Appendix J: Test Data for E-UTRA Band 12

Product Name: Optical projector
Trade Mark: CINEMOOD
Test Model: CNMD0020

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

J.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.19	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.22	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.27	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.28	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.28	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.34	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.26	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.20	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.22	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.24	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.21	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.27	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.05	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.15	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.01	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.11	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.11	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.09	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.12	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.04	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.02	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.03	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.04	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.29	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.02	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.11	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.97	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.05	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.05	PASS

Band12	1.4MHz	16QAM	23095	3RB#3	21.99	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.05	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.74	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.83	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.85	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.81	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.07	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.28	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.28	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.21	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.33	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.34	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.28	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.26	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.31	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.33	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.26	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.21	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.23	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.22	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.14	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.12	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.15	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.01	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.10	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.14	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.08	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.23	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.18	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.08	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.24	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.26	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.23	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.20	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.09	PASS

Band12	3MHz	16QAM	23095	1RB#8	22.10	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.09	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.18	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.17	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.19	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.98	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.95	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.00	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.81	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.02	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.06	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.01	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.91	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.18	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.34	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.18	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.28	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.26	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.23	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.27	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.16	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.30	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.11	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.21	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.19	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.21	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.17	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.13	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.28	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.02	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.20	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.20	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.01	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.05	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.08	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.25	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.07	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.21	PASS

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

Band12	5MHz	16QAM	23035	12RB#6	21.19	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.17	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.20	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.17	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.30	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.16	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.10	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.15	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.15	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.12	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.92	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.09	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.91	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.13	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.14	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.96	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.06	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.25	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.44	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.16	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.34	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.30	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.40	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.38	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.32	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.45	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.22	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.22	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.23	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.25	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.21	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.22	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.29	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.11	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.18	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.21	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.12	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.12	PASS

Band12	10MHz	16QAM	23060	1RB#0	22.22	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.29	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.17	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.26	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.24	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.34	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.22	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.10	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.15	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.99	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.21	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.19	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.22	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.16	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.98	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.08	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.84	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.15	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.19	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.11	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.11	PASS

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

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

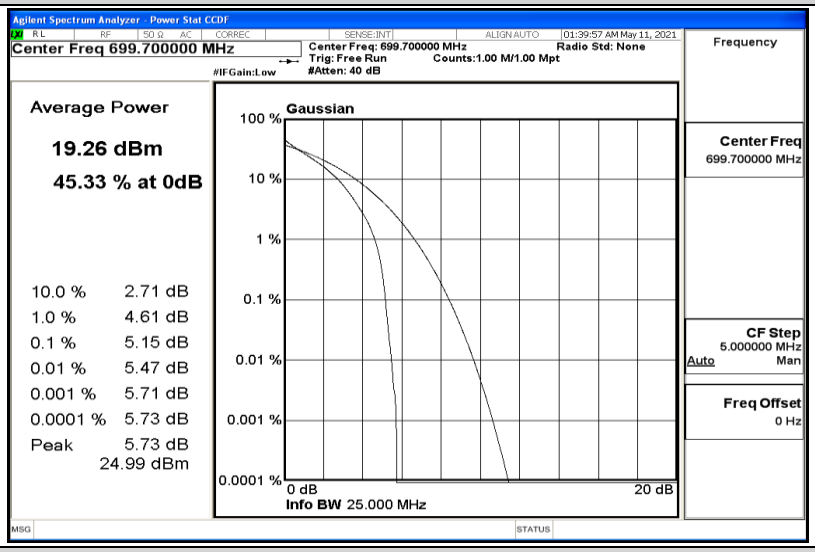
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.15	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.59	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.24	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.24	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.30	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.12	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.24	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	6.43	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.26	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.16	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.44	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.23	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.28	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.96	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.63	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.11	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.36	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.38	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.41	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.53	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.07	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.25	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.37	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.91	13	PASS

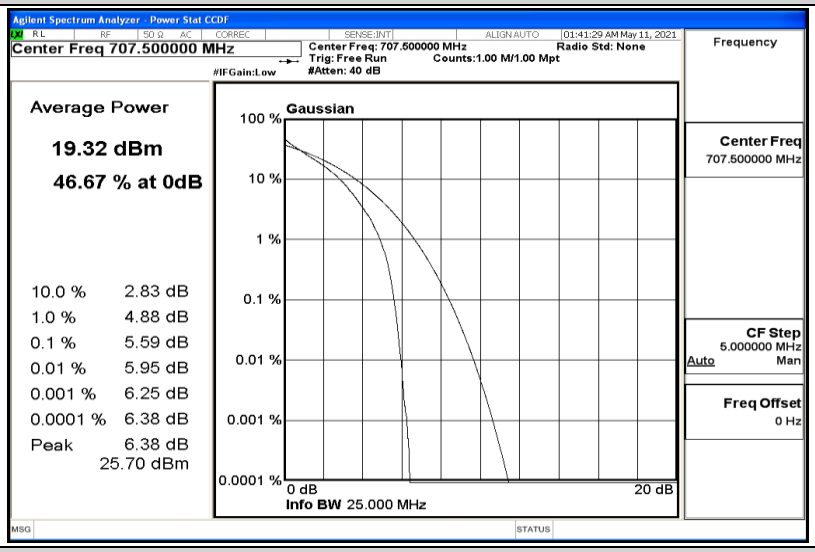
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

