



Appendix K: Test Data for E-UTRA Band 13

Product Name: TABLET

Test Model: TBA

Environmental Conditions

Temperature:	25° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



K.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.14	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.48	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.31	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.21	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.20	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.36	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.28	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.41	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.57	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.28	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.58	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.57	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.56	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.52	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.61	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.68	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.66	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.42	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.41	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.42	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.47	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.13	PASS
Band13	5MHz	16QAM	23205	1RB#12	20.92	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.26	PASS
Band13	5MHz	16QAM	23205	12RB#0	20.14	PASS
Band13	5MHz	16QAM	23205	12RB#6	20.23	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.37	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.32	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.32	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.43	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.25	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.38	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.49	PASS



Band13	5MHz	16QAM	23230	12RB#13	20.47	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.37	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.68	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.59	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.67	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.49	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.49	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.56	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.40	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.30	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.58	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.54	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.48	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.59	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.49	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.49	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.43	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.79	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.56	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.48	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.49	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.42	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.45	PASS



K.2 Peak-to-Average Ratio(CCDF)

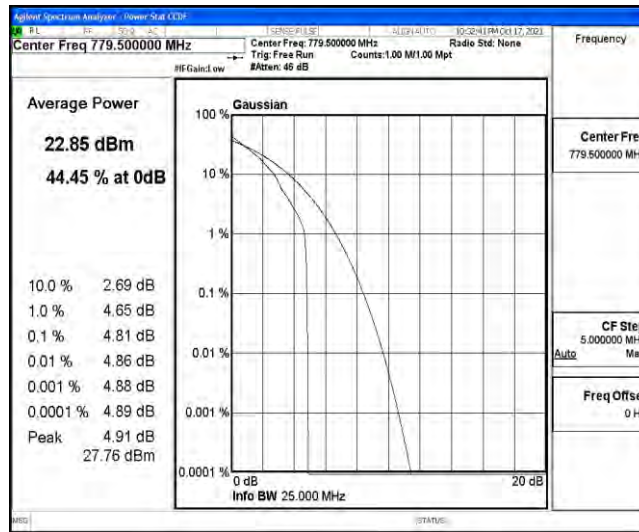
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.81	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.50	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.86	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.34	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.77	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.23	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.75	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.34	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.80	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.19	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.63	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.11	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.82	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.41	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.90	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.30	13	PASS

