

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.12	21.02	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.22	20.12	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.88	20.78	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.17	20.07	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.14	20.04	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.88	19.78	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.75	19.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.67	20.57	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.06	20.96	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.94	20.84	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.09	19.99	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.02	19.92	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.20	20.10	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.07	19.97	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.47	21.37	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.76	20.66	PASS
Band13	5MHz	QPSK	23255	1RB#24	21.82	19.72	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.31	20.21	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.34	20.24	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.23	19.13	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.81	19.71	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.17	21.07	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.48	19.38	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.78	19.68	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.10	19.00	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.13	19.03	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.61	18.51	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.47	18.37	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.56	19.46	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.95	19.85	PASS

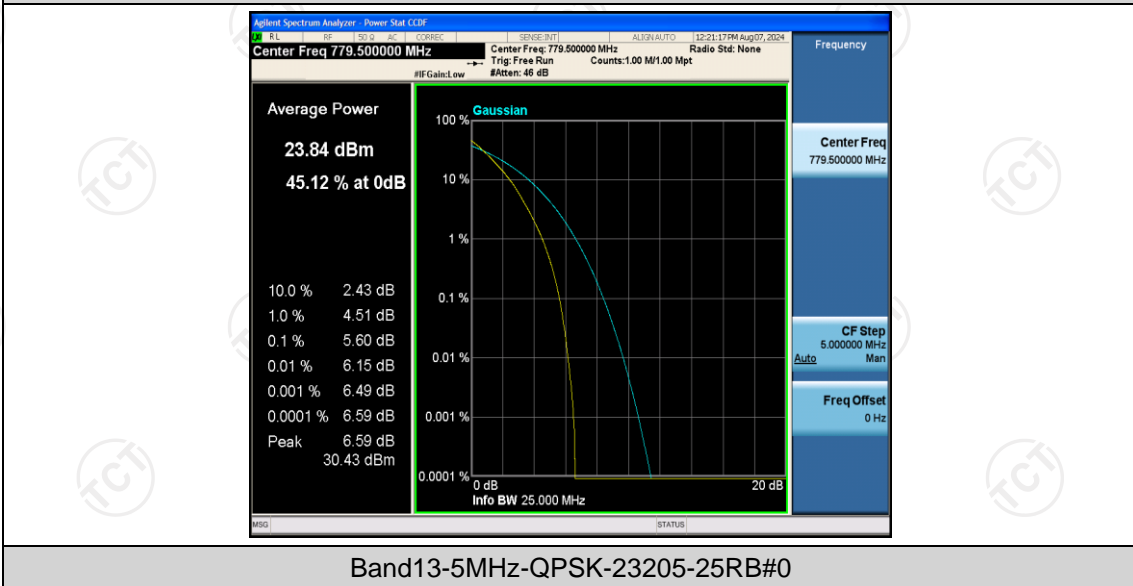
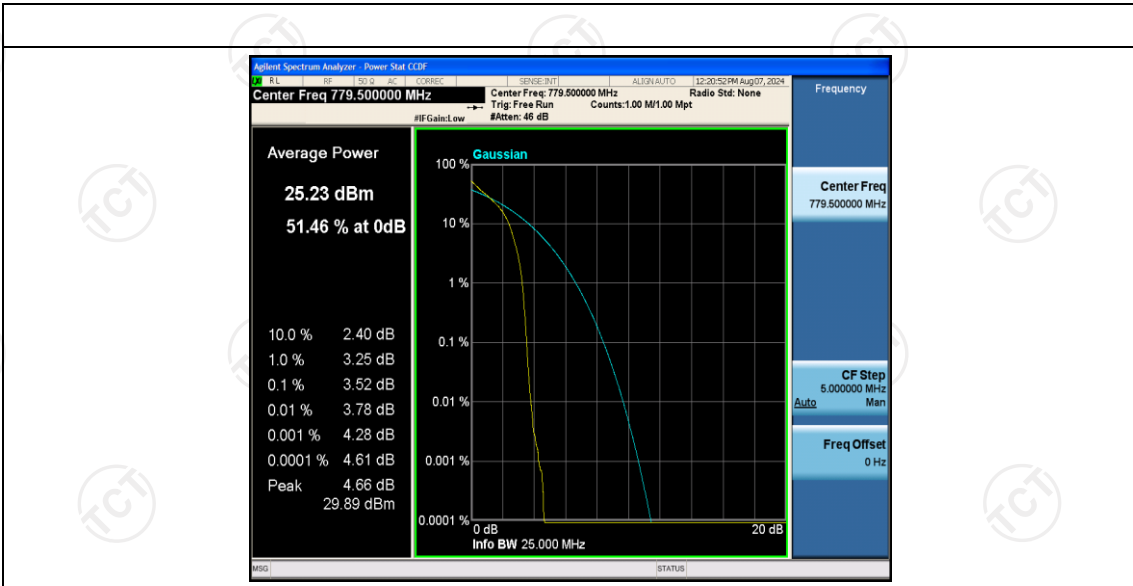
Band13	5MHz	16QAM	23230	1RB#24	21.82	19.72	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.75	18.65	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.73	18.63	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.34	19.24	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.92	18.82	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.35	20.25	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.77	19.67	PASS
Band13	5MHz	16QAM	23255	1RB#24	20.78	18.68	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.48	19.38	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.44	19.34	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.29	18.19	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.93	18.83	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.02	20.92	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.63	20.53	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.03	19.93	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.96	19.86	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.94	19.84	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.09	19.99	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.80	19.70	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.83	20.73	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.31	19.21	PASS
Band13	10MHz	16QAM	23230	1RB#49	20.86	18.76	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.54	18.44	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.55	18.45	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.64	18.54	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.24	18.14	PASS

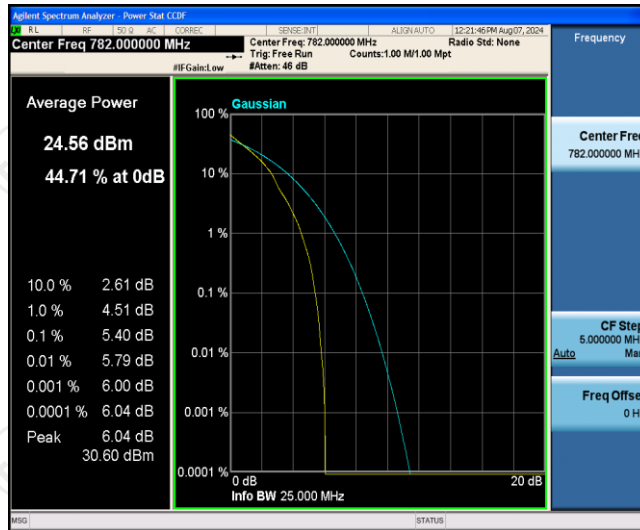
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

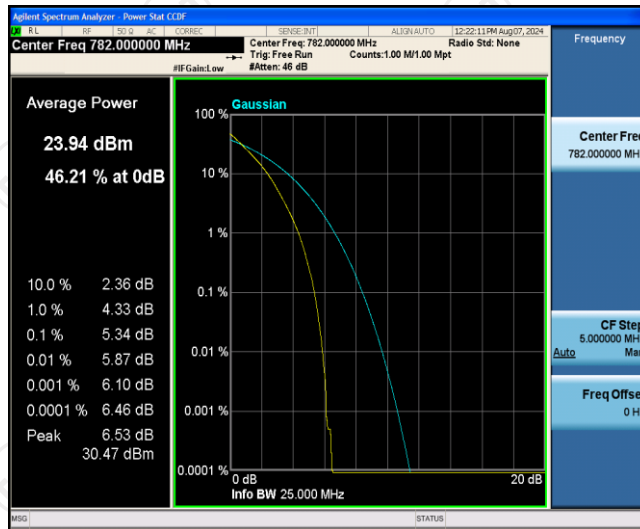
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.52	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.60	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.40	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.34	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.38	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.28	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	3.80	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.46	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.33	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.20	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.37	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.06	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.85	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.35	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.04	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.27	13	PASS

