Appendix Test Data

Report No.:	18220WC30180202	Test Sample No.:	1-2-2
Start Test Date:	2023.8.25	Finish Test Date:	2023.9.1
Test Engineer:	Rick Luo	Auditor:	Edward.Pan
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	101kPa		

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.08	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.28	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.21	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.40	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.07	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.20	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.22	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.21	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.08	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.18	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.99	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.19	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.09	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.12	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.01	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.04	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.92	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.99	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.10	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	22.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.22	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.15	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.98	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.10	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.41	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.56	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.44	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.37	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.91	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.07	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.00	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.35	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.24	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.85	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.83	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.91	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.09	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.23	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.11	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.20	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.29	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.28	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.26	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.28	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.11	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.13	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.04	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.26	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.27	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.19	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.21	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.07	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.18	PASS

Band12	3MHz	QPSK	23165	1RB#14	23.00	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.21	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.12	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.05	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.09	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.06	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.13	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.38	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.37	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.24	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.26	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.22	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.21	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.97	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.13	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.82	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.39	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.22	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.98	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.97	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.94	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.12	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.14	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.19	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.15	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.09	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.41	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.30	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.33	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.23	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.28	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.18	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.16	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.31	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.88	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.23	PASS

Band12	5MHz	QPSK	23095	12RB#6	22.23	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.12	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.16	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.90	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.11	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.97	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.04	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.10	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.03	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.03	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.83	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.92	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.01	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.34	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.23	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.18	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.07	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.71	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.56	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.59	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.23	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.97	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.00	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.28	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.60	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.82	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.67	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.01	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.97	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.93	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.15	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.93	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.15	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.12	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.29	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.29	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.32	PASS

Band12	10MHz	QPSK	23060	50RB#0	22.24	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.10	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.39	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.05	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.24	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.24	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.01	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.18	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.08	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.25	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.62	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.29	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.18	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.18	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.11	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.98	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.19	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.17	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.27	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.31	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.98	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.19	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.87	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.02	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.22	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.32	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.05	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.10	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.63	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.81	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.28	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.28	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.17	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.26	PASS

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

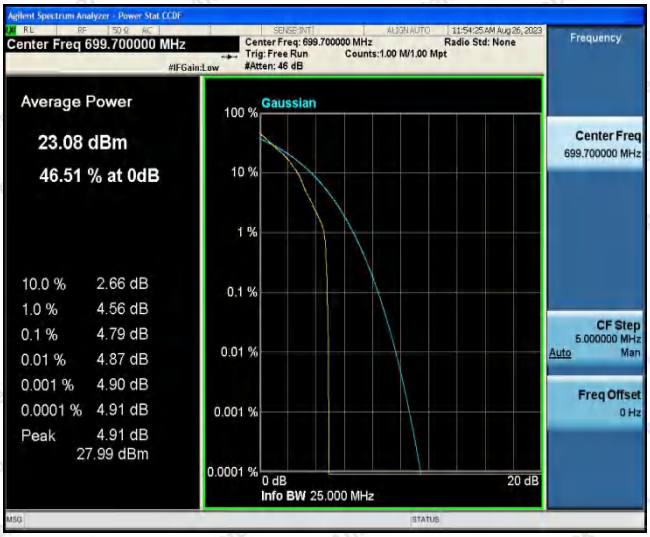
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.79	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.37	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.82	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.37	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.69	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.27	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.72	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.24	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.79	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.24	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.58	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.13	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.80	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.47	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.82	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.42	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.71	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.32	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.68	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.32	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.71	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.35	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.55	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.19	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.75	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.34	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.76	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.35	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.71	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.29	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.75	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.22	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.68	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.21	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.59	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.14	13	PASS

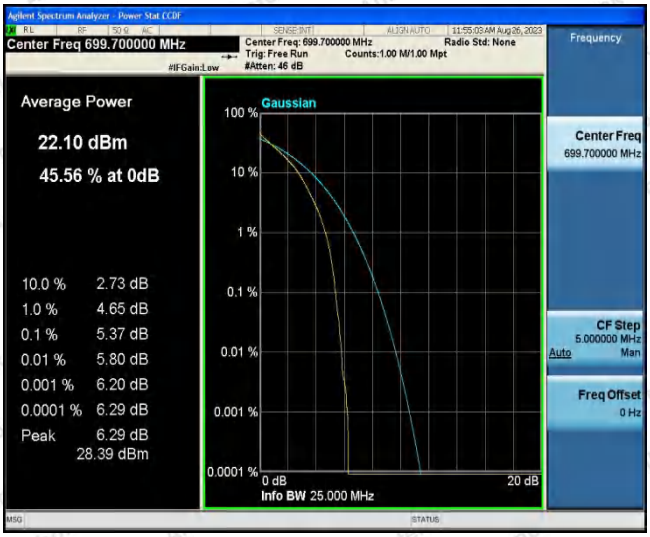
Band12	10MHz	QPSK	23060	1RB#0	4.75	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.38	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.75	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.29	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.75	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.31	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.54	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.21	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.58	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.17	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.64	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.16	13	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