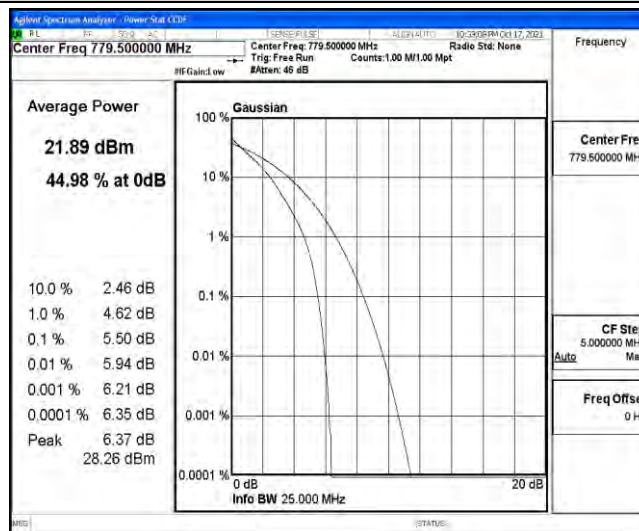


Test Graphs

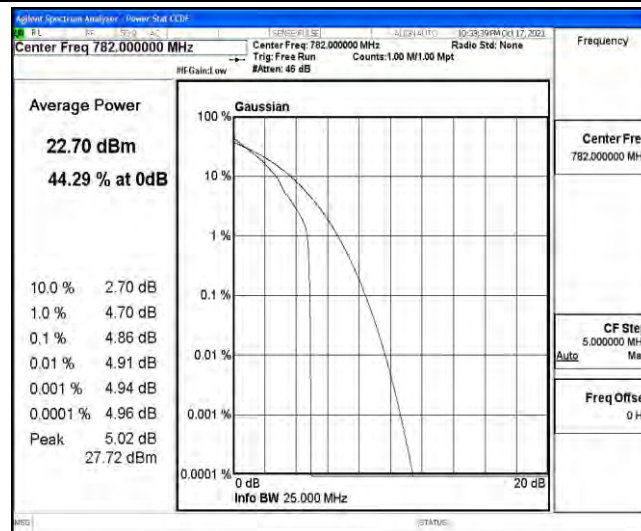
Band13-5MHz-QPSK-23205-1RB#0



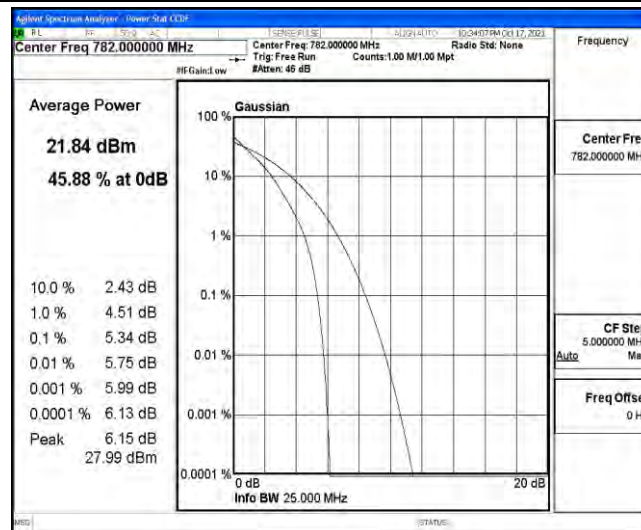
Band13-5MHz-QPSK-23205-25RB#0



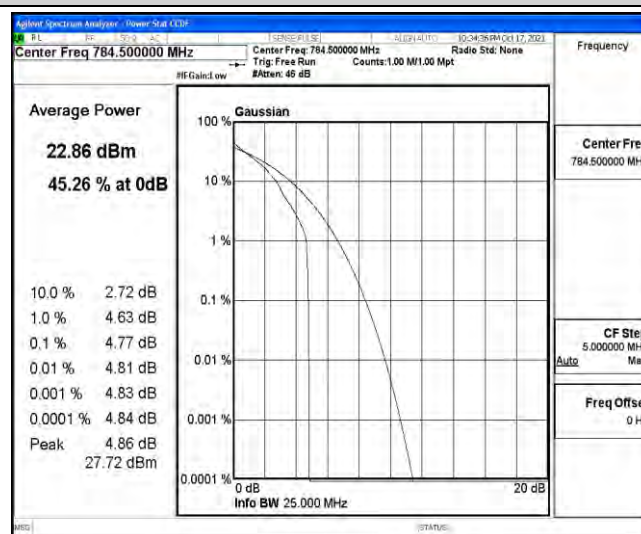
Band13-5MHz-QPSK-23230-1RB#0



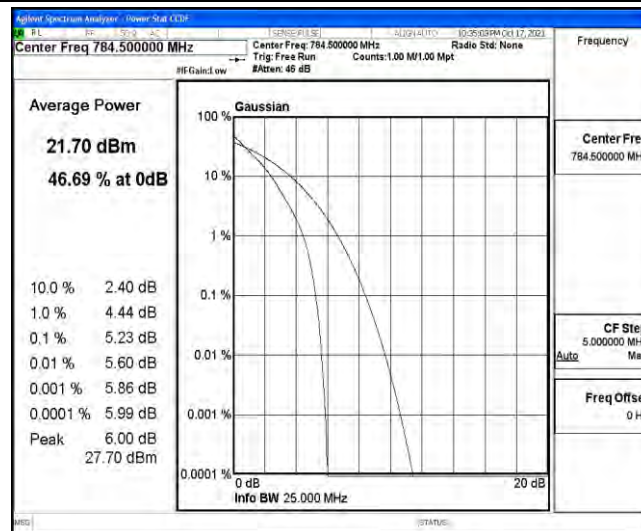
Band13-5MHz-QPSK-23230-25RB#0



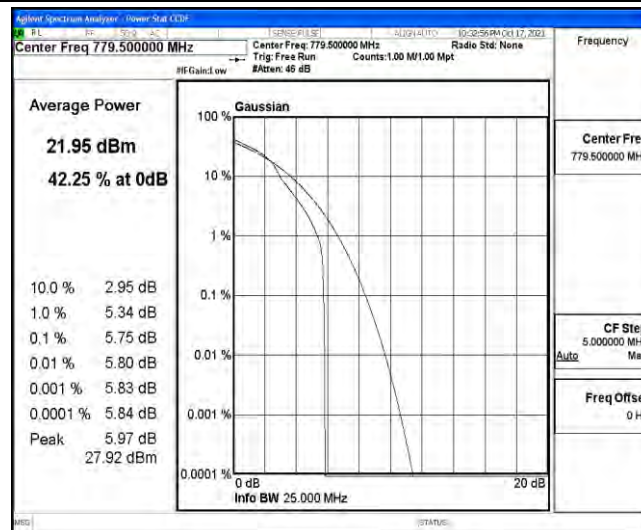
Band13-5MHz-QPSK-23255-1RB#0



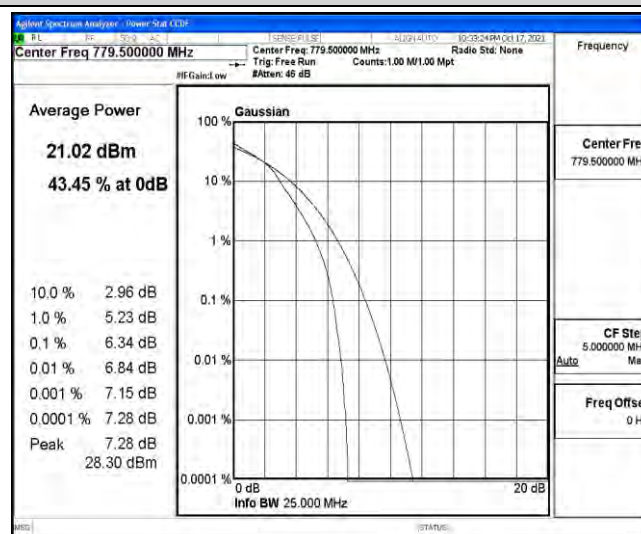
Band13-5MHz-QPSK-23255-25RB#0



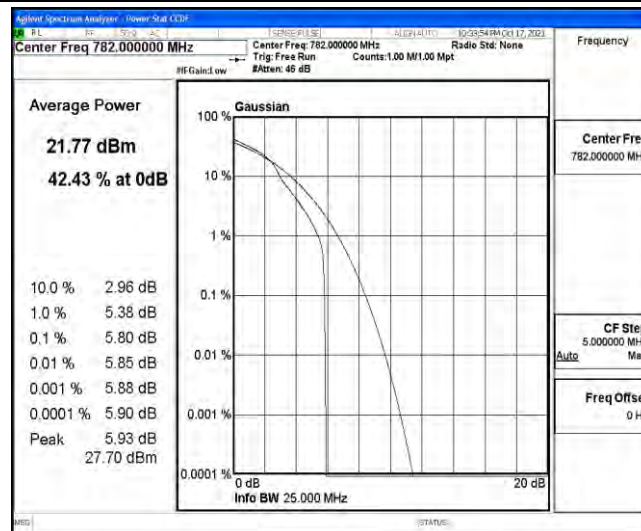
Band13-5MHz-16QAM-23205-1RB#0



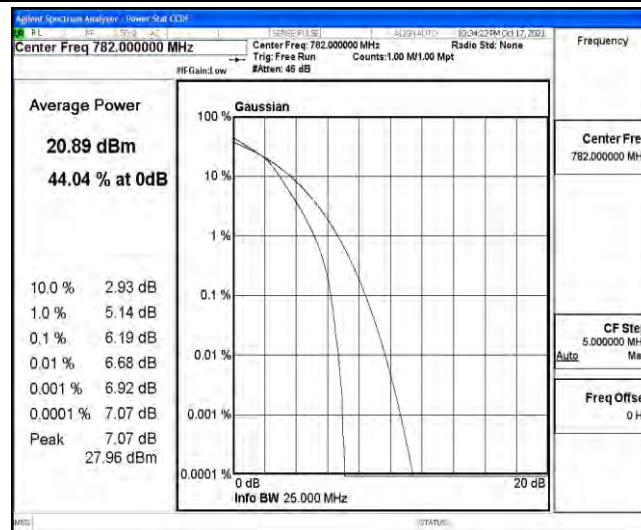
Band13-5MHz-16QAM-23205-25RB#0



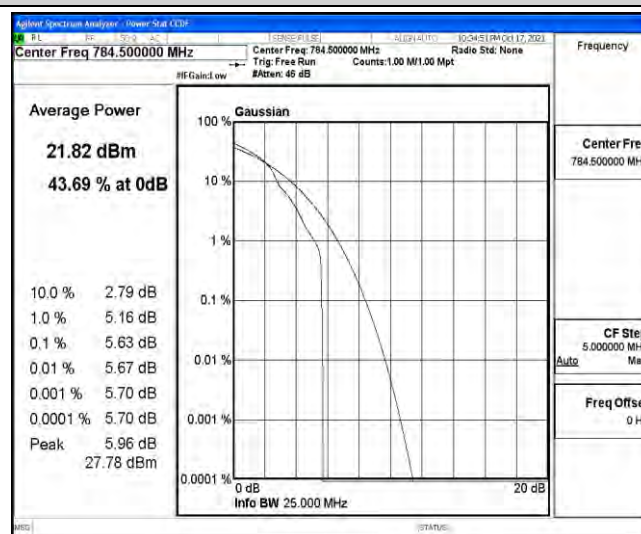
Band13-5MHz-16QAM-23230-1RB#0



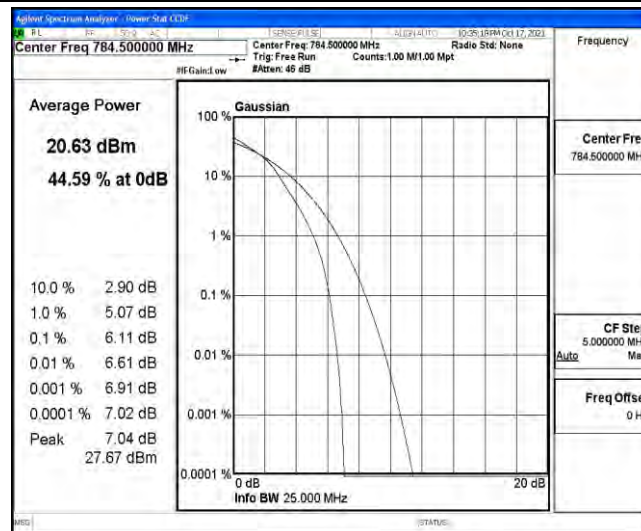
Band13-5MHz-16QAM-23230-25RB#0



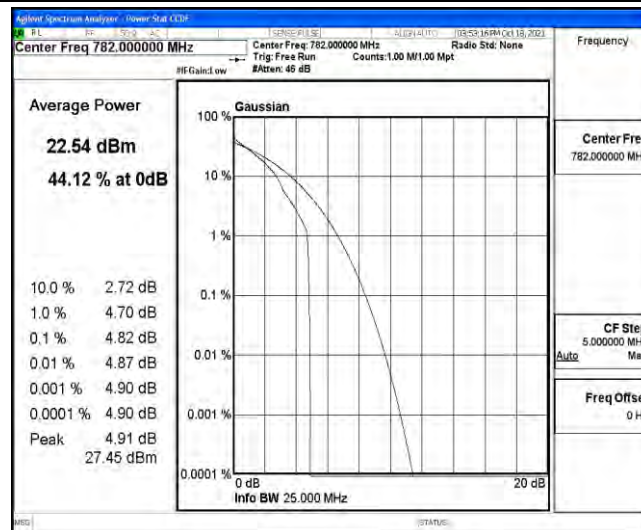
Band13-5MHz-16QAM-23255-1RB#0



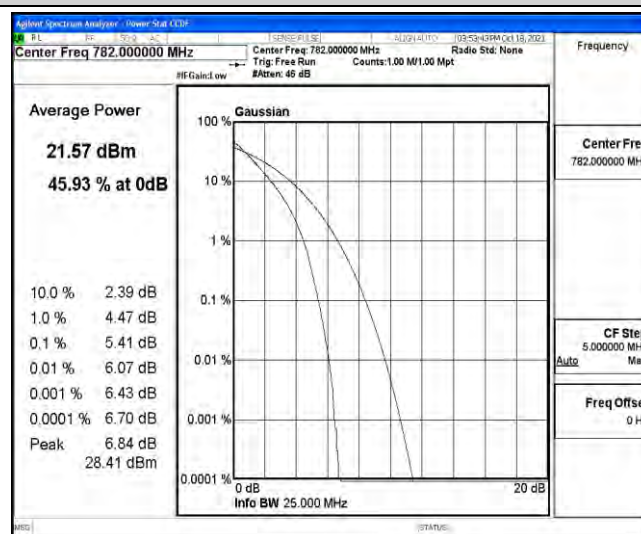
Band13-5MHz-16QAM-23255-25RB#0



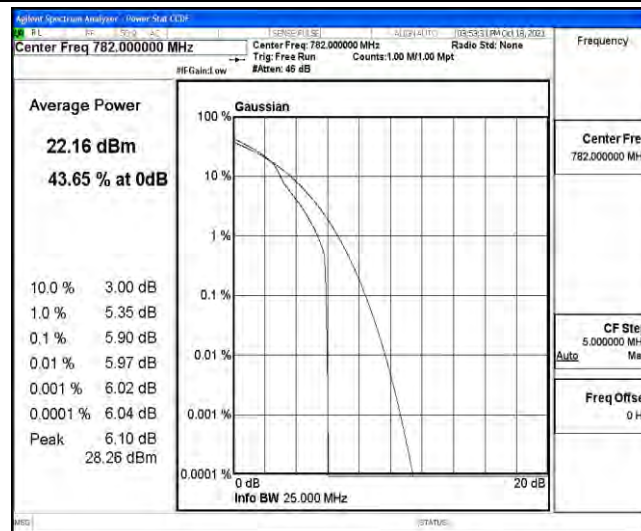
Band13-10MHz-QPSK-23230-1RB#0



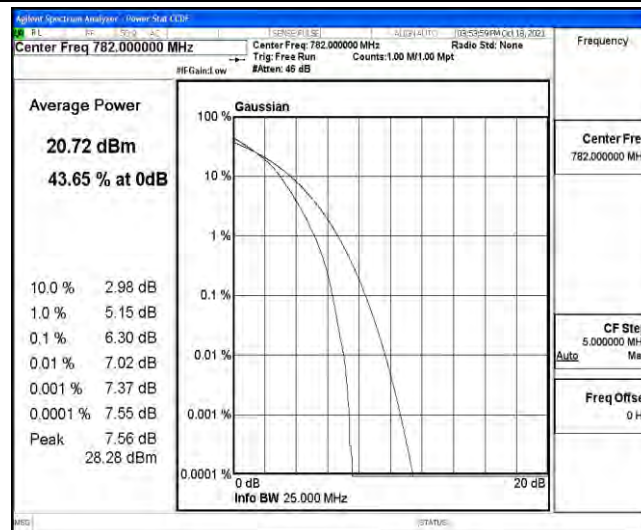
Band13-10MHz-QPSK-23230-50RB#0



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



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





K.3 26dB Bandwidth and Occupied Bandwidth

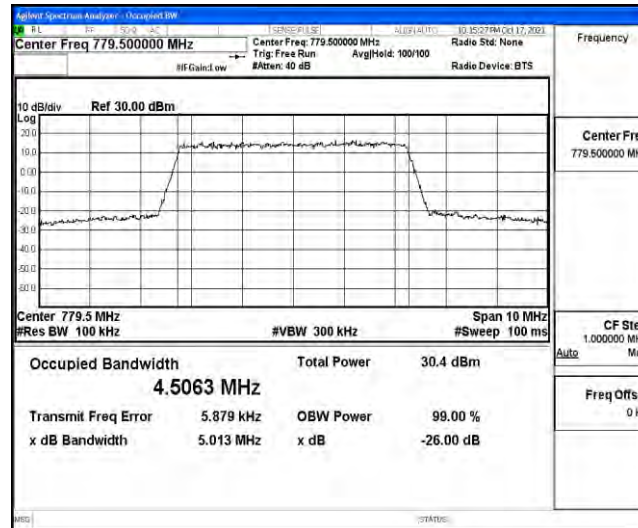
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5063	5.013	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4938	4.986	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4822	4.937	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5023	4.984	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4907	4.987	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4870	4.984	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9437	9.818	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9471	9.812	PASS