Test Graphs

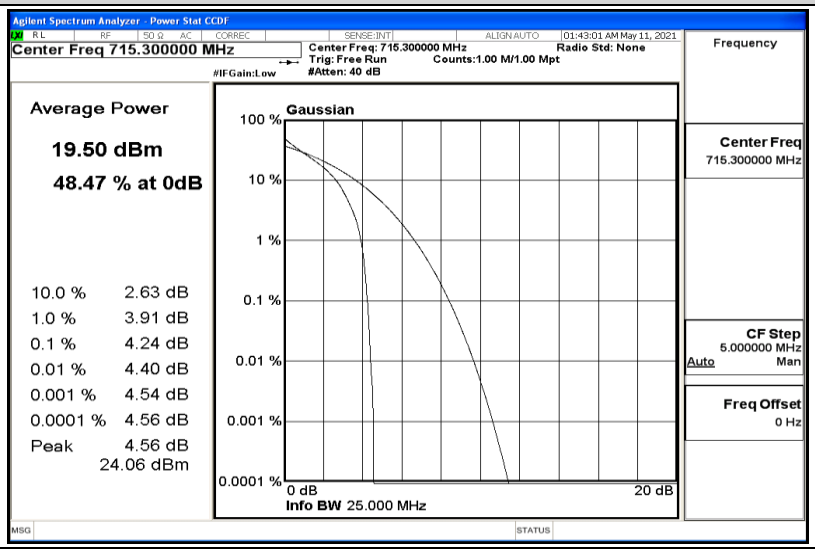
Band12-1.4MHz-QPSK-23017-6RB#0



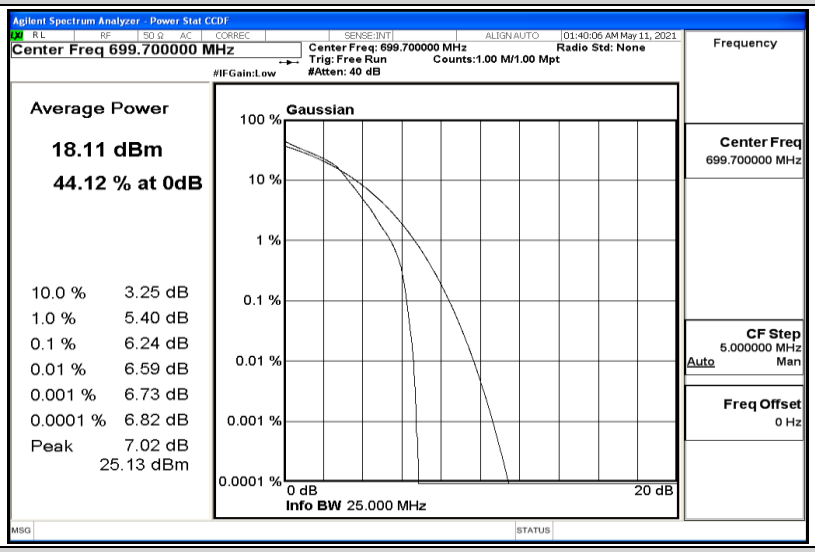
Band12-1.4MHz-QPSK-23095-6RB#0



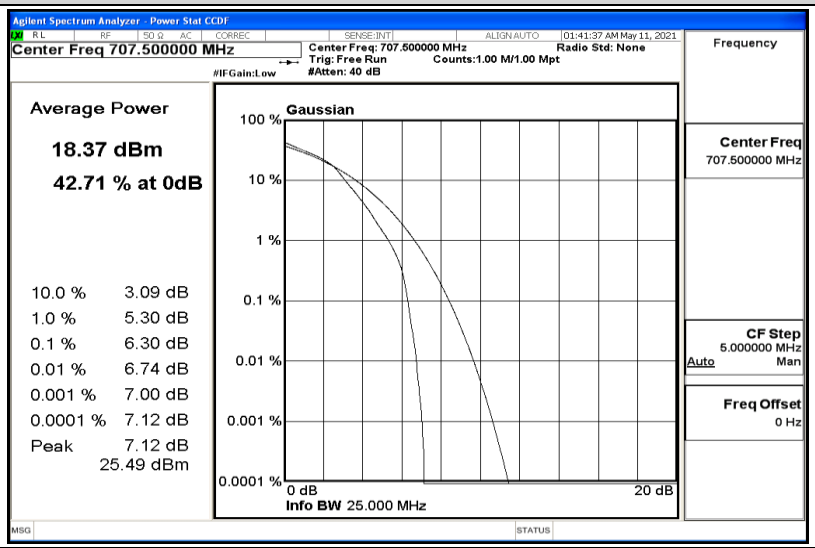
Band12-1.4MHz-QPSK-23173-6RB#0



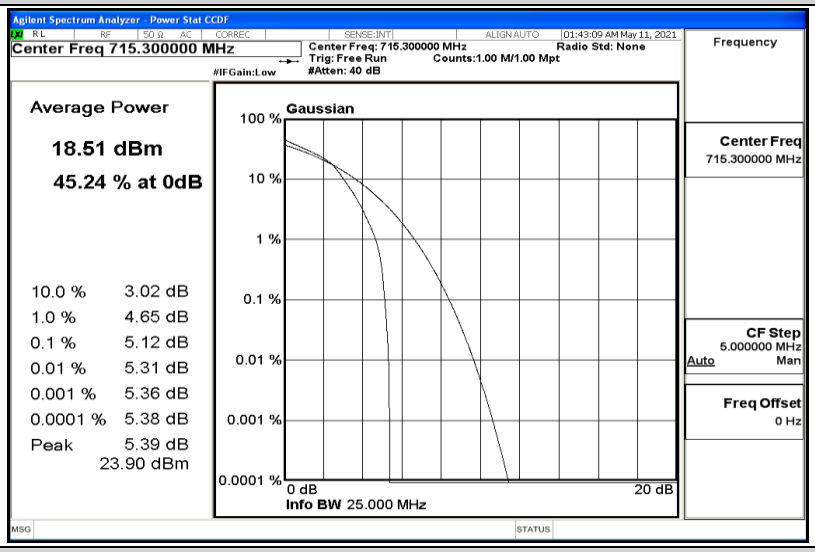
Band12-1.4MHz-16QAM-23017-6RB#0



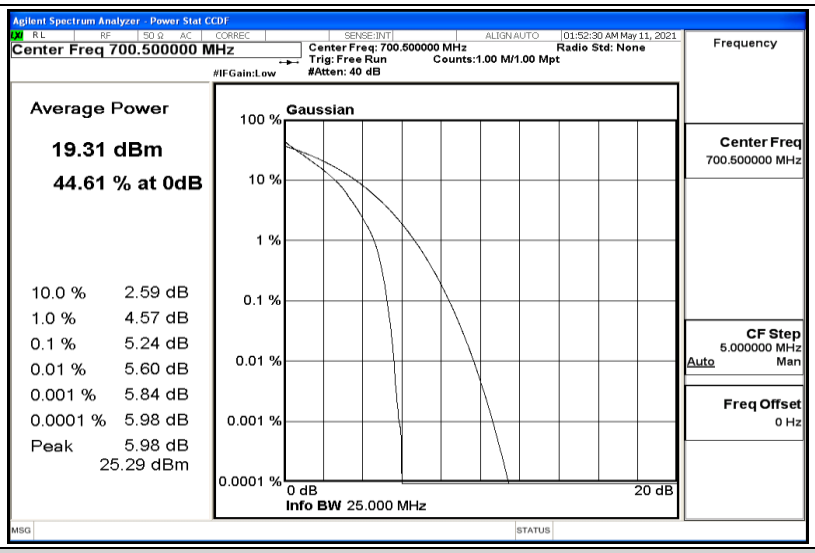
Band12-1.4MHz-16QAM-23095-6RB#0



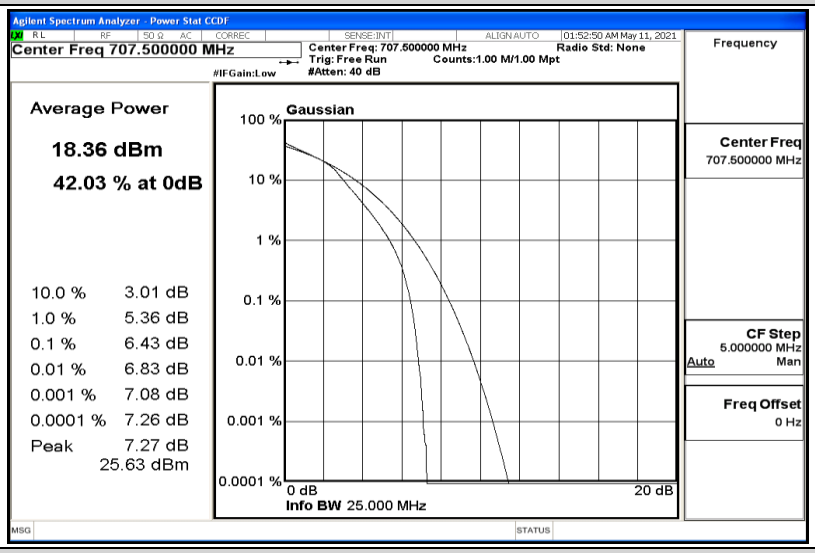
Band12-1.4MHz-16QAM-23173-6RB#0



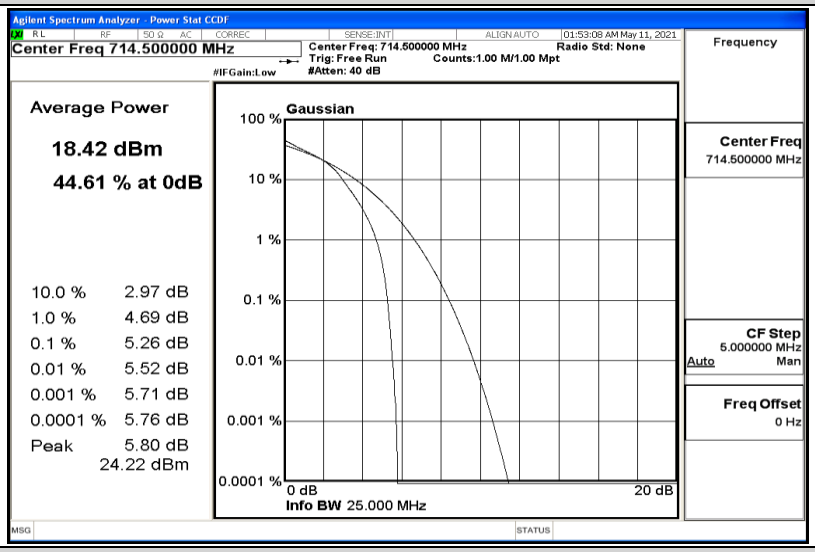
Band12-3MHz-QPSK-23025-15RB#0



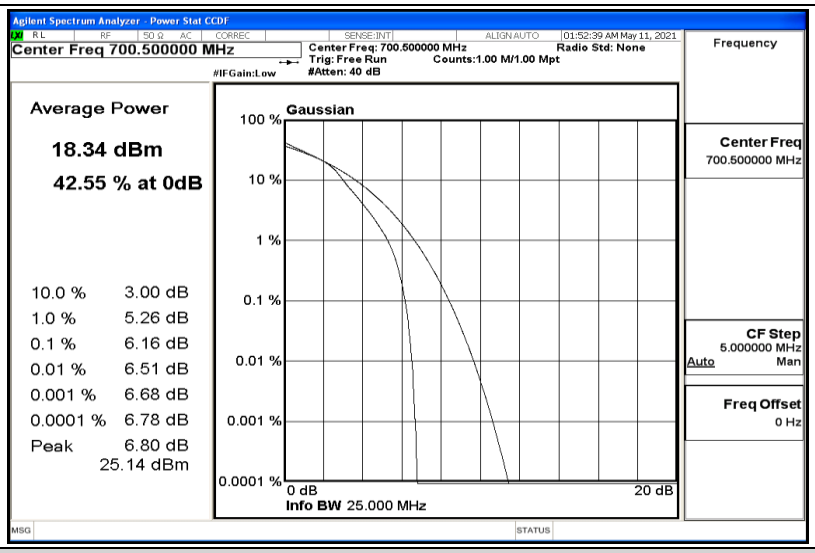
Band12-3MHz-QPSK-23095-15RB#0



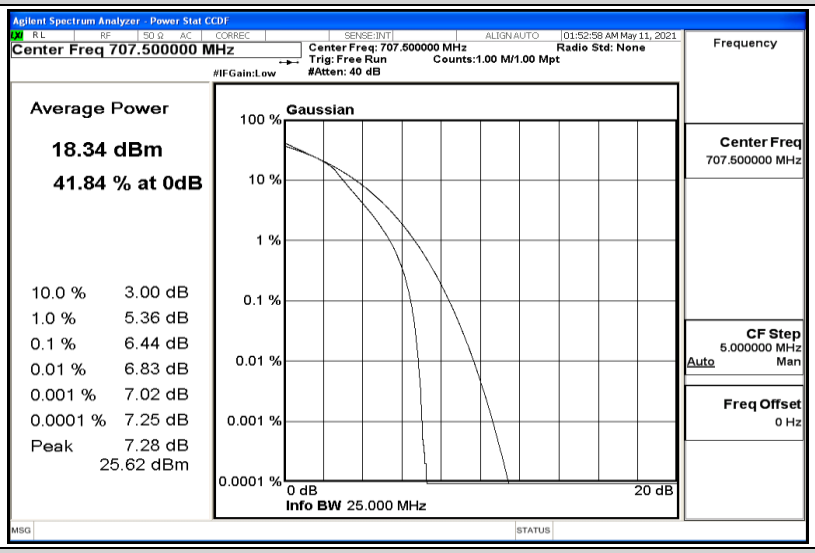
Band12-3MHz-QPSK-23165-15RB#0



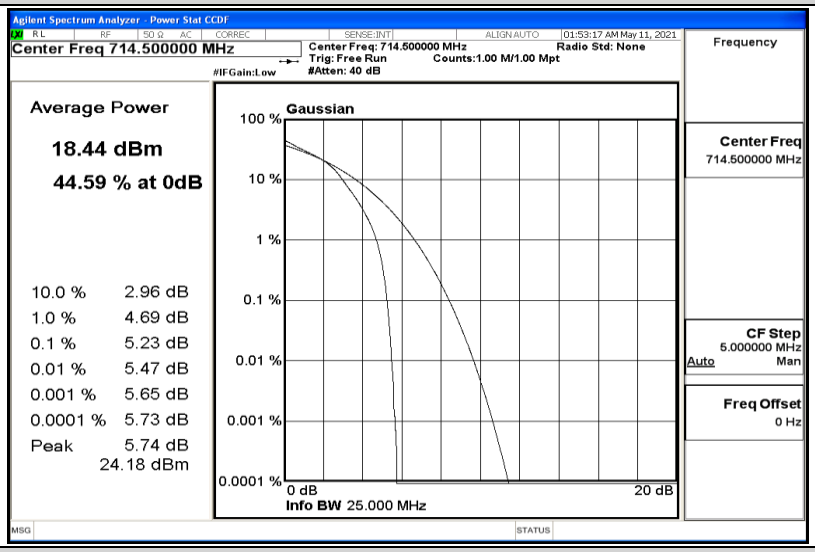
Band12-3MHz-16QAM-23025-15RB#0



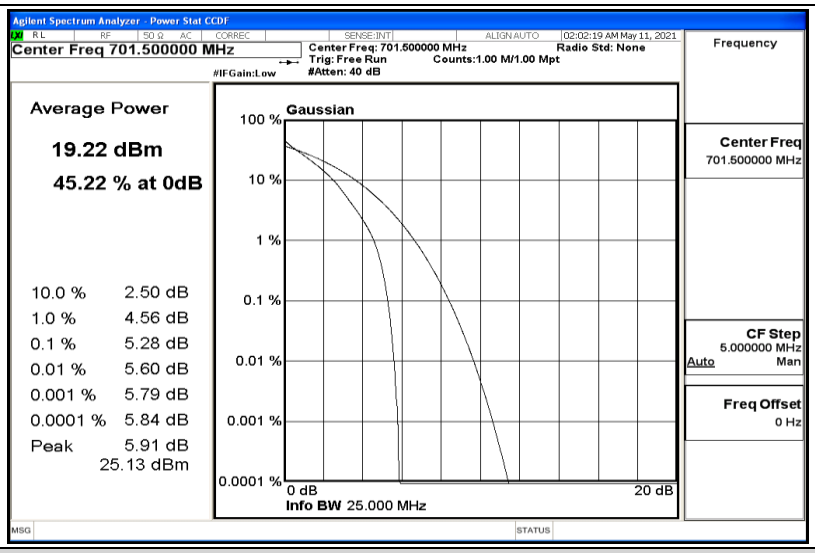
Band12-3MHz-16QAM-23095-15RB#0



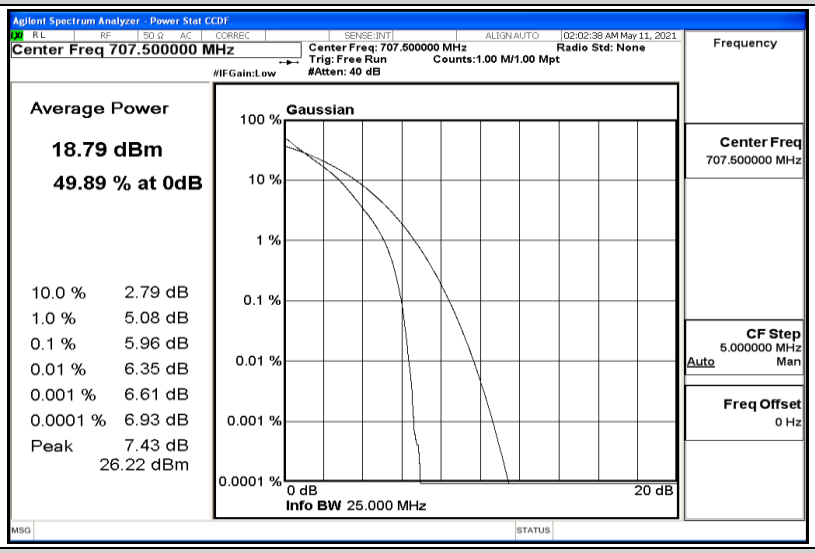
Band12-3MHz-16QAM-23165-15RB#0



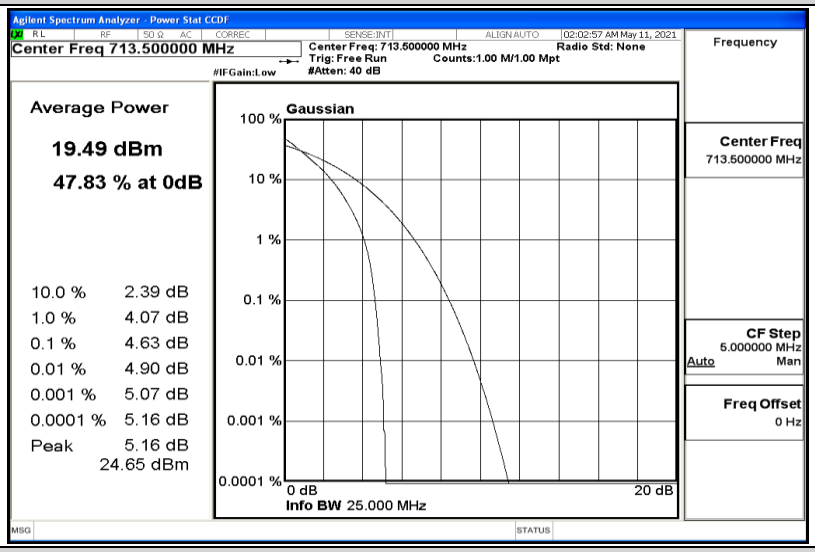
Band12-5MHz-QPSK-23035-25RB#0



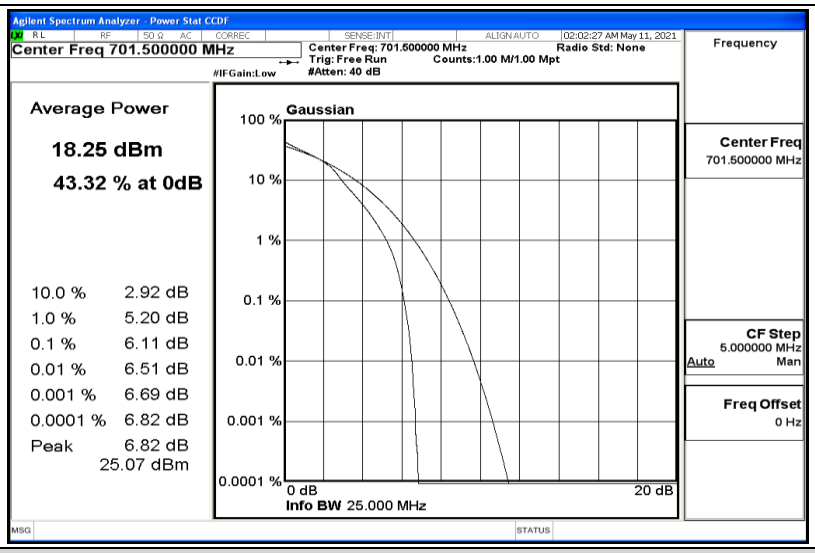
Band12-5MHz-QPSK-23095-25RB#0



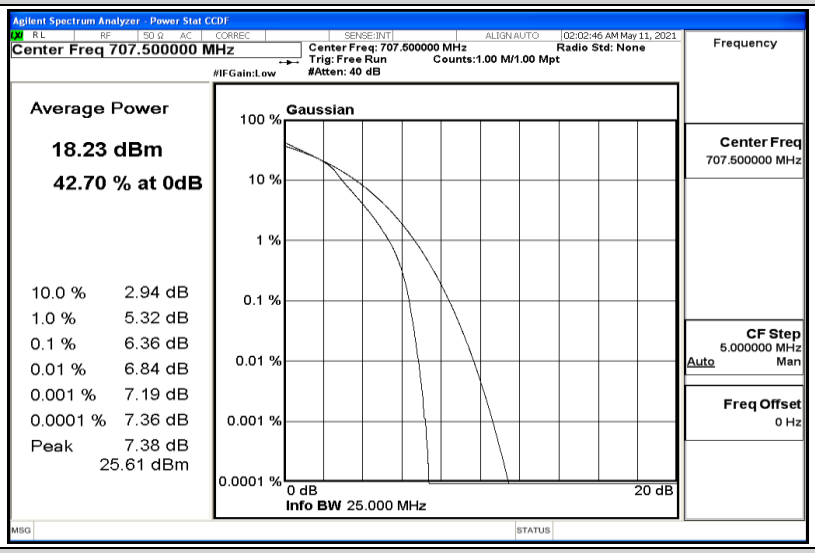
Band12-5MHz-QPSK-23155-25RB#0



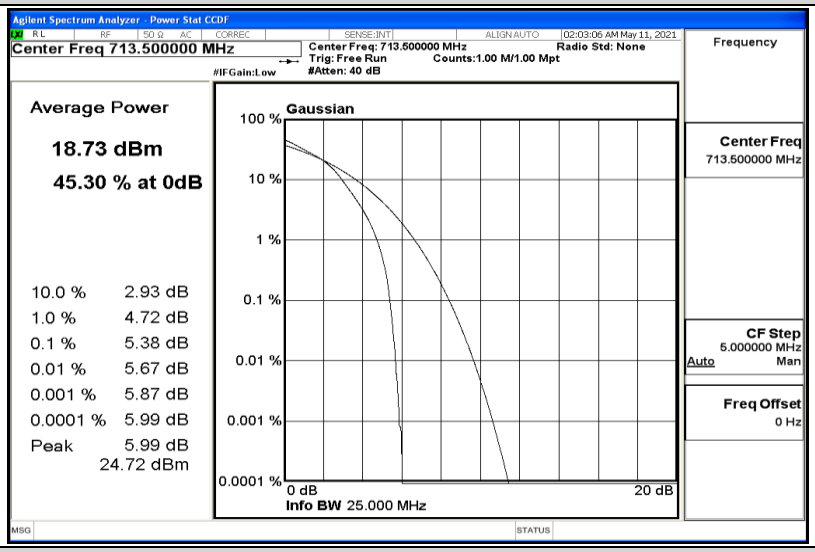
Band12-5MHz-16QAM-23035-25RB#0



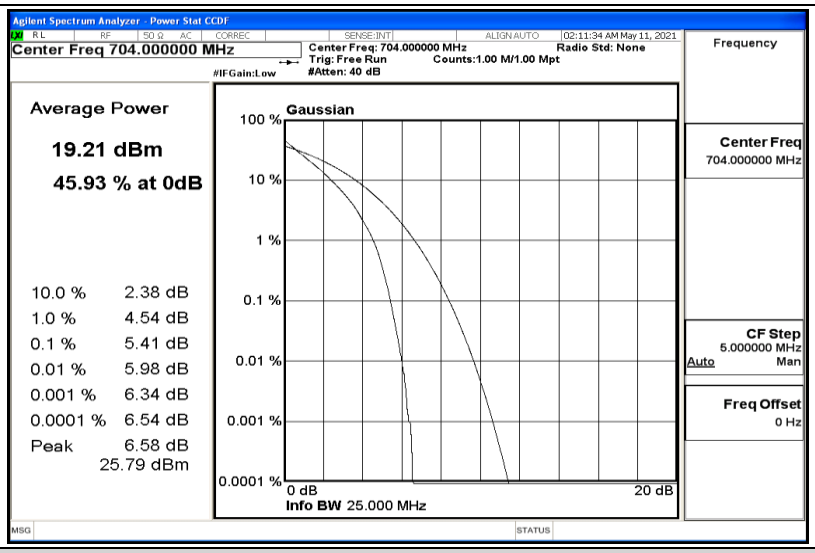
Band12-5MHz-16QAM-23095-25RB#0



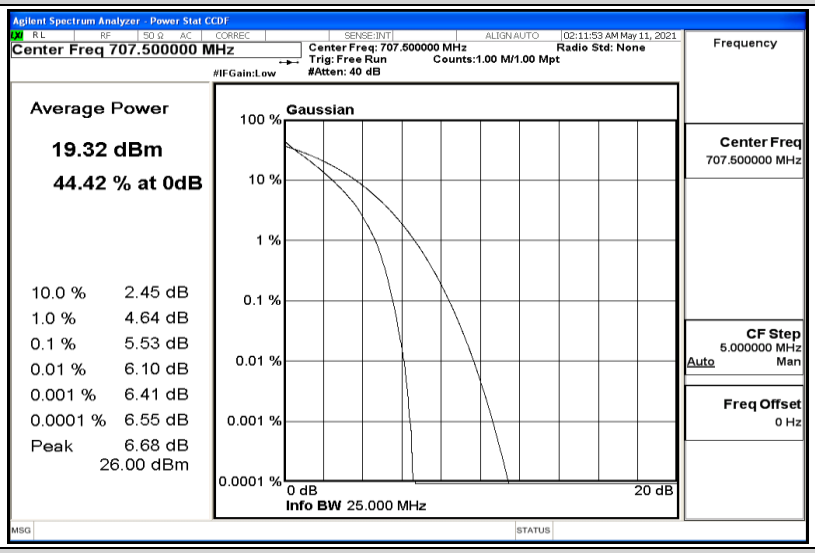
Band12-5MHz-16QAM-23155-25RB#0



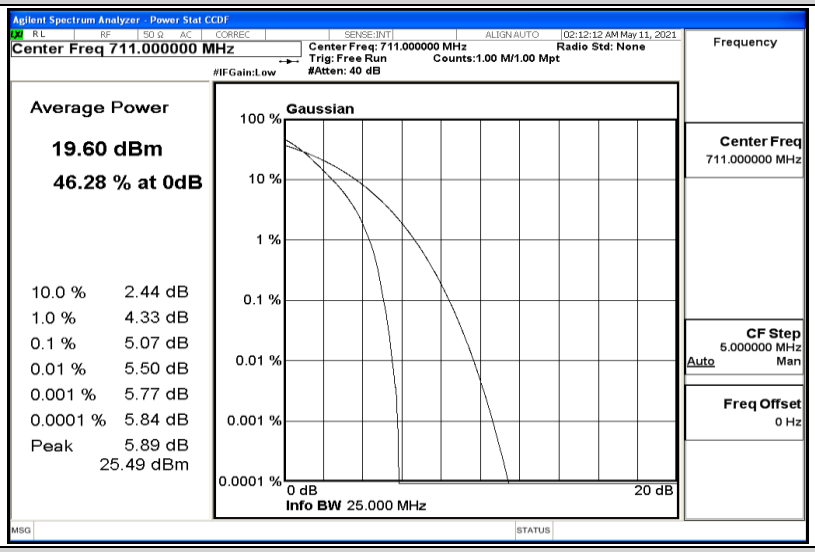
Band12-10MHz-QPSK-23060-50RB#0



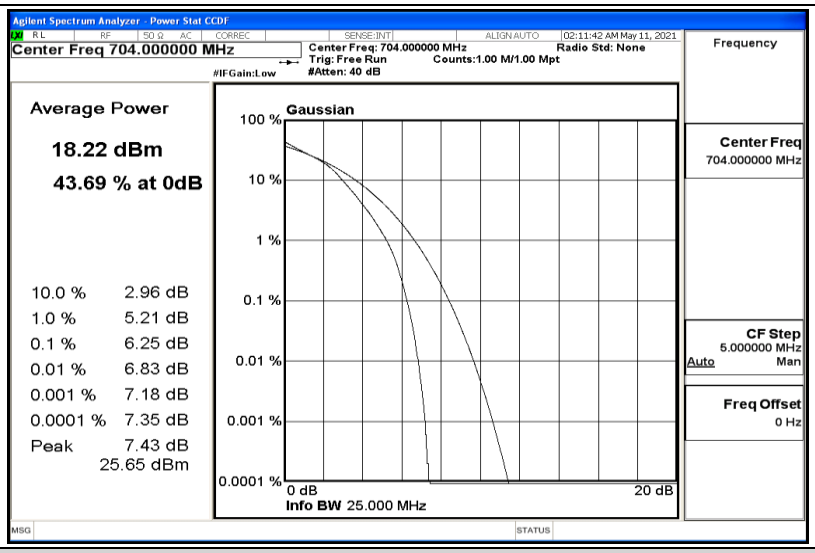
Band12-10MHz-QPSK-23095-50RB#0



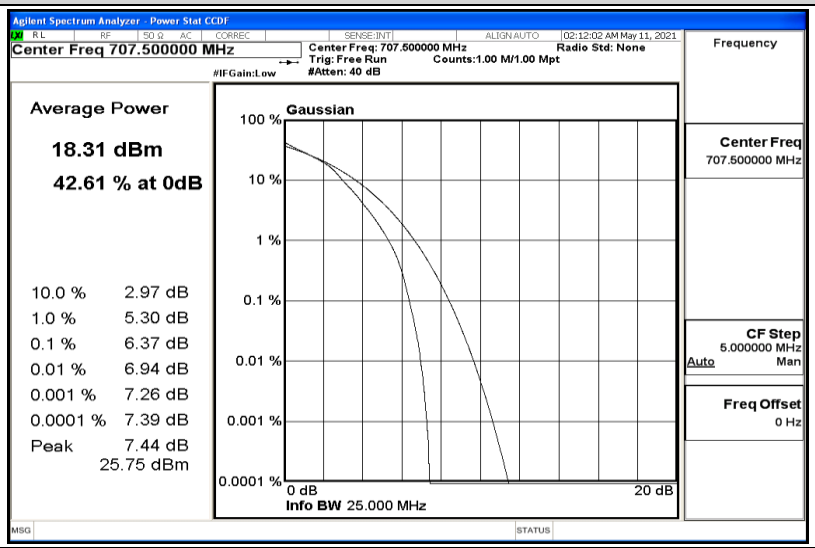
Band12-10MHz-QPSK-23130-50RB#0



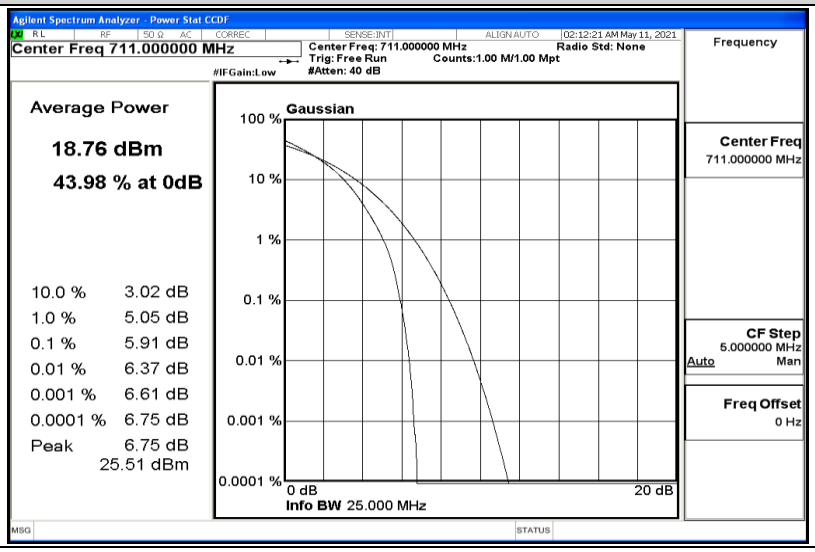
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