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

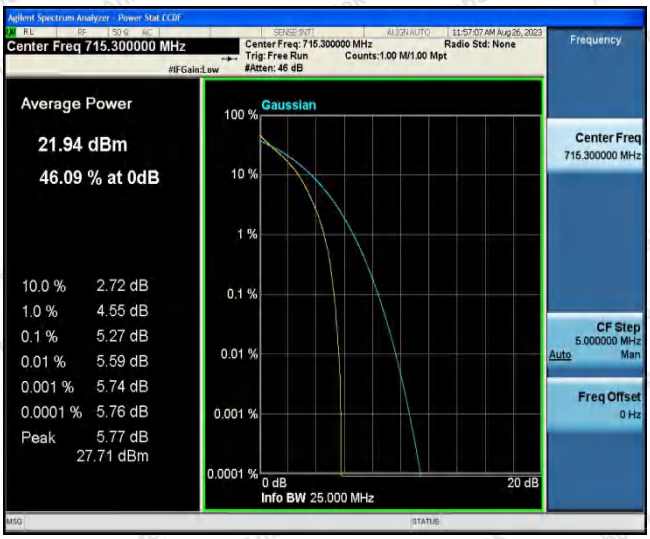


Band12-1.4MHz-QPSK-23095-1RB#0

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

Band12-1.4MHz-QPSK-23173-1RB#0

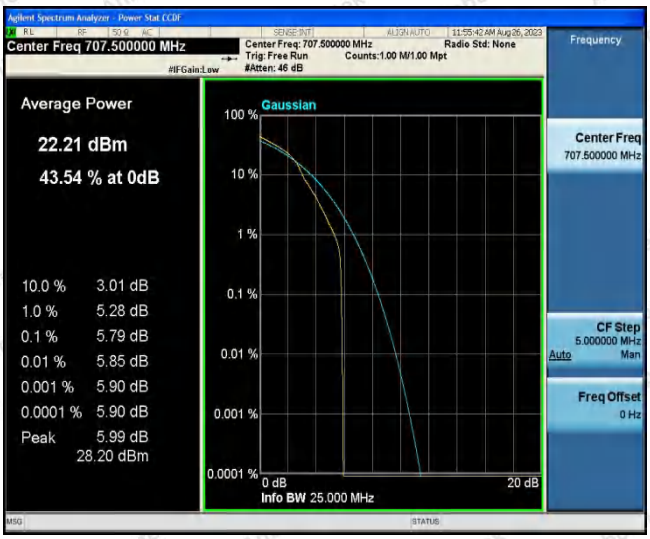
Band12-1.4MHz-QPSK-23173-6RB#0



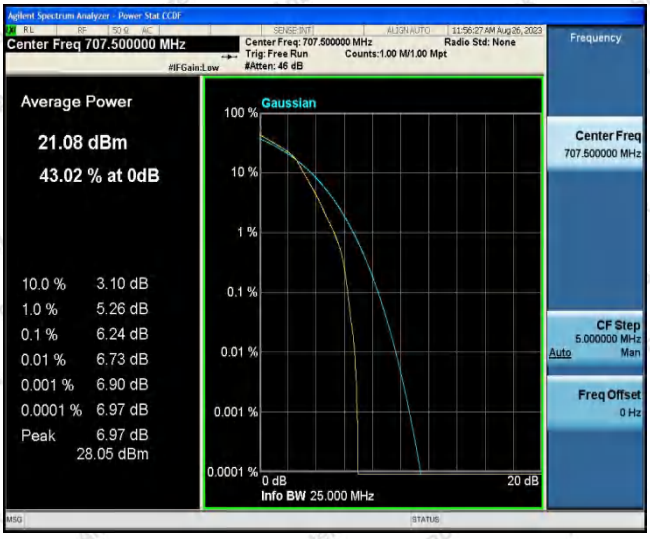
Band12-1.4MHz-16QAM-23017-1RB#0

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

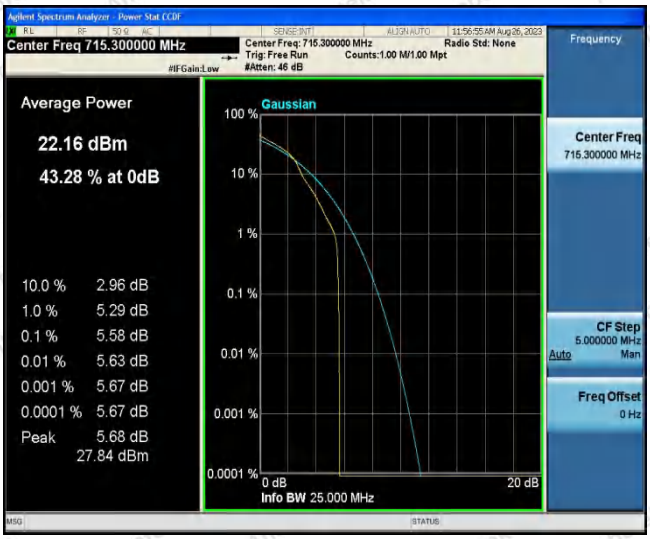
Band12-1.4MHz-16QAM-23095-1RB#0



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

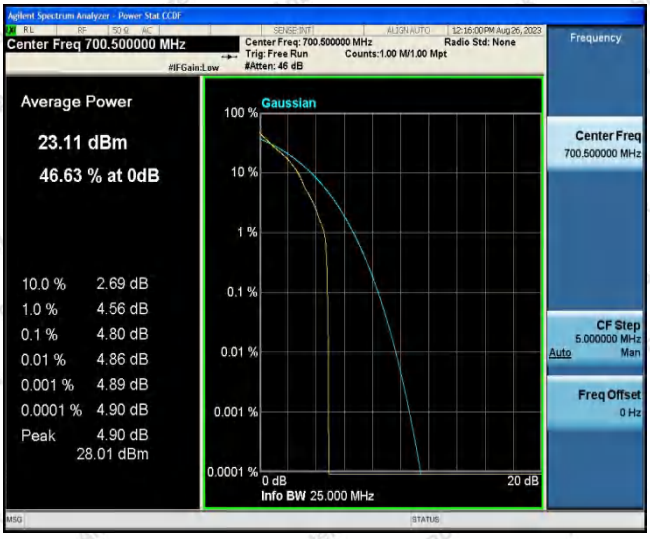


Band12-1.4MHz-16QAM-23173-1RB#0

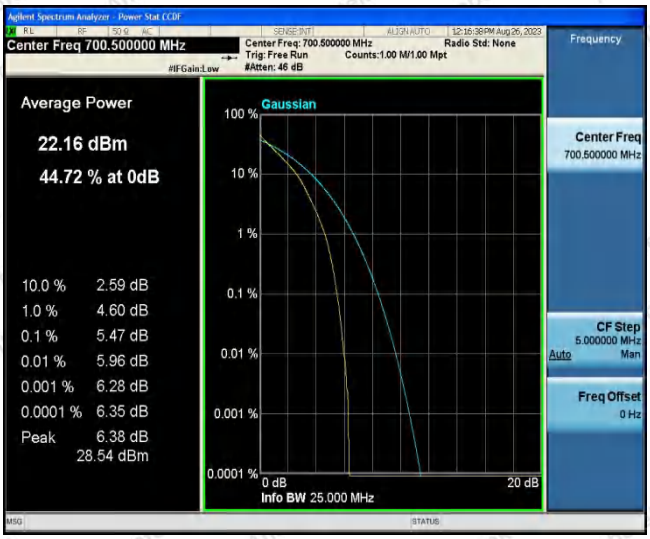


Band12-1.4MHz-16QAM-23173-6RB#0

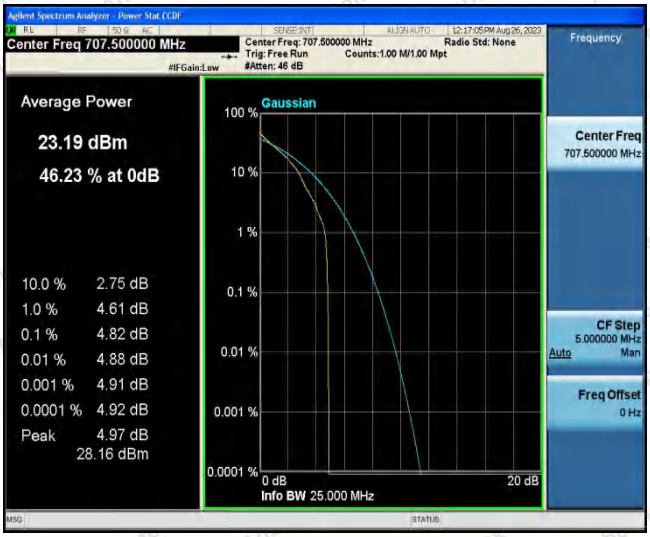
Band12-3MHz-QPSK-23025-1RB#0



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



Band12-3MHz-QPSK-23095-1RB#0



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

Band12-3MHz-QPSK-23165-1RB#0

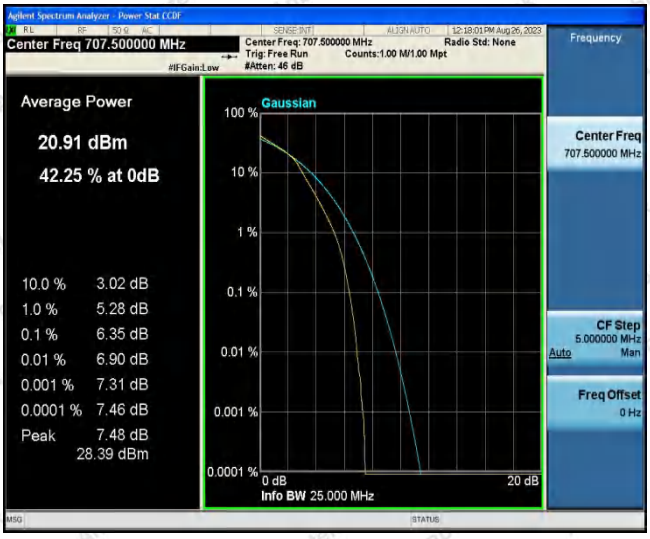
Band12-3MHz-QPSK-23165-15RB#0

Band12-3MHz-16QAM-23025-1RB#0

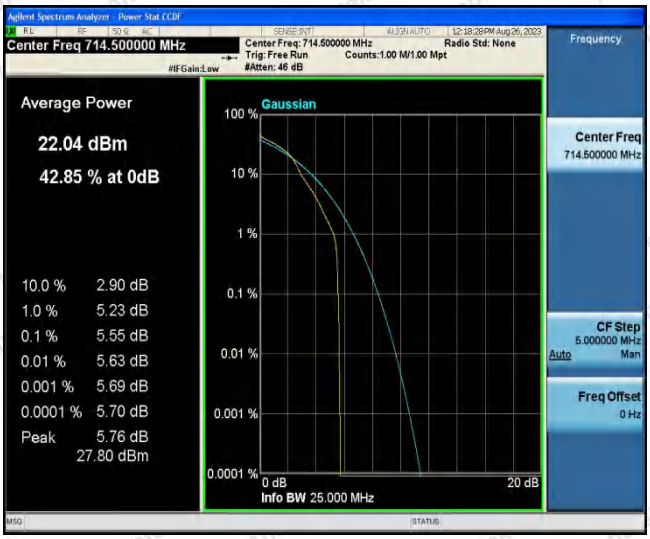
Band12-3MHz-16QAM-23025-15RB#0

Band12-3MHz-16QAM-23095-1RB#0

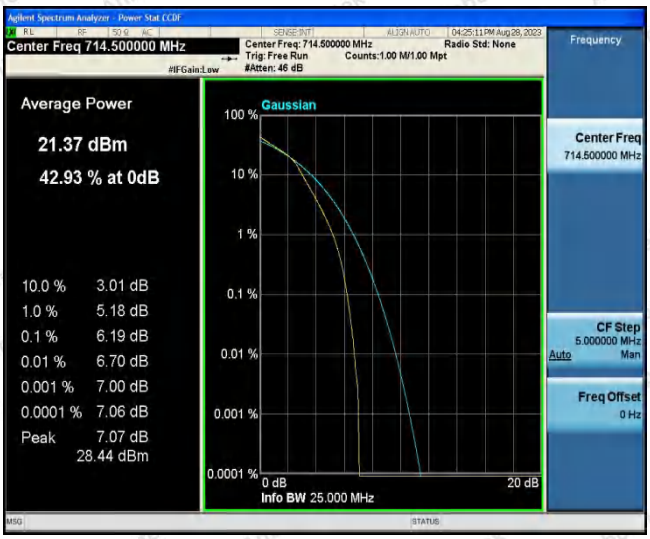
Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-1RB#0

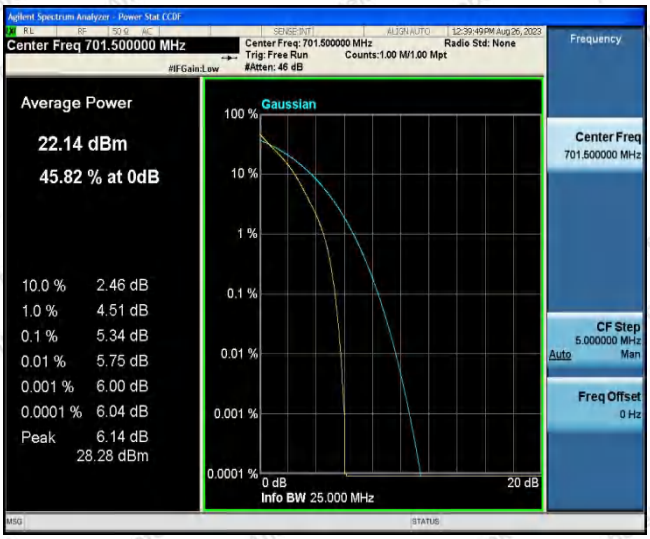


Band12-3MHz-16QAM-23165-15RB#0



Band12-5MHz-QPSK-23035-1RB#0

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



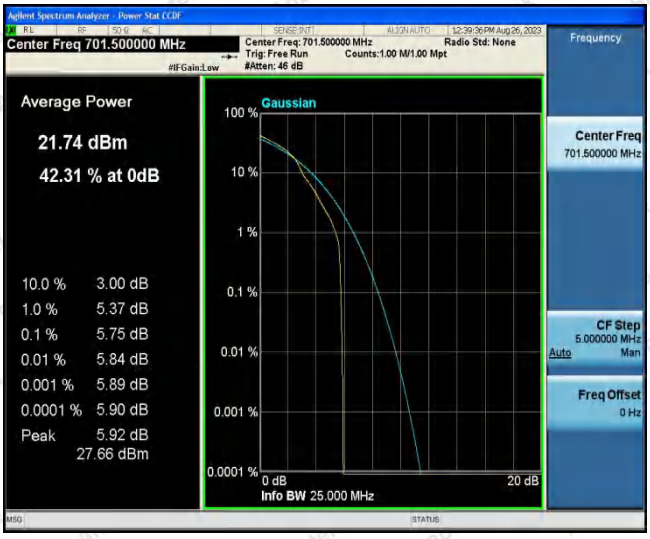
Band12-5MHz-QPSK-23095-1RB#0

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

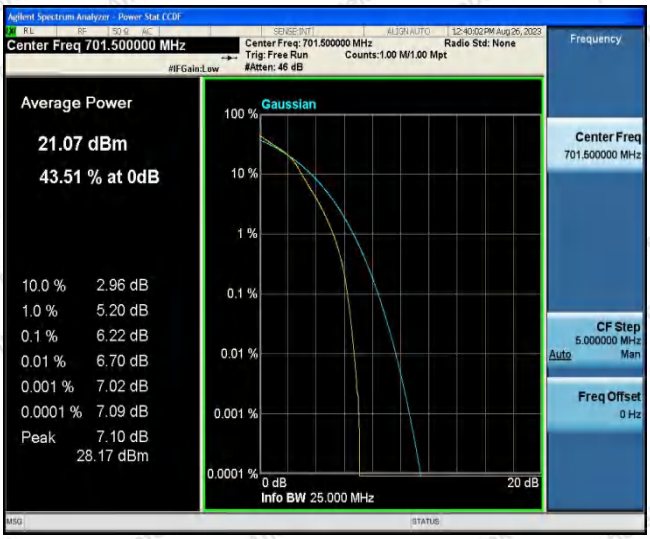
Band12-5MHz-QPSK-23155-1RB#0

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

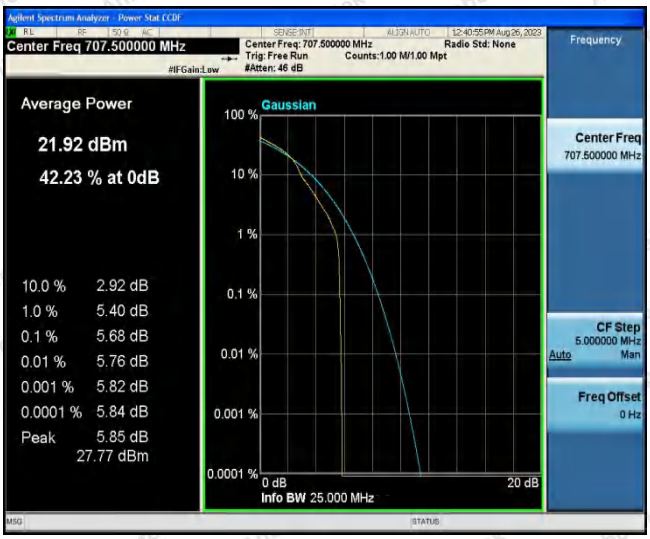
Band12-5MHz-16QAM-23035-1RB#0



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



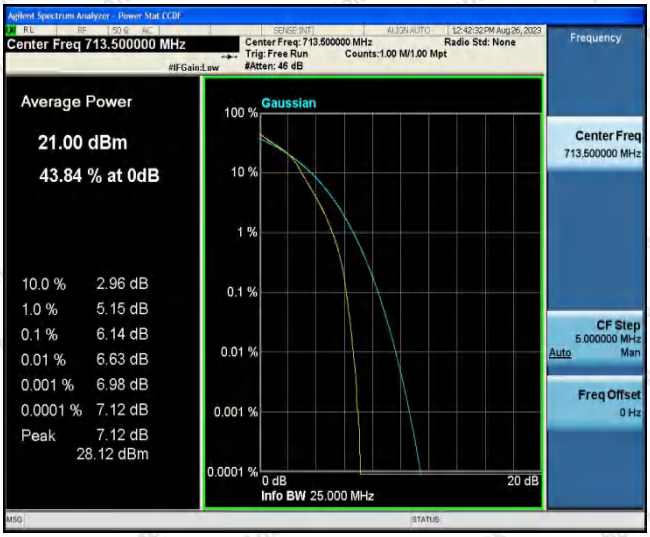
Band12-5MHz-16QAM-23095-1RB#0



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

Band12-5MHz-16QAM-23155-1RB#0

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



Band12-10MHz-QPSK-23060-1RB#0

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

Band12-10MHz-QPSK-23095-1RB#0

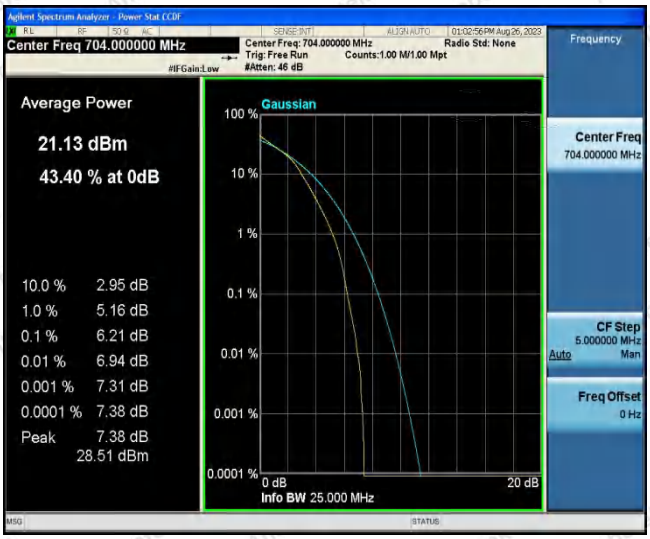
Band12-10MHz-QPSK-23095-50RB#0

Band12-10MHz-QPSK-23130-1RB#0

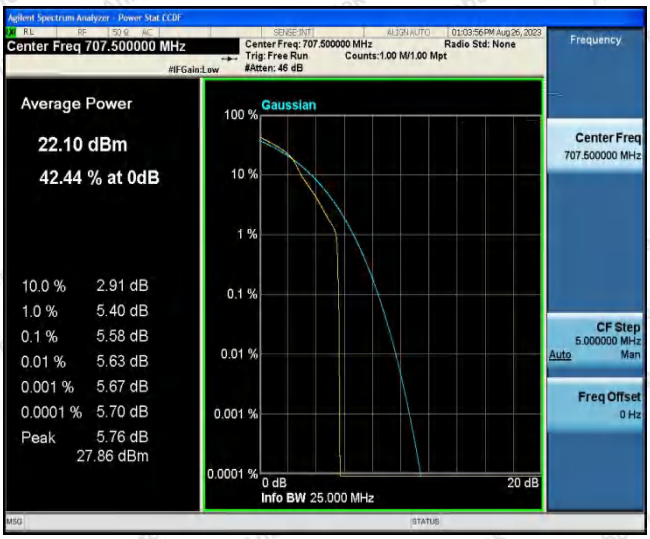
Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-1RB#0

