

## Appendix\_H

### RF Test Data for LTE\_Band13 Conducted Measurement

**FCC ID:2A7DX-WAVE6**

**Product Name:Smart phone**

**Test Model:WAVE 6C**

#### Environmental Conditions

Temperature:	21°C
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	22.62	19.18	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.55	19.11	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.51	19.07	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.54	18.1	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.56	18.12	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.81	18.37	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.75	18.31	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.48	19.04	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.48	19.04	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.53	19.09	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.82	18.38	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.83	18.39	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.60	18.16	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.87	18.43	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.46	19.02	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.47	19.03	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.64	19.2	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.59	18.15	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.55	18.11	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.96	18.52	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.56	18.12	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.37	17.93	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.96	18.52	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.91	18.47	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.10	17.66	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.13	17.69	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.84	17.4	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.76	17.32	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.10	17.66	PASS



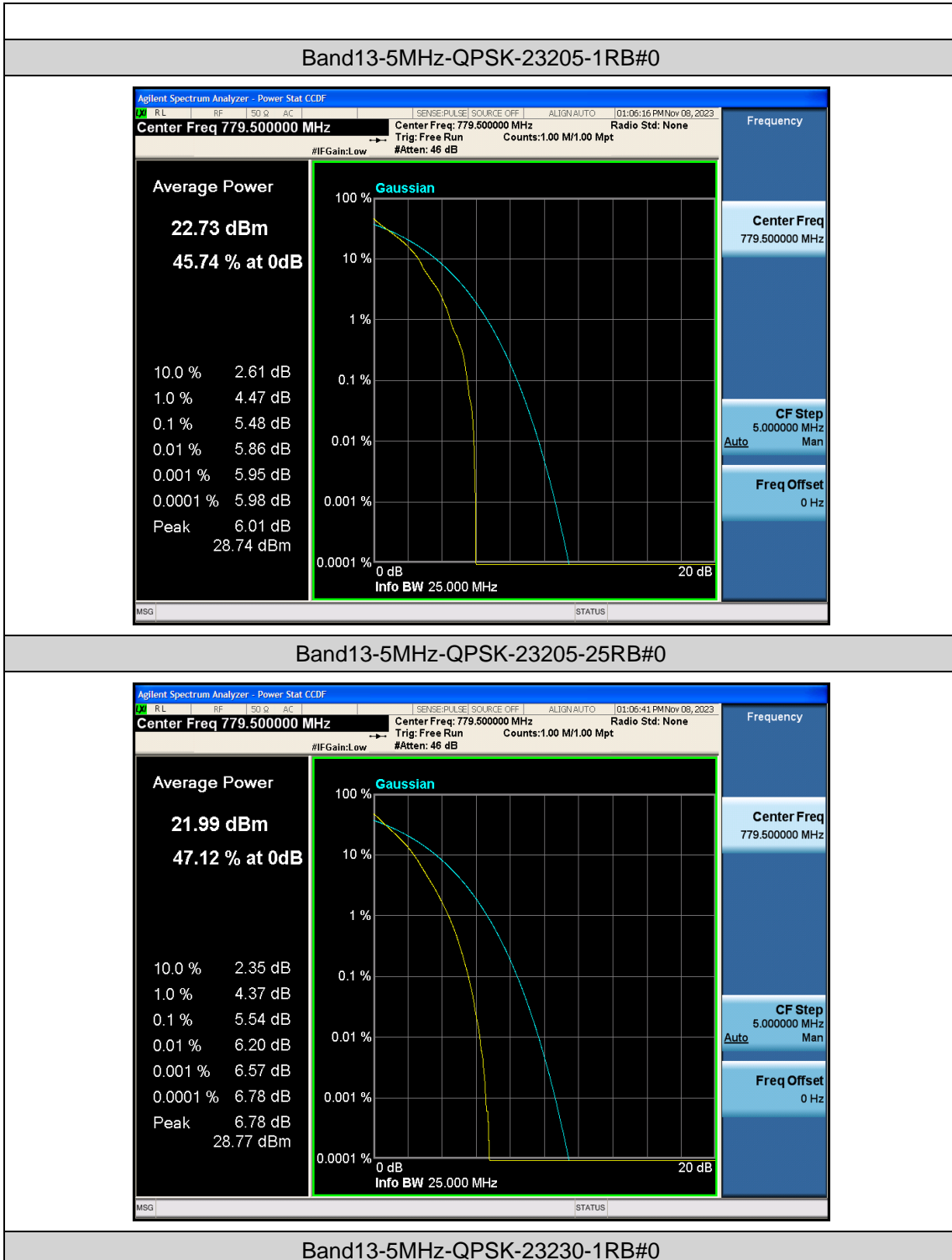
Band13	5MHz	16QAM	23230	1RB#12	21.27	17.83	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.01	17.57	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.97	17.53	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.89	17.45	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.01	17.57	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.00	17.56	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.98	18.54	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.65	18.21	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.85	18.41	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.85	17.41	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.86	17.42	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.92	17.48	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.73	17.29	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.54	19.1	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.53	19.09	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.60	19.16	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.91	18.47	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.91	18.47	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.49	18.05	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.81	18.37	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.26	17.82	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.56	18.12	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.61	18.17	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.79	17.35	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.81	17.37	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.90	17.46	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.79	17.35	PASS

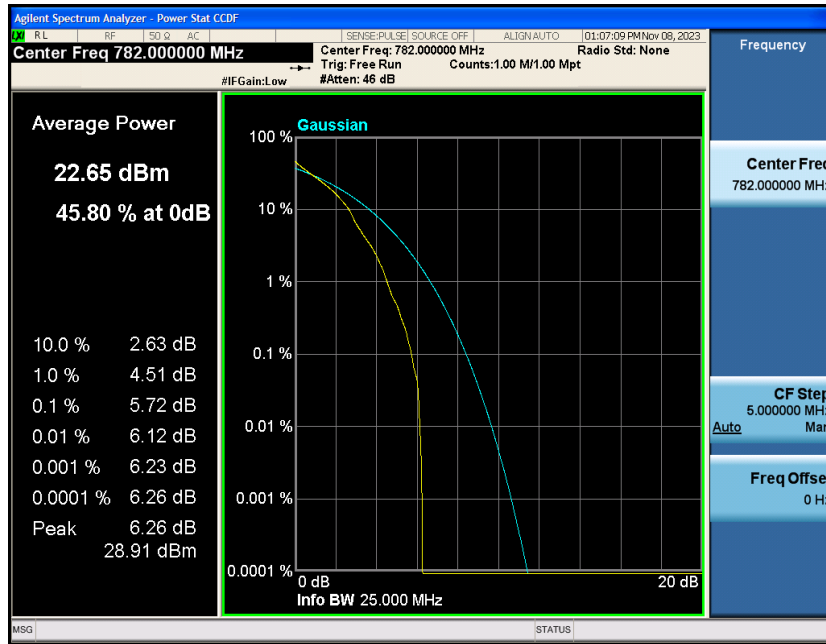
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

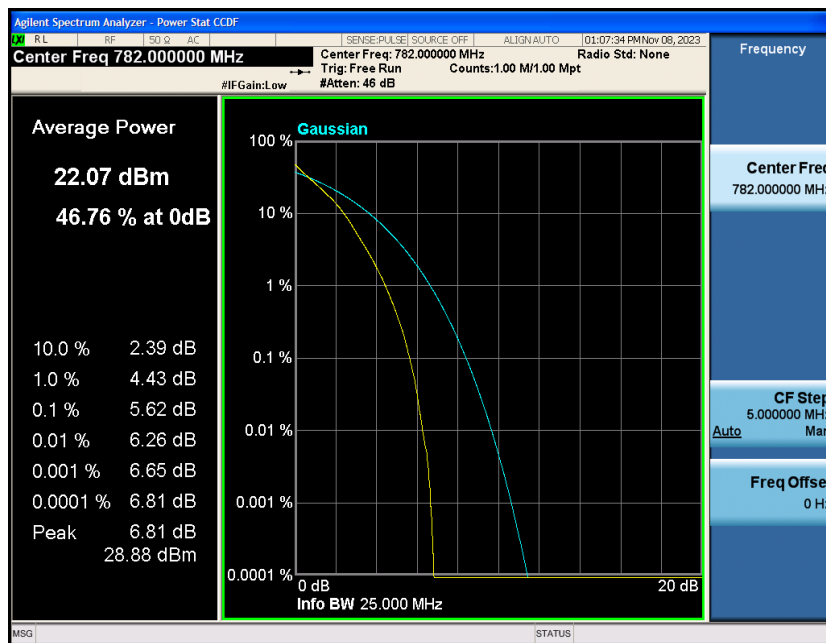
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	5.48	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.54	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.72	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.62	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.51	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.51	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	6.16	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.25	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.11	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.32	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.99	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.29	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.37	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.61	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.22	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.33	13	PASS

### Test Graphs

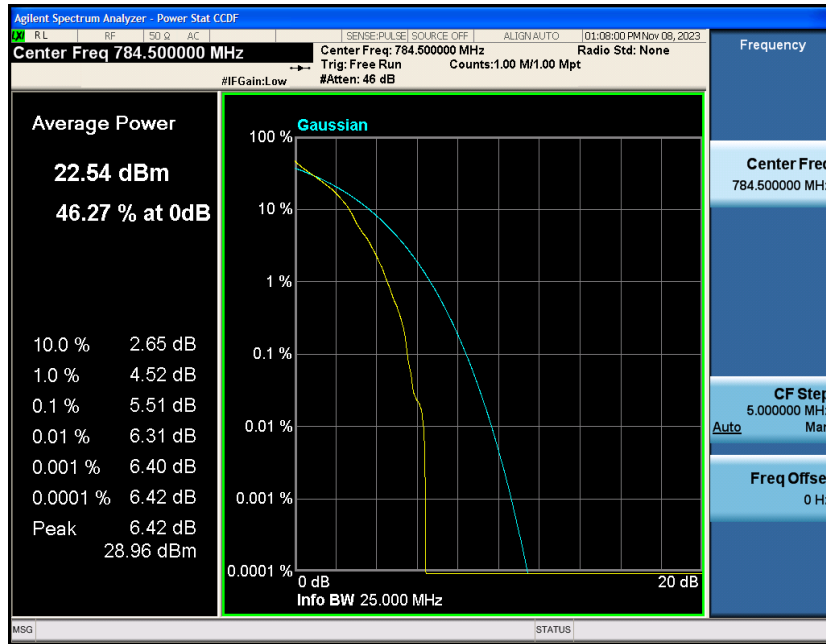




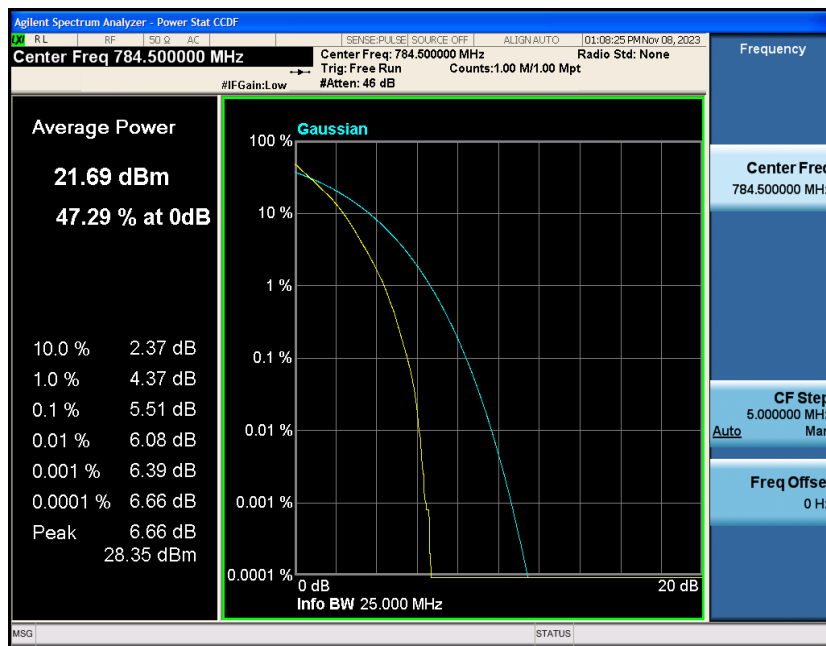
Band13-5MHz-QPSK-23230-25RB#0



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

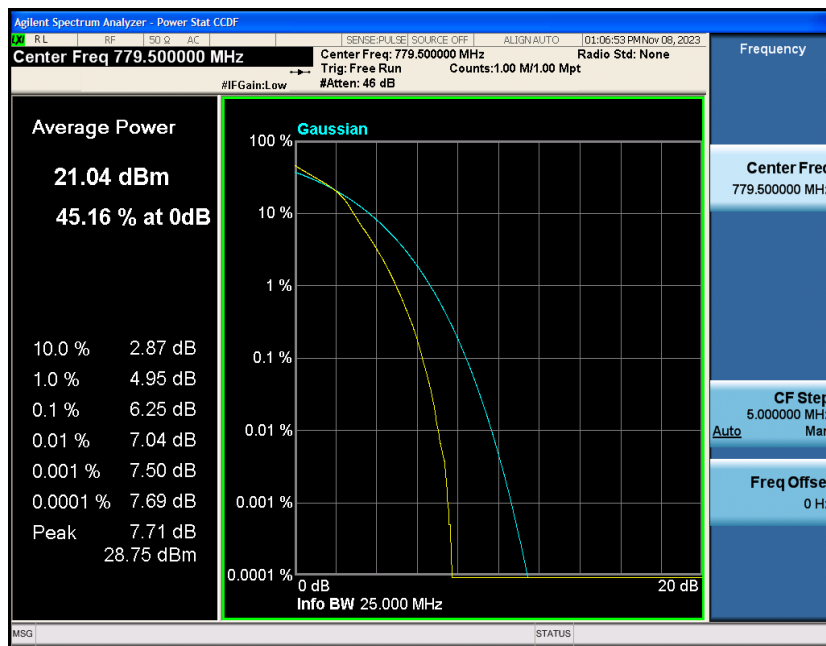
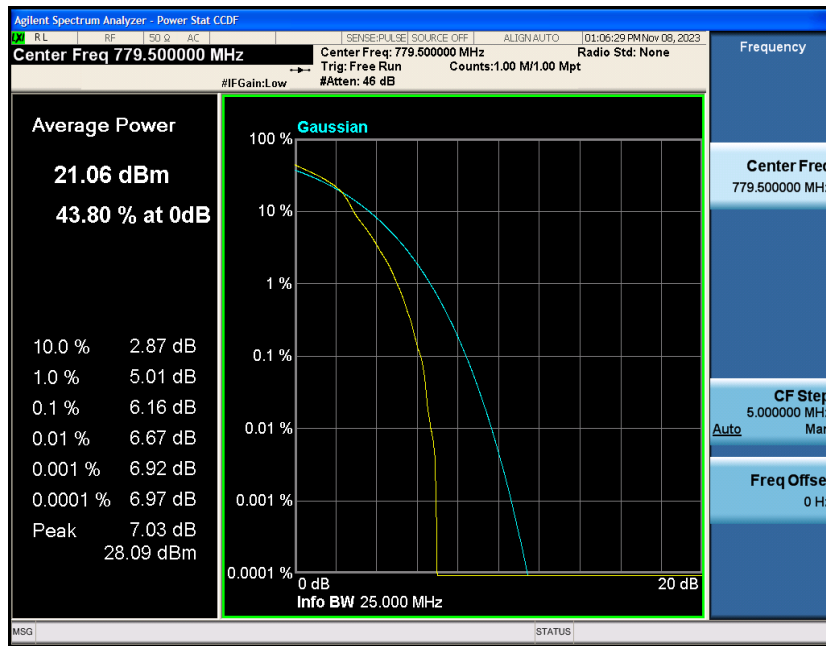