J.3 26dB Bandwidth and Occupied Bandwidth

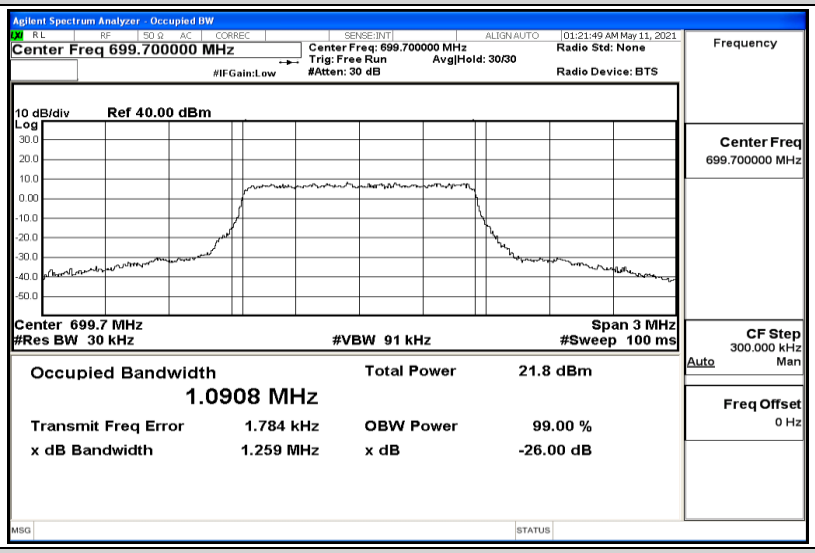
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0908	1.259	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0911	1.244	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0885	1.244	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0927	1.265	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0913	1.264	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0896	1.255	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6924	2.923	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6965	2.917	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6865	2.915	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6889	2.901	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6895	2.936	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6912	2.908	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5010	4.886	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5028	4.895	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4892	4.843	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4998	4.843	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5022	4.915	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4648	4.773	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9582	9.550	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.8261	9.554	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9547	9.517	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9438	9.527	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9721	9.550	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9341	9.523	PASS

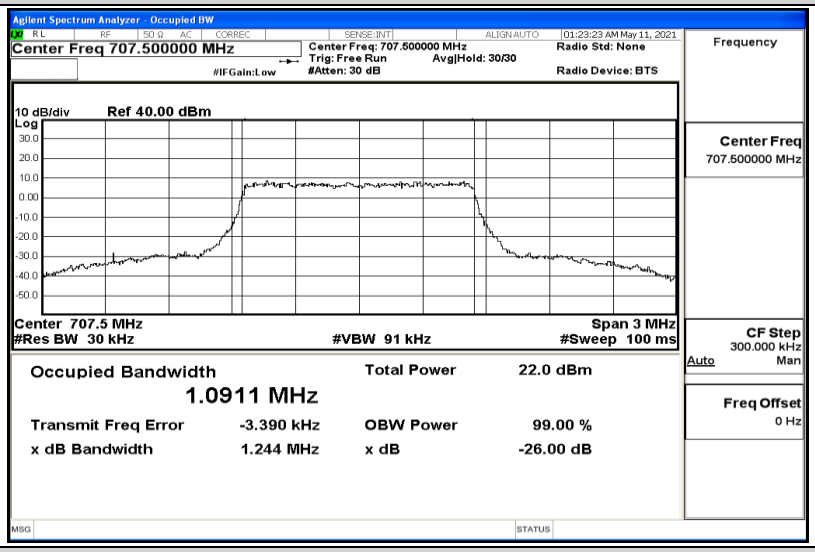
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