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



Band12-10MHz-16QAM-23095-1RB#0



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

Band12-10MHz-16QAM-23130-1RB#0

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

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
21.21 dBm
44.06 % at 0dB
10.0 % 2.97 dB
1.0 % 5.12 dB
0.1 % 6.16 dB
0.01 % 6.82 dB
0.001 % 7.20 dB
0.0001 % 7.39 dB
Peak 7.43 dB
28.64 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
711.000000 MHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

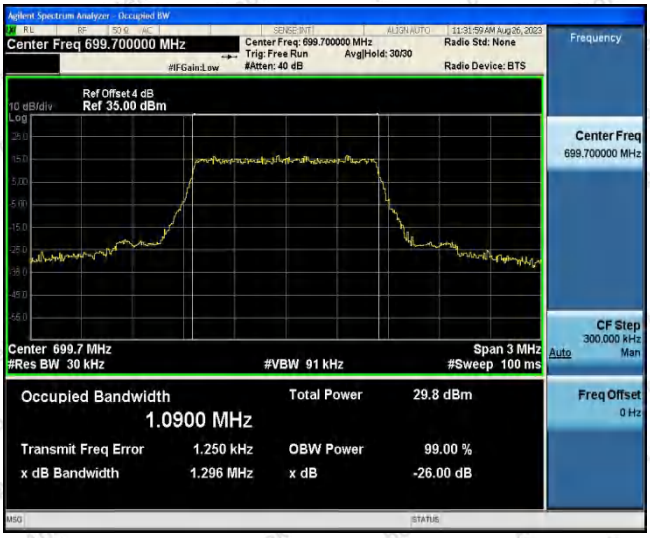
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

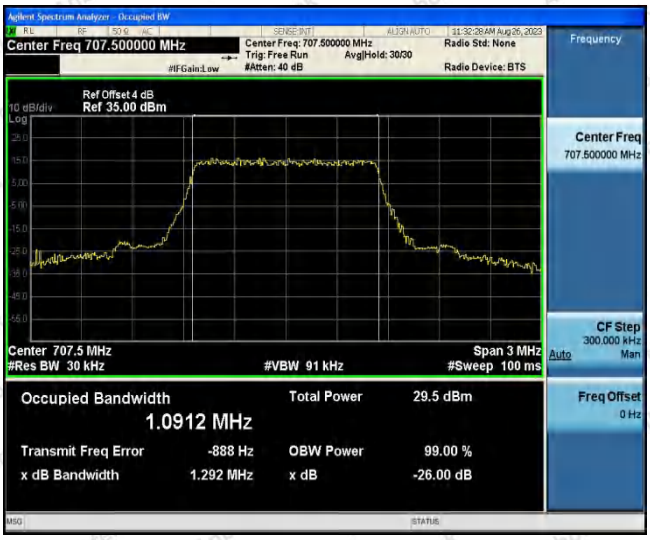
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0900	1.296	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0912	1.292	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0921	1.280	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0945	1.277	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0933	1.290	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0977	1.279	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6870	2.970	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6944	2.985	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7006	2.968	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6908	2.970	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6898	2.984	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6864	2.965	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4988	5.006	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5048	4.993	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5091	5.020	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4932	4.995	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4963	4.980	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4951	4.945	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9670	9.867	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9846	9.960	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9622	9.906	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9850	9.869	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9595	9.871	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9684	9.832	PASS

Test Graphs

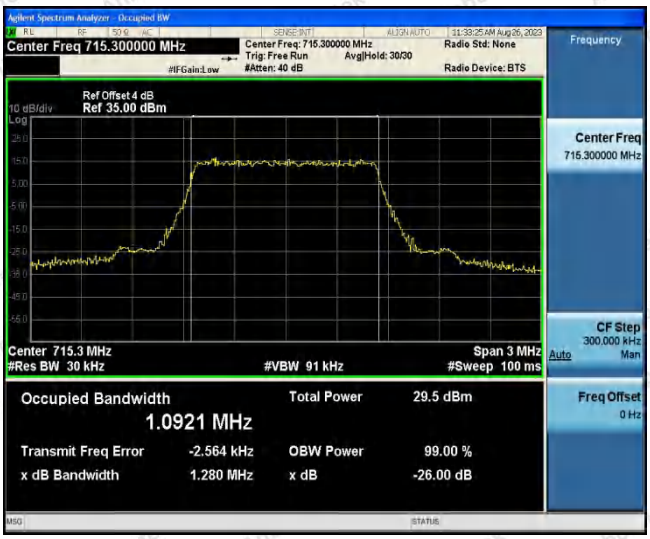
Band12-1.4MHz-QPSK-23017-6RB#0



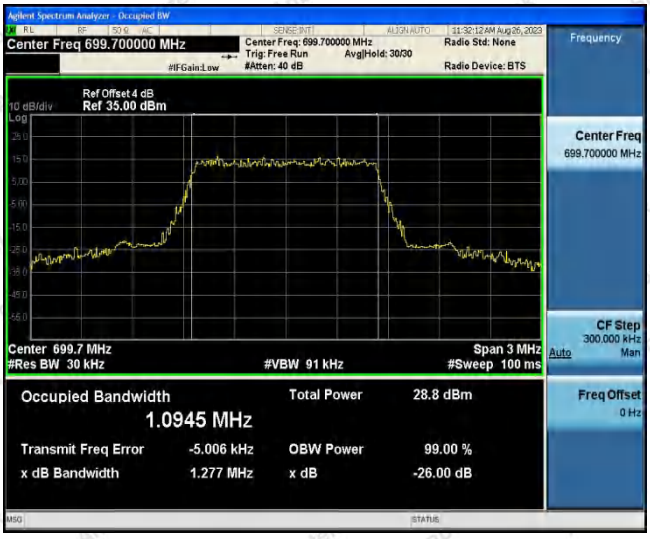
Band12-1.4MHz-QPSK-23095-6RB#0



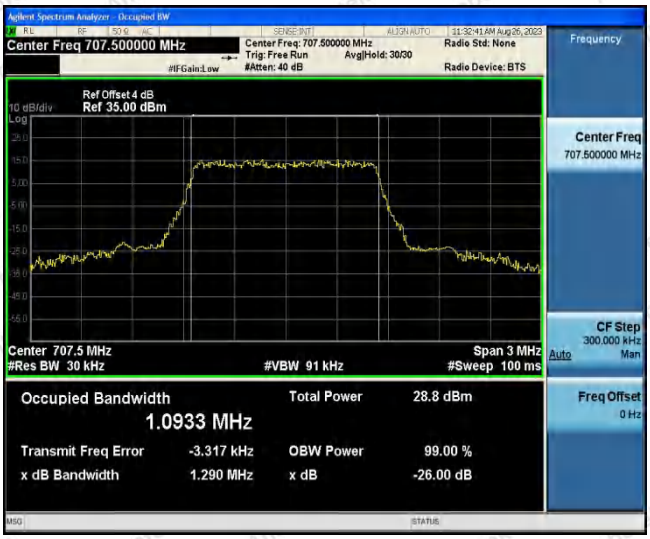
Band12-1.4MHz-QPSK-23173-6RB#0



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

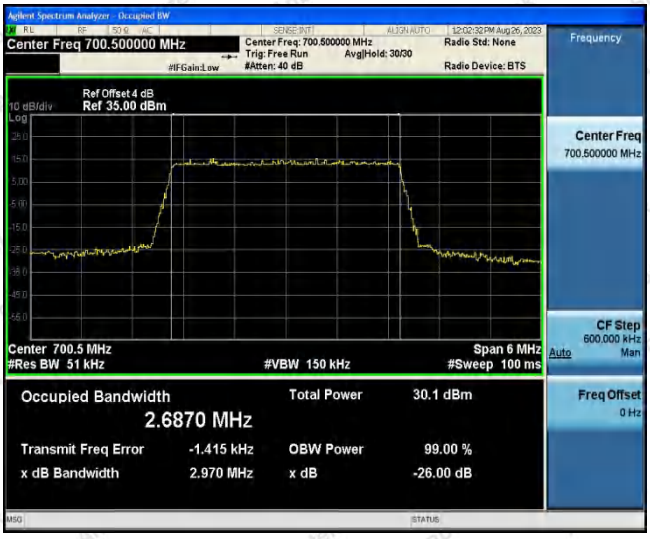


Band12-1.4MHz-16QAM-23095-6RB#0



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

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



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

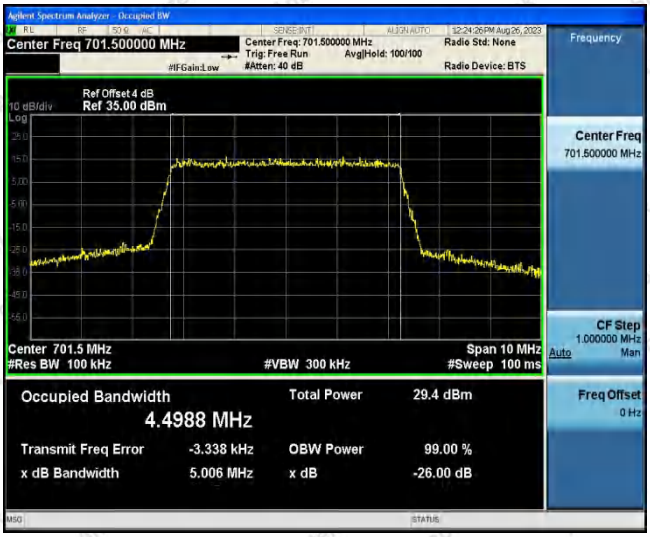
Band12-3MHz-QPSK-23165-15RB#0

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

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

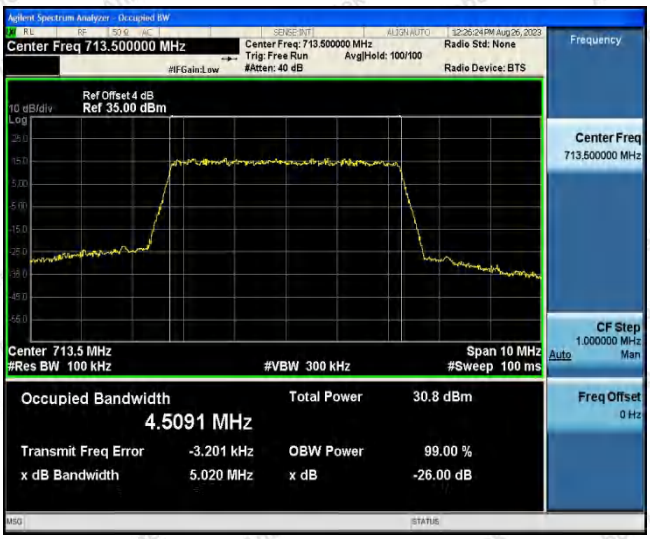
Band12-3MHz-16QAM-23165-15RB#0

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



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

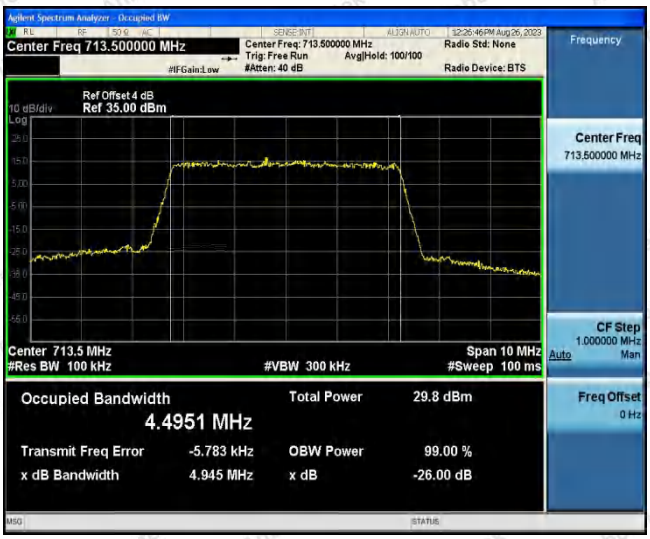
Band12-5MHz-QPSK-23155-25RB#0



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

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

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

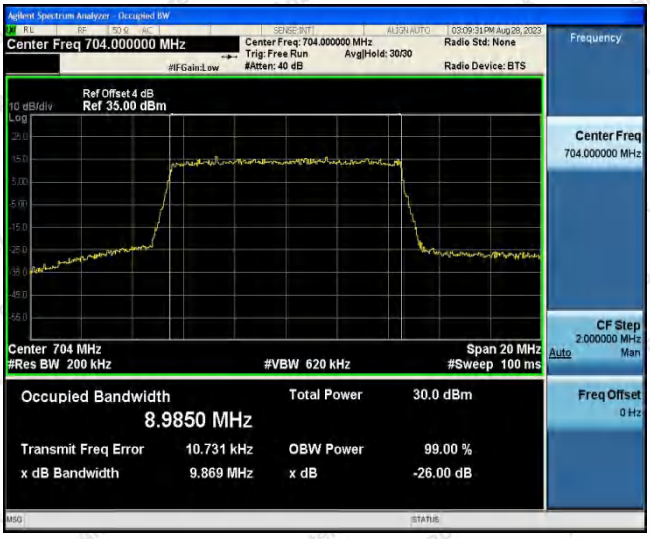


Band12-10MHz-QPSK-23060-50RB#0

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

Agilent Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 4 dB
10 dB/div
Ref 35.00 dBm
Center Freq
711.000000 MHz
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
CF Step
2.000000 MHz
Auto
Man
Occupied Bandwidth
8.9684 MHz
Total Power
30.0 dBm
Transmit Freq Error
-2.754 kHz
OBW Power
99.00 %
x dB Bandwidth
9.832 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

