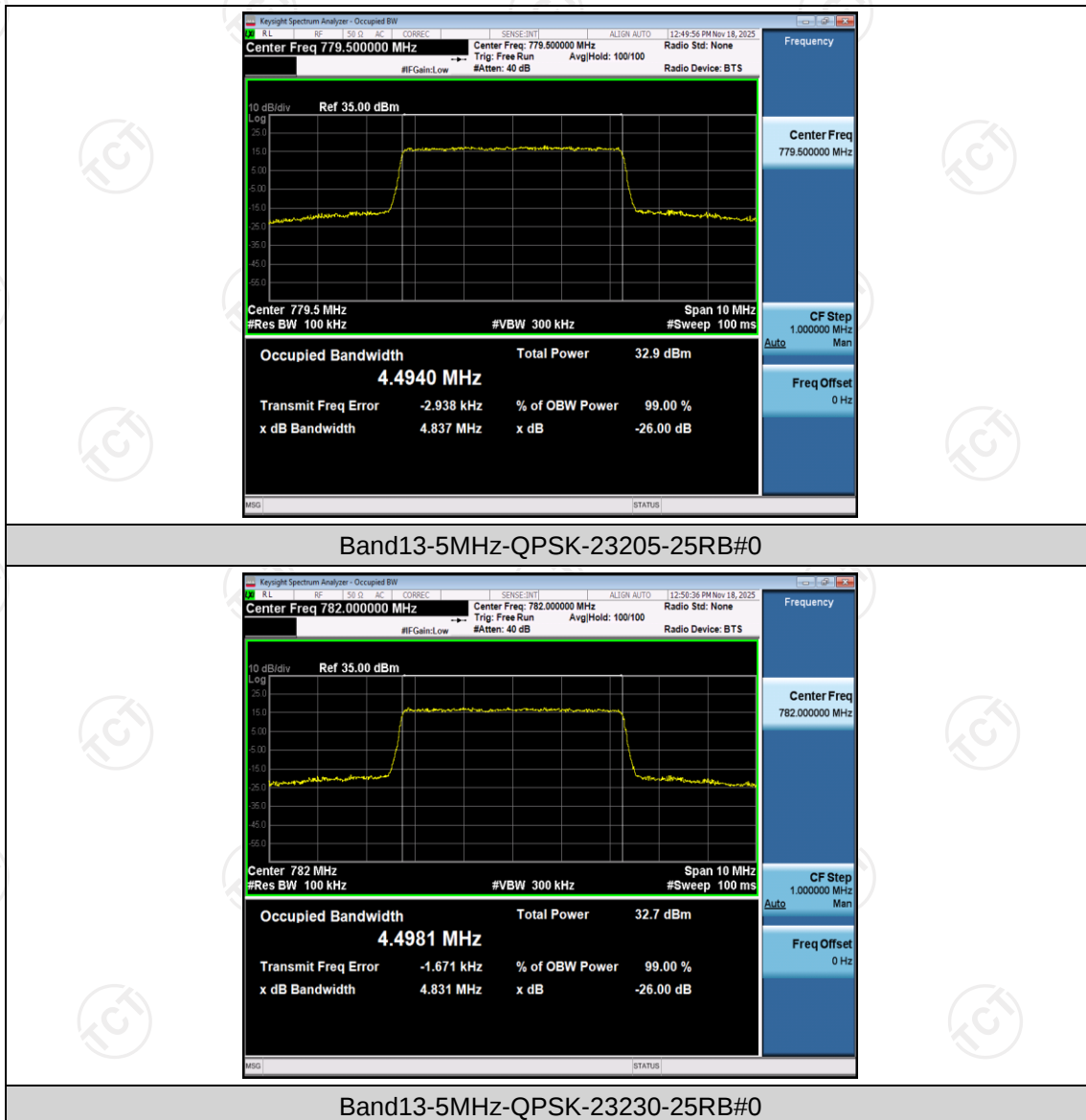
Band13-10MHz-16QAM-23230-50RB#0

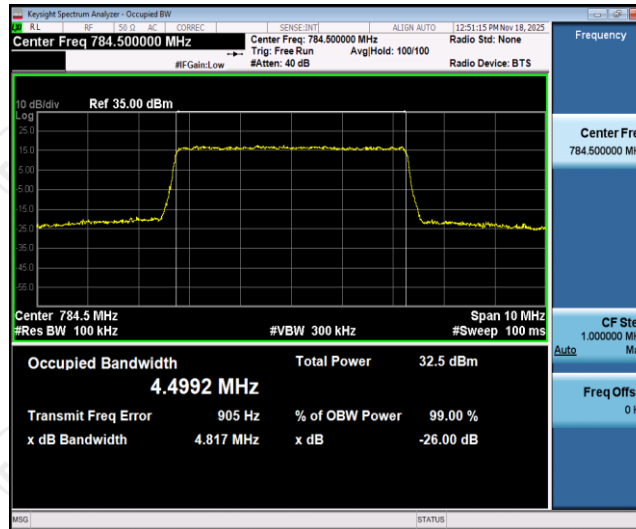
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