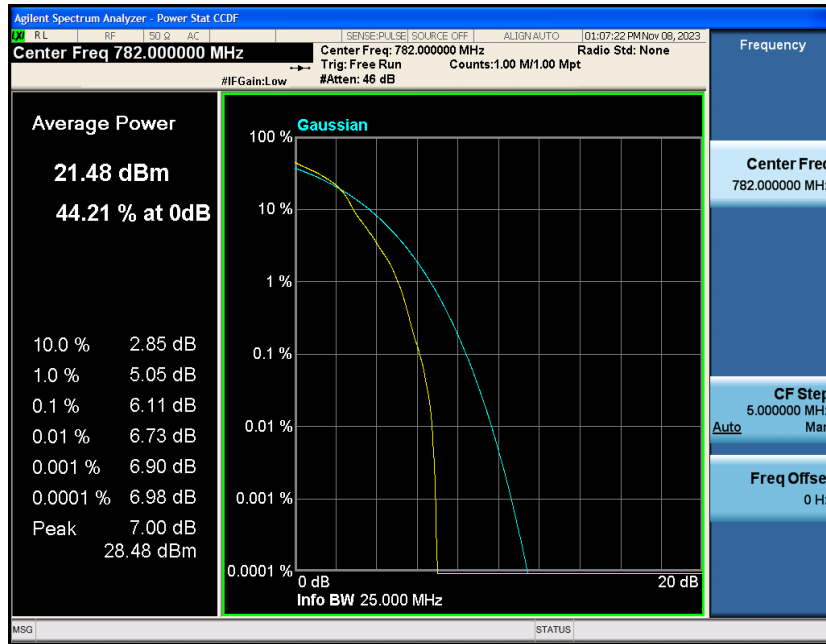
Band13-5MHz-QPSK-23255-25RB#0



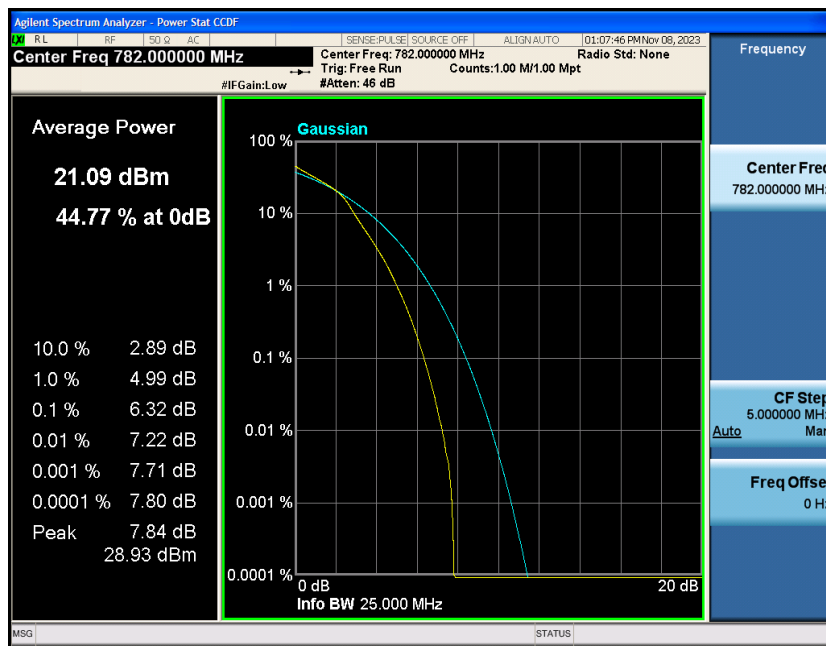
Band13-5MHz-16QAM-23205-1RB#0



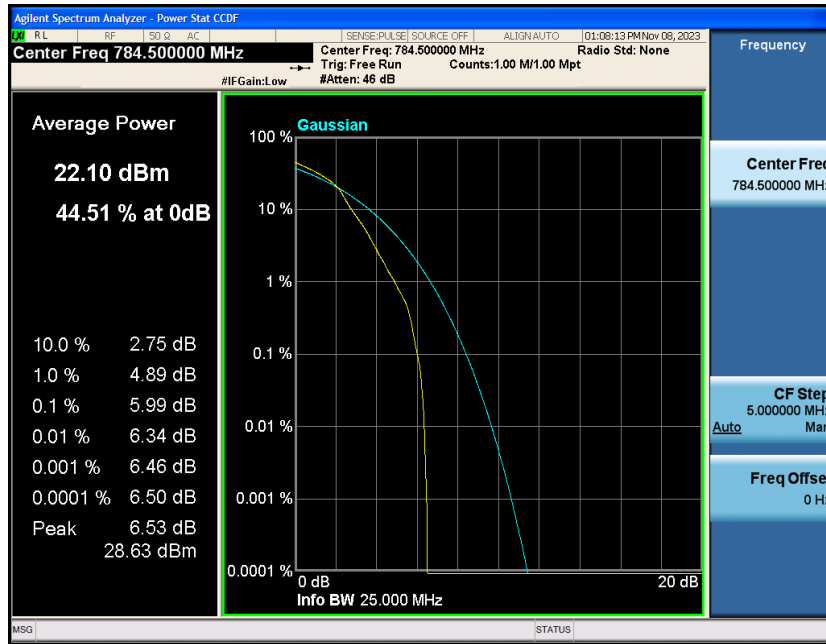




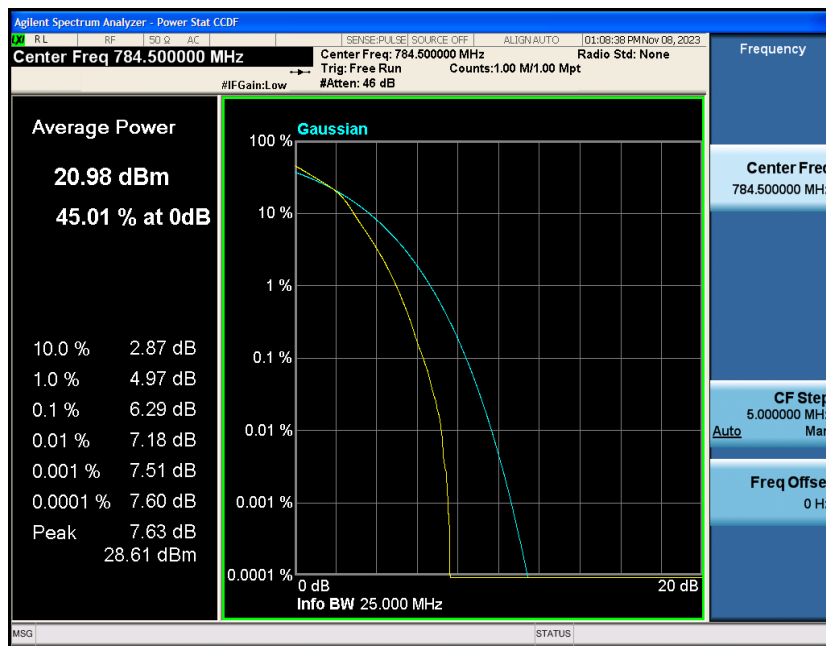
Band13-5MHz-16QAM-23230-25RB#0



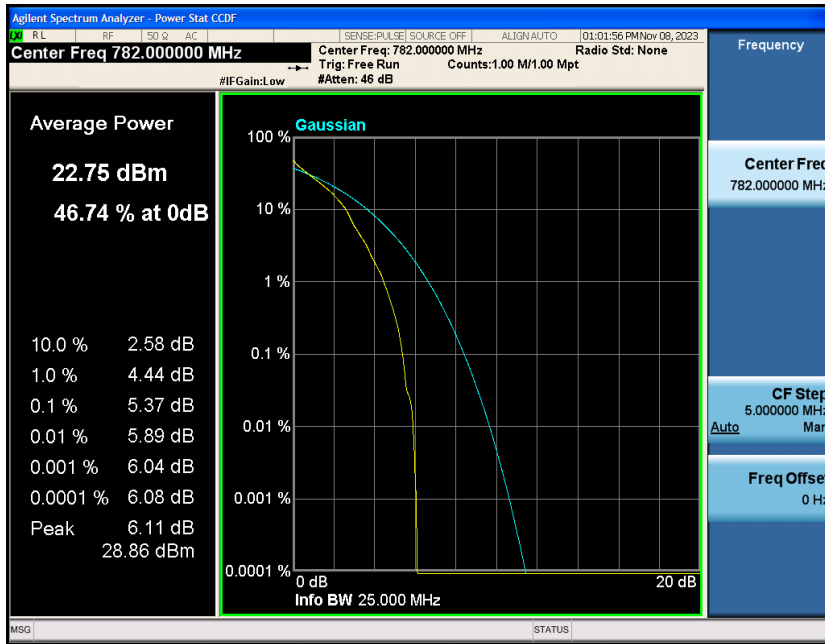
Band13-5MHz-16QAM-23255-1RB#0



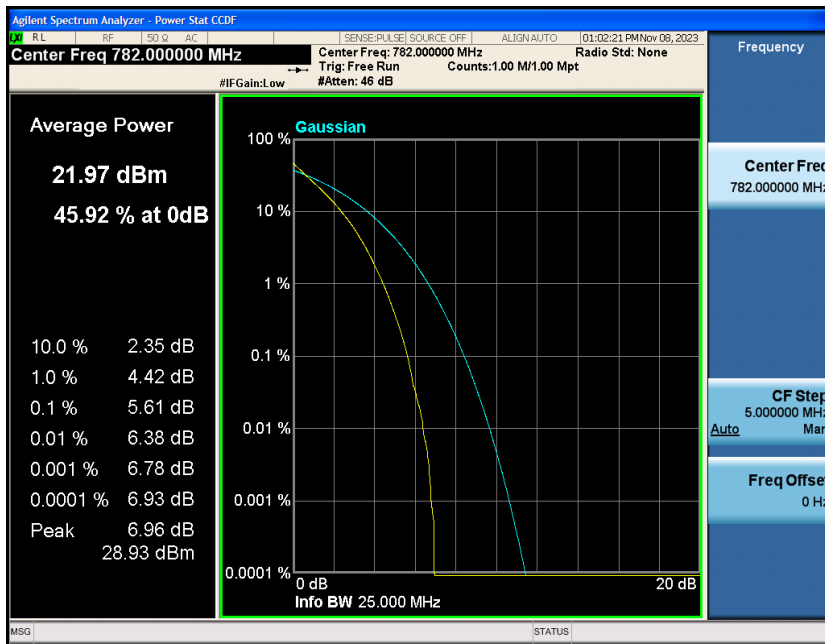
Band13-5MHz-16QAM-23255-25RB#0



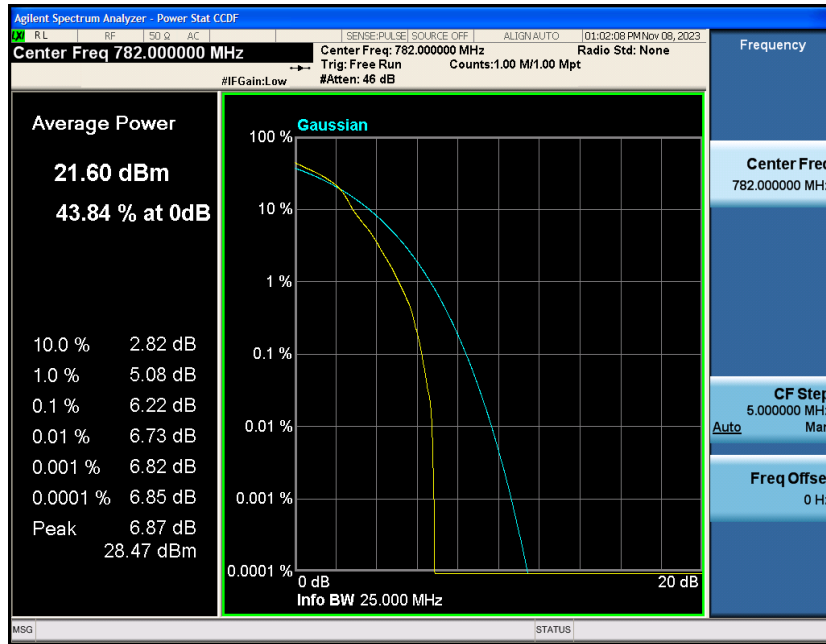
Band13-10MHz-QPSK-23230-1RB#0



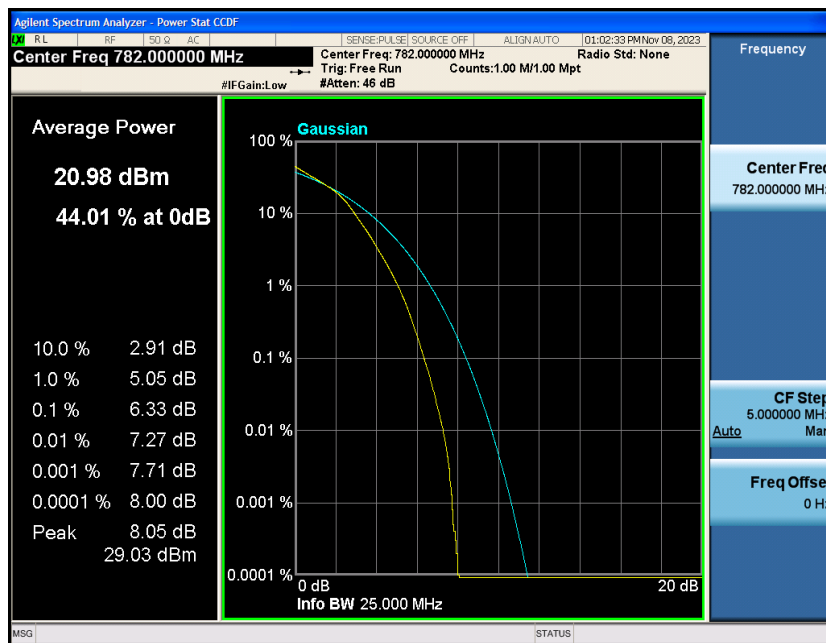
Band13-10MHz-QPSK-23230-50RB#0



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



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

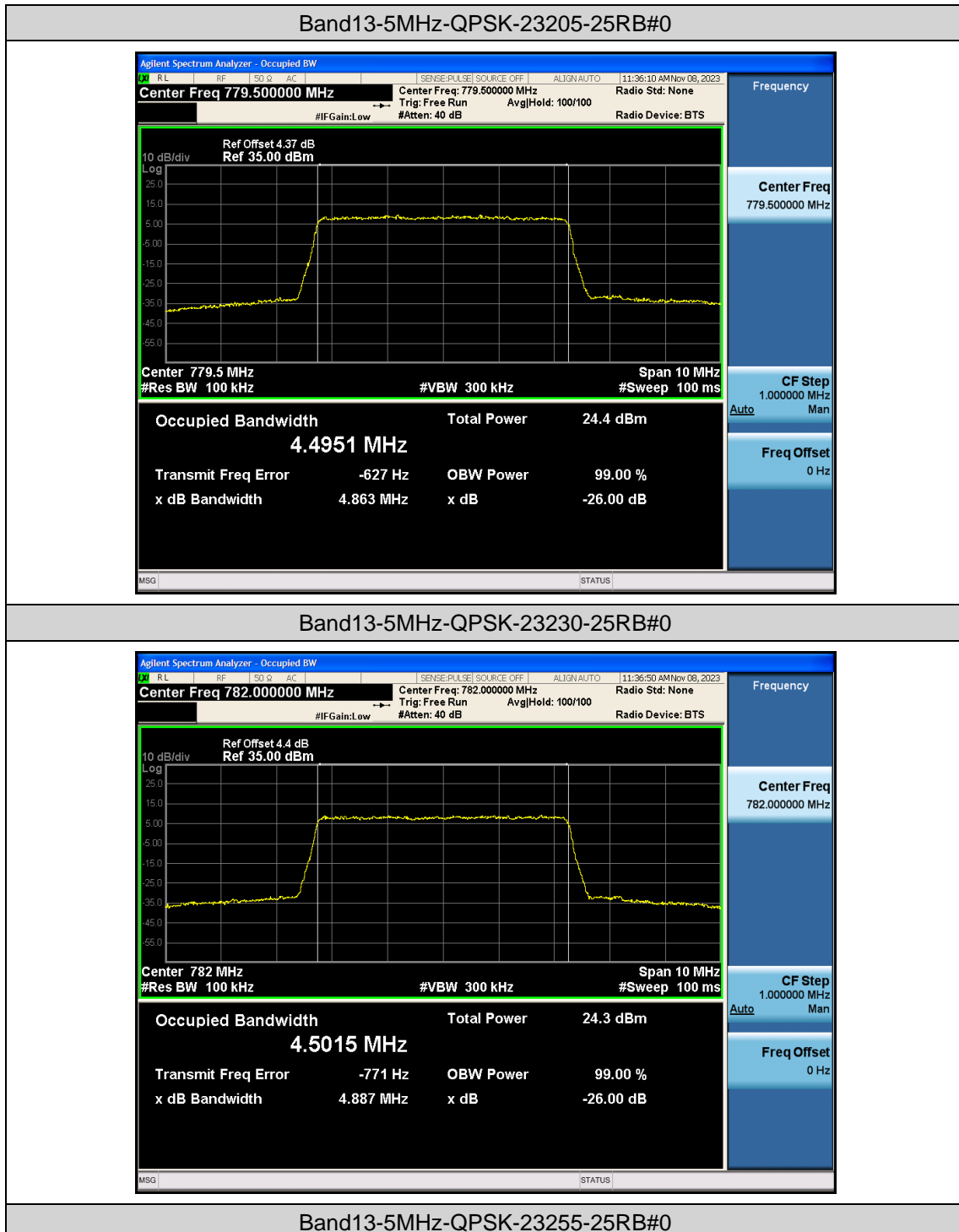


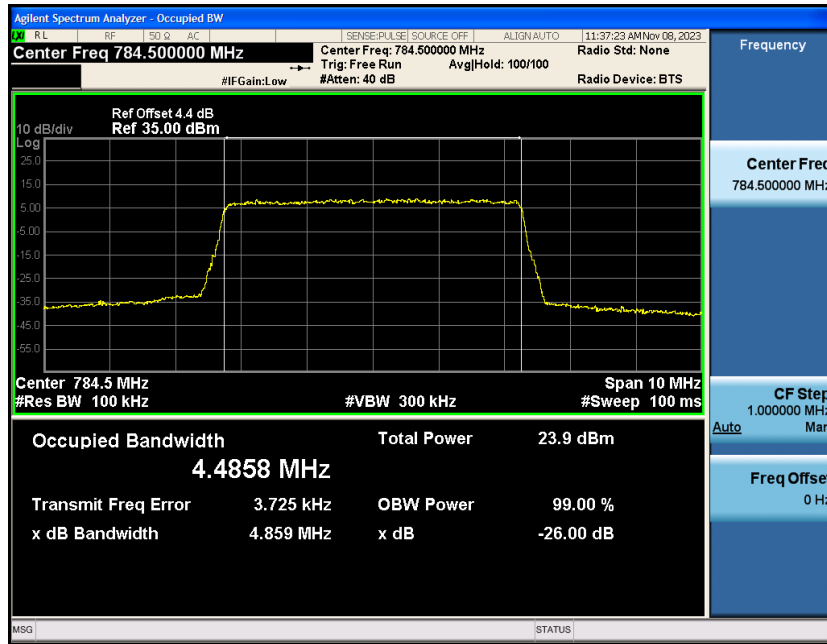
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