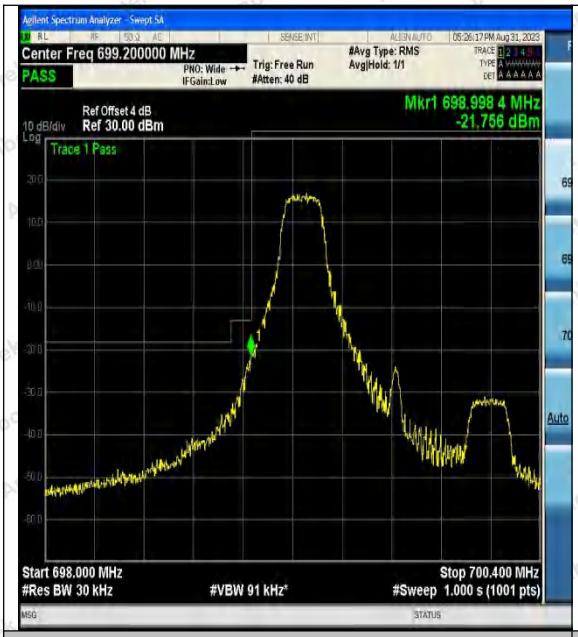
Appendix D: Band Edge

Test Result

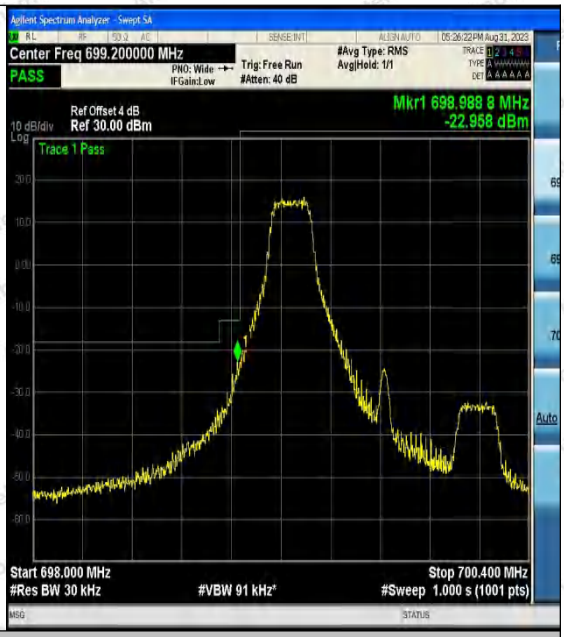
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-21.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-22.96	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-51.22	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-52.22	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-30.56	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-42.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-44.15	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-24.42	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-32.27	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-32.55	PASS
Band12	3MHz	QPSK	23025	1RB#0	-23.93	PASS
Band12	3MHz	16QAM	23025	1RB#0	-23.29	PASS
Band12	3MHz	QPSK	23025	1RB#14	-46.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-23.56	PASS
Band12	3MHz	16QAM	23025	1RB#14	-47.11	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.52	PASS
Band12	3MHz	16QAM	23025	15RB#0	-27.84	PASS
Band12	3MHz	QPSK	23165	1RB#0	-46.42	PASS
Band12	3MHz	16QAM	23165	1RB#0	-47.22	PASS
Band12	3MHz	QPSK	23165	1RB#14	-22.70	PASS
Band12	3MHz	16QAM	23165	1RB#14	-24.66	PASS
Band12	3MHz	QPSK	23165	15RB#0	-28.22	PASS
Band12	3MHz	16QAM	23165	15RB#0	-30.25	PASS
Band12	5MHz	QPSK	23035	1RB#0	-25.11	PASS
Band12	5MHz	16QAM	23035	1RB#0	-27.24	PASS
Band12	5MHz	QPSK	23035	1RB#24	-60.85	PASS
Band12	5MHz	16QAM	23035	1RB#24	-61.18	PASS
Band12	5MHz	QPSK	23035	25RB#0	-29.75	PASS
Band12	5MHz	16QAM	23035	25RB#0	-35.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	-61.24	PASS
Band12	5MHz	16QAM	23155	1RB#0	-61.50	PASS
Band12	5MHz	QPSK	23155	1RB#24	-26.51	PASS
Band12	5MHz	16QAM	23155	1RB#24	-27.63	PASS
Band12	5MHz	QPSK	23155	25RB#0	-33.40	PASS

Band12	5MHz	16QAM	23155	25RB#0	-33.36	PASS
Band12	10MHz	QPSK	23060	1RB#0	-42.09	PASS
Band12	10MHz	16QAM	23060	1RB#0	-44.24	PASS
Band12	10MHz	QPSK	23060	1RB#49	-59.25	PASS
Band12	10MHz	16QAM	23060	1RB#49	-57.88	PASS
Band12	10MHz	16QAM	23060	50RB#0	-39.29	PASS
Band12	10MHz	QPSK	23060	50RB#0	-38.58	PASS
Band12	10MHz	QPSK	23130	1RB#0	-59.15	PASS
Band12	10MHz	16QAM	23130	1RB#0	-59.82	PASS
Band12	10MHz	QPSK	23130	1RB#49	-44.98	PASS
Band12	10MHz	16QAM	23130	1RB#49	-38.29	PASS
Band12	10MHz	QPSK	23130	50RB#0	-41.19	PASS
Band12	10MHz	16QAM	23130	50RB#0	-41.86	PASS