Test Graphs

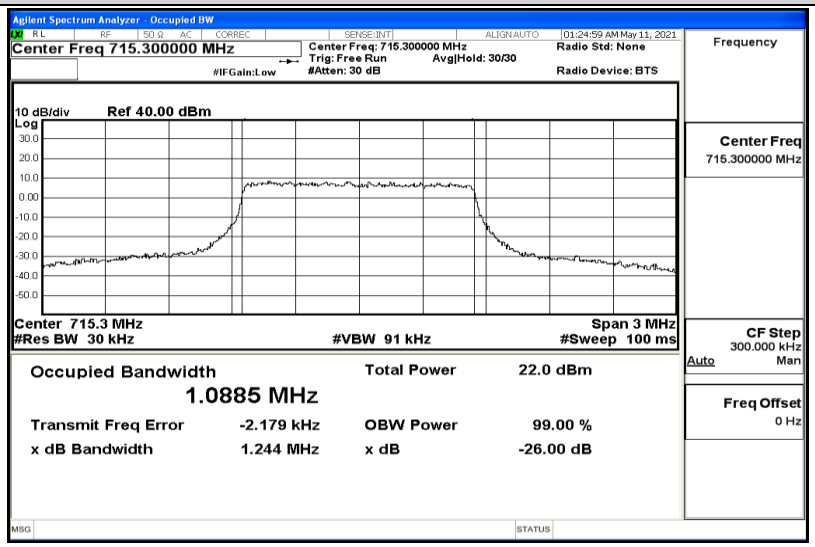
Band12-1.4MHz-QPSK-23017-6RB#0-1.0908



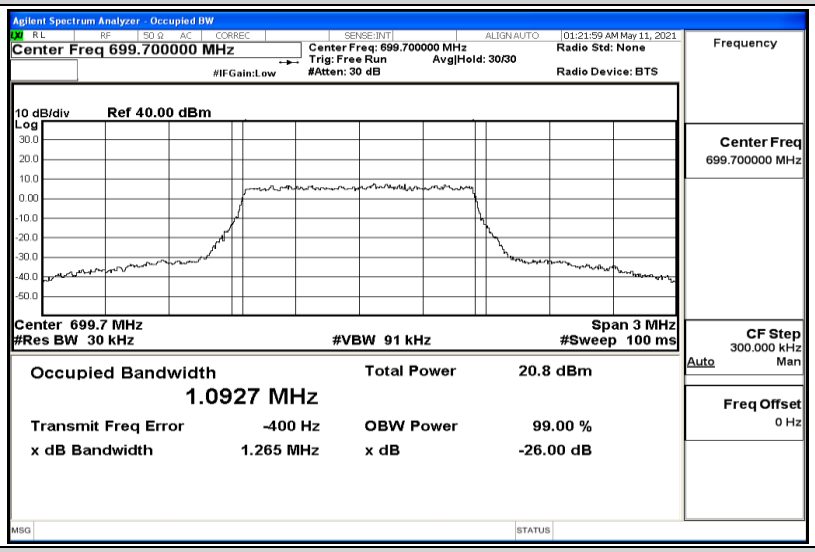
Band12-1.4MHz-QPSK-23095-6RB#0-1.0911



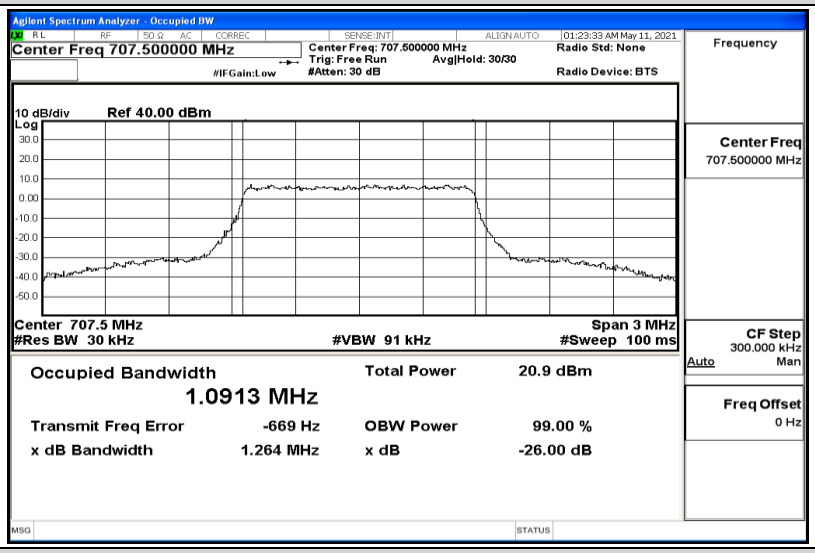
Band12-1.4MHz-QPSK-23173-6RB#0-1.0885



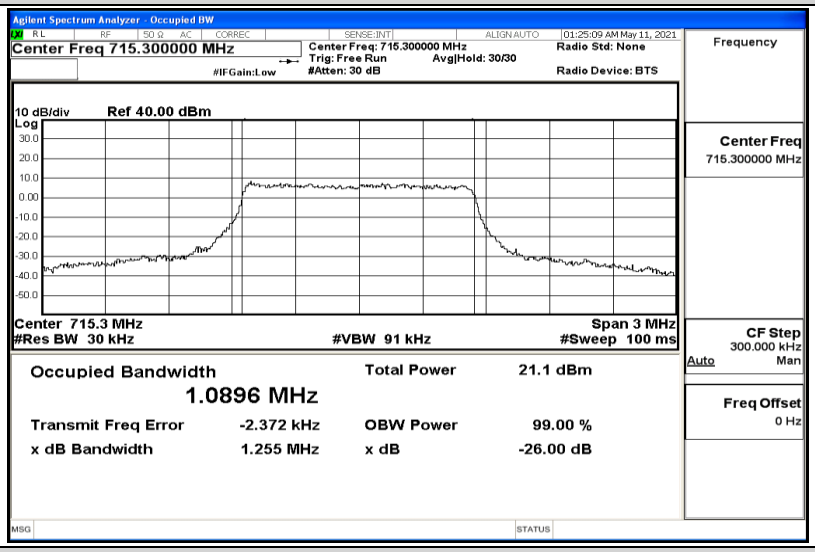
Band12-1.4MHz-16QAM-23017-6RB#0-1.0927



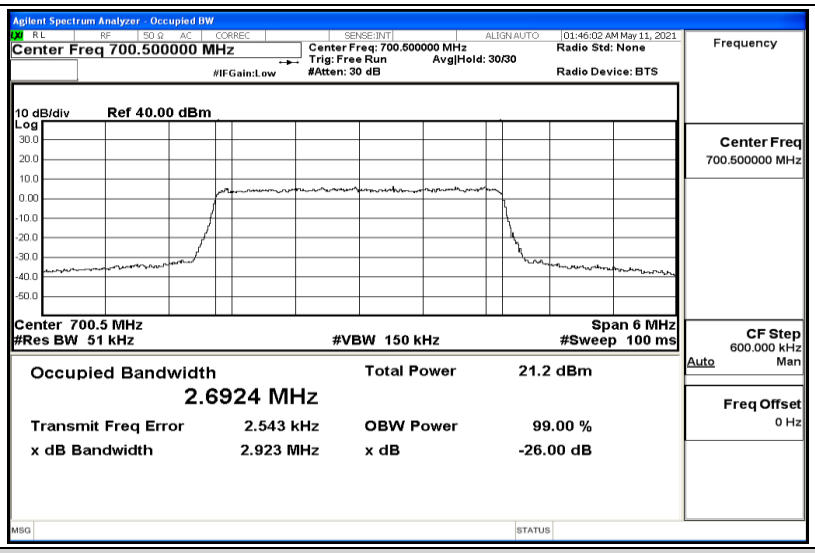
Band12-1.4MHz-16QAM-23095-6RB#0-1.0913



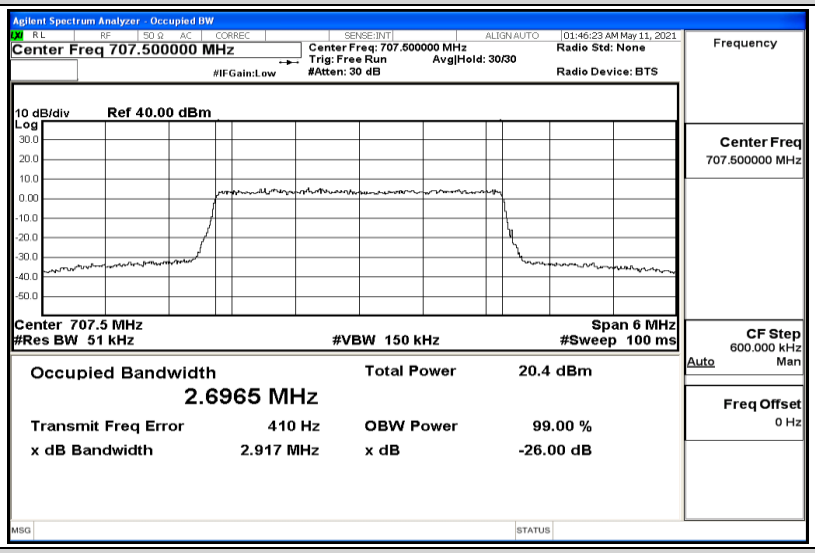
Band12-1.4MHz-16QAM-23173-6RB#0-1.0896



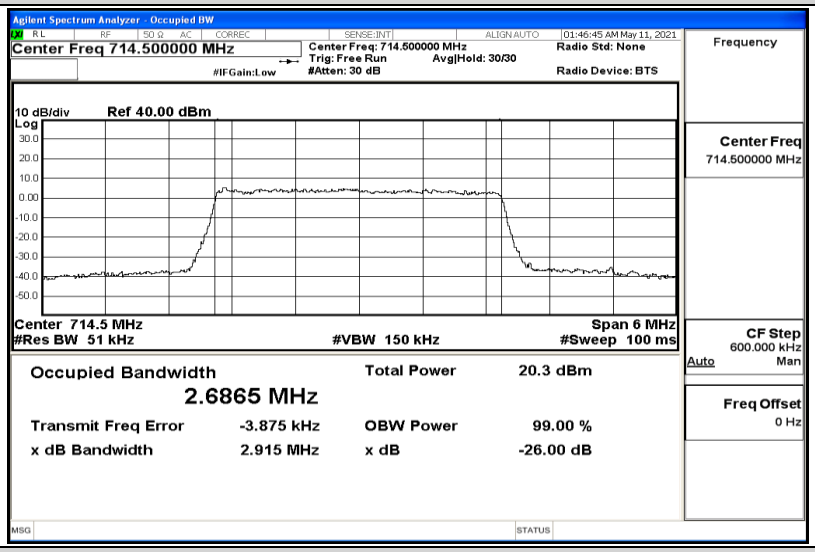
Band12-3MHz-QPSK-23025-15RB#0-2.6924



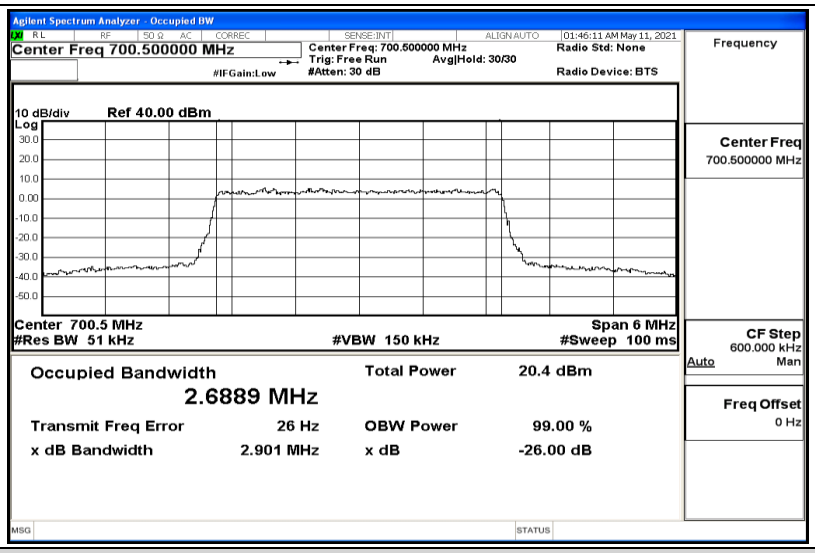
Band12-3MHz-QPSK-23095-15RB#0-2.6965



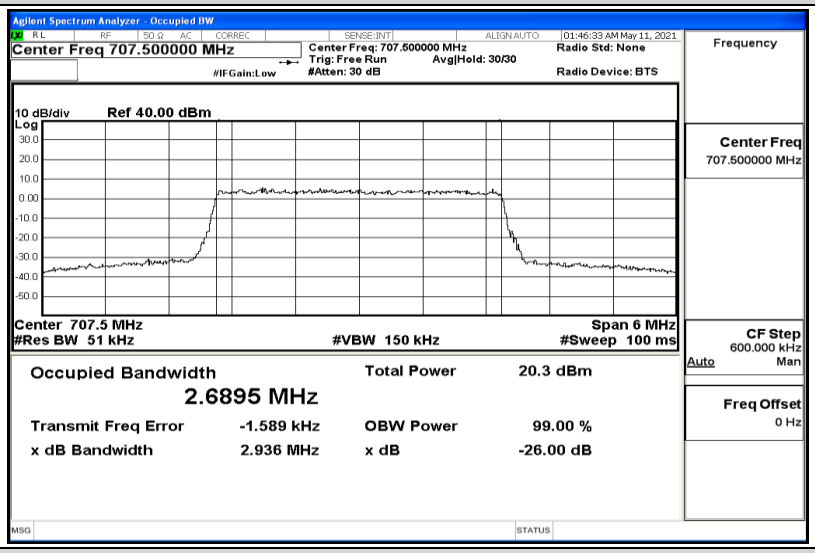
Band12-3MHz-QPSK-23165-15RB#0-2.6865



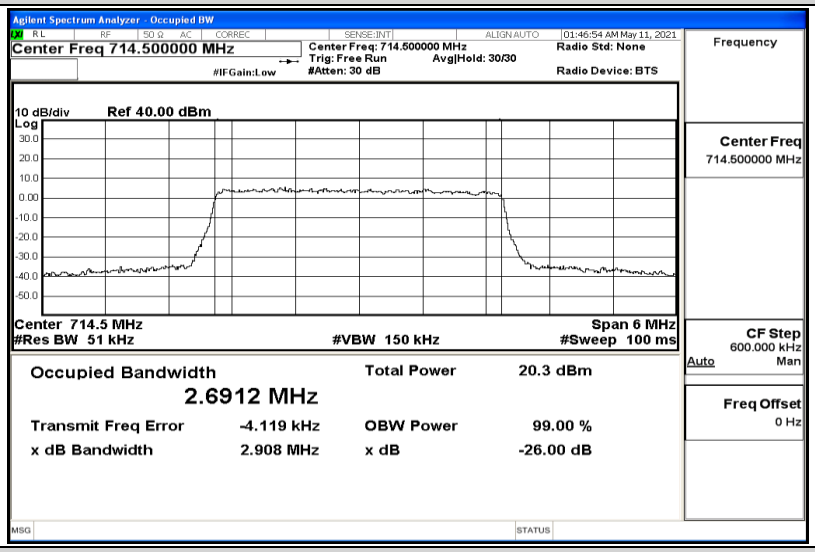
Band12-3MHz-16QAM-23025-15RB#0-2.6889



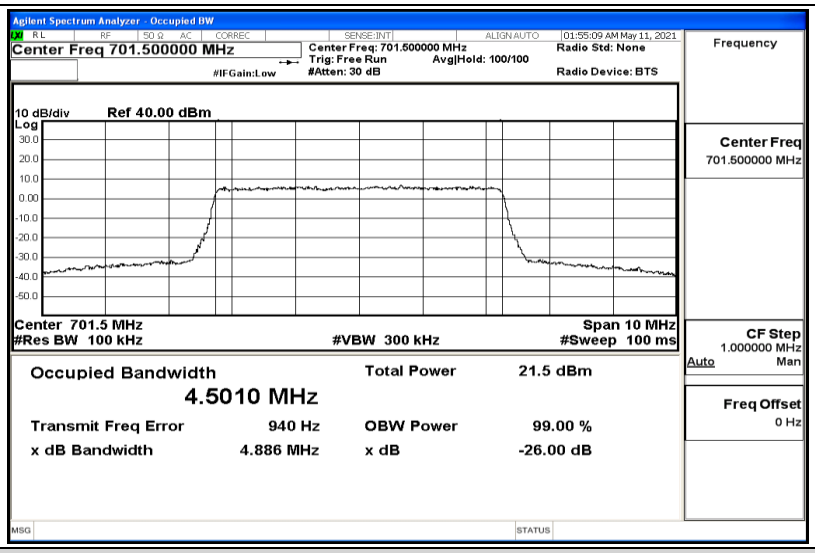
Band12-3MHz-16QAM-23095-15RB#0-2.6895



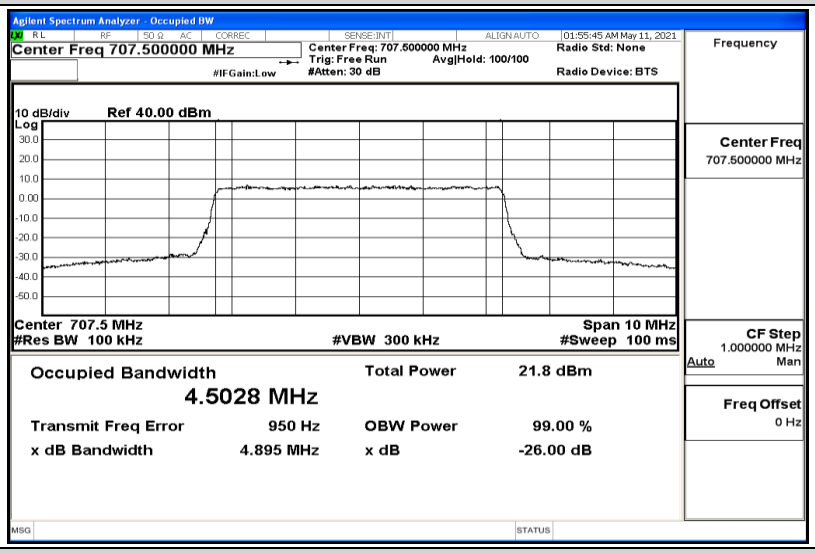
Band12-3MHz-16QAM-23165-15RB#0-2.6912



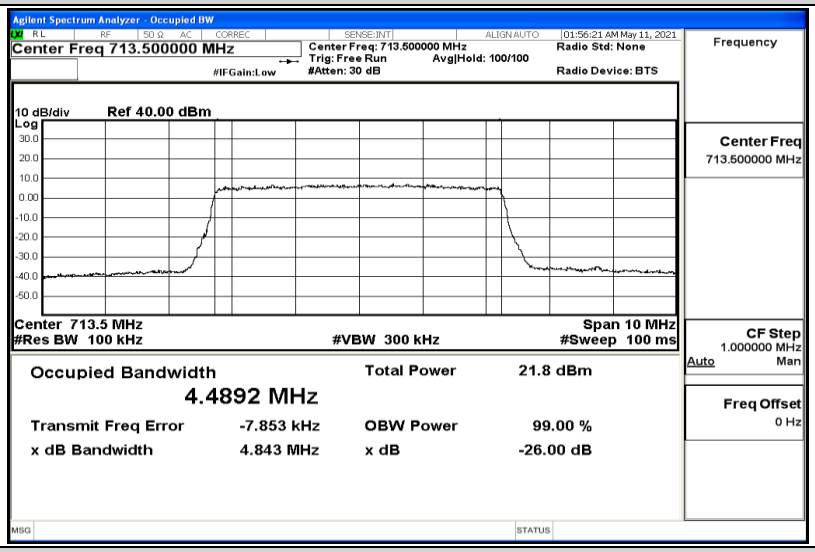
Band12-5MHz-QPSK-23035-25RB#0-4.5010



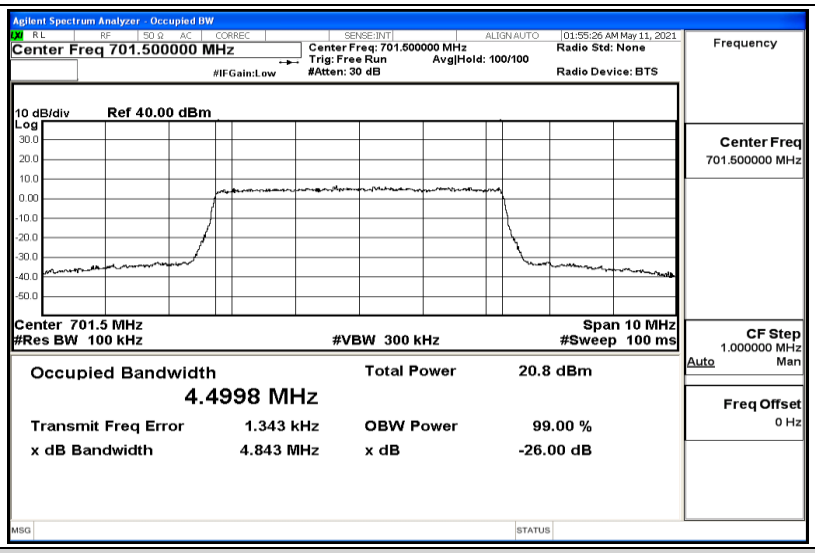
Band12-5MHz-QPSK-23095-25RB#0-4.5028



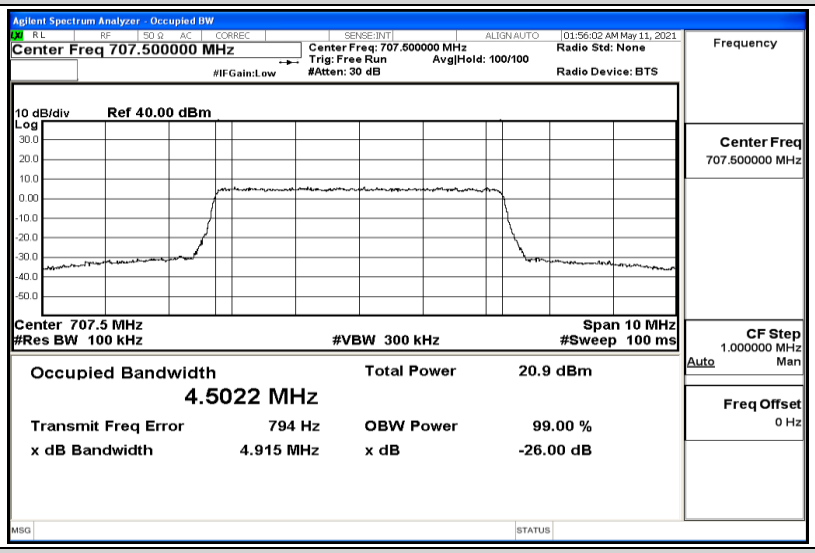
Band12-5MHz-QPSK-23155-25RB#0-4.4892



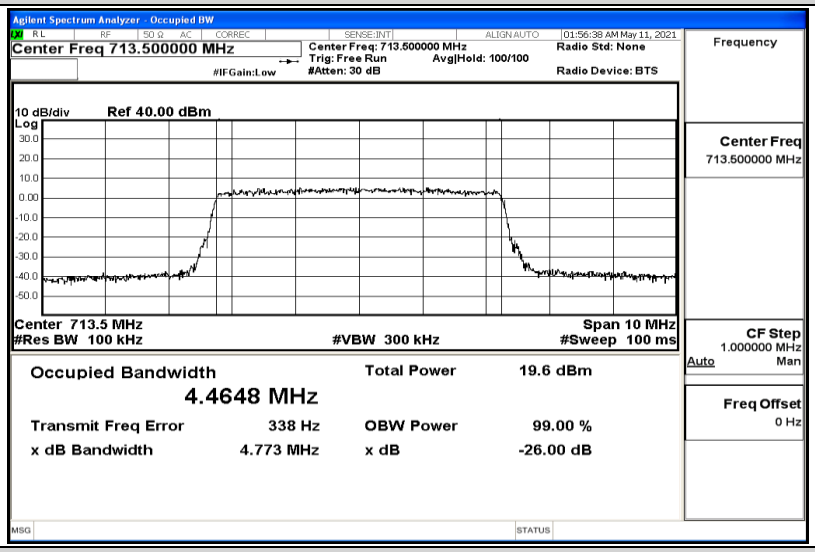
Band12-5MHz-16QAM-23035-25RB#0-4.4998



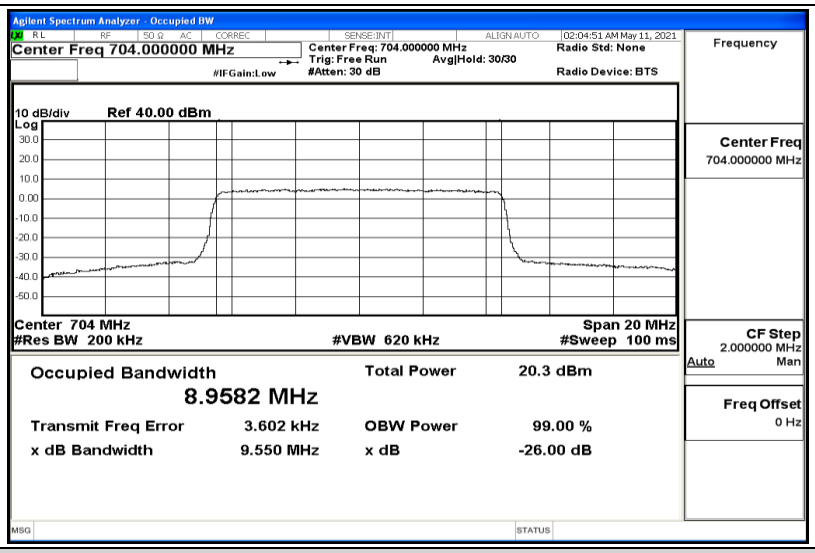
Band12-5MHz-16QAM-23095-25RB#0-4.5022



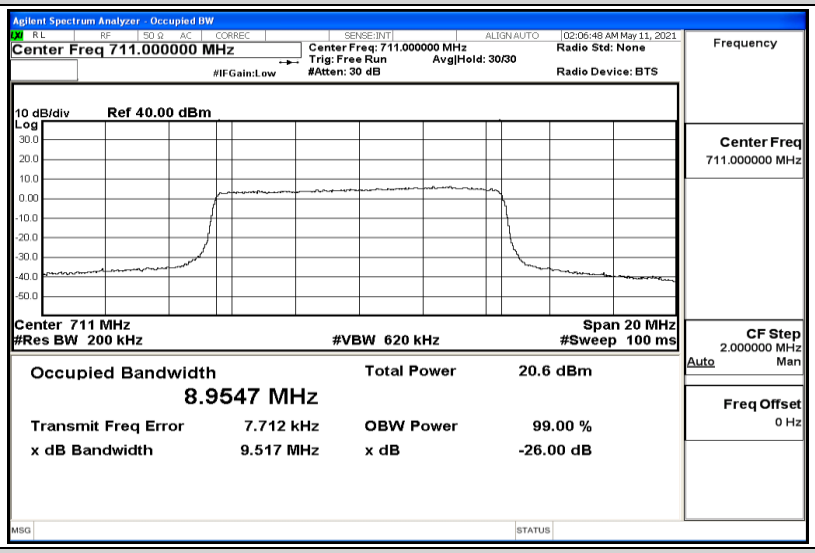
Band12-5MHz-16QAM-23155-25RB#0-4.4648



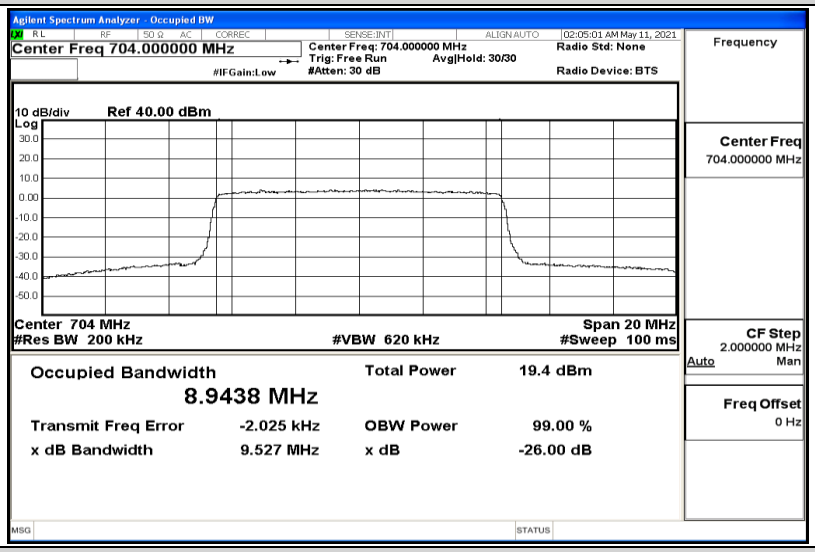
Band12-10MHz-QPSK-23060-50RB#0-8.9582



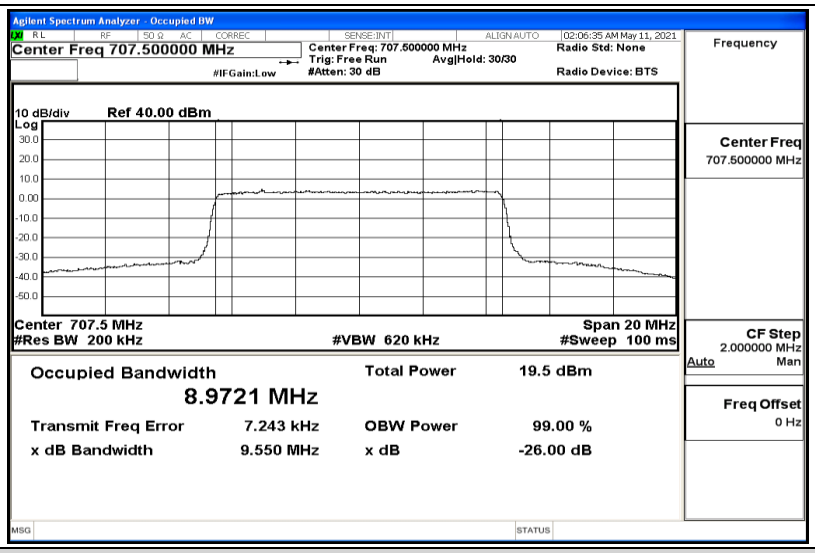
Band12-10MHz-QPSK-23130-50RB#0-8.9547



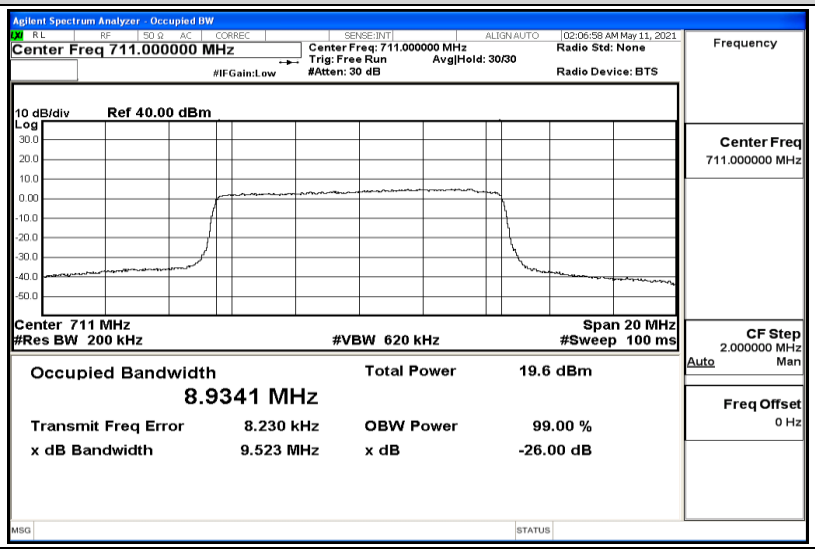
Band12-10MHz-16QAM-23060-50RB#0-8.9438



Band12-10MHz-16QAM-23095-50RB#0-8.9721



Band12-10MHz-16QAM-23130-50RB#0-8.9341



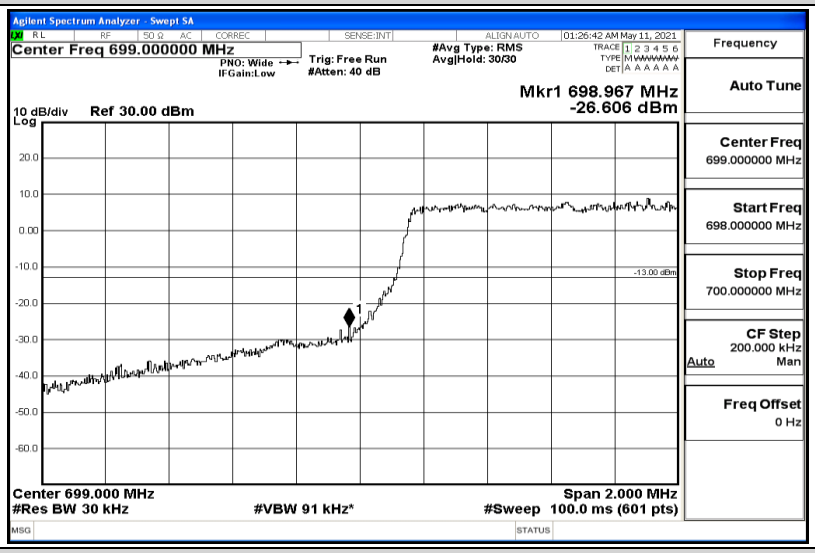
J.4 Band Edge

Test Result

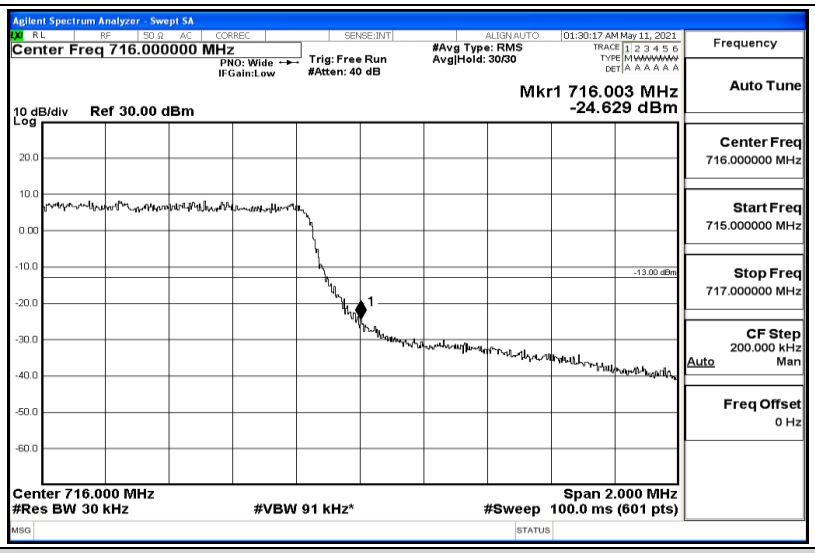
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-26.61	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.63	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-27.88	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.11	PASS
Band12	3MHz	QPSK	23025	15RB#0	-26.26	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.05	PASS
Band12	3MHz	16QAM	23025	15RB#0	-22.62	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.16	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.61	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.73	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.79	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.75	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.53	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.00	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.20	PASS
Band12	10MHz	16QAM	23130	50RB#0	-30.73	PASS