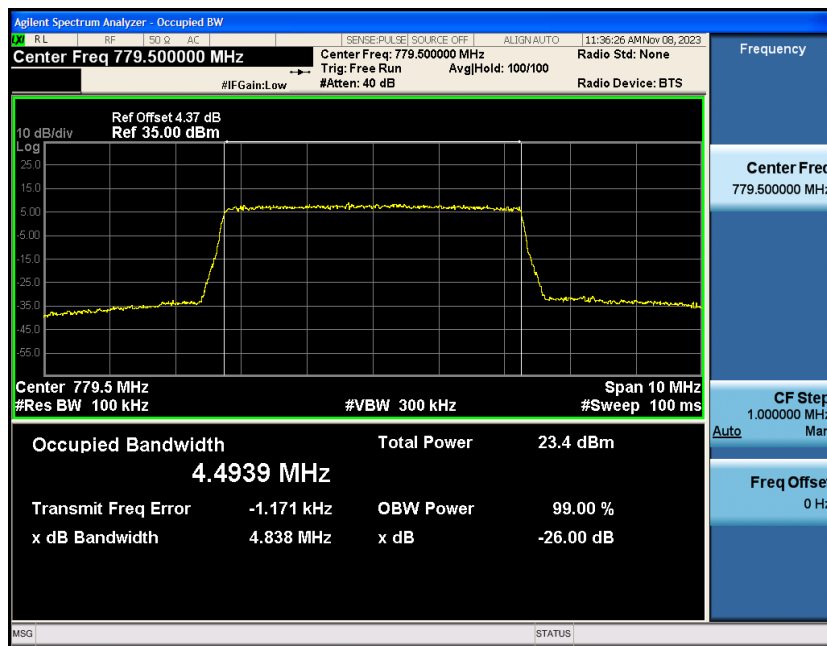
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4951	4.863	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5015	4.887	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4858	4.859	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4939	4.838	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5029	4.872	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4906	4.876	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9795	9.563	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9827	9.576	PASS

### Test Graphs





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

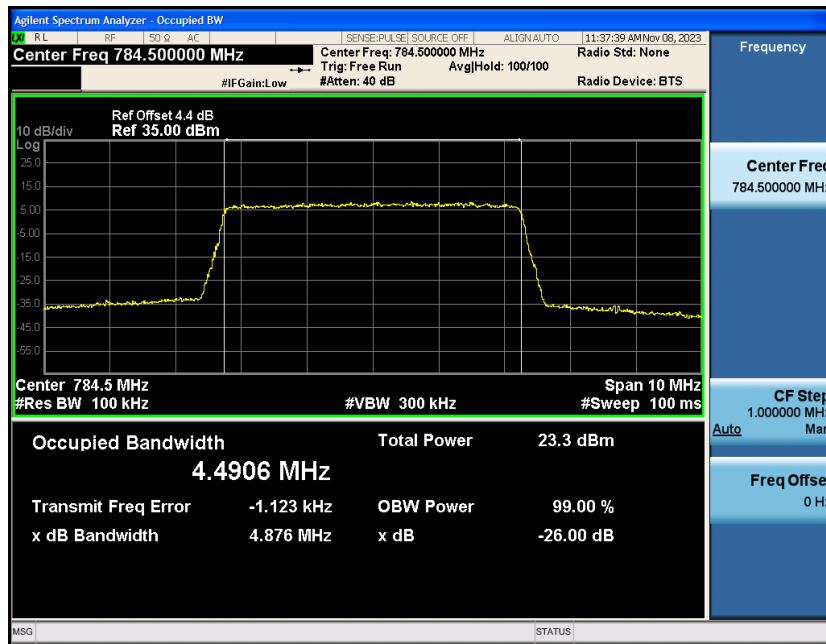


Band13-5MHz-16QAM-23230-25RB#0

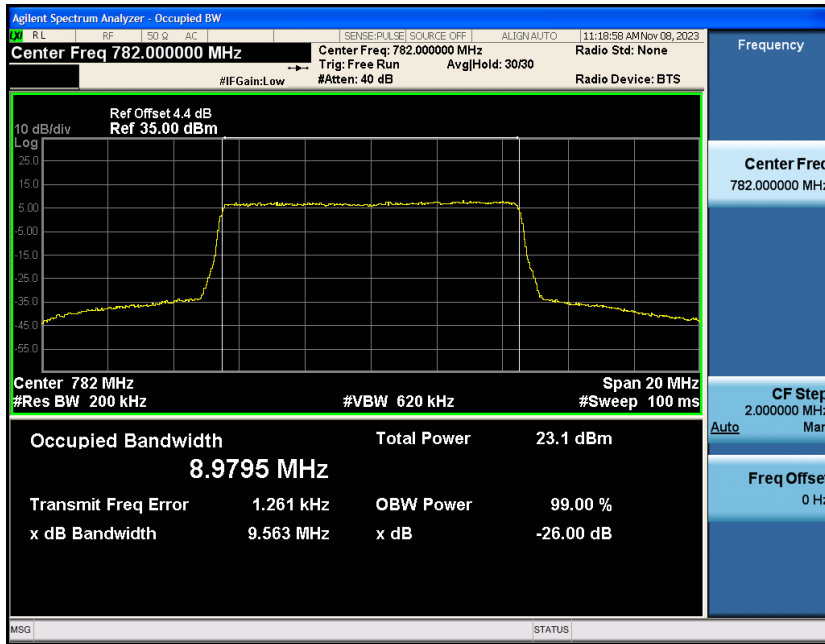




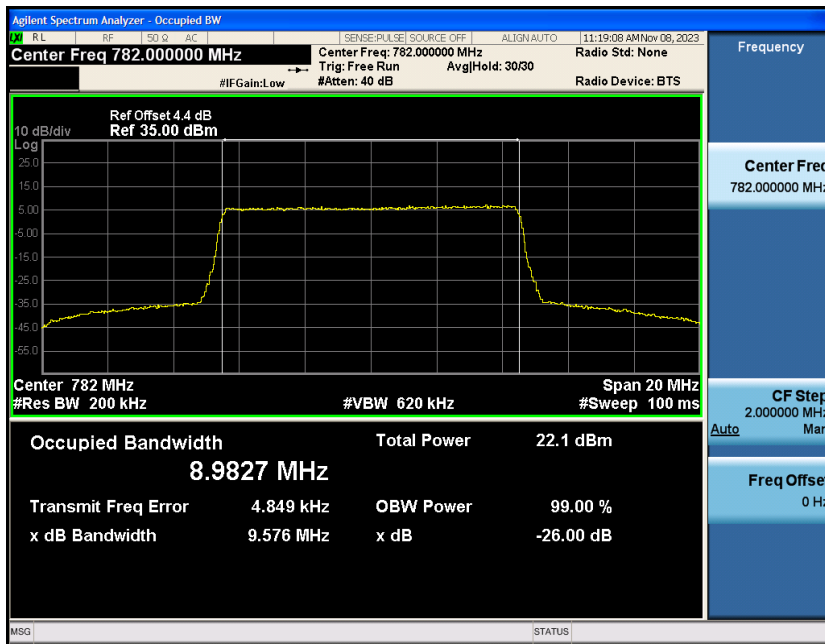
Band13-5MHz-16QAM-23255-25RB#0



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



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

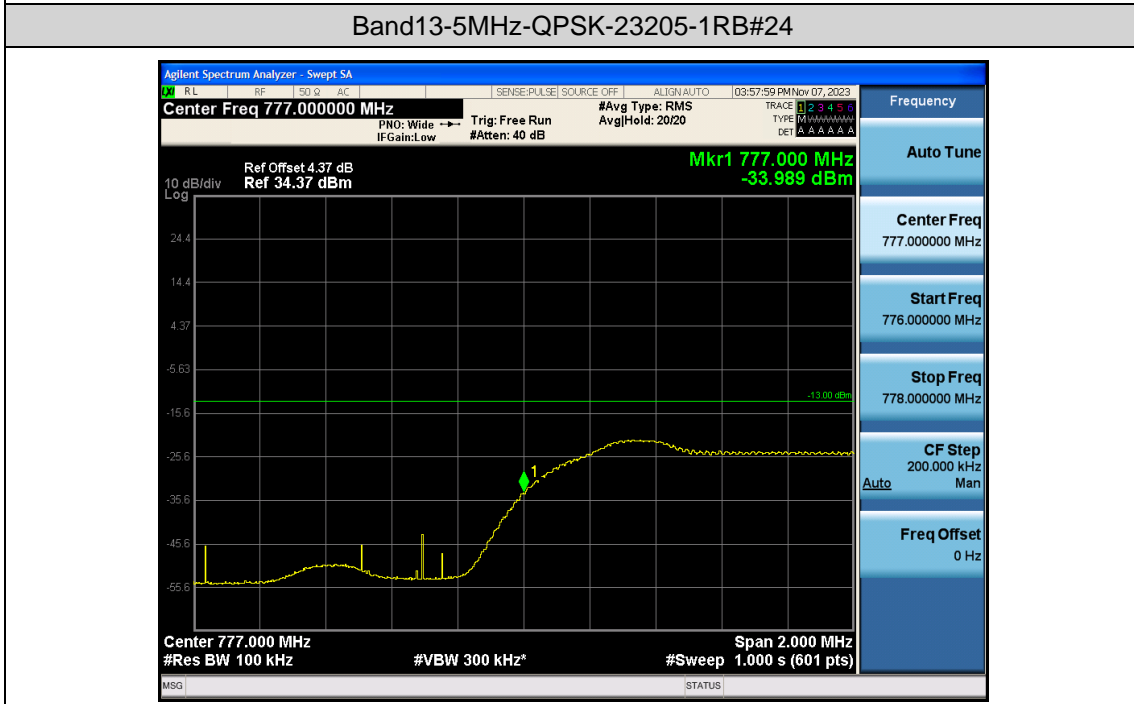
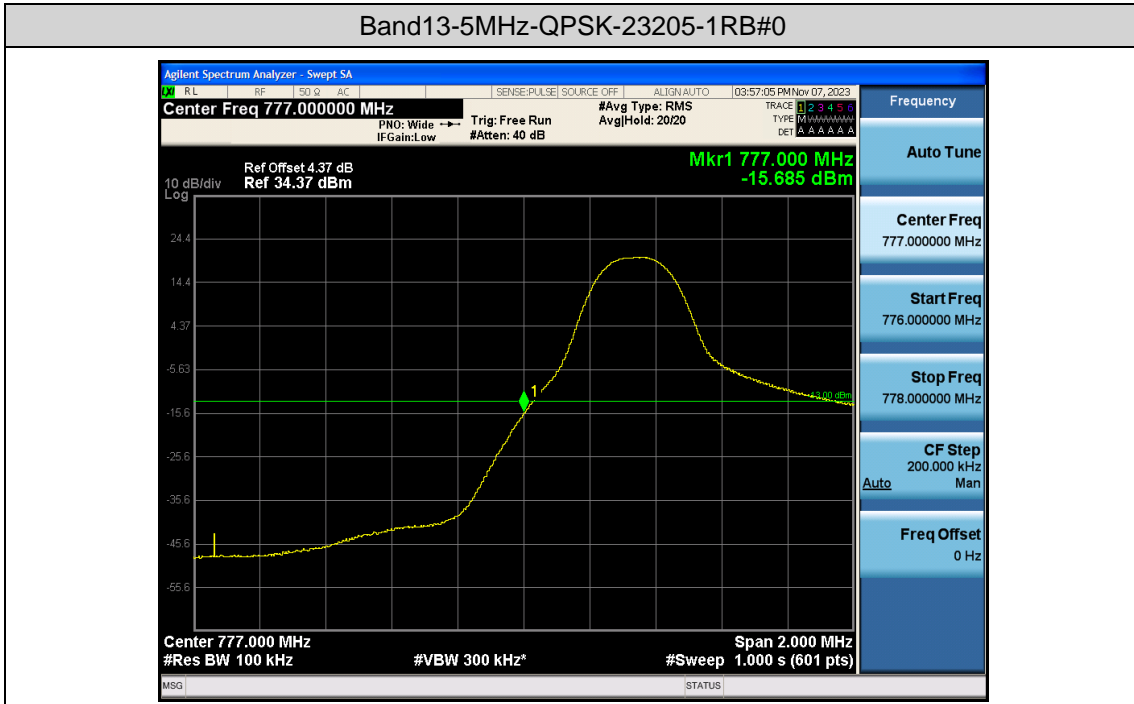


## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-15.69	PASS
Band13	5MHz	QPSK	23205	1RB#24	-33.99	PASS
Band13	5MHz	QPSK	23205	25RB#0	-26.44	PASS
Band13	5MHz	QPSK	23255	1RB#0	-34.44	PASS
Band13	5MHz	QPSK	23255	1RB#24	-16.10	PASS
Band13	5MHz	QPSK	23255	25RB#0	-27.81	PASS
Band13	5MHz	16QAM	23205	1RB#0	-17.47	PASS
Band13	5MHz	16QAM	23205	1RB#24	-34.68	PASS
Band13	5MHz	16QAM	23205	25RB#0	-27.31	PASS
Band13	5MHz	16QAM	23255	1RB#0	-35.12	PASS
Band13	5MHz	16QAM	23255	1RB#24	-16.95	PASS
Band13	5MHz	16QAM	23255	25RB#0	-28.08	PASS
Band13	10MHz	QPSK	23230	1RB#0	-18.75,-39.05	PASS
Band13	10MHz	QPSK	23230	1RB#49	-37.24,-19.22	PASS
Band13	10MHz	QPSK	23230	50RB#0	-29.79,-31.15	PASS
Band13	10MHz	16QAM	23230	1RB#0	-19.37,-40.18	PASS
Band13	10MHz	16QAM	23230	1RB#49	-37.68,-20.17	PASS
Band13	10MHz	16QAM	23230	50RB#0	-31.02,-30.92	PASS