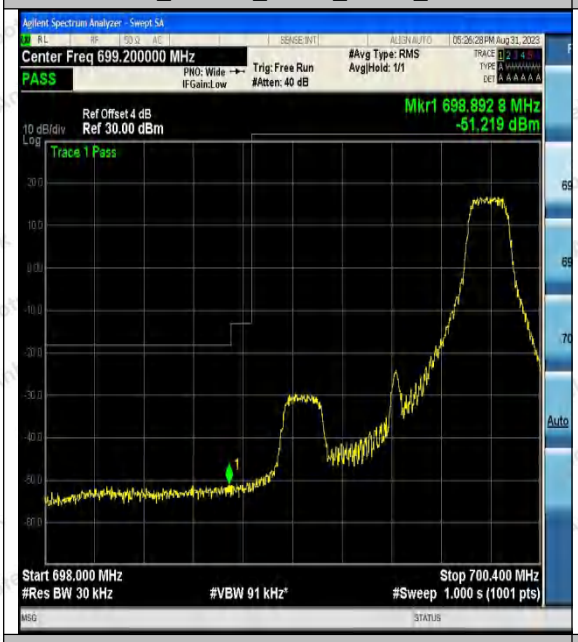
Test Graphs



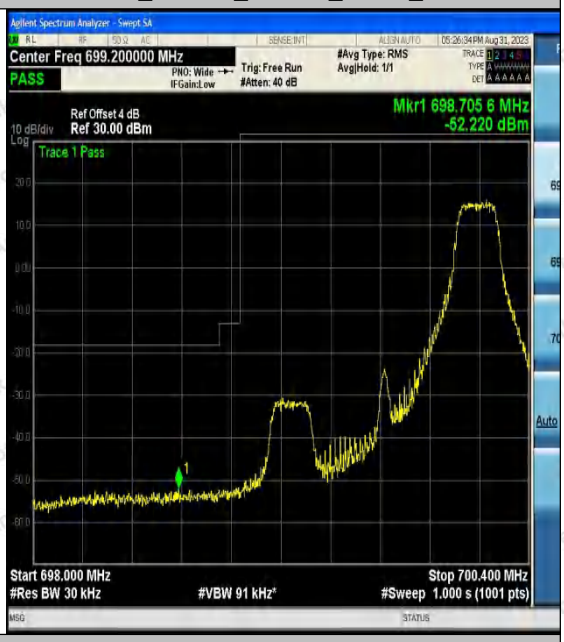
Band12_1.4MHz_QPSK_23017_1RB#0



Band12_1.4MHz_16QAM_23017_1RB#0



Band12_1.4MHz_QPSK_23017_1RB#5



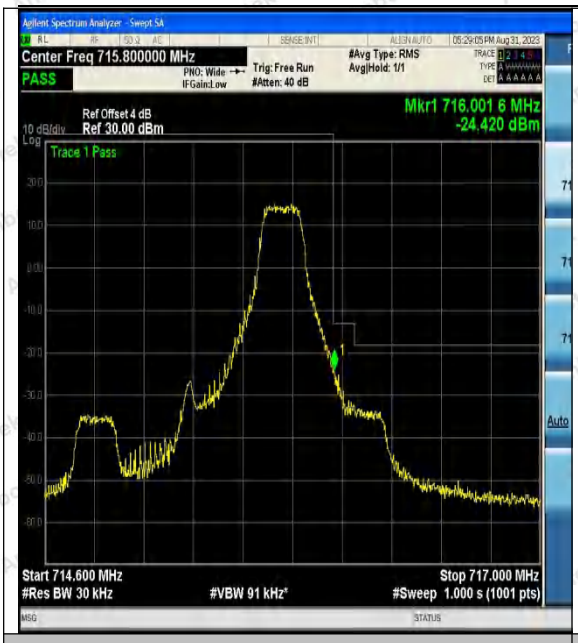
Band12_1.4MHz_16QAM_23017_1RB#5

Band12_1.4MHz_QPSK_23017_6RB#0

Band12_1.4MHz_16QAM_23017_6RB#0

Band12_1.4MHz_QPSK_23173_1RB#0

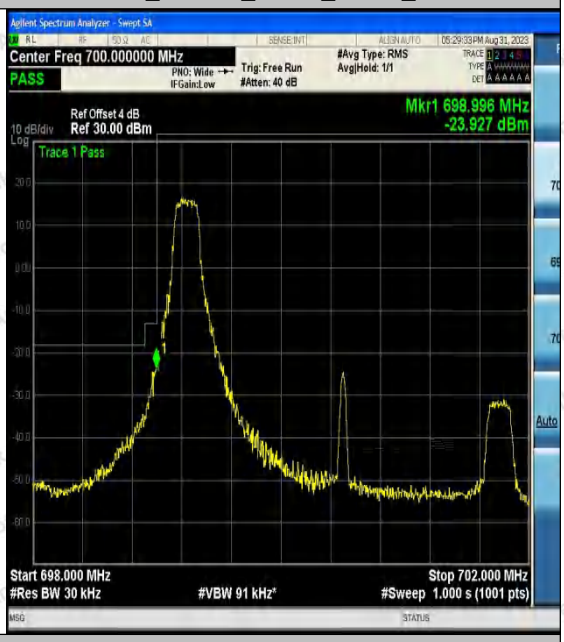
Band12_1.4MHz_16QAM_23173_1RB#0



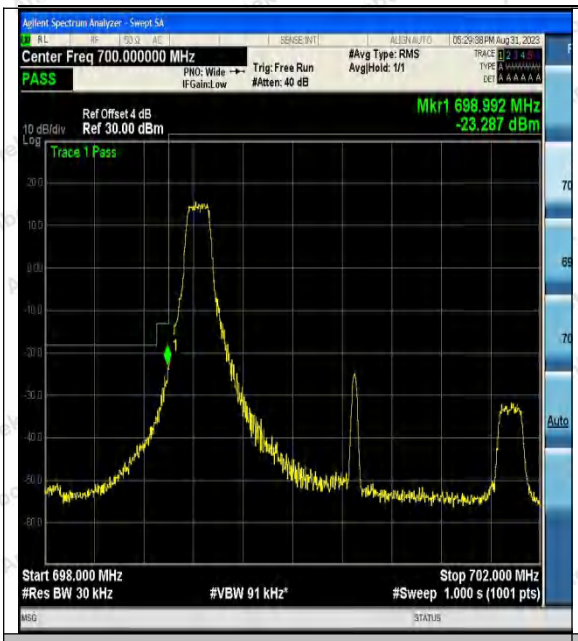
Band12_1.4MHz_16QAM_23173_1RB#5

Band12_1.4MHz_QPSK_23173_6RB#0

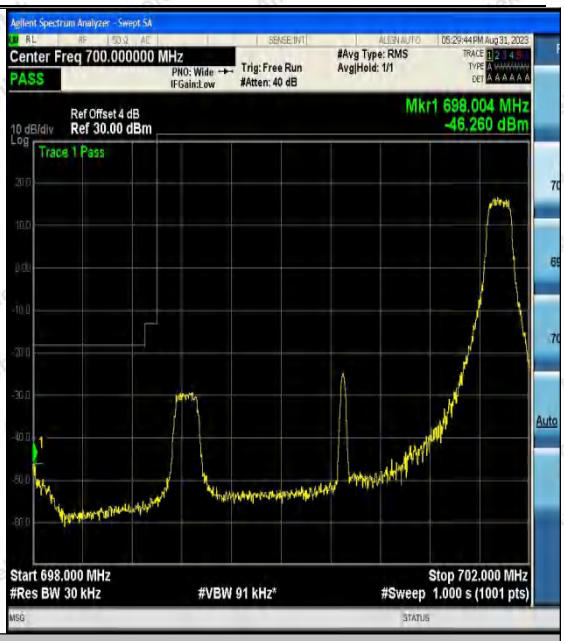
Band12_1.4MHz_16QAM_23173_6RB#0



Band12_3MHz_QPSK_23025_1RB#0

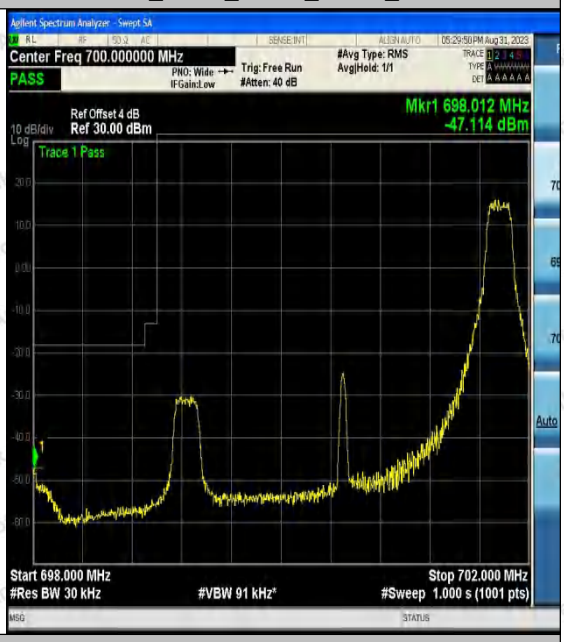


Band12_3MHz_16QAM_23025_1RB#0

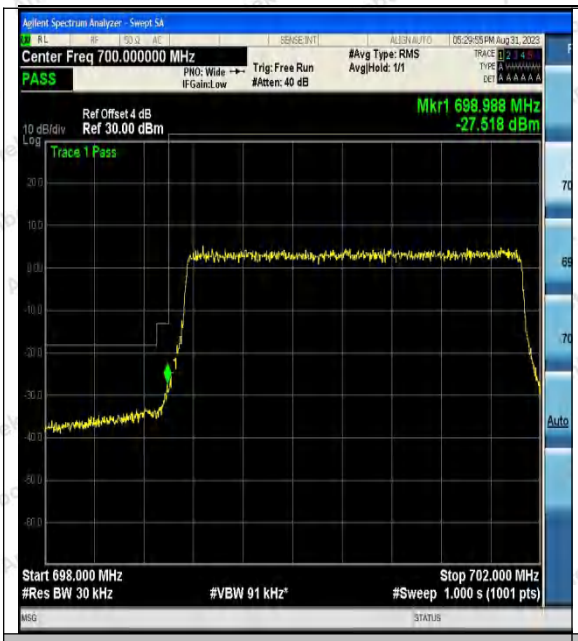


Band12_3MHz_QPSK_23025_1RB#14

Band12_1.4MHz_QPSK_23173_1RB#5

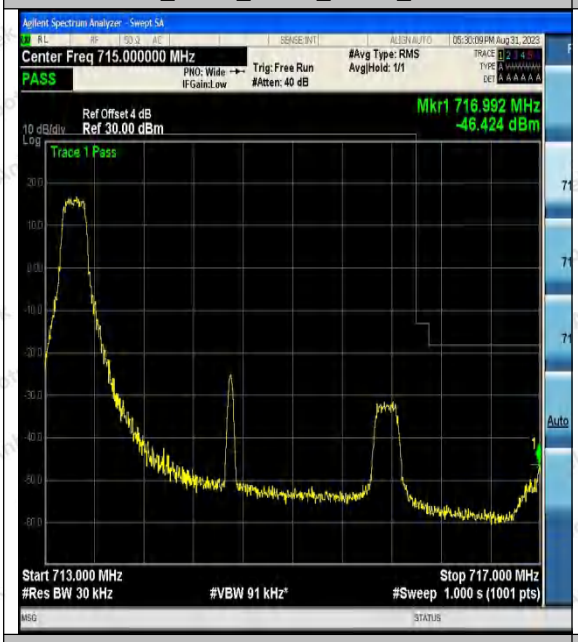


Band12_3MHz_16QAM_23025_1RB#14

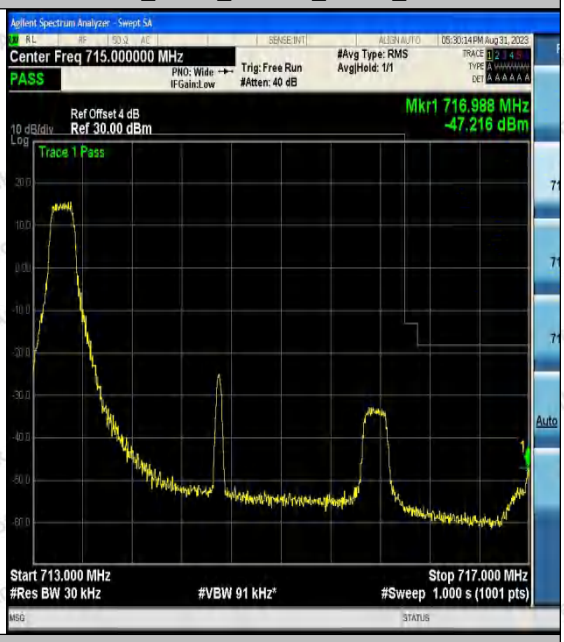


Band12_3MHz_QPSK_23025_15RB#0

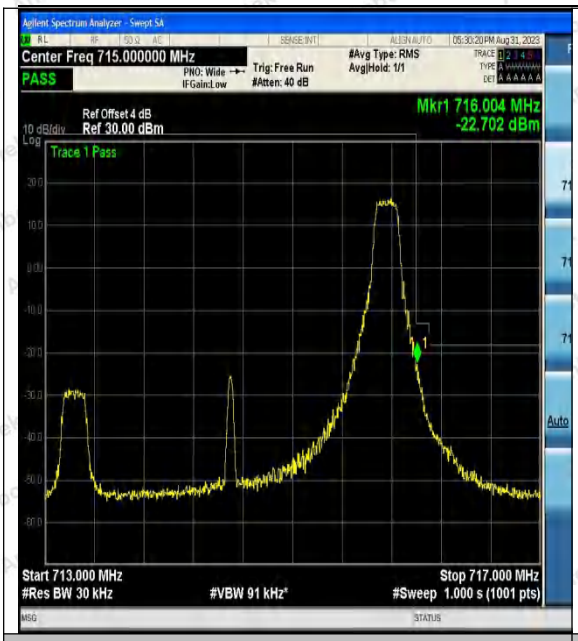
Band12_3MHz_16QAM_23025_15RB#0



Band12_3MHz_QPSK_23165_1RB#0



Band12_3MHz_16QAM_23165_1RB#0



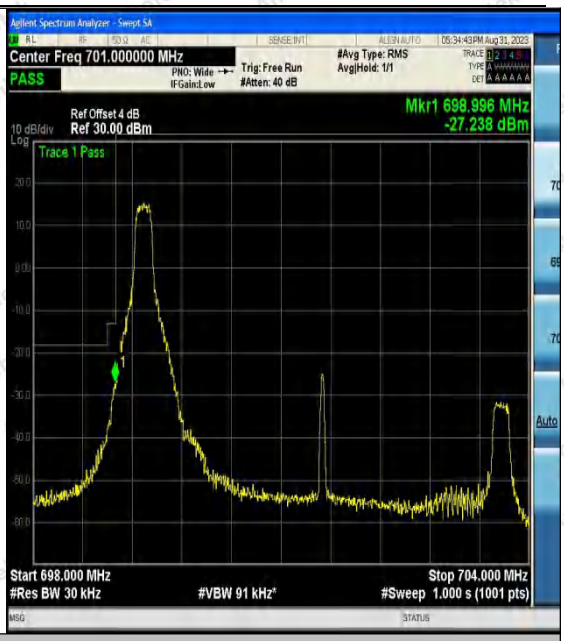
Band12_3MHz_QPSK_23165_1RB#14

Band12_3MHz_16QAM_23165_1RB#14

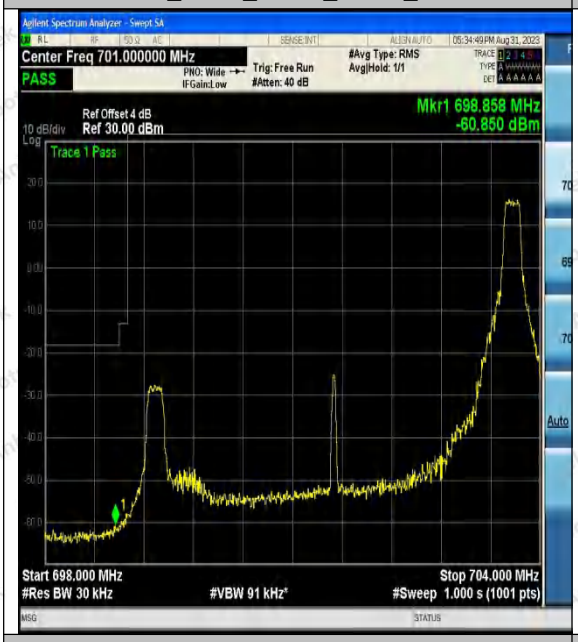
Band12_3MHz_QPSK_23165_15RB#0

Band12_3MHz_16QAM_23165_15RB#0

Band12_5MHz_QPSK_23035_1RB#0



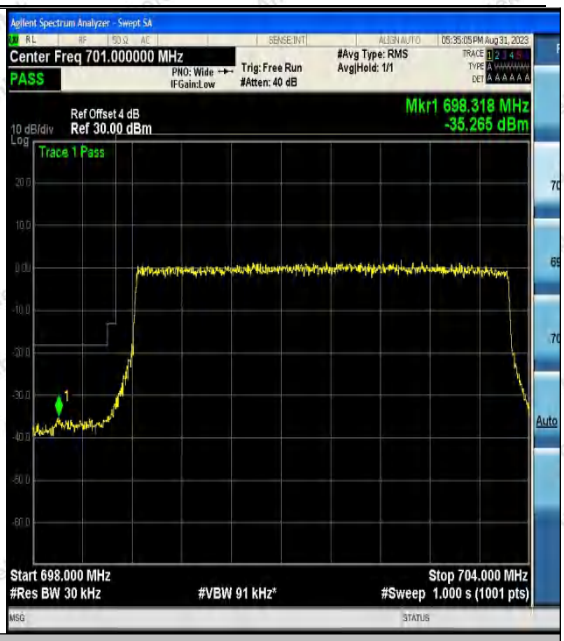
Band12_5MHz_16QAM_23035_1RB#0



Band12_5MHz_QPSK_23035_1RB#24

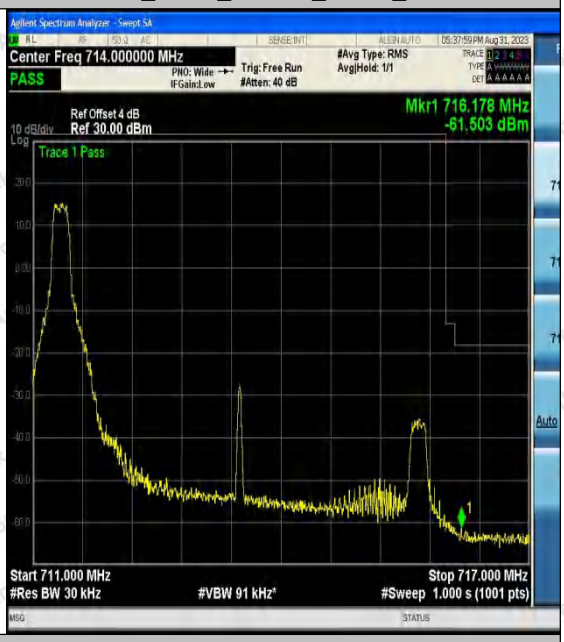
Band12_5MHz_16QAM_23035_1RB#24

Band12_5MHz_QPSK_23035_25RB#0



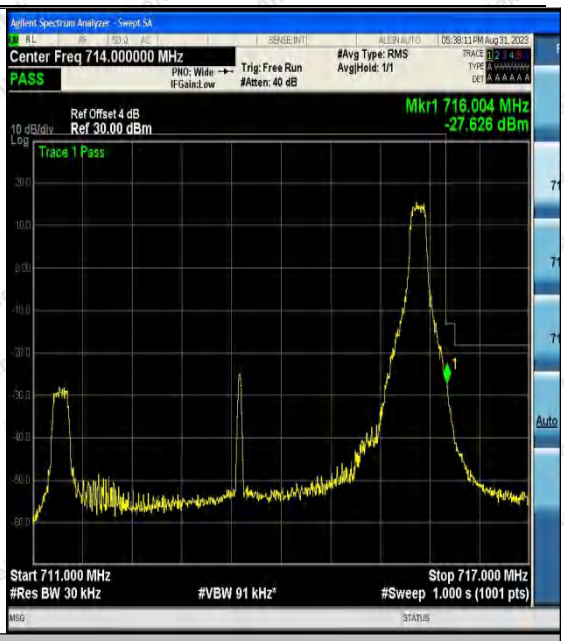
Band12_5MHz_16QAM_23035_25RB#0

Band12_5MHz_QPSK_23155_1RB#0



Band12_5MHz_16QAM_23155_1RB#0

Band12_5MHz_QPSK_23155_1RB#24



Band12_5MHz_16QAM_23155_1RB#24

Band12_5MHz_QPSK_23155_25RB#0

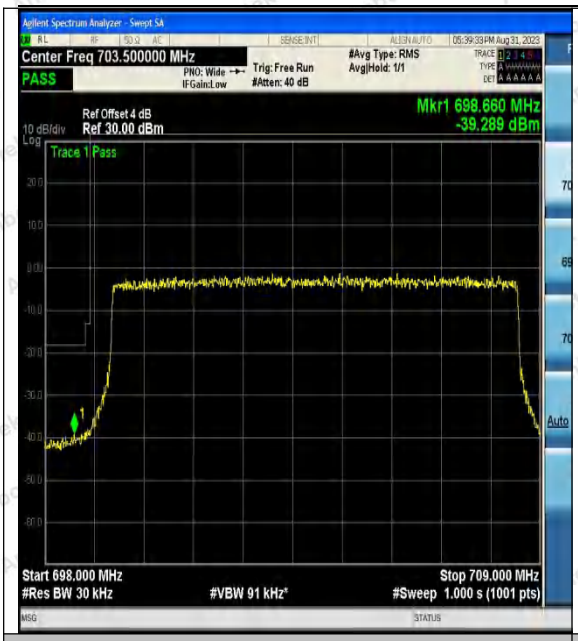
Band12_5MHz_16QAM_23155_25RB#0

Band12_10MHz_QPSK_23060_1RB#0

Band12_10MHz_16QAM_23060_1RB#0

Band12_10MHz_QPSK_23060_1RB#49

Band12_10MHz_16QAM_23060_1RB#49

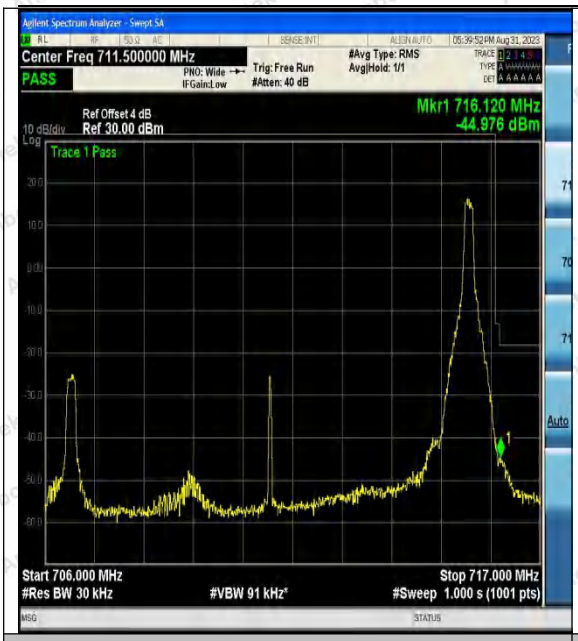


Band12_10MHz_16QAM_23060_50RB#0

Band12_10MHz_QPSK_23060_50RB#0

Band12_10MHz_QPSK_23130_1RB#0

Band12_10MHz_16QAM_23130_1RB#0



Band12_10MHz_QPSK_23130_1RB#49

Band12_10MHz_16QAM_23130_1RB#49

Band12_10MHz_QPSK_23130_50RB#0

Band12_10MHz_16QAM_23130_50RB#0

Appendix E: Conducted Spurious Emission

Test Result

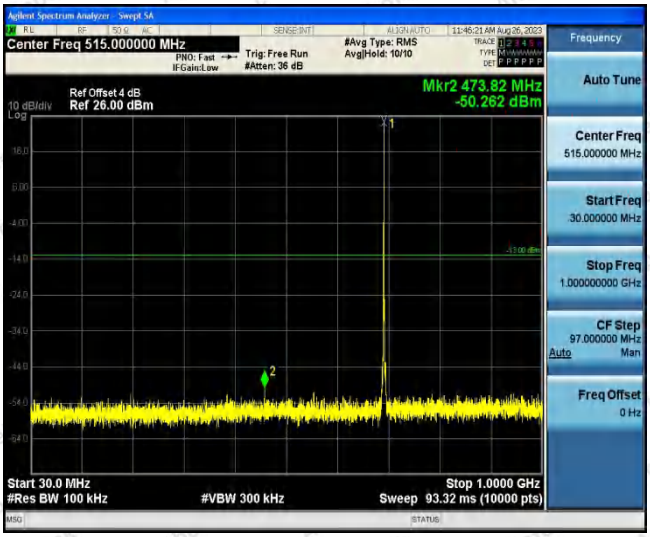
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-50.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-15.48	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.09	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-24.23	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-51.14	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-23.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-51.