

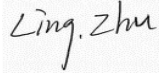


Appendix E Test Data for E-UTRA Band 13

Product Name: Body weight scale

Test Model: U30A

Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	 Ling Zhu
Supervised by:	 Li Huan



E.1 Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	20.81	PASS
Band13	5MHz	23205	QPSK	1	5	Low	20.64	PASS
Band13	5MHz	23205	QPSK	6	0	Low	22.57	PASS
Band13	5MHz	23230	QPSK	1	0	Low	20.91	PASS
Band13	5MHz	23230	QPSK	1	5	Low	20.66	PASS
Band13	5MHz	23230	QPSK	6	0	Low	22.53	PASS
Band13	5MHz	23255	QPSK	1	0	High	21.02	PASS
Band13	5MHz	23255	QPSK	1	5	High	20.75	PASS
Band13	5MHz	23255	QPSK	6	0	High	22.52	PASS
Band13	5MHz	23205	16QAM	1	0	Low	21.00	PASS
Band13	5MHz	23205	16QAM	1	5	Low	20.76	PASS
Band13	5MHz	23205	16QAM	6	0	Low	21.19	PASS
Band13	5MHz	23230	16QAM	1	0	Low	21.08	PASS
Band13	5MHz	23230	16QAM	1	5	Low	20.85	PASS
Band13	5MHz	23230	16QAM	6	0	Low	21.43	PASS
Band13	5MHz	23255	16QAM	1	0	High	21.07	PASS
Band13	5MHz	23255	16QAM	1	5	High	20.43	PASS
Band13	5MHz	23255	16QAM	6	0	High	21.84	PASS
Band13	10MHz	23230	QPSK	1	0	Low	20.85	PASS
Band13	10MHz	23230	QPSK	1	5	Low	20.60	PASS
Band13	10MHz	23230	QPSK	6	0	Low	22.55	PASS
Band13	10MHz	23230	16QAM	1	0	Low	21.04	PASS
Band13	10MHz	23230	16QAM	1	5	Low	20.91	PASS
Band13	10MHz	23230	16QAM	6	0	Low	21.45	PASS



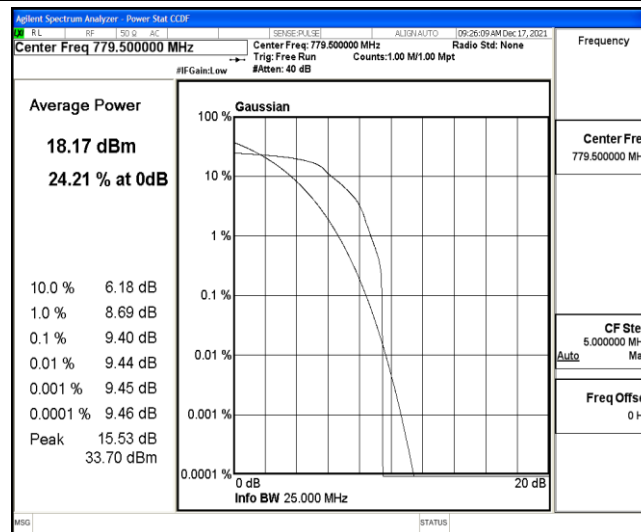
E.2 Peak-to-Average Ratio(CCDF) for M1

Test Result

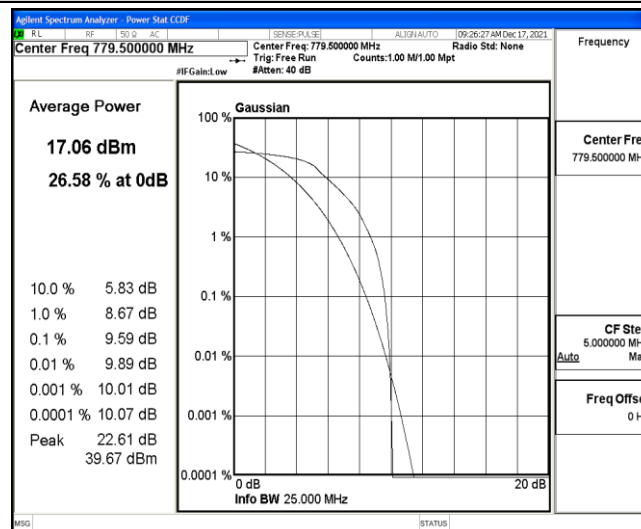
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	9.40	<=13	PASS
Band13	5MHz	23205	QPSK	6	0	Low	9.59	<=13	PASS
Band13	5MHz	23230	QPSK	1	0	Low	8.65	<=13	PASS
Band13	5MHz	23230	QPSK	6	0	Low	12.11	<=13	PASS
Band13	5MHz	23255	QPSK	1	0	High	8.68	<=13	PASS
Band13	5MHz	23255	QPSK	6	0	High	10.24	<=13	PASS
Band13	5MHz	23205	16QAM	1	0	Low	9.78	<=13	PASS
Band13	5MHz	23205	16QAM	6	0	Low	9.59	<=13	PASS
Band13	5MHz	23230	16QAM	1	0	Low	10.74	<=13	PASS
Band13	5MHz	23230	16QAM	6	0	Low	6.10	<=13	PASS
Band13	5MHz	23255	16QAM	1	0	High	9.69	<=13	PASS
Band13	5MHz	23255	16QAM	6	0	High	9.64	<=13	PASS
Band13	10MHz	23230	QPSK	1	0	Low	11.18	<=13	PASS
Band13	10MHz	23230	QPSK	6	0	Low	9.80	<=13	PASS
Band13	10MHz	23230	16QAM	1	0	Low	10.26	<=13	PASS
Band13	10MHz	23230	16QAM	6	0	Low	8.23	<=13	PASS



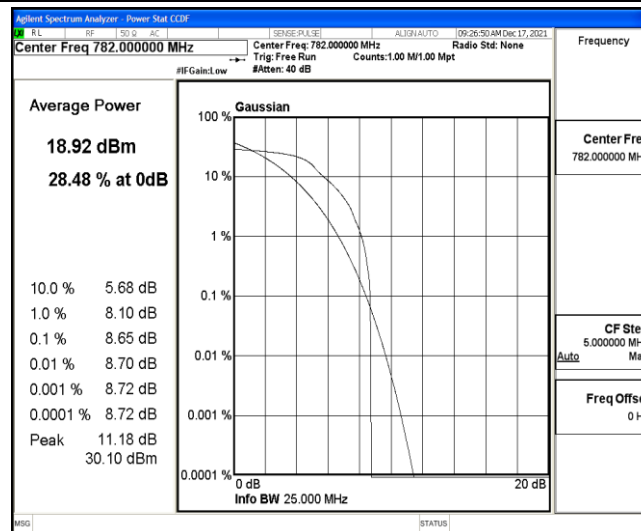
Test Graphs



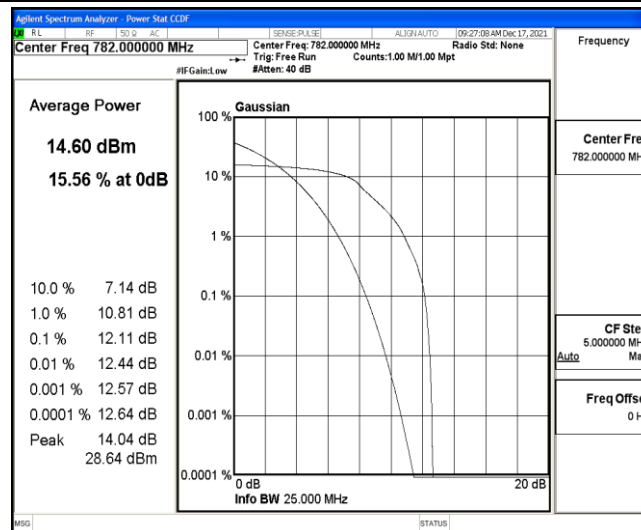
Band13-5MHz-QPSK-23205-1-0-Low-9.40-13-PASS



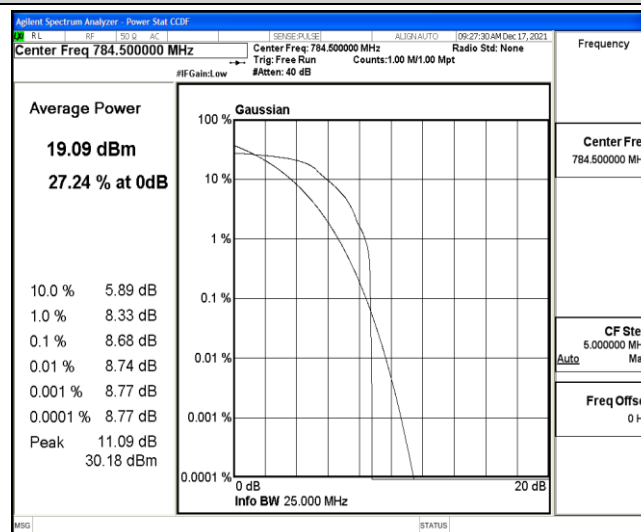
Band13-5MHz-QPSK-23205-6-0-Low-9.59-13-PASS



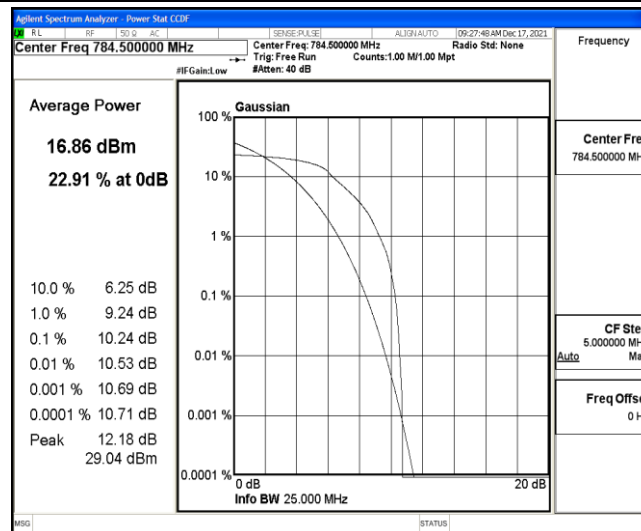
Band13-5MHz-QPSK-23230-1-0-Low-8.65-<=13-PASS



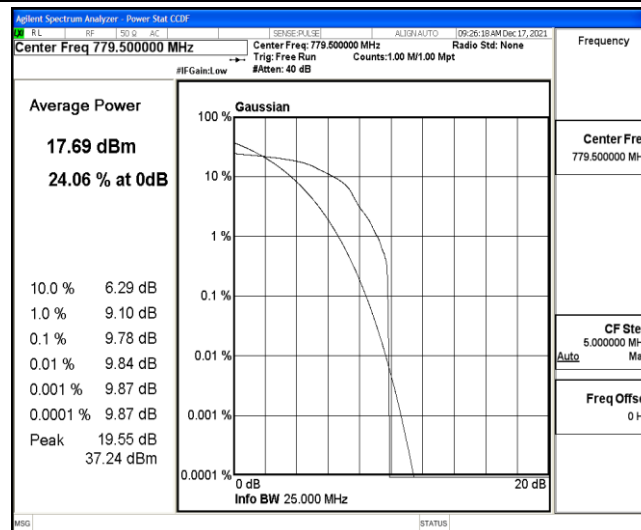
Band13-5MHz-QPSK-23230-6-0-Low-12.11-<=13-PASS