### Test Graphs



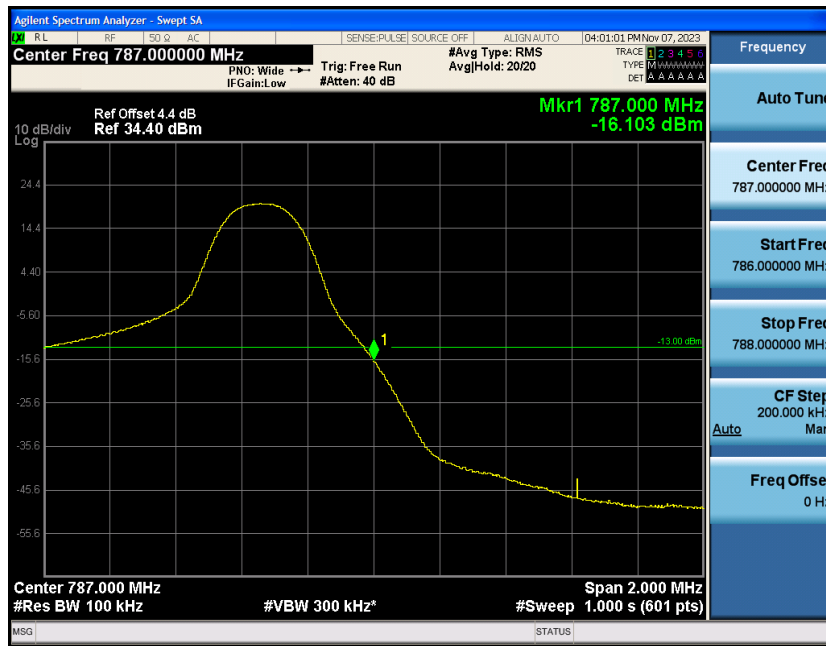
**Band13-5MHz-QPSK-23205-25RB#0**



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



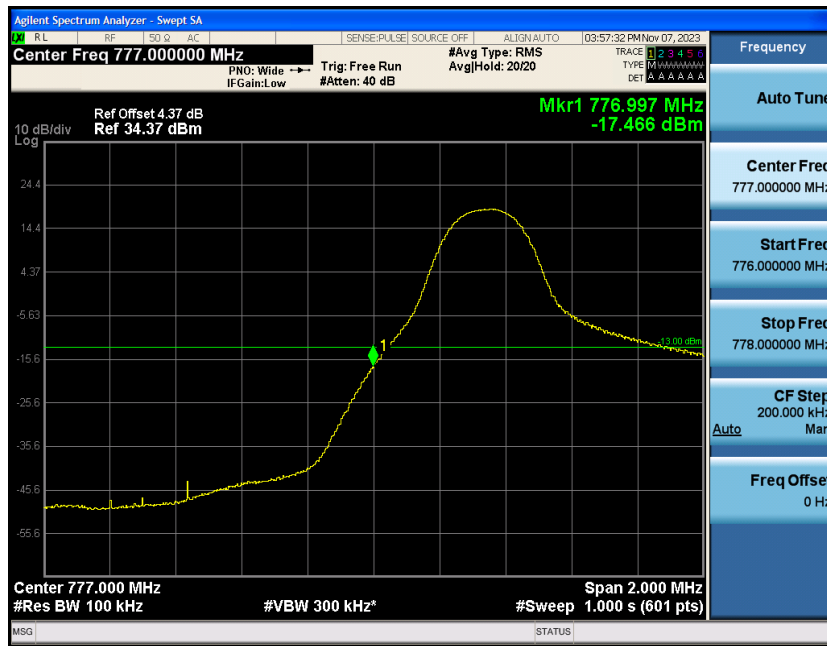
Band13-5MHz-QPSK-23255-1RB#24



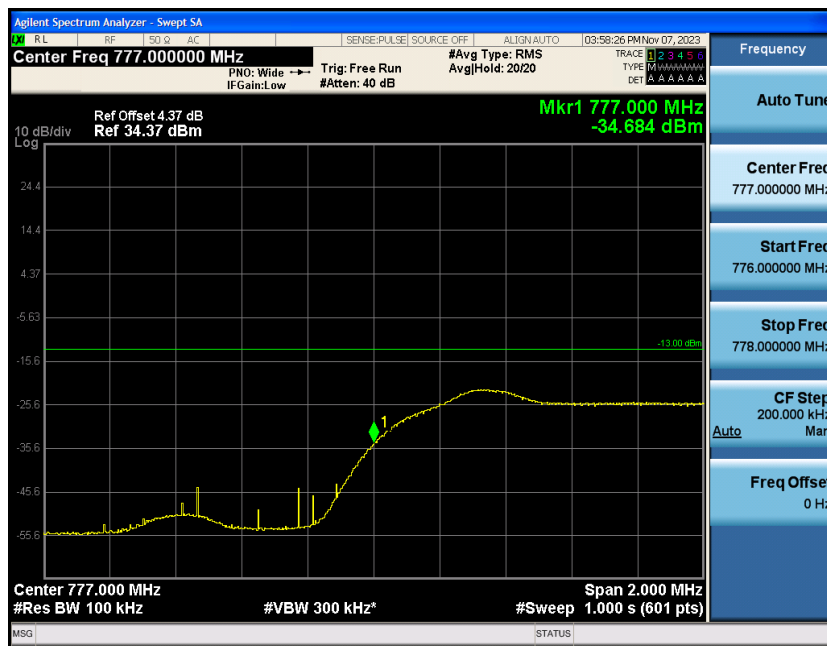
Band13-5MHz-QPSK-23255-25RB#0



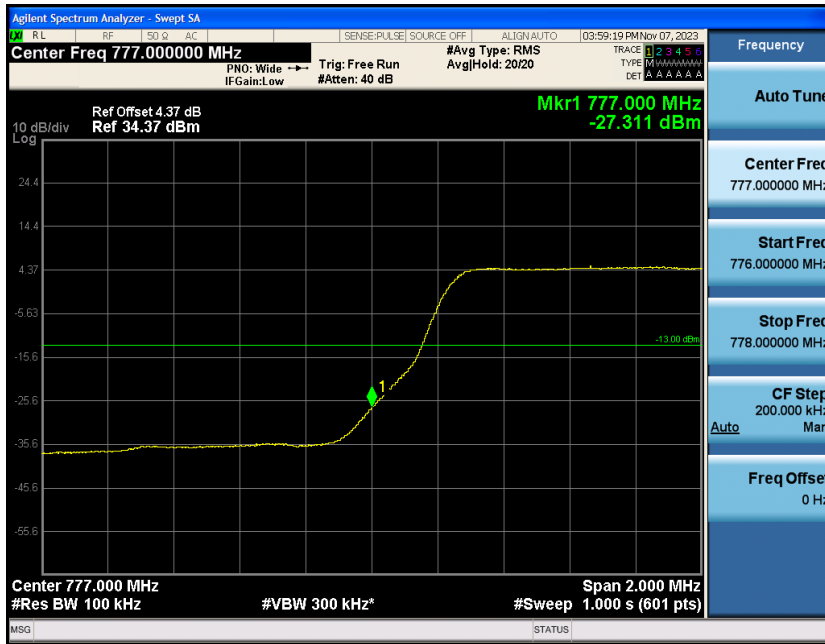
Band13-5MHz-16QAM-23205-1RB#0



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



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

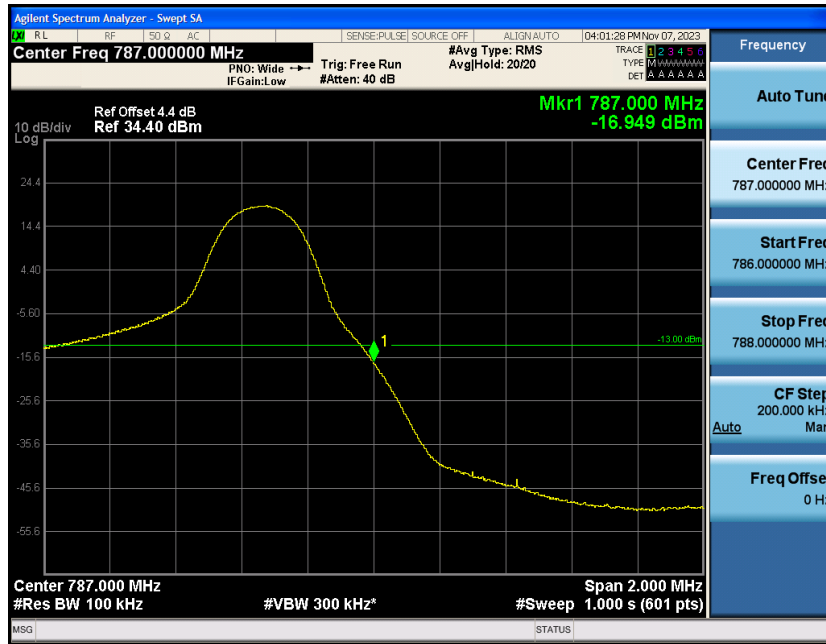


Band13-5MHz-16QAM-23255-1RB#0



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

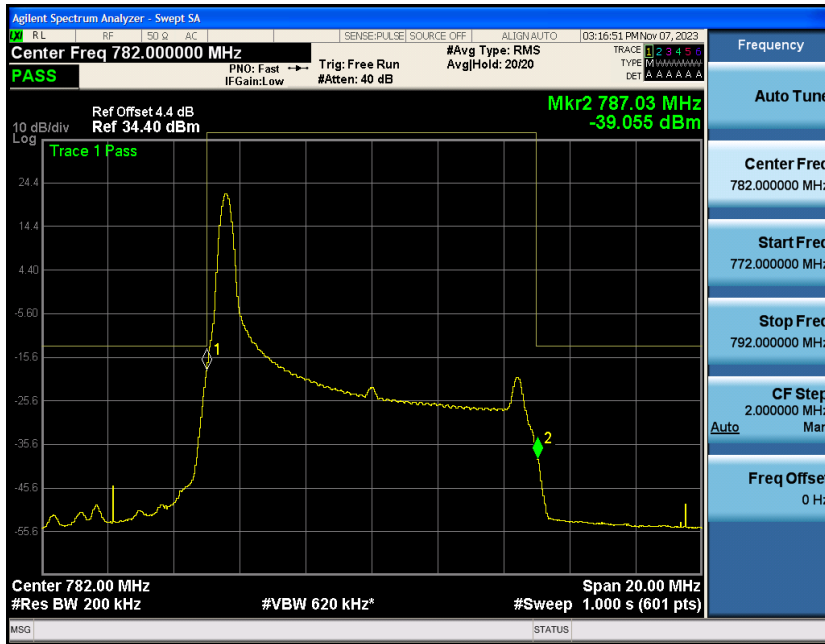




Band13-5MHz-16QAM-23255-25RB#0



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



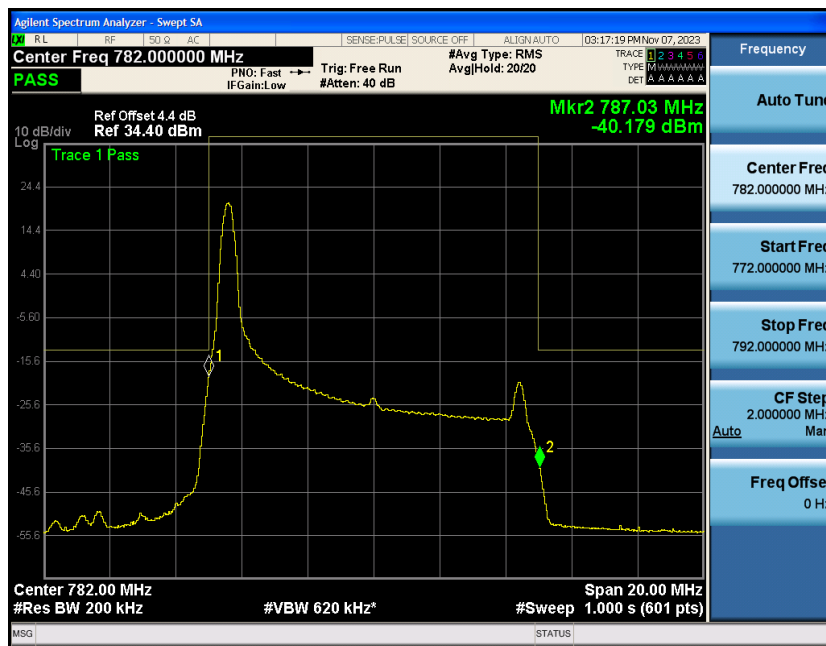
Band13-10MHz-QPSK-23230-1RB#49



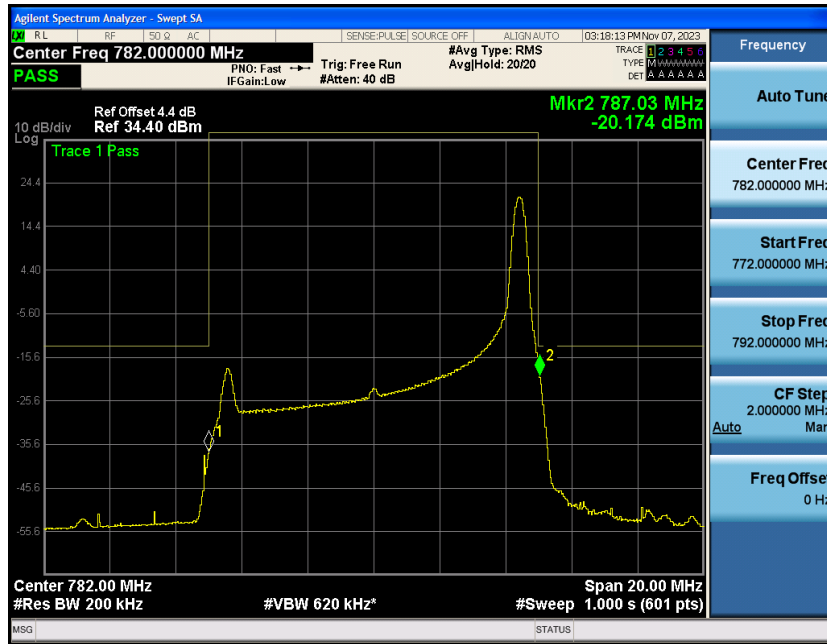
Band13-10MHz-QPSK-23230-50RB#0



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



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



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



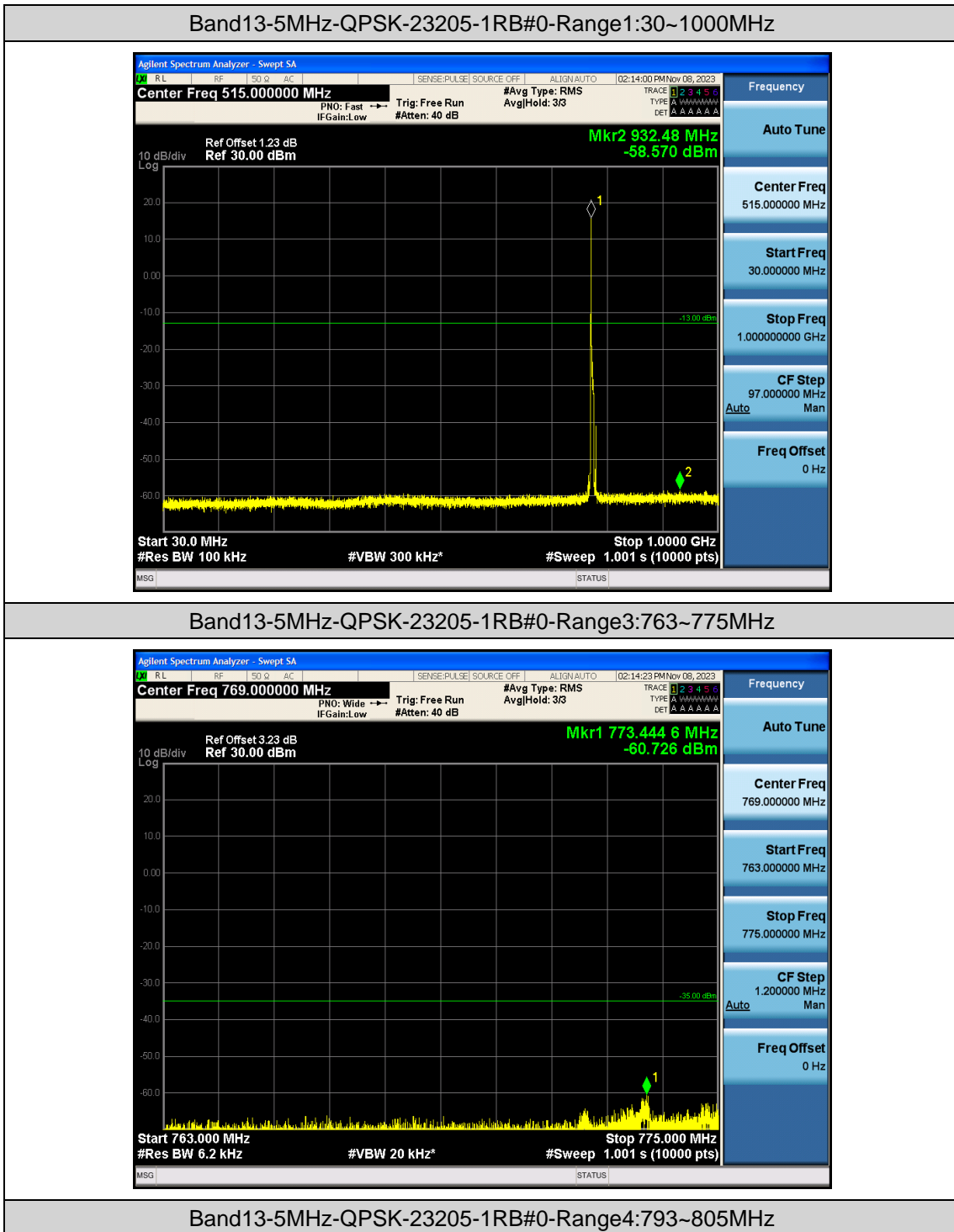
## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-58.57	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-60.73	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-65.68	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-49.98	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-74.06	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-58.18	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-61.49	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-66.2	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-50.3	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-56.6	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-58.76	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-59.85	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-65.41	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-50.48	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-56.06	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-58.58	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-60.3	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-65.28	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-51.36	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-74.11	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-58.73	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-60.78	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-65.81	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-51.12	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-58.23	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-58.58	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-61.07	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-65.48	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-51.46	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-56.14	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-58.63	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-61.36	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-52.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-50.22	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-73.99	PASS