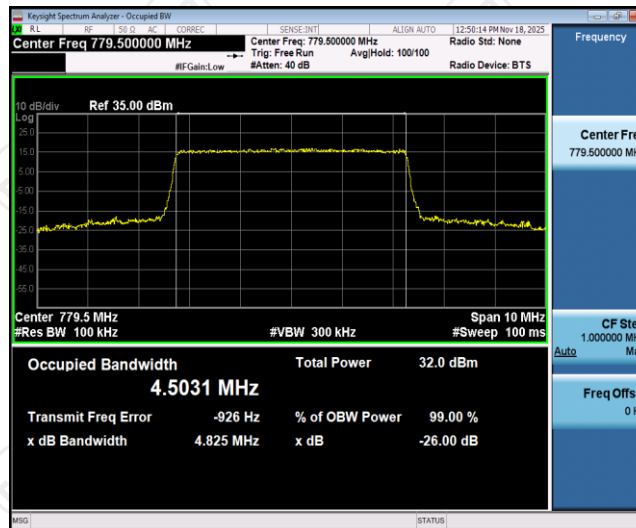
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4940	4.837	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4981	4.831	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4992	4.817	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5031	4.825	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5028	4.811	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4949	4.836	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9602	9.515	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9485	9.498	PASS

Test Graphs

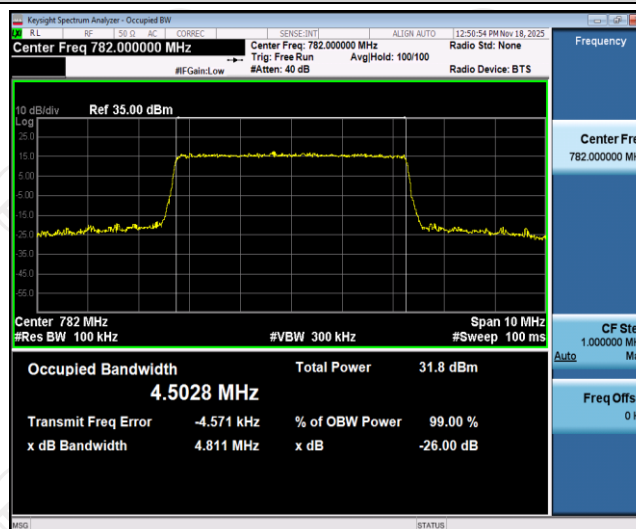




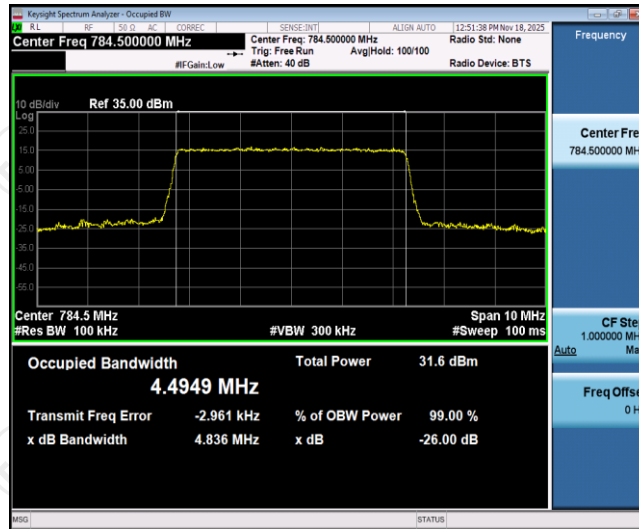
Band13-5MHz-QPSK-23255-25RB#0



