

Appendix_H

RF Test Data for LTE_Band13 Conducted Measurement

FCC ID:2A7DX-FLAT1

Product Name:Smart phone

Test Model:FLAT 1C

Environmental Conditions

Temperature:	21℃
Relative Humidity:	51%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.R.P. (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.38	18.94	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.31	18.87	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.29	18.85	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.45	18.01	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.46	18.02	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.73	18.29	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.68	18.24	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.24	18.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.24	18.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.33	18.89	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.59	18.15	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.59	18.15	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.37	17.93	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.64	18.2	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.27	18.83	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.42	18.98	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.45	19.01	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.37	17.93	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.37	17.93	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.70	18.26	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.42	17.98	PASS
Band13	5MHz	16QAM	23205	1RB#0	20.78	17.34	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.01	17.57	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.03	17.59	PASS
Band13	5MHz	16QAM	23205	12RB#0	20.84	17.4	PASS
Band13	5MHz	16QAM	23205	12RB#6	20.91	17.47	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.57	17.13	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.69	17.25	PASS
Band13	5MHz	16QAM	23230	1RB#0	20.94	17.5	PASS
Band13	5MHz	16QAM	23230	1RB#12	20.83	17.39	PASS

Band13	5MHz	16QAM	23230	1RB#24	20.68	17.24	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.66	17.22	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.59	17.15	PASS
Band13	5MHz	16QAM	23230	12RB#13	20.71	17.27	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.73	17.29	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.73	18.29	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.36	17.92	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.73	18.29	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.64	17.2	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.75	17.31	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.83	17.39	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.74	17.3	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.13	18.69	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.23	18.79	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.26	18.82	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.43	17.99	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.43	17.99	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.19	17.75	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.52	18.08	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.08	17.64	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.52	18.08	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.39	17.95	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.53	17.09	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.44	17	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.51	17.07	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.44	17	PASS

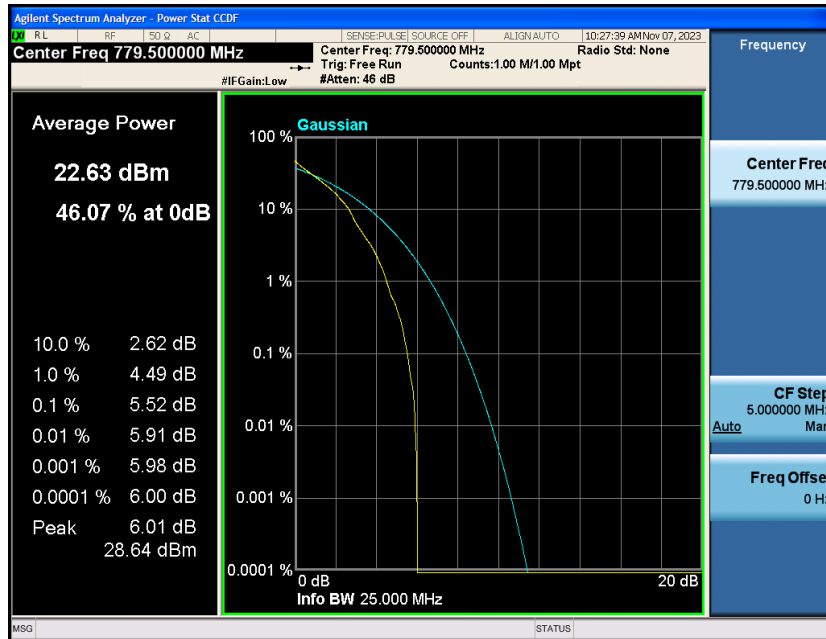
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

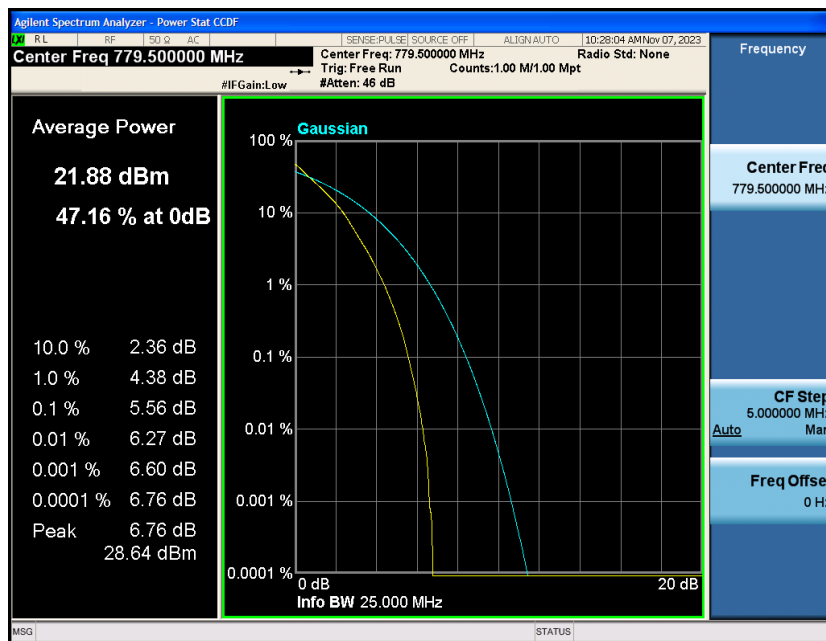
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	5.52	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.56	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.95	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.62	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.51	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.51	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	6.15	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.22	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.22	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.31	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	6.03	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.31	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.30	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.60	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.18	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.32	13	PASS