Test Graphs

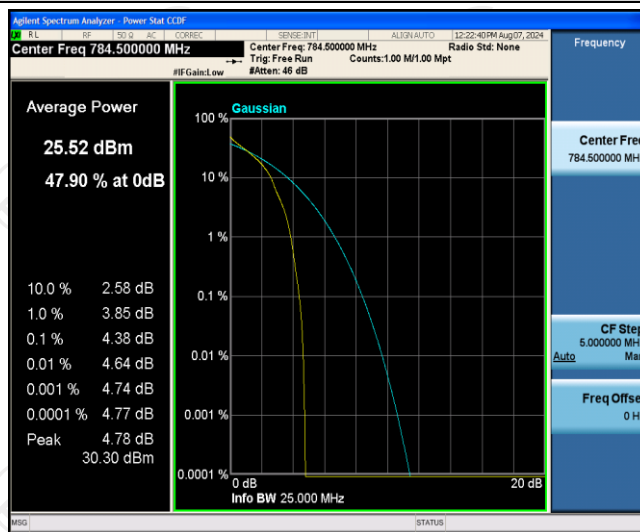




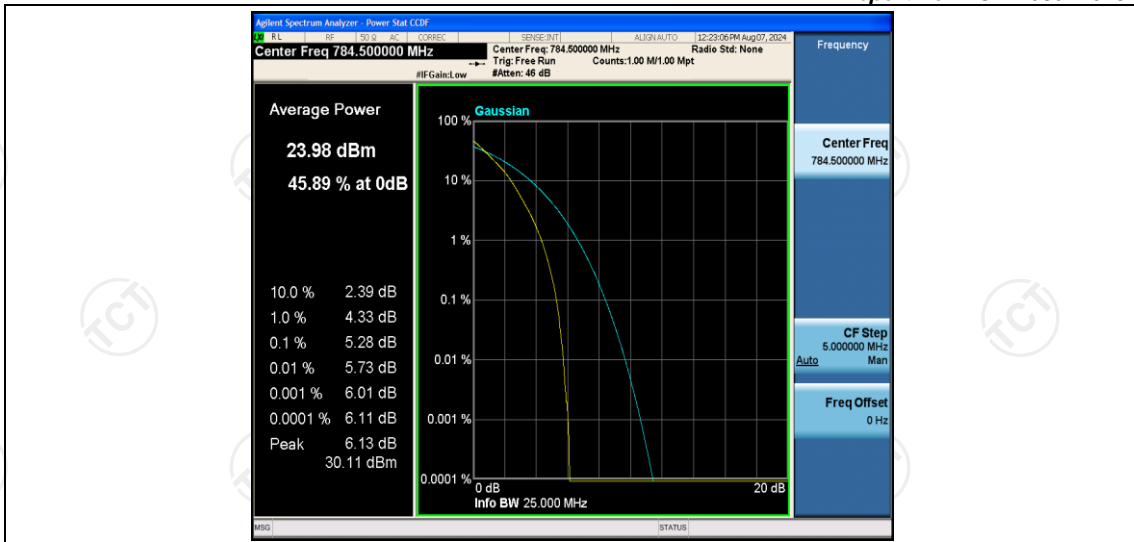
Band13-5MHz-QPSK-23230-1RB#0



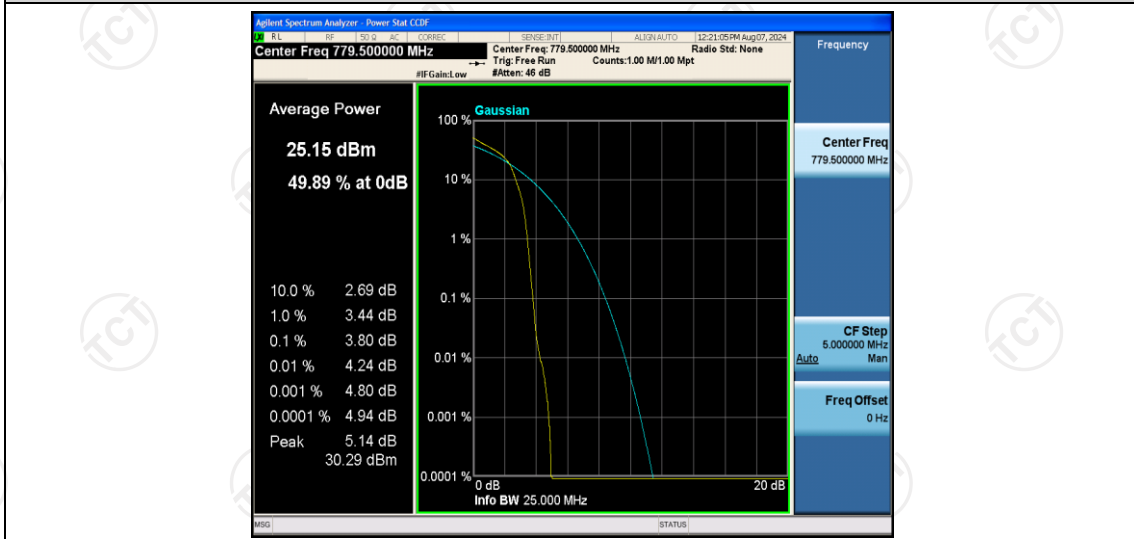
Band13-5MHz-QPSK-23230-25RB#0



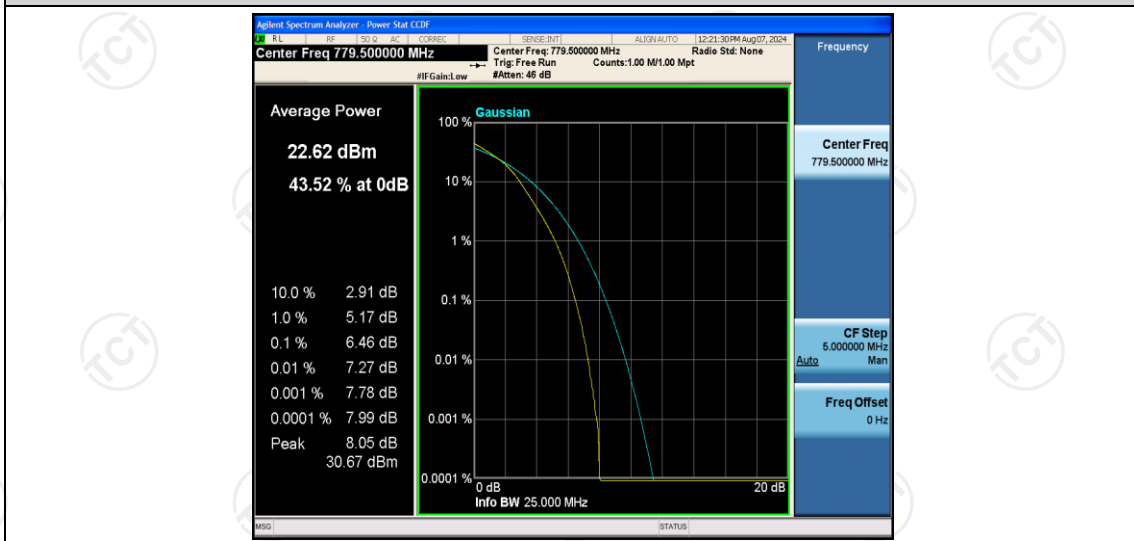
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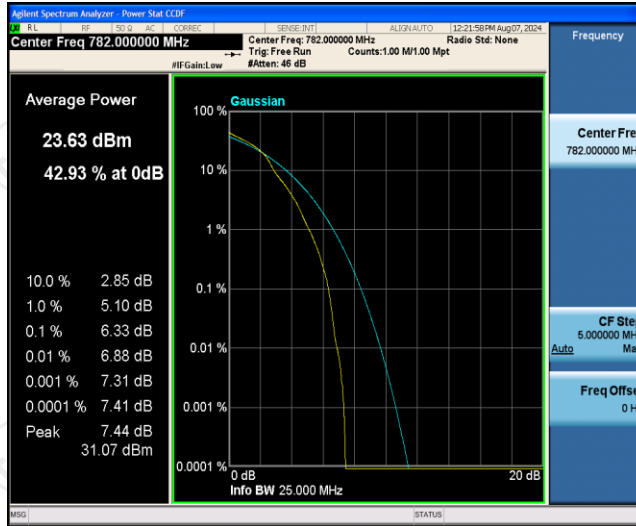
Band13-5MHz-QPSK-23255-25RB#0