Test Graphs

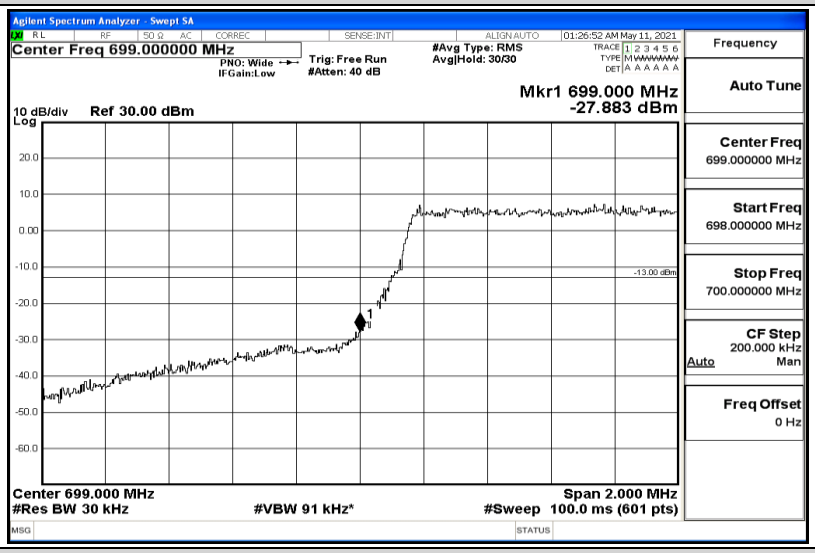
Band12-1.4MHz-QPSK-23017-6RB#0



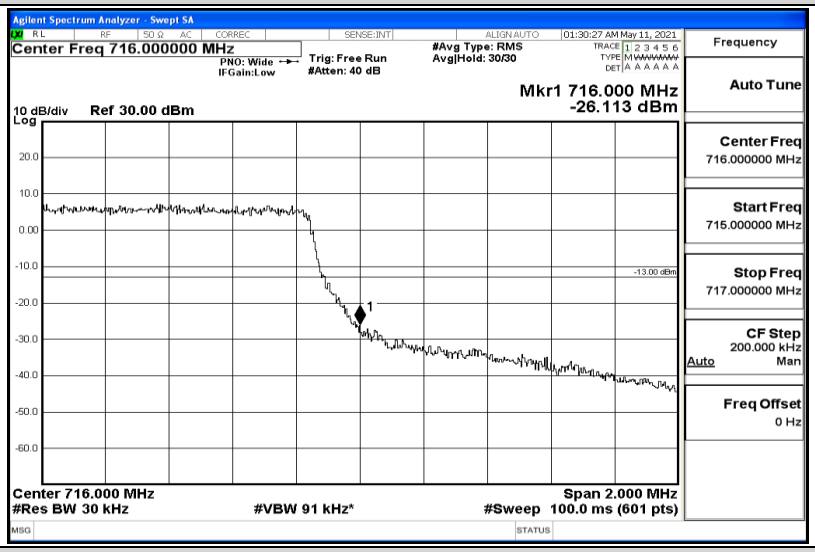
Band12-1.4MHz-QPSK-23173-6RB#0



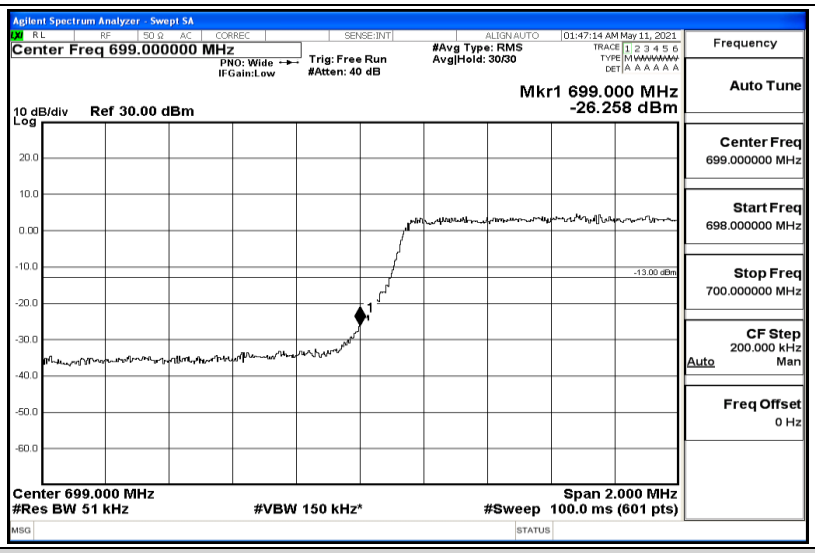
Band12-1.4MHz-16QAM-23017-6RB#0



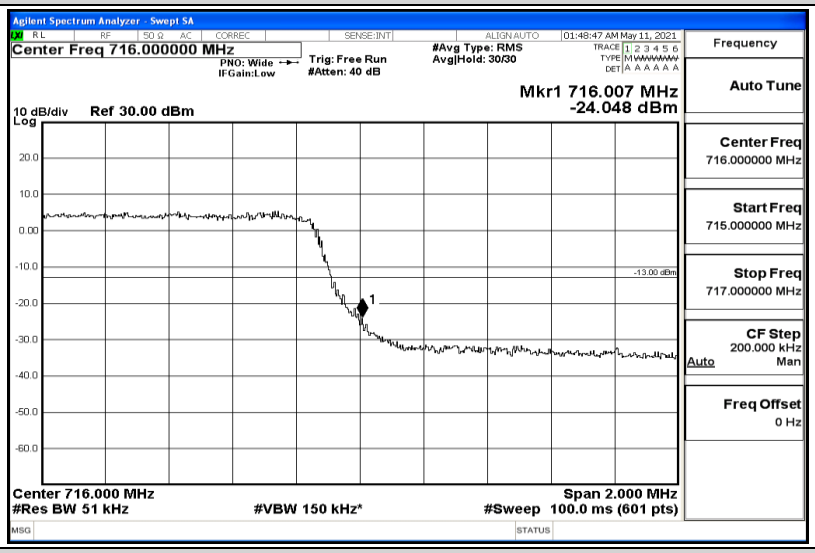
Band12-1.4MHz-16QAM-23173-6RB#0



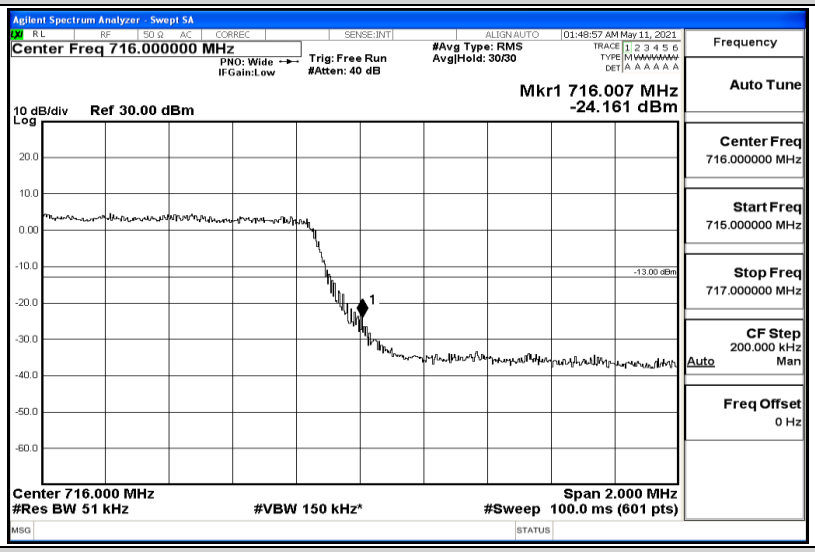
Band12-3MHz-QPSK-23025-15RB#0



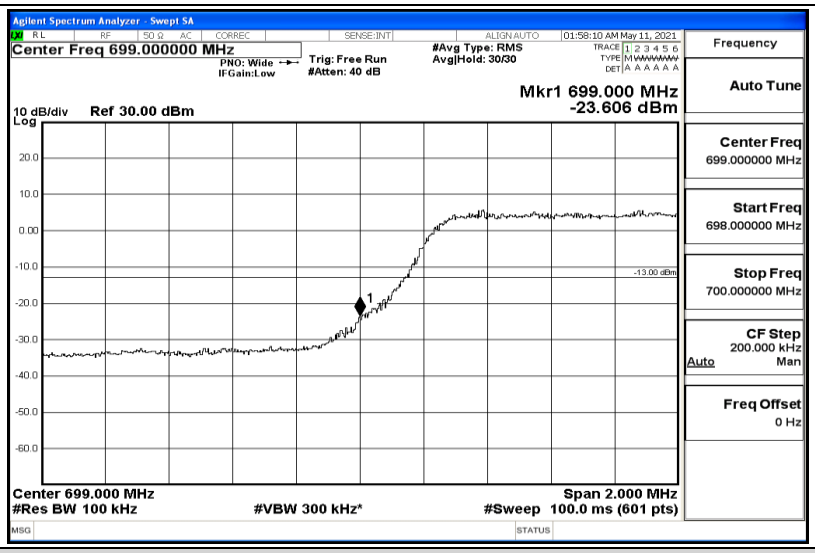
Band12-3MHz-QPSK-23165-15RB#0



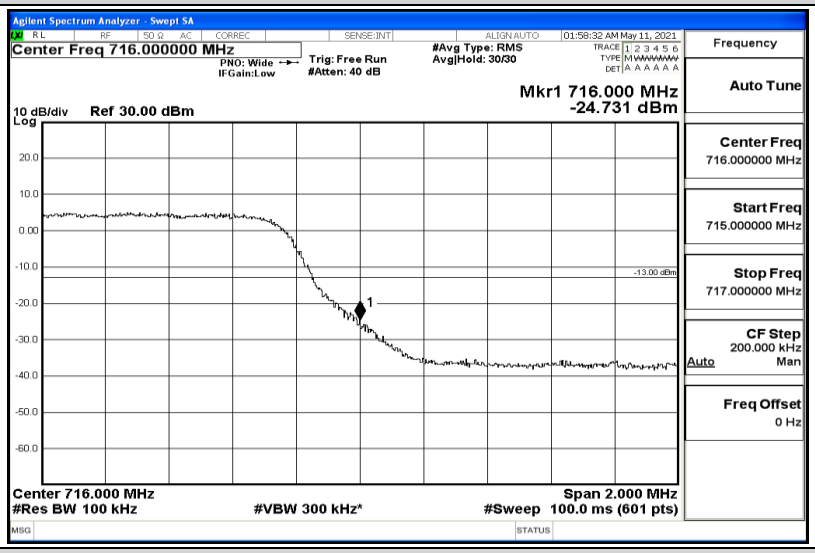
Band12-3MHz-16QAM-23165-15RB#0



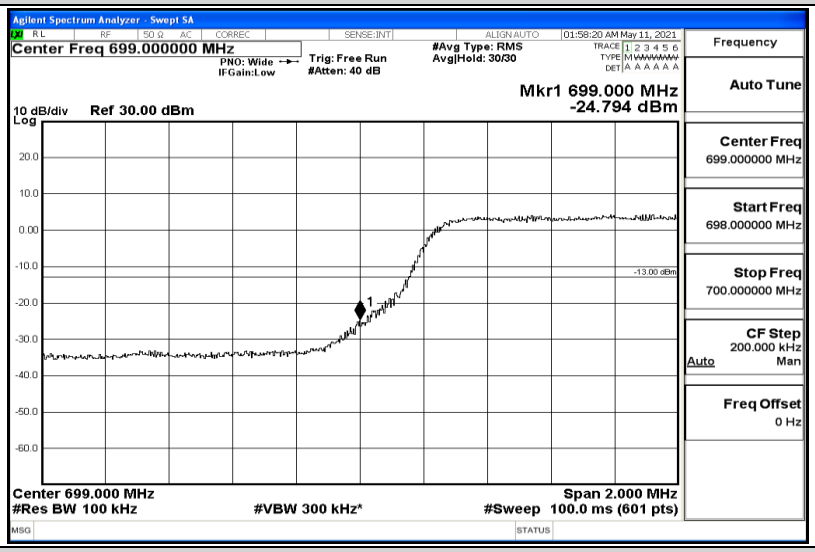
Band12-5MHz-QPSK-23035-25RB#0



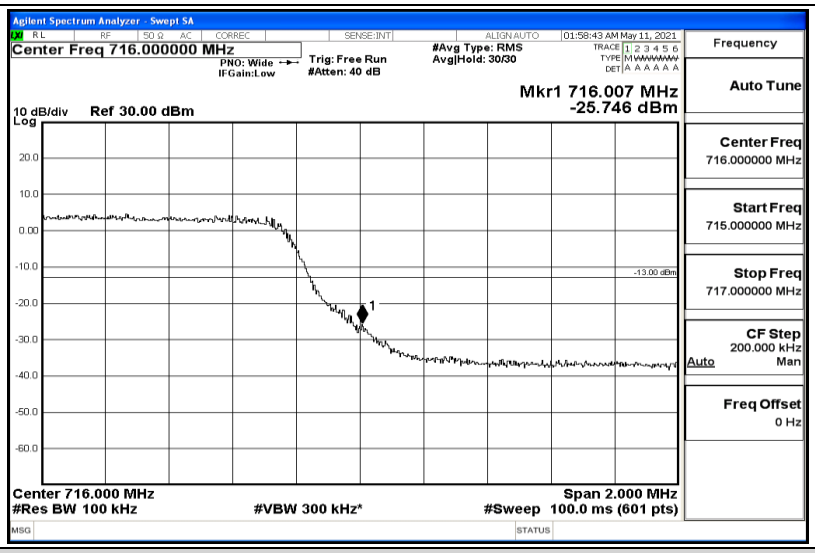
Band12-5MHz-QPSK-23155-25RB#0



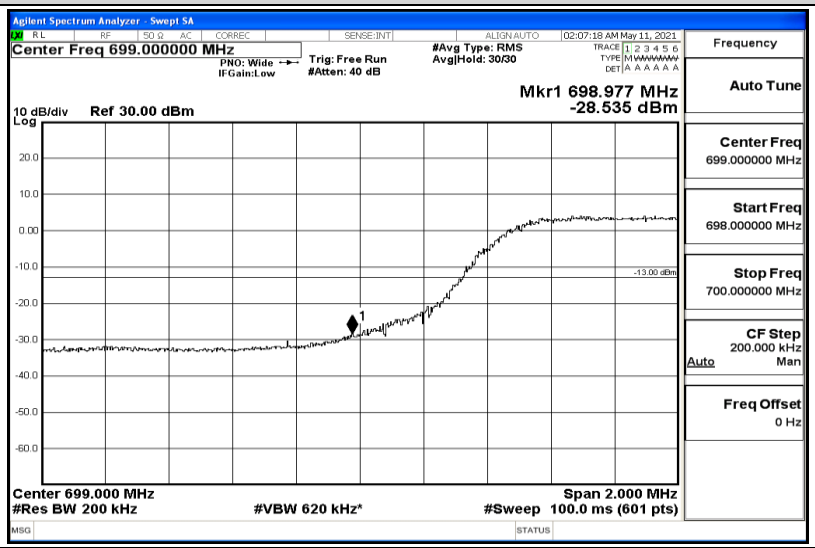
Band12-5MHz-16QAM-23035-25RB#0



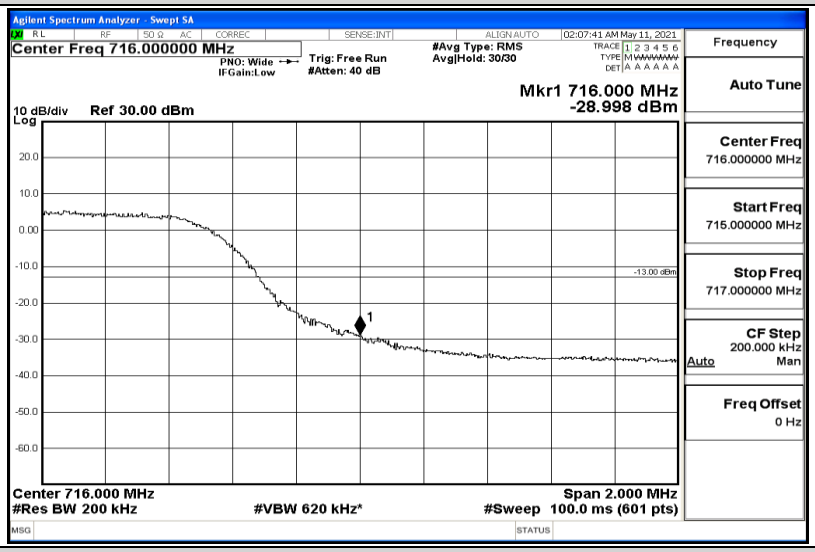
Band12-5MHz-16QAM-23155-25RB#0



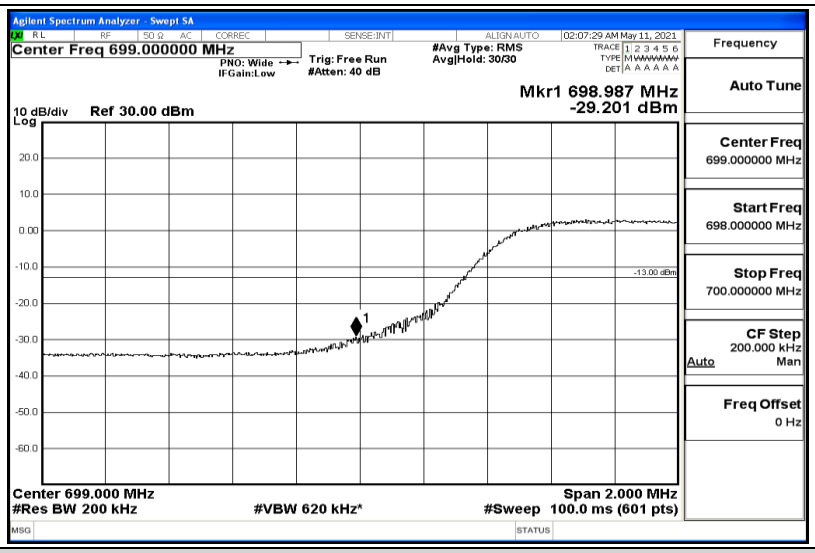
Band12-10MHz-QPSK-23060-50RB#0



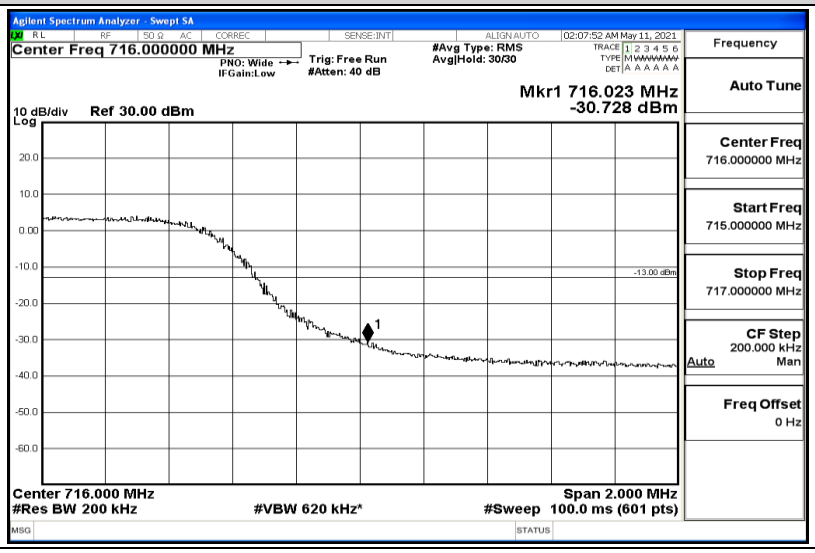
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



J.5 Conducted Spurious Emission

Test Result

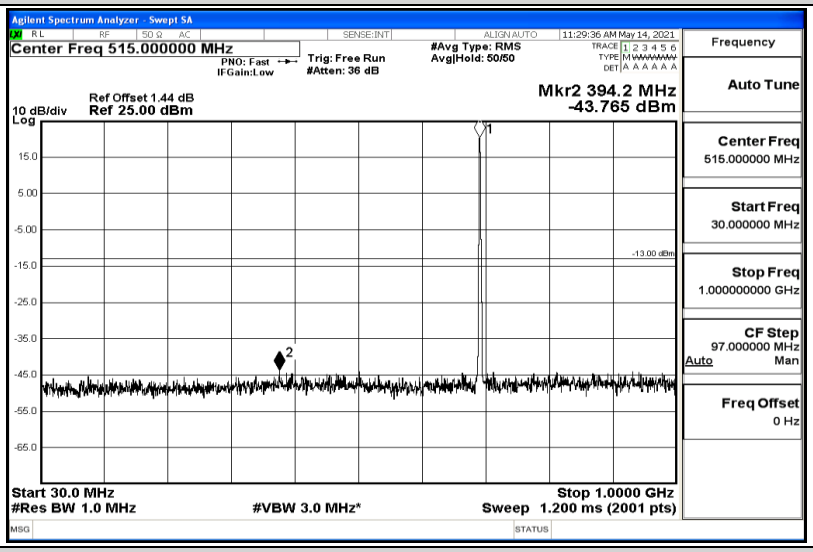
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-43.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-46.62	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-43.71	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.6	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-43.76	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-46.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-43.49	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-46.6	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-43.6	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-44.4	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-46.57	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-44.2	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-46.63	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-43.55	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.72	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-44.06	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-46.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-44.21	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-46.57	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.23	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.59	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-42.53	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-46.46	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-43.32	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-46.63	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-43.99	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.53	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-44.11	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-46.68	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-43.24	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-46.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-42.7	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.64	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-44.01	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-46.53	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-43.61	PASS

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

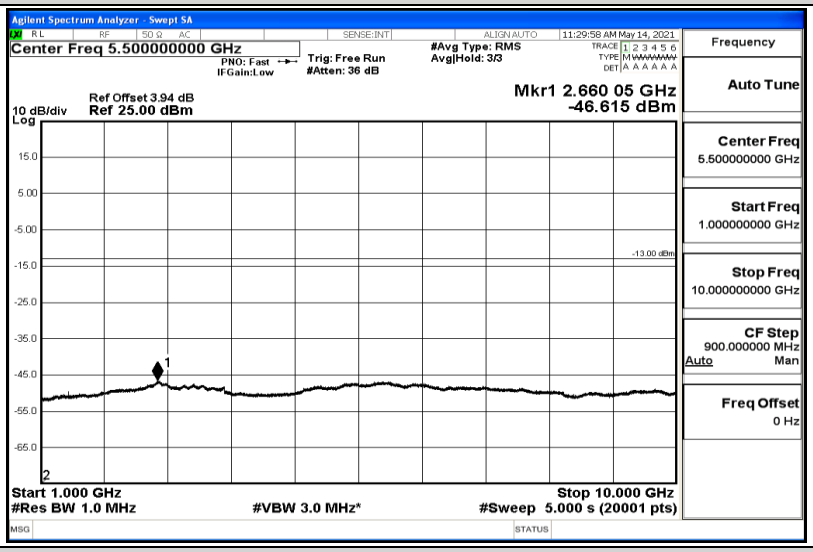
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-46.44	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-43.65	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.63	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-44.25	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-46.62	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-43.65	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-46.55	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-43.93	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.54	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-44.04	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-46.62	PASS

Test Graphs

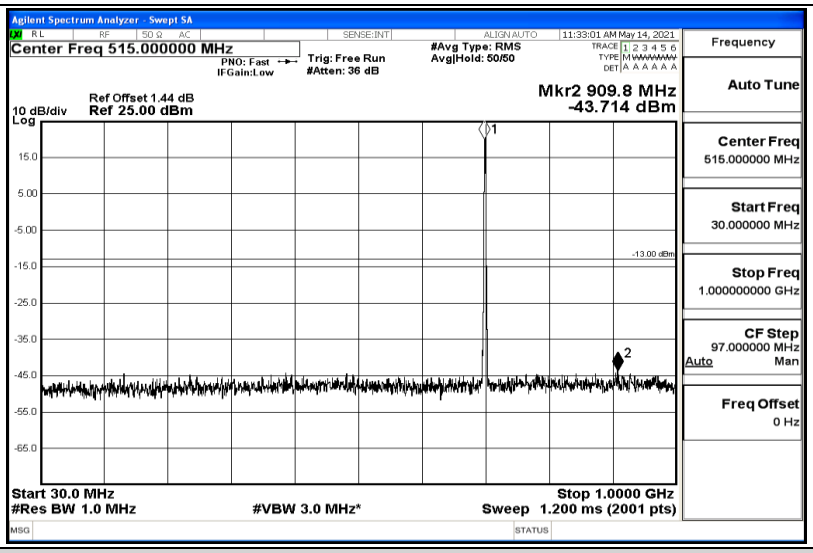
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



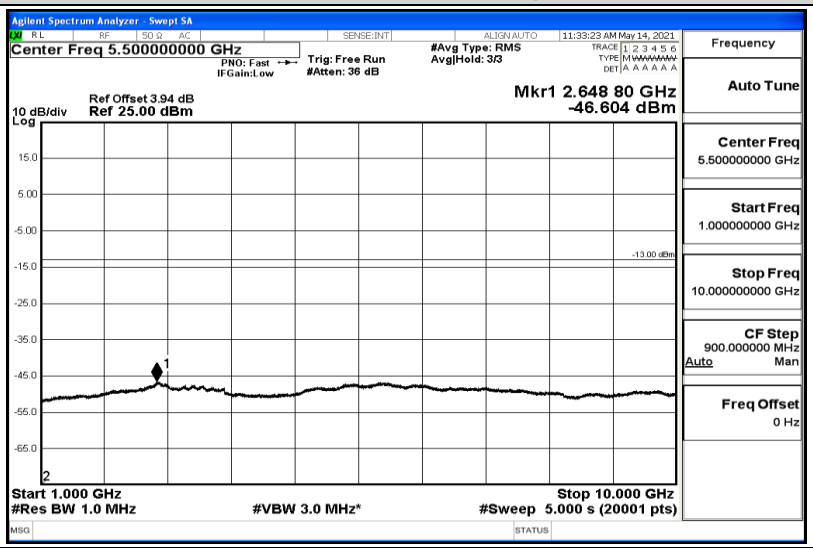
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



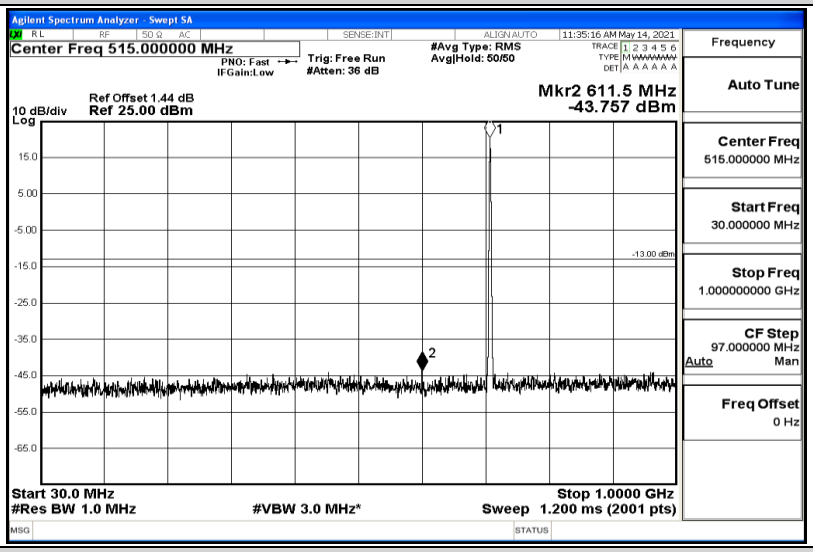
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