Test Graphs

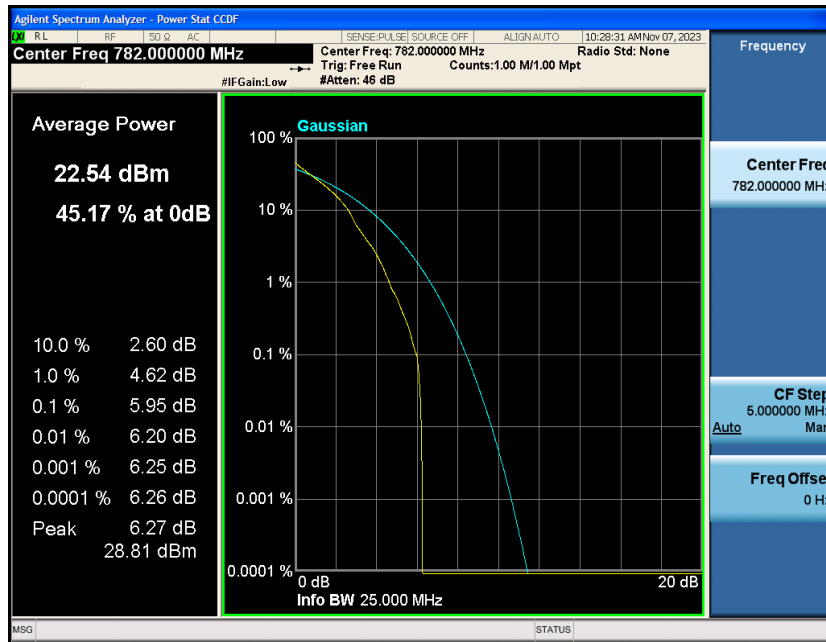
Band13-5MHz-QPSK-23205-1RB#0



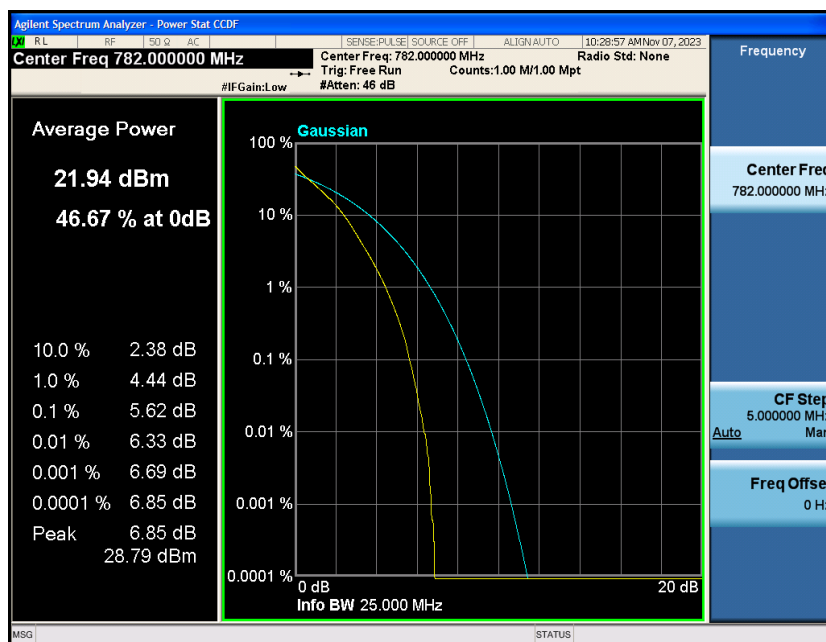
Band13-5MHz-QPSK-23205-25RB#0



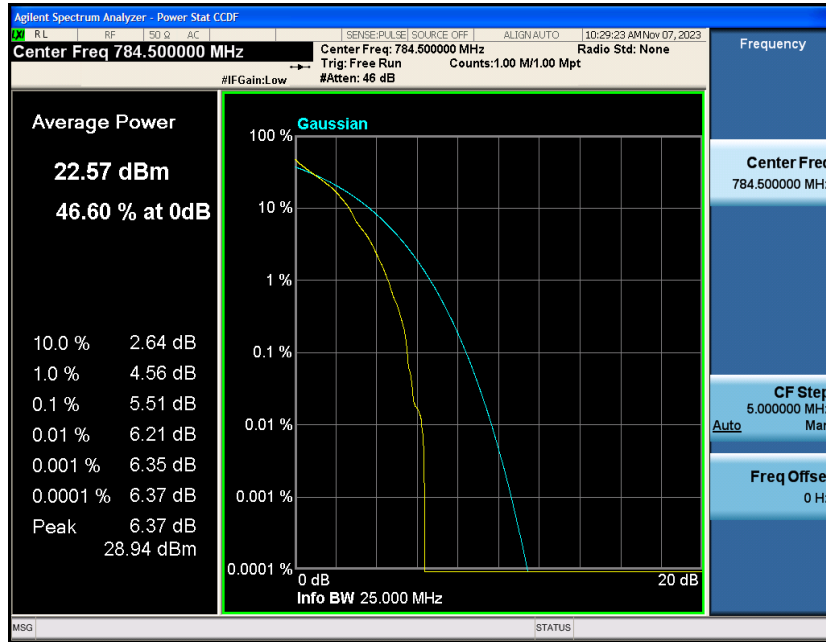
Band13-5MHz-QPSK-23230-1RB#0



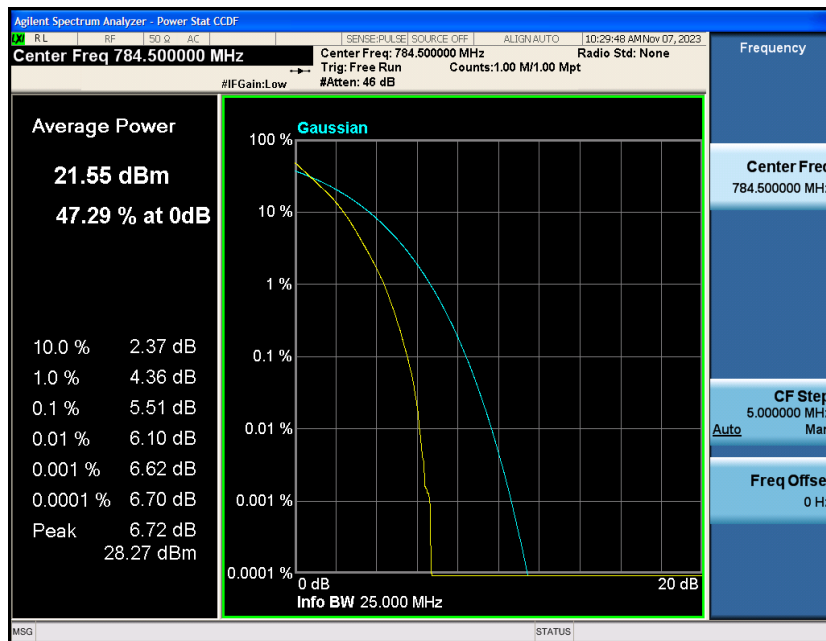
Band13-5MHz-QPSK-23230-25RB#0



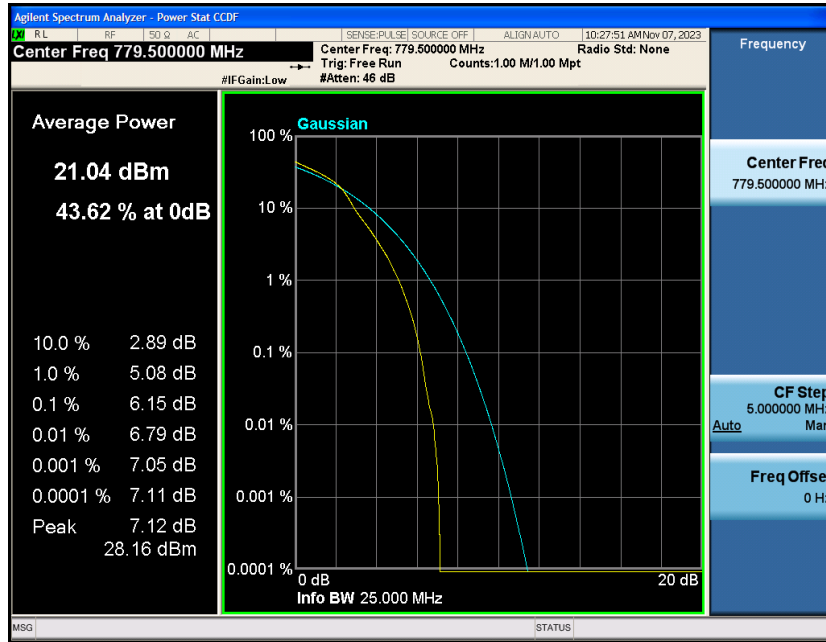
Band13-5MHz-QPSK-23255-1RB#0



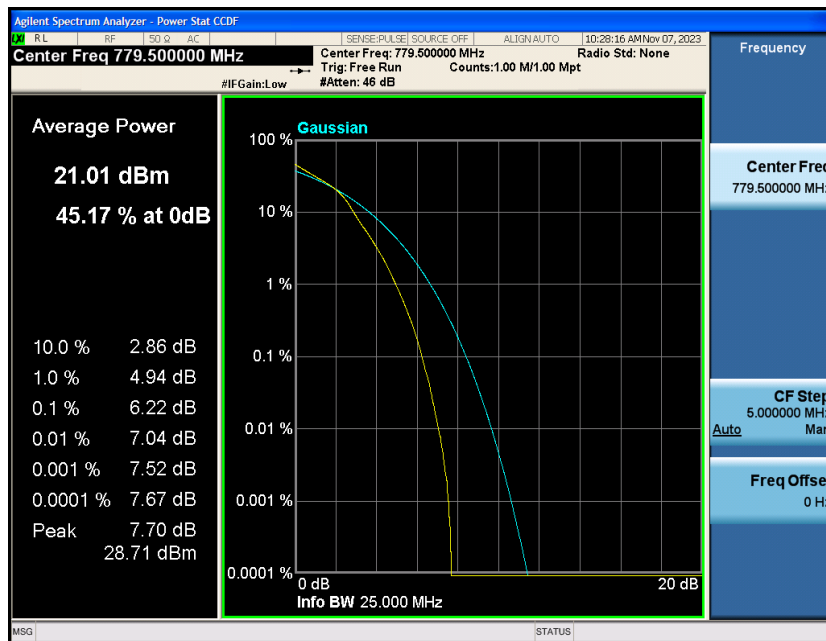
Band13-5MHz-QPSK-23255-25RB#0



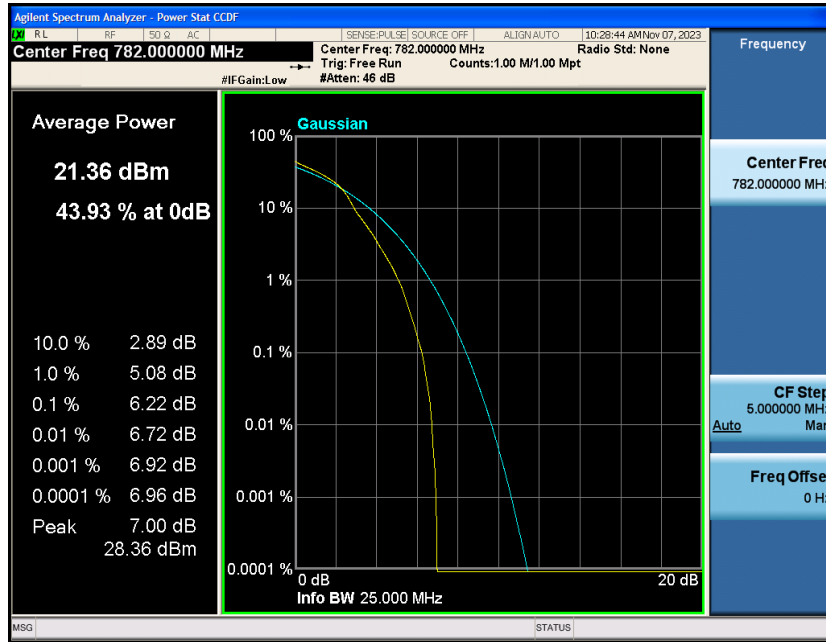
Band13-5MHz-16QAM-23205-1RB#0



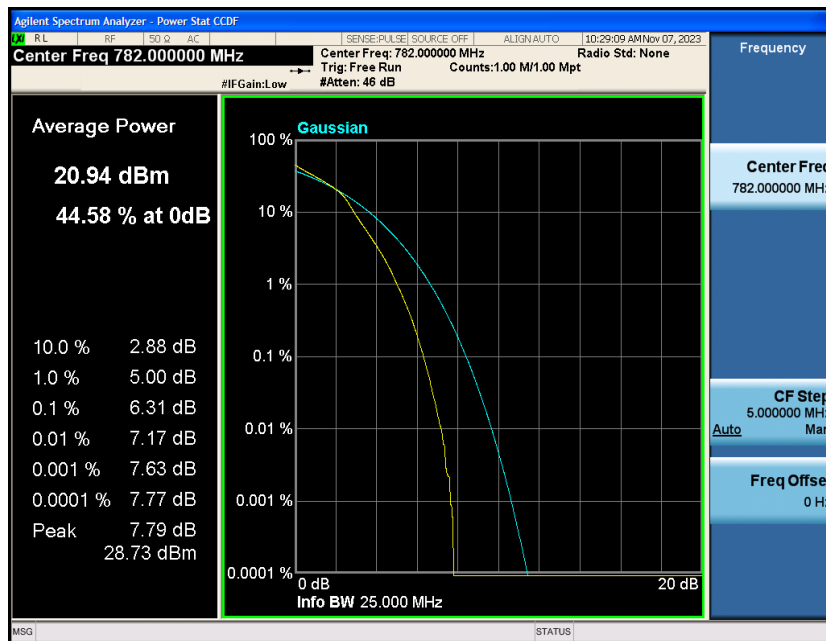
Band13-5MHz-16QAM-23205-25RB#0



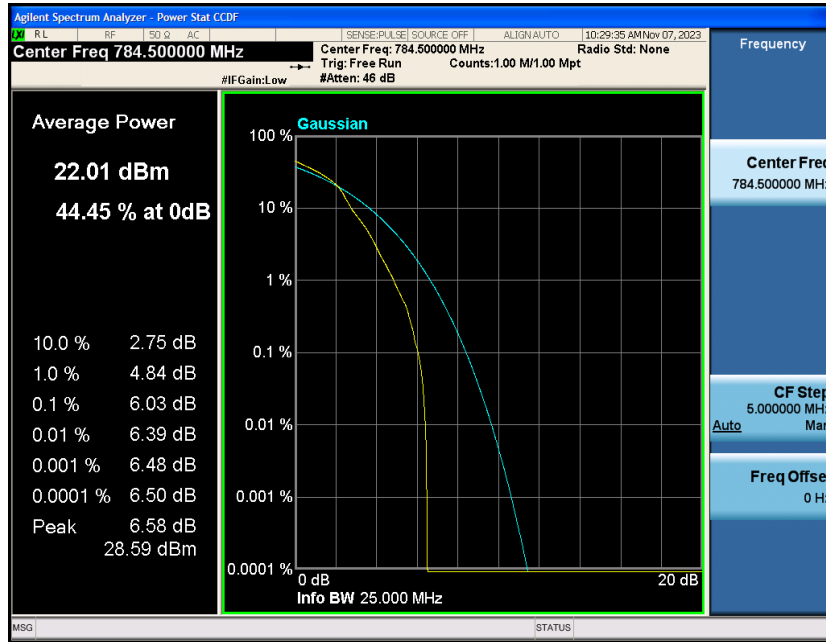
Band13-5MHz-16QAM-23230-1RB#0



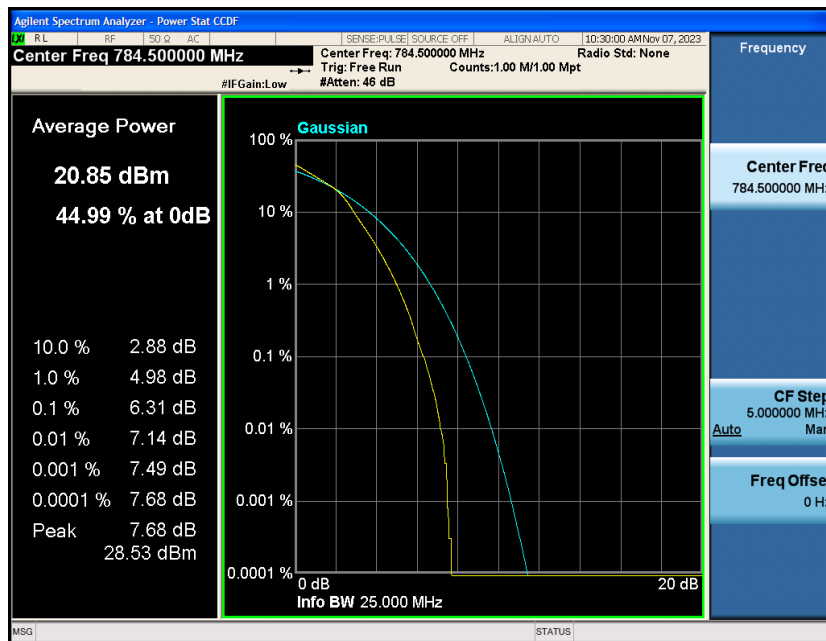
Band13-5MHz-16QAM-23230-25RB#0



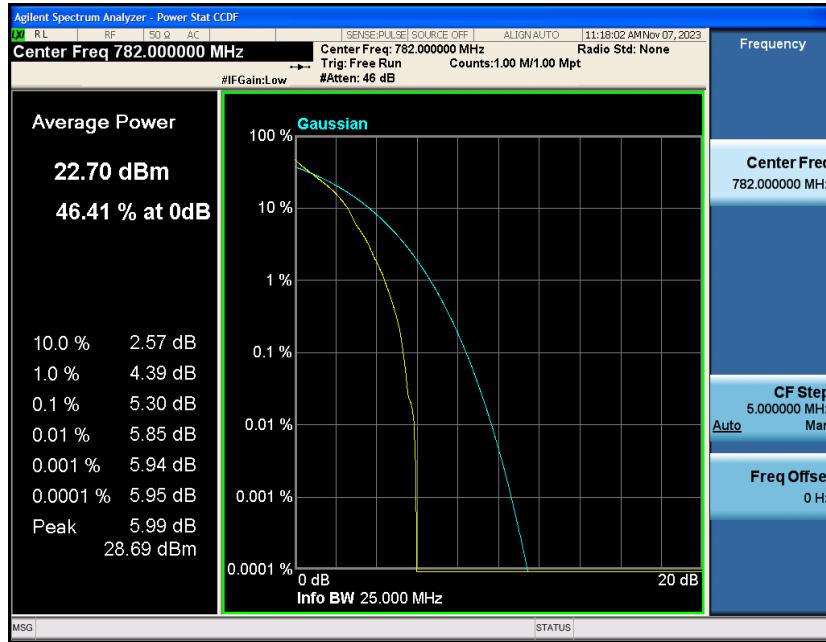
Band13-5MHz-16QAM-23255-1RB#0



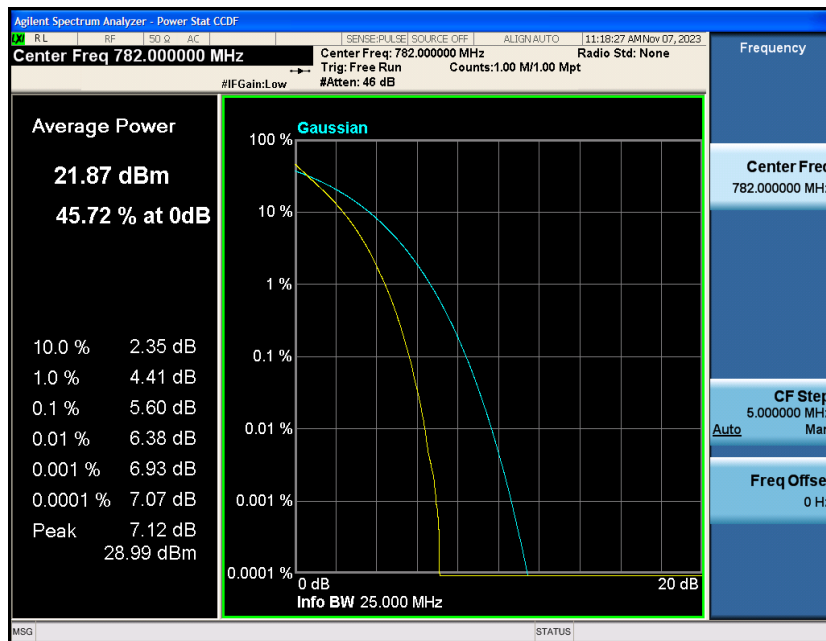
Band13-5MHz-16QAM-23255-25RB#0



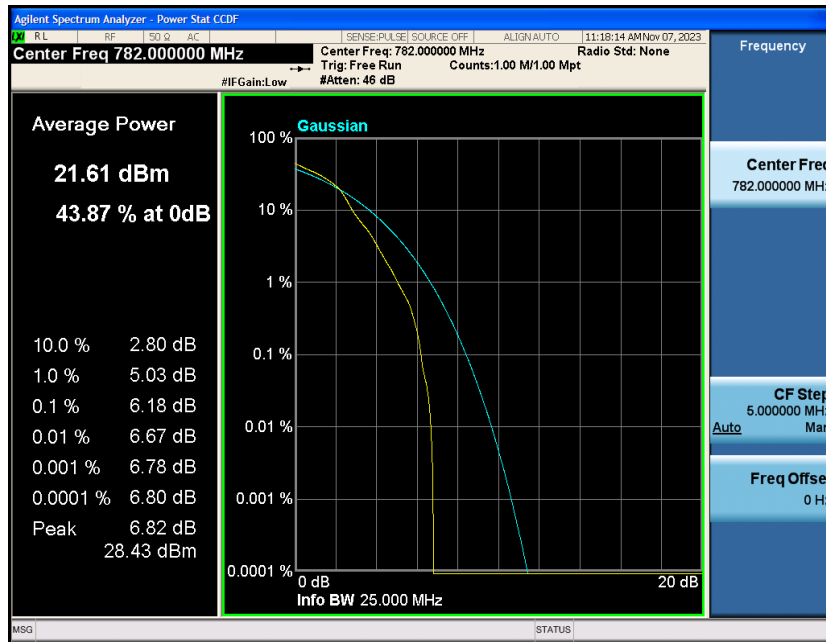
Band13-10MHz-QPSK-23230-1RB#0



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



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



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



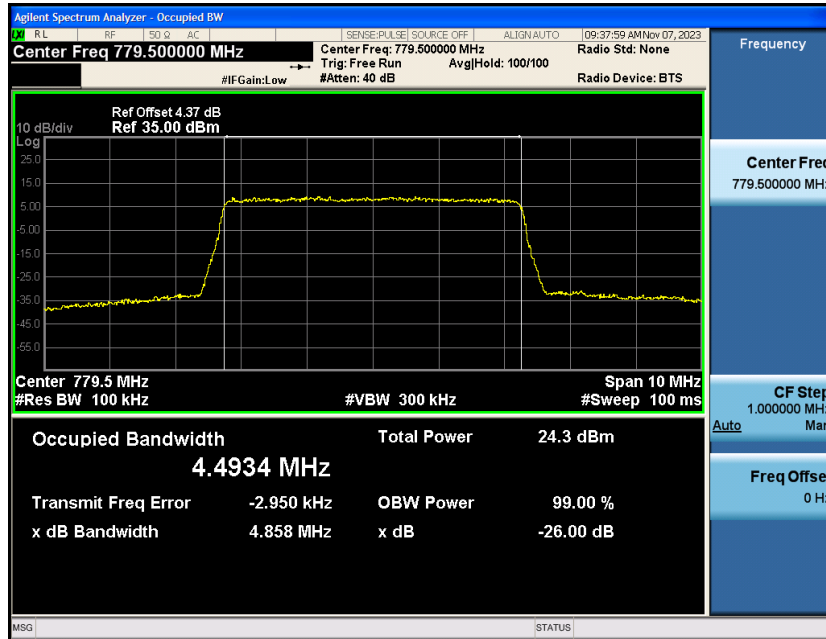
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

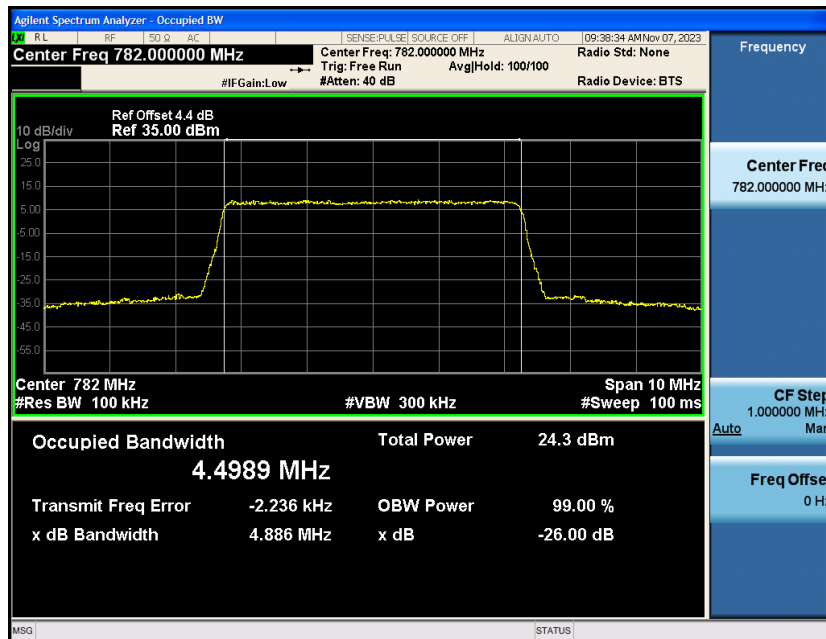
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4934	4.858	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4989	4.886	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4870	4.871	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4969	4.844	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4940	4.877	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4905	4.869	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9770	9.553	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9634	9.552	PASS