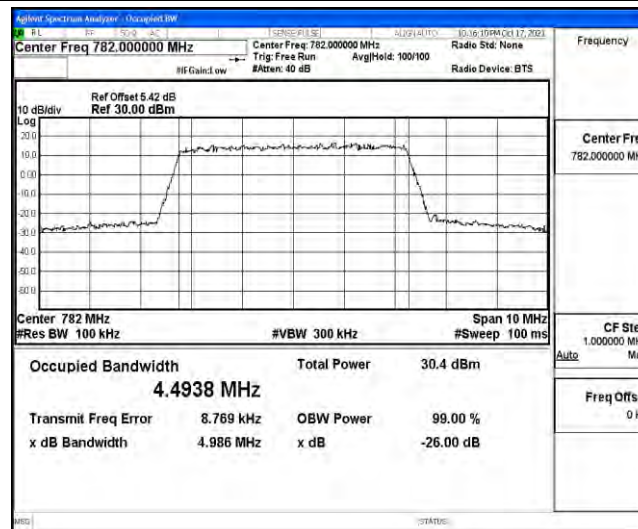


Test Graphs

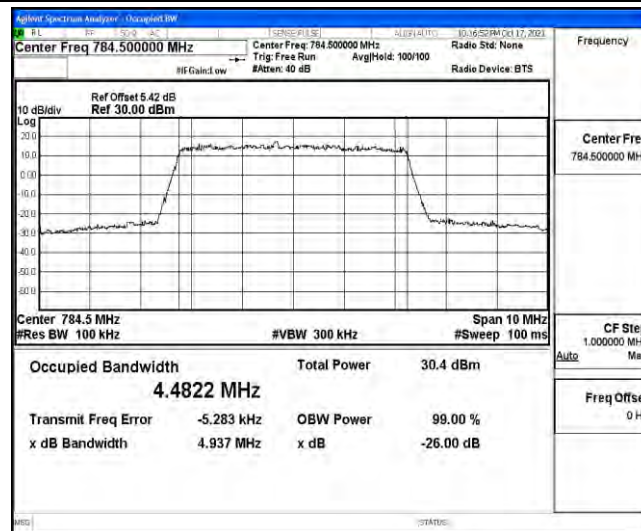
Band13-5MHz-QPSK-23205-25RB#0



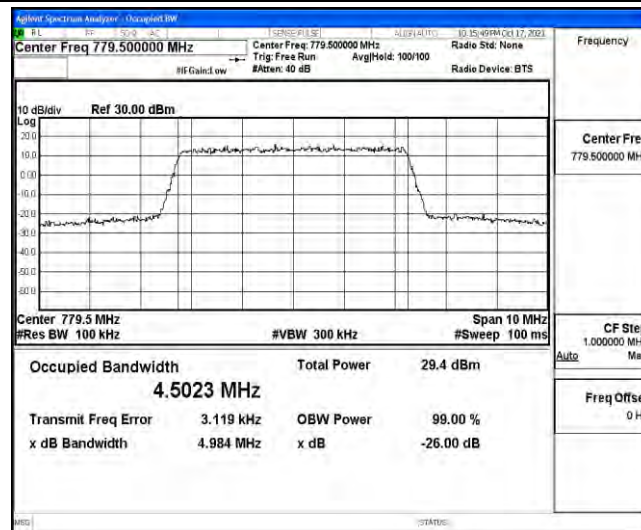
Band13-5MHz-QPSK-23230-25RB#0



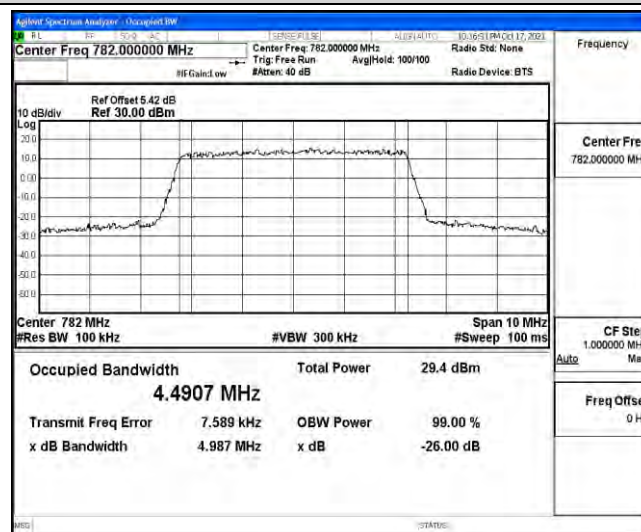
Band13-5MHz-QPSK-23255-25RB#0



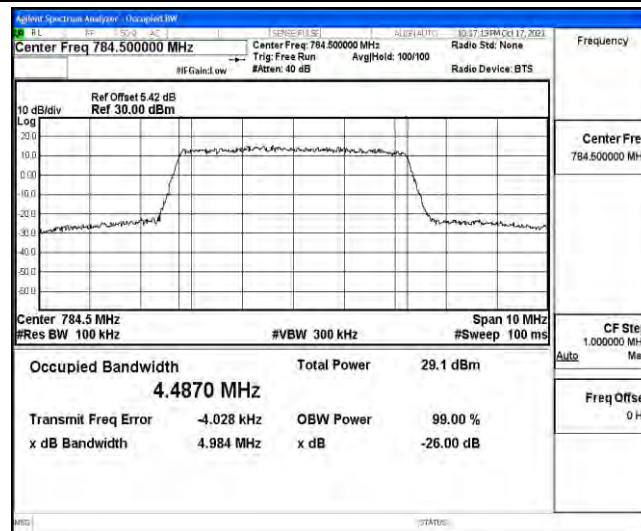
Band13-5MHz-16QAM-23205-25RB#0



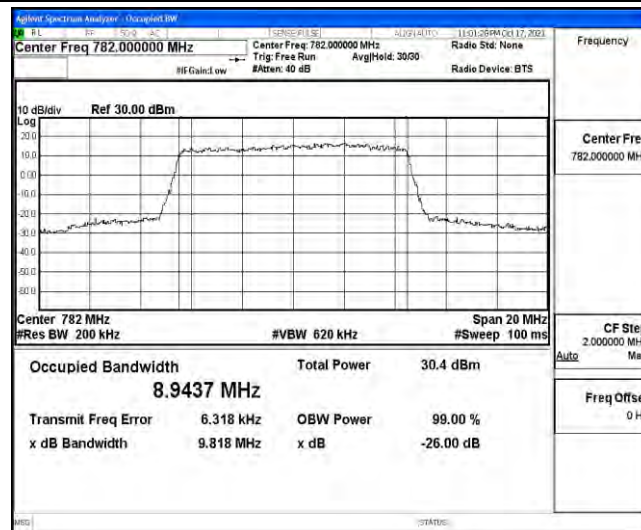
Band13-5MHz-16QAM-23230-25RB#0



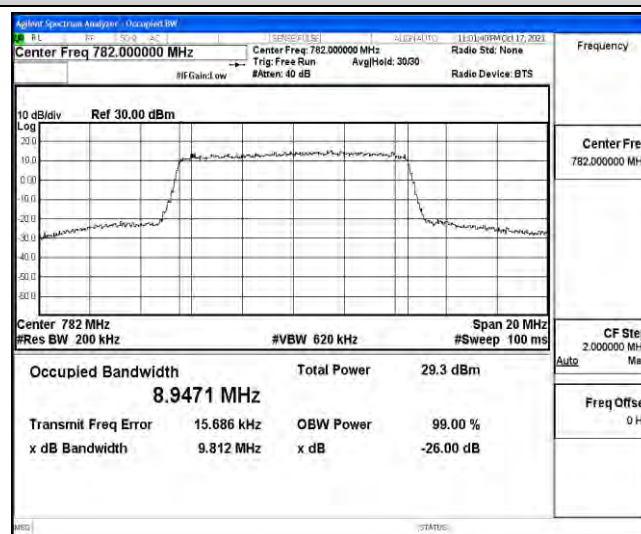
Band13-5MHz-16QAM-23255-25RB#0



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



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



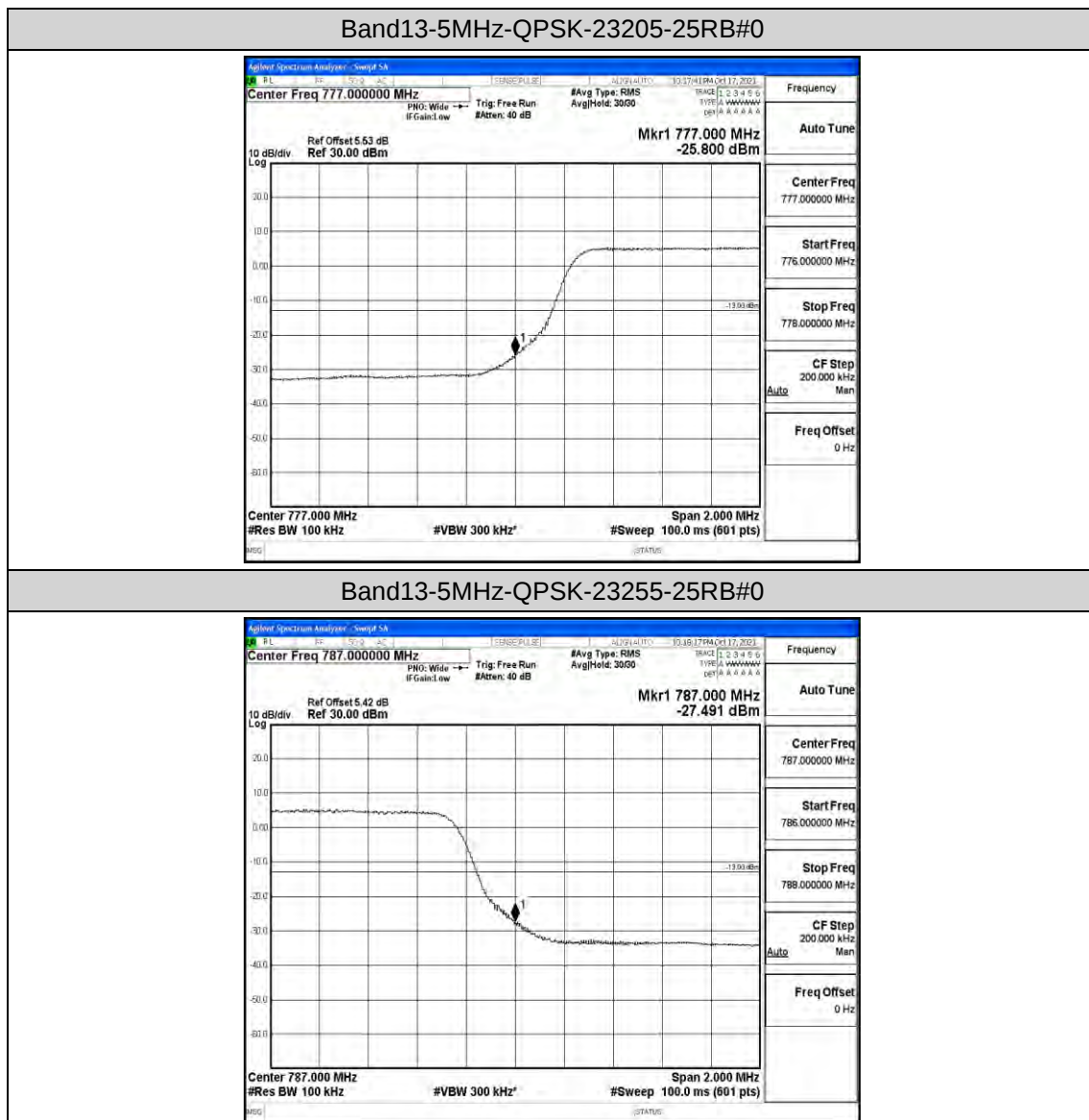


K.4 Band Edge

Test Result

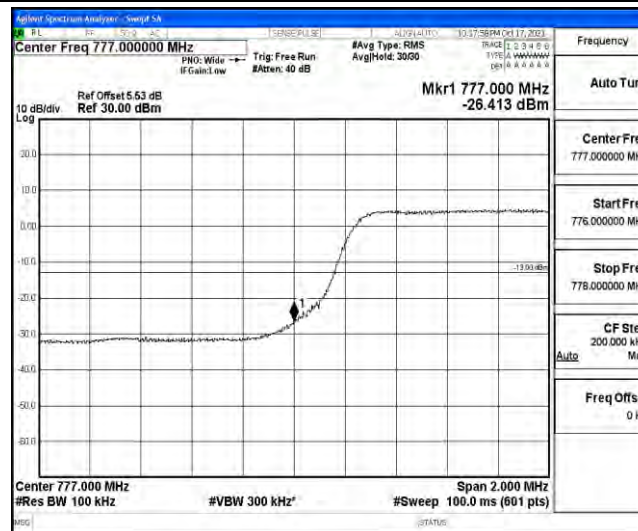
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-25.80	PASS
Band13	5MHz	QPSK	23255	25RB#0	-27.49	PASS
Band13	5MHz	16QAM	23205	25RB#0	-26.41	PASS
Band13	5MHz	16QAM	23255	25RB#0	-27.73	PASS
Band13	10MHz	QPSK	23230	50RB#0	-29.11,-29.50	PASS
Band13	10MHz	16QAM	23230	50RB#0	-30.05,-29.34	PASS