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-21.33	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-21.88	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-50.51	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-16.22	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-50.09	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-22.01	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.44	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-18.32	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-51.05	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-52.83	PASS

Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-51.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-24.25	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-51.52	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-21.4	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-51.53	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-25.76	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-51.45	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-53.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-50.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-20.76	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-51.28	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-53.39	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-50.84	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-23.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-51.11	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-25.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-25.51	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-51.48	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-21.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.19	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~	-20.7	PASS

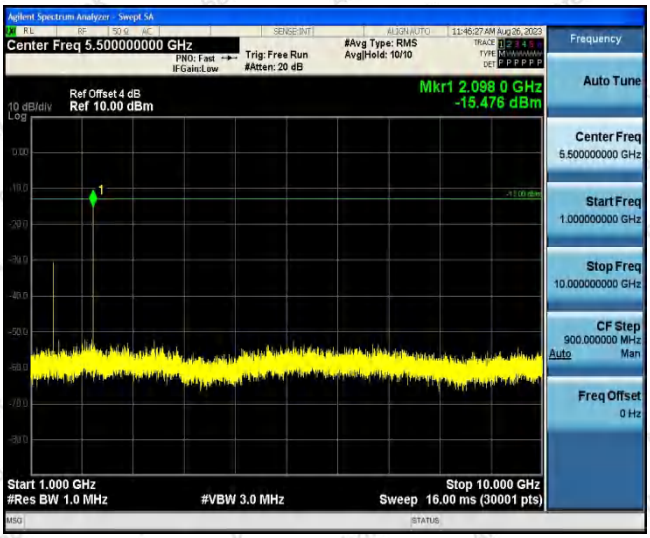
					10000MHz		
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-51.19	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-16.53	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-51.17	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-23.27	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.54	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-18.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-50.82	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-19.16	PASS

Test Graphs

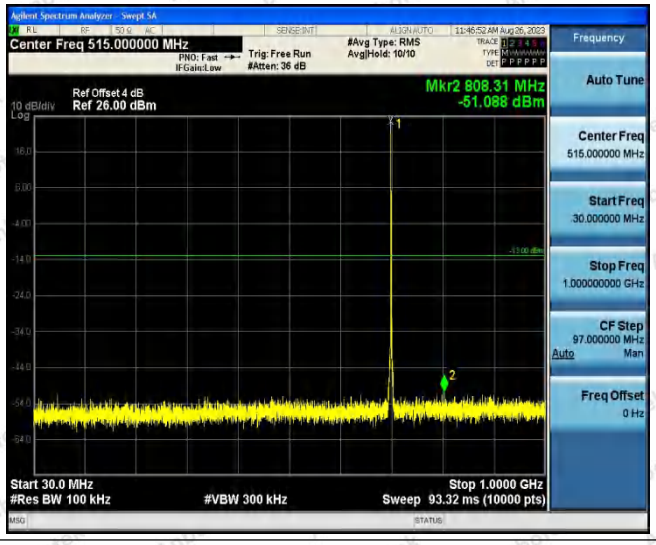
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



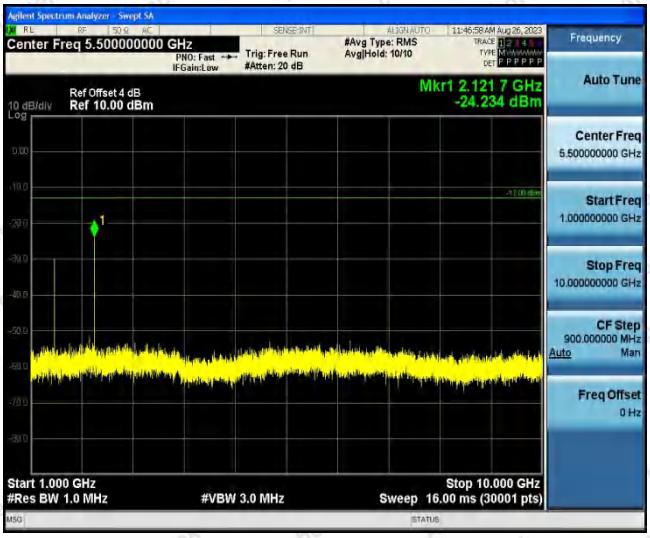
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



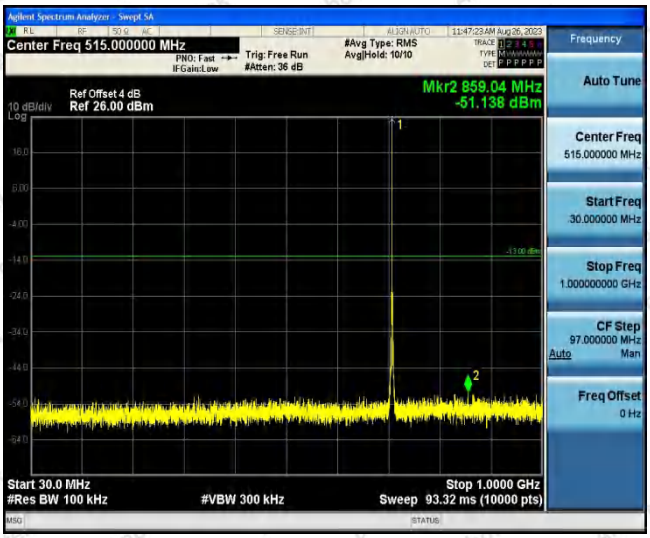
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



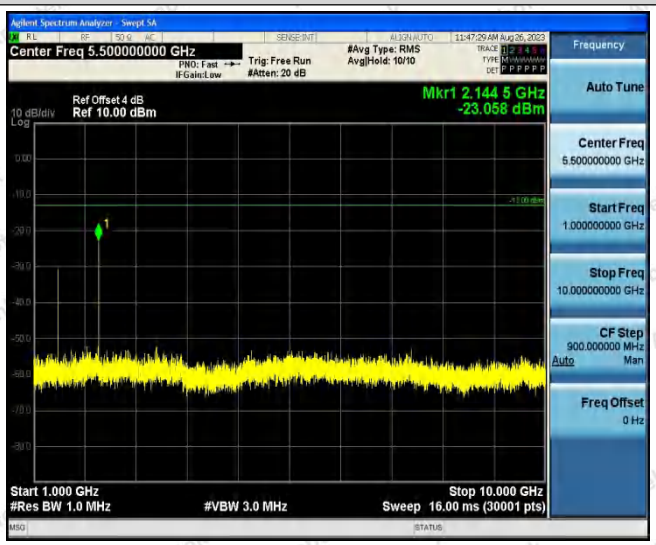
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



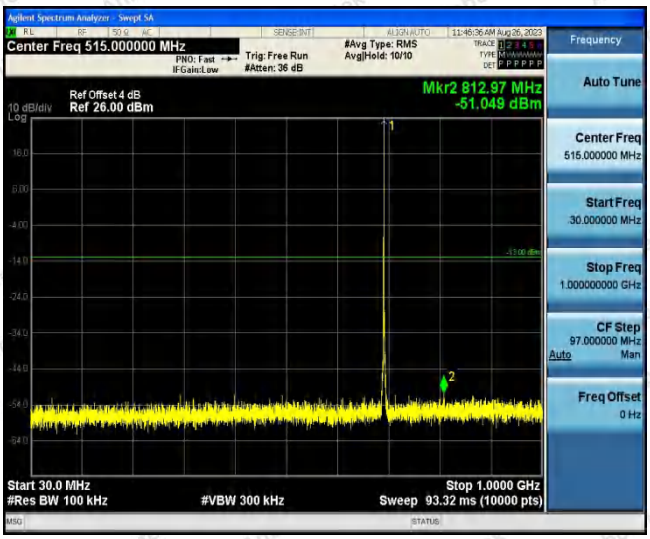
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



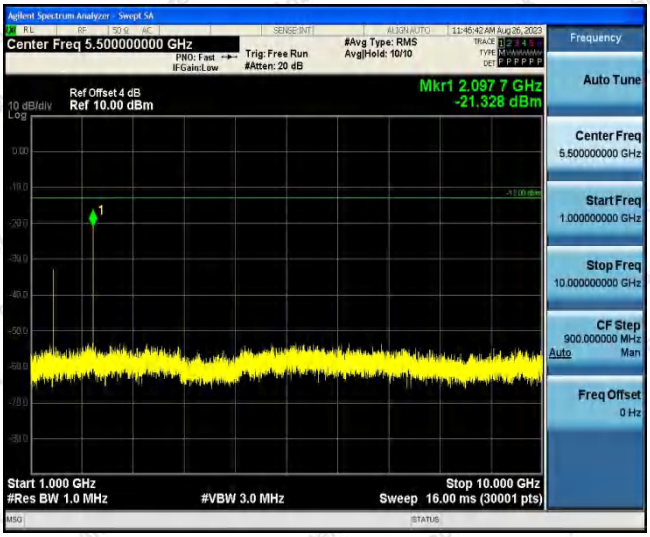
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