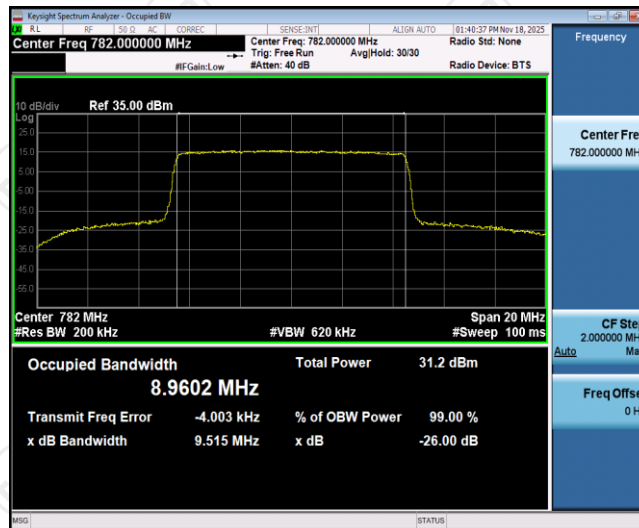
Band13-5MHz-16QAM-23205-25RB#0



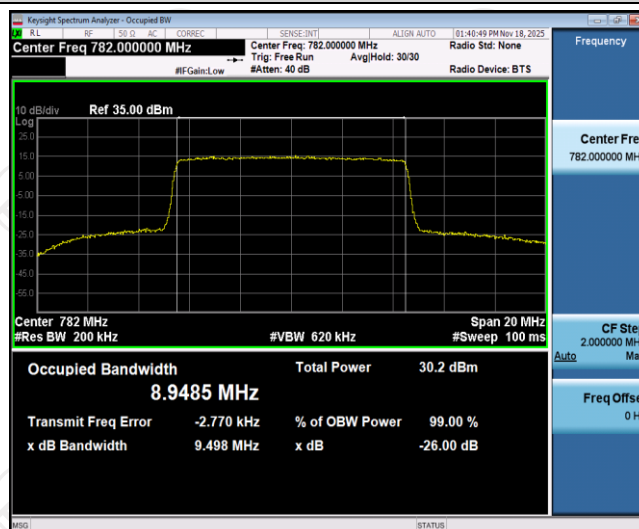
Band13-5MHz-16QAM-23230-25RB#0



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



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



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

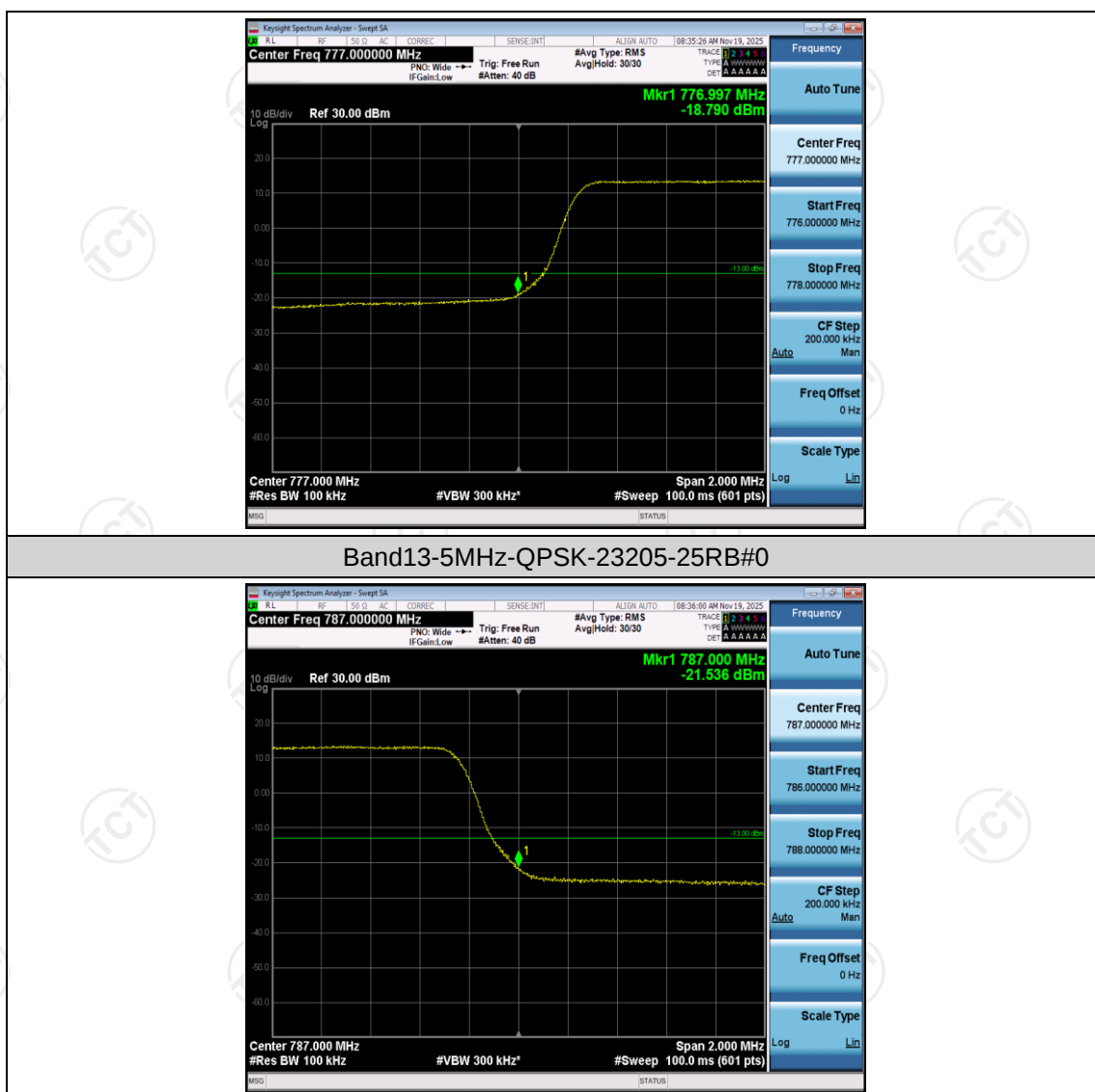


Appendix D: Band Edge

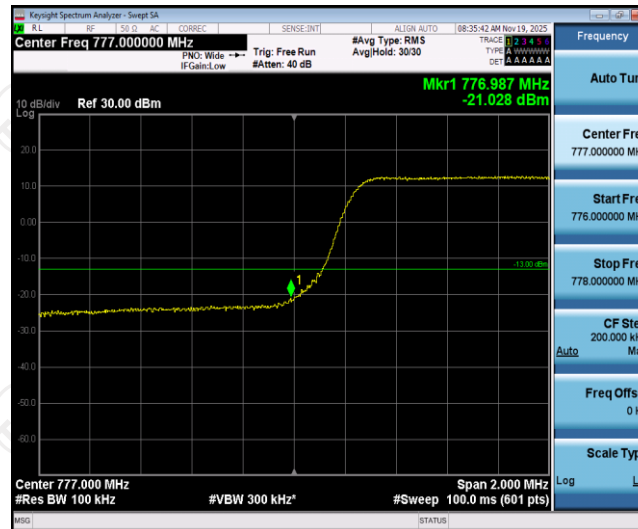
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-18.79	PASS
Band13	5MHz	QPSK	23255	25RB#0	-21.54	PASS
Band13	5MHz	16QAM	23205	25RB#0	-21.03	PASS
Band13	5MHz	16QAM	23255	25RB#0	-23.29	PASS
Band13	10MHz	QPSK	23230	50RB#0	-21.32,-22.61	PASS
Band13	10MHz	16QAM	23230	50RB#0	-23.95,-24.80	PASS