Test Graphs

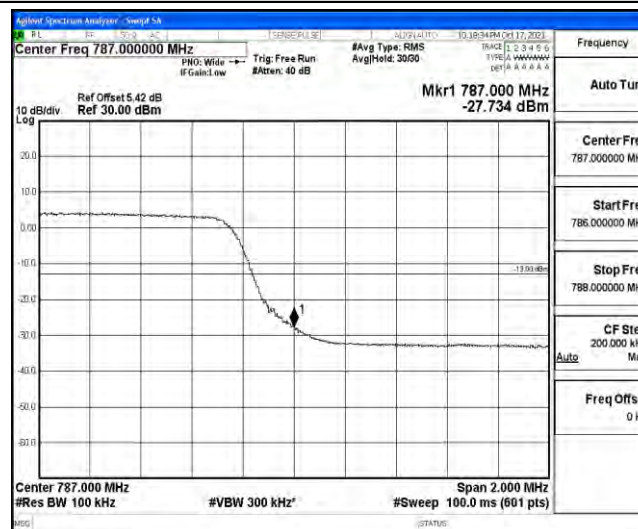




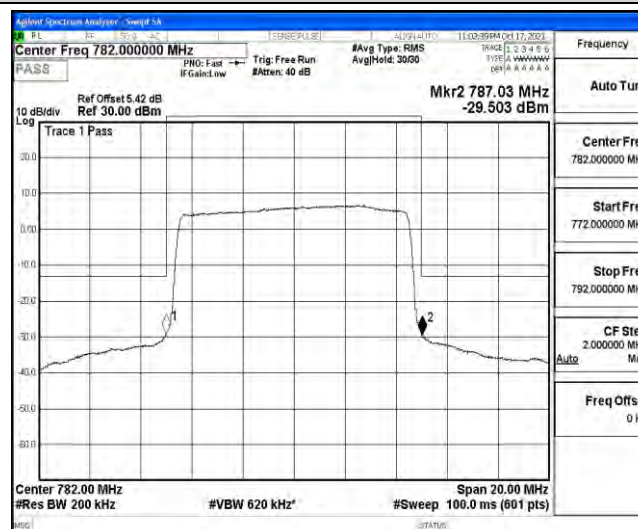
Band13-5MHz-16QAM-23205-25RB#0



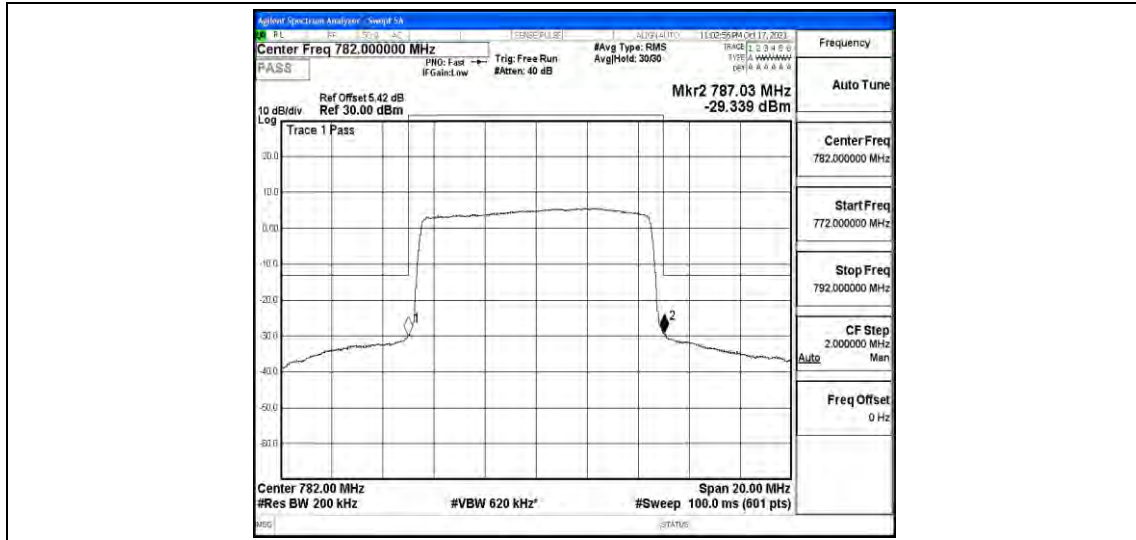
Band13-5MHz-16QAM-23255-25RB#0



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



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





K.5 Conducted Spurious Emission

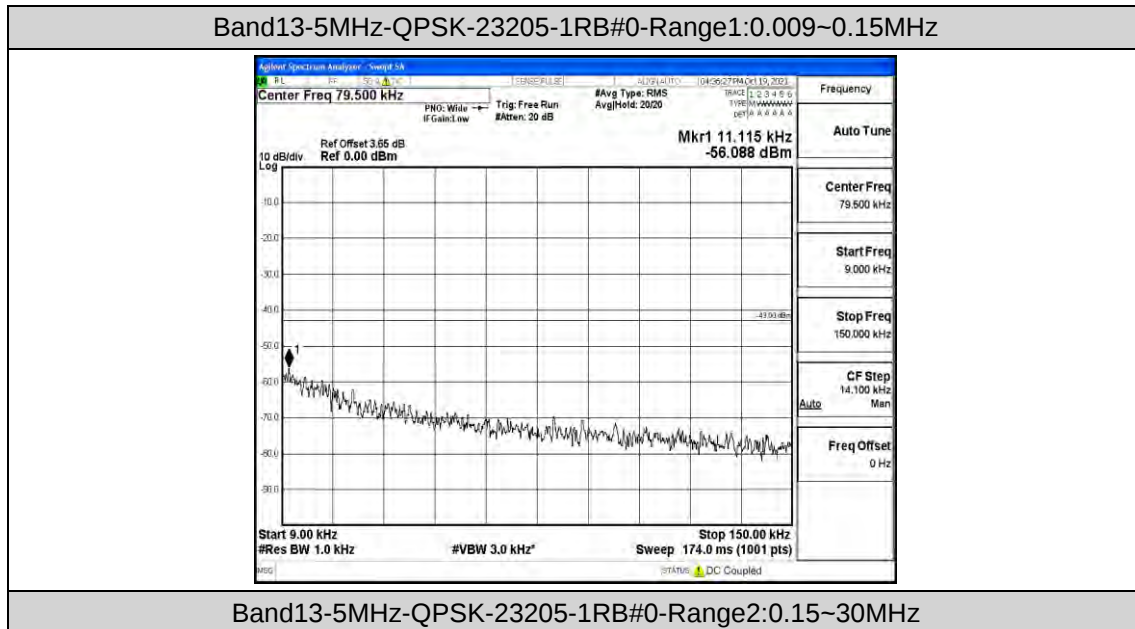
Test Result

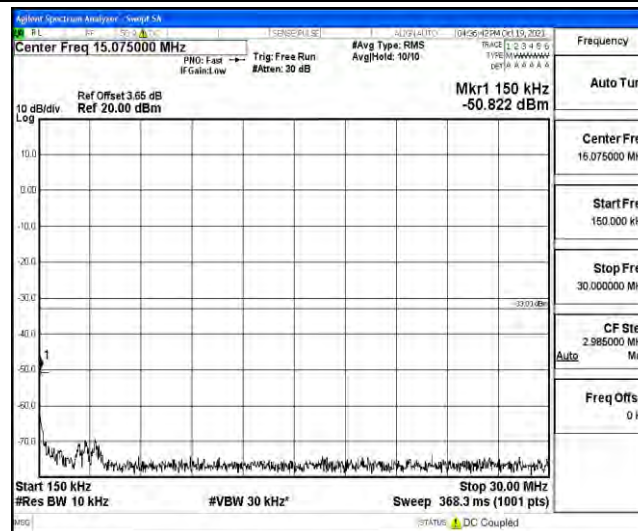
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:0.009~0.15MHz	-56.09	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:0.15~30MHz	-50.82	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:30~1000MHz	-41.75	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:763~775MHz	-52.02	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range6:793~805MHz	-61.43	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:1000~10000MHz	-45.39	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range7:1559~1610MHz	-64.62	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:0.009~0.15MHz	-56.06	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:0.15~30MHz	-49.72	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:30~1000MHz	-41.9	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:763~775MHz	-60.73	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range6:793~805MHz	-60.09	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:1000~10000MHz	-45.46	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range7:1559~1610MHz	-64.43	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:0.009~0.15MHz	-55.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:0.15~30MHz	-52.05	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:30~1000MHz	-41.27	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:763~775MHz	-56.72	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range6:793~805MHz	-60.43	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:1000~10000MHz	-45.27	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range7:1559~1610MHz	-64.73	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:0.009~0.15MHz	-56.22	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:30~1000MHz	-41.9	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:763~775MHz	-58.81	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range6:793~805MHz	-60.46	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:1000~10000MHz	-45.24	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range7:1559~1610MHz	-63.52	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:0.009~0.15MHz	-56.48	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:0.15~30MHz	-51.28	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:30~1000MHz	-41.29	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:763~775MHz	-60.63	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range6:793~805MHz	-60.81	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:1000~10000MHz	-45.49	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range7:1559~1610MHz	-64.56	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:0.009~0.15MHz	-55.81	PASS



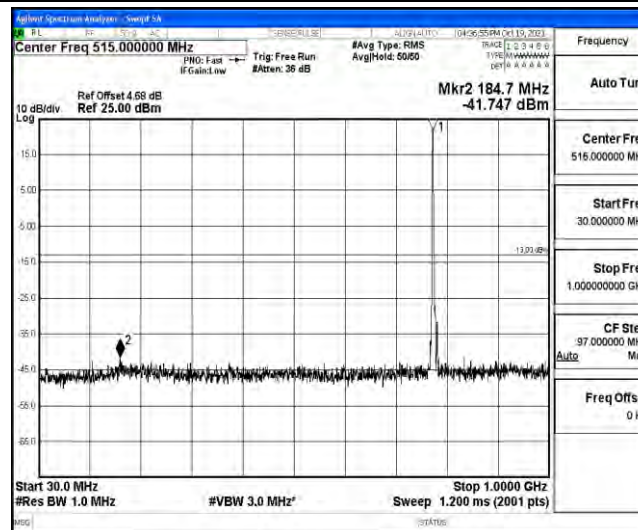
Band13	5MHz	16QAM	23255	1RB#0	Range2:0.15~30MHz	-51	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:30~1000MHz	-41.6	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:763~775MHz	-60.55	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range6:793~805MHz	-59.86	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:1000~10000MHz	-45.53	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range7:1559~1610MHz	-64.58	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:0.15~30MHz	-49.6	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:30~1000MHz	-41.84	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:763~775MHz	-54.49	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range6:793~805MHz	-54.27	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:1000~10000MHz	-45.26	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range7:1559~1610MHz	-62.85	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:0.009~0.15MHz	-54.57	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:0.15~30MHz	-51.43	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:30~1000MHz	-41.78	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:763~775MHz	-56.55	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range6:793~805MHz	-53.78	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:1000~10000MHz	-45.45	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range7:1559~1610MHz	-62.98	PASS

Test Graphs

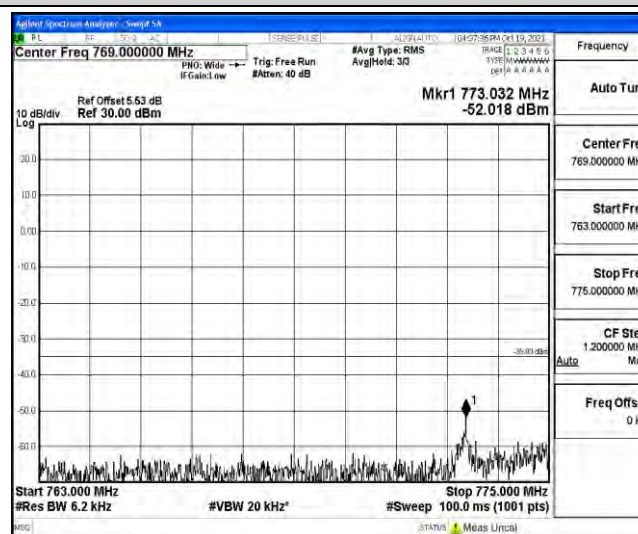




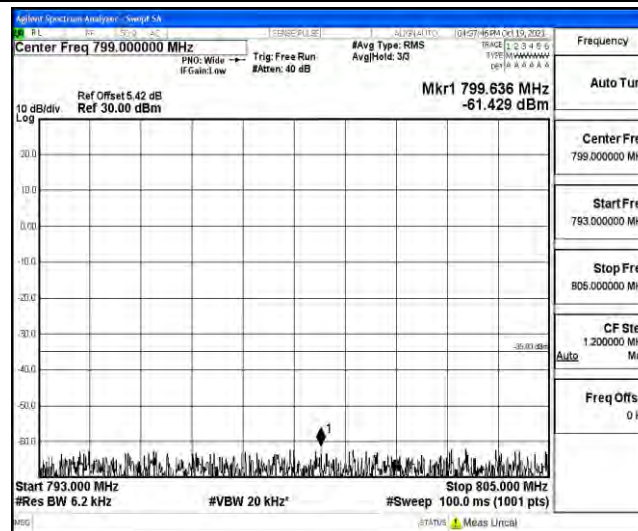
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Band13-5MHz-QPSK-23205-1RB#0-Range5:763~775MHz