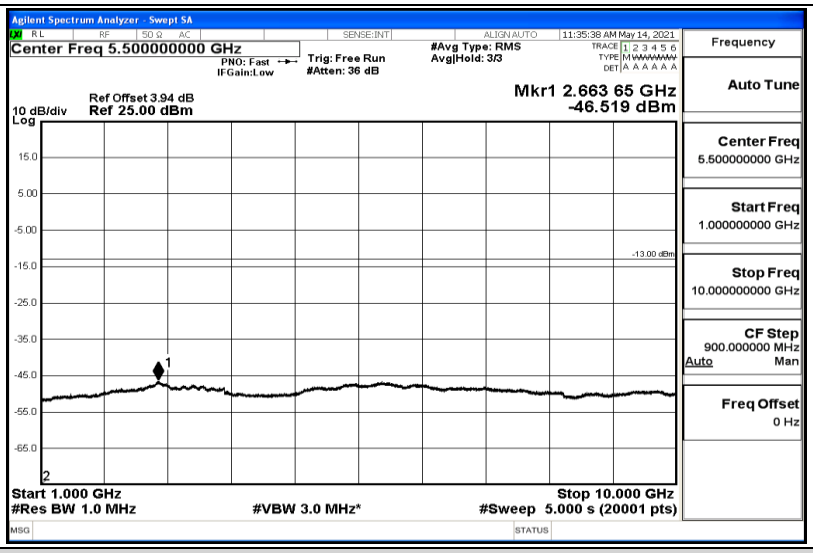
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



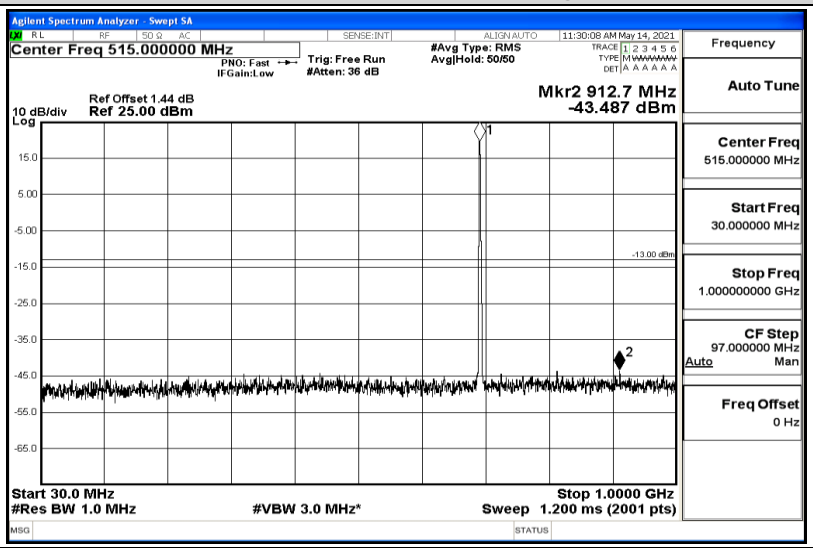
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



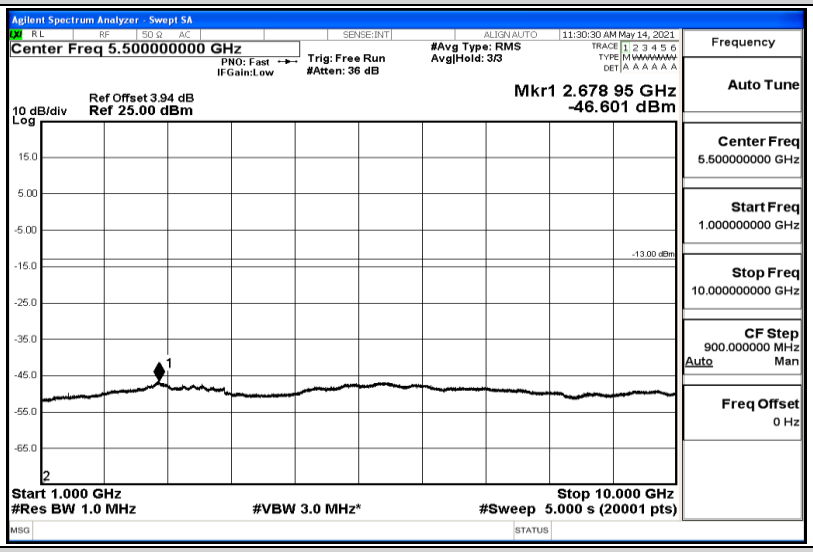
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



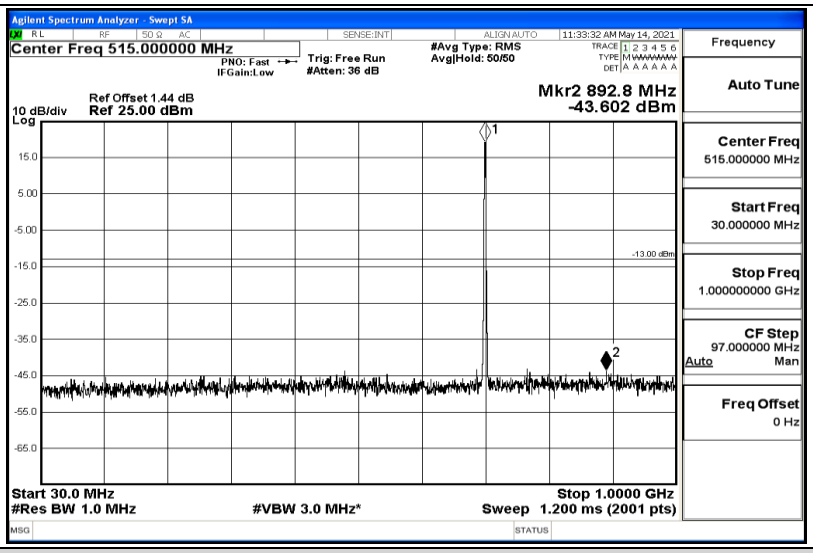
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



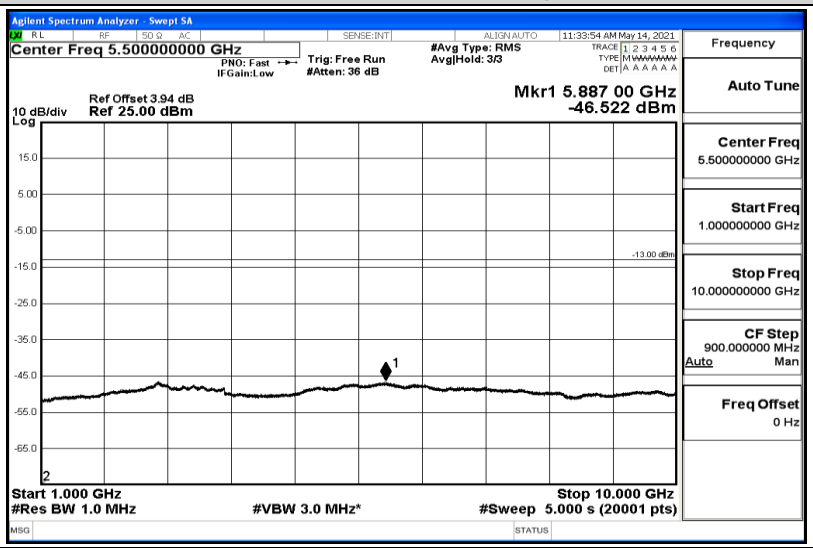
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



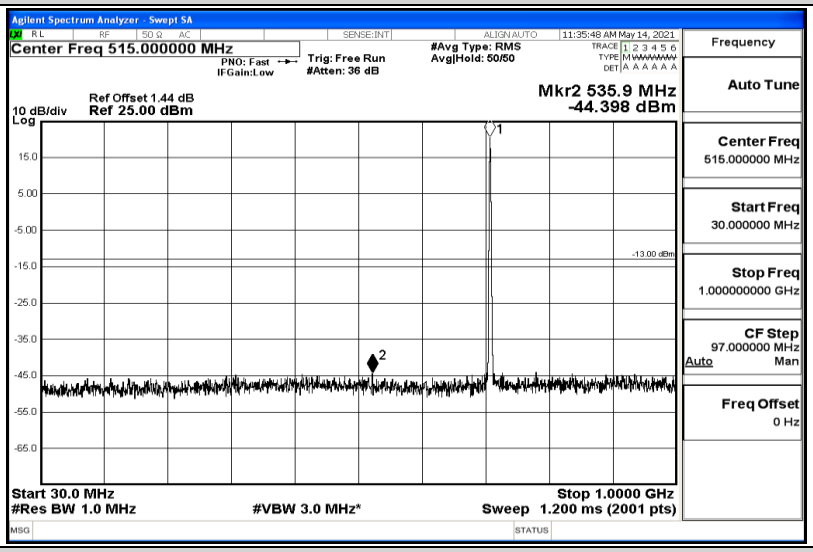
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



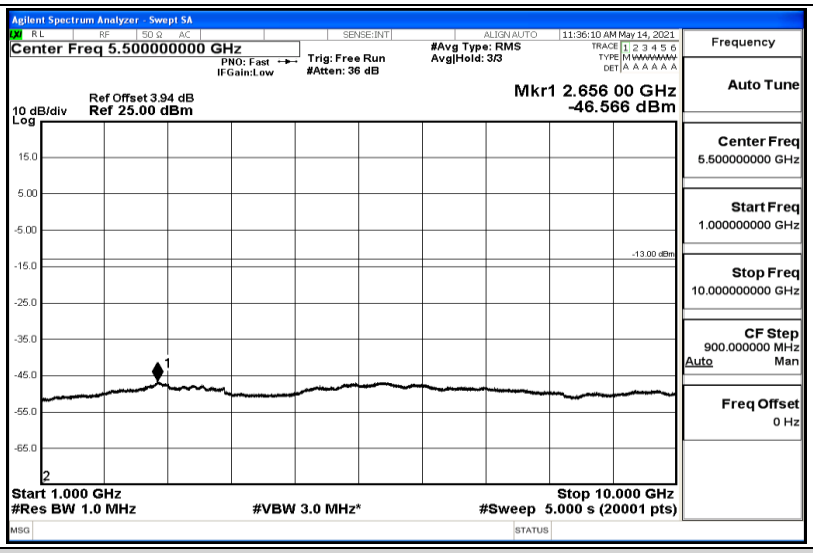
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



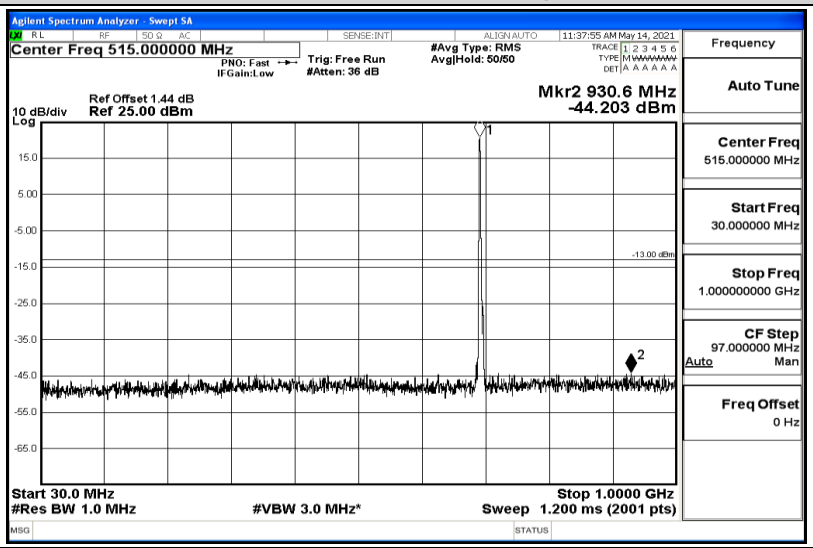
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



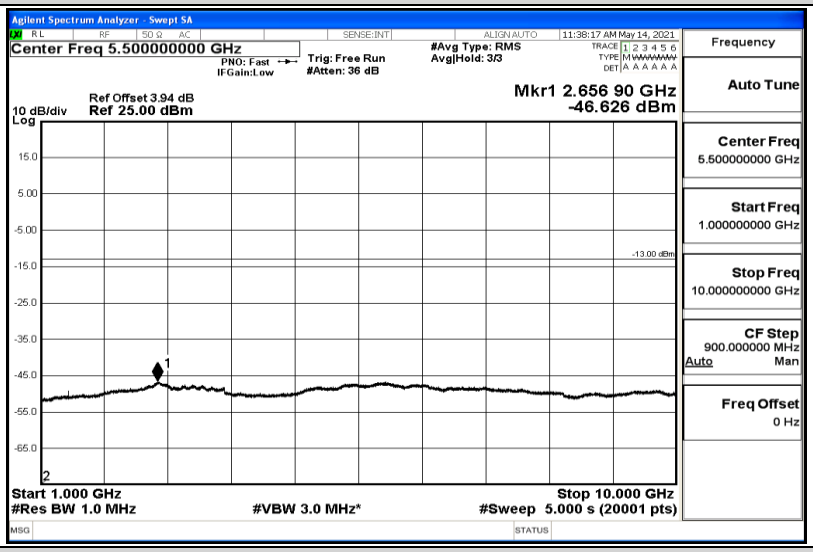
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



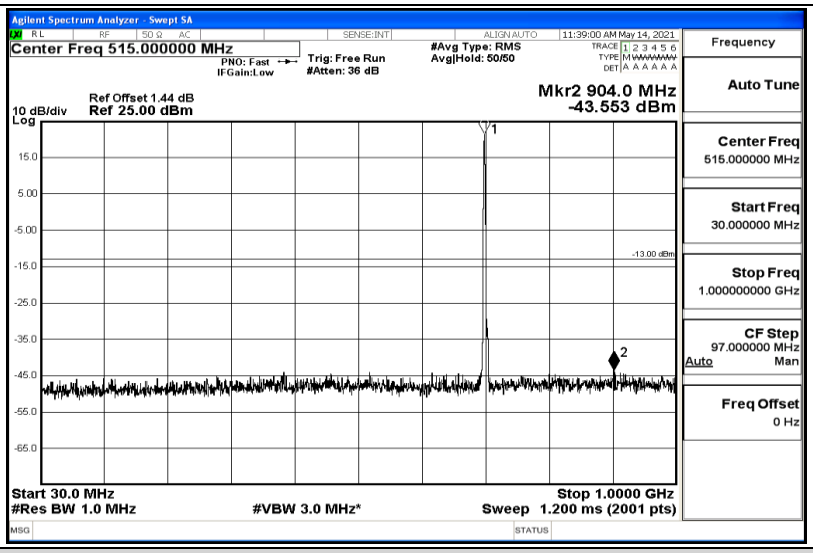
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



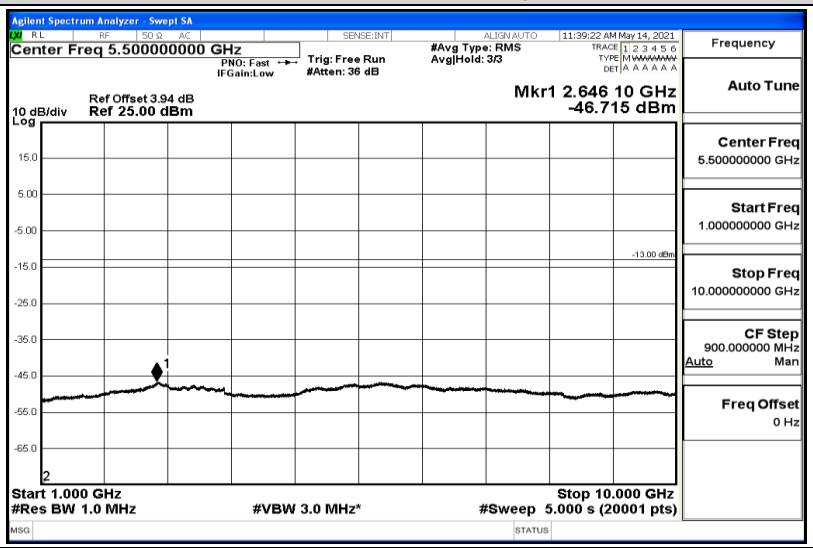
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



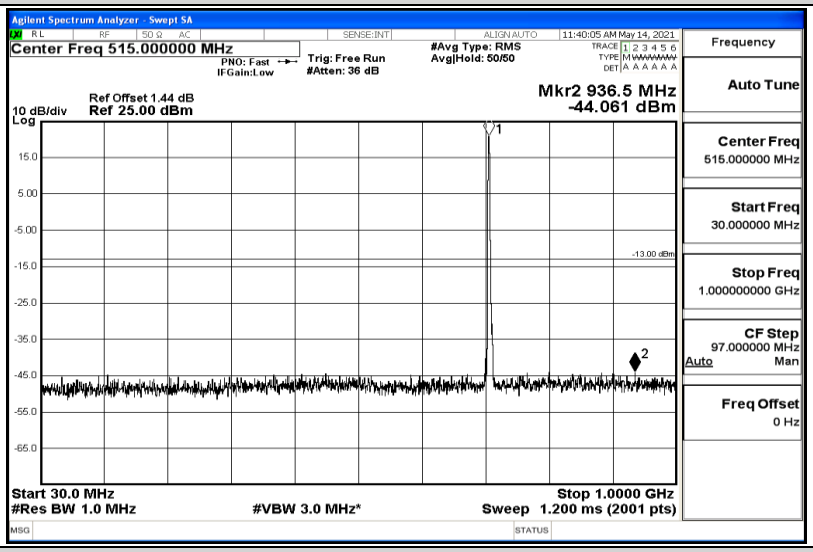
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



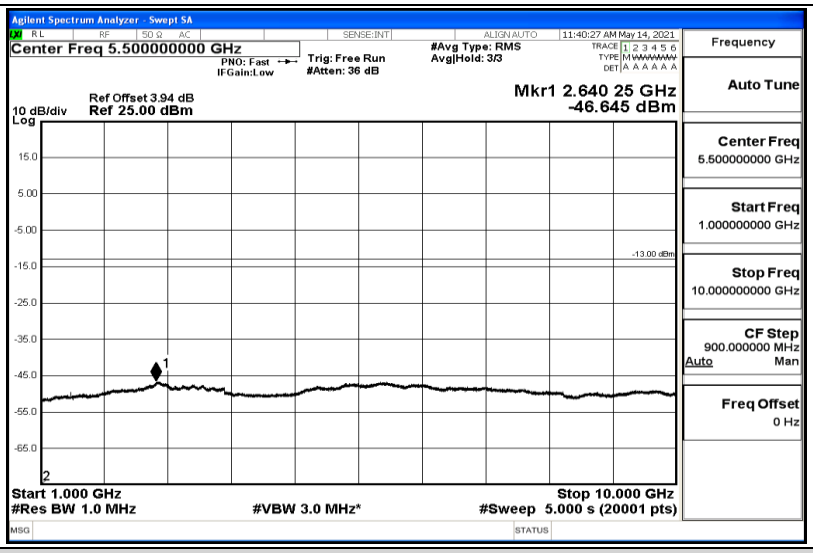
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



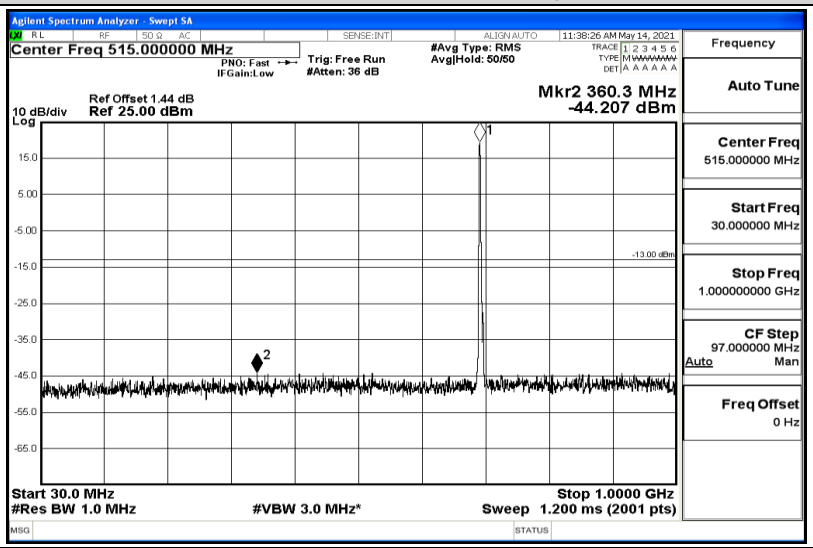
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