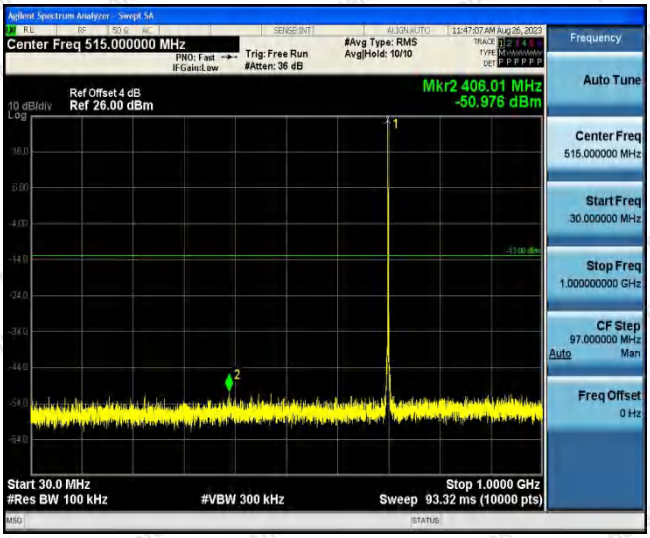
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



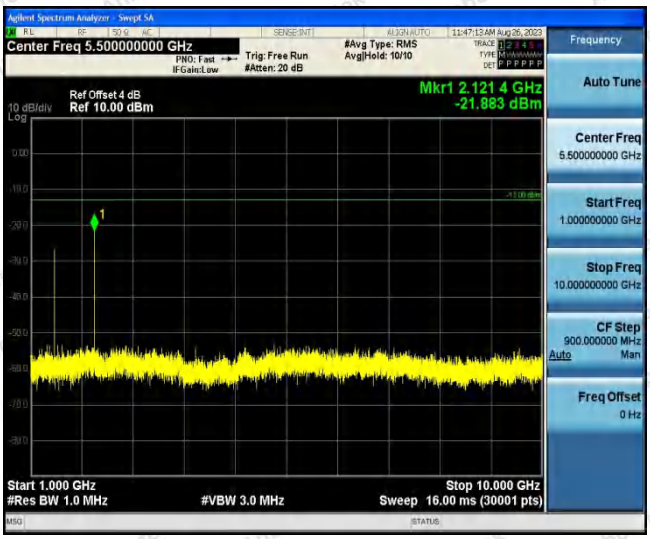
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



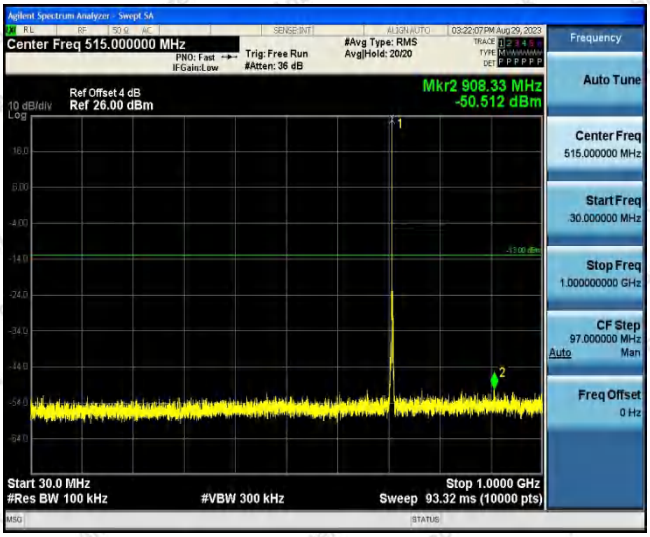
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



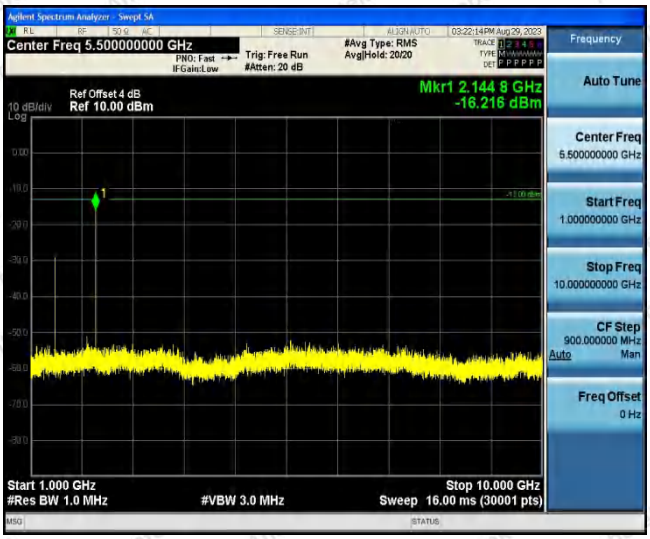
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



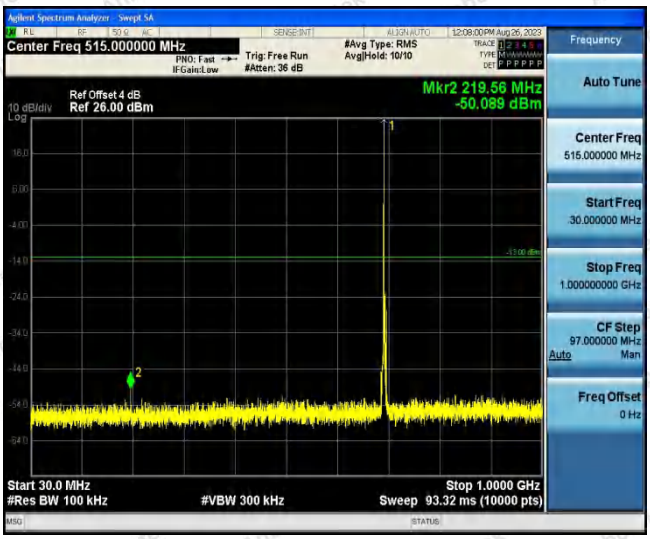
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



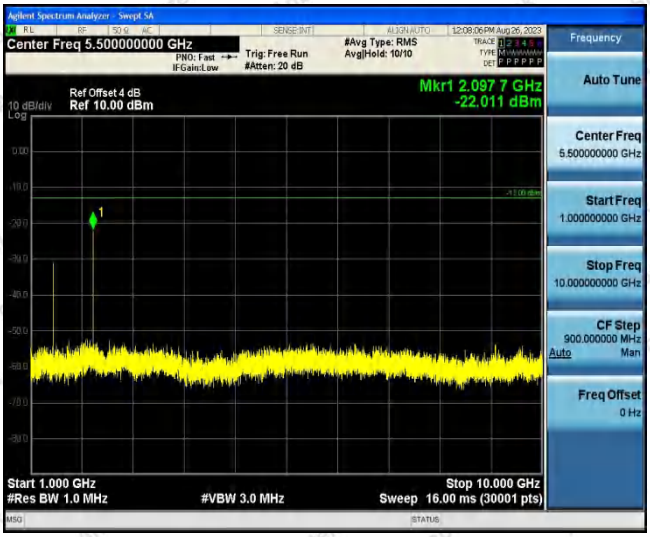
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



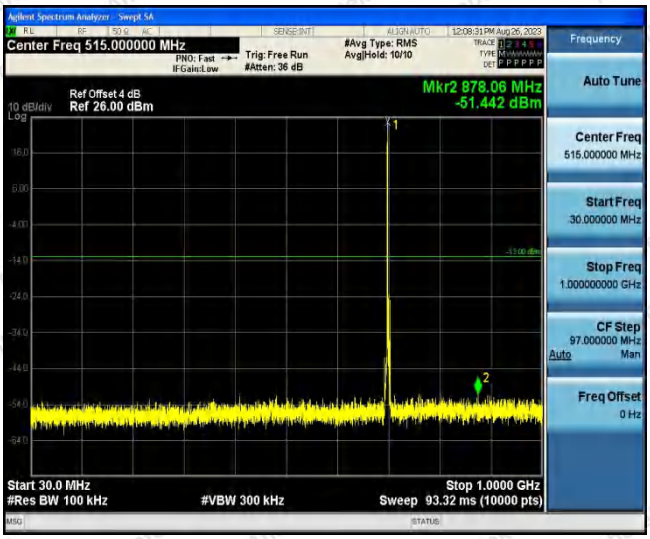
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



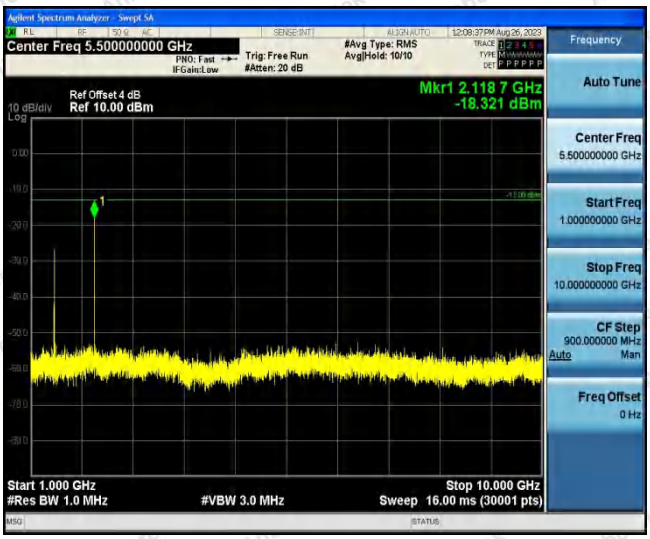
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



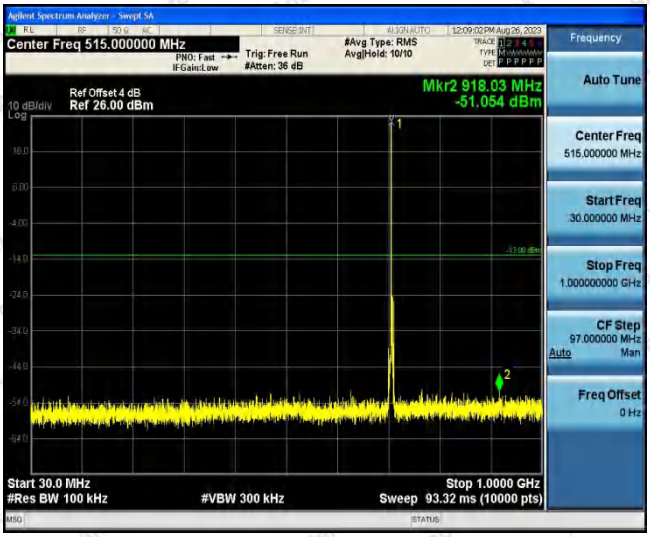
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



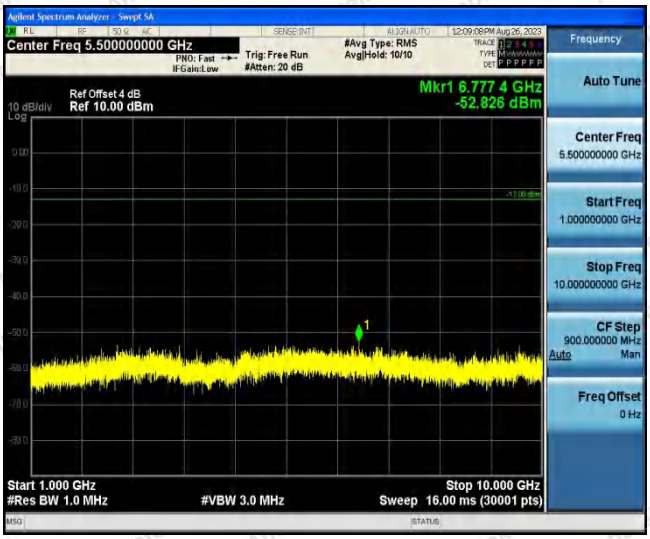
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



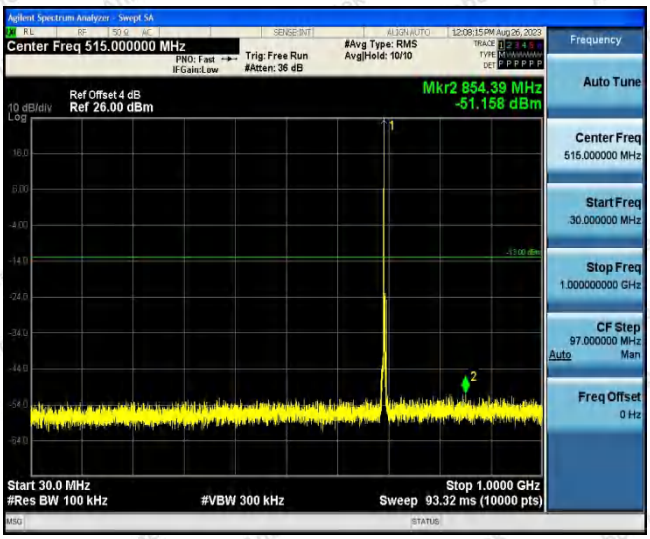
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