Test Graphs

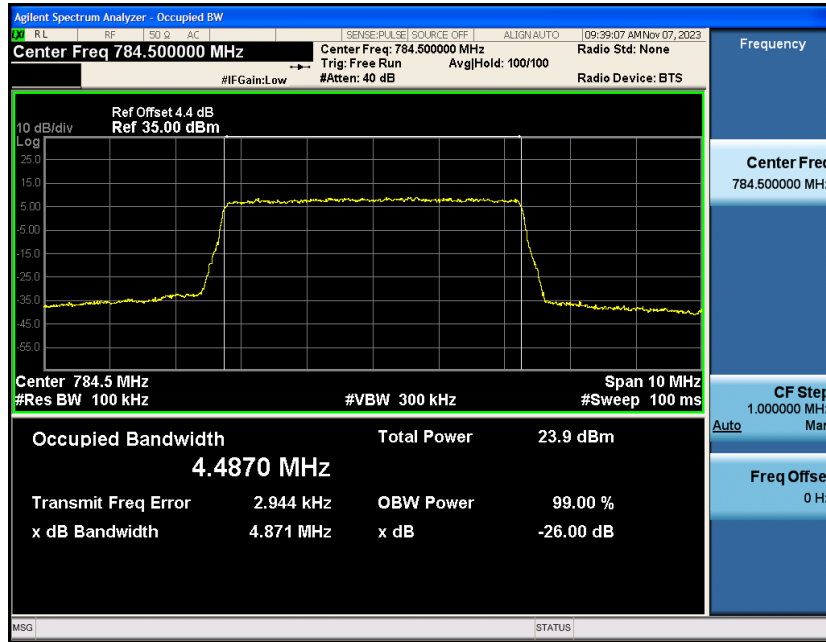
Band13-5MHz-QPSK-23205-25RB#0



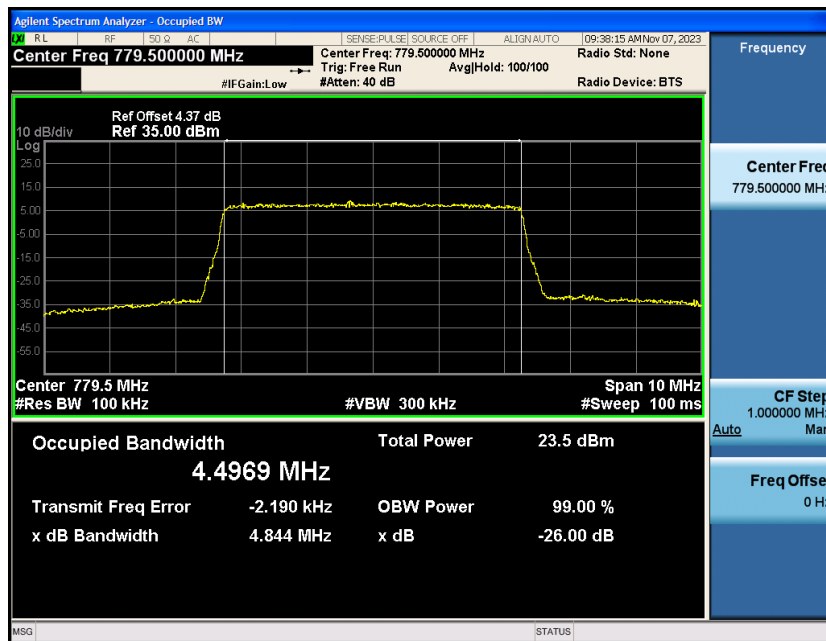
Band13-5MHz-QPSK-23230-25RB#0



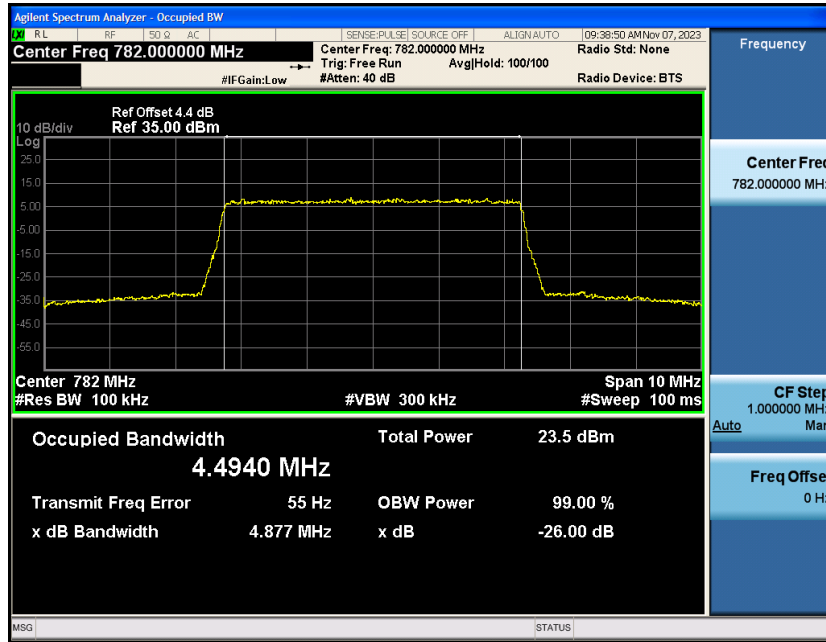
Band13-5MHz-QPSK-23255-25RB#0



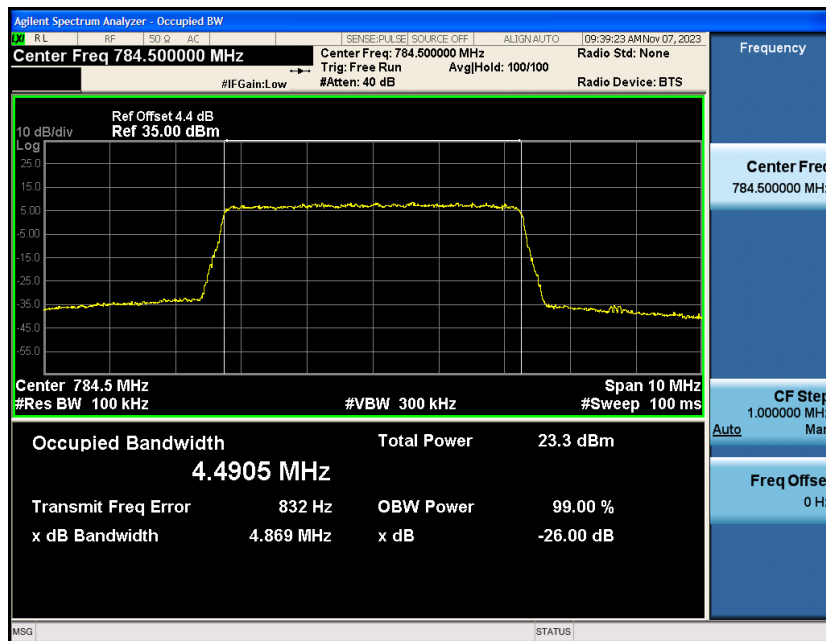
Band13-5MHz-16QAM-23205-25RB#0



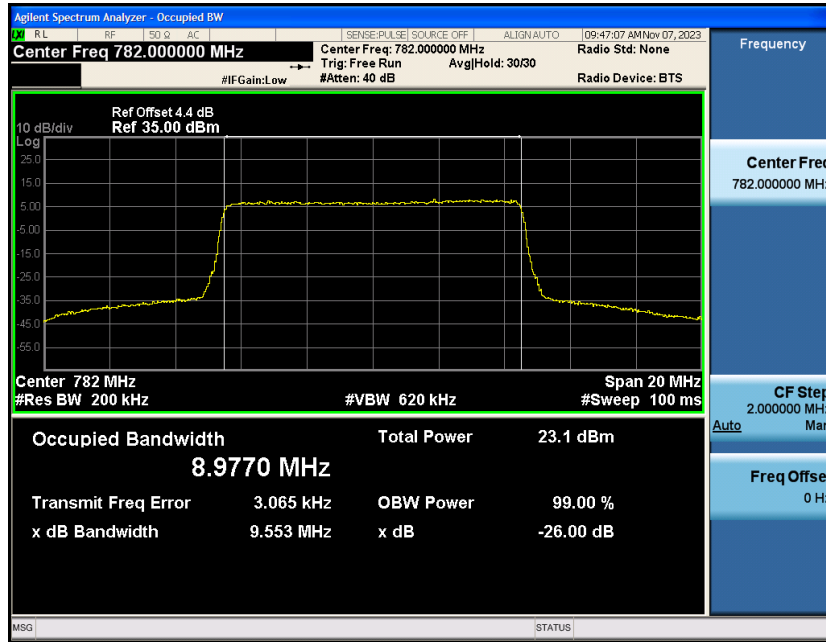
Band13-5MHz-16QAM-23230-25RB#0



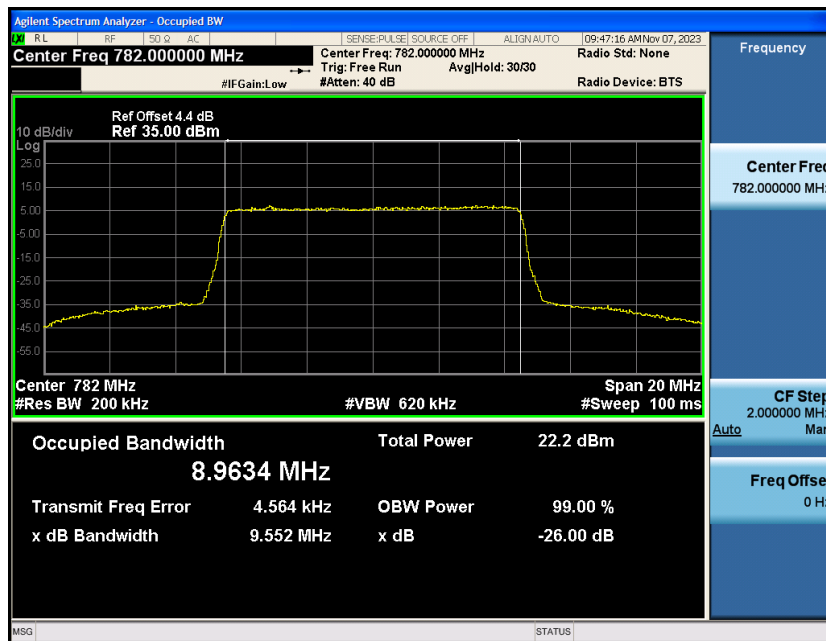
Band13-5MHz-16QAM-23255-25RB#0



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



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



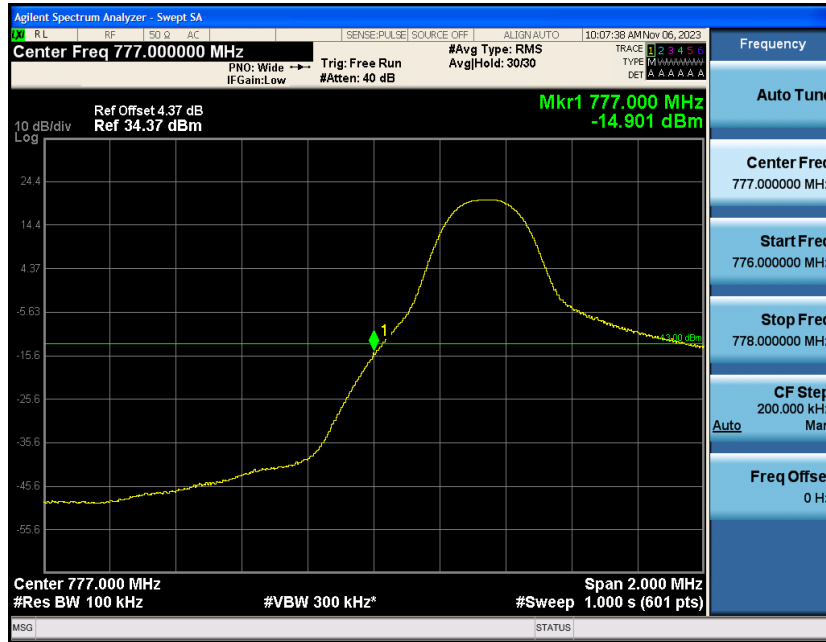
Appendix D: Band Edge

Test Result

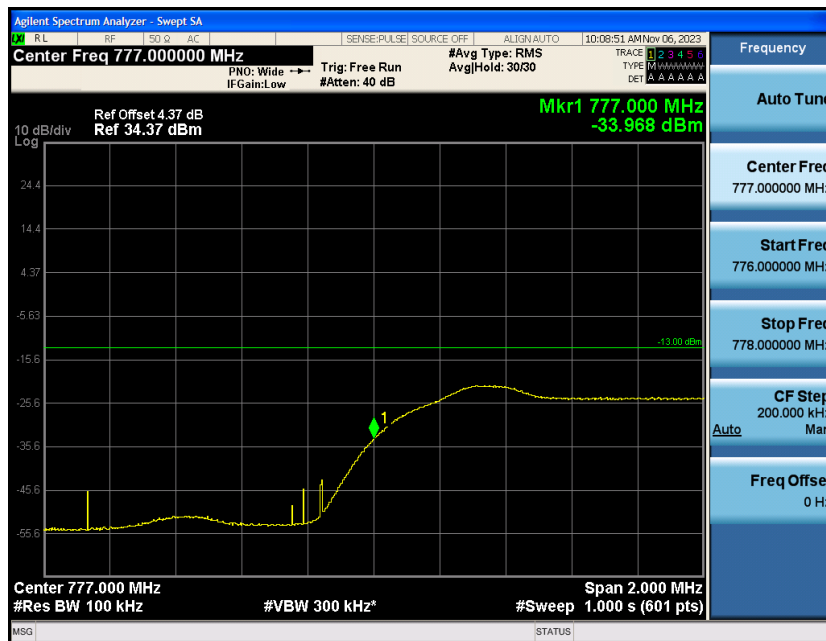
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-14.90	PASS
Band13	5MHz	QPSK	23205	1RB#24	-33.97	PASS
Band13	5MHz	QPSK	23205	25RB#0	-26.24	PASS
Band13	5MHz	QPSK	23255	1RB#0	-34.29	PASS
Band13	5MHz	QPSK	23255	1RB#24	-15.49	PASS
Band13	5MHz	QPSK	23255	25RB#0	-27.57	PASS
Band13	5MHz	16QAM	23205	1RB#0	-16.89	PASS
Band13	5MHz	16QAM	23205	1RB#24	-34.66	PASS
Band13	5MHz	16QAM	23205	25RB#0	-26.97	PASS
Band13	5MHz	16QAM	23255	1RB#0	-34.57	PASS
Band13	5MHz	16QAM	23255	1RB#24	-16.48	PASS
Band13	5MHz	16QAM	23255	25RB#0	-28.07	PASS
Band13	10MHz	QPSK	23230	1RB#0	-18.47,-38.35	PASS
Band13	10MHz	QPSK	23230	1RB#49	-36.94,-19.37	PASS
Band13	10MHz	QPSK	23230	50RB#0	-29.84,-30.20	PASS
Band13	10MHz	16QAM	23230	1RB#0	-19.65,-39.44	PASS
Band13	10MHz	16QAM	23230	1RB#49	-37.59,-19.90	PASS
Band13	10MHz	16QAM	23230	50RB#0	-30.28,-30.56	PASS

Test Graphs

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



Band13-5MHz-QPSK-23205-1RB#24



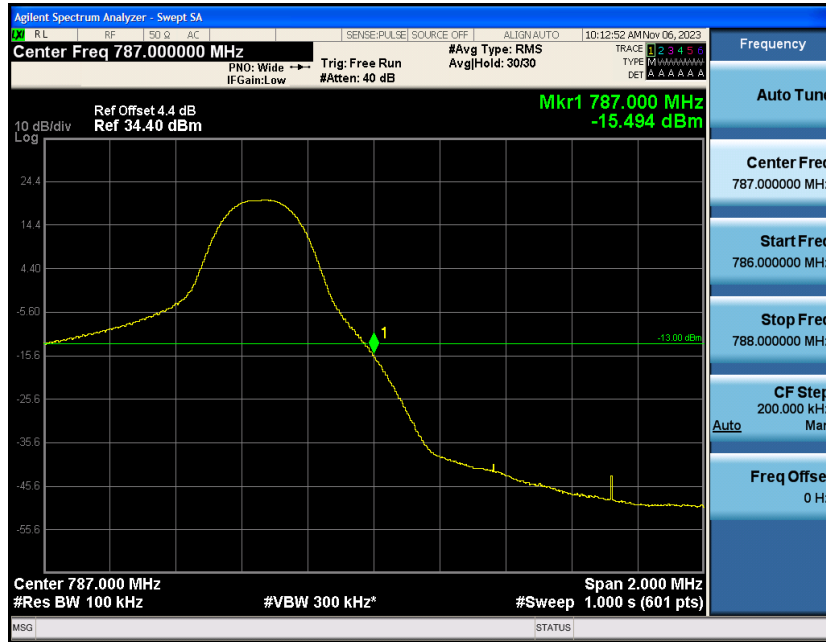
Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23255-1RB#0