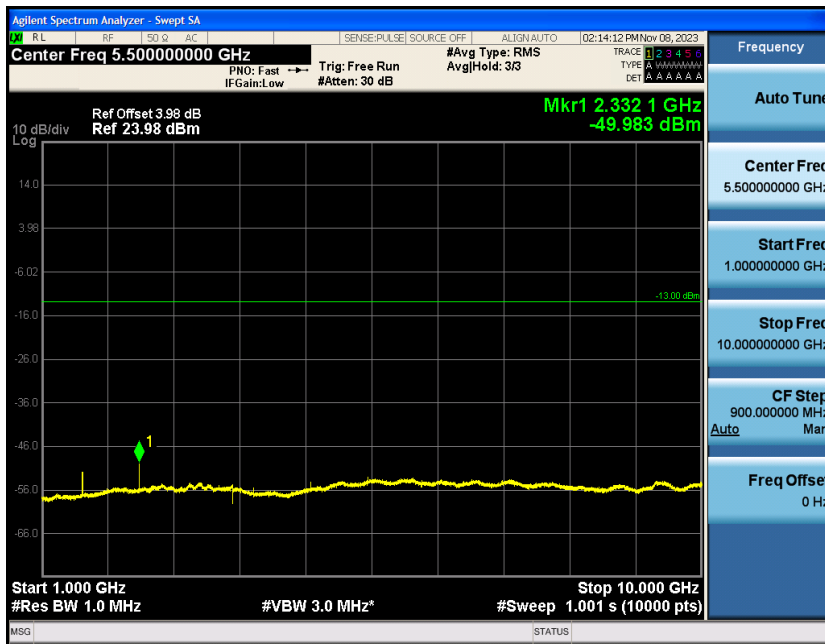
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-58.53	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-62.02	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-52.48	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-52.62	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-74.04	PASS

### Test Graphs

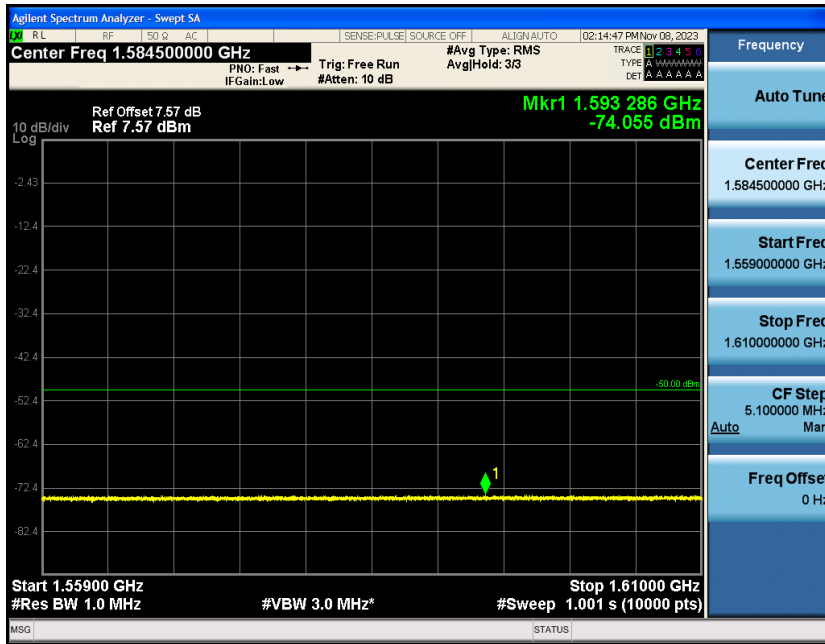




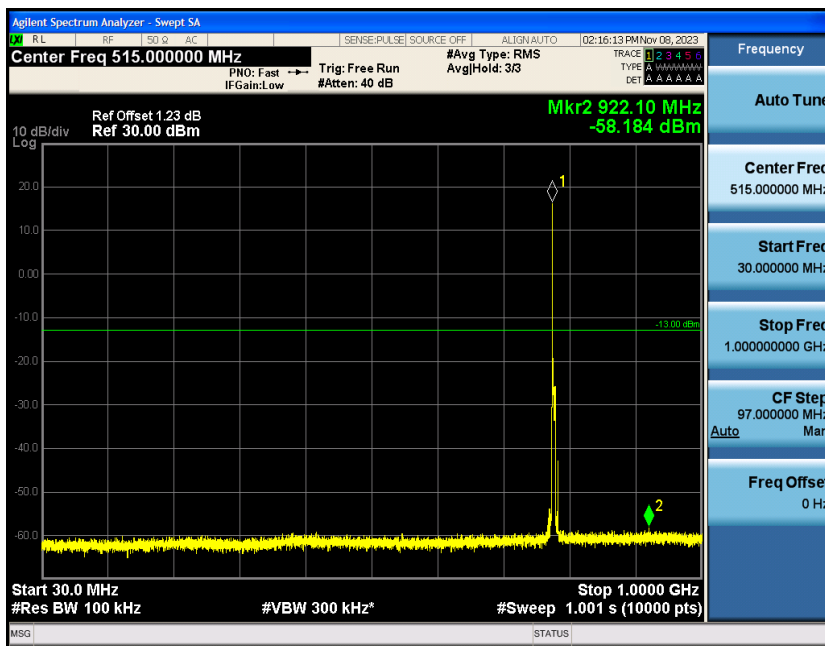
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



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

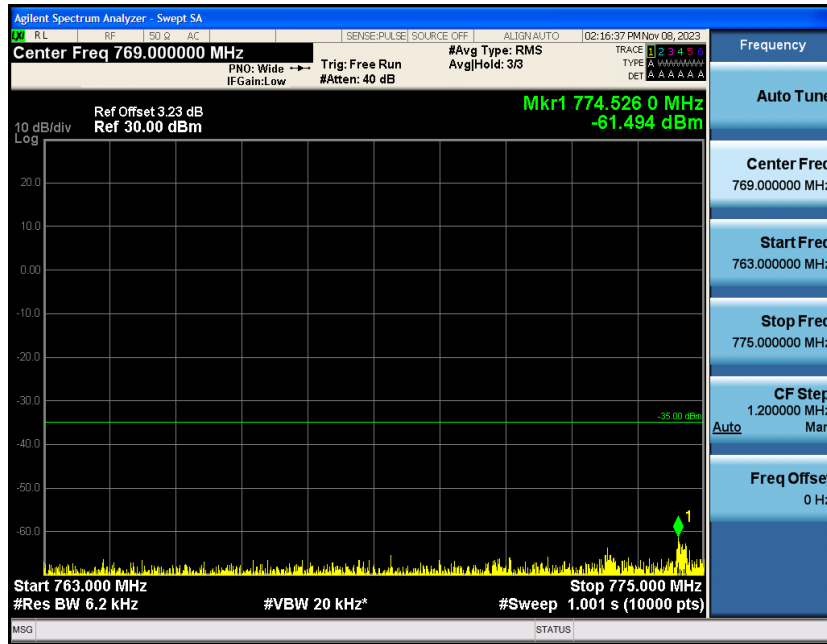


Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



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

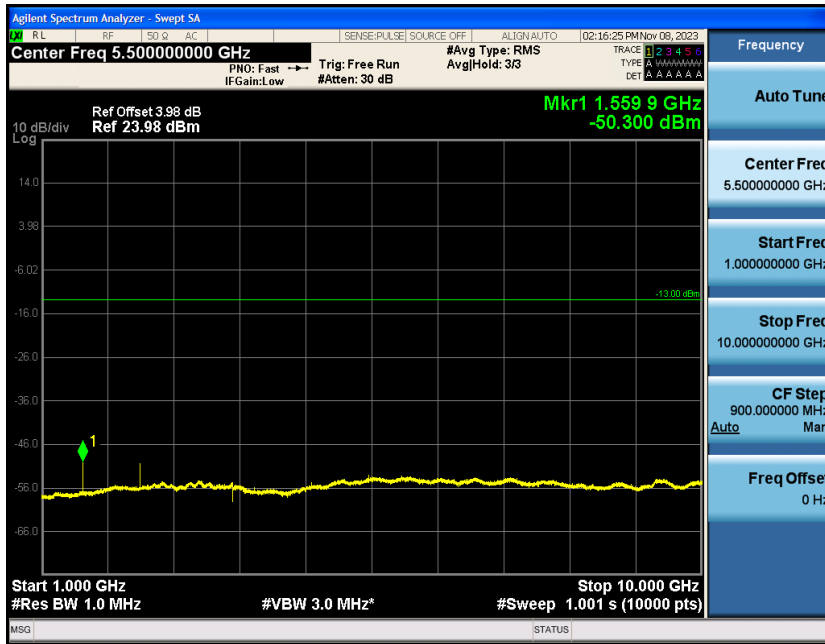




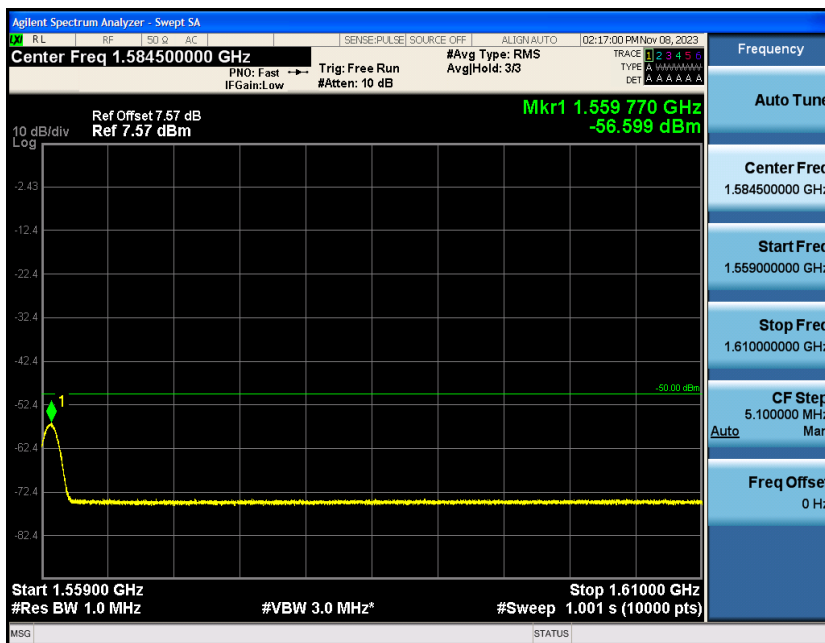
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



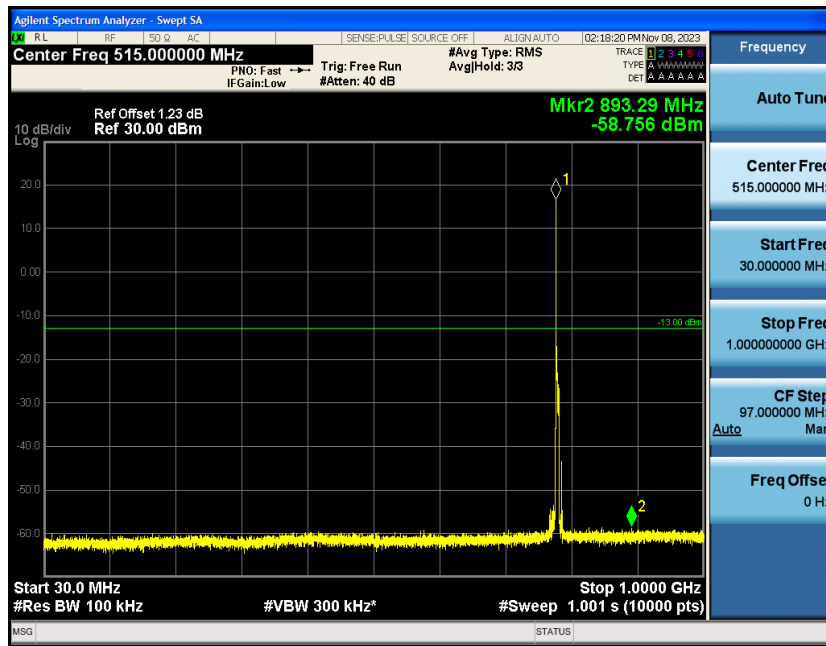
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



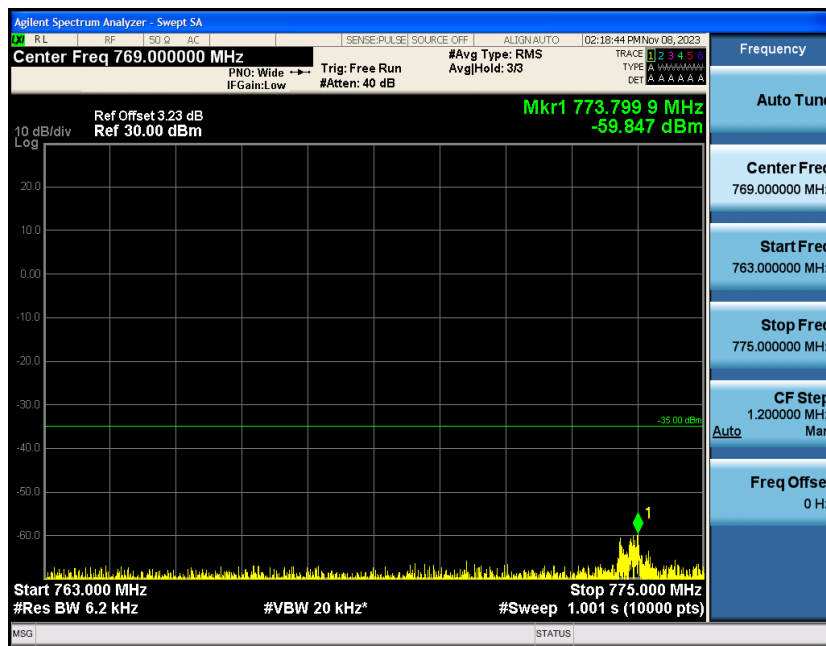
Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



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



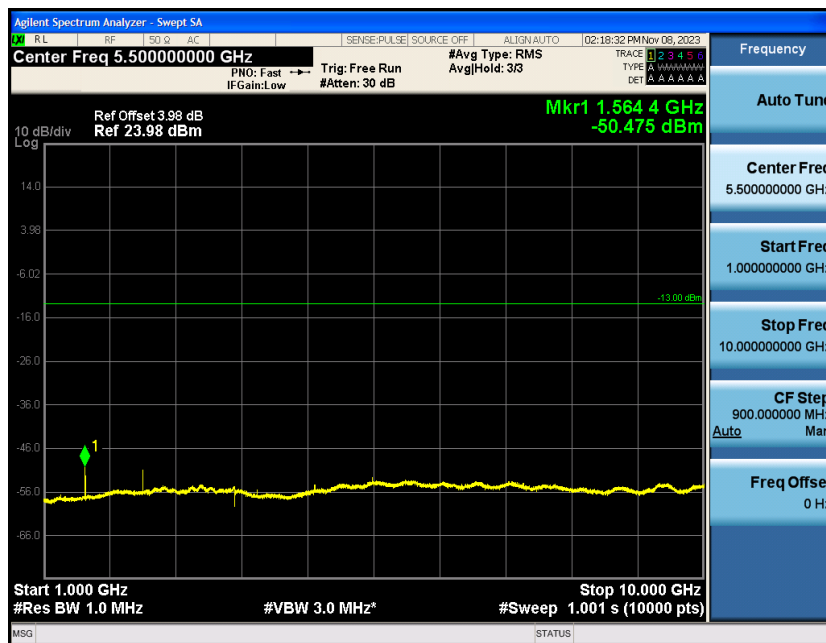
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