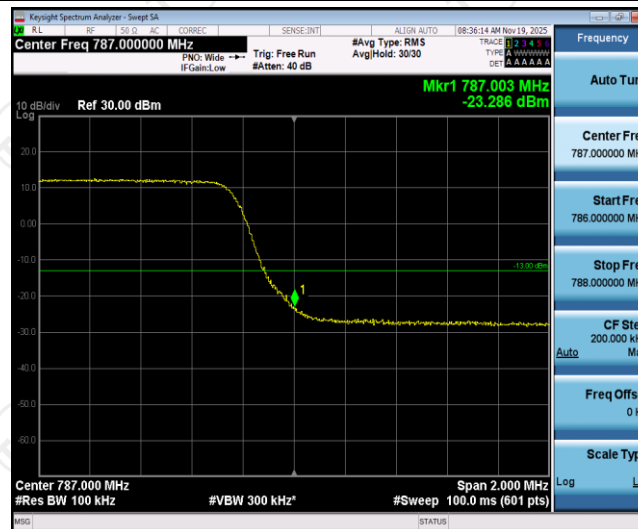
Test Graphs



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



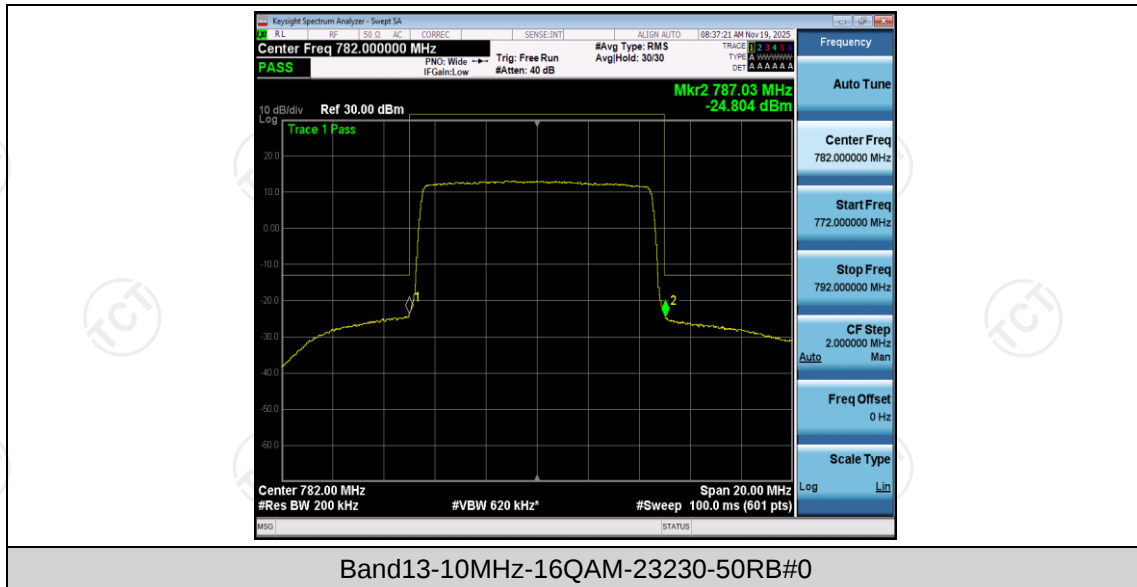
Band13-5MHz-16QAM-23205-25RB#0



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



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



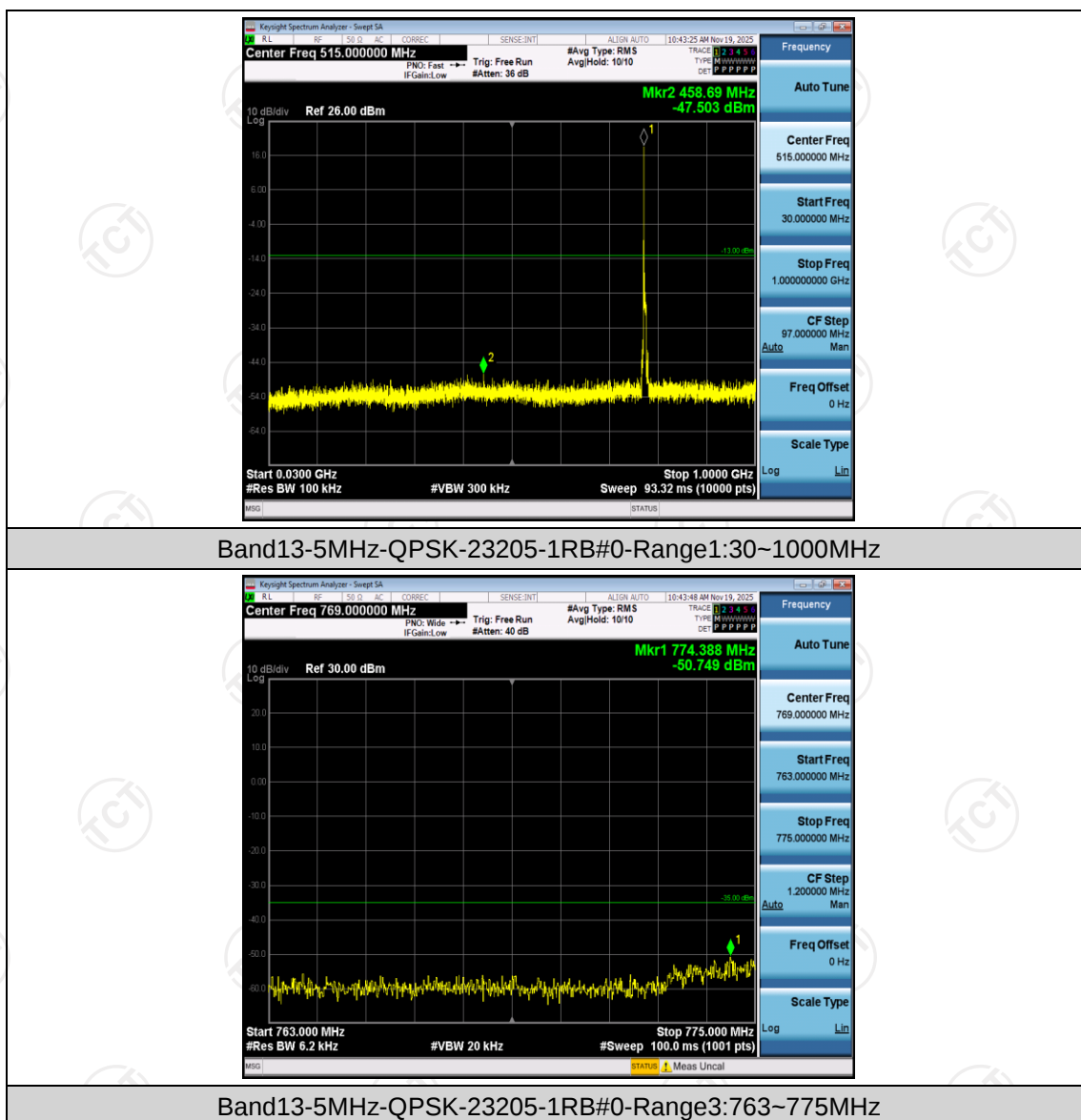
Appendix E: Conducted Spurious Emission

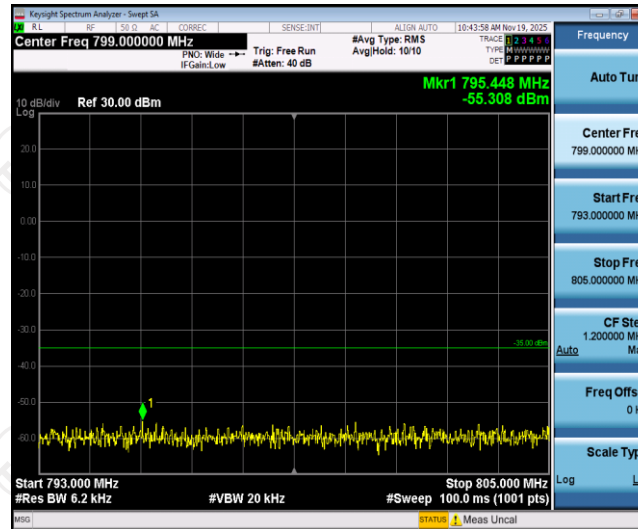
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-47.5	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-50.75	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-55.31	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-31.79	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-58.37	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-48.3	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-53.7	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-54.67	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-30.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-57.93	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-47.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-55.25	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-55.5	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-32.02	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-55.87	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-52.52	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-54.53	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-31.74	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-58.74	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-48.12	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-55.37	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-55.25	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-31.85	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-57.47	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-47.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-55.37	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-55.14	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-32.21	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-55.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-48.36	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-48.22	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-48.9	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-31.44	PASS