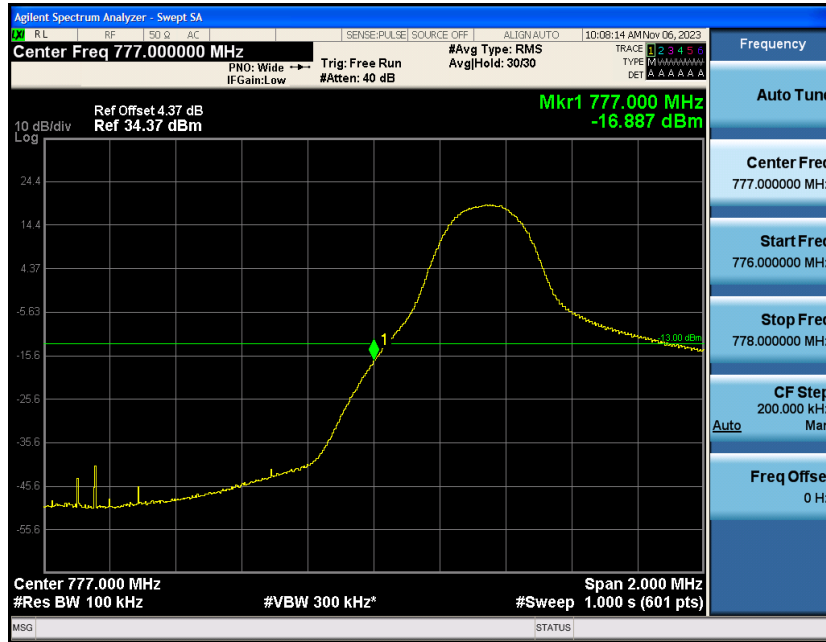
Band13-5MHz-QPSK-23255-1RB#24



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



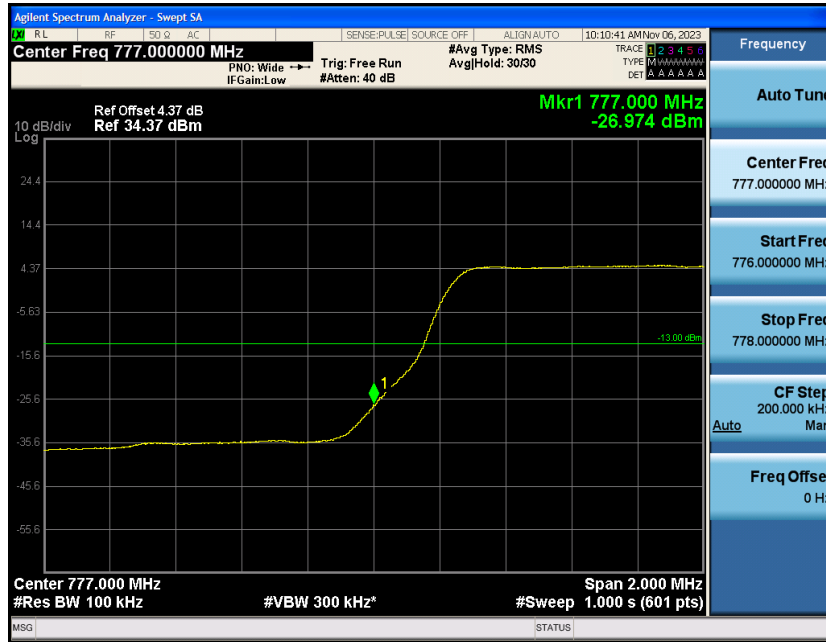
Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-1RB#24



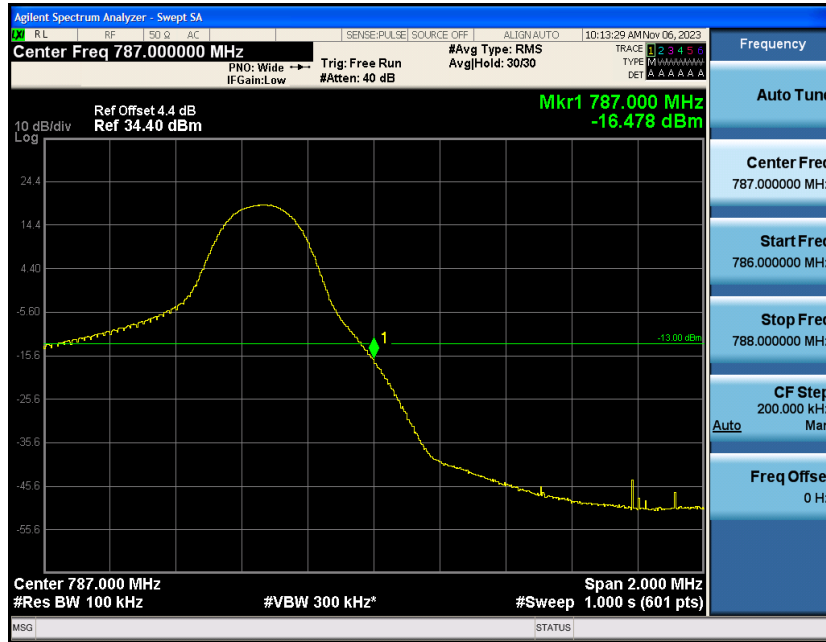
Band13-5MHz-16QAM-23205-25RB#0



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



Band13-5MHz-16QAM-23255-1RB#24



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



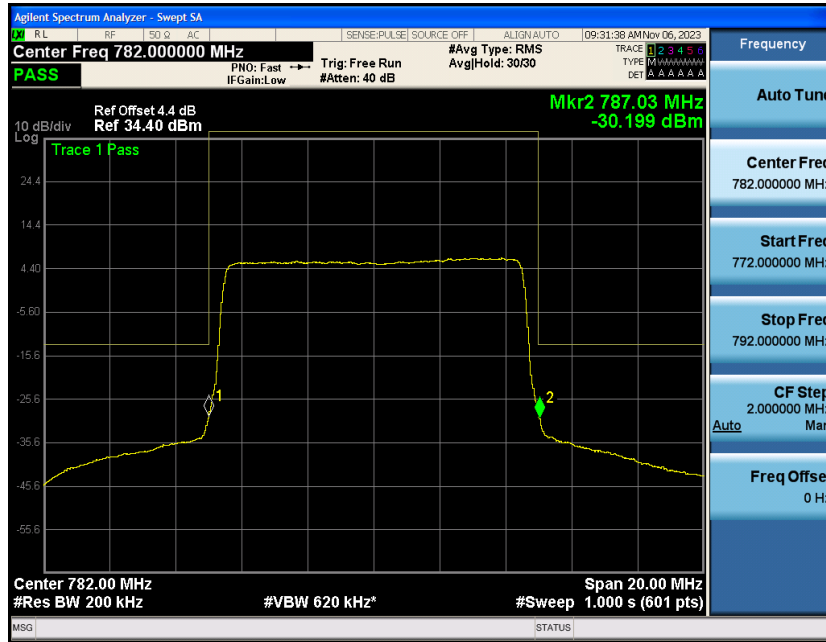
Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-1RB#49



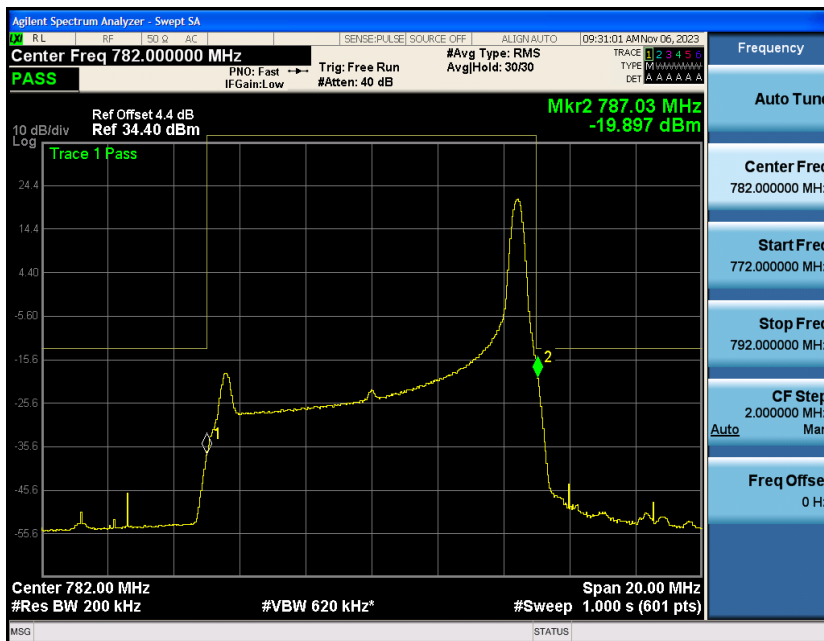
Band13-10MHz-QPSK-23230-50RB#0



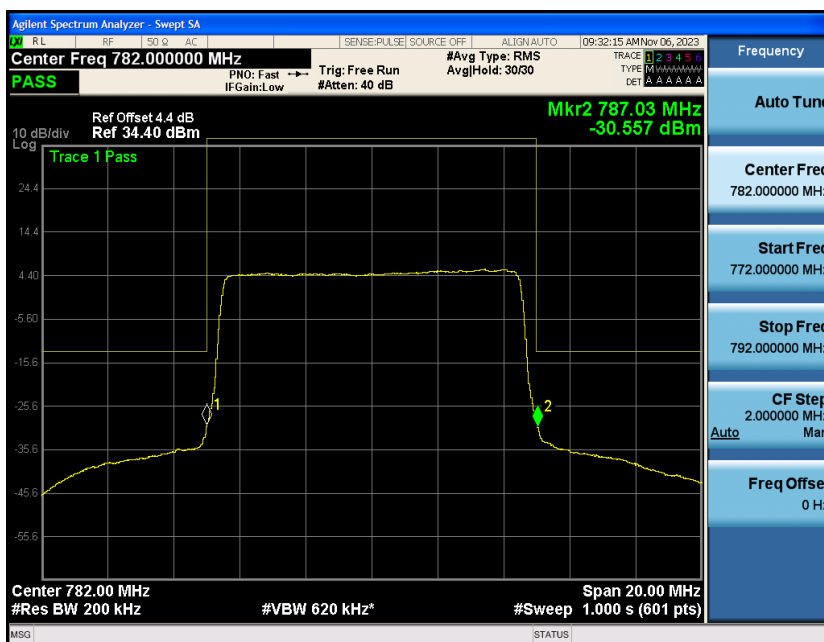
Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-1RB#49



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



Appendix E: Conducted Spurious Emission

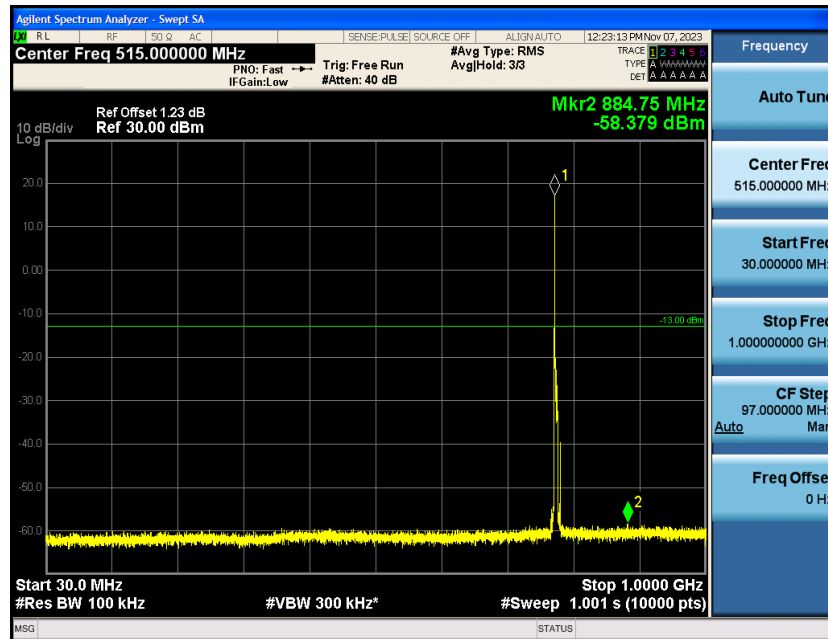
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-58.38	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-60.76	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-65.37	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-49.76	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-73.89	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-58.08	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-61.33	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-65.39	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-49.63	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-56.78	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-58.37	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-60.31	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-65.3	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-50.09	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-55.89	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-58.36	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-58.68	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-65.57	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-52.78	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-73.98	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-58.88	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-62.2	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-63.88	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-51.6	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-57.92	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-58.49	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-58.55	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-64.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-51.1	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-56.14	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-58.26	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-60.81	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-53.5	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-49.08	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-73.88	PASS

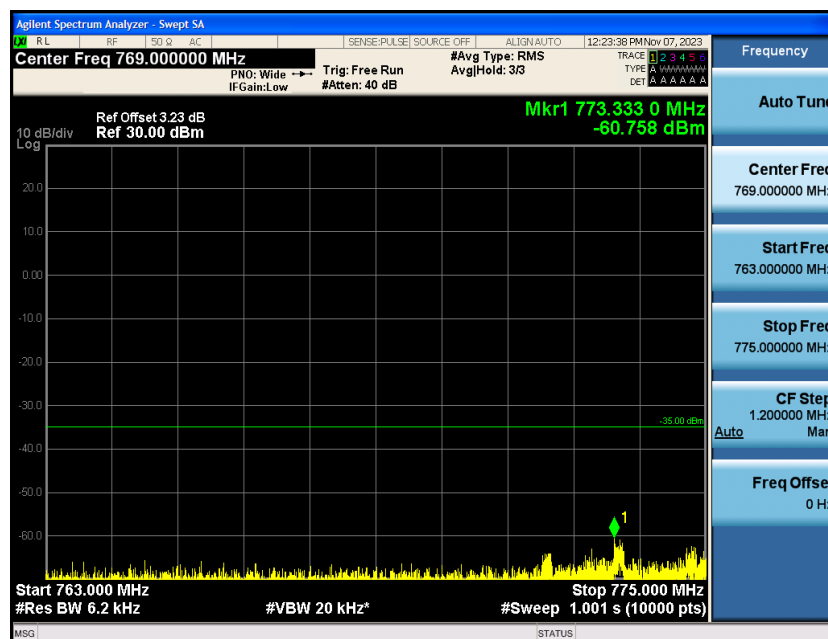
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-58.61	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-60.31	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-52.01	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-52.13	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-73.83	PASS

Test Graphs

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



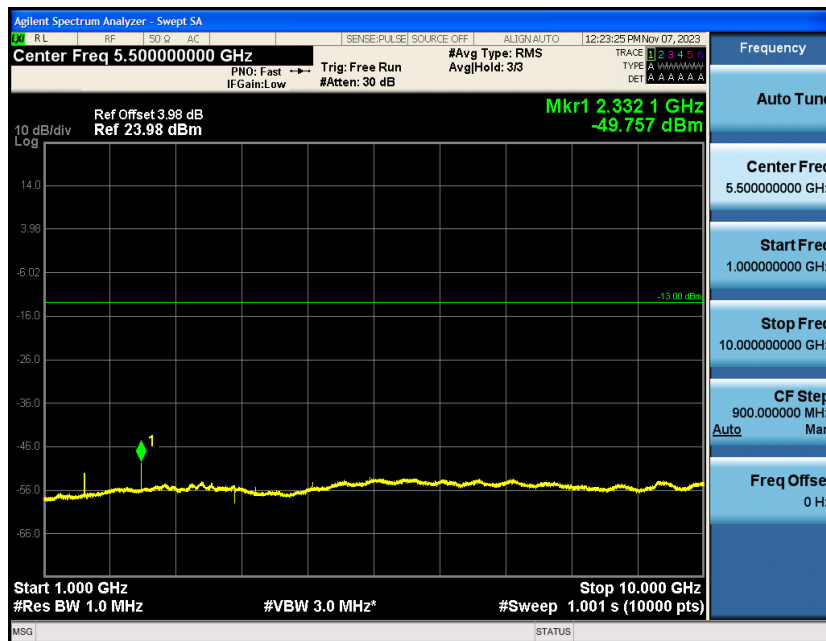
Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