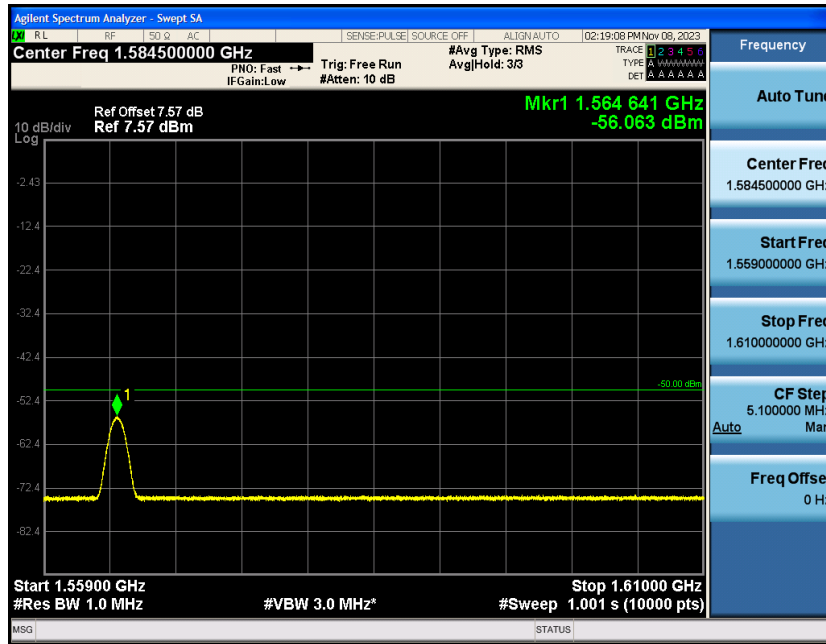
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



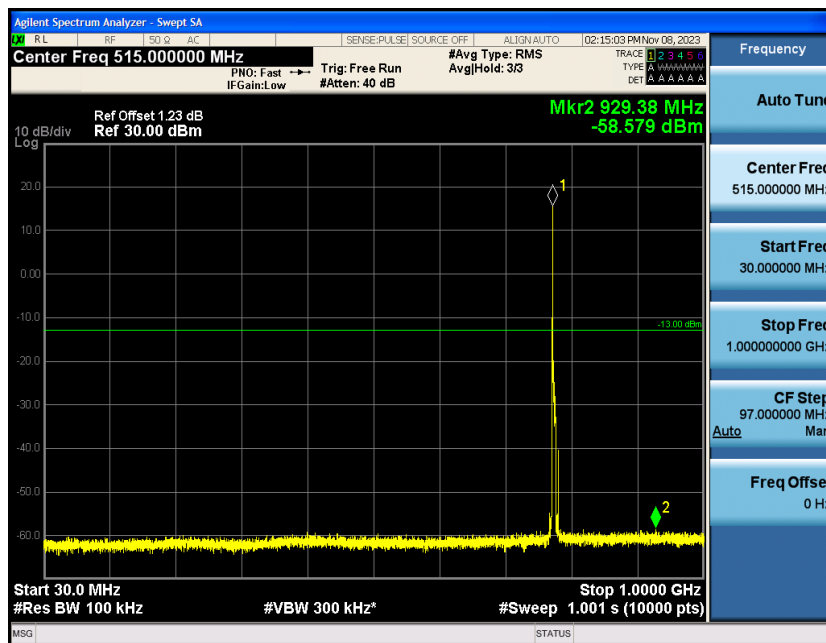
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



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



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



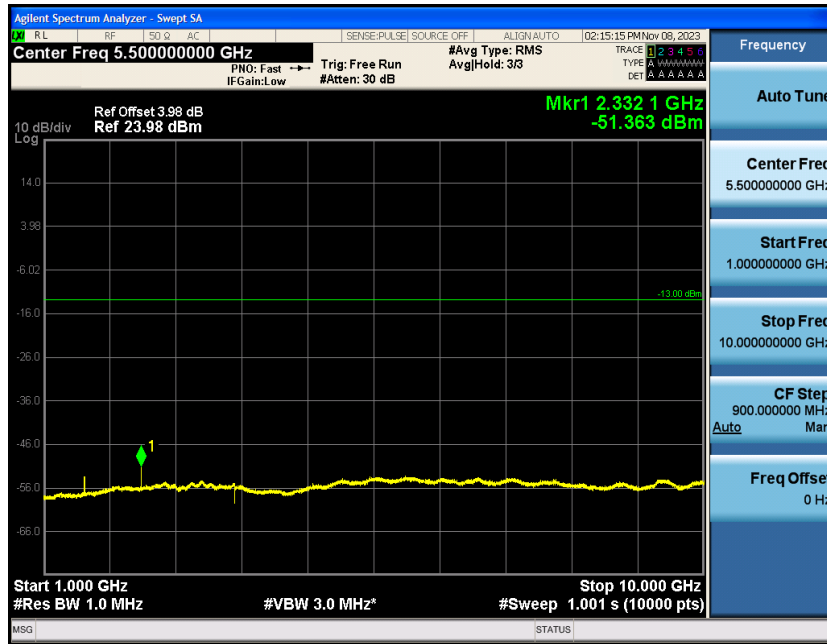
Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



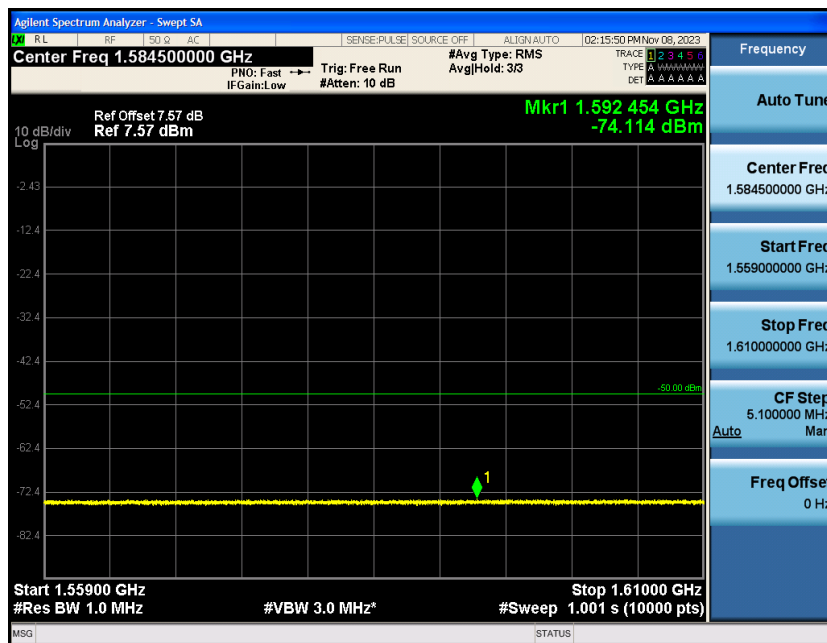
Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



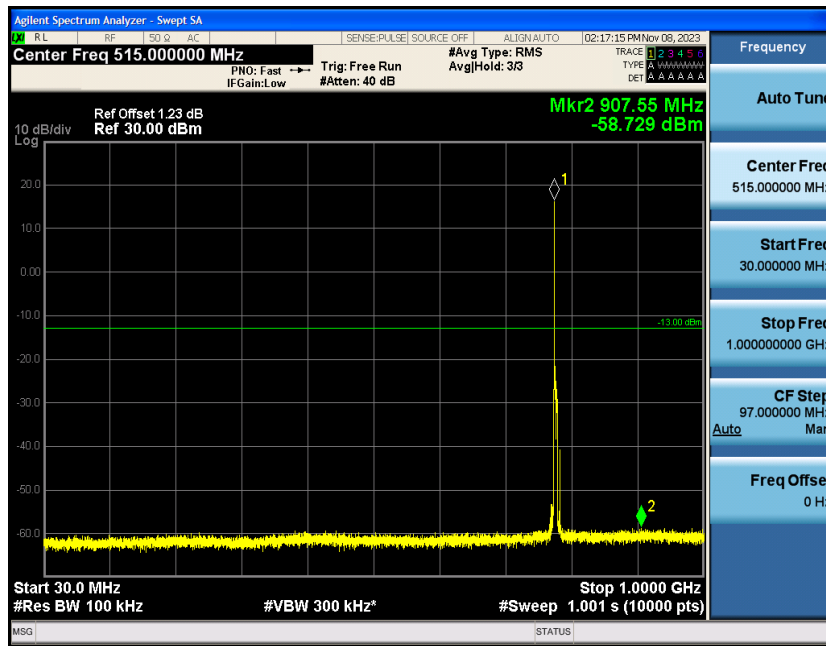
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



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

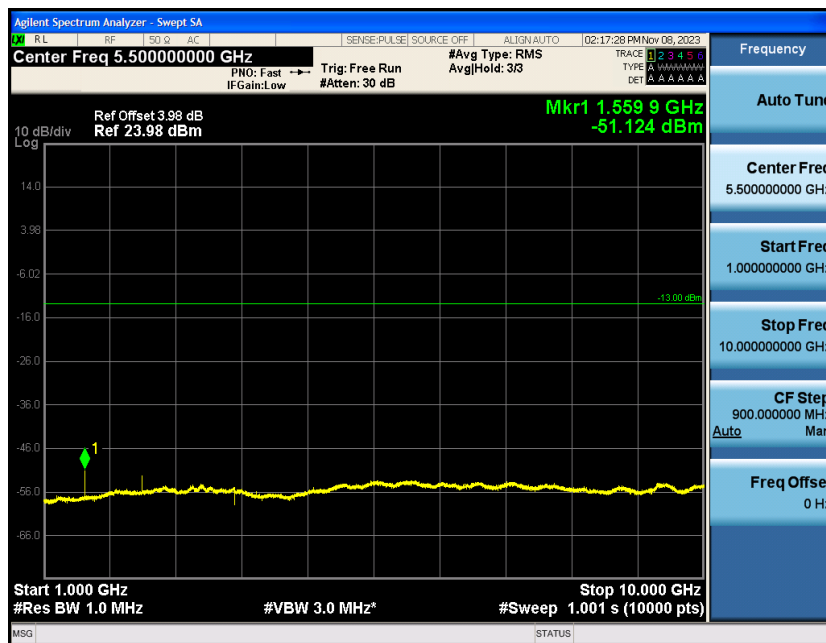


Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz

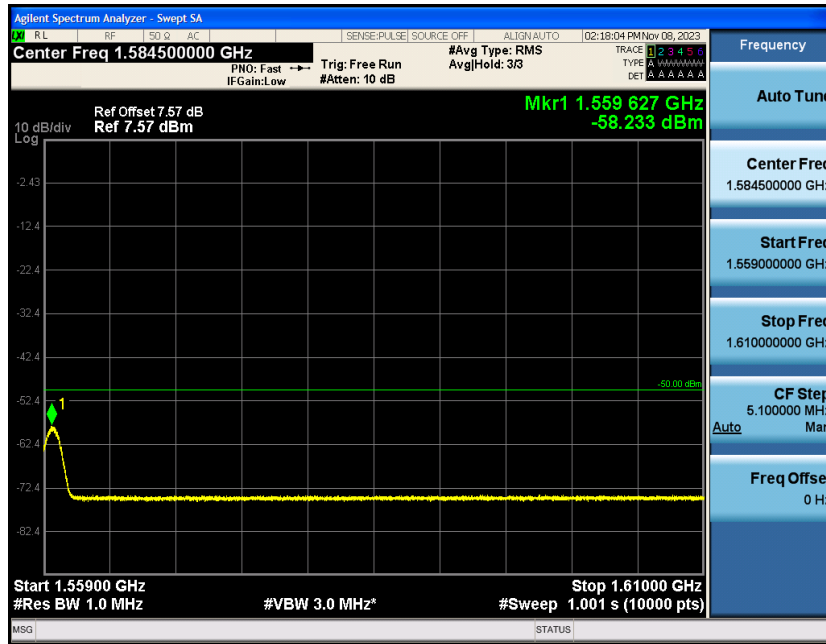




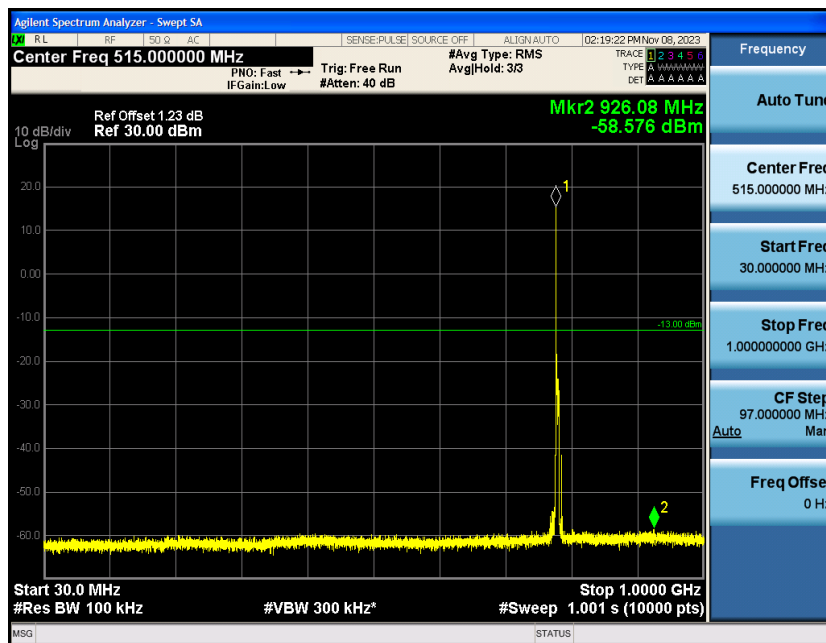
Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



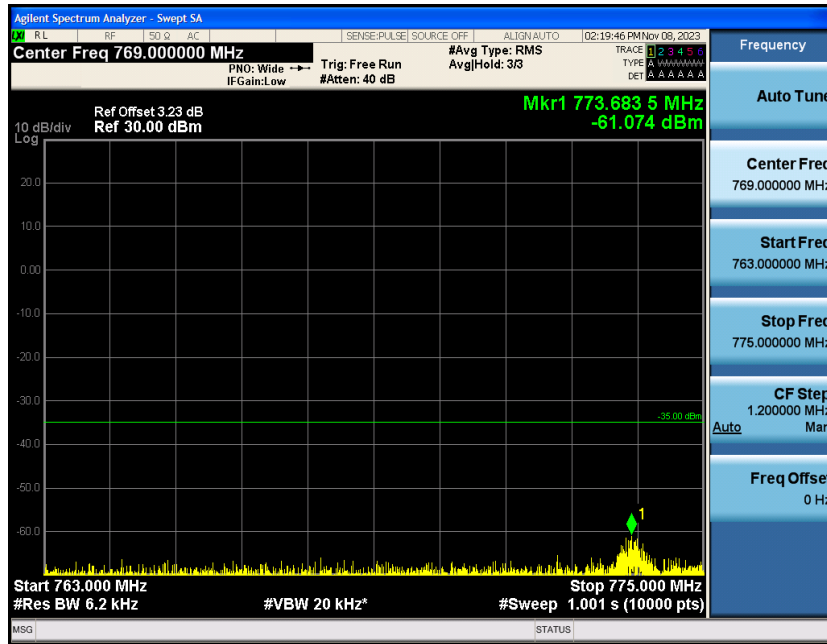
Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