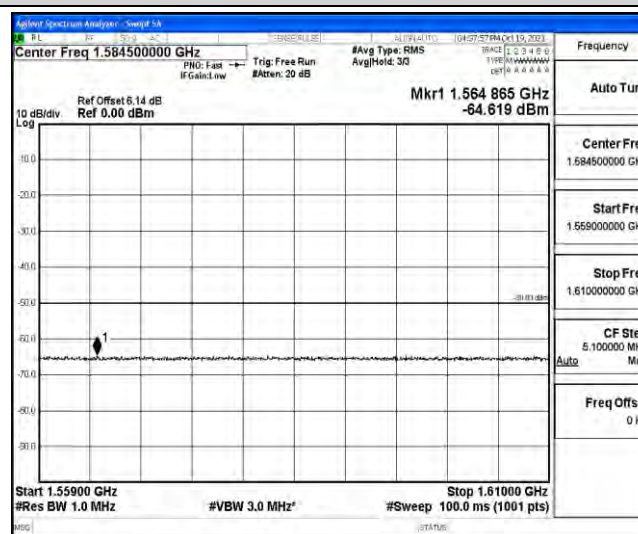
Band13-5MHz-QPSK-23205-1RB#0-Range6:793~805MHz



Band13-5MHz-QPSK-23205-1RB#0-Range4:1000~10000MHz



Band13-5MHz-QPSK-23205-1RB#0-Range7:1559~1610MHz



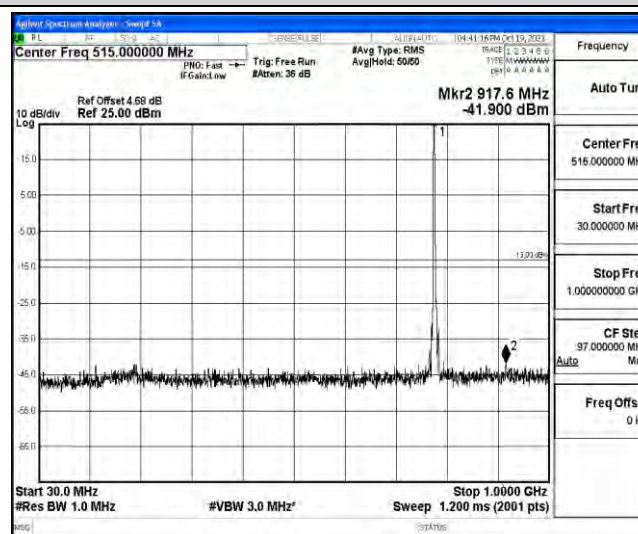
Band13-5MHz-QPSK-23230-1RB#0-Range1:0.009~0.15MHz



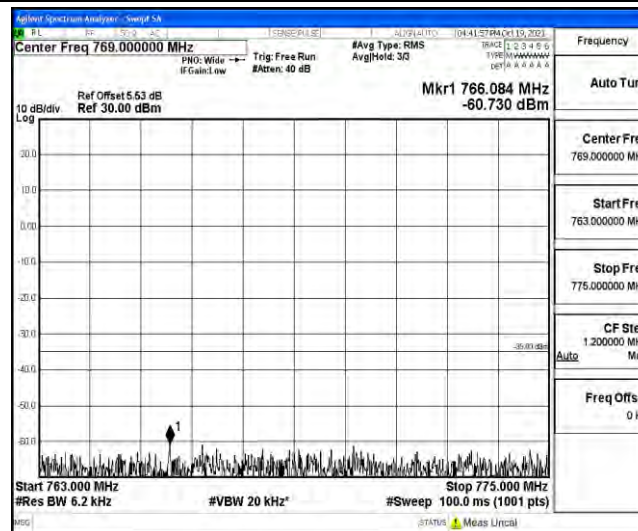
Band13-5MHz-QPSK-23230-1RB#0-Range2:0.15~30MHz



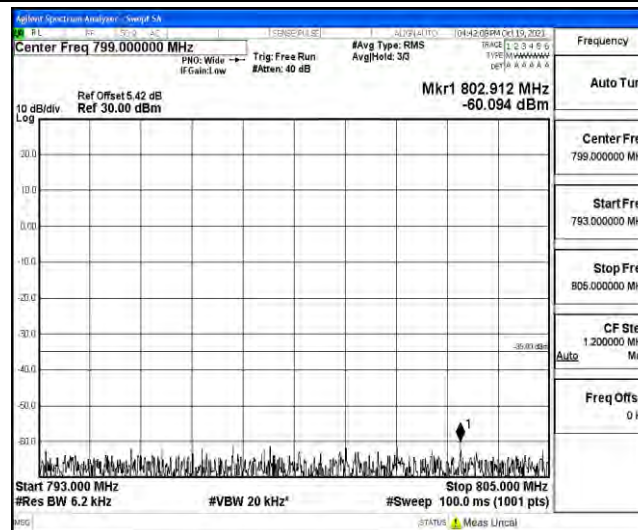
Band13-5MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



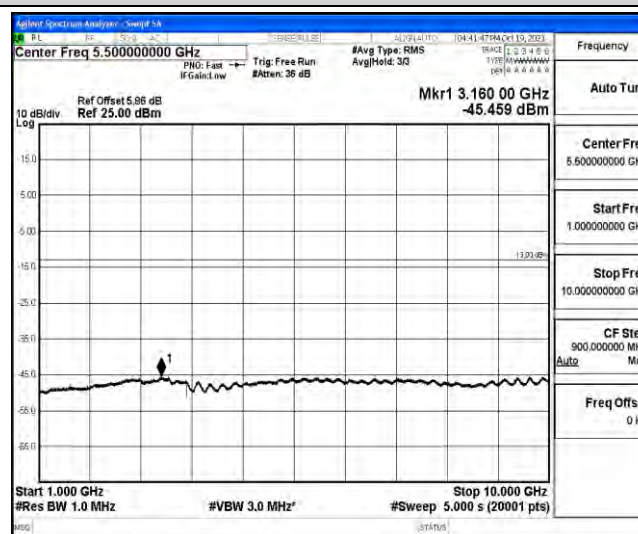
Band13-5MHz-QPSK-23230-1RB#0-Range5:763~775MHz



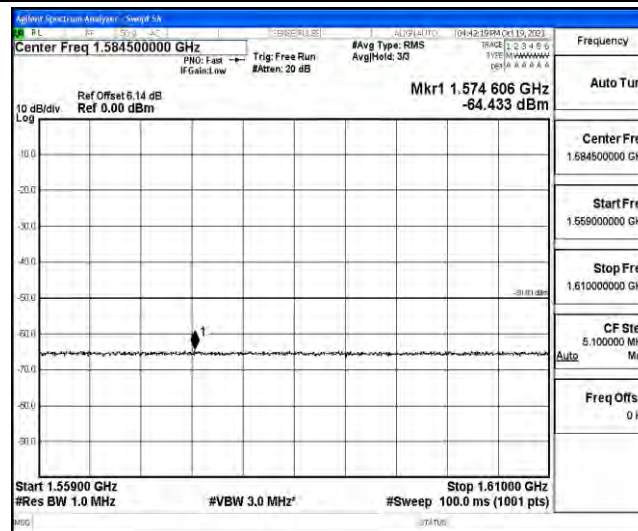
Band13-5MHz-QPSK-23230-1RB#0-Range6:793~805MHz



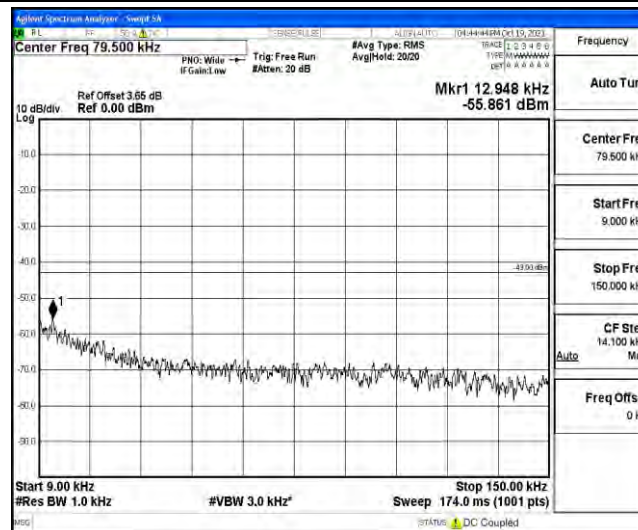
Band13-5MHz-QPSK-23230-1RB#0-Range4:1000~10000MHz



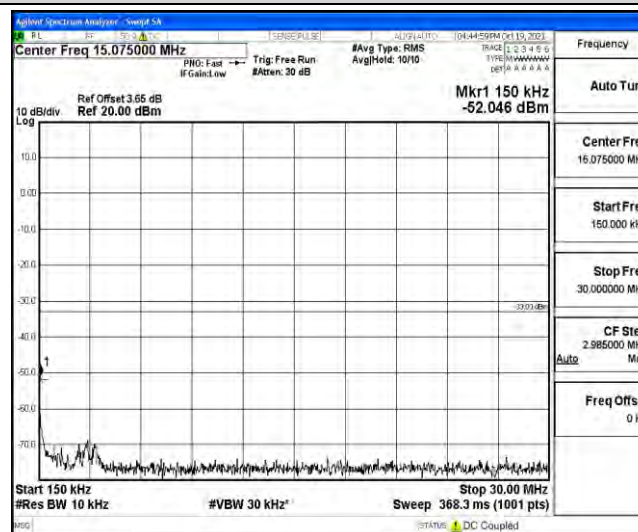
Band13-5MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



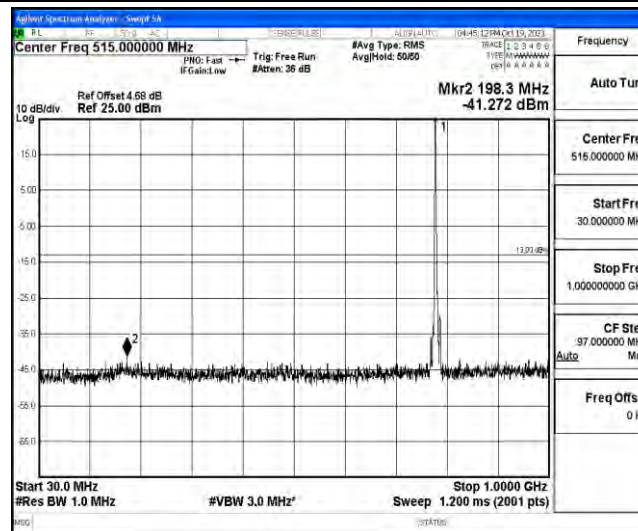
Band13-5MHz-QPSK-23255-1RB#0-Range1:0.009~0.15MHz