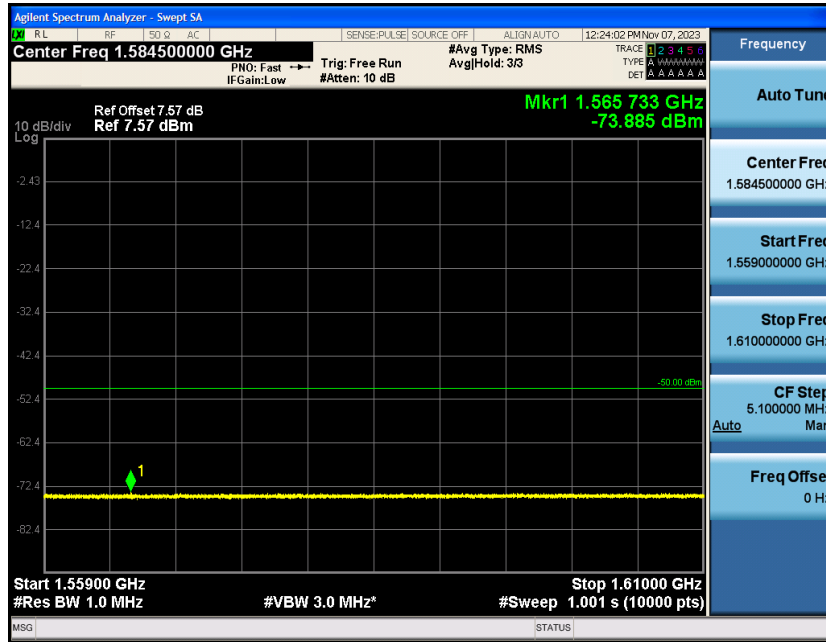
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



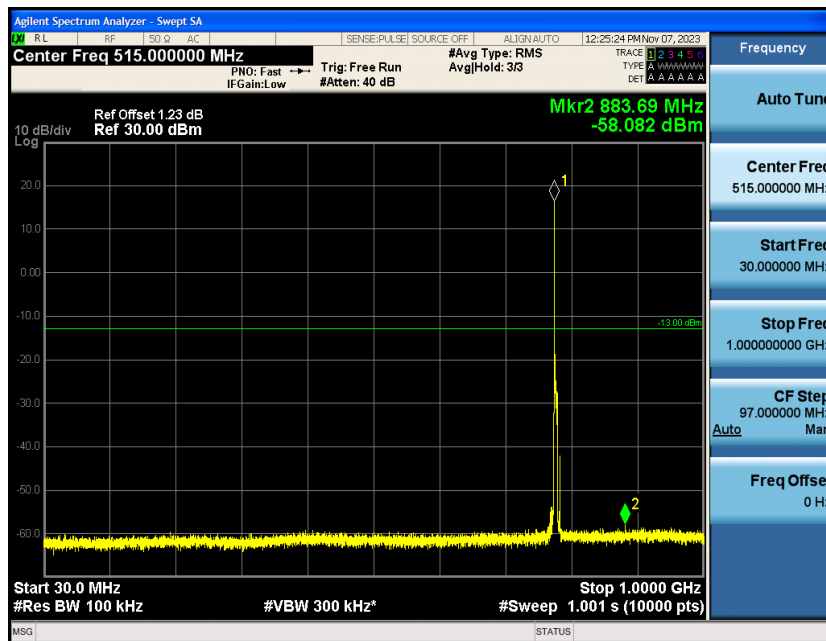
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



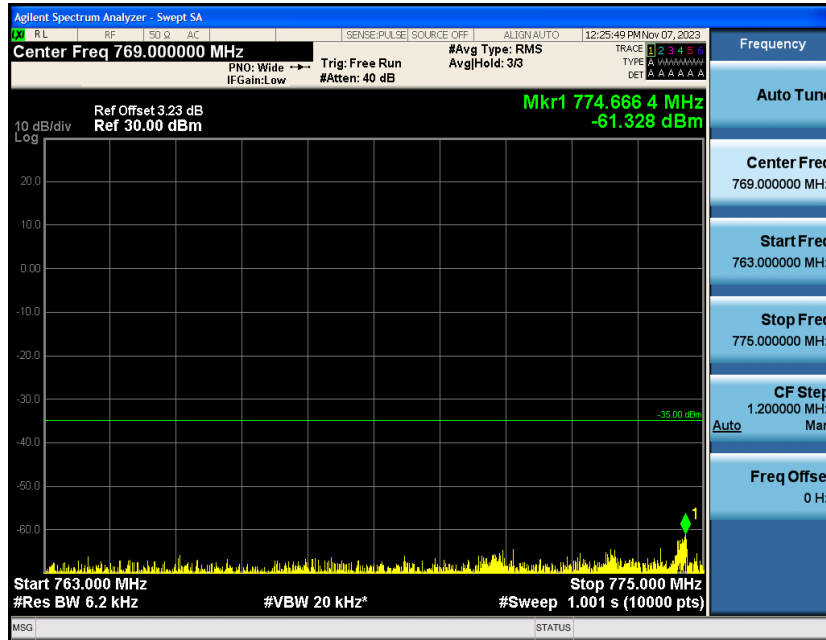
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



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



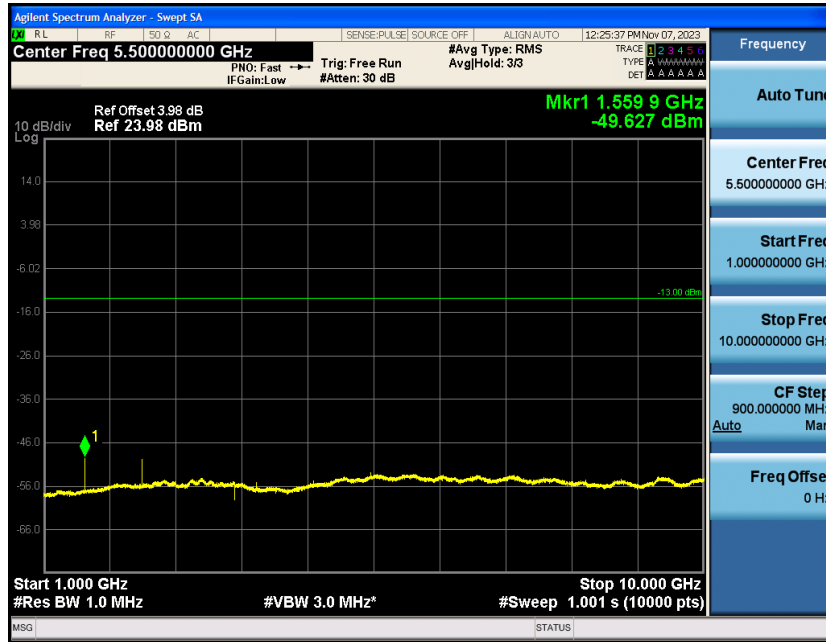
Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



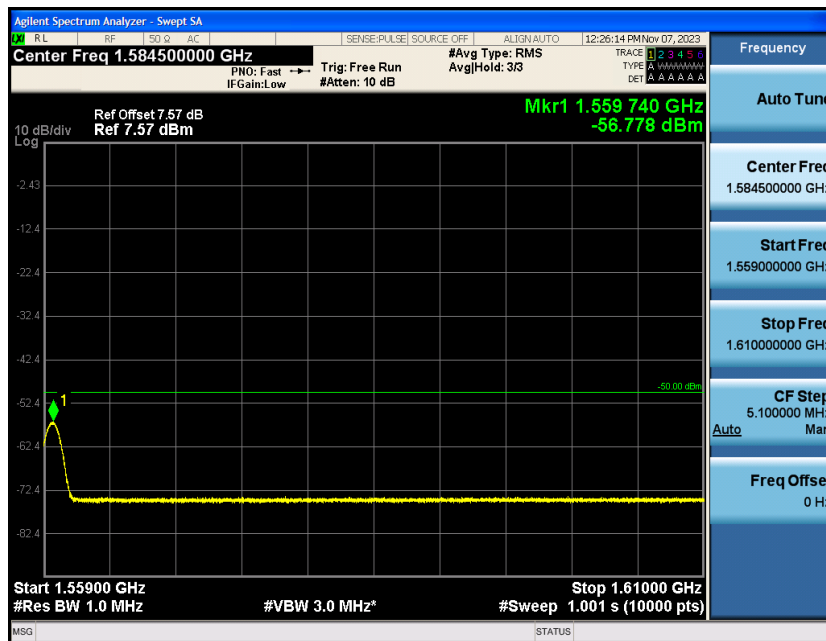
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



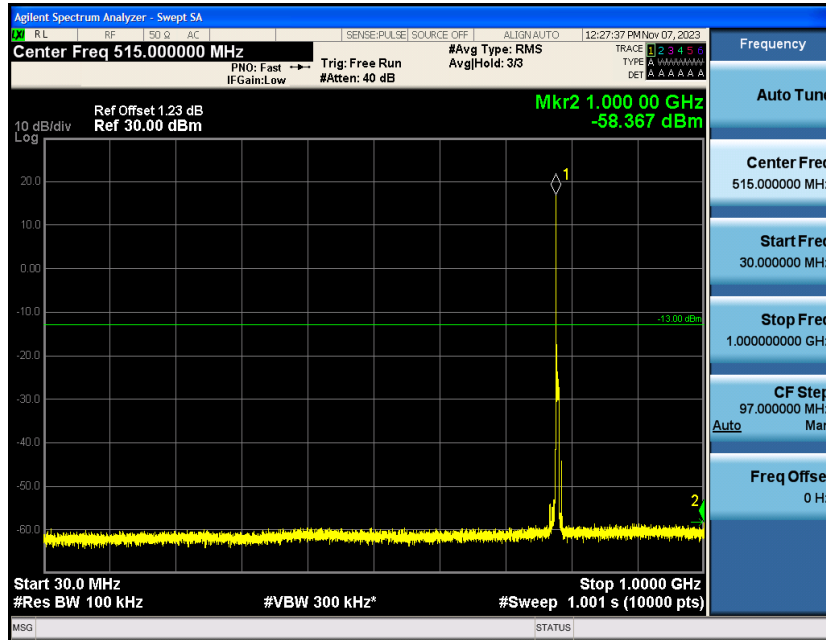
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



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



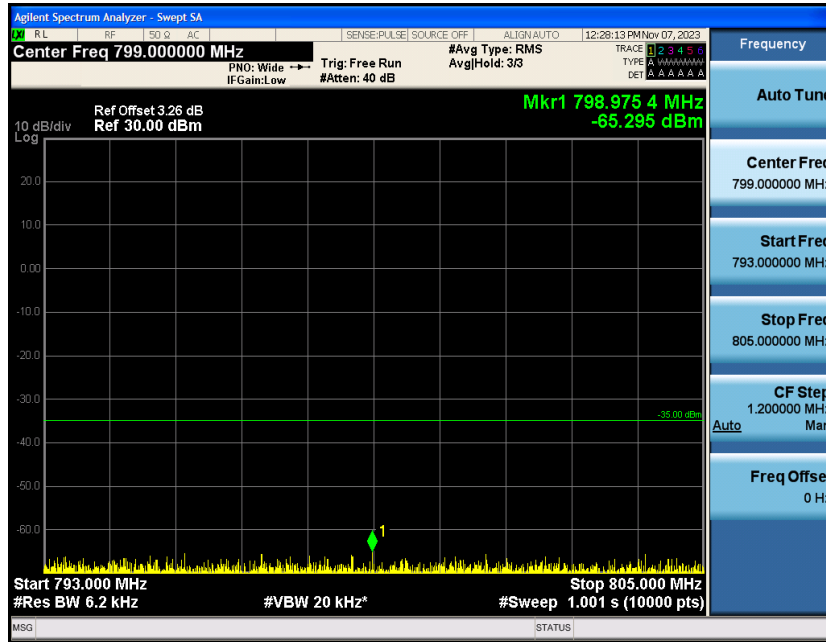
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



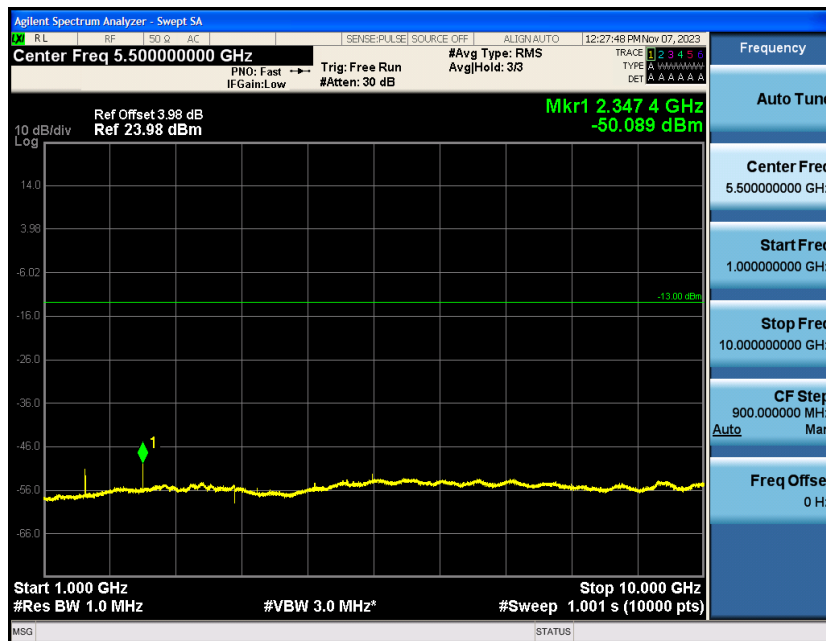
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



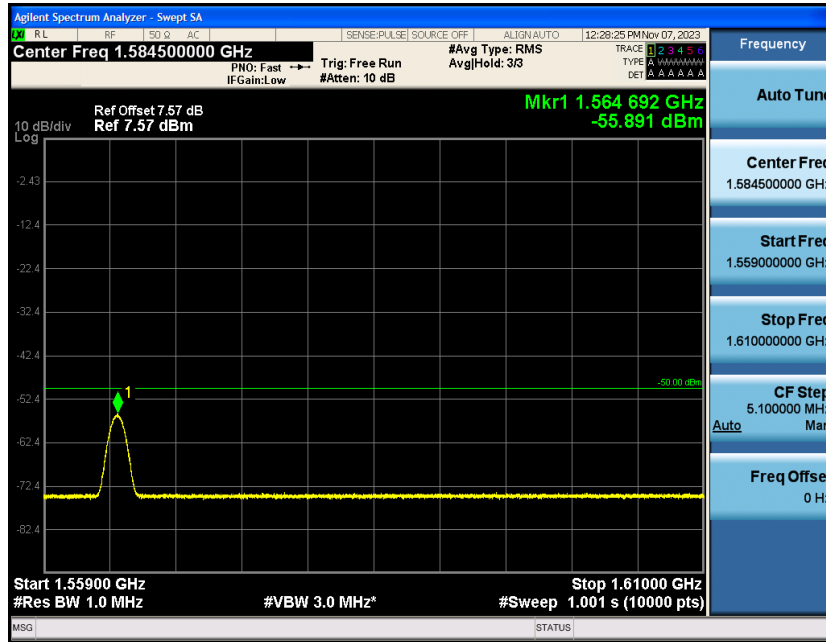
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



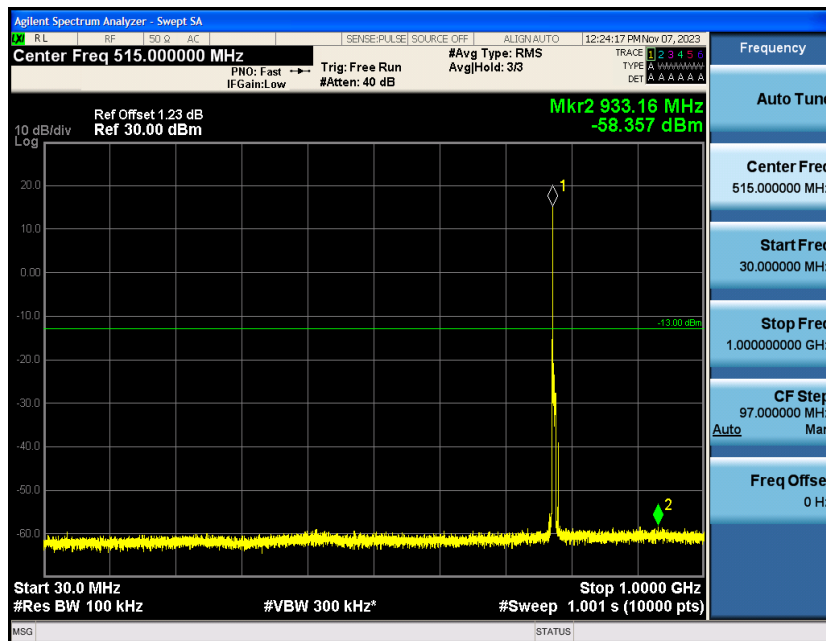
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