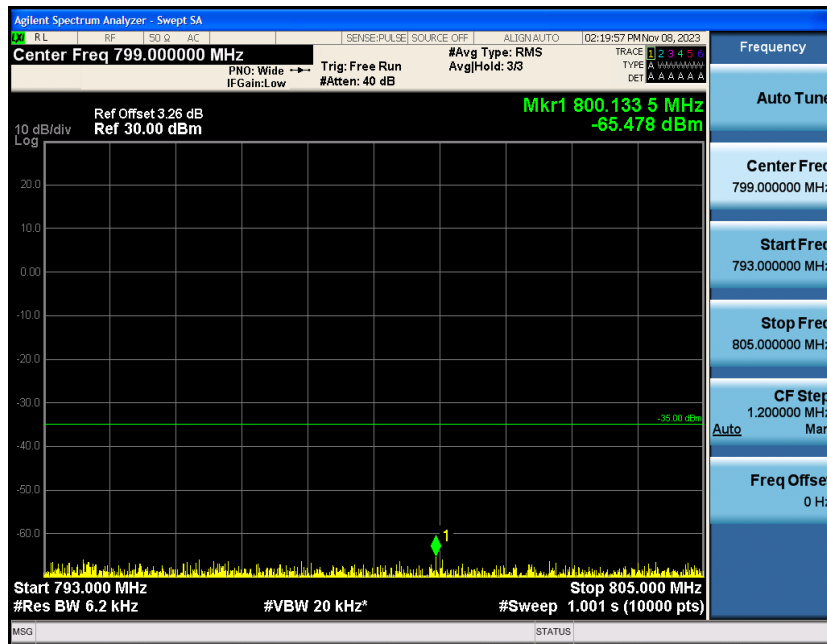
Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



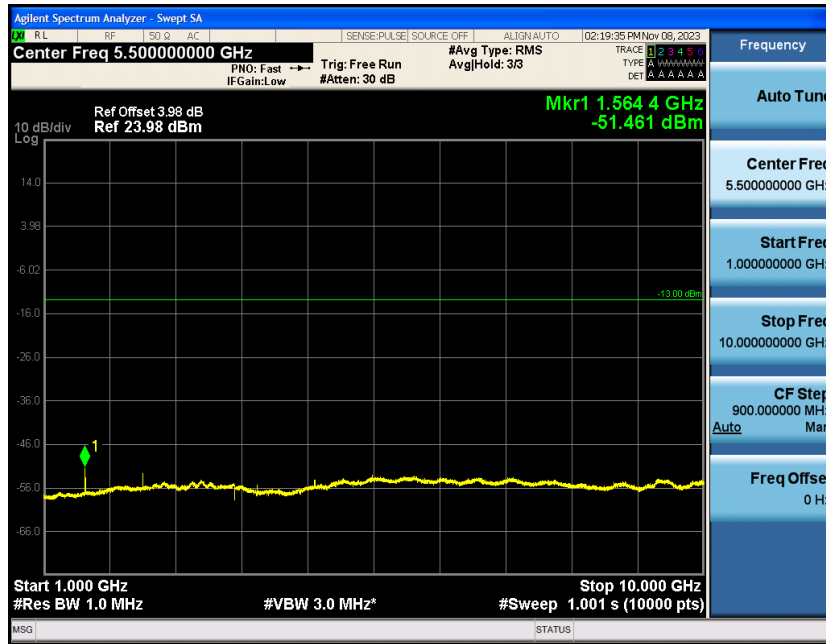
Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



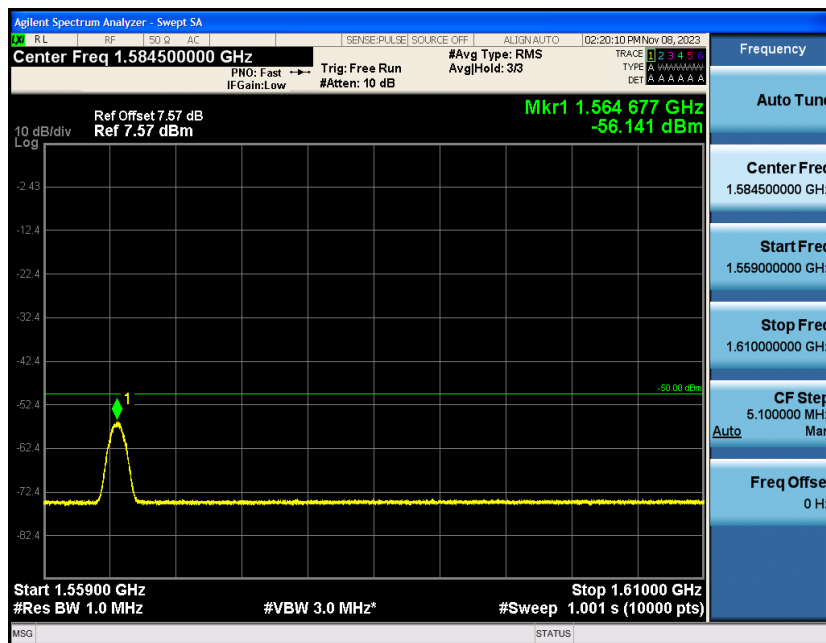
Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



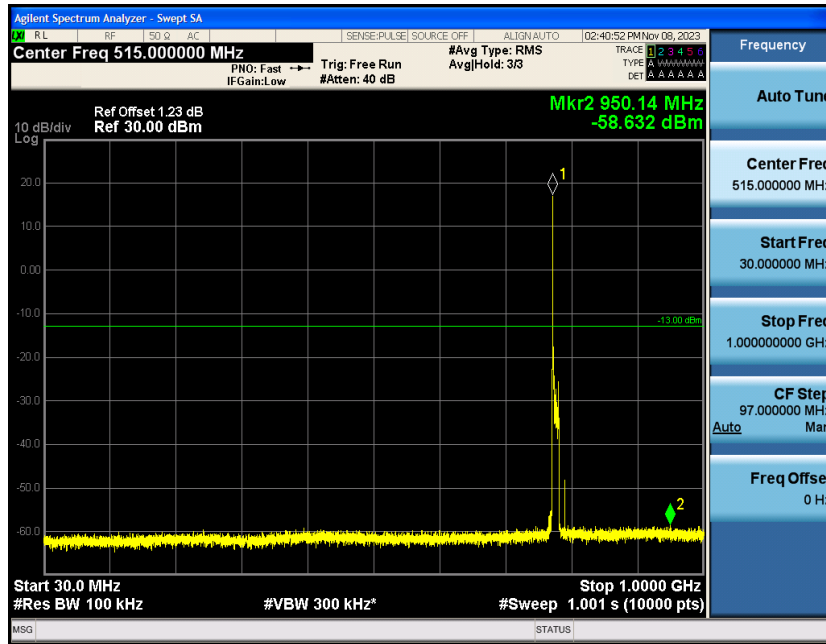
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



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



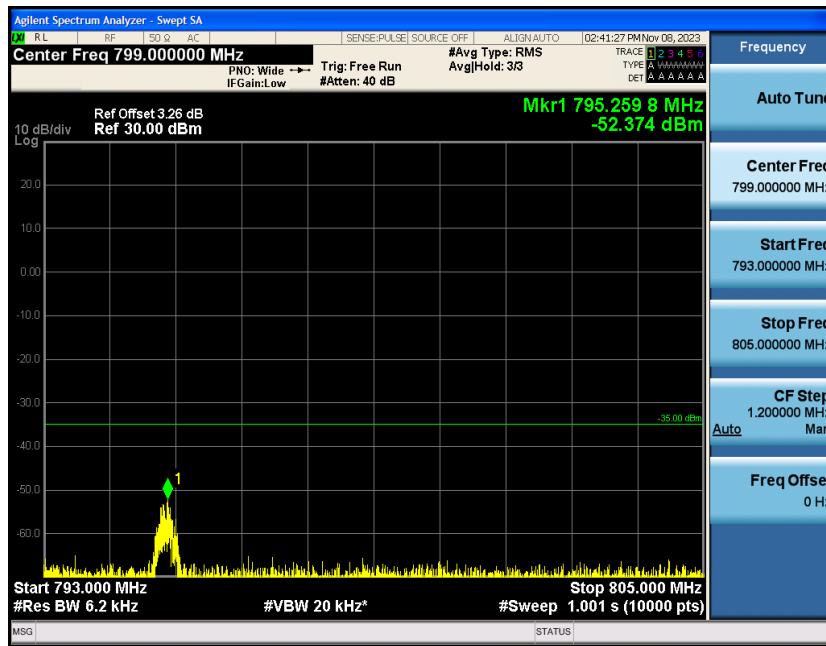
Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



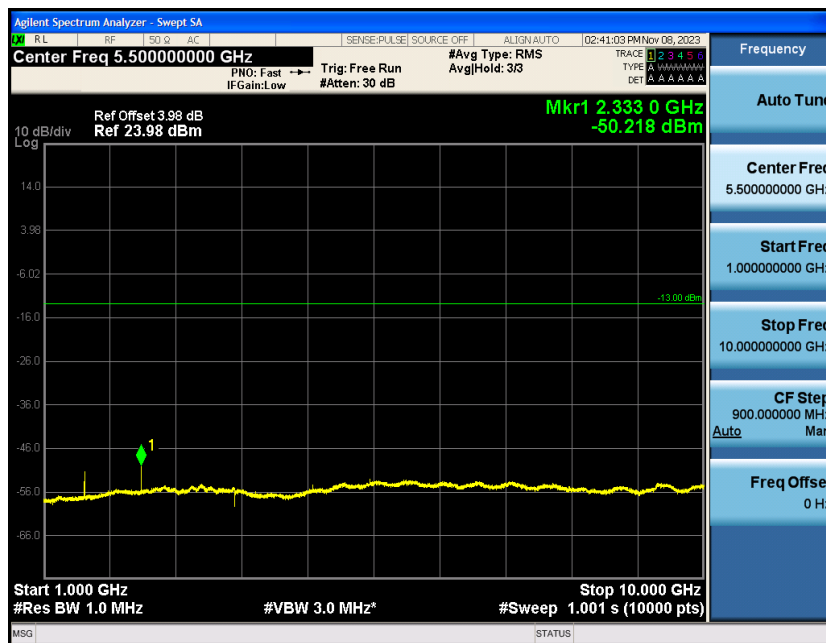
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



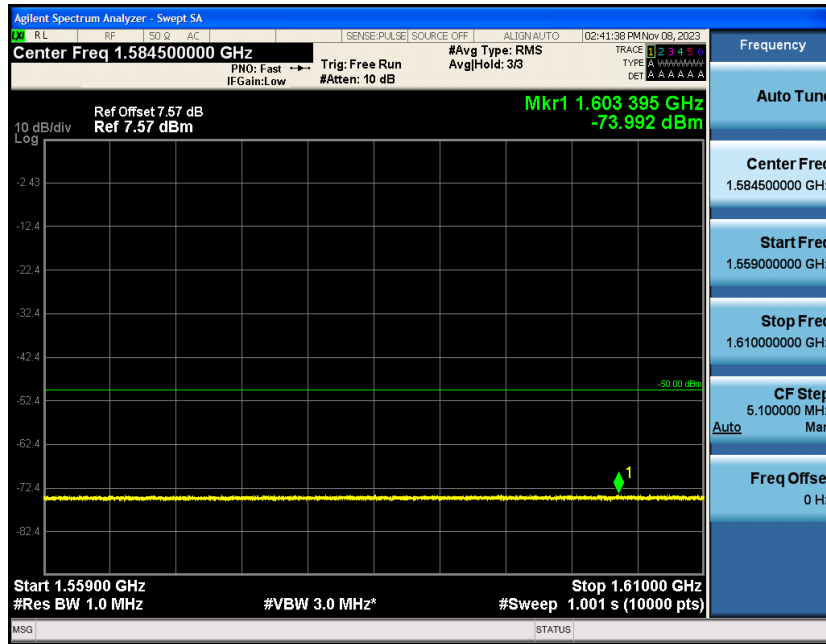
Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



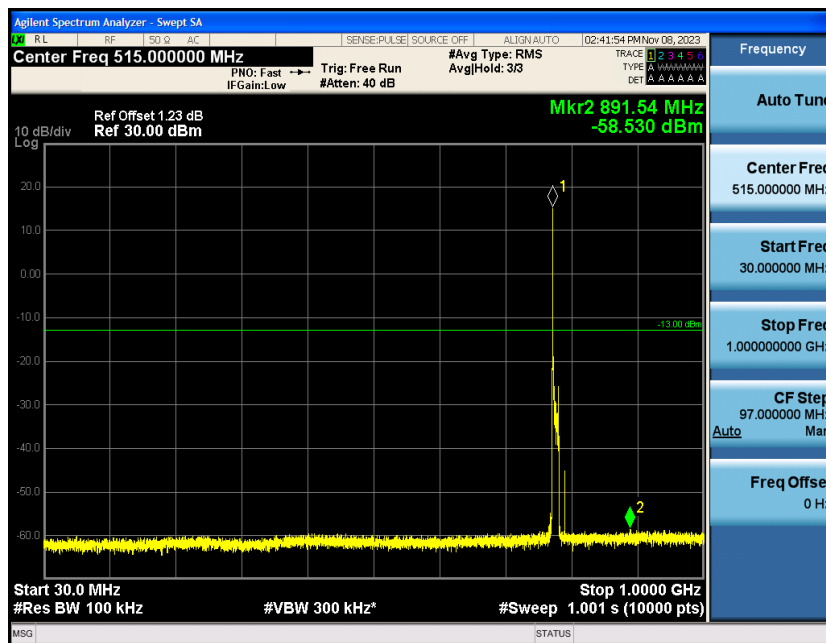
Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



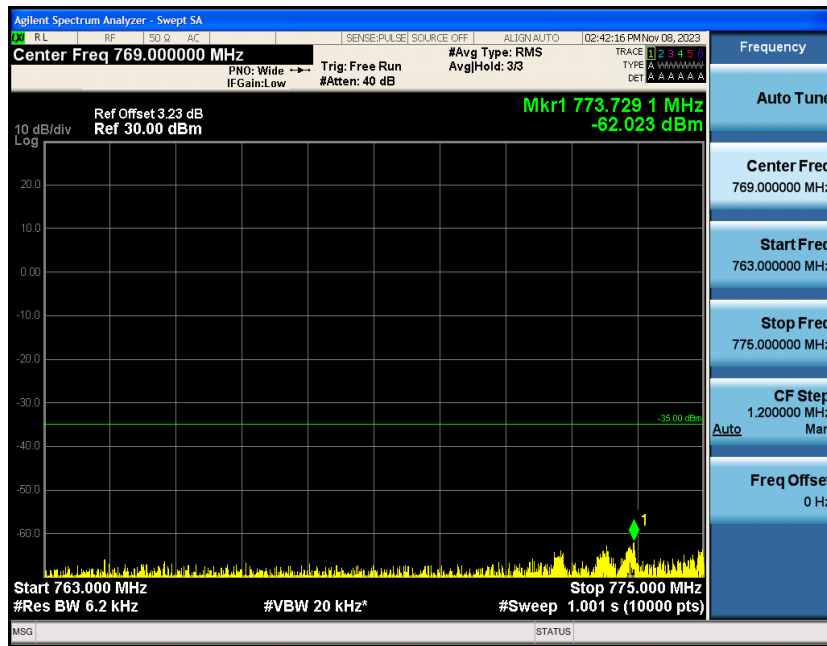
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