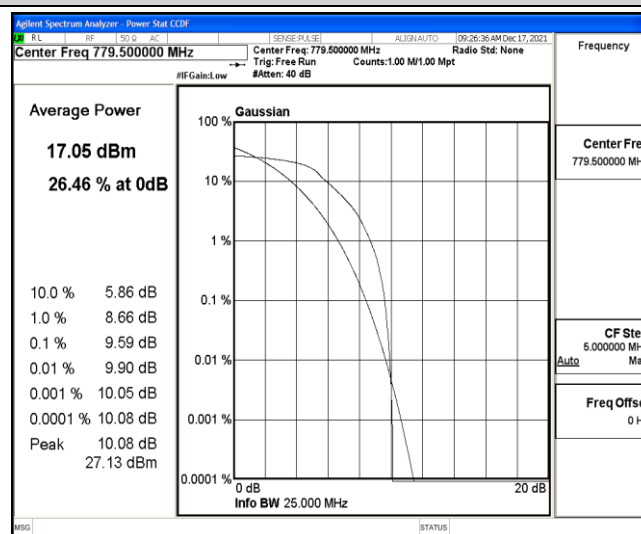
Band13-5MHz-QPSK-23255-1-0-High-8.68-<=13-PASS



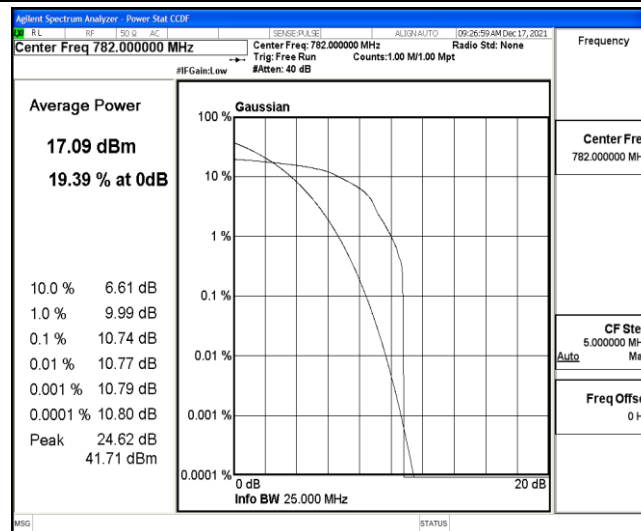
Band13-5MHz-QPSK-23255-6-0-High-10.24-<=13-PASS



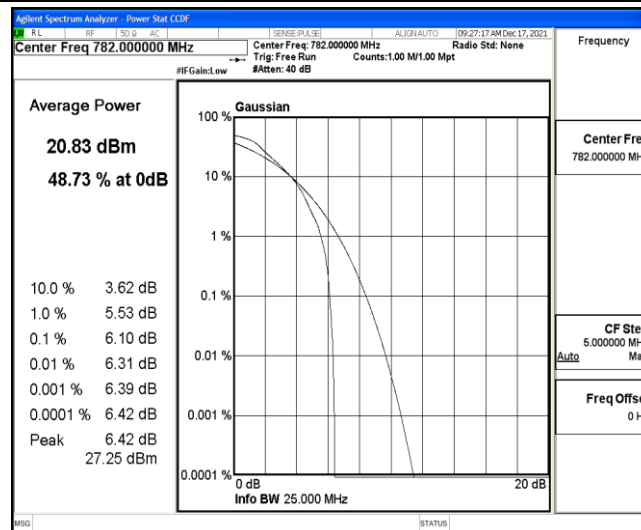
Band13-5MHz-16QAM-23205-1-0-Low-9.78-<=13-PASS



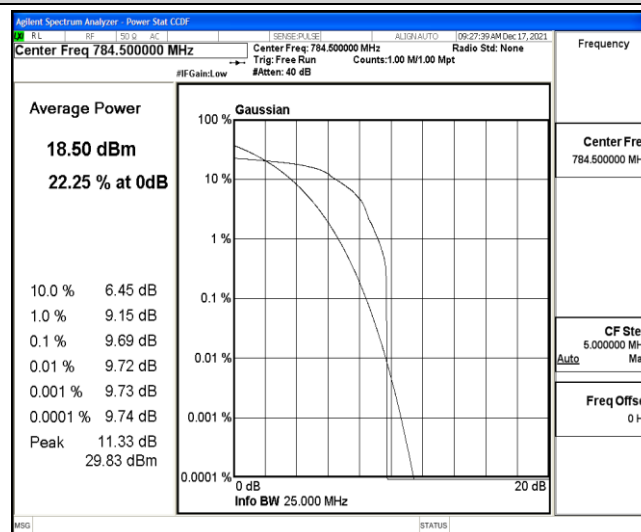
Band13-5MHz-16QAM-23205-6-0-Low-9.59-<=13-PASS



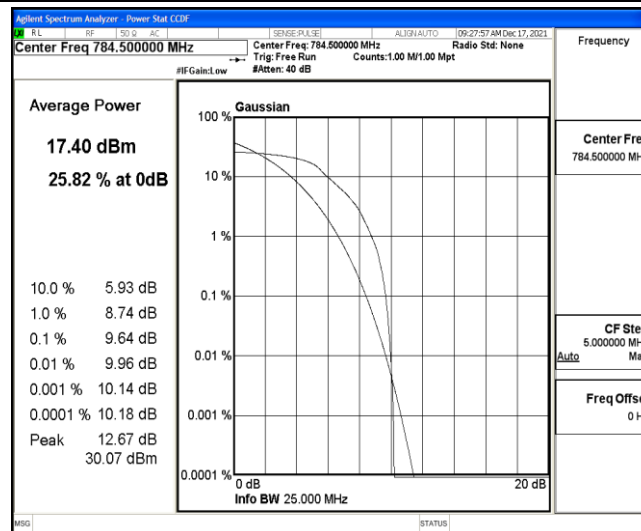
Band13-5MHz-16QAM-23230-1-0-Low-10.74-<=13-PASS



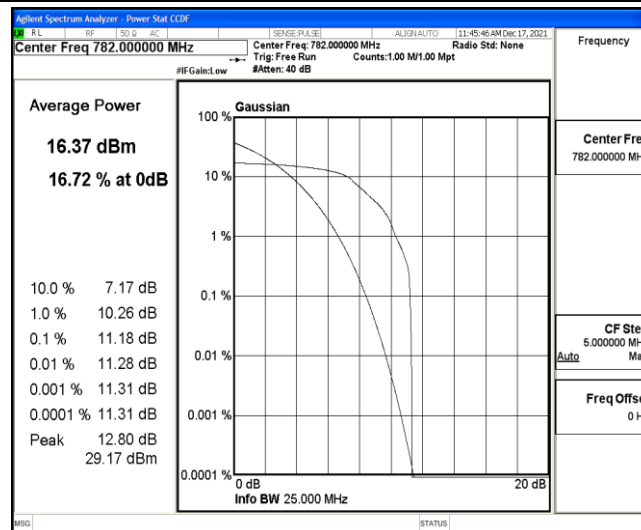
Band13-5MHz-16QAM-23230-6-0-Low-6.10-<=13-PASS



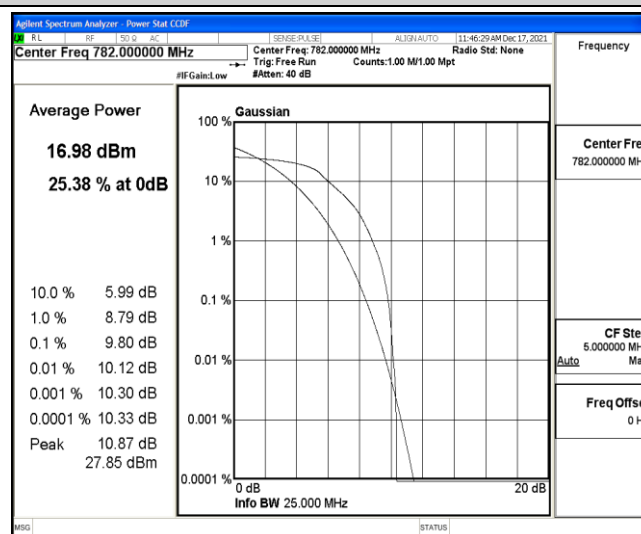
Band13-5MHz-16QAM-23255-1-0-High-9.69-<=13-PASS



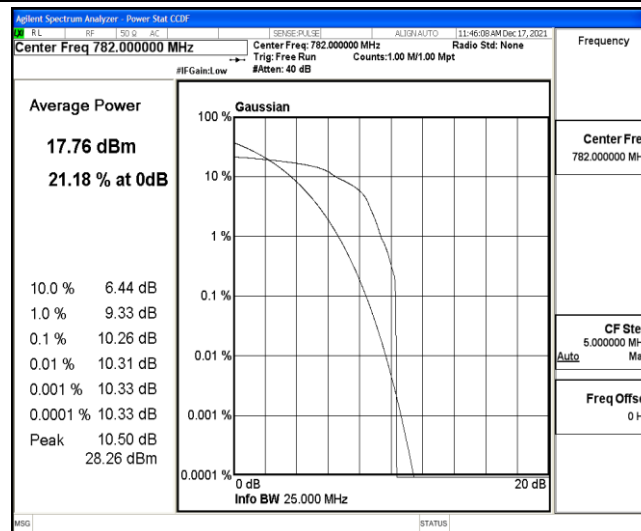
Band13-5MHz-16QAM-23255-6-0-High-9.64-<=13-PASS



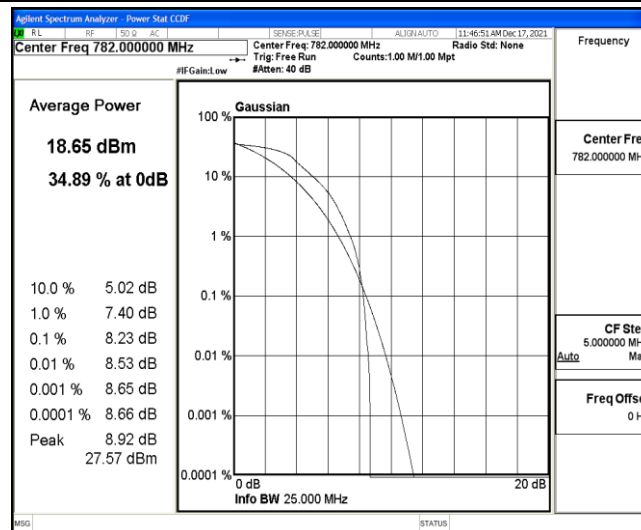
Band13-10MHz-QPSK-23230-1-0-Low-11.18-<=13-PASS



Band13-10MHz-QPSK-23230-6-0-Low-9.80-<=13-PASS



Band13-10MHz-16QAM-23230-1-0-Low-10.26-<=13-PASS



Band13-10MHz-16QAM-23230-6-0-Low-8.23-<=13-PASS



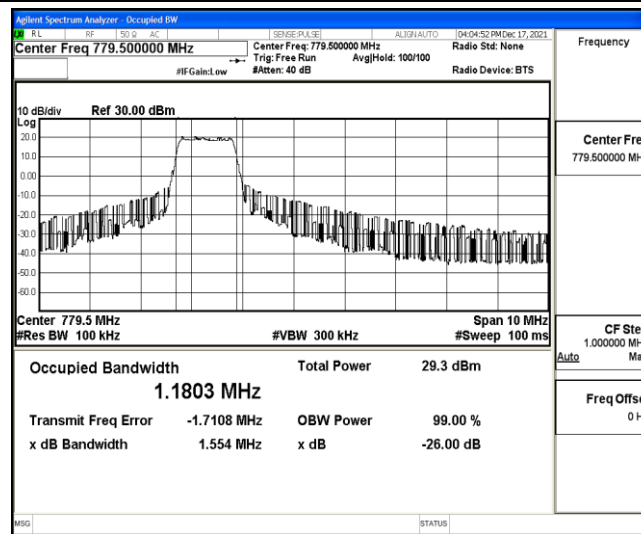
E.3 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