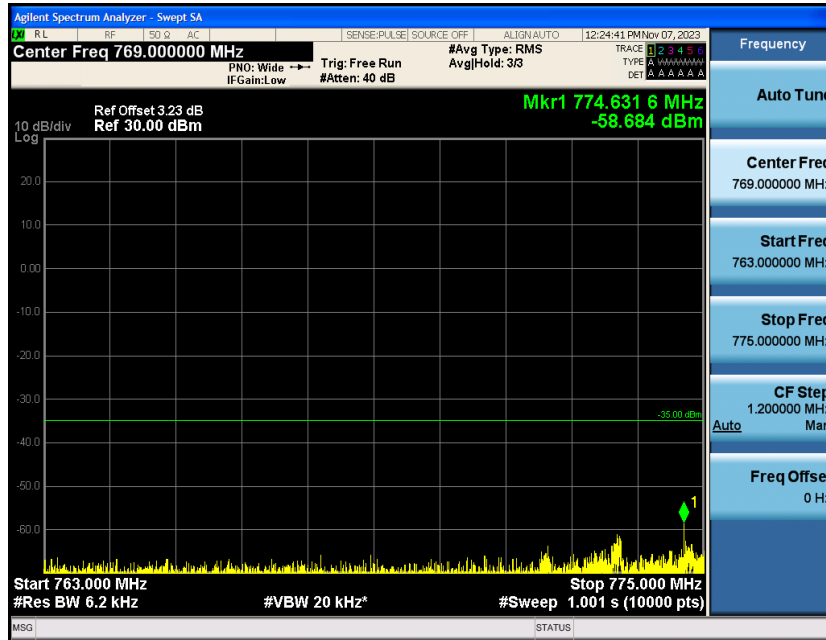
Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



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



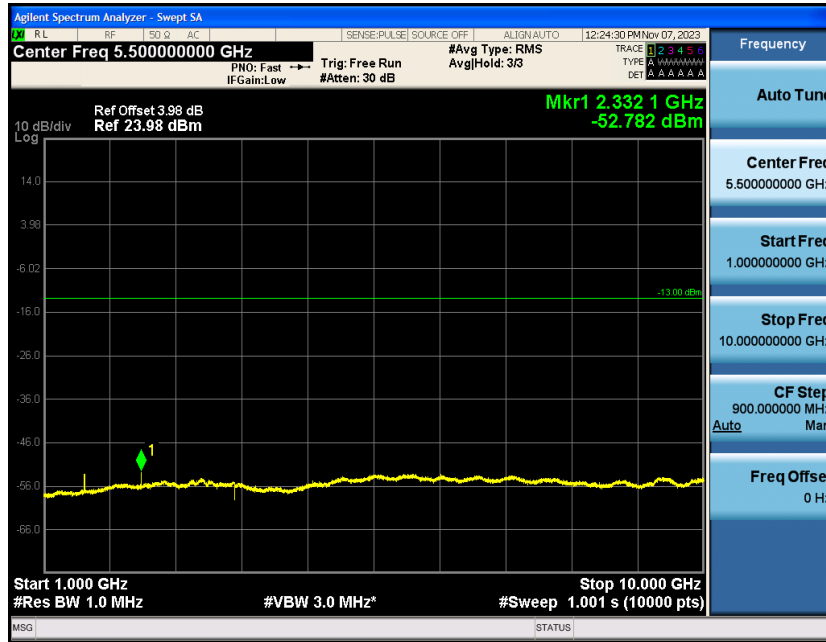
Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



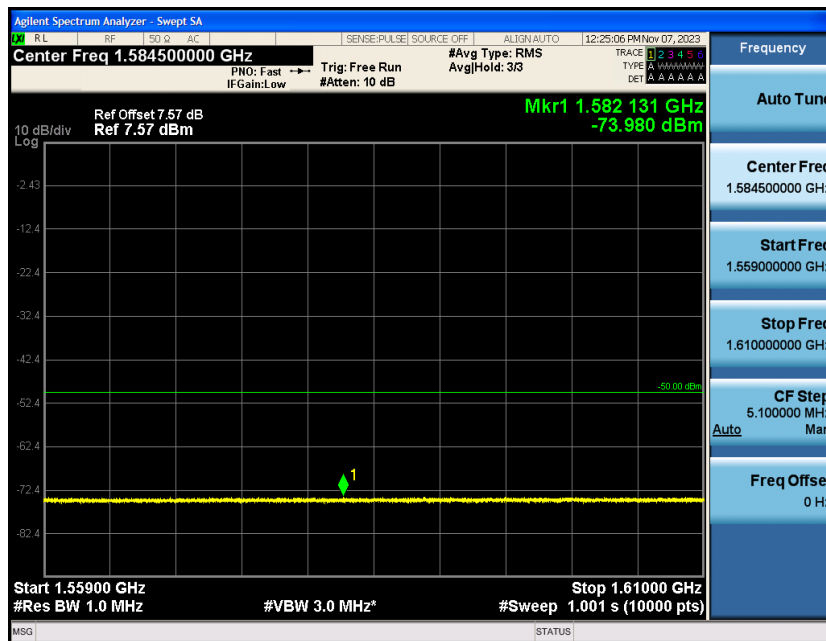
Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



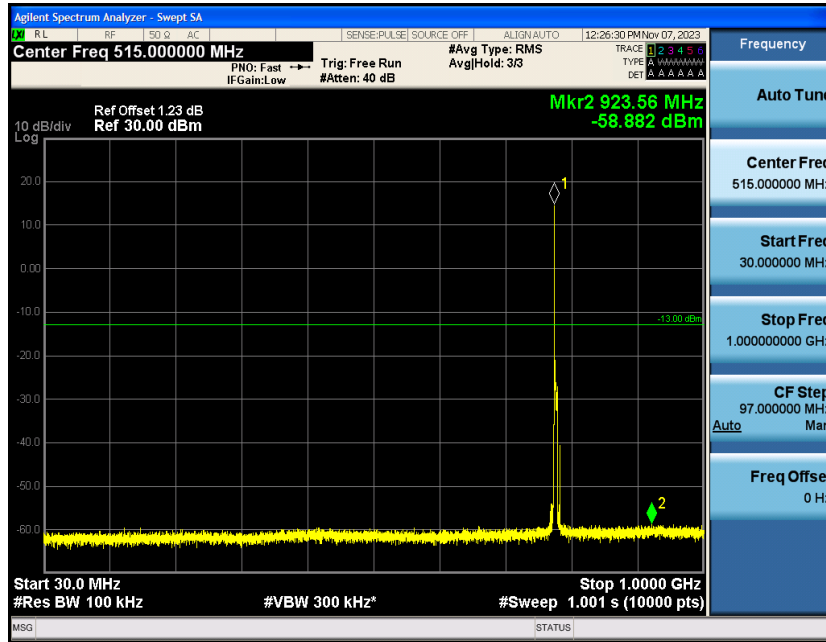
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



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



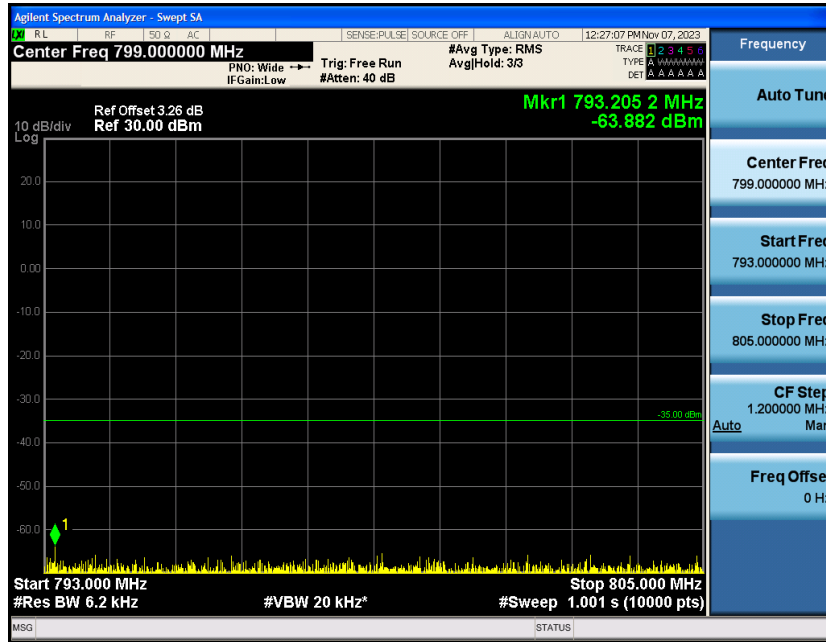
Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



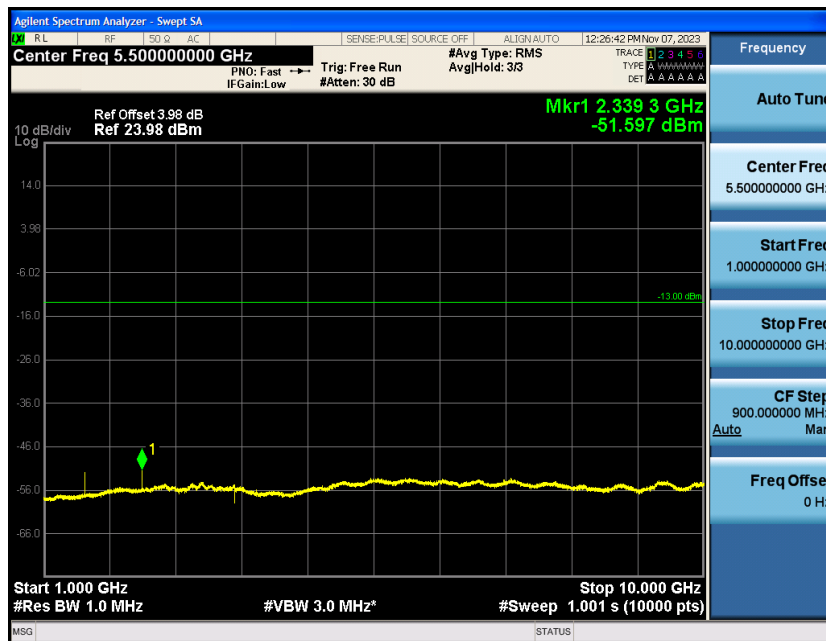
Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



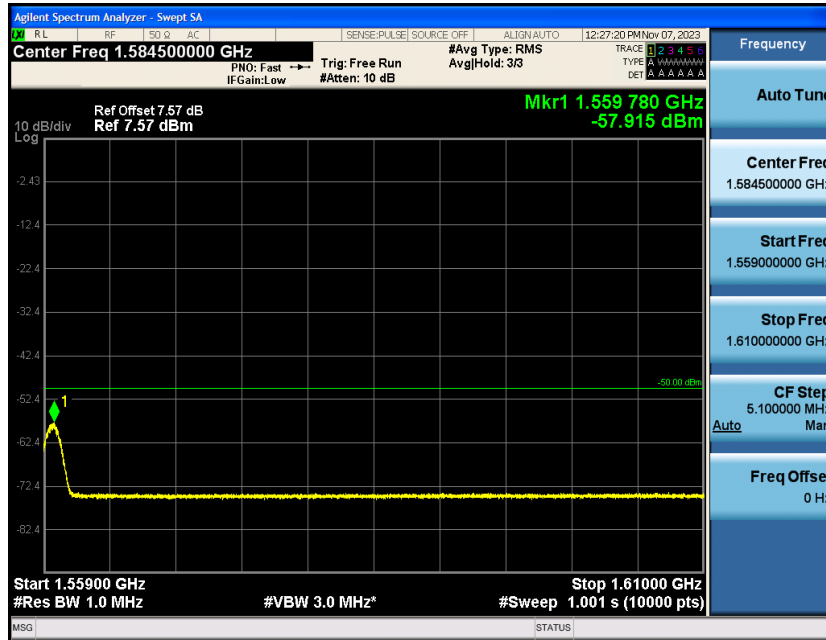
Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



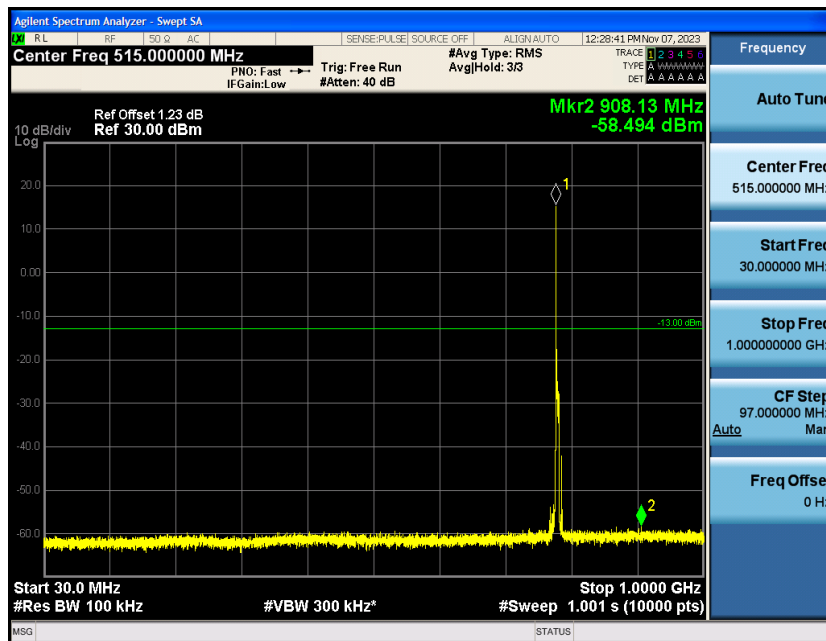
Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



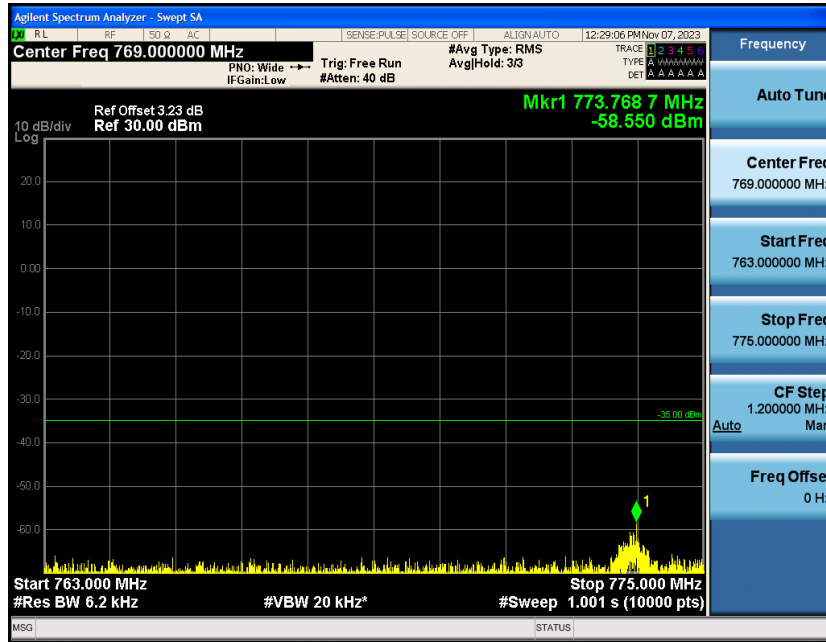
Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