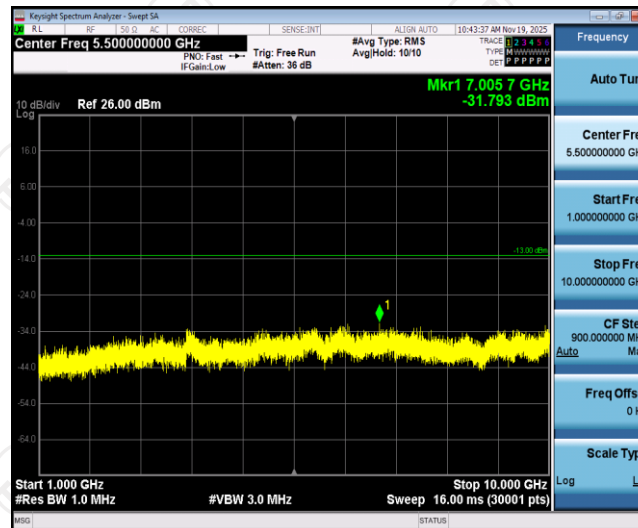
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-58.52	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-48.4	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-51.66	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-50.85	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-32.24	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-58.01	PASS

Test Graphs

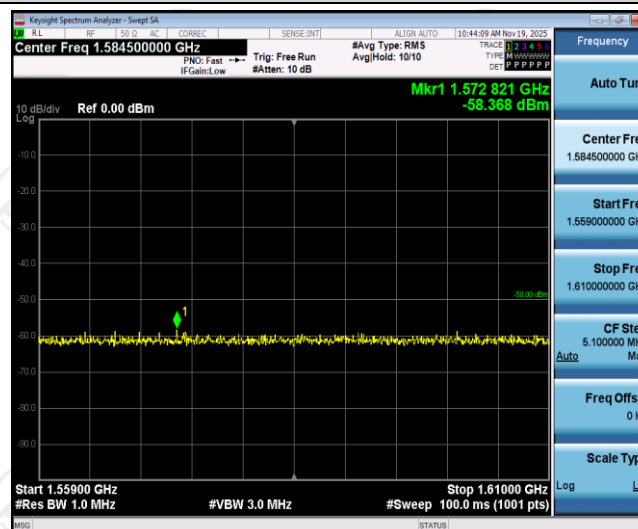




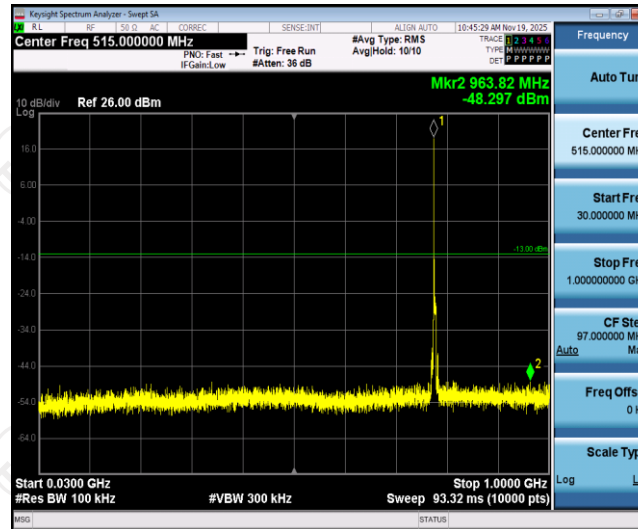
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