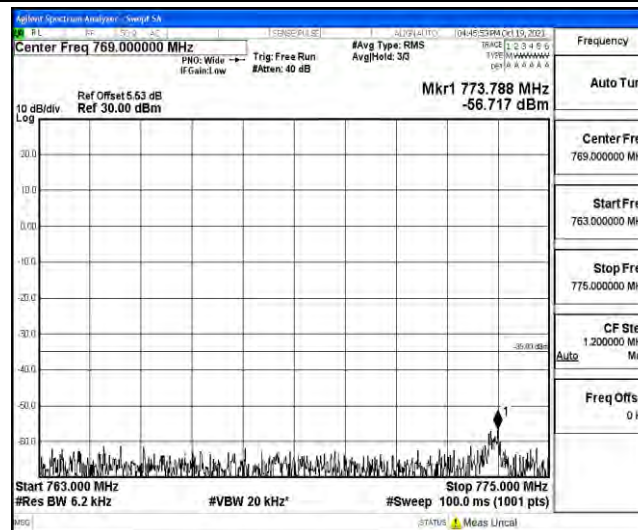
Band13-5MHz-QPSK-23255-1RB#0-Range2:0.15~30MHz



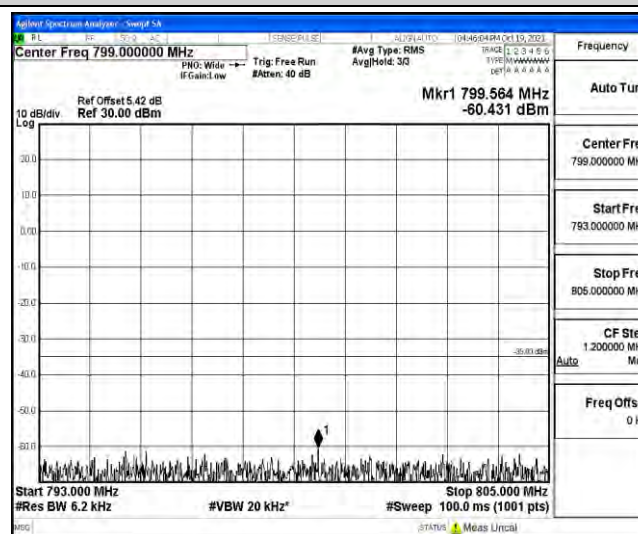
Band13-5MHz-QPSK-23255-1RB#0-Range3:30~1000MHz



Band13-5MHz-QPSK-23255-1RB#0-Range5:763~775MHz



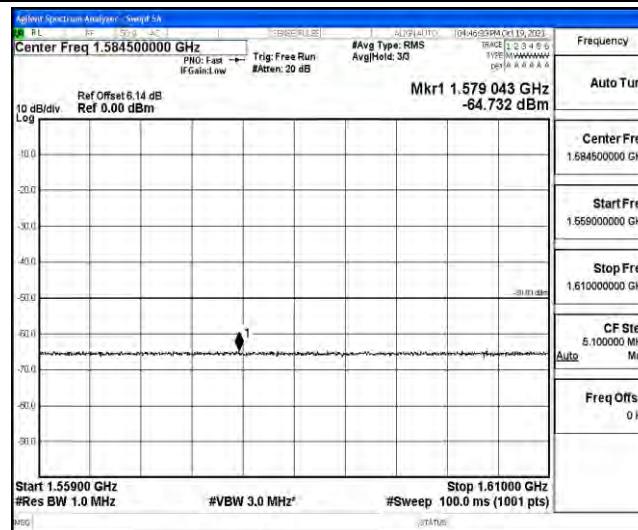
Band13-5MHz-QPSK-23255-1RB#0-Range6:793~805MHz



Band13-5MHz-QPSK-23255-1RB#0-Range4:1000~10000MHz



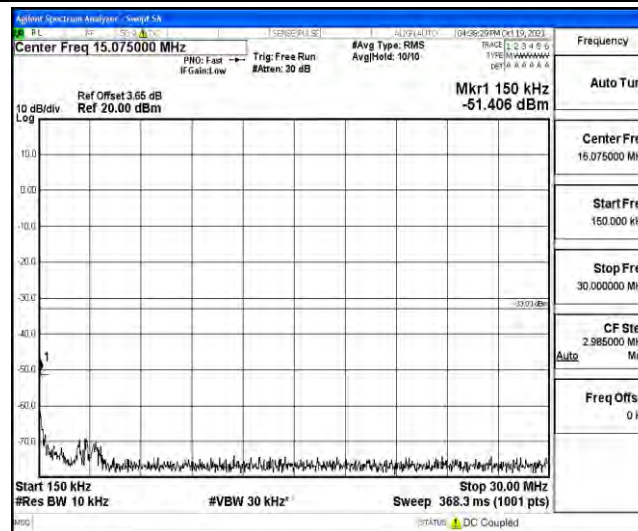
Band13-5MHz-QPSK-23255-1RB#0-Range7:1559~1610MHz



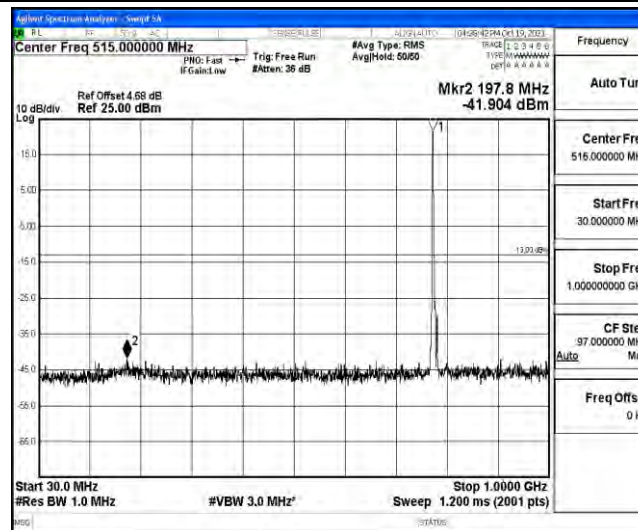
Band13-5MHz-16QAM-23205-1RB#0-Range1:0.009~0.15MHz



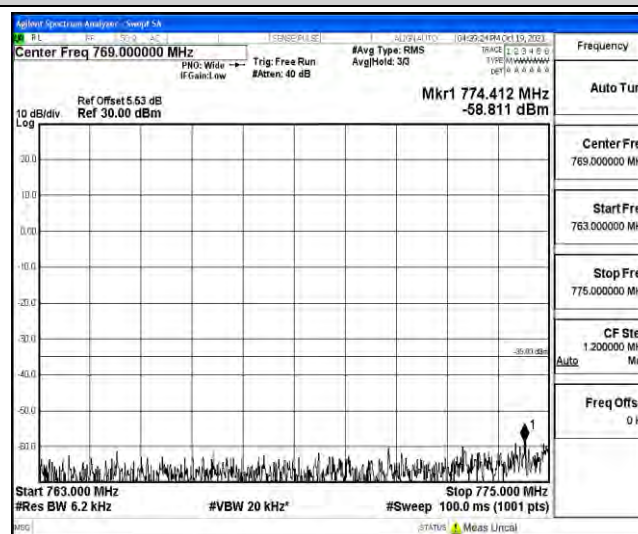
Band13-5MHz-16QAM-23205-1RB#0-Range2:0.15~30MHz



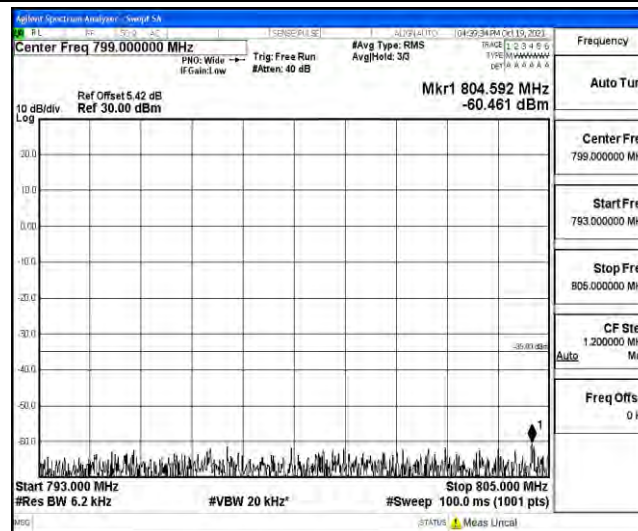
Band13-5MHz-16QAM-23205-1RB#0-Range3:30~1000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:763~775MHz



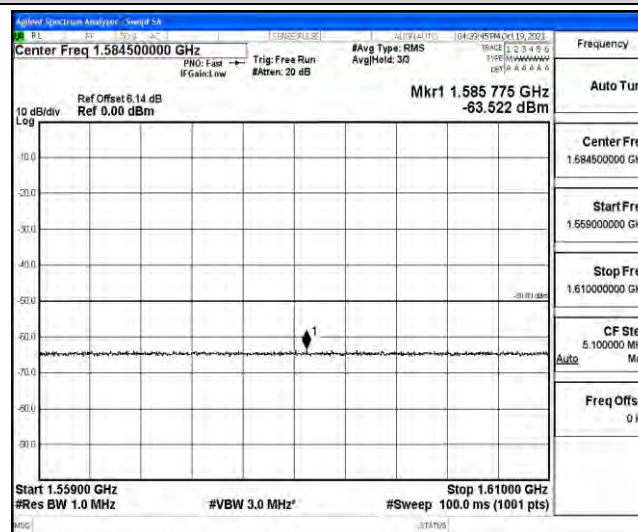
Band13-5MHz-16QAM-23205-1RB#0-Range6:793~805MHz



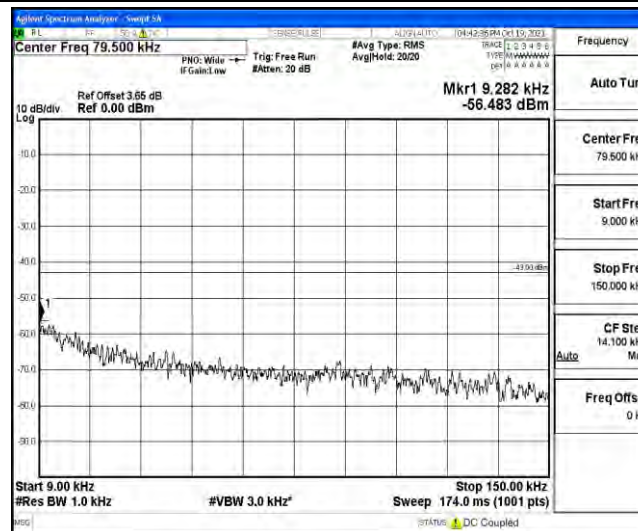
Band13-5MHz-16QAM-23205-1RB#0-Range4:1000~10000MHz



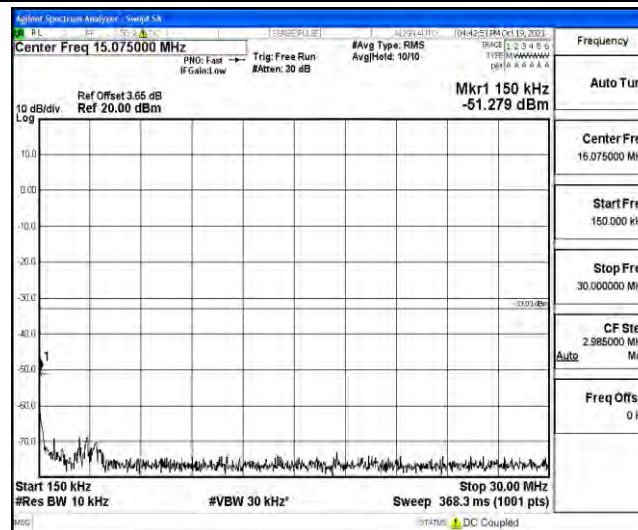
Band13-5MHz-16QAM-23205-1RB#0-Range7:1559~1610MHz