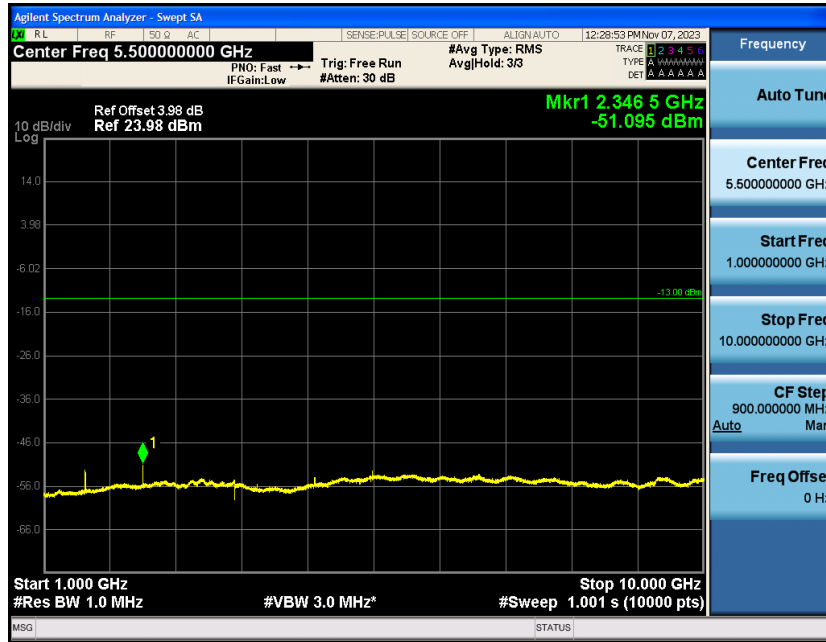
Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



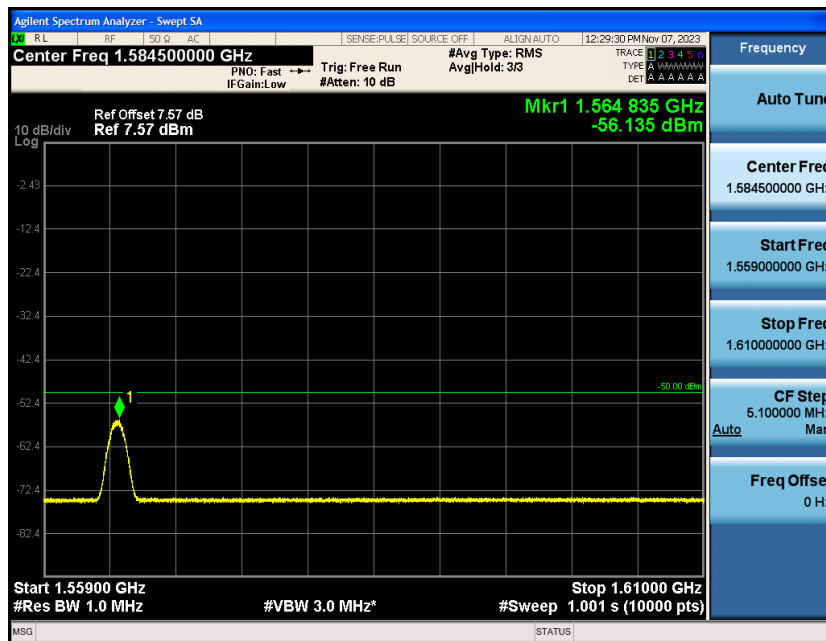
Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



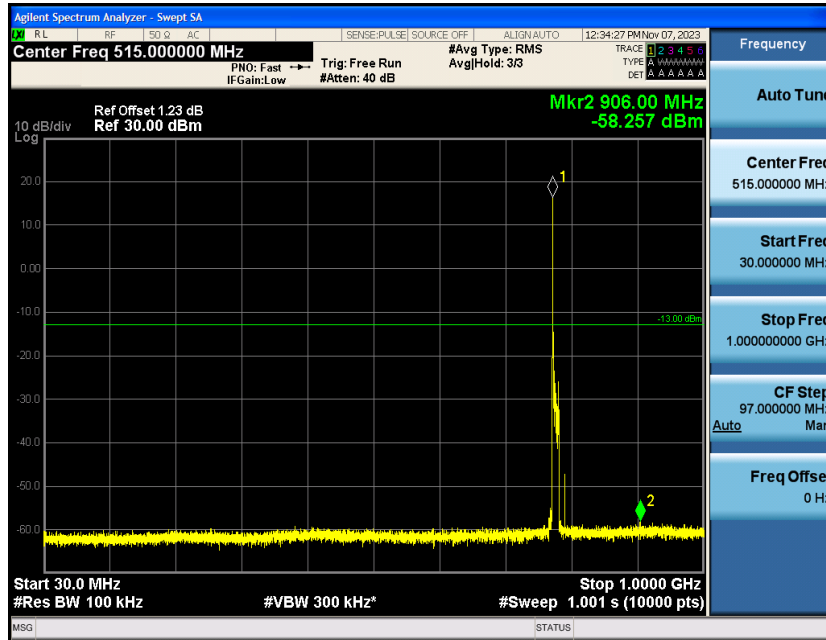
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



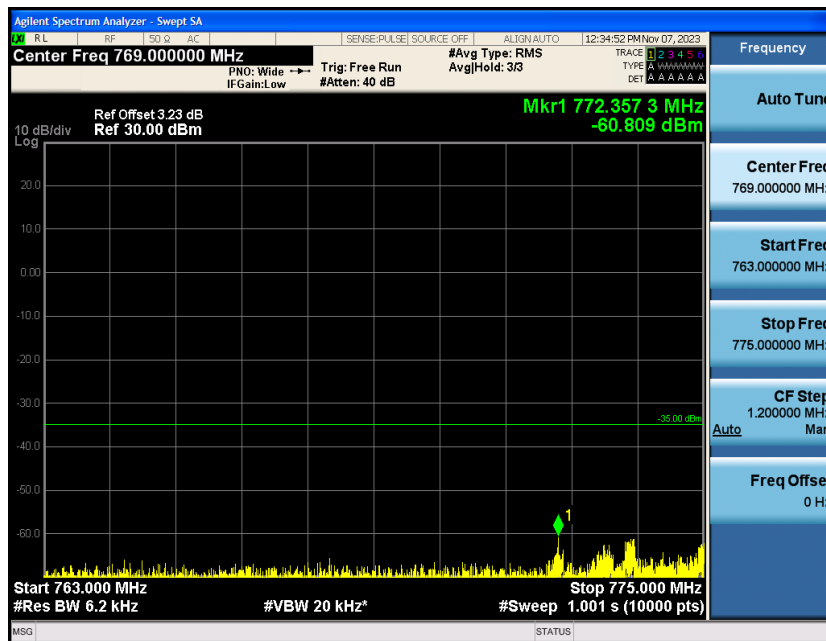
Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



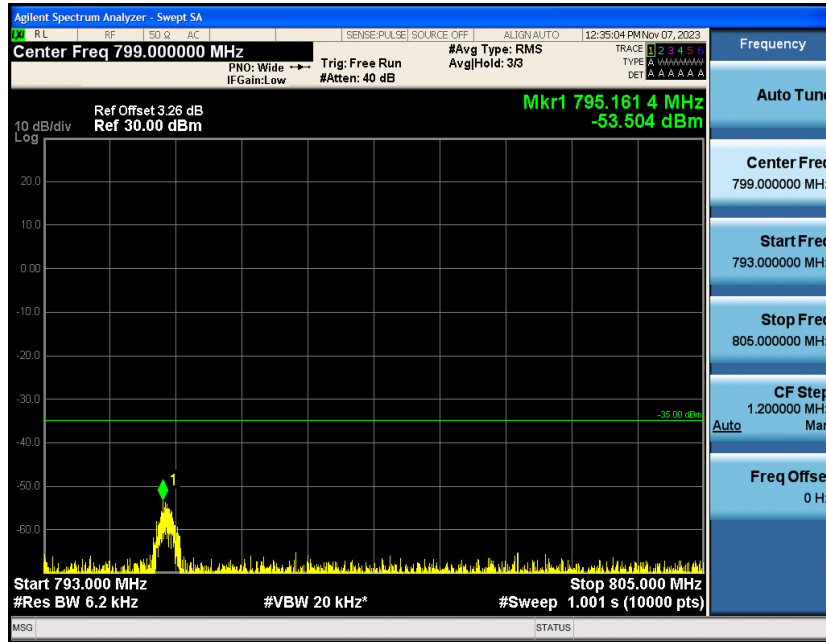
Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



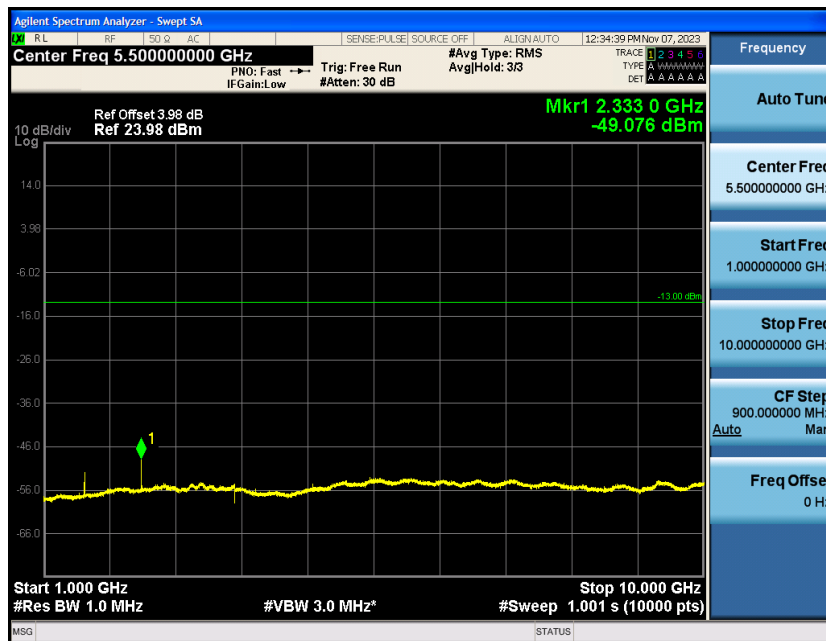
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



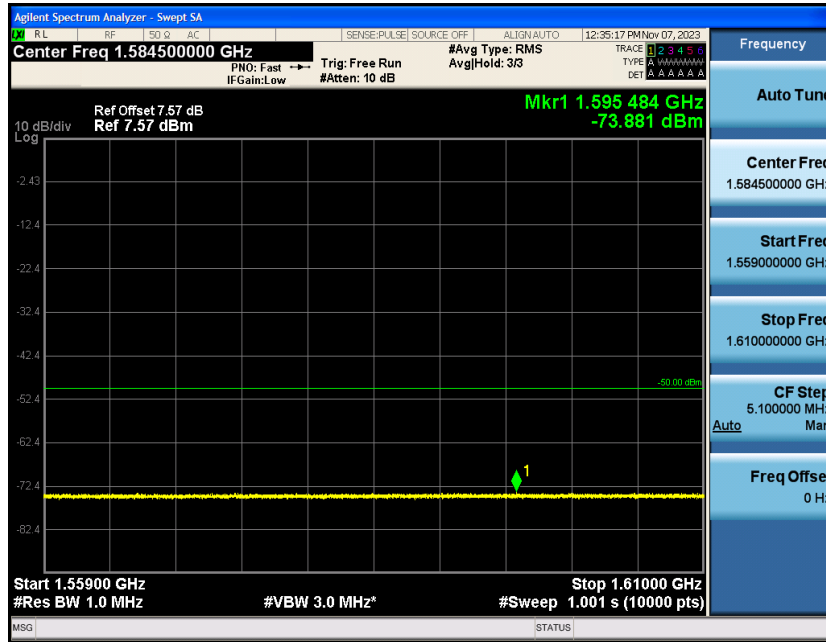
Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



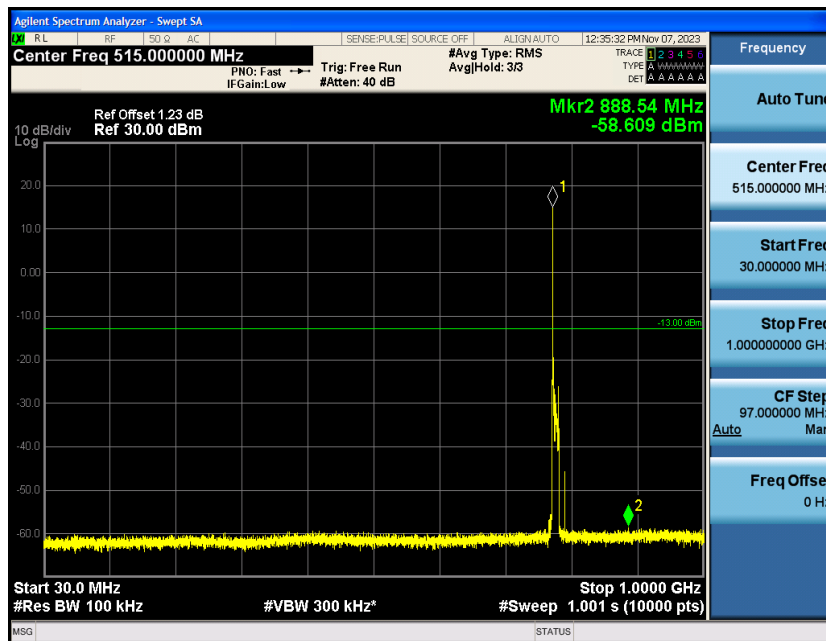
Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



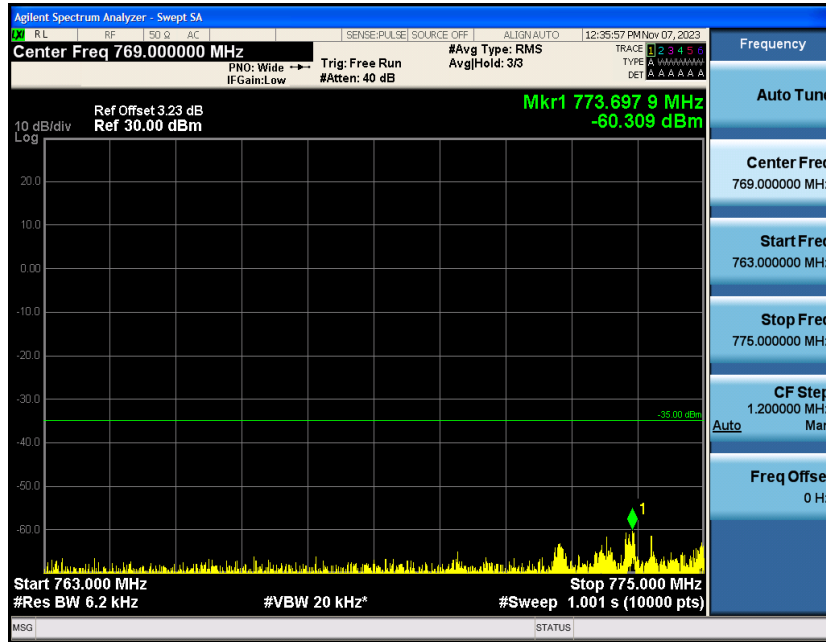
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



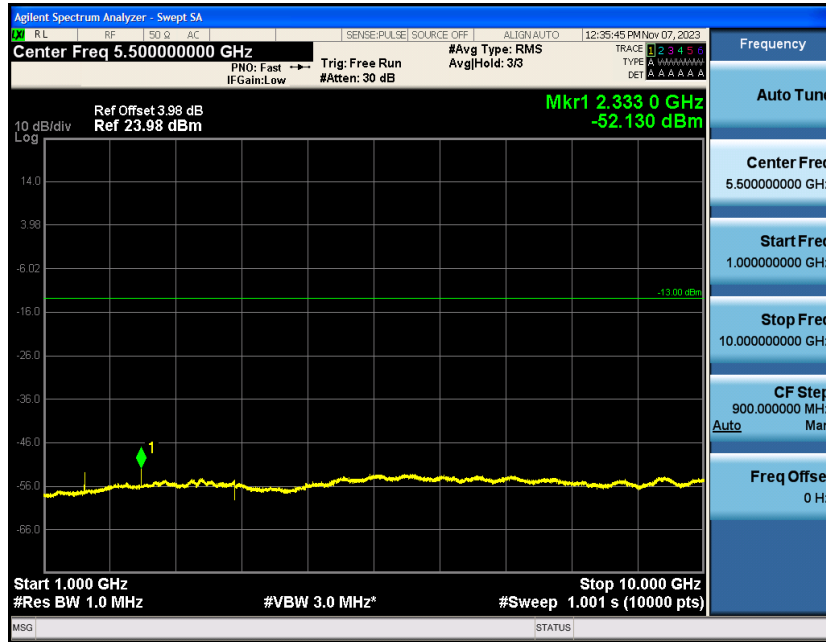
Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