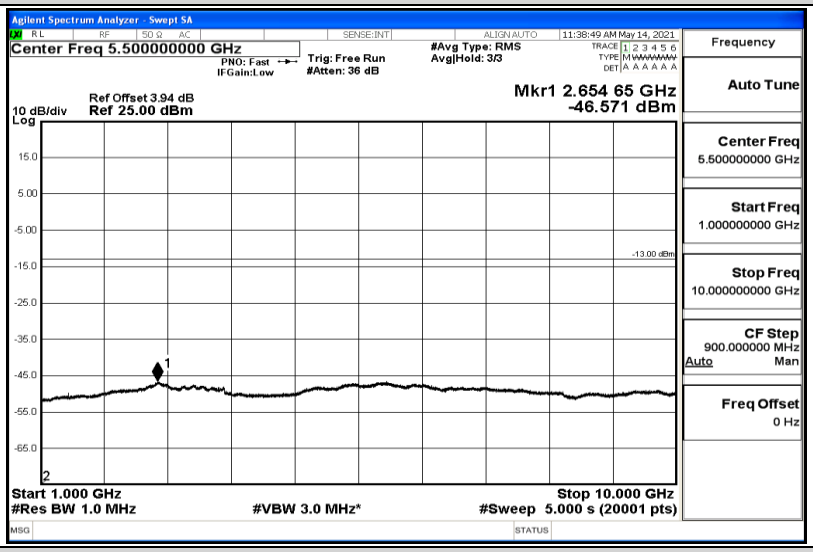
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



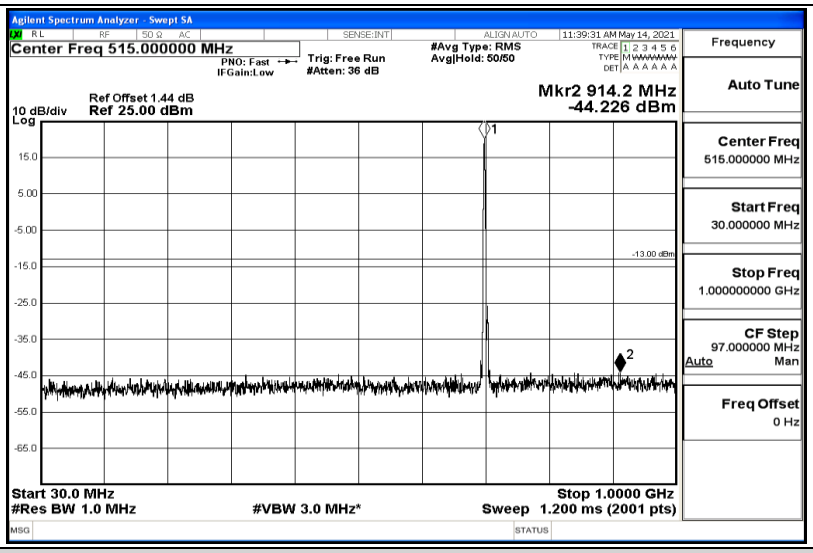
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



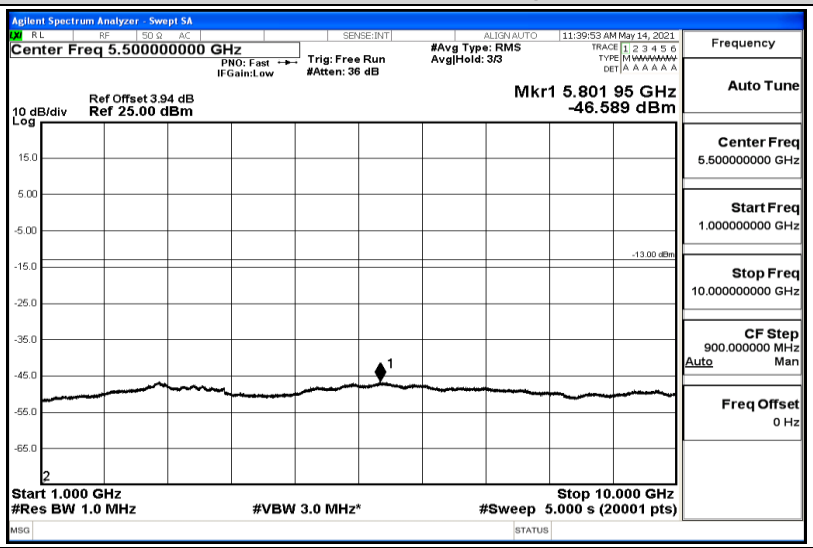
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



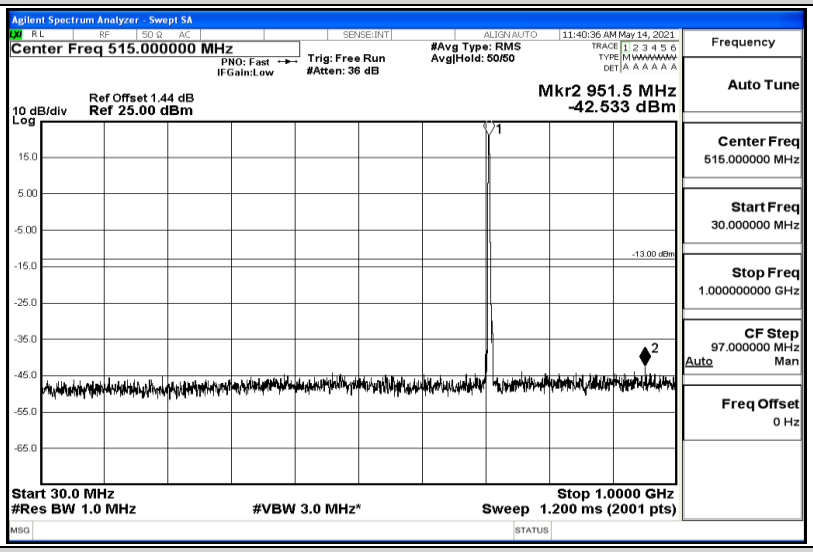
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



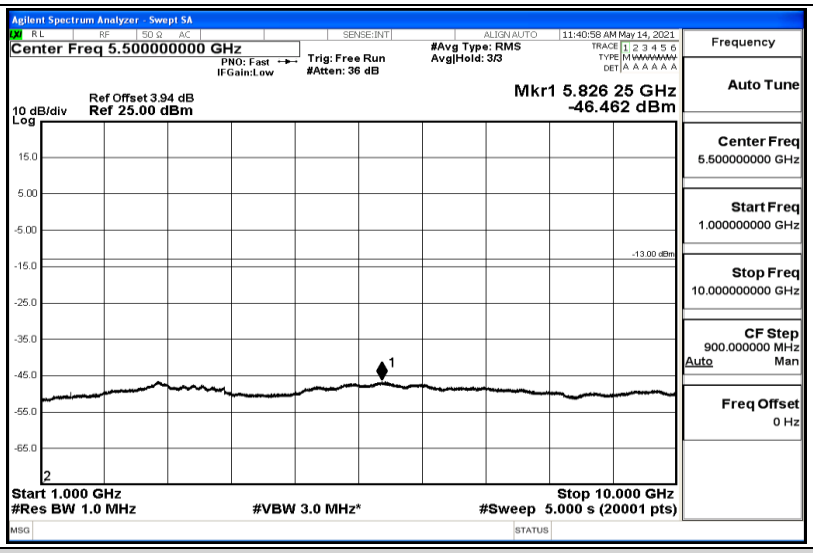
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



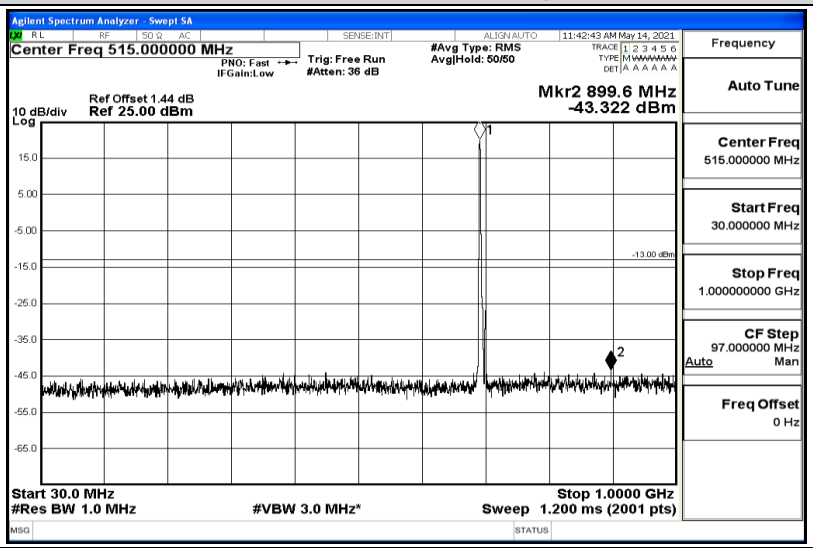
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



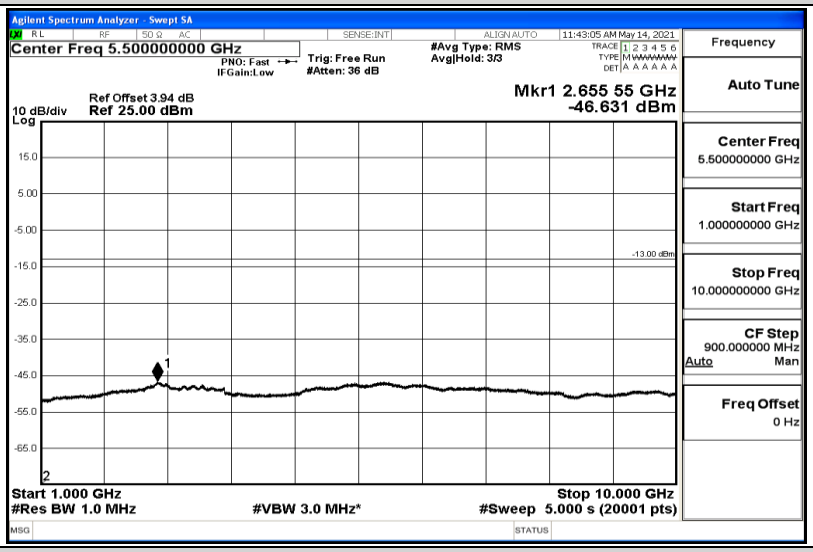
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



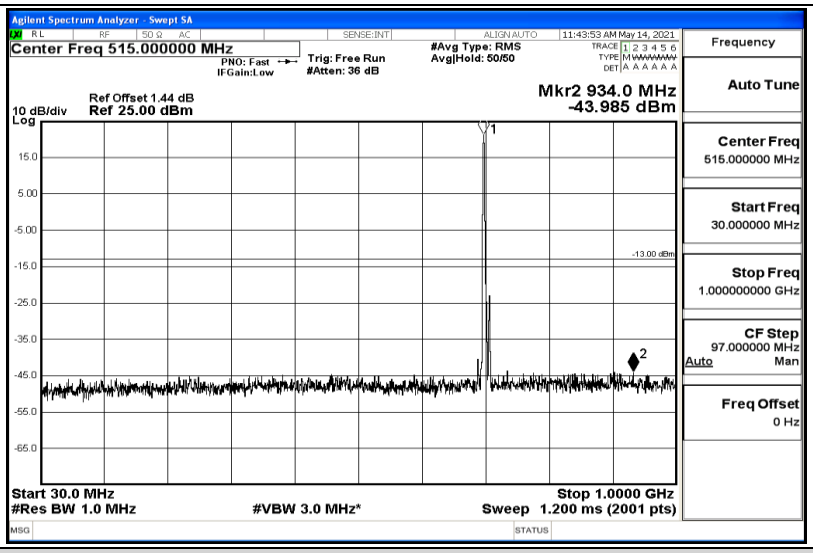
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



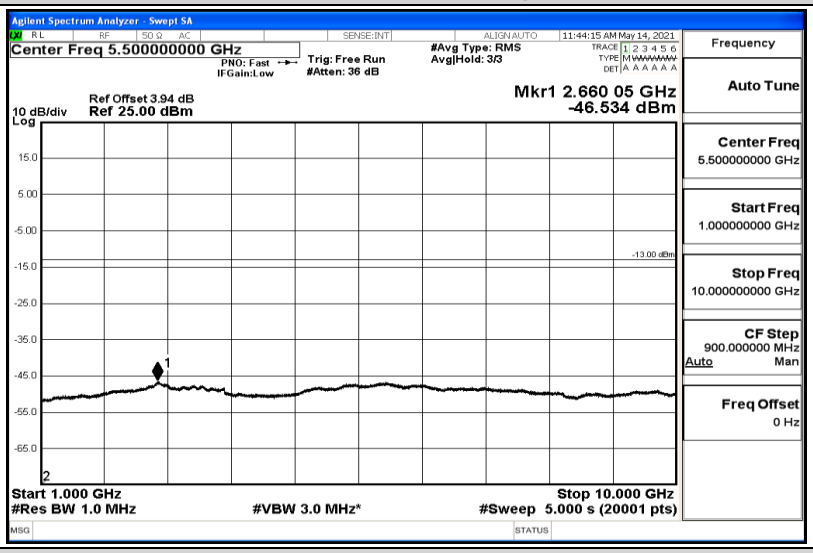
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



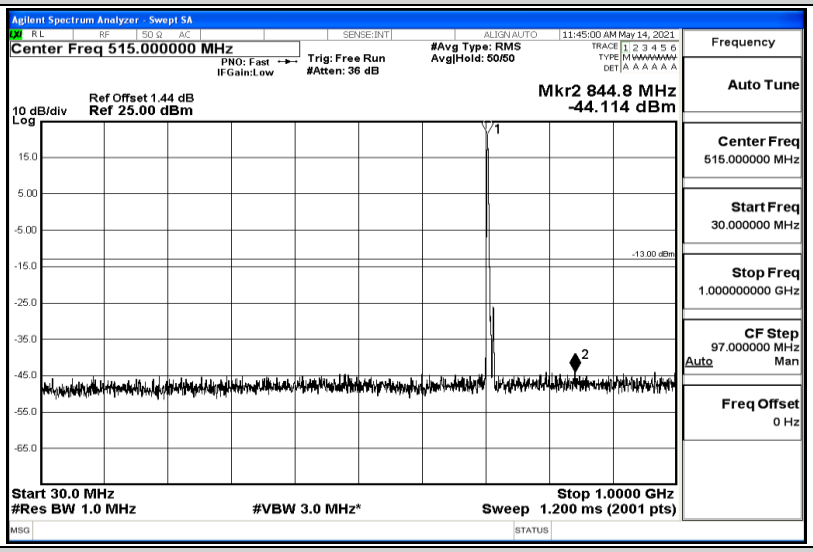
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



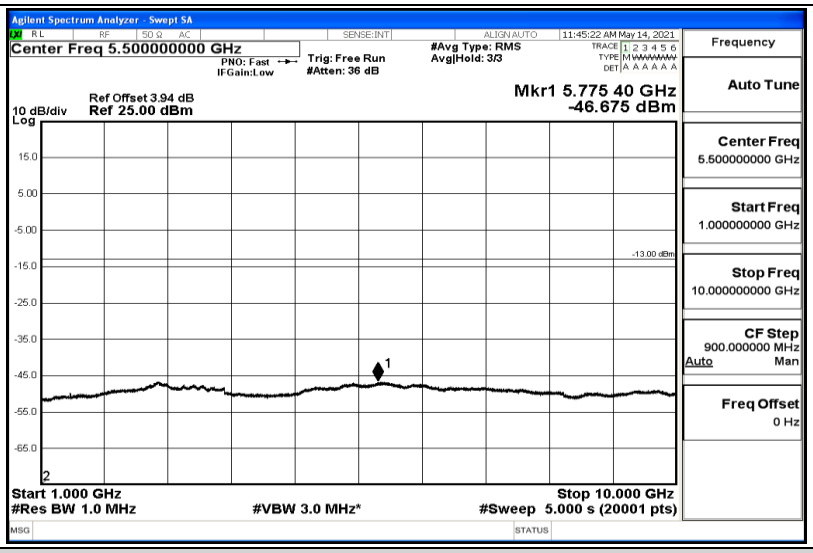
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



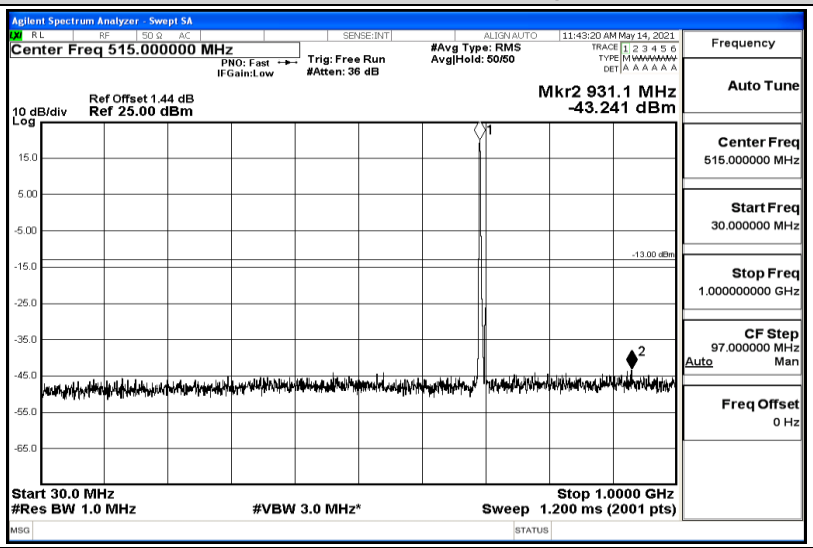
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



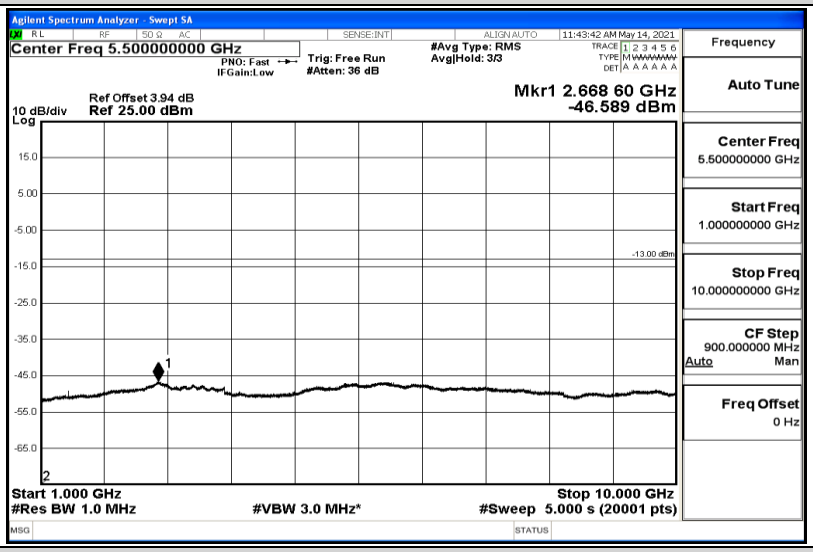
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



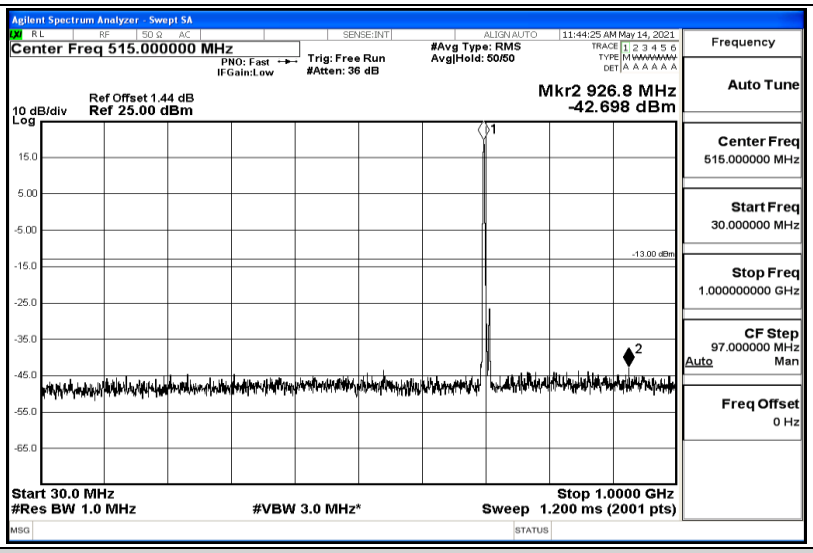
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



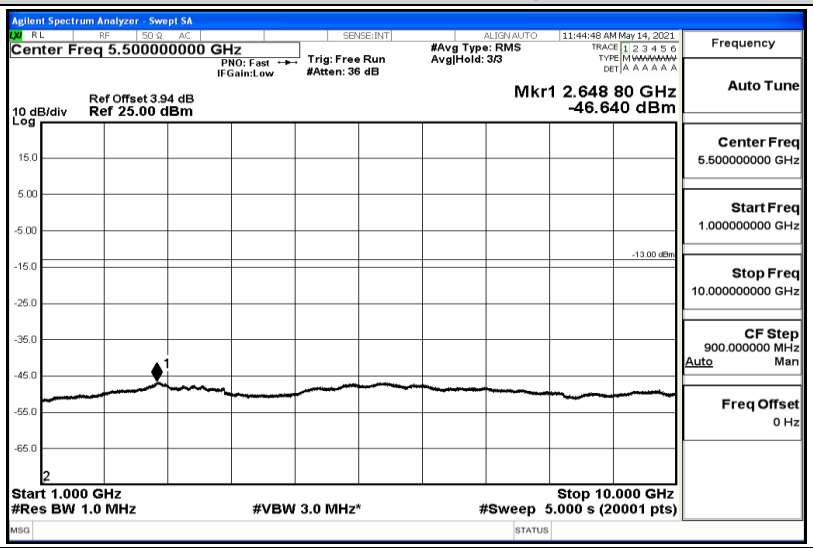
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