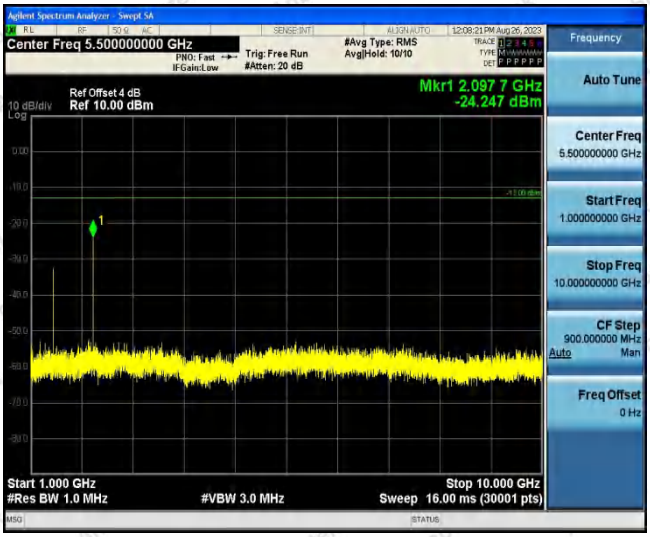
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



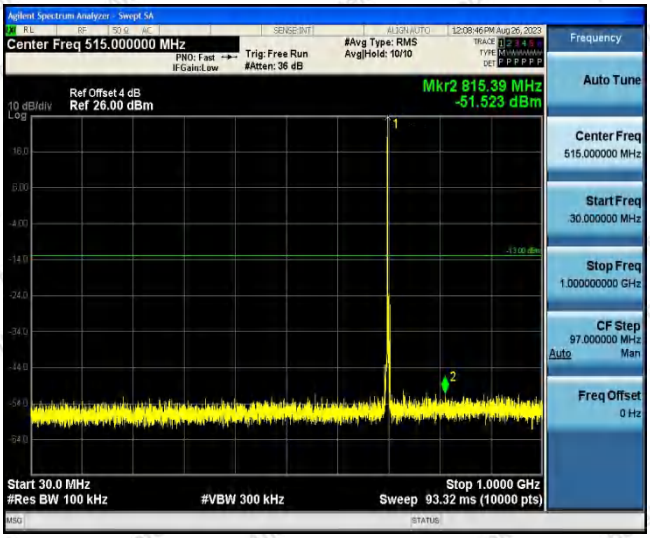
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



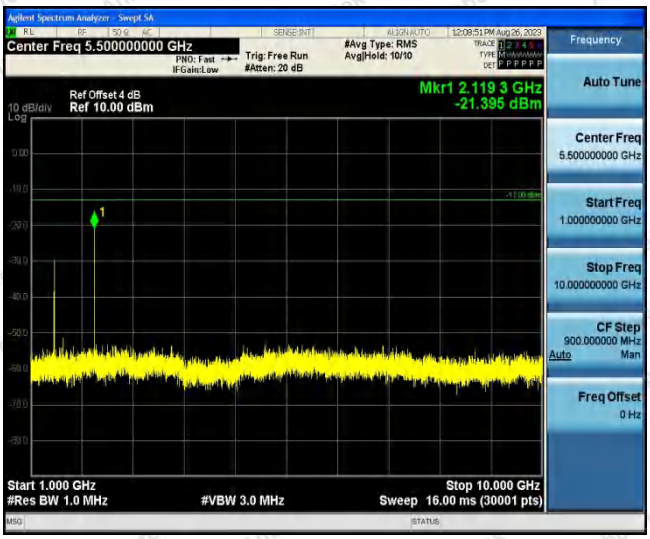
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



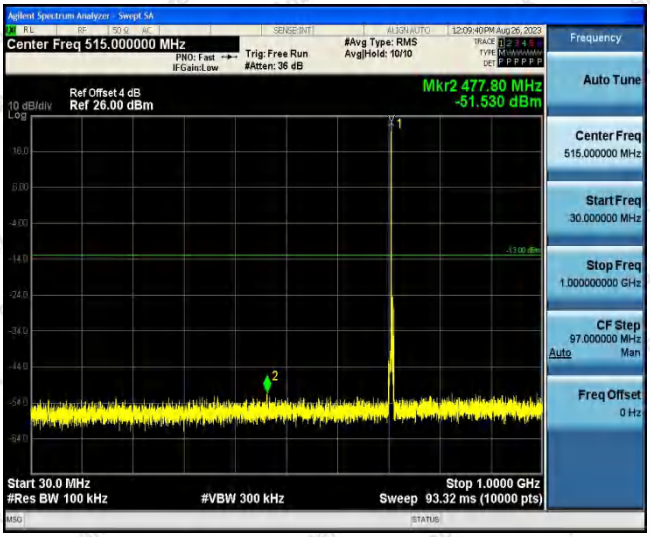
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



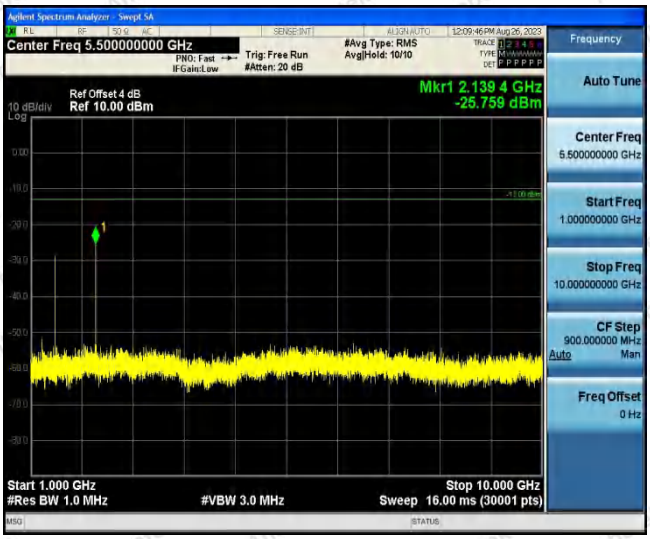
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



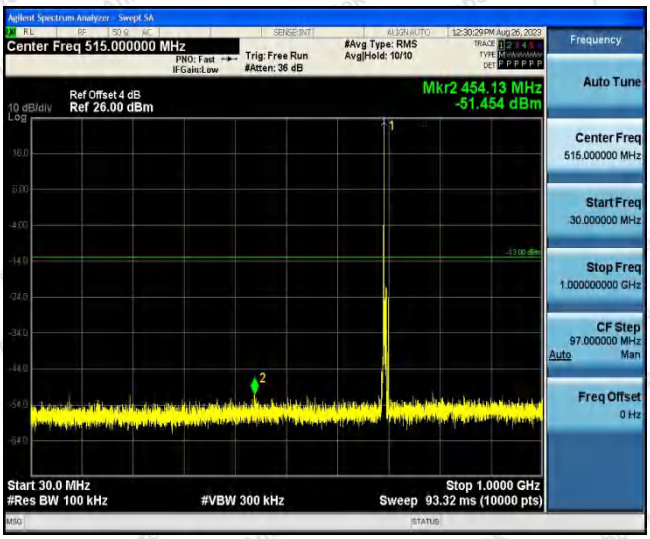
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



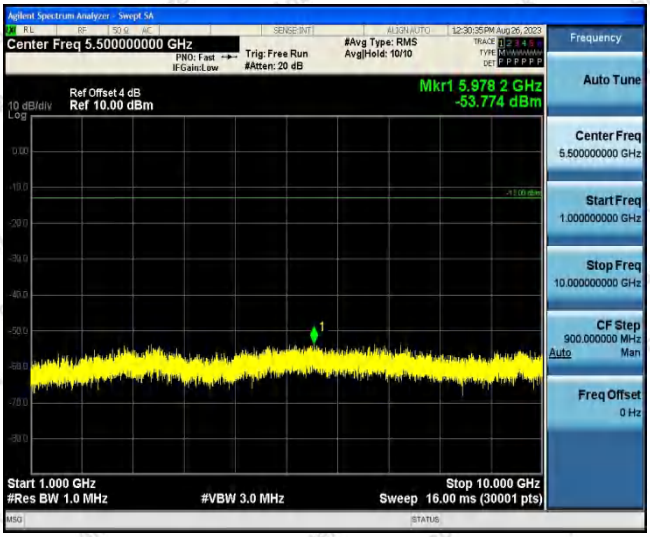
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



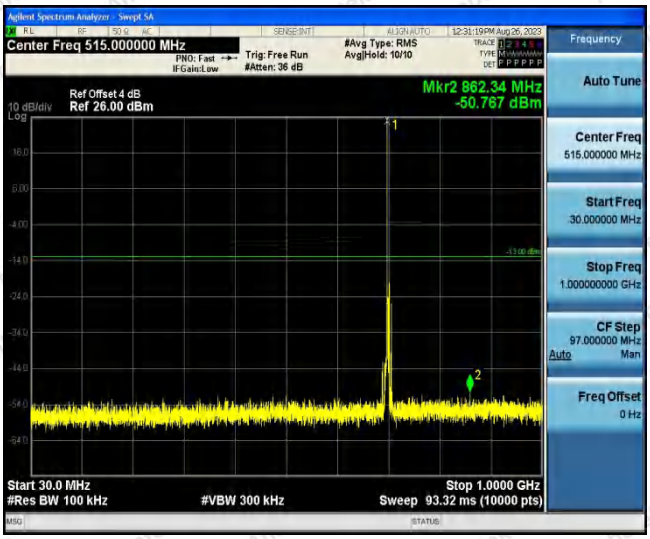
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



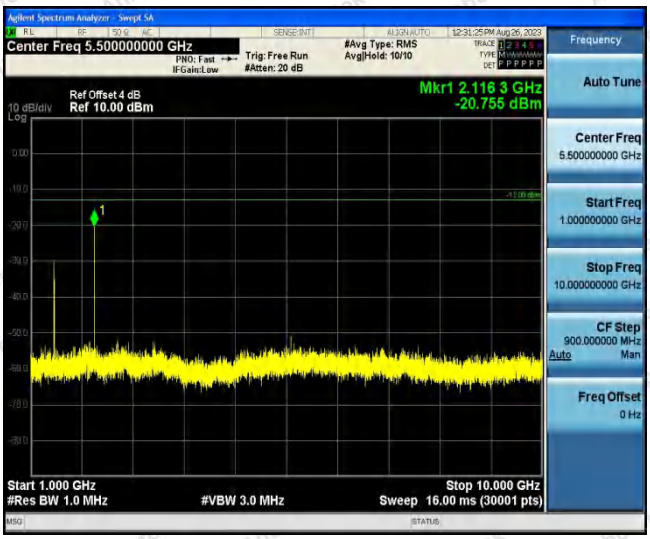
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



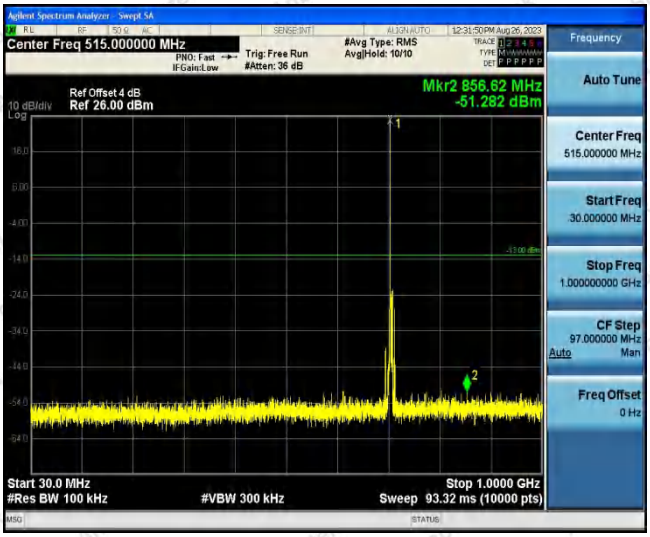
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



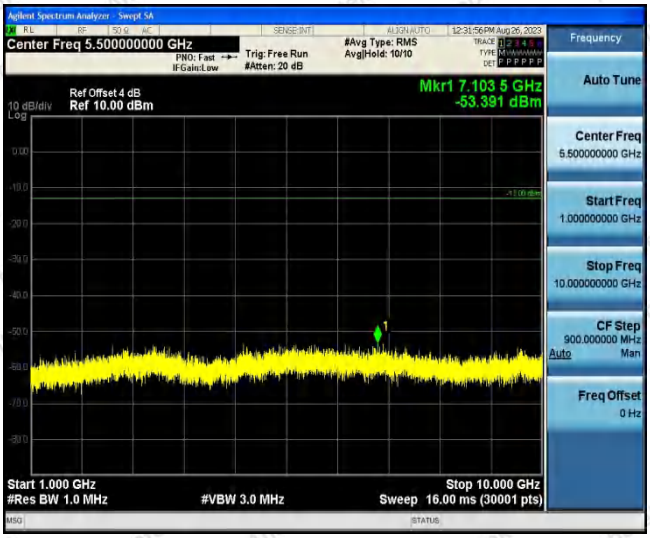
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