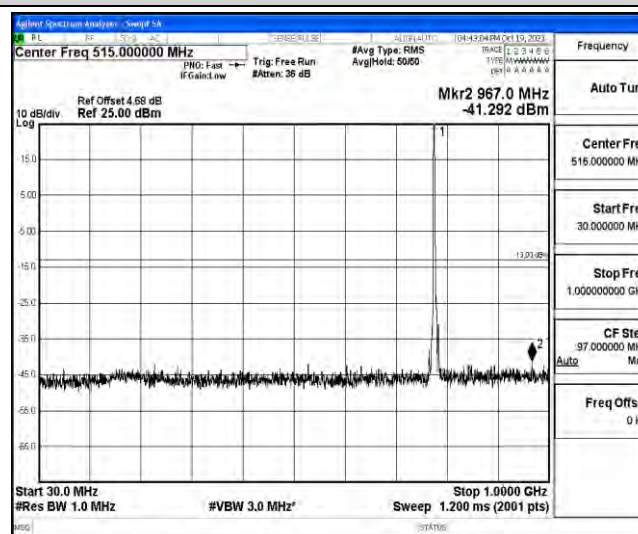
Band13-5MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



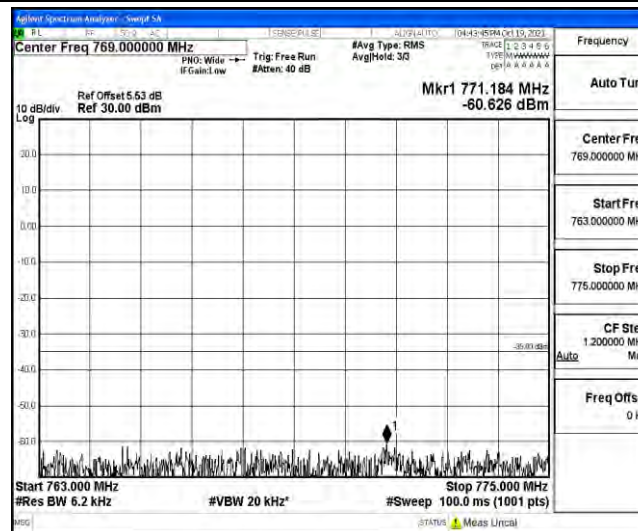
Band13-5MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



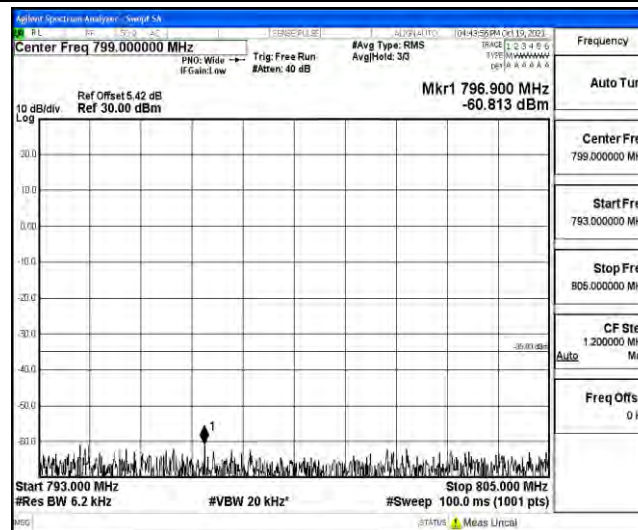
Band13-5MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



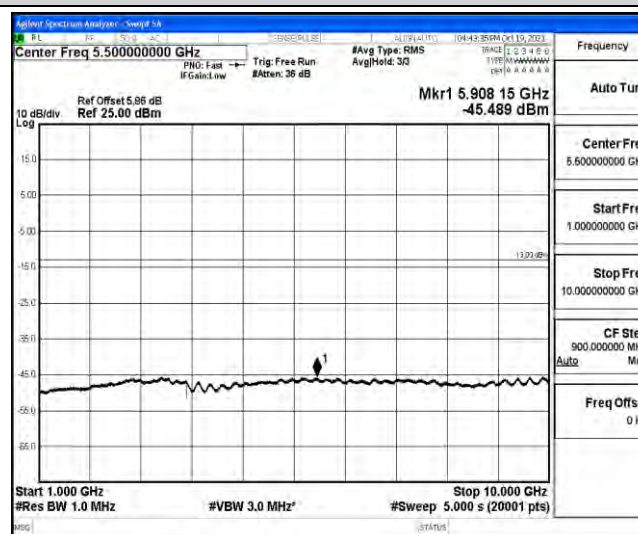
Band13-5MHz-16QAM-23230-1RB#0-Range5:763~775MHz



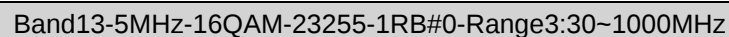
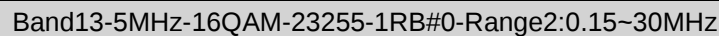
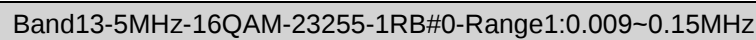
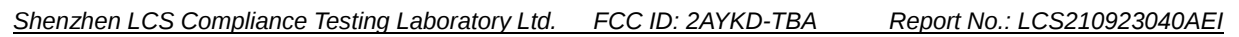
Band13-5MHz-16QAM-23230-1RB#0-Range6:793~805MHz

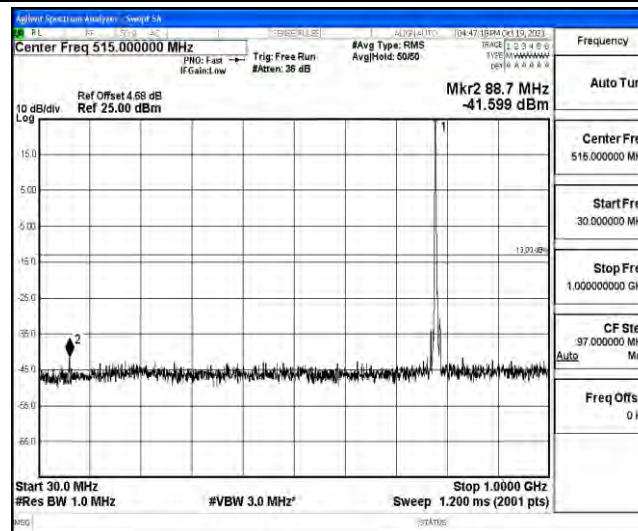


Band13-5MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz

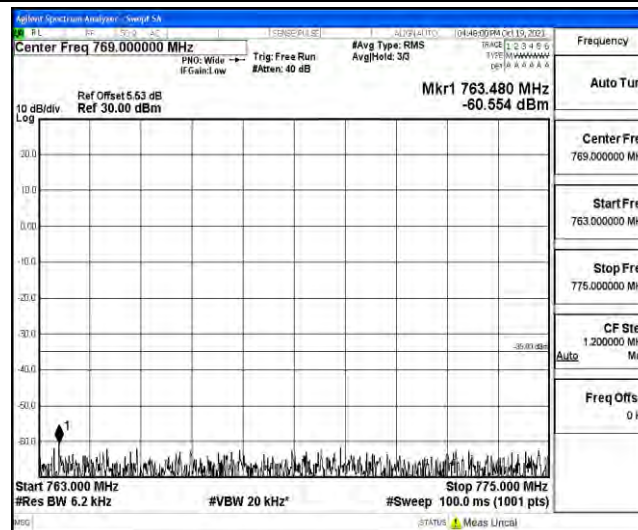


Band13-5MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz

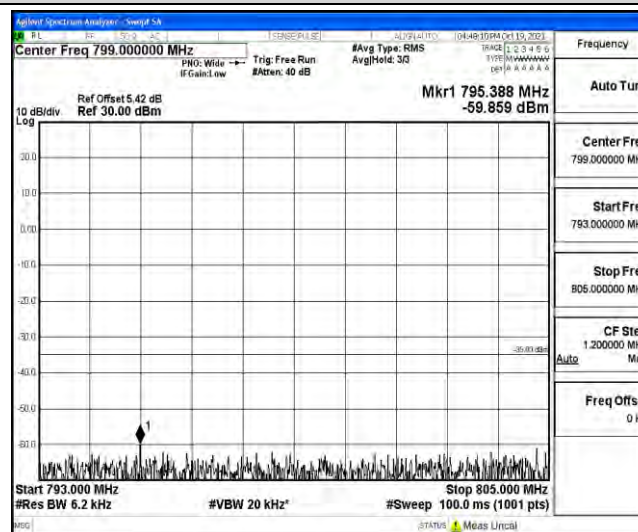




Band13-5MHz-16QAM-23255-1RB#0-Range5:763~775MHz



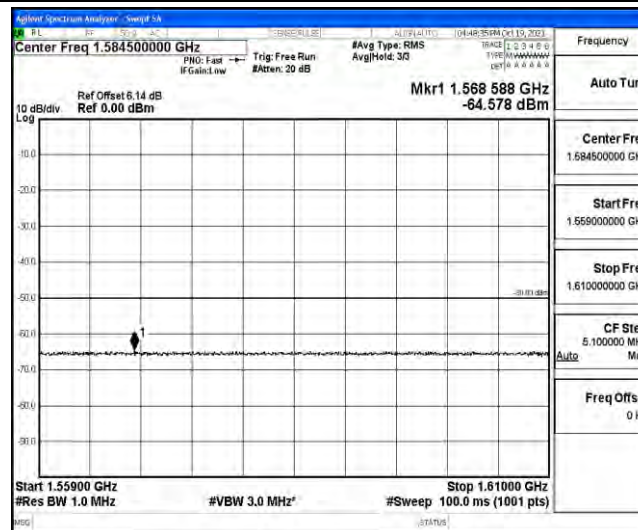
Band13-5MHz-16QAM-23255-1RB#0-Range6:793~805MHz



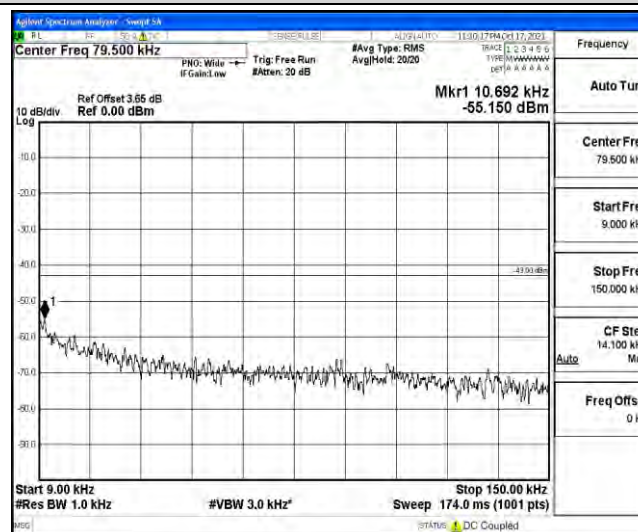
Band13-5MHz-16QAM-23255-1RB#0-Range4:1000~10000MHz



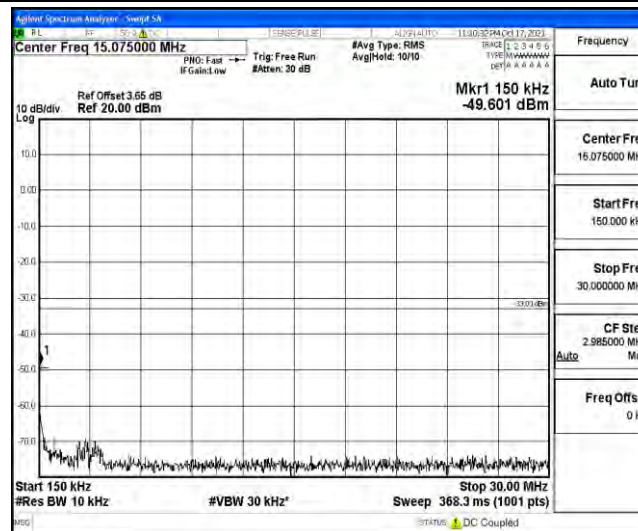
Band13-5MHz-16QAM-23255-1RB#0-Range7:1559~1610MHz