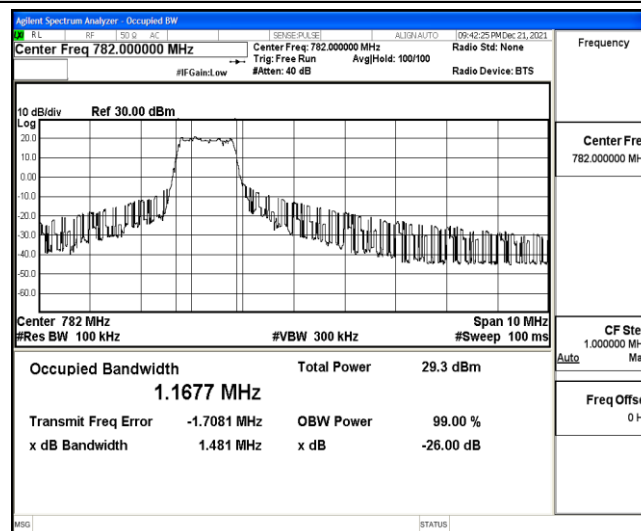
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	1.1803	1.554	PASS
Band13	5MHz	23230	QPSK	6	0	Low	1.1677	1.481	PASS
Band13	5MHz	23255	QPSK	6	0	High	1.1899	1.423	PASS
Band13	5MHz	23205	16QAM	6	0	Low	1.1785	1.640	PASS
Band13	5MHz	23230	16QAM	6	0	Low	1.1828	1.532	PASS
Band13	5MHz	23255	16QAM	6	0	High	1.1794	1.443	PASS
Band13	10MHz	23230	QPSK	6	0	Low	1.3437	1.952	PASS
Band13	10MHz	23230	16QAM	6	0	Low	1.3538	2.055	PASS



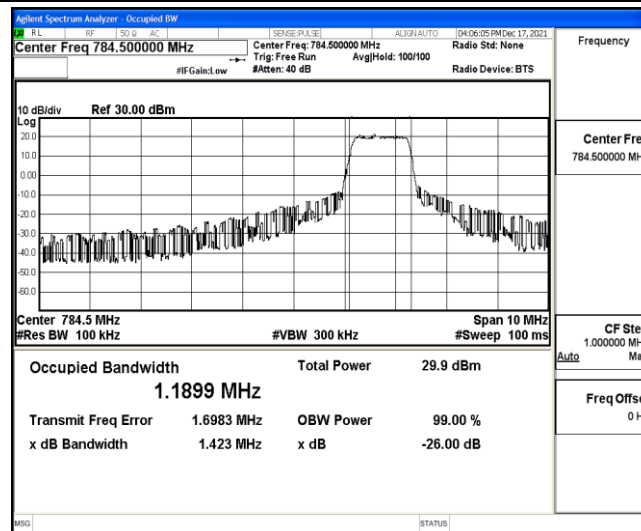
Test Graphs



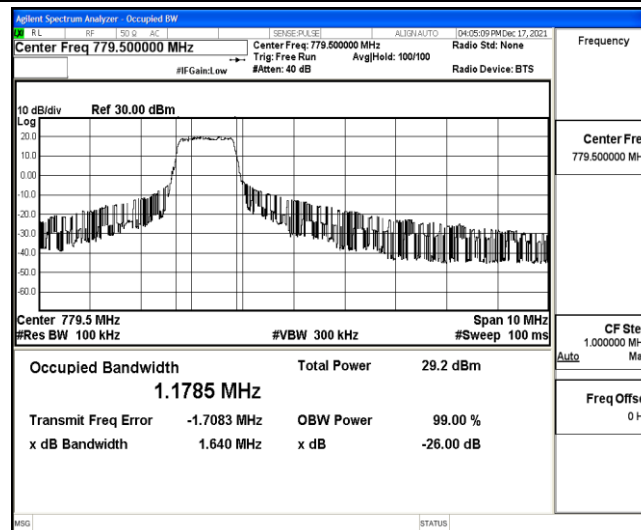
Band13-5MHz-QPSK-23205-6-0-Low-1.1803-1.554-PASS



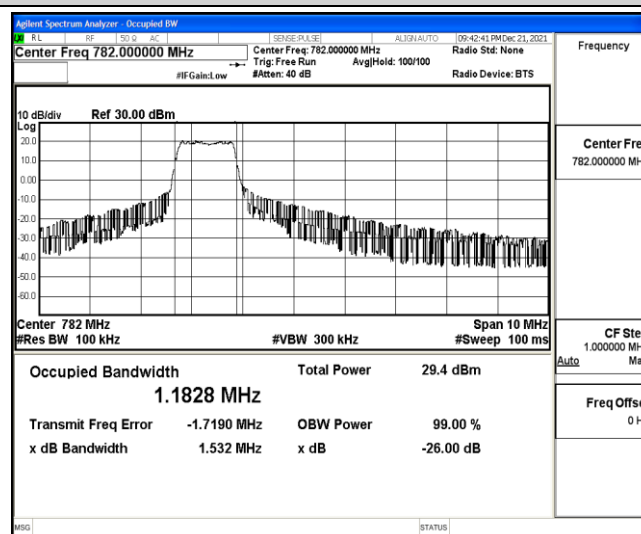
Band13-5MHz-QPSK-23230-6-0-Low-1.1677-1.481-PASS



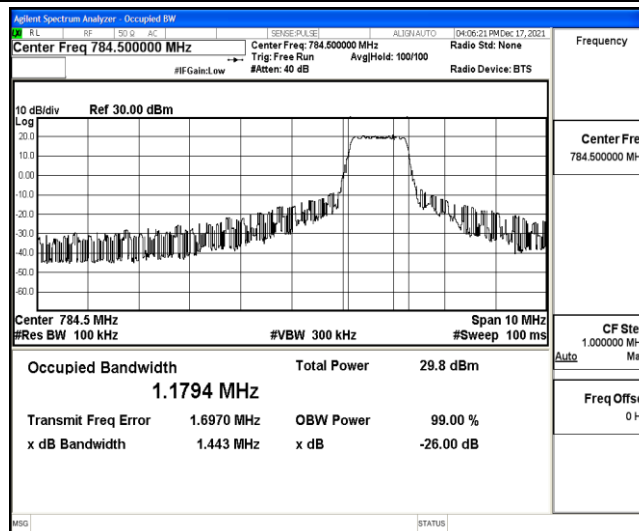
Band13-5MHz-QPSK-23255-6-0-High-1.1899-1.423-PASS



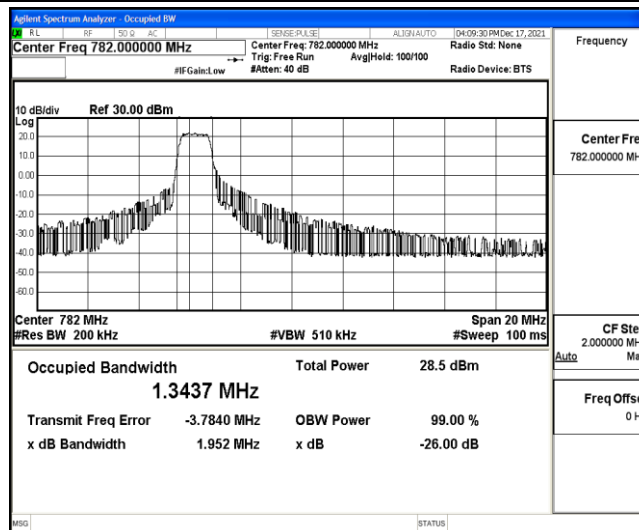
Band13-5MHz-16QAM-23205-6-0-Low-1.1785-1.640-PASS



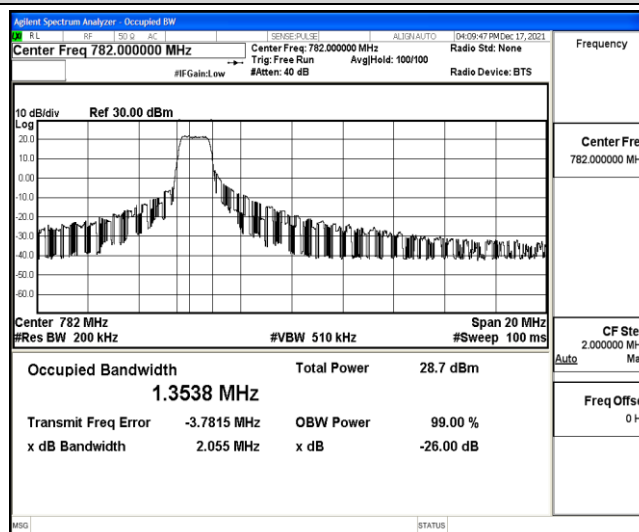
Band13-5MHz-16QAM-23230-6-0-Low-1.1828-1.532-PASS



Band13-5MHz-16QAM-23255-6-0-High-1.1794-1.443-PASS



Band13-10MHz-QPSK-23230-6-0-Low-1.3437-1.952-PASS



Band13-10MHz-16QAM-23230-6-0-Low-1.3538-2.055-PASS

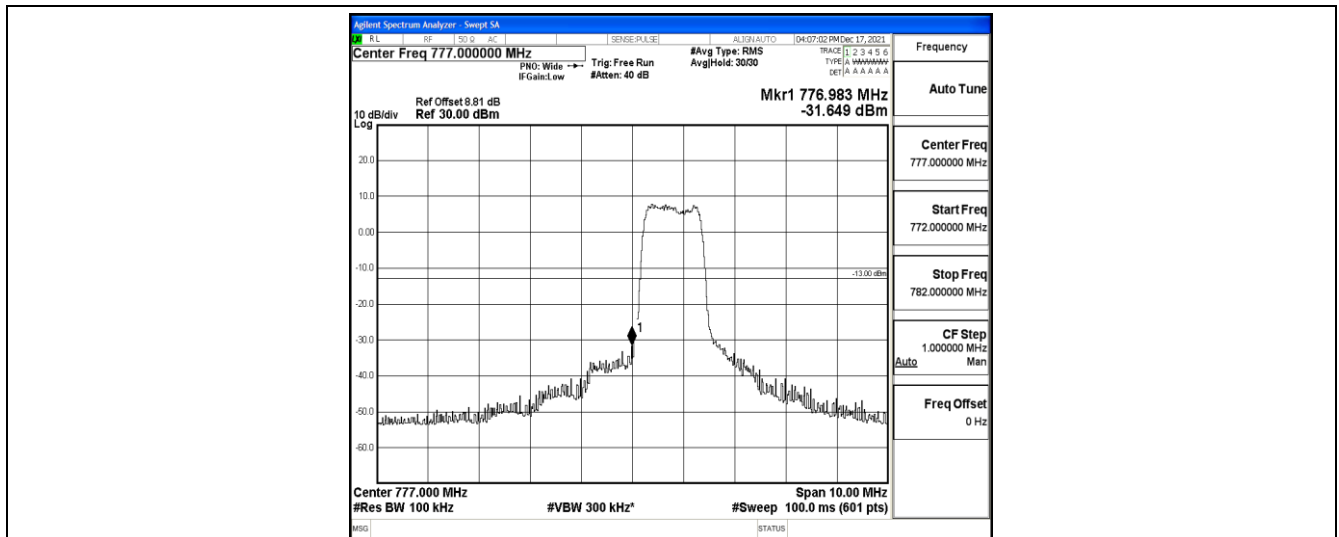


E.4 Band Edge for M1

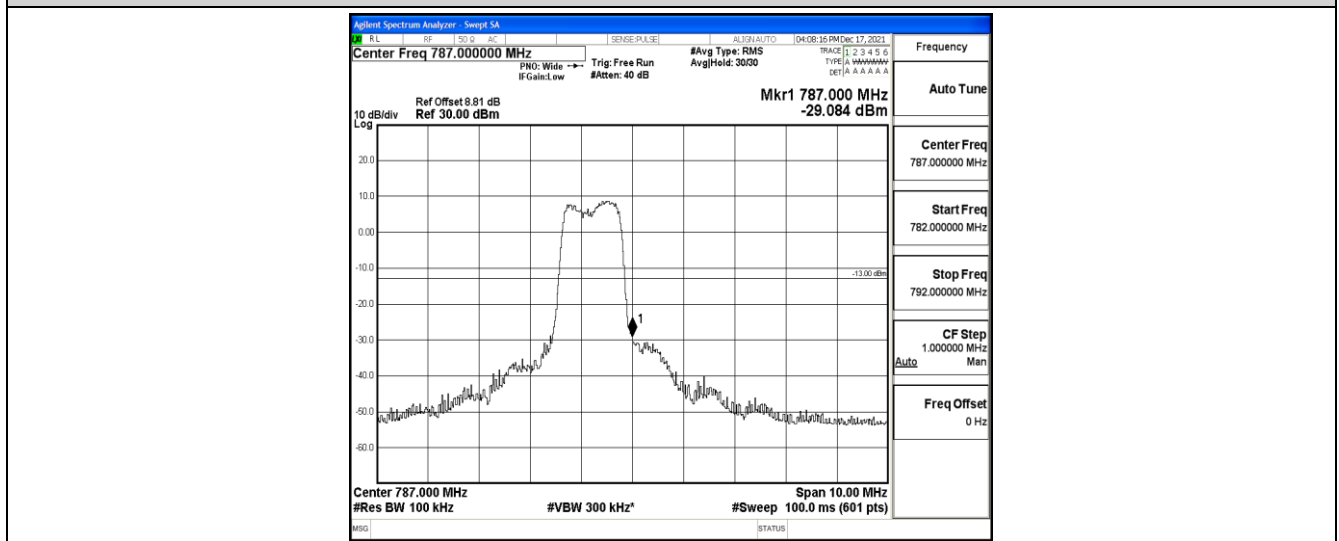
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	-31.65	PASS
Band13	5MHz	23255	QPSK	6	0	High	-29.08	PASS
Band13	5MHz	23205	16QAM	6	0	Low	-31.85	PASS
Band13	5MHz	23255	16QAM	6	0	High	-27.20	PASS
Band13	10MHz	23230	16QAM	6	0	Low	-40.42, -52.59	PASS
Band13	10MHz	23230	16QAM	6	0	High	-37.75, -53.08	PASS

Test Graphs

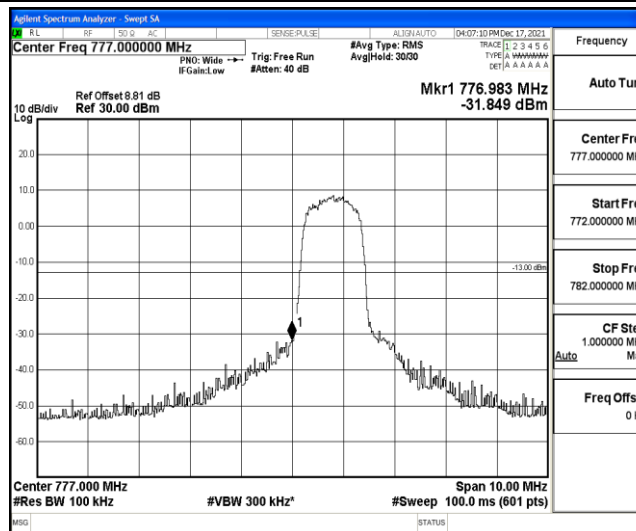


Band13-5MHz-QPSK-23205-6-0-Low--31.65-PASS

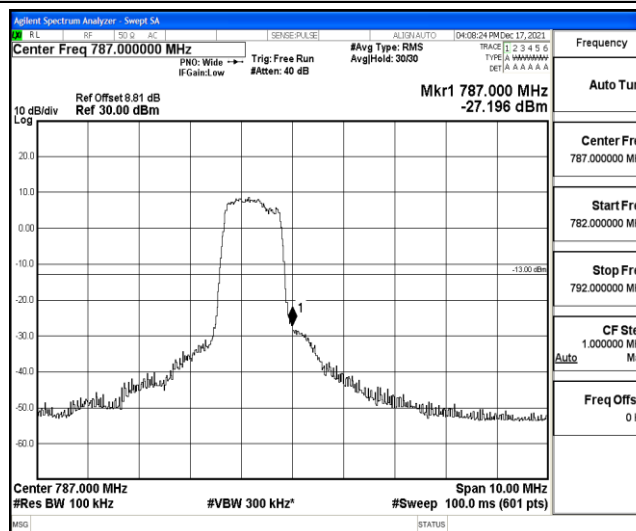




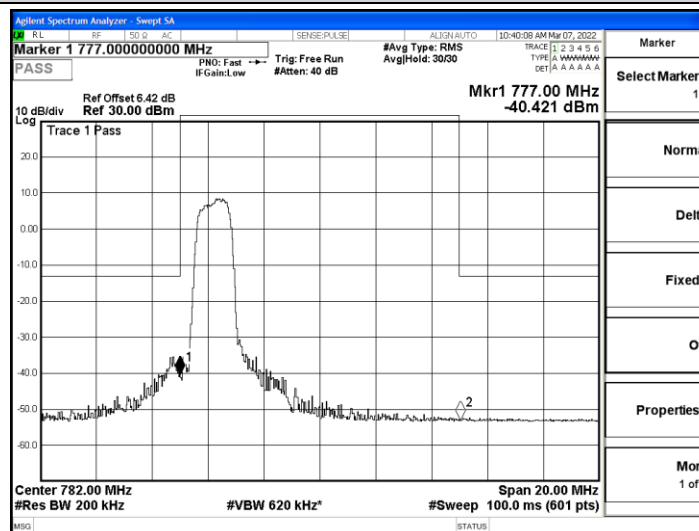
Band13-5MHz-QPSK-23255-6-0-High--29.08-PASS



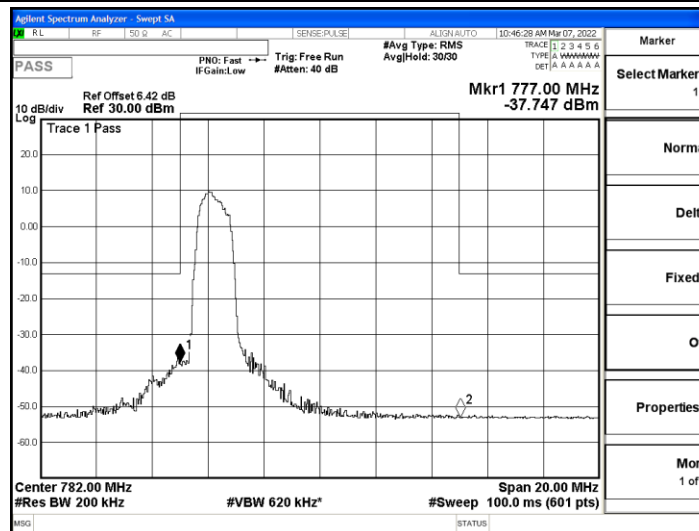
Band13-5MHz-16QAM-23205-6-0-Low--31.85-PASS