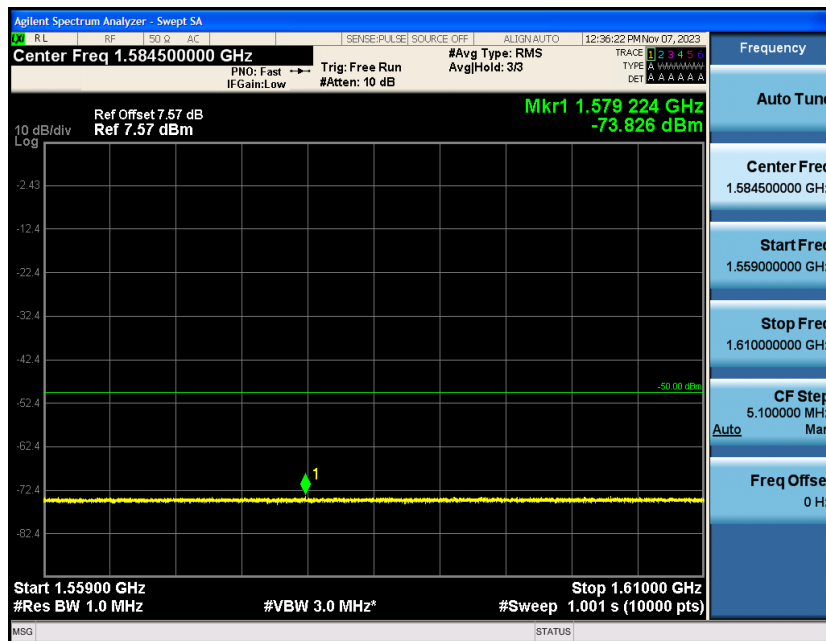
Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz



Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	34.90	0.044772	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	34.99	0.044888	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	33.10	0.042463	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	5.62	0.007187	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-2.50	-0.003197	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-10.49	-0.013414	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	2.68	0.003416	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-3.65	-0.004653	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	4.56	0.005813	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	49.64	0.063682	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	43.00	0.055164	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-5.25	-0.006735	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	37.02	0.047340	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	19.73	0.025230	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	51.56	0.065934	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-2.80	-0.003569	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-5.22	-0.006654	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	9.47	0.012071	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-44.92	-0.057442	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-42.44	-0.054271	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-47.49	-0.060729	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-19.08	-0.024399	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-18.00	-0.023018	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-20.28	-0.025934	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	32.99	0.042322	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	42.33	0.054304	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	43.44	0.055728	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	46.36	0.059474	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	38.68	0.049622	±2.5	PASS

Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-9.47	-0.012110	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-39.78	-0.050870	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-31.36	-0.040102	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-17.57	-0.022468	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-8.73	-0.011164	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	5.82	0.007419	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	7.60	0.009688	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	7.10	0.009050	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	9.11	0.011612	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-2.37	-0.003021	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-6.32	-0.008108	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	2.20	0.002822	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	8.20	0.010520	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	15.15	0.019436	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	6.18	0.007928	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	12.47	0.015946	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	22.87	0.029246	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	30.44	0.038926	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	36.31	0.046432	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	42.60	0.054476	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	15.02	0.019146	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	18.64	0.023760	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	24.88	0.031714	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	30.04	0.038292	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	31.04	0.039567	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-52.36	-0.066957	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	3.06	0.003913	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-5.92	-0.007570	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-15.31	-0.019578	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-14.33	-0.018325	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-18.57	-0.023747	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-18.73	-0.023951	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-29.67	-0.037941	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-36.94	-0.047238	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-43.54	-0.055678	±2.5	PASS

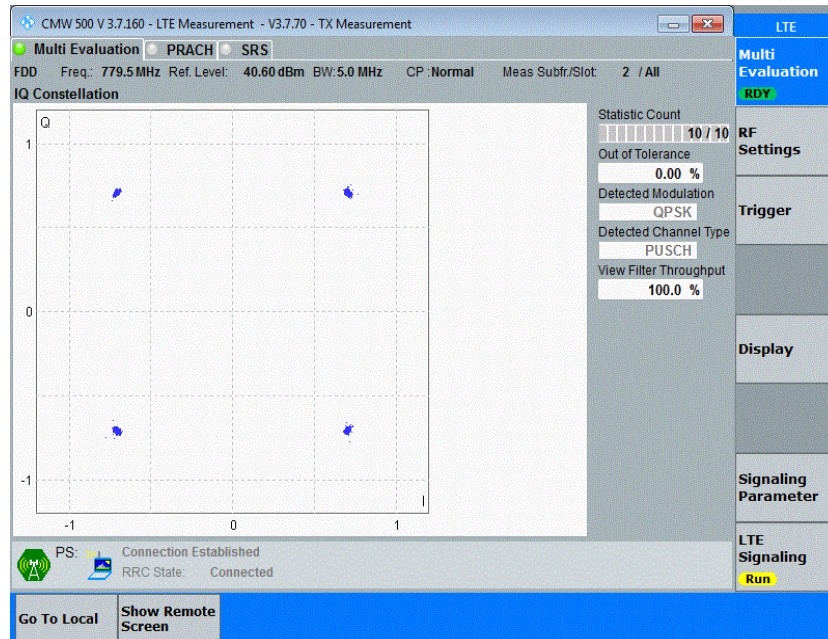
Appendix G: Modulation Characteristics

Test Result

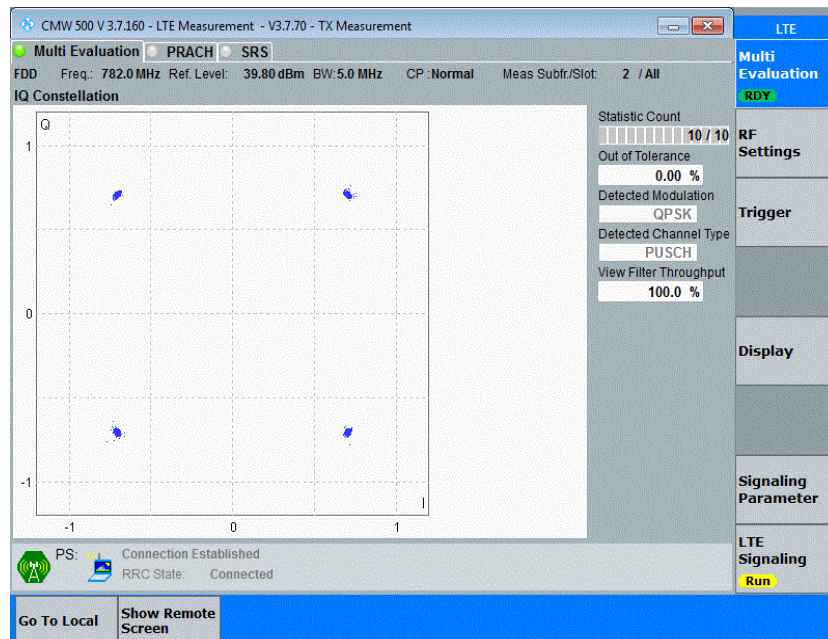
Band	Channel	Result	Verdict
Band13	23205	PASS	PASS
Band13	23230	PASS	PASS
Band13	23255	PASS	PASS
Band13	23205	PASS	PASS
Band13	23230	PASS	PASS
Band13	23255	PASS	PASS
Band13	23230	PASS	PASS
Band13	23230	PASS	PASS

Test Graphs

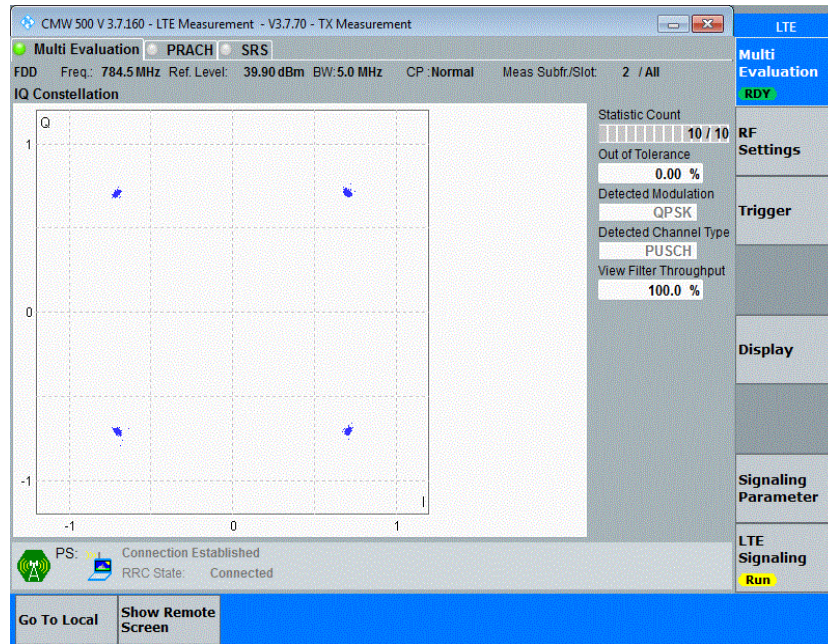
Band13-5MHz-QPSK-23205-25RB#0



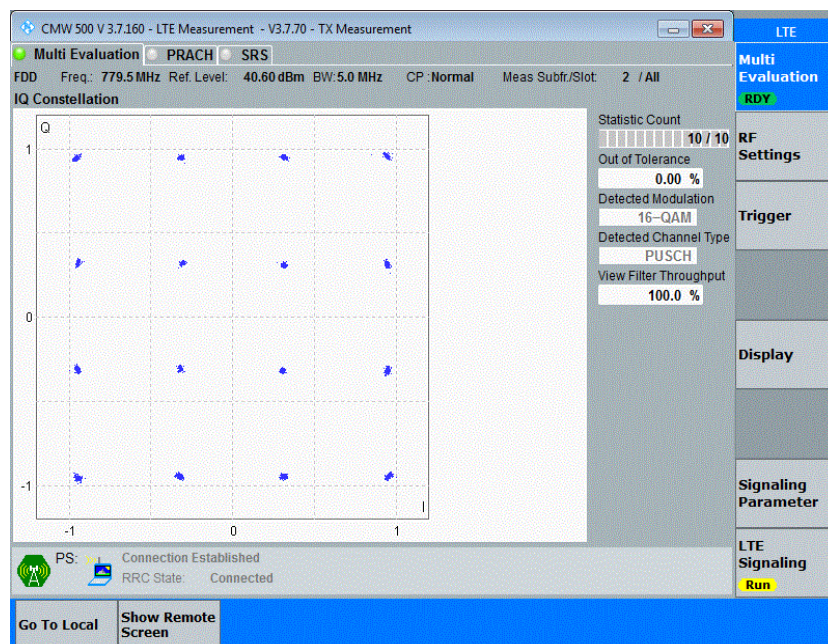
Band13-5MHz-QPSK-23230-25RB#0



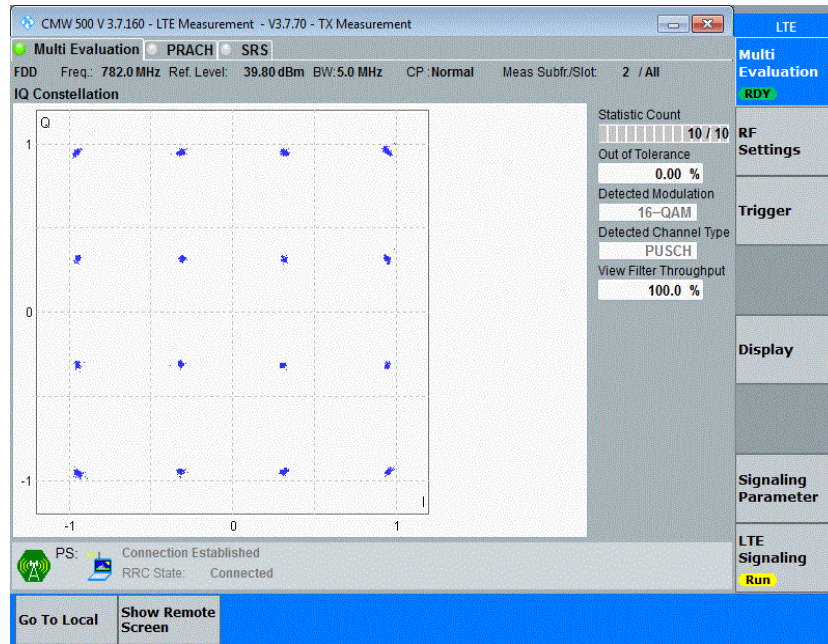
Band13-5MHz-QPSK-23255-25RB#0



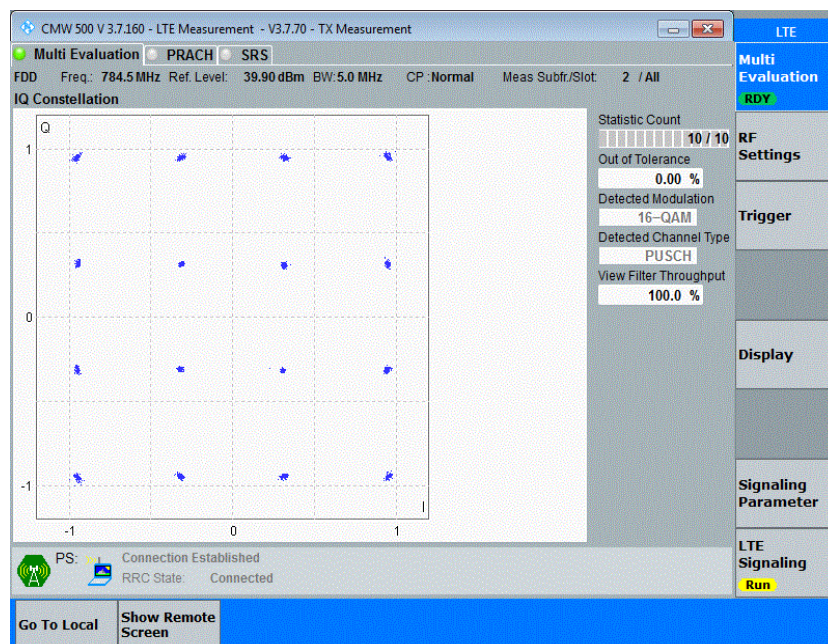
Band13-5MHz-16QAM-23205-25RB#0



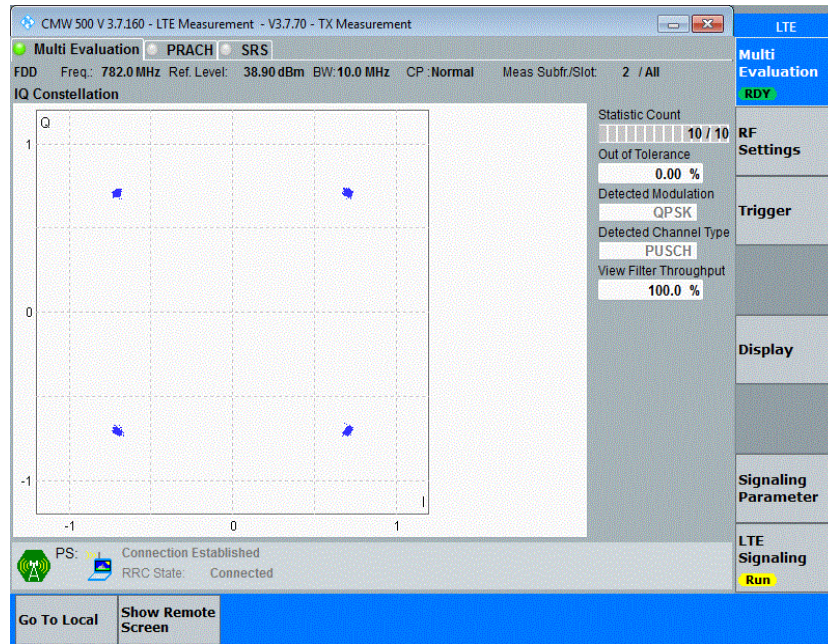
Band13-5MHz-16QAM-23230-25RB#0



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



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



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