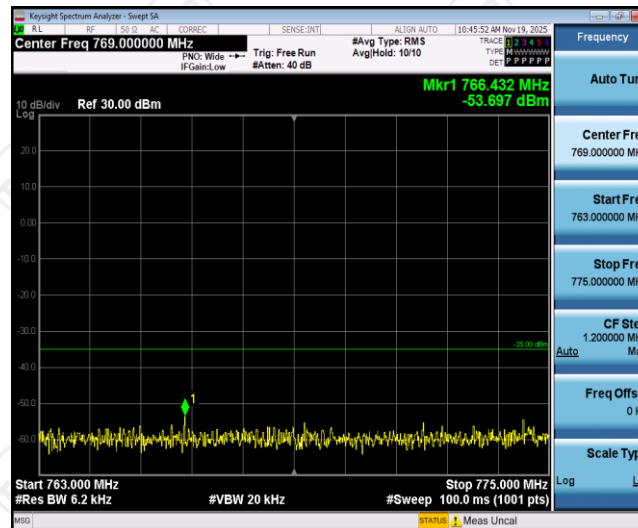
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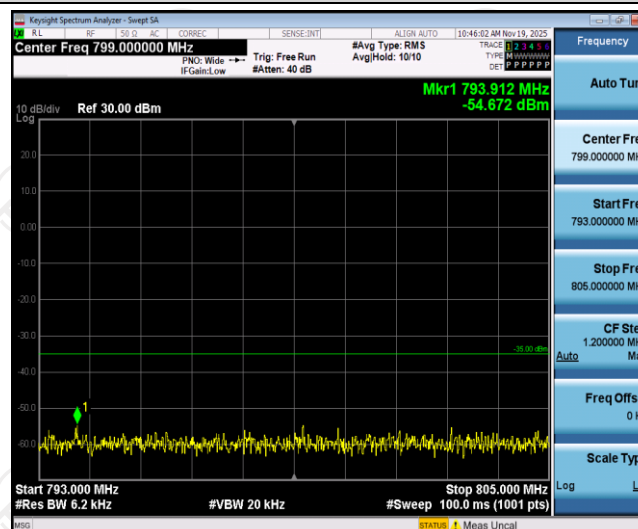
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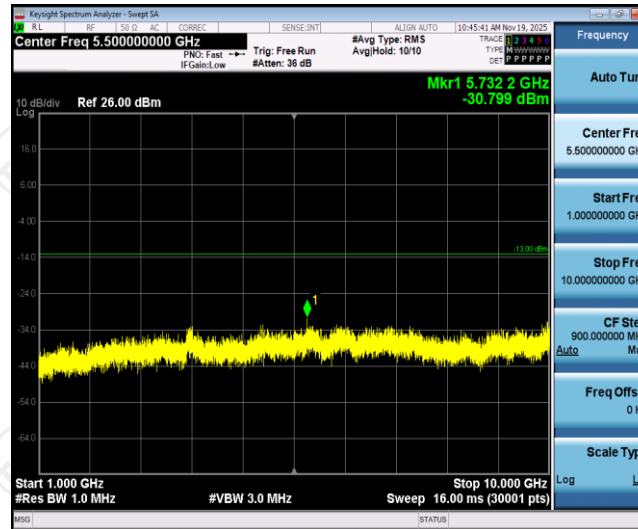
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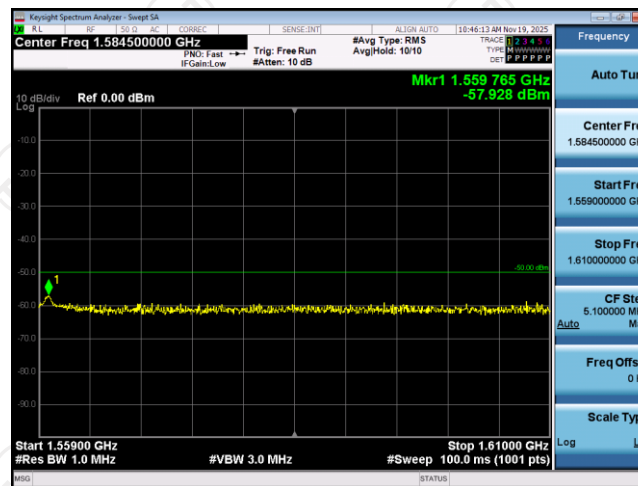
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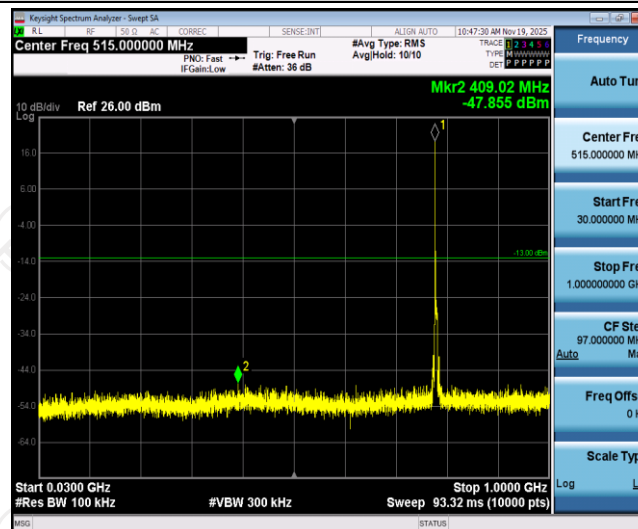
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



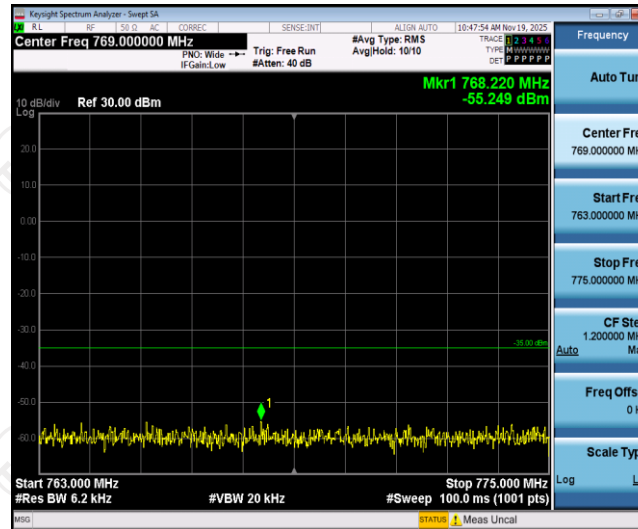
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