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



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

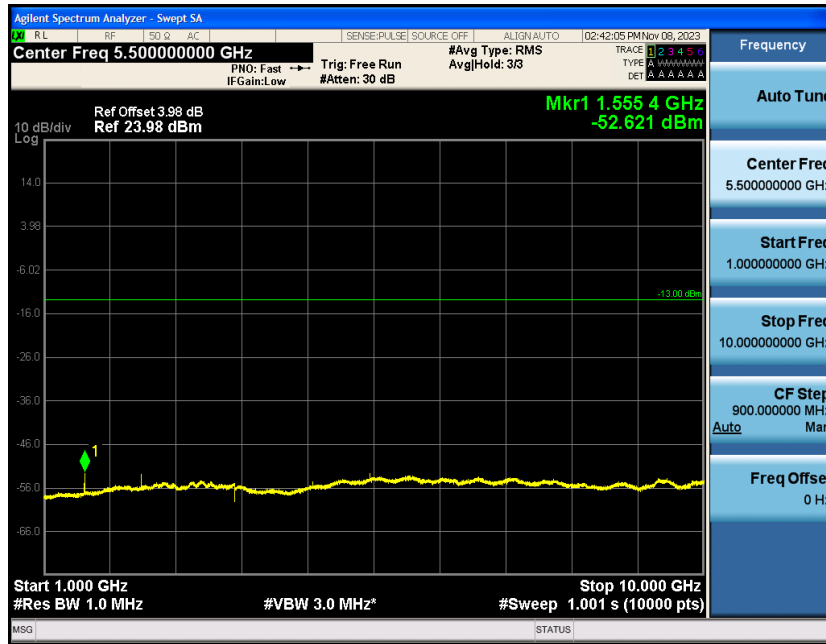


Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz

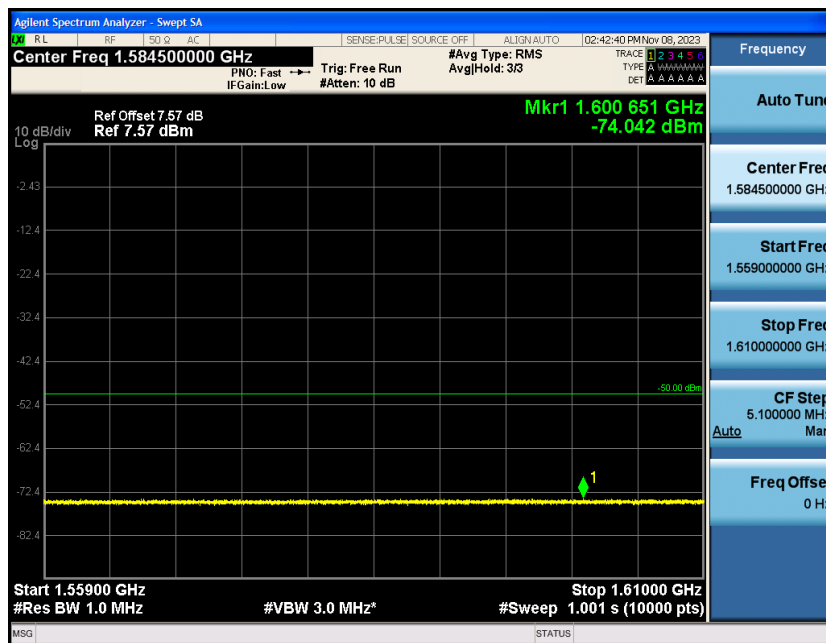


Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz





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	-29.30	-0.037584	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-20.80	-0.026683	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-35.55	-0.045600	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-17.62	-0.022534	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-11.28	-0.014428	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-16.14	-0.020639	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-6.35	-0.008098	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-5.20	-0.006634	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-3.56	-0.004535	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	7.17	0.009201	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	2.73	0.003500	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	24.40	0.031296	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-41.46	-0.053020	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-46.30	-0.059206	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-33.72	-0.043119	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-6.45	-0.008217	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-11.97	-0.015260	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	3.54	0.004508	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	8.98	0.011478	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	6.53	0.008354	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	5.84	0.007472	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	5.06	0.006473	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	1.19	0.001518	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2.35	0.003003	±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	-31.81	-0.040804	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-19.39	-0.024880	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-8.48	-0.010885	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	7.23	0.009271	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	9.83	0.012607	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-20.42	-0.026107	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-29.11	-0.037226	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-39.92	-0.051050	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-37.23	-0.047612	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-49.52	-0.063329	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	0.79	0.001007	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	2.42	0.003088	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-4.52	-0.005763	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	0.00	0.000002	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	2.04	0.002598	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	31.70	0.040670	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	43.40	0.055679	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	48.51	0.062230	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-1.10	-0.001416	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	6.76	0.008668	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-34.16	-0.043681	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-27.11	-0.034668	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-24.43	-0.031235	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-15.69	-0.020068	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-14.17	-0.018126	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	6.53	0.008328	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	6.93	0.008831	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	10.14	0.012926	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	13.77	0.017550	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	21.92	0.027947	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	10.55	0.013489	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	5.51	0.007044	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	6.39	0.008172	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-1.83	-0.002344	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-4.08	-0.005224	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	11.73	0.015003	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	11.25	0.014381	±2.5	PASS



Band13	10MHz	16QAM	23230	50RB#0	NV	0	1.14	0.001457	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	13.31	0.017026	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	14.57	0.018627	±2.5	PASS

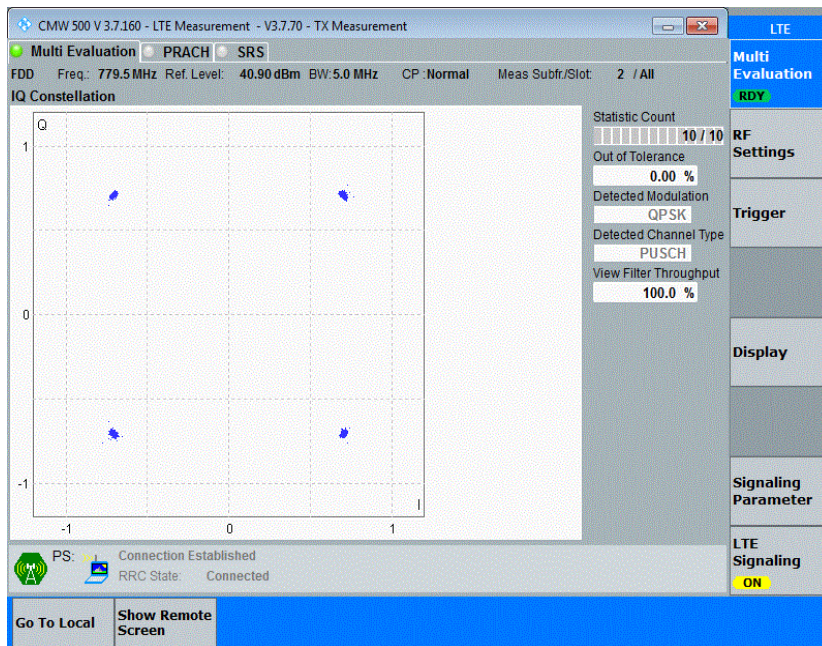
## Appendix G: Modulation Characteristics

### Test Result

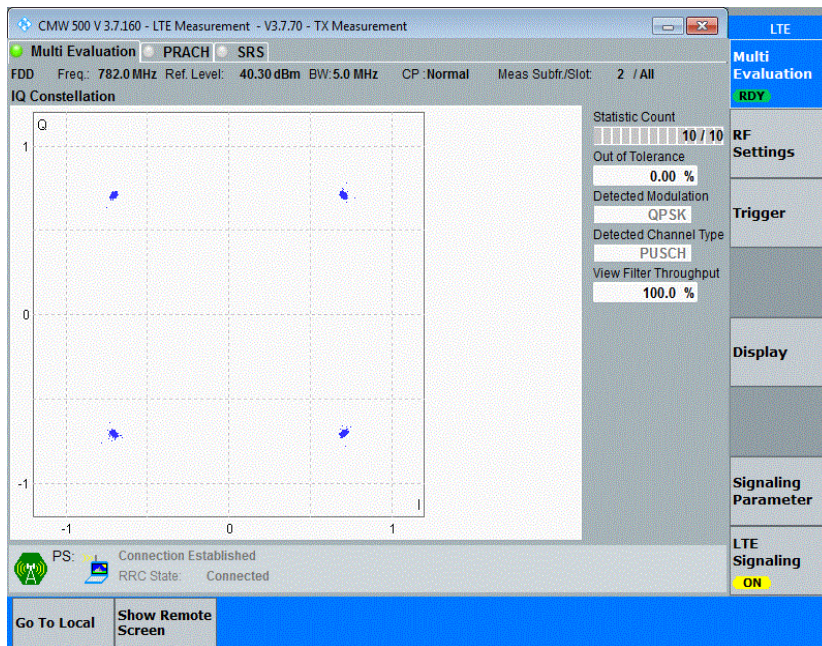
Band	Channel	Result	Verdict
Band13	23205	PASS	PASS
Band13	23230	PASS	PASS
Band13	23255	PASS	PASS
Band13	23205	PASS	PASS
Band13	23230	PASS	PASS
Band13	23255	PASS	PASS
Band13	23230	PASS	PASS
Band13	23230	PASS	PASS

### Test Graphs

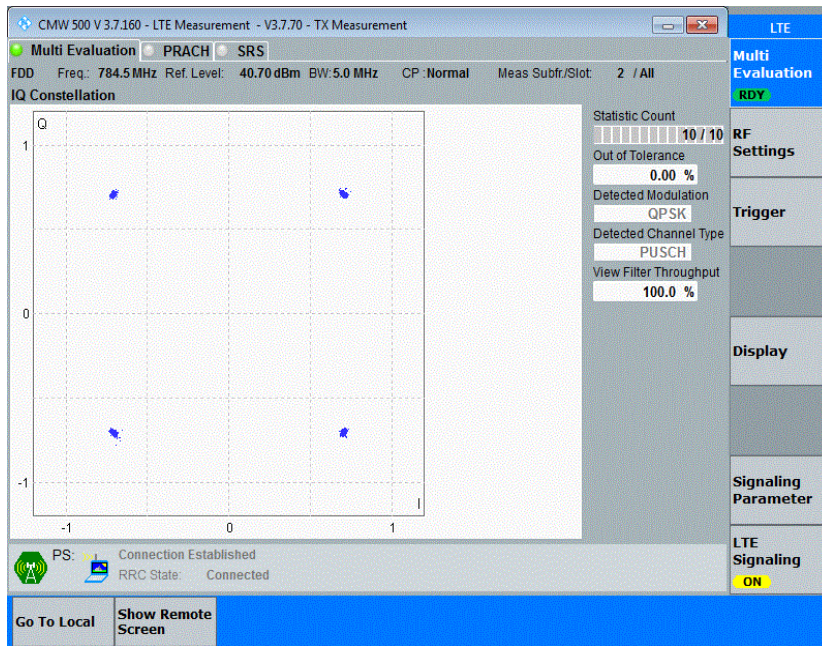
Band13-5MHz-QPSK-23205-25RB#0



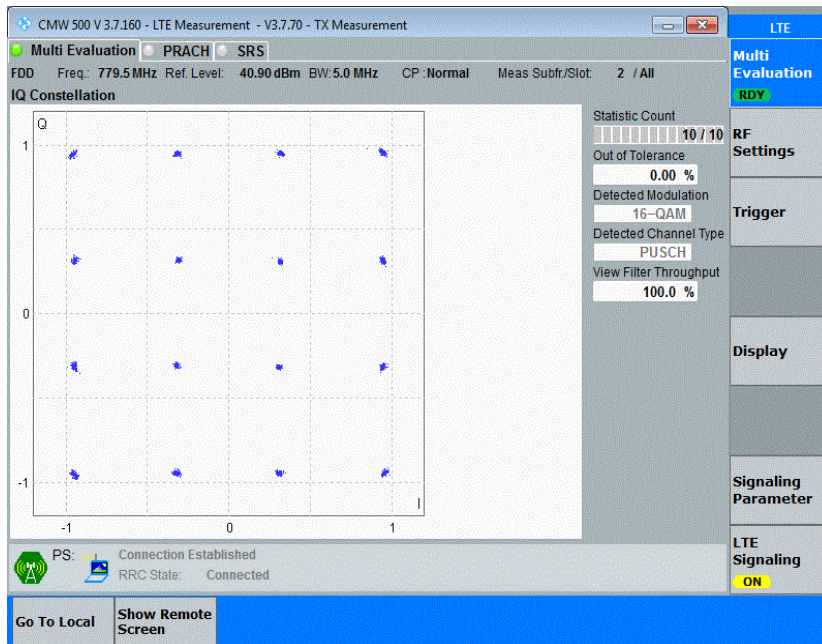
Band13-5MHz-QPSK-23230-25RB#0



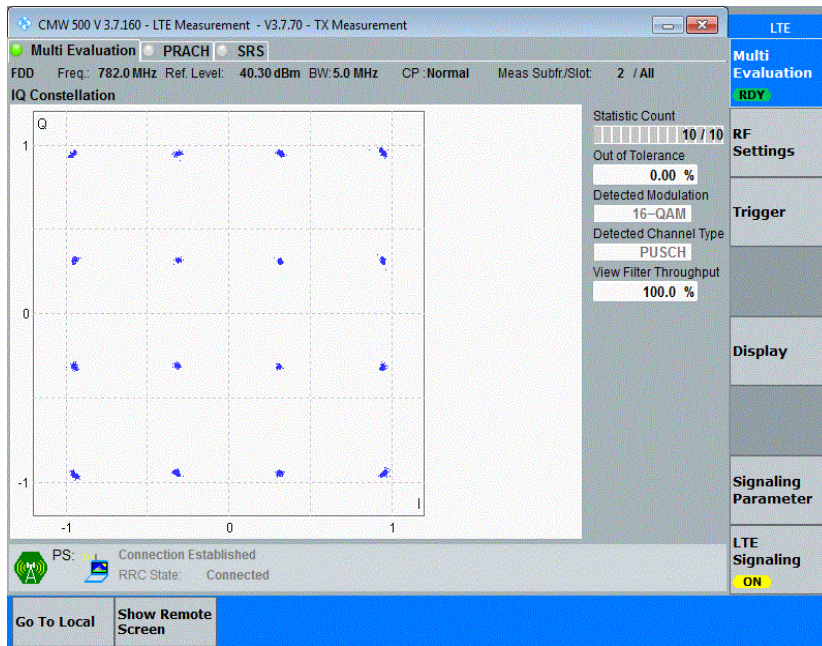
Band13-5MHz-QPSK-23255-25RB#0



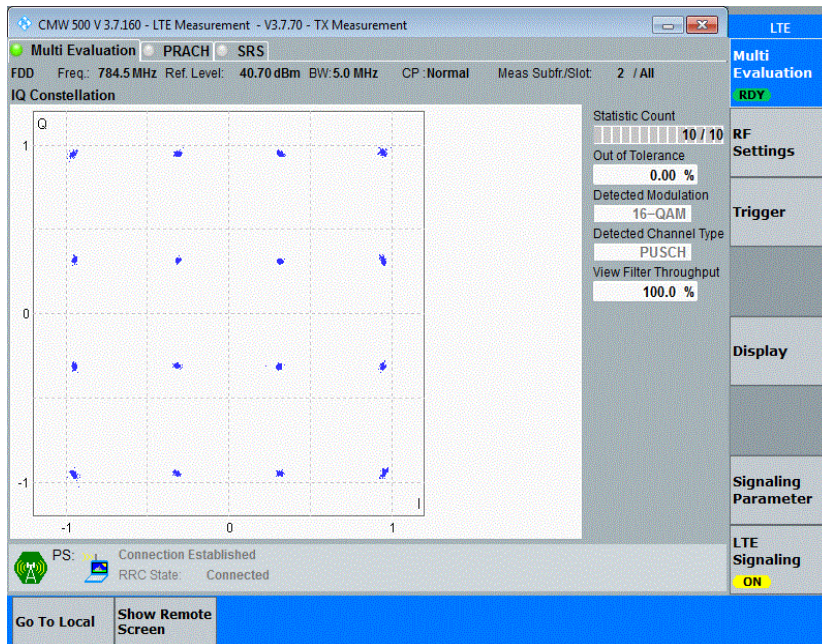
Band13-5MHz-16QAM-23205-25RB#0



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

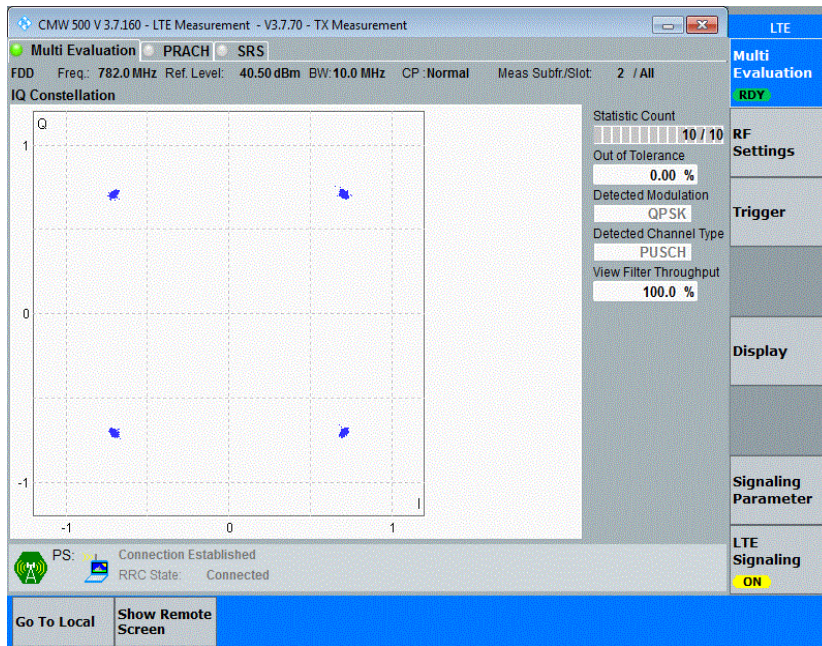


Band13-5MHz-16QAM-23255-25RB#0



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





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