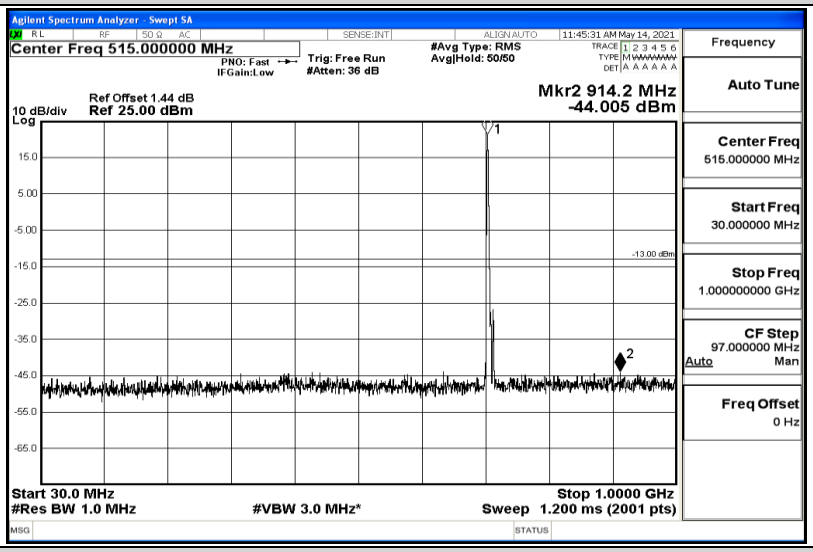
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



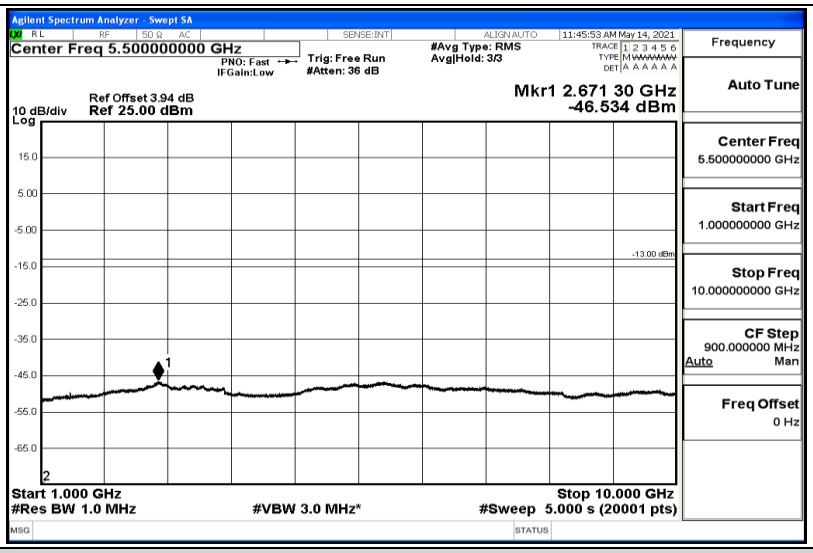
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



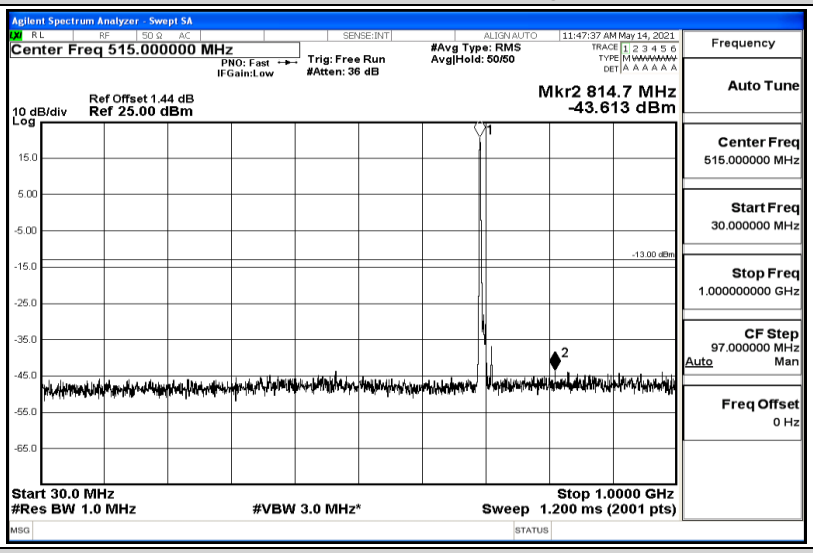
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



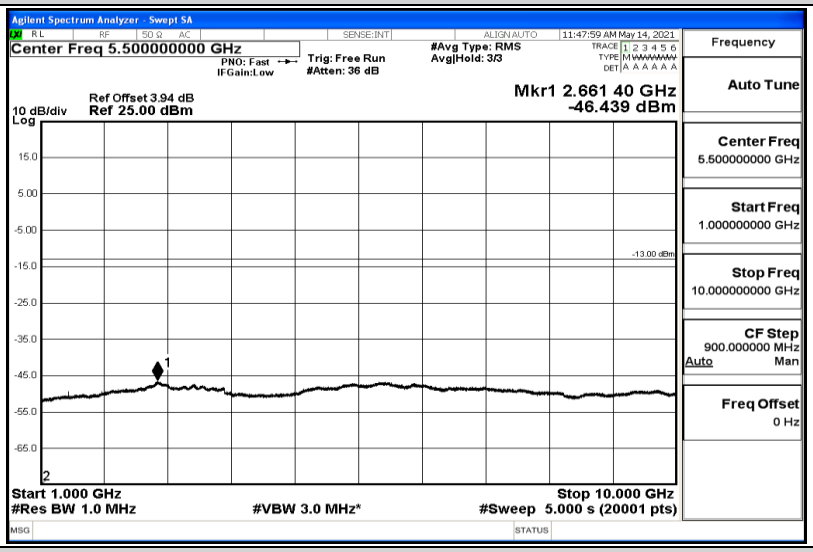
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



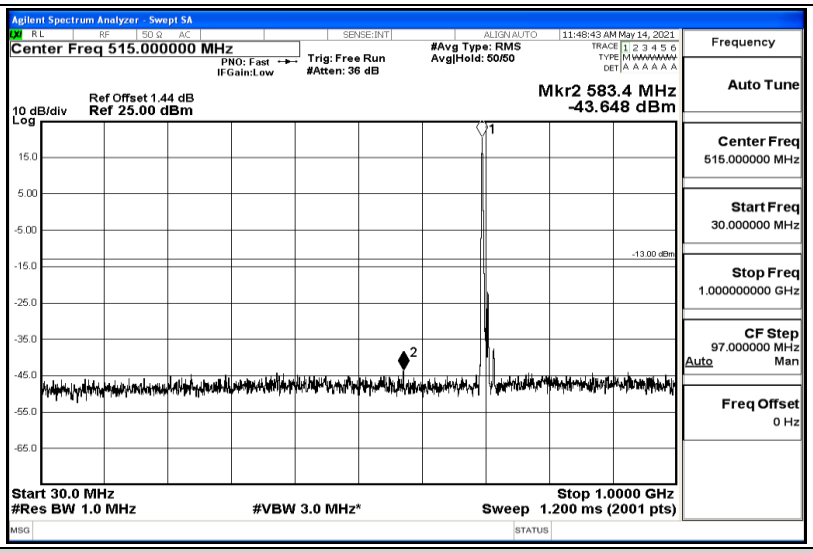
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



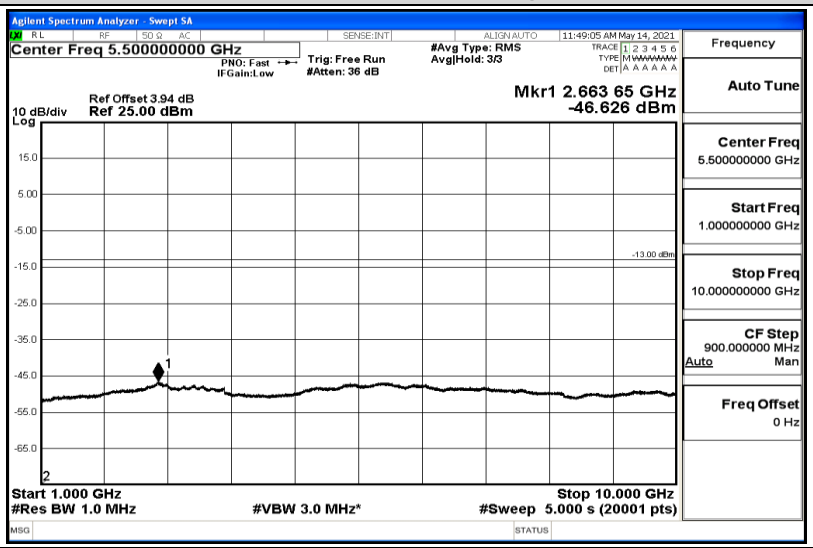
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



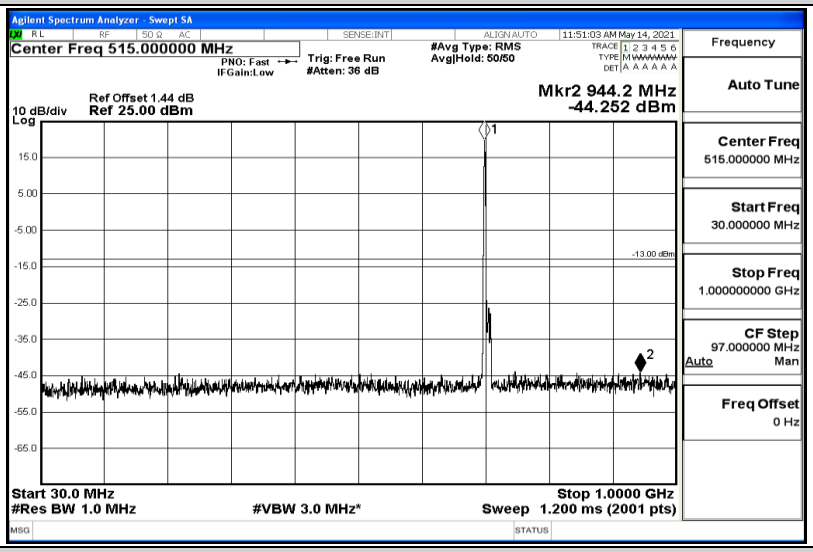
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



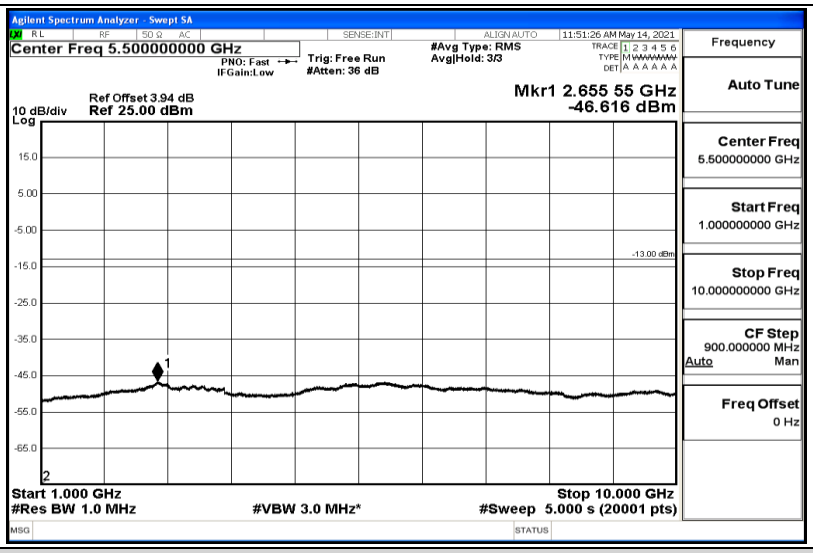
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



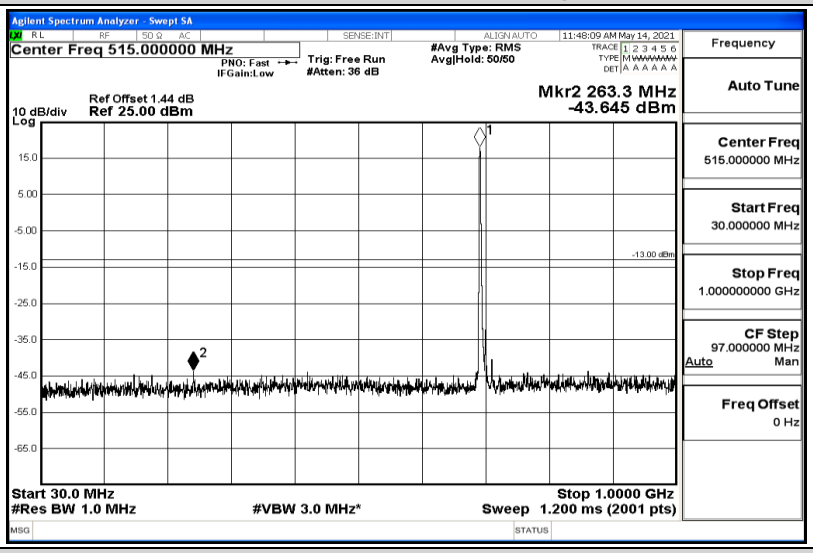
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



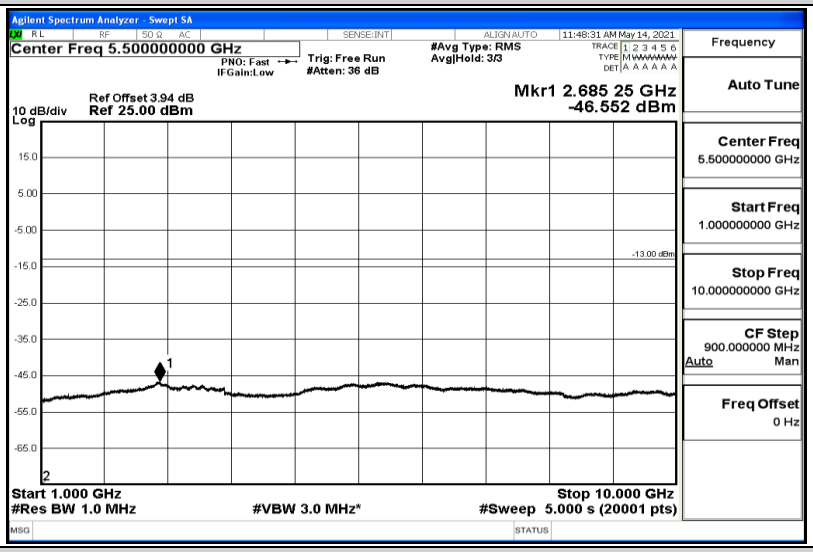
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



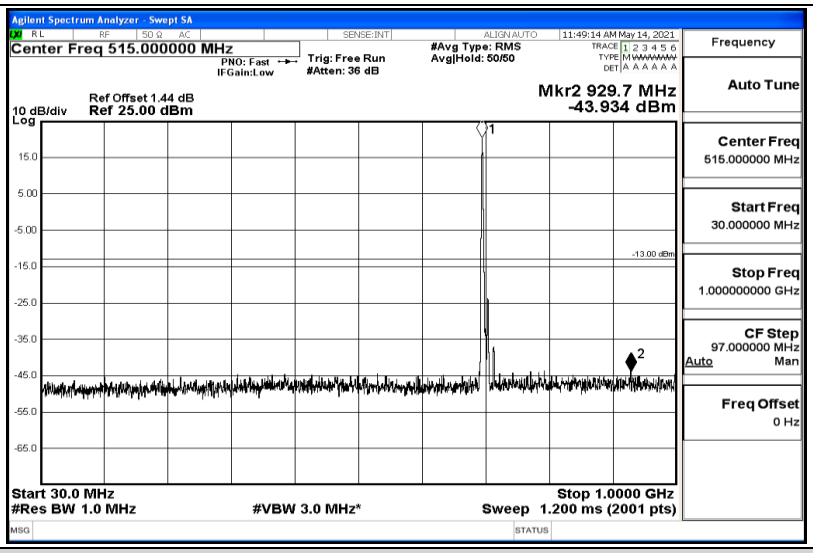
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



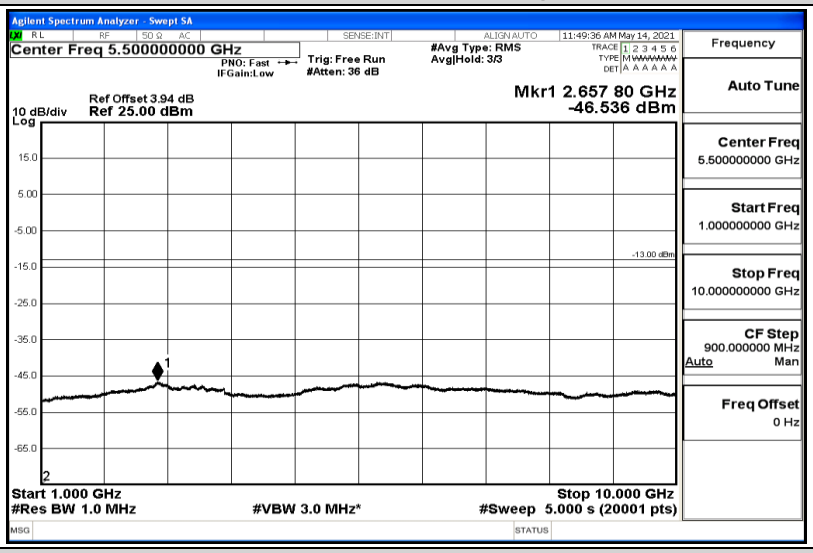
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



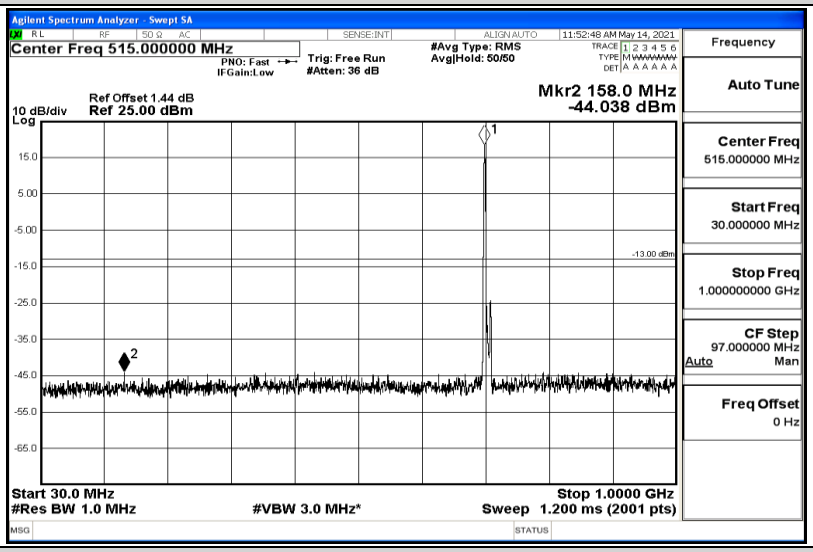
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



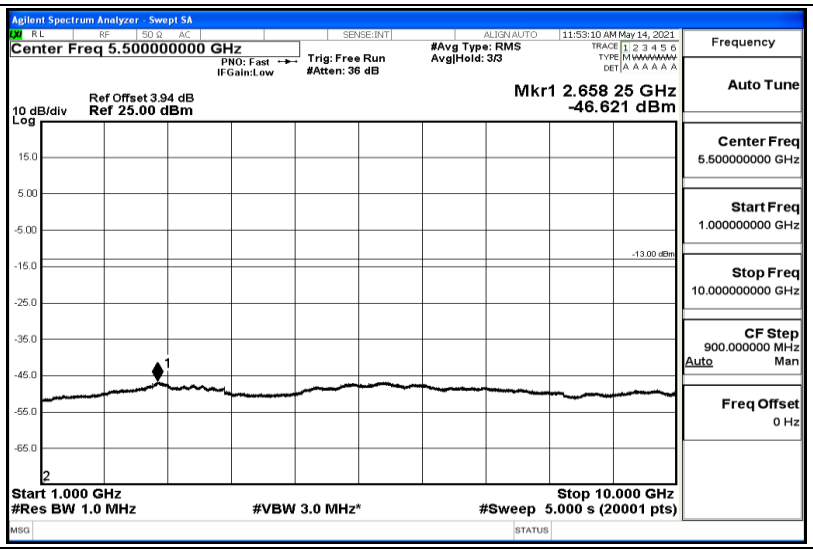
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.500000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 36 dB
#Avg Type: RMS
Avg|Hold: 3/3
11:53:10 AM May 14, 2021
Ref Offset 3.94 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 2.658 25 GHz
-46.621 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 10.000 GHz
#Sweep 5.000 s (20001 pts)
Frequency
Auto Tune
Center Freq
5.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
CF Step
900.000000 MHz
Auto
Man
Freq Offset
0 Hz