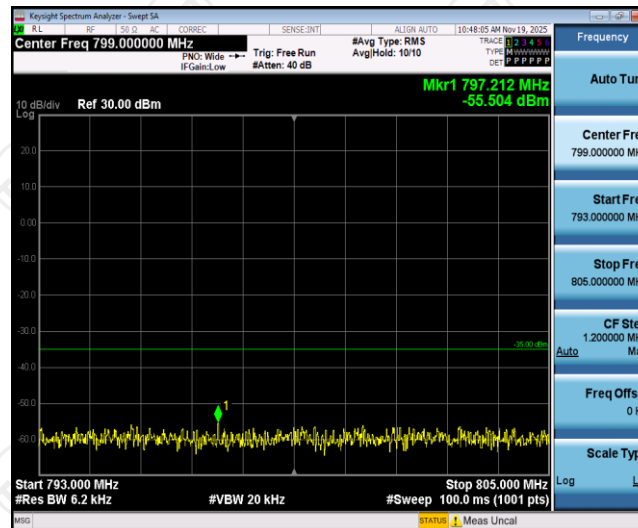
Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



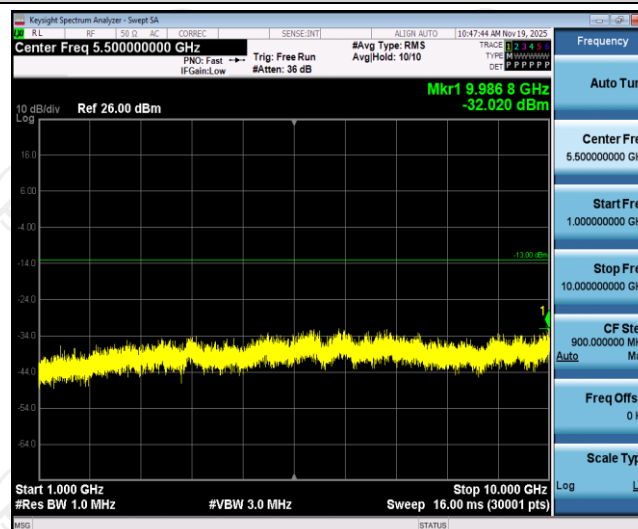
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



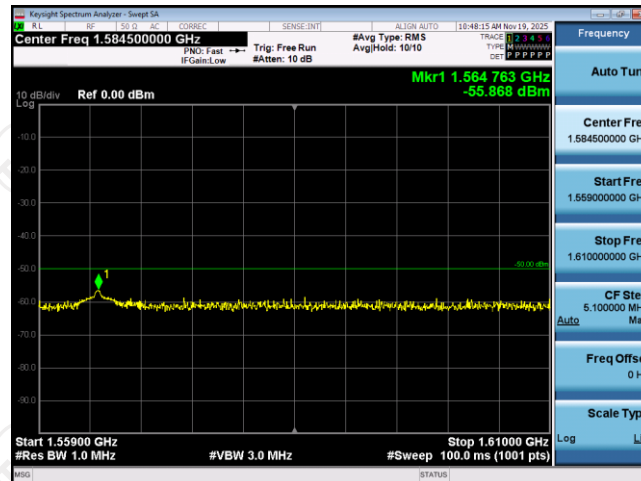
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



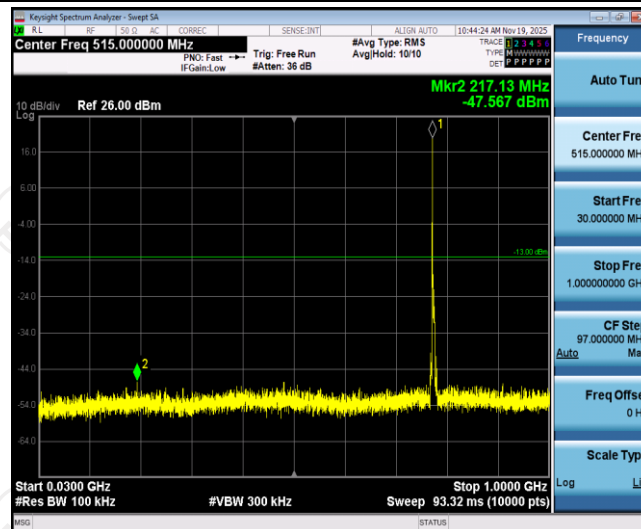
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



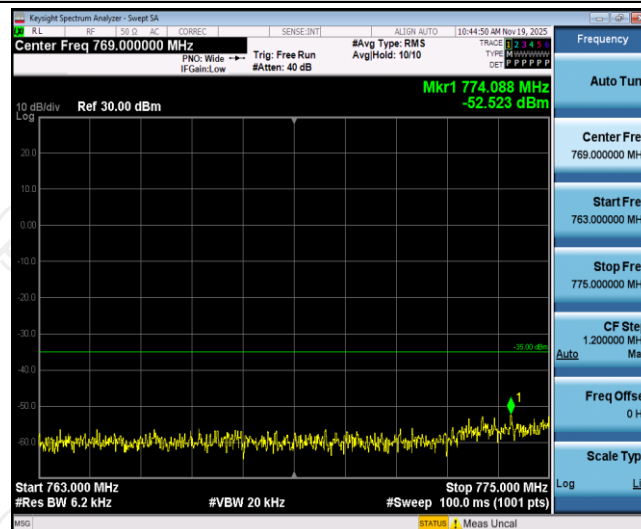
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



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