Band13-5MHz-16QAM-23255-6-0-High--27.20-PASS

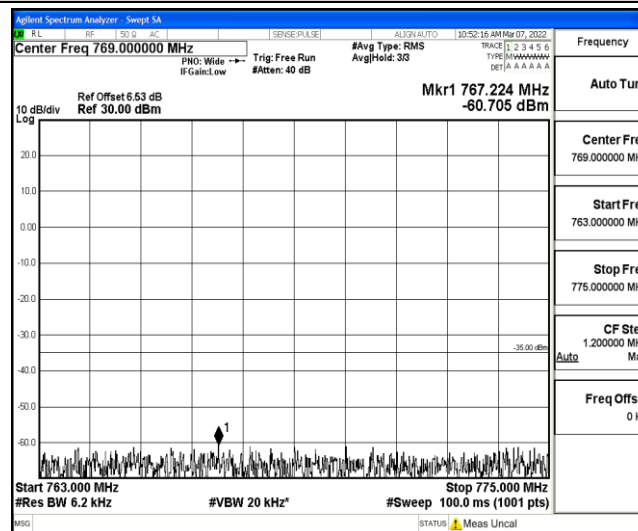


Band13-10MHz-QPSK-23230

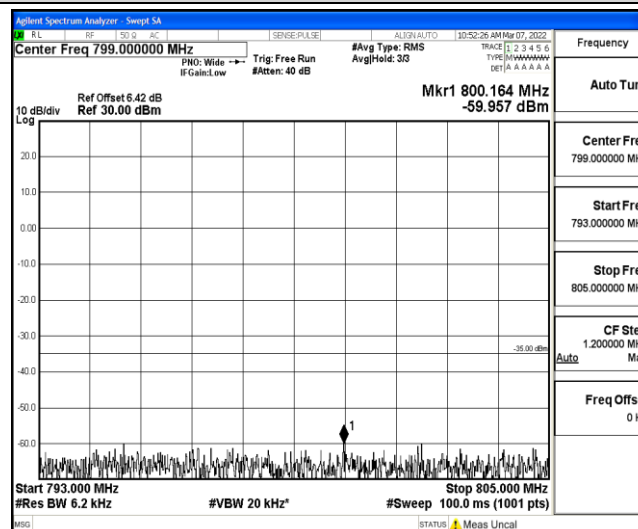


Band13-10MHz-16QAM-23230

Band13-5MHz-QPSK-23205:763~775MHz

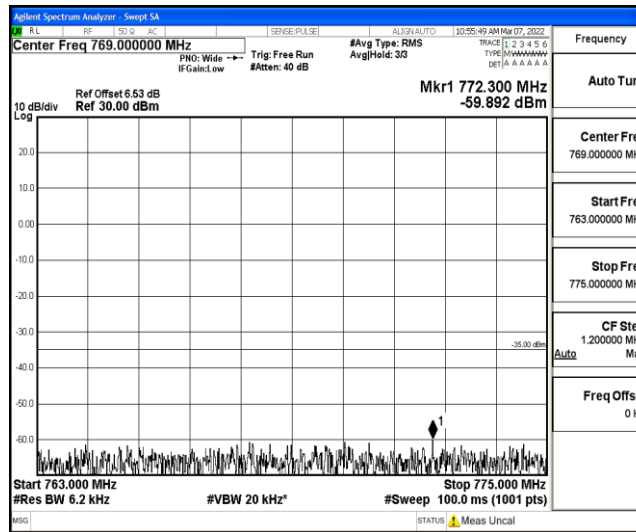


Band13-5MHz-QPSK-23205:793~805MHz

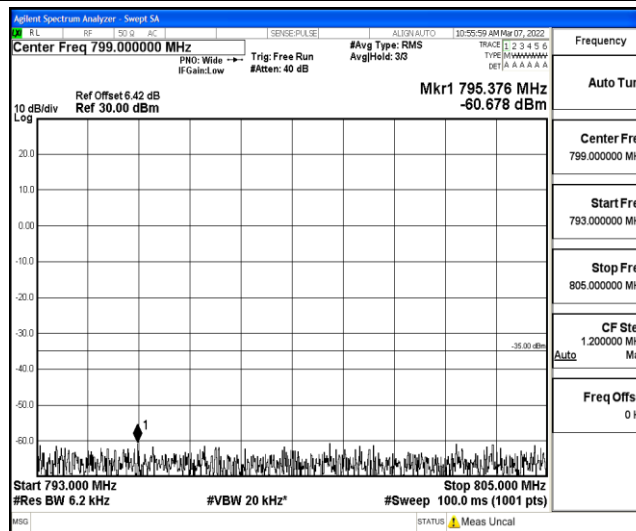




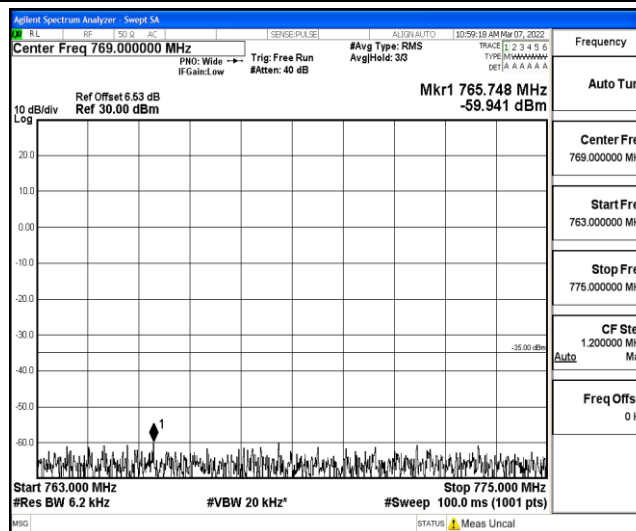
Band13-5MHz-QPSK-23230:763~775MHz



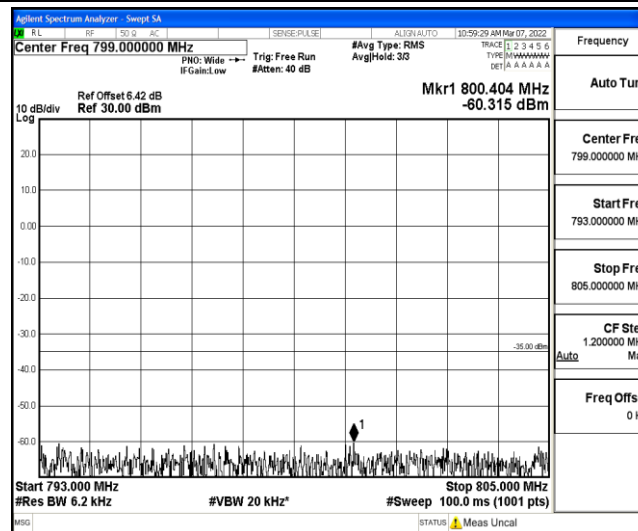
Band13-5MHz-QPSK-23230:793~805MHz



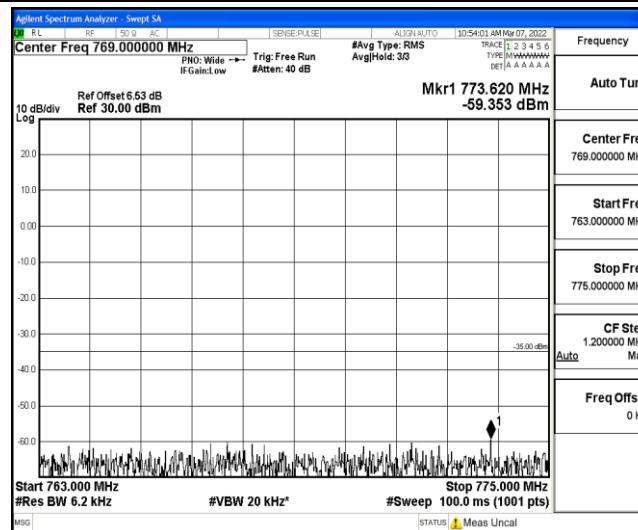
Band13-5MHz-QPSK-23255:763~775MHz



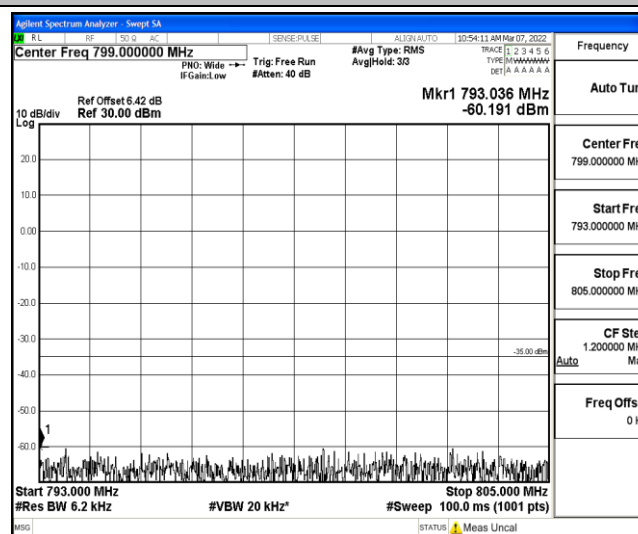
Band13-5MHz-QPSK-23255:793~805MHz



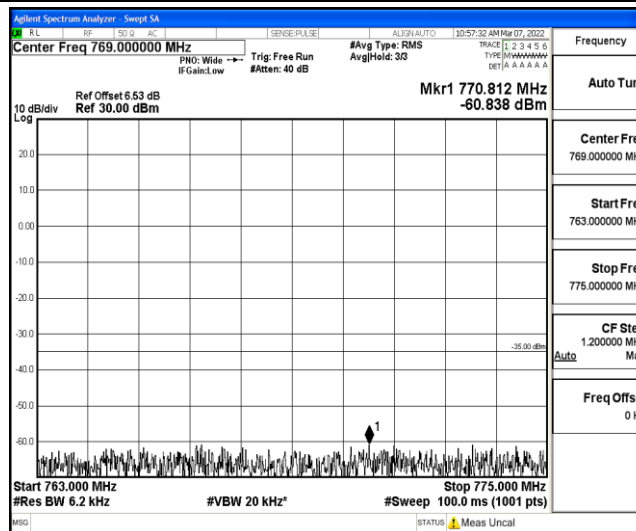
Band13-5MHz-16QAM-23205:763~775MHz



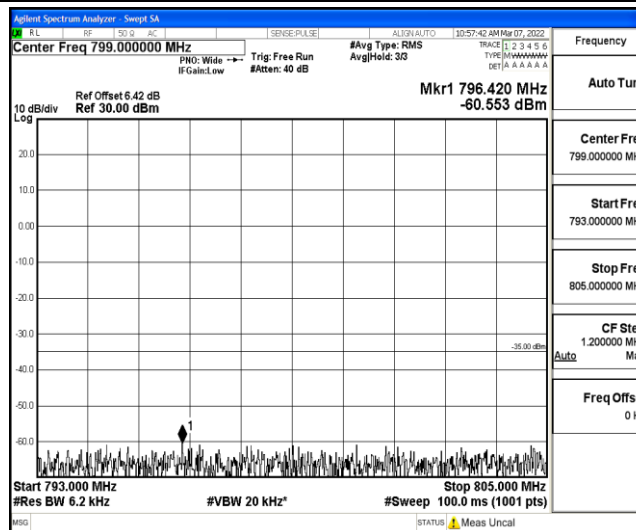
Band13-5MHz-16QAM-23205:793~805MHz



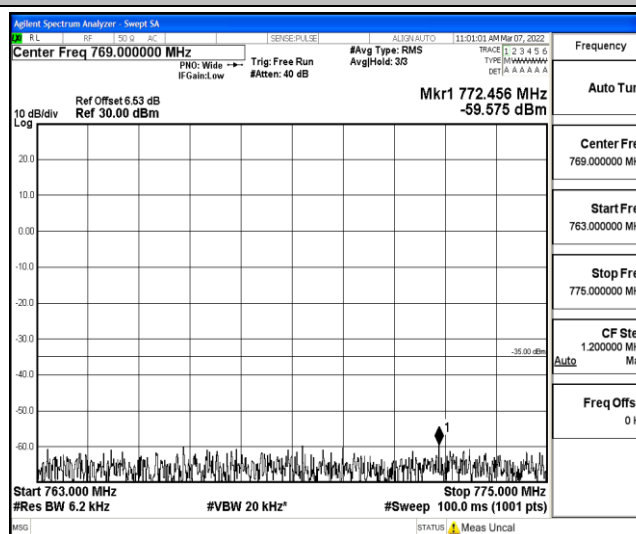
Band13-5MHz-16QAM-23230:763~775MHz



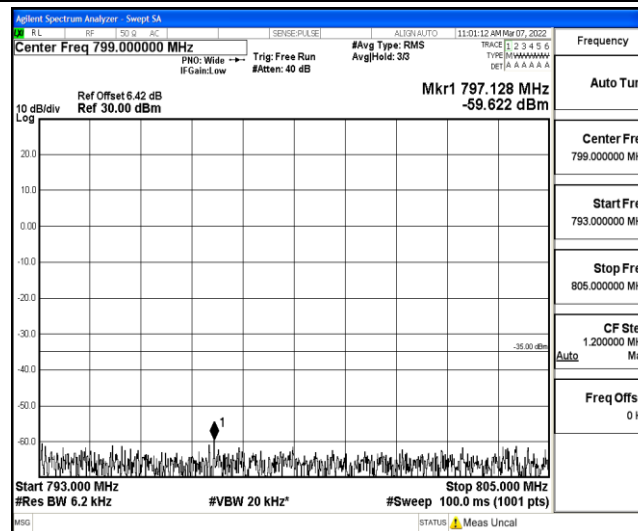
Band13-5MHz-16QAM-23230:793~805MHz



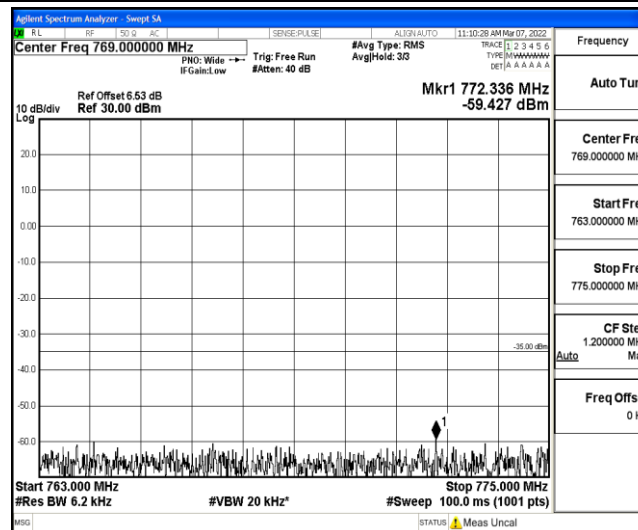
Band13-5MHz-16QAM-23255:763~775MHz



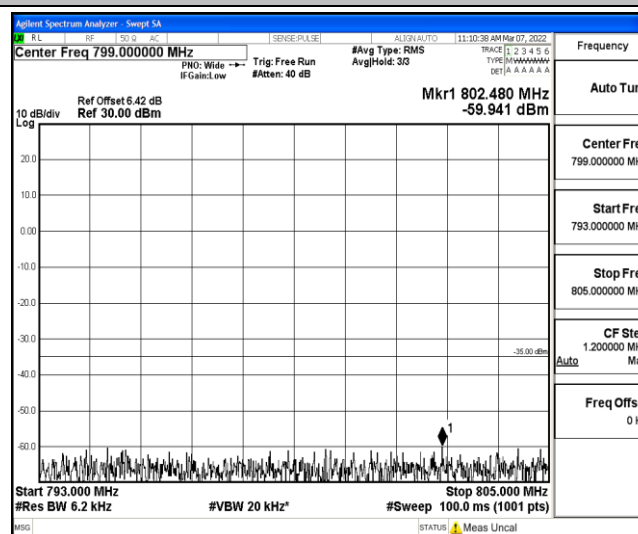
Band13-5MHz-16QAM-23255:793~805MHz



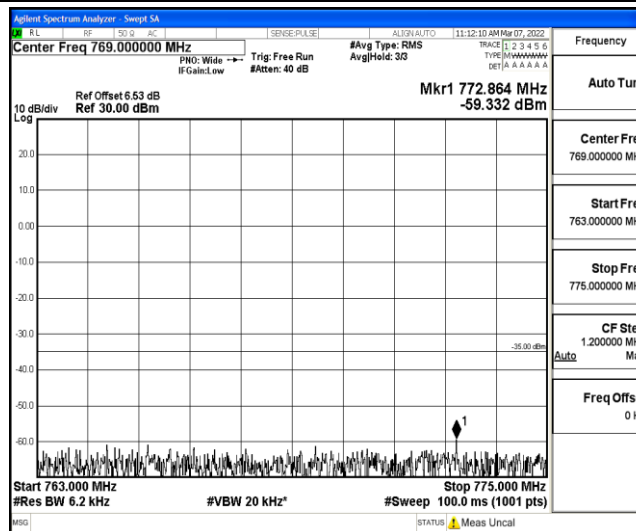
Band13-10MHz-QPSK-23230:763~775MHz



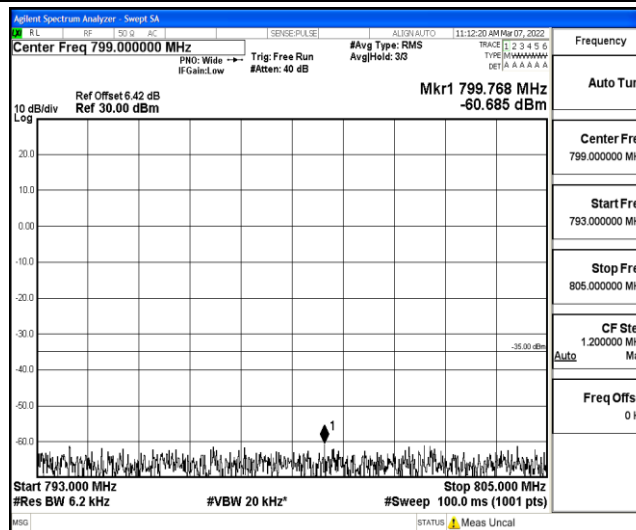
Band13-10MHz-QPSK-23230:793~805MHz



Band13-10MHz-16QAM-23230:763~775MHz



Band13-10MHz-16QAM-23230:793~805MHz





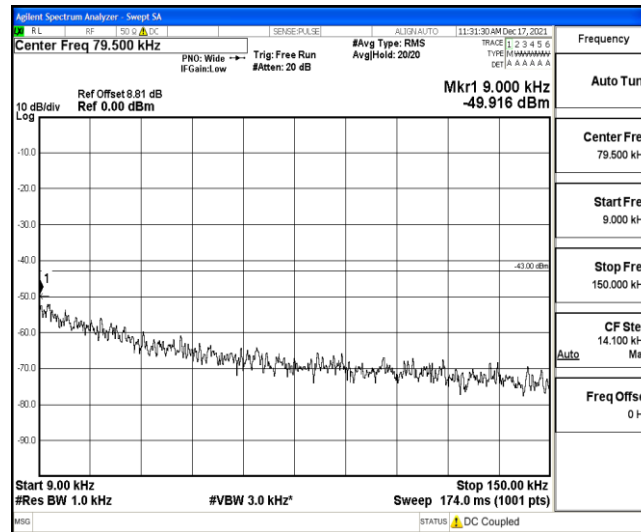
E.5 Conducted Spurious Emission for M1

Test Result

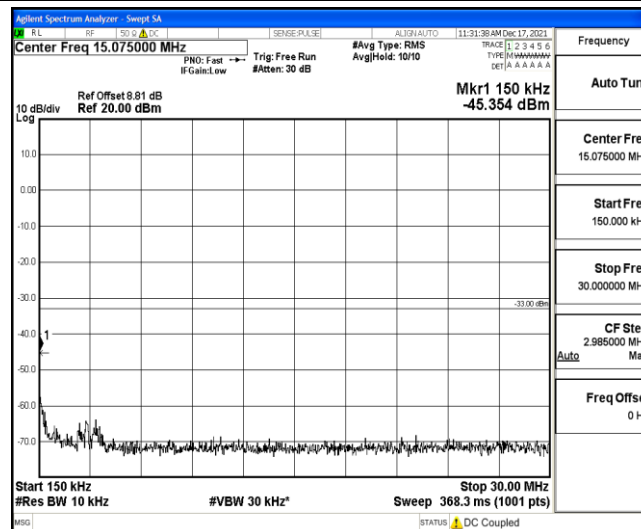
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	0.009	0.15	-49.92	PASS
Band13	5MHz	23205	QPSK	1	0	Low	0.15	30	-45.35	PASS
Band13	5MHz	23205	QPSK	1	0	Low	30	1000	-37.01	PASS
Band13	5MHz	23205	QPSK	1	0	Low	1000	10000	-41.97	PASS
Band13	5MHz	23230	QPSK	1	0	Low	0.009	0.15	-51.63	PASS
Band13	5MHz	23230	QPSK	1	0	Low	0.15	30	-45.98	PASS
Band13	5MHz	23230	QPSK	1	0	Low	30	1000	-37.26	PASS
Band13	5MHz	23230	QPSK	1	0	Low	1000	10000	-42.39	PASS
Band13	5MHz	23255	QPSK	1	0	High	0.009	0.15	-50.06	PASS
Band13	5MHz	23255	QPSK	1	0	High	0.15	30	-45.97	PASS
Band13	5MHz	23255	QPSK	1	0	High	30	1000	-37.42	PASS
Band13	5MHz	23255	QPSK	1	0	High	1000	10000	-42.43	PASS
Band13	5MHz	23205	16QAM	1	0	Low	0.009	0.15	-51.63	PASS
Band13	5MHz	23205	16QAM	1	0	Low	0.15	30	-46.95	PASS
Band13	5MHz	23205	16QAM	1	0	Low	30	1000	-37.2	PASS
Band13	5MHz	23205	16QAM	1	0	Low	1000	10000	-41.76	PASS
Band13	5MHz	23230	16QAM	1	0	Low	0.009	0.15	-51.07	PASS
Band13	5MHz	23230	16QAM	1	0	Low	0.15	30	-45.64	PASS
Band13	5MHz	23230	16QAM	1	0	Low	30	1000	-37.03	PASS
Band13	5MHz	23230	16QAM	1	0	Low	1000	10000	-42.34	PASS
Band13	5MHz	23255	16QAM	1	0	High	0.009	0.15	-51.47	PASS
Band13	5MHz	23255	16QAM	1	0	High	0.15	30	-45.27	PASS
Band13	5MHz	23255	16QAM	1	0	High	30	1000	-37.4	PASS
Band13	5MHz	23255	16QAM	1	0	High	1000	10000	-42.35	PASS



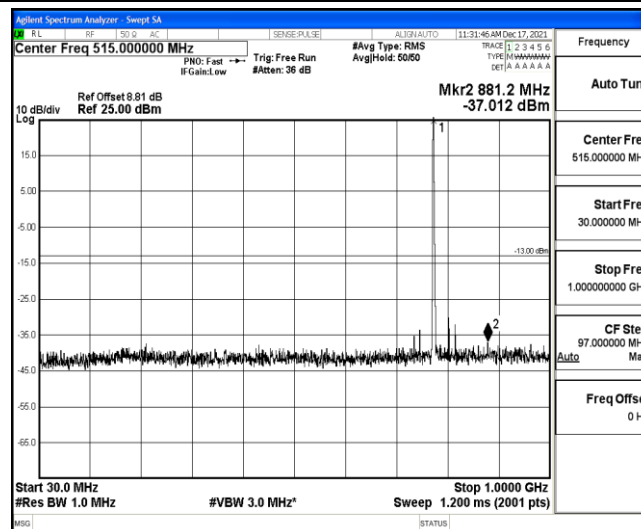
Test Graphs



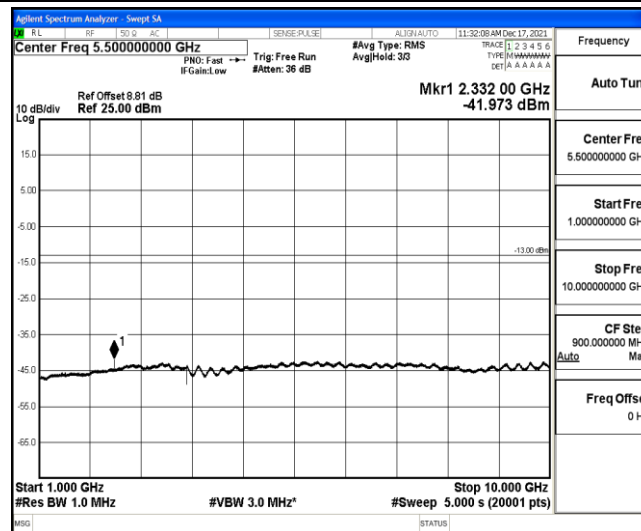
Band13-5MHz-QPSK-23205-1-0-Low-0.009-0.15--49.92-PASS



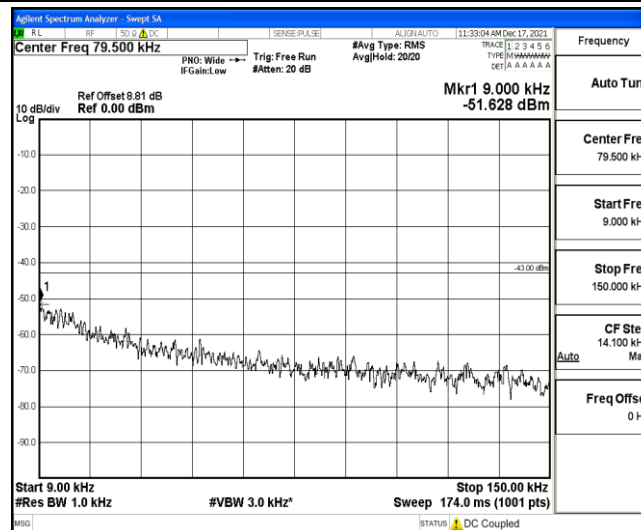
Band13-5MHz-QPSK-23205-1-0-Low-0.15-30--45.35-PASS



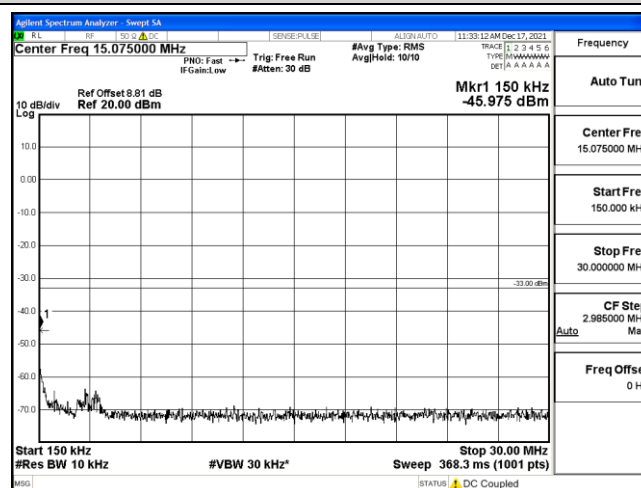
Band13-5MHz-QPSK-23205-1-0-Low-30-1000--37.01-PASS



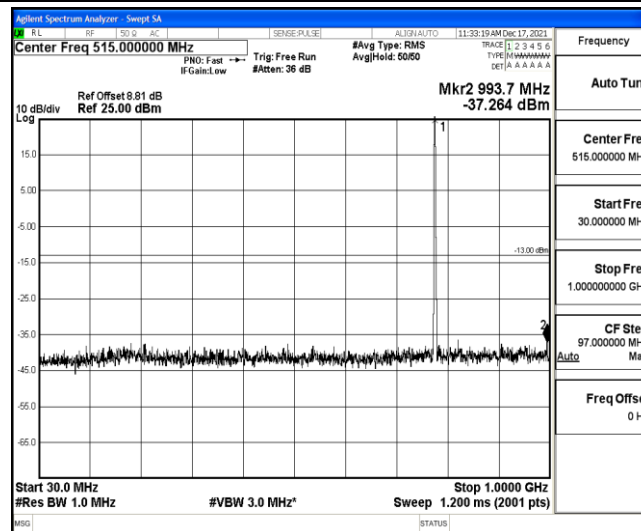
Band13-5MHz-QPSK-23205-1-0-Low-1000-10000--41.97-PASS



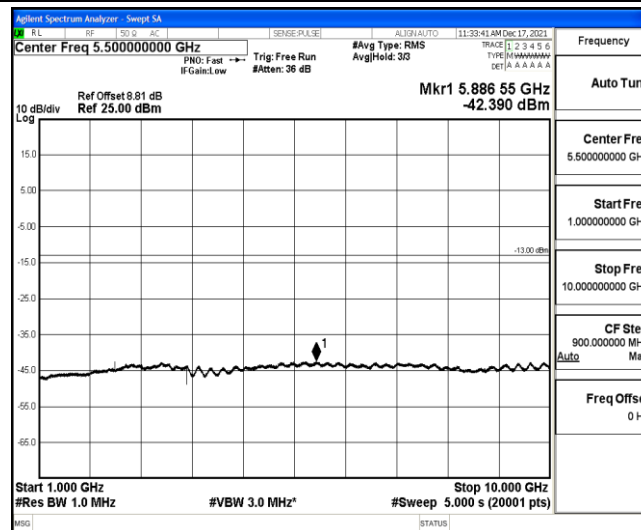
Band13-5MHz-QPSK-23230-1-0-Low-0.009-0.15--51.63-PASS



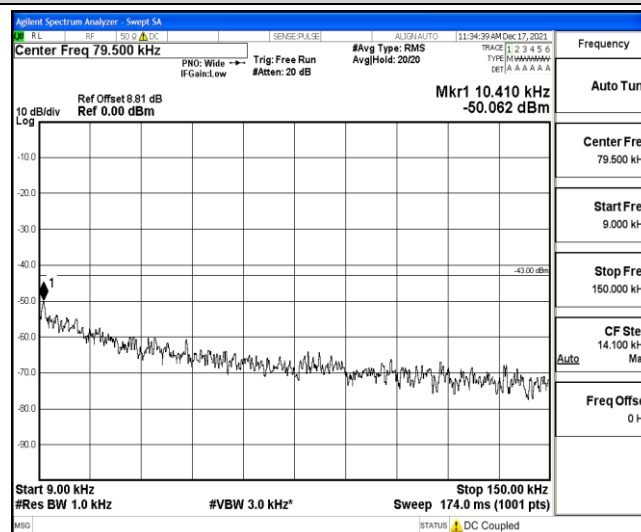
Band13-5MHz-QPSK-23230-1-0-Low-0.15-30--45.98-PASS



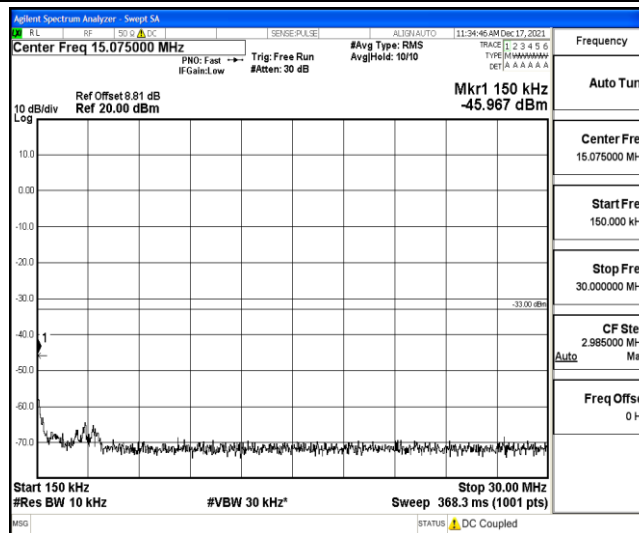
Band13-5MHz-QPSK-23230-1-0-Low-30-1000--37.26-PASS



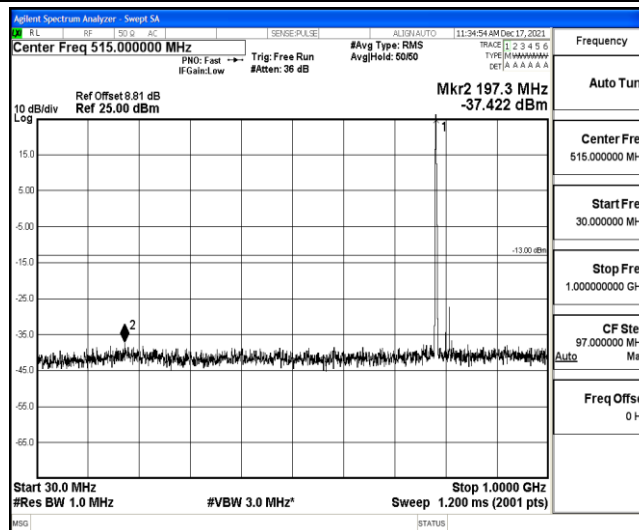
Band13-5MHz-QPSK-23230-1-0-Low-1000-10000--42.39-PASS



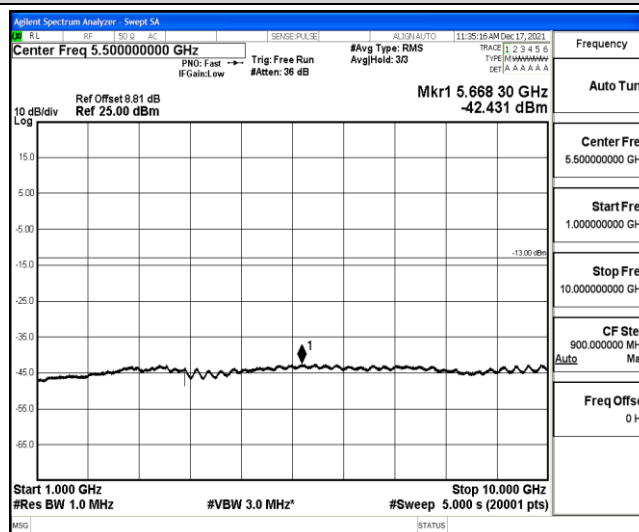
Band13-5MHz-QPSK-23255-1-0-High-0.009-0.15--50.06-PASS



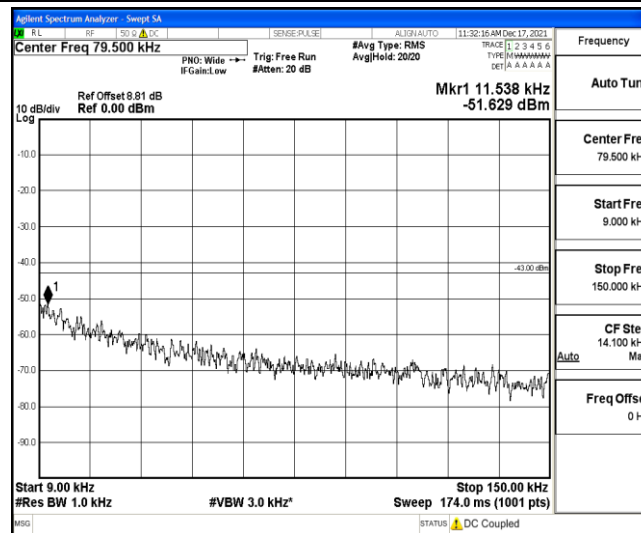
Band13-5MHz-QPSK-23255-1-0-High-0.15-30--45.97-PASS



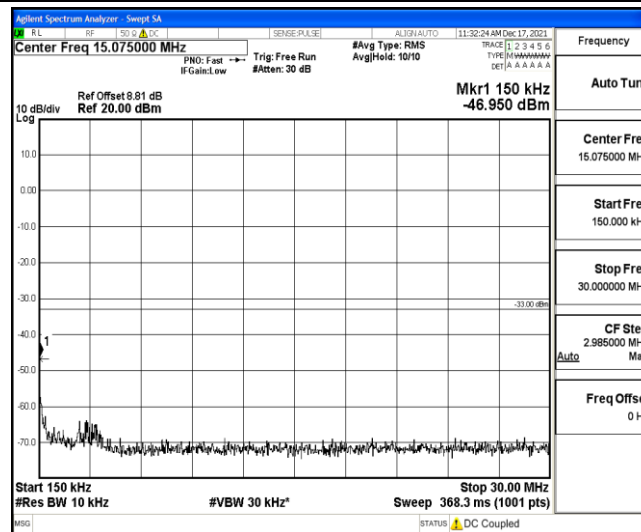
Band13-5MHz-QPSK-23255-1-0-High-30-1000--37.42-PASS



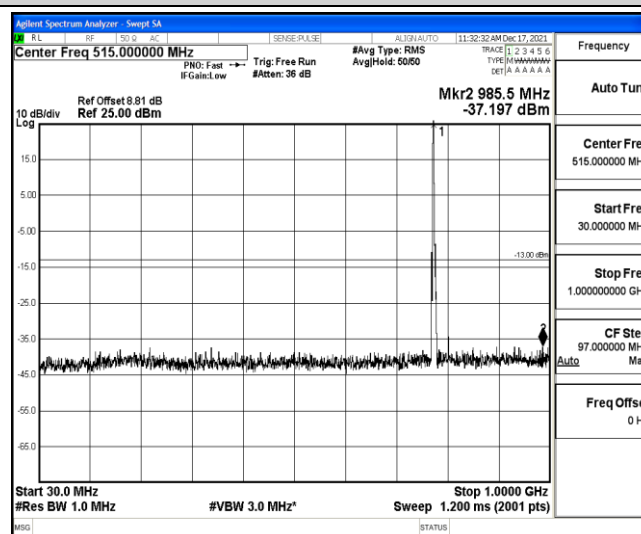
Band13-5MHz-QPSK-23255-1-0-High-1000-10000--42.43-PASS



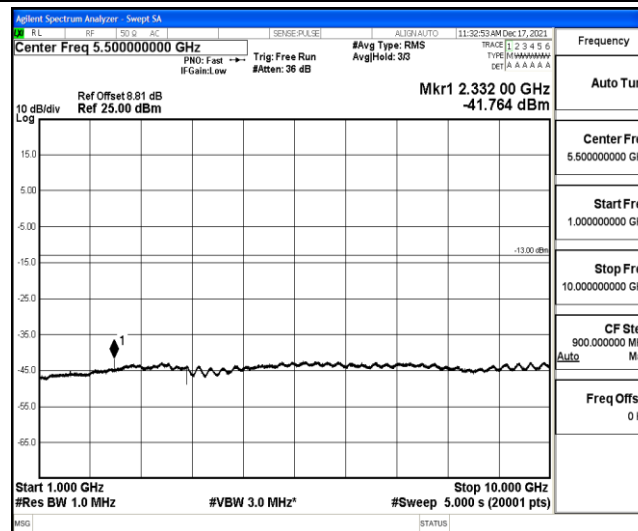
Band13-5MHz-16QAM-23205-1-0-Low-0.009-0.15--51.63-PASS



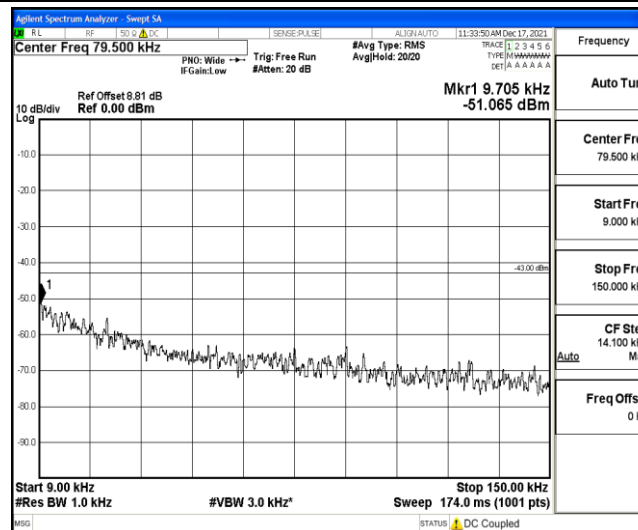
Band13-5MHz-16QAM-23205-1-0-Low-0.15-30--46.95-PASS



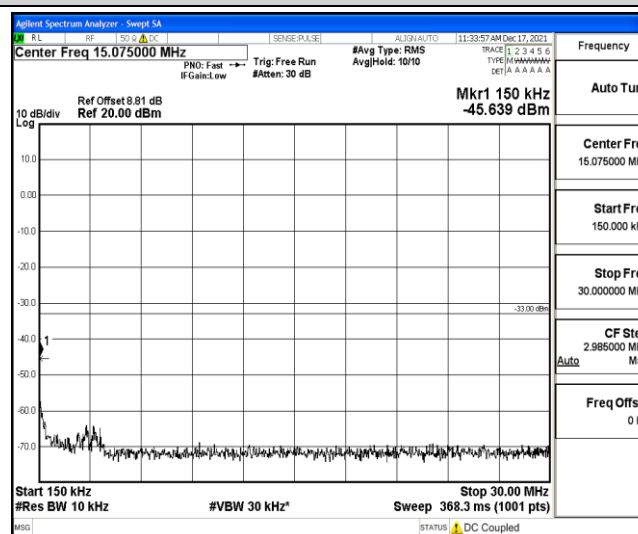
Band13-5MHz-16QAM-23205-1-0-Low-30-1000--37.2-PASS



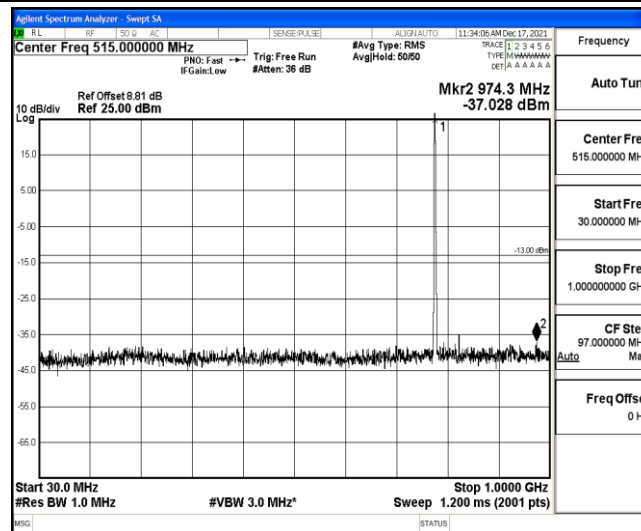
Band13-5MHz-16QAM-23205-1-0-Low-1000-10000--41.76-PASS



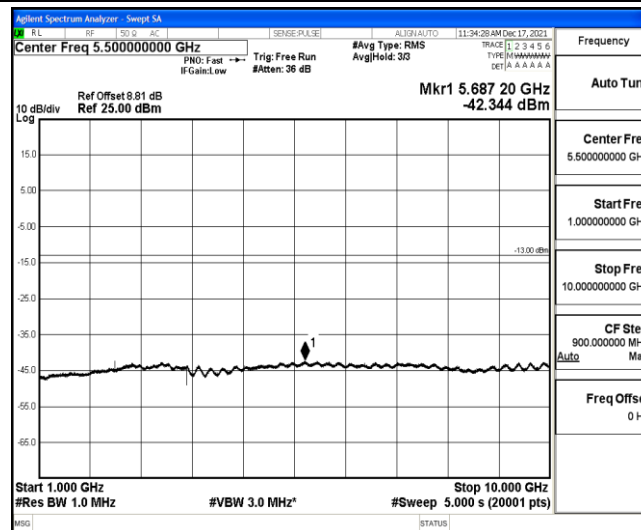
Band13-5MHz-16QAM-23230-1-0-Low-0.009-0.15--51.07-PASS



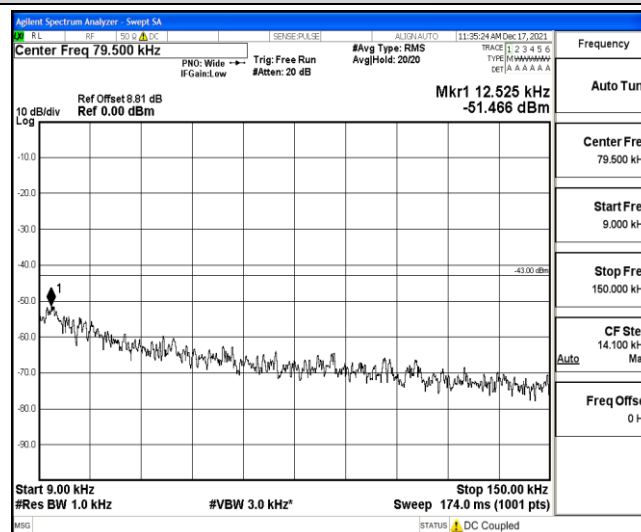
Band13-5MHz-16QAM-23230-1-0-Low-0.15-30--45.64-PASS



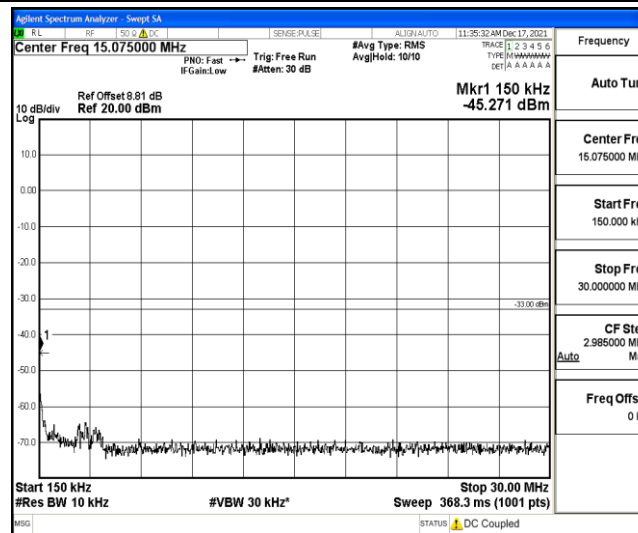
Band13-5MHz-16QAM-23230-1-0-Low-30-1000--37.03-PASS



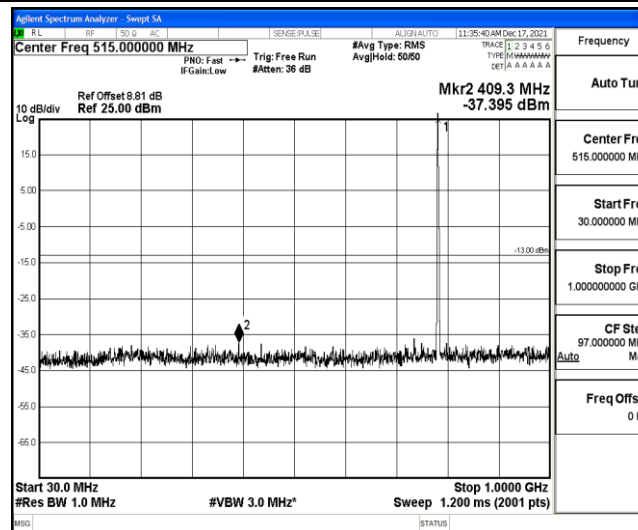
Band13-5MHz-16QAM-23230-1-0-Low-1000-10000--42.34-PASS



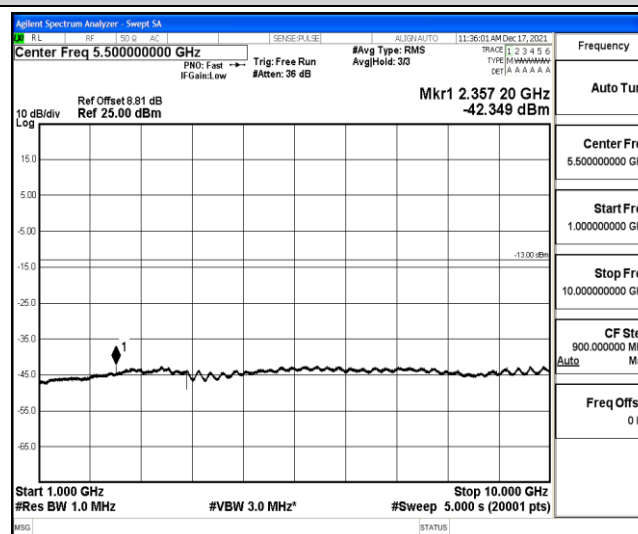
Band13-5MHz-16QAM-23255-1-0-High-0.009-0.15--51.47-PASS



Band13-5MHz-16QAM-23255-1-0-High-0.15-30--45.27-PASS



Band13-5MHz-16QAM-23255-1-0-High-30-1000--37.4-PASS



Band13-5MHz-16QAM-23255-1-0-High-1000-10000--42.35-PASS