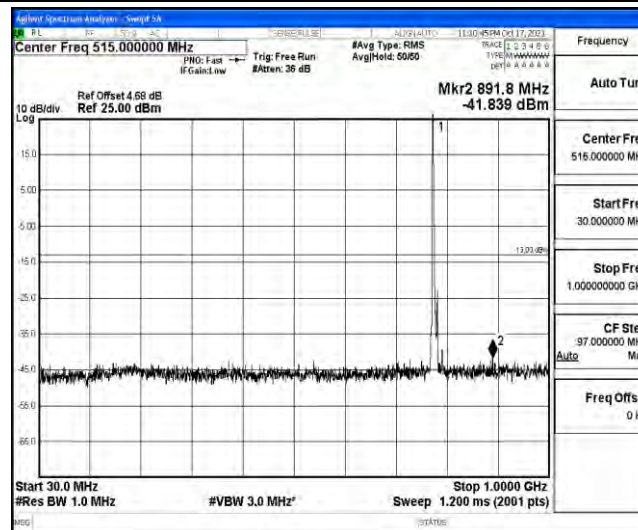
Band13-10MHz-QPSK-23230-1RB#0-Range1:0.009~0.15MHz



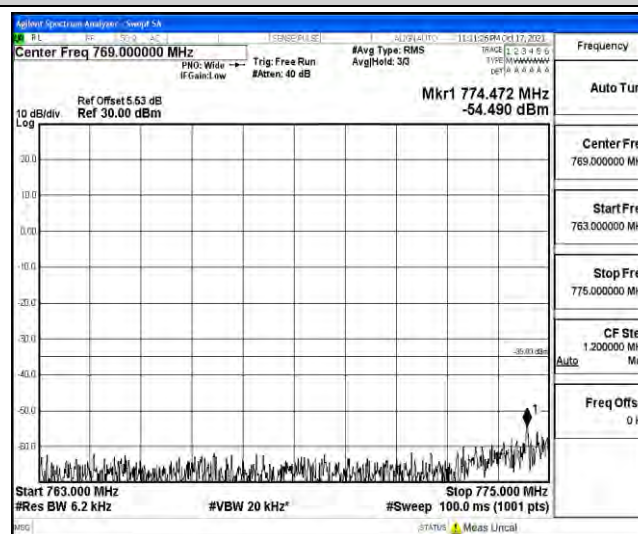
Band13-10MHz-QPSK-23230-1RB#0-Range2:0.15~30MHz



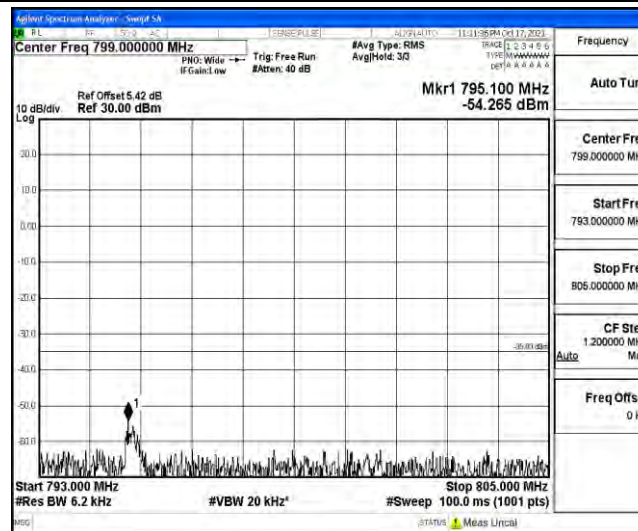
Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range5:763~775MHz



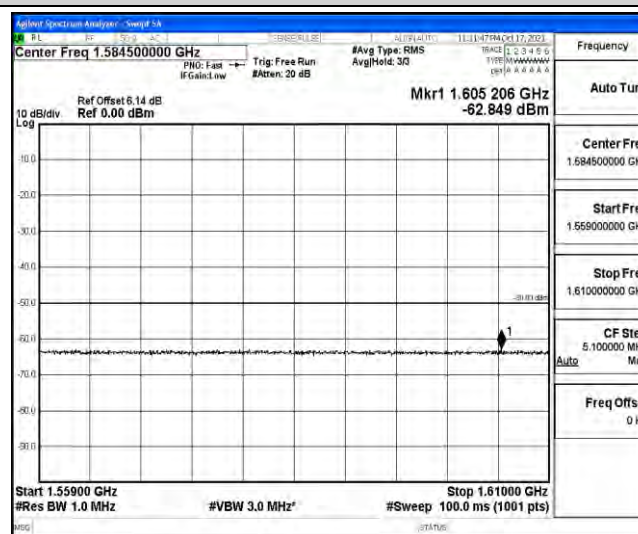
Band13-10MHz-QPSK-23230-1RB#0-Range6:793~805MHz



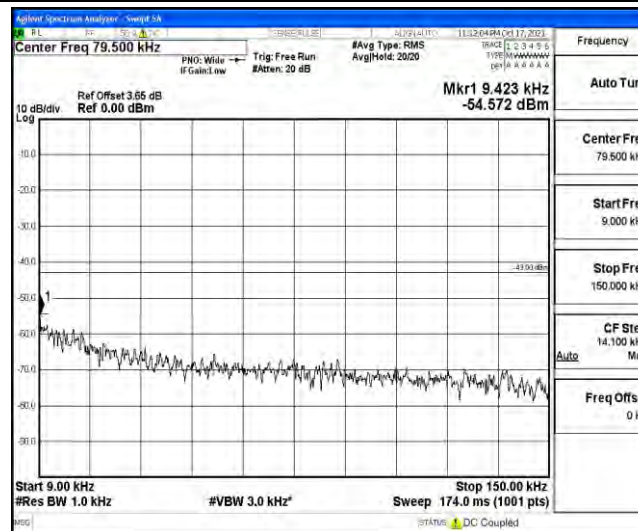
Band13-10MHz-QPSK-23230-1RB#0-Range4:1000~10000MHz



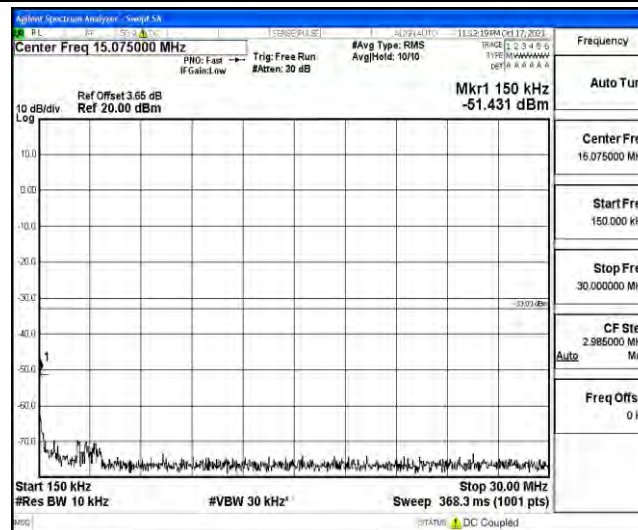
Band13-10MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



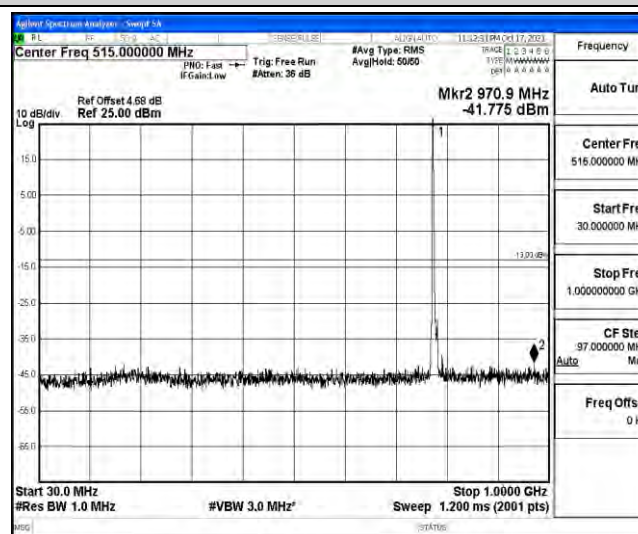
Band13-10MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



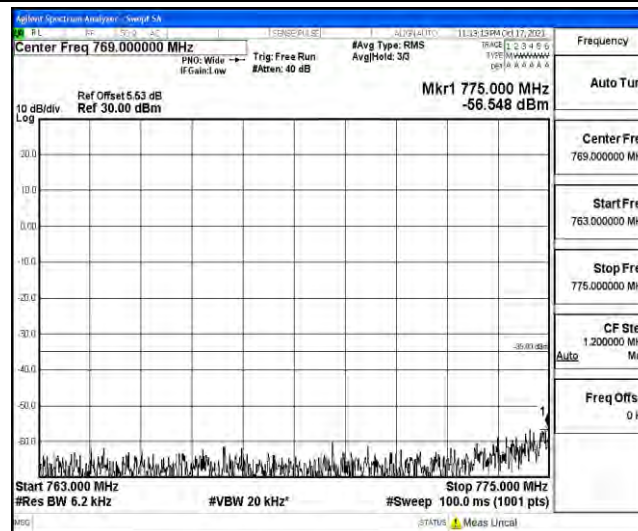
Band13-10MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



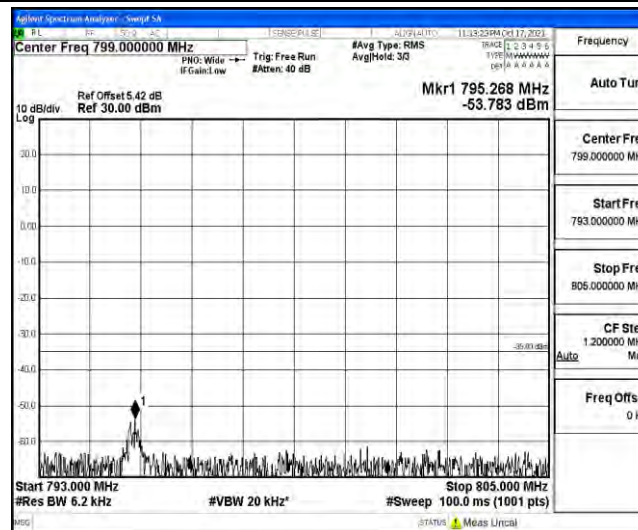
Band13-10MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



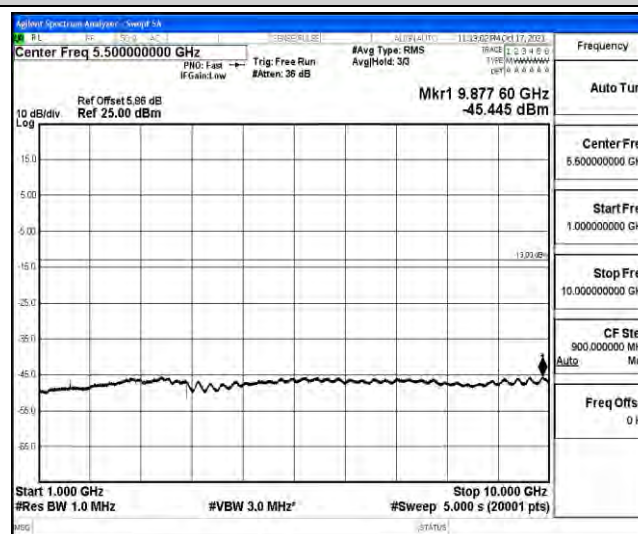
Band13-10MHz-16QAM-23230-1RB#0-Range5:763~775MHz



Band13-10MHz-16QAM-23230-1RB#0-Range6:793~805MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz



Band13-10MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz