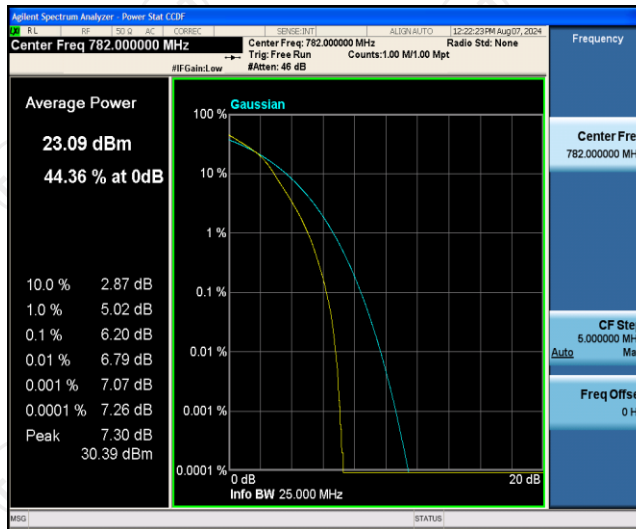
Band13-5MHz-16QAM-23205-1RB#0



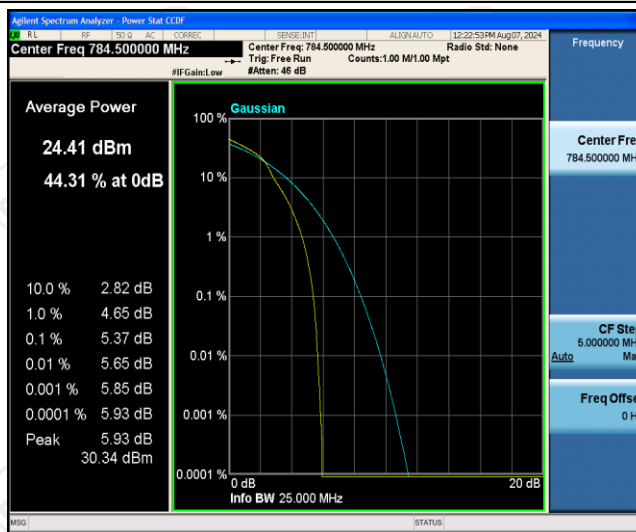
Band13-5MHz-16QAM-23205-25RB#0



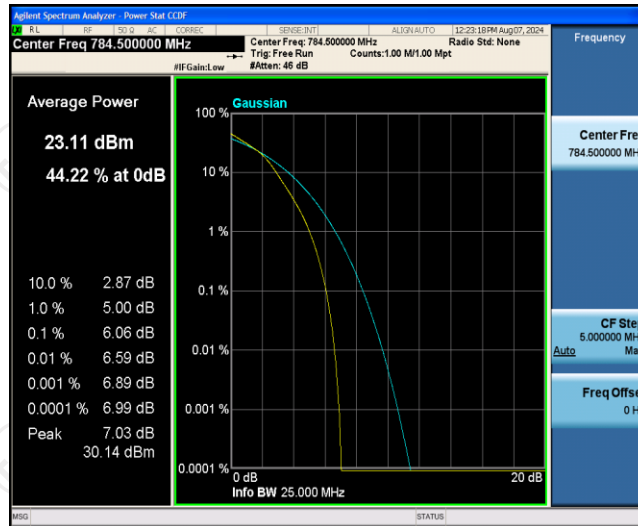
Band13-5MHz-16QAM-23230-1RB#0



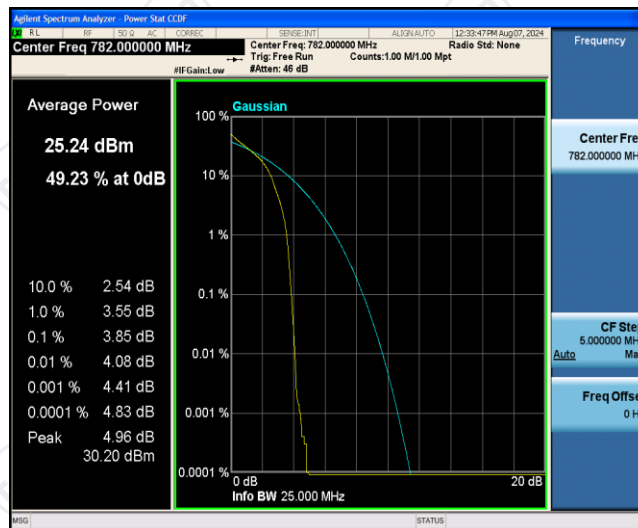
Band13-5MHz-16QAM-23230-25RB#0



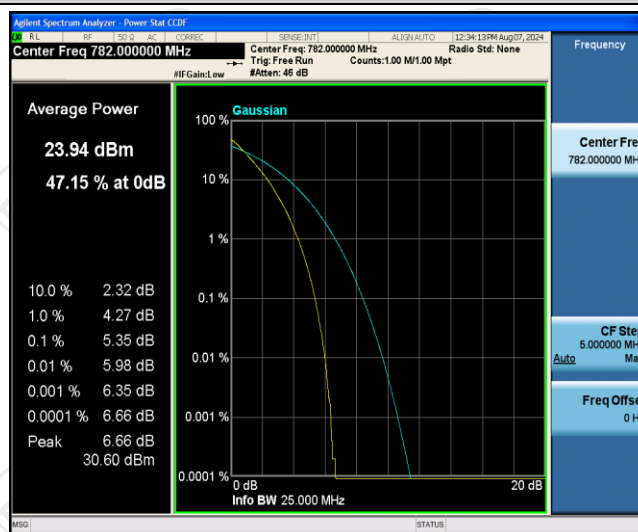
Band13-5MHz-16QAM-23255-1RB#0



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

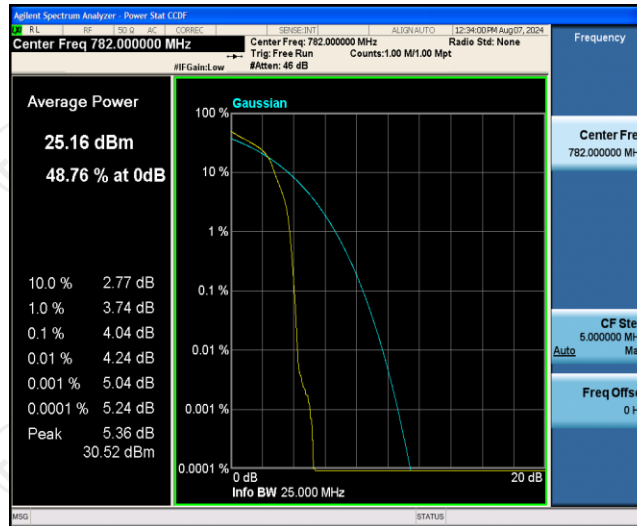


Band13-10MHz-QPSK-23230-1RB#0

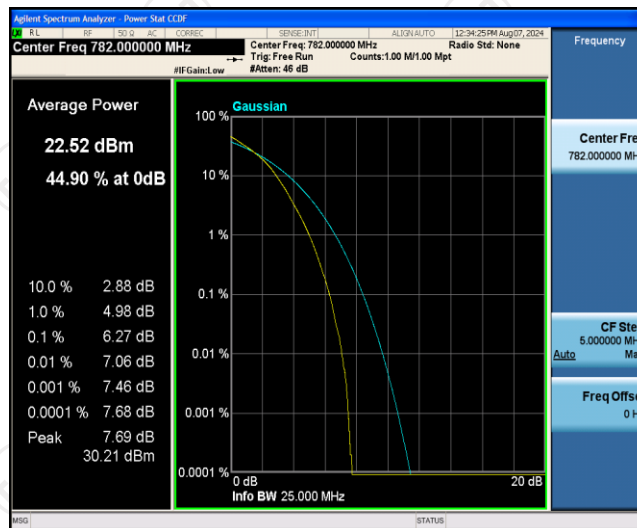


Band13-10MHz-QPSK-23230-50RB#0





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



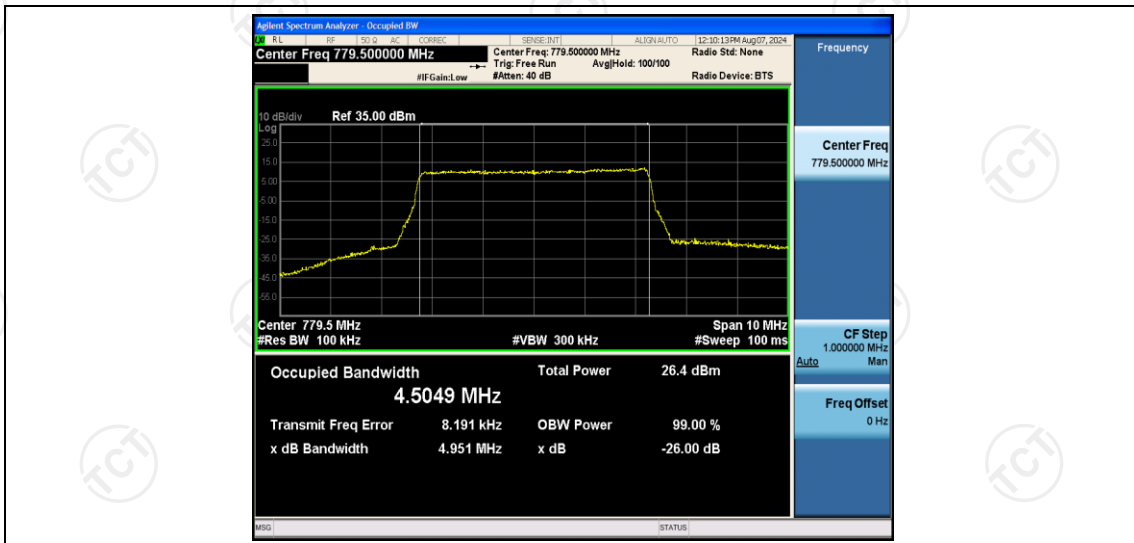
Band13-10MHz-16QAM-23230-50RB#0

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

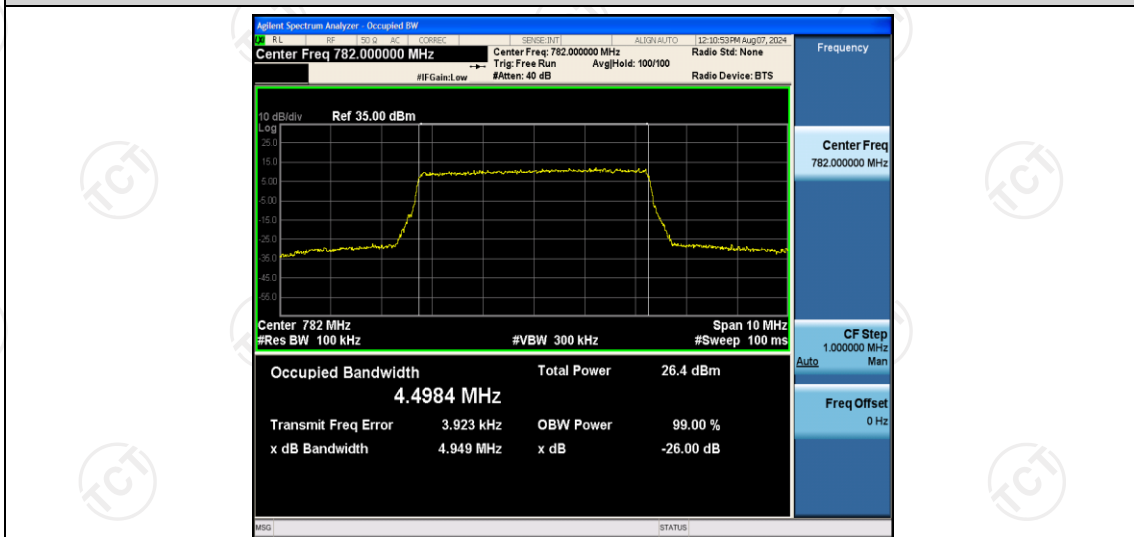
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5049	4.951	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4984	4.949	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4965	4.933	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5056	4.967	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4958	4.913	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4977	4.944	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9604	9.564	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9594	9.561	PASS

## Test Graphs



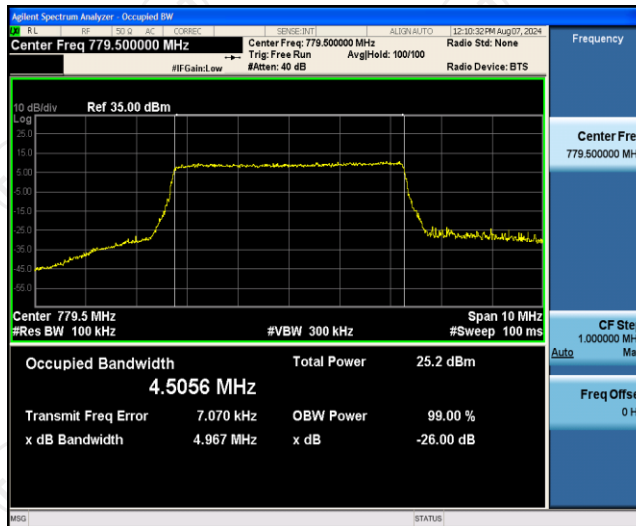
Band13-5MHz-QPSK-23205-25RB#0



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



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



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



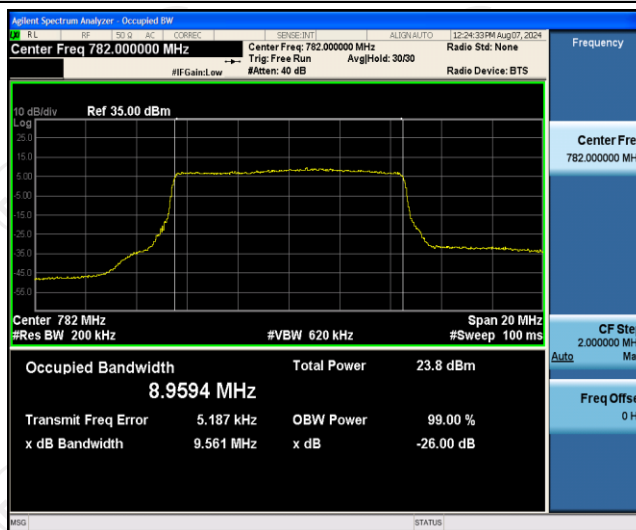
Band13-5MHz-16QAM-23230-25RB#0



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



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



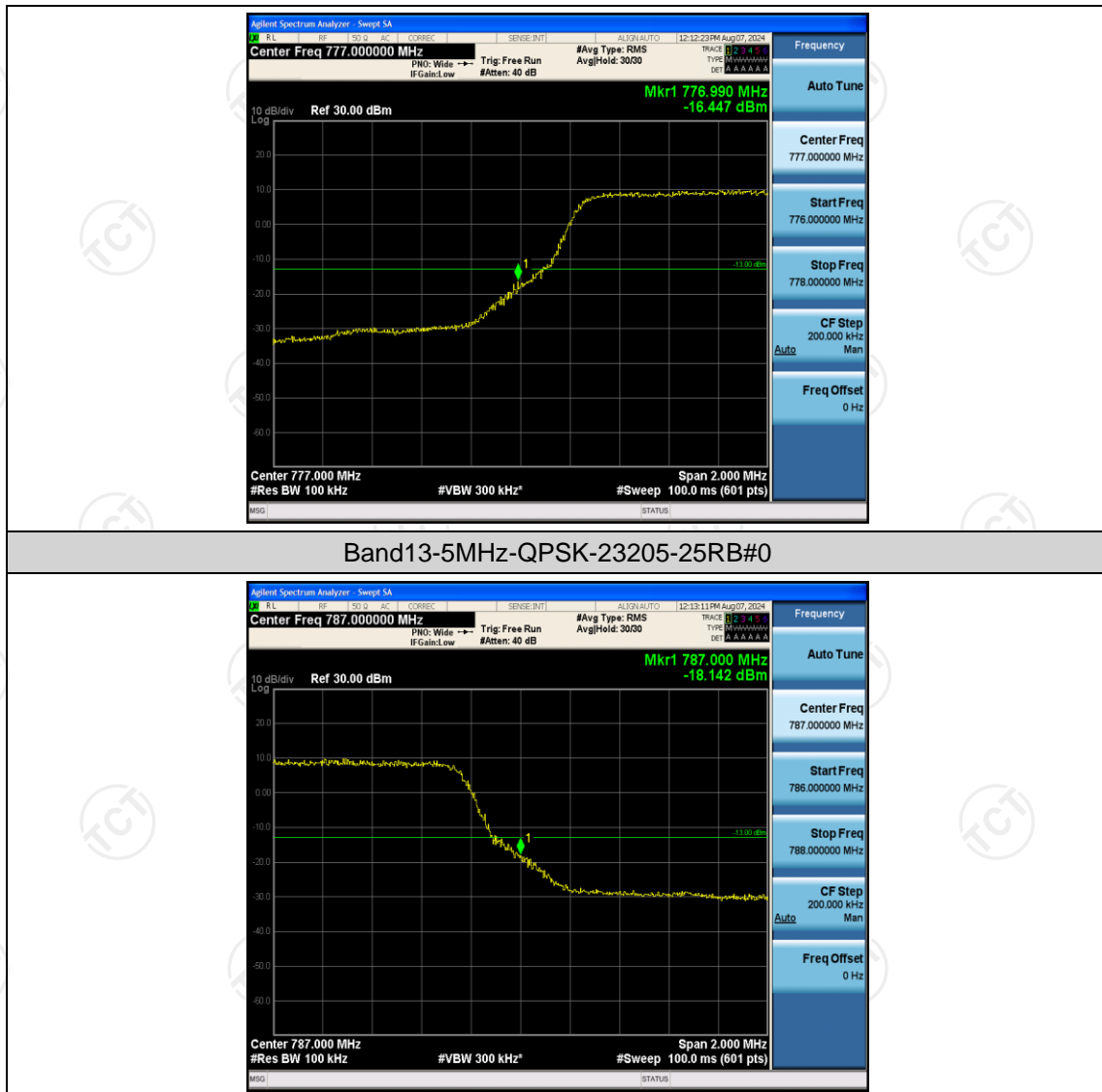
Band13-10MHz-16QAM-23230-50RB#0

## Appendix D: Band Edge

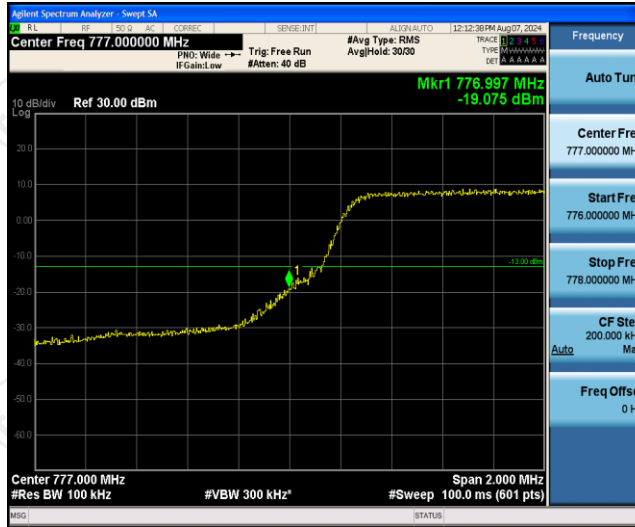
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-16.45	PASS
Band13	5MHz	QPSK	23255	25RB#0	-18.14	PASS
Band13	5MHz	16QAM	23205	25RB#0	-19.08	PASS
Band13	5MHz	16QAM	23255	25RB#0	-17.44	PASS
Band13	10MHz	QPSK	23230	50RB#0	-18.56,-19.57	PASS
Band13	10MHz	16QAM	23230	50RB#0	-20.11,-21.41	PASS

### Test Graphs



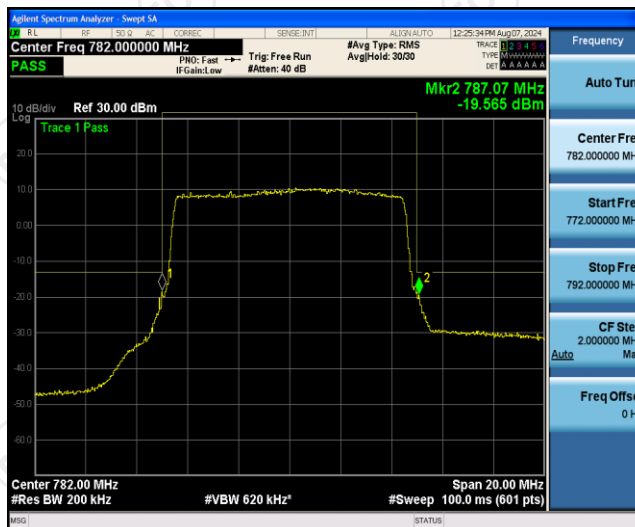
## Band13-5MHz-QPSK-23255-25RB#0



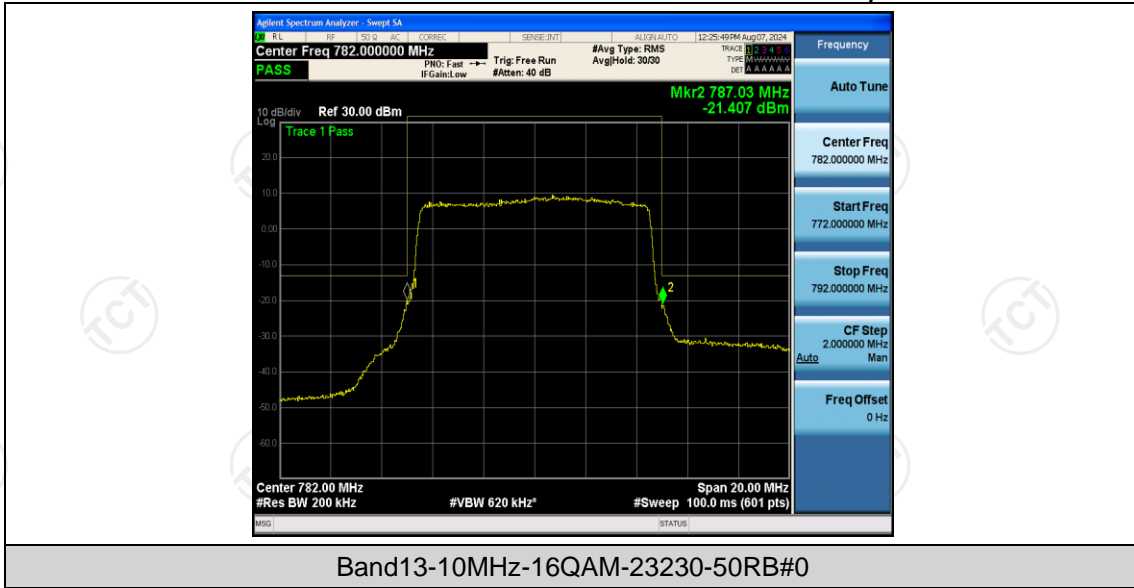
## Band13-5MHz-16QAM-23205-25RB#0



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



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





## Appendix E: Conducted Spurious Emission

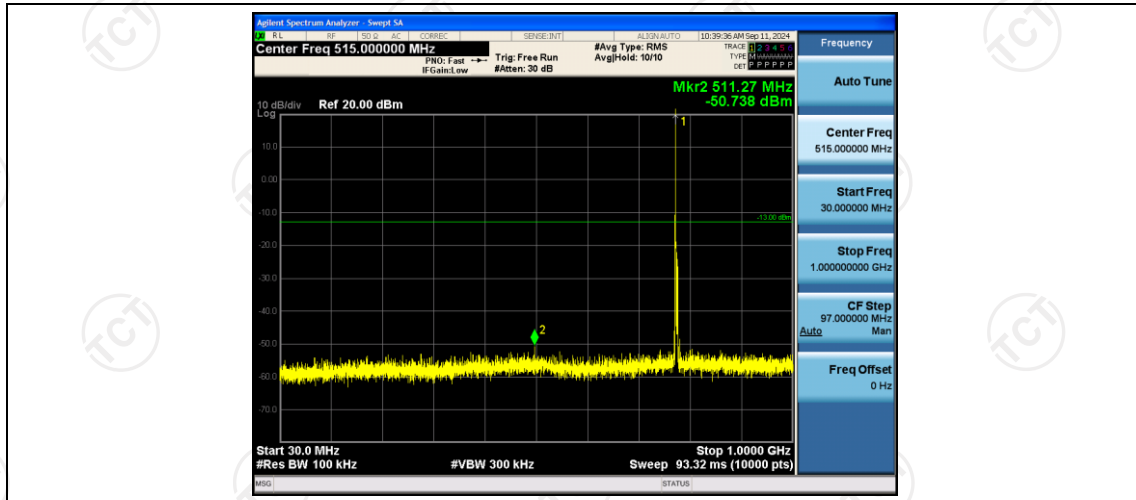
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band1 3	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-50.7 4	PAS S
Band1 3	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-53.7 6	PAS S
Band1 3	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-53.7 6	PAS S
Band1 3	5MHz	QPSK	23205	1RB#0	Range2:1000~10000M Hz	-34.6 8	PAS S
Band1 3	5MHz	QPSK	23205	1RB#0	Range5:1559~1610M Hz	-61.1	PAS S
Band1 3	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-51.3 4	PAS S
Band1 3	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-53.1 1	PAS S
Band1 3	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-53.4 7	PAS S
Band1 3	5MHz	QPSK	23230	1RB#0	Range2:1000~10000M Hz	-34.7 1	PAS S
Band1 3	5MHz	QPSK	23230	1RB#0	Range5:1559~1610M Hz	-55.1 8	PAS S
Band1 3	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-51.2 4	PAS S
Band1 3	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-53.8 2	PAS S
Band1 3	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-53.6 5	PAS S
Band1 3	5MHz	QPSK	23255	1RB#0	Range2:1000~10000M Hz	-34.5	PAS S
Band1 3	5MHz	QPSK	23255	1RB#0	Range5:1559~1610M Hz	-53.7 5	PAS S
Band1 3	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-52	PAS S
Band1 3	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-53.6	PAS S

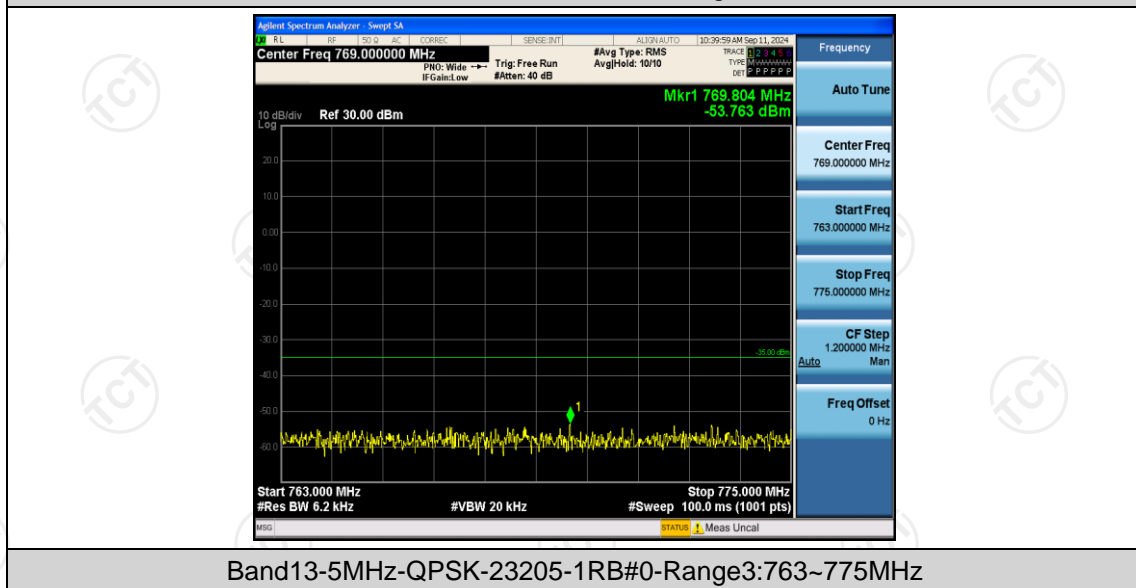
Band1 3	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-53.1 3	PAS S
Band1 3	5MHz	16QAM	23205	1RB#0	Range2:1000~10000M Hz	-34.5 2	PAS S
Band1 3	5MHz	16QAM	23205	1RB#0	Range5:1559~1610M Hz	-60.5 7	PAS S
Band1 3	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-51.4 3	PAS S
Band1 3	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-53.0 4	PAS S
Band1 3	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-54.3 2	PAS S
Band1 3	5MHz	16QAM	23230	1RB#0	Range2:1000~10000M Hz	-35.1 9	PAS S
Band1 3	5MHz	16QAM	23230	1RB#0	Range5:1559~1610M Hz	-56.5 3	PAS S
Band1 3	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-52.0 9	PAS S
Band1 3	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-53.6	PAS S
Band1 3	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-53.9	PAS S
Band1 3	5MHz	16QAM	23255	1RB#0	Range2:1000~10000M Hz	-34.4	PAS S
Band1 3	5MHz	16QAM	23255	1RB#0	Range5:1559~1610M Hz	-54.7 1	PAS S
Band1 3	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-50.5 5	PAS S
Band1 3	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-53.7 2	PAS S
Band1 3	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-52.4 3	PAS S
Band1 3	10MHz	QPSK	23230	1RB#0	Range2:1000~10000M Hz	-34.7 6	PAS S
Band1 3	10MHz	QPSK	23230	1RB#0	Range5:1559~1610M Hz	-61.2 7	PAS S
Band1 3	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-52.3 1	PAS S
Band1 3	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-53.4 7	PAS S
Band1 3	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-52.9 1	PAS S

Band1 3	10MHz	16QAM	23230	1RB#0	Range2:1000~10000M Hz	-35.4 2	PAS S
Band1 3	10MHz	16QAM	23230	1RB#0	Range5:1559~1610M Hz	-60.9 9	PAS S

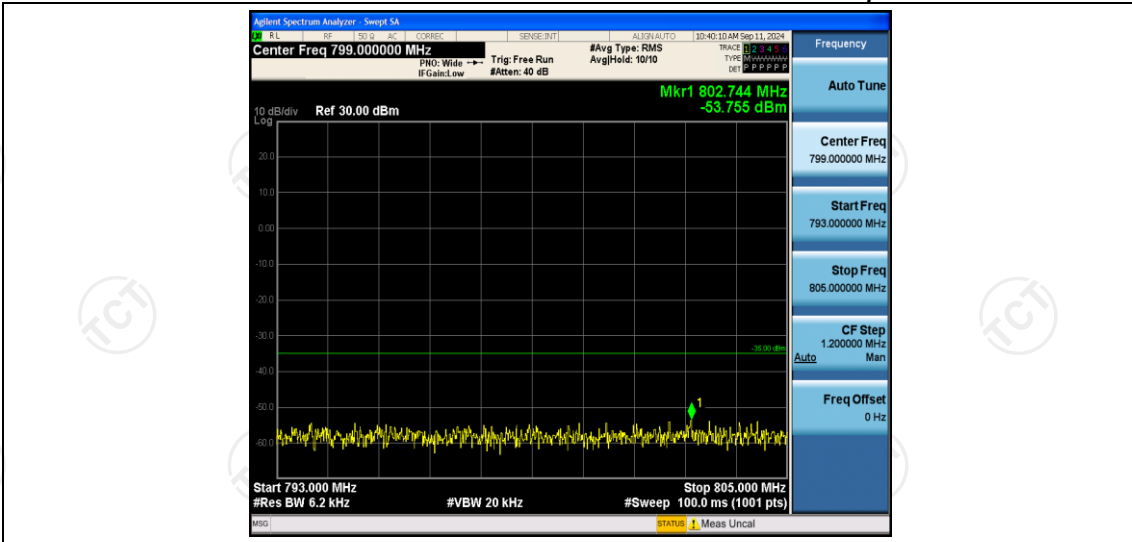
## Test Graphs



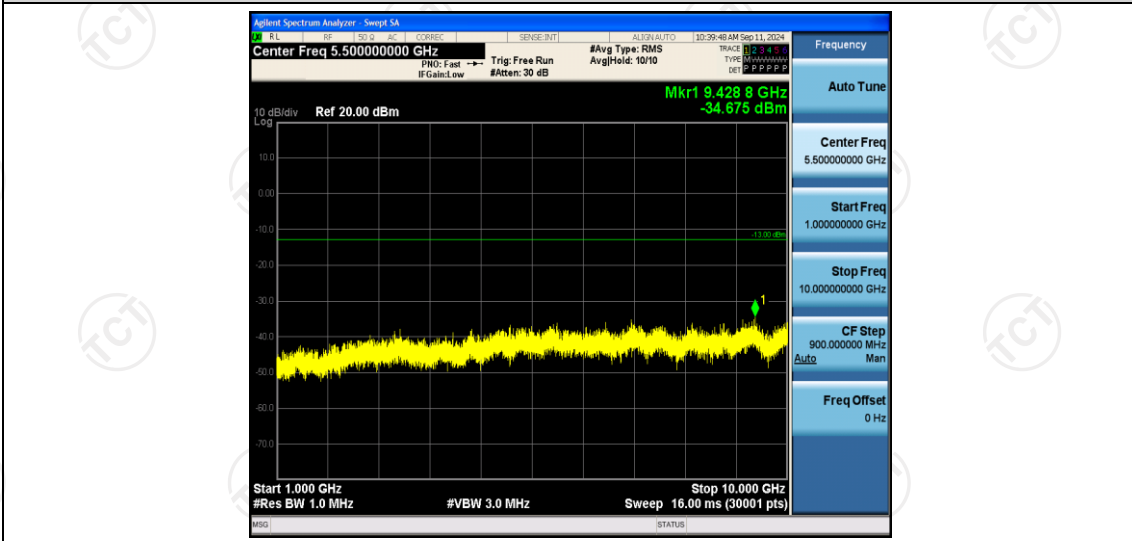
Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



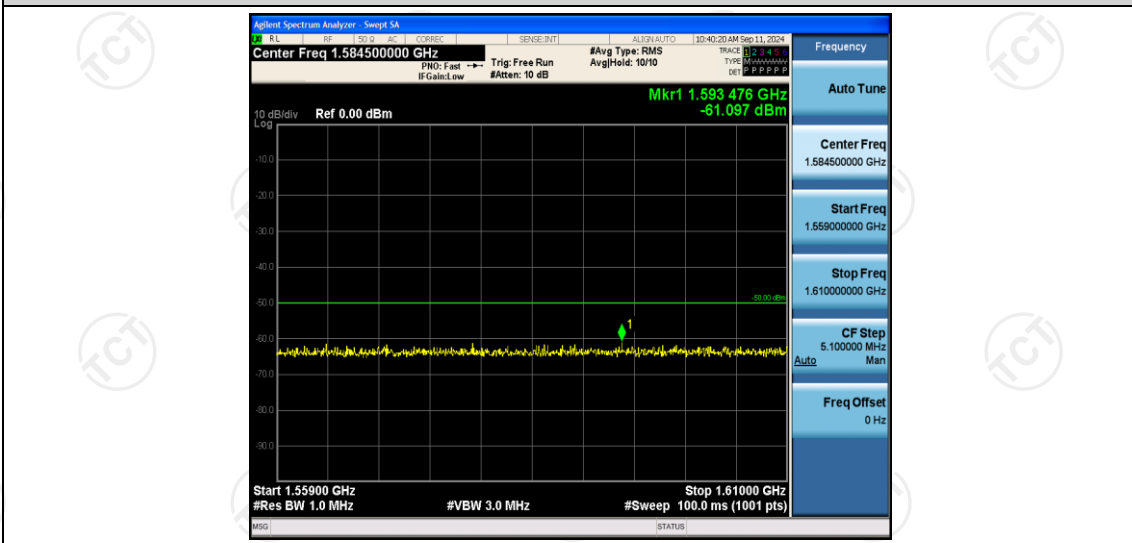
Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



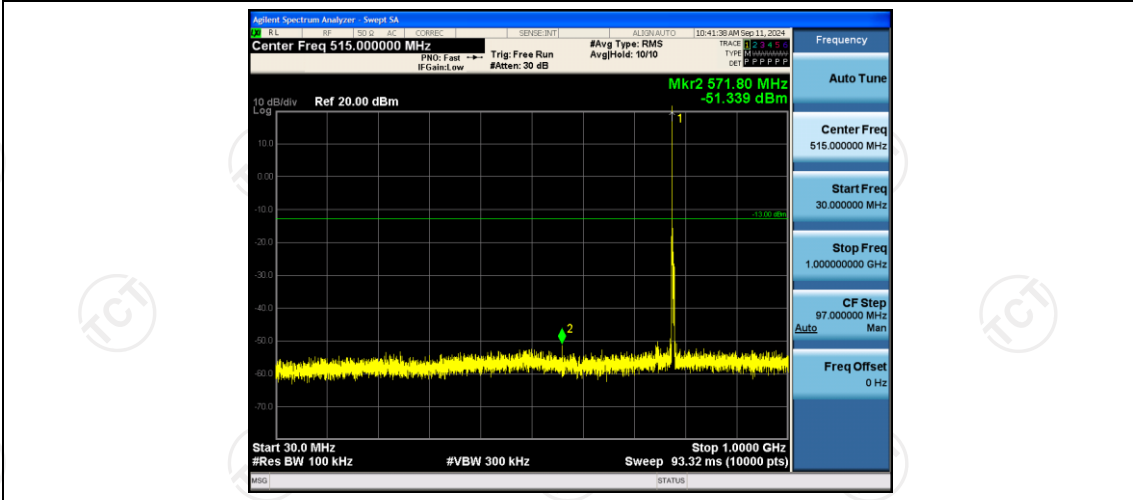
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



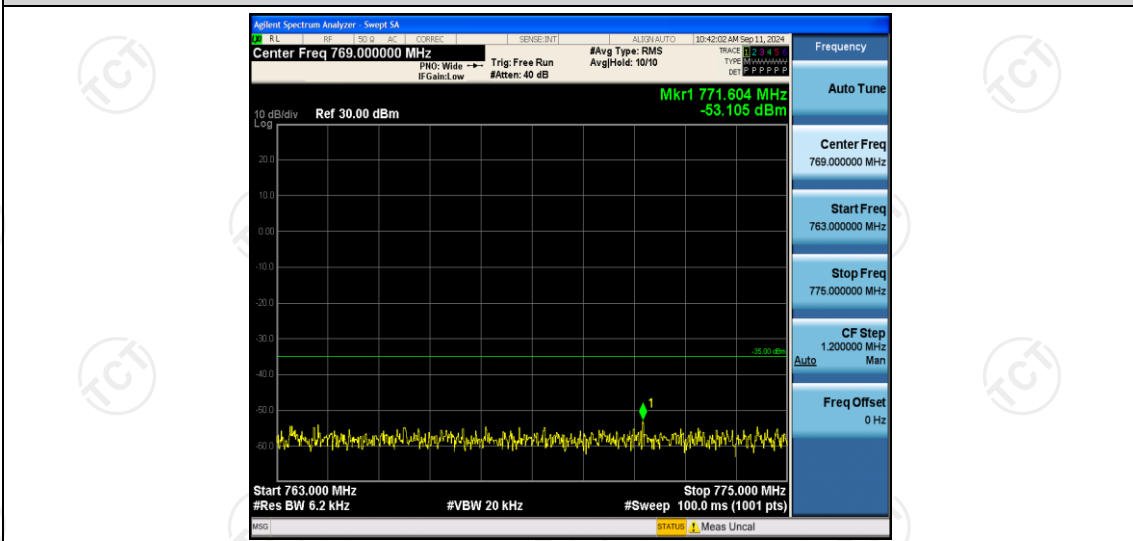
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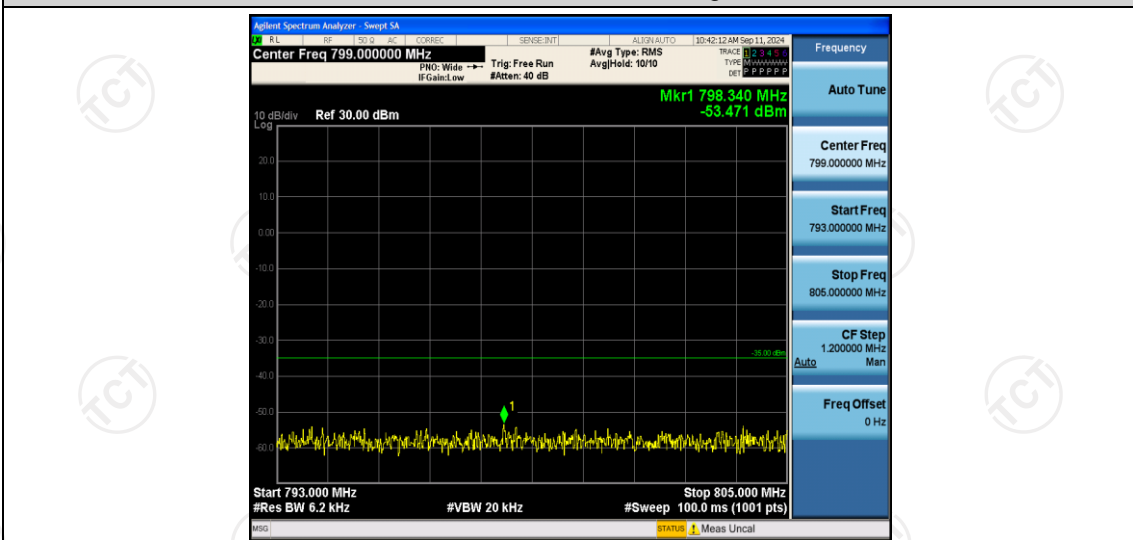
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



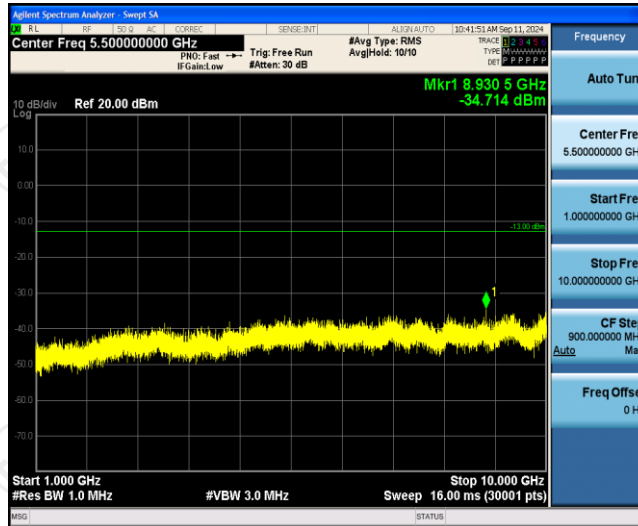
Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



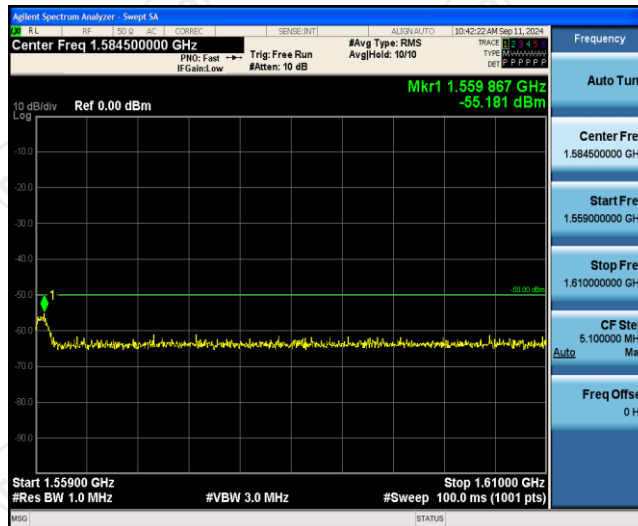
Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



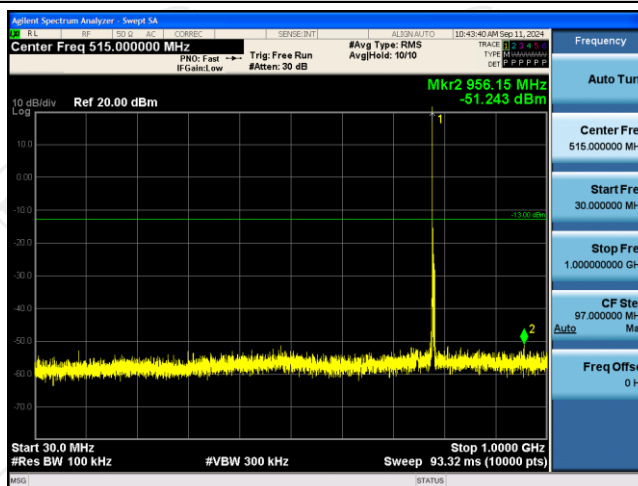
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



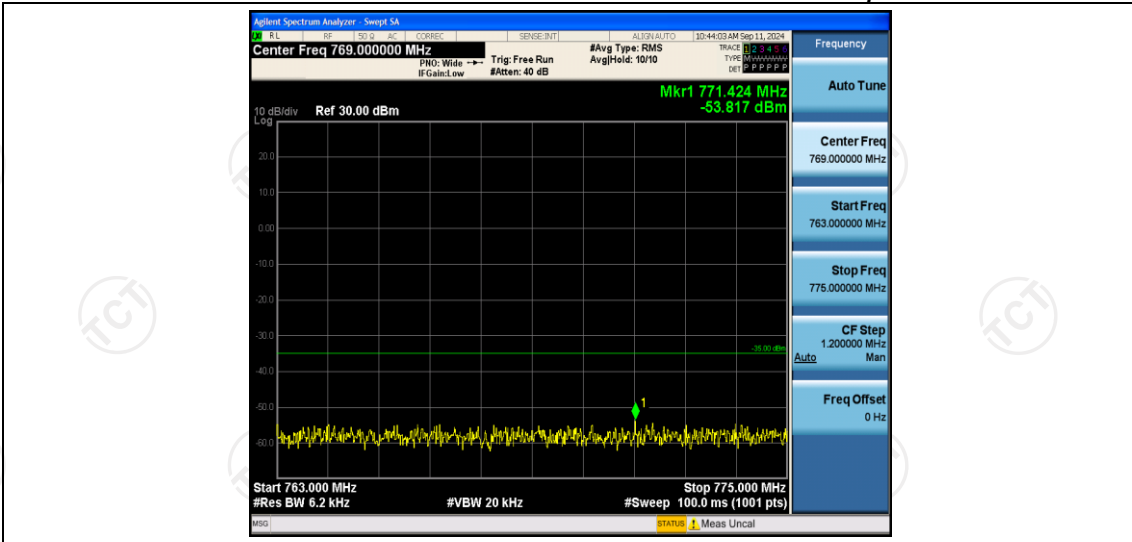
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



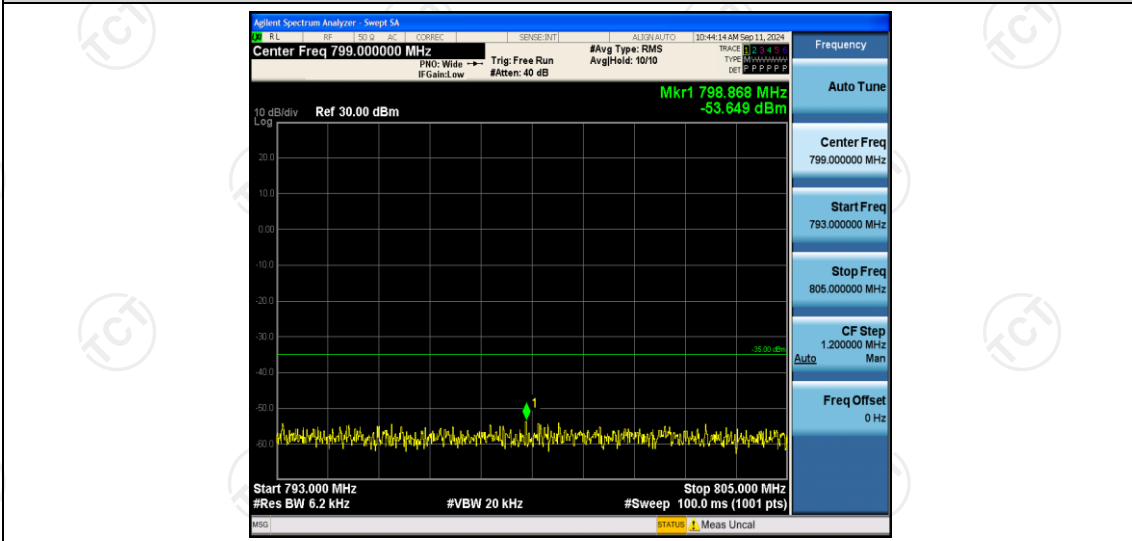
Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



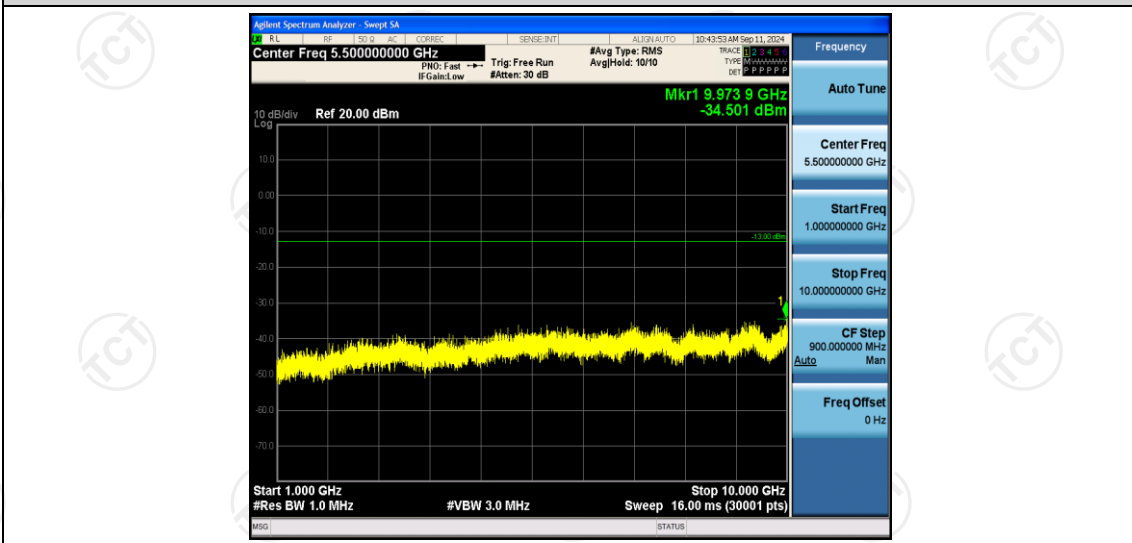
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



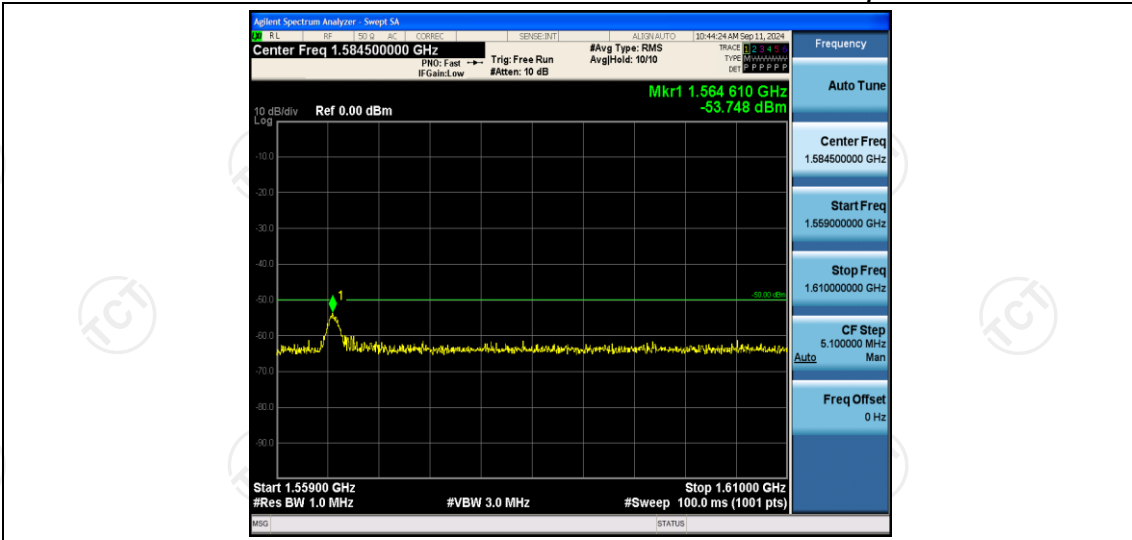
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



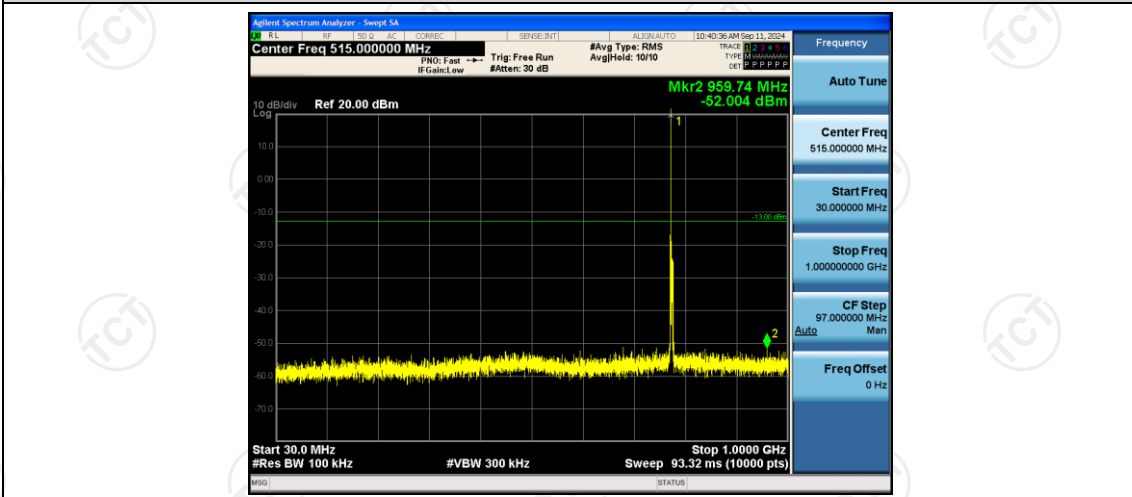
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



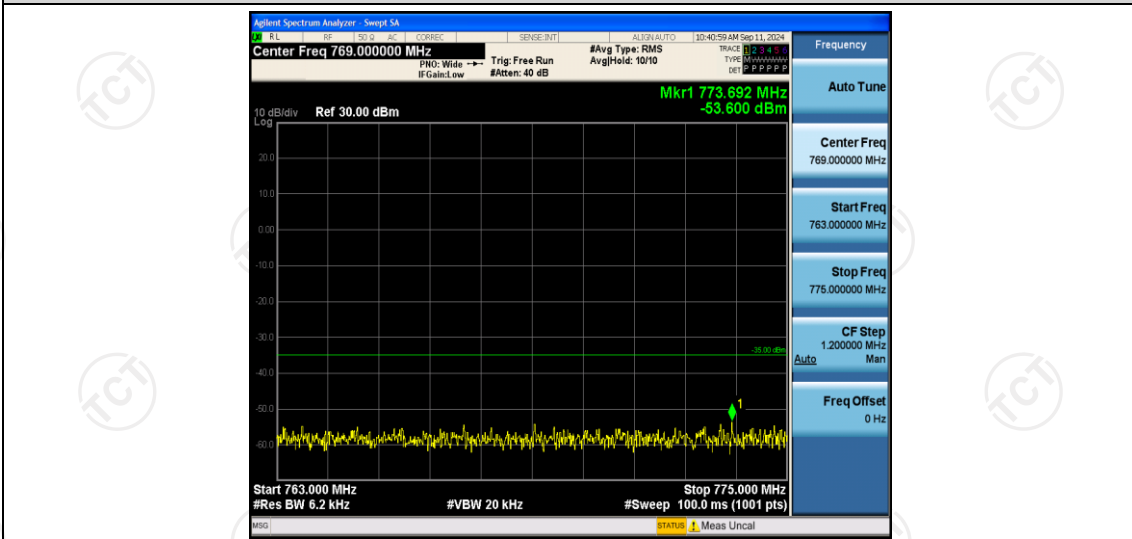
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



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

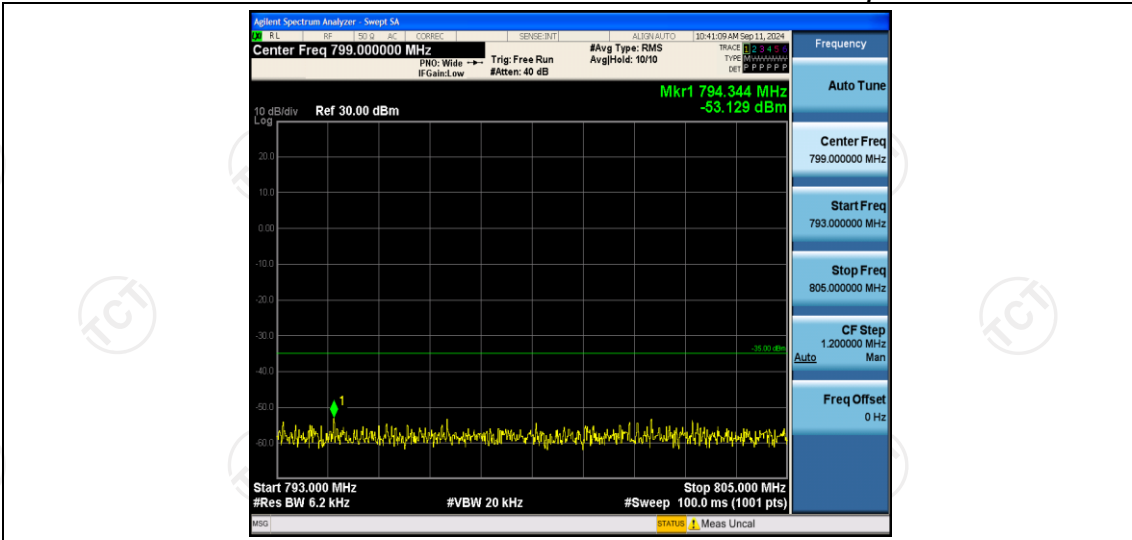


Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz

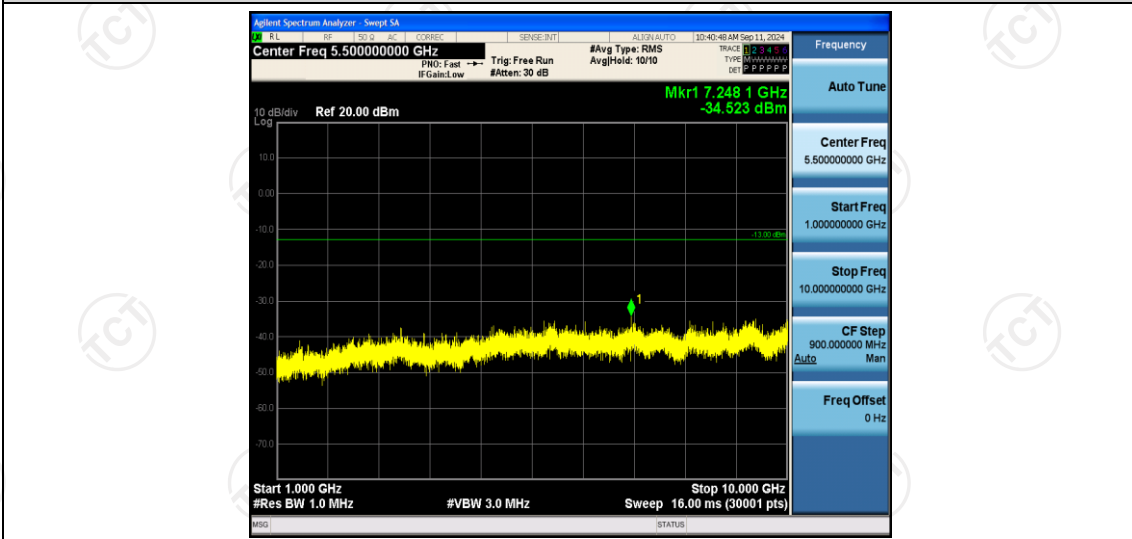


Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz

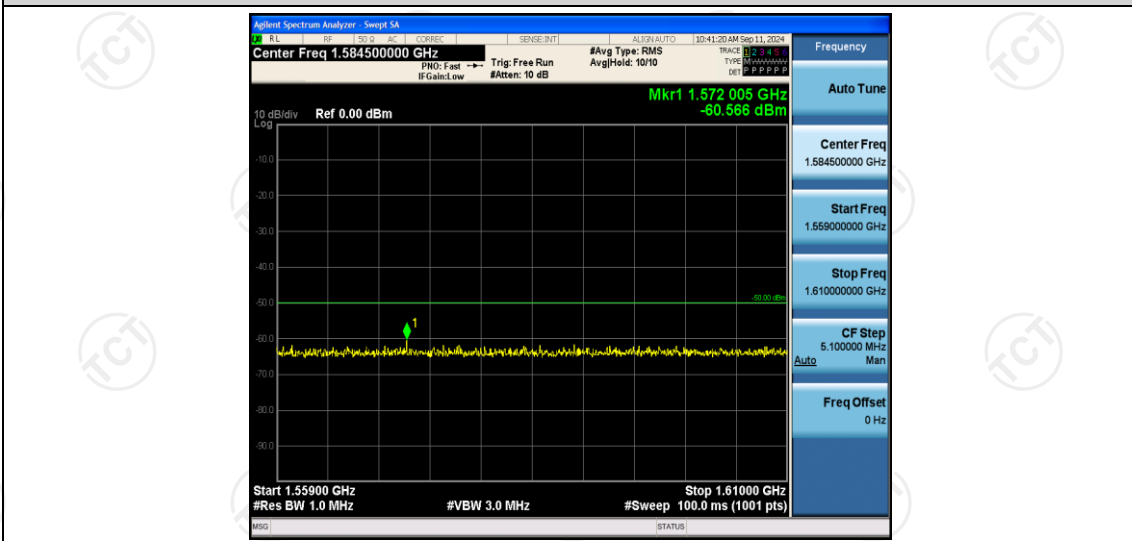




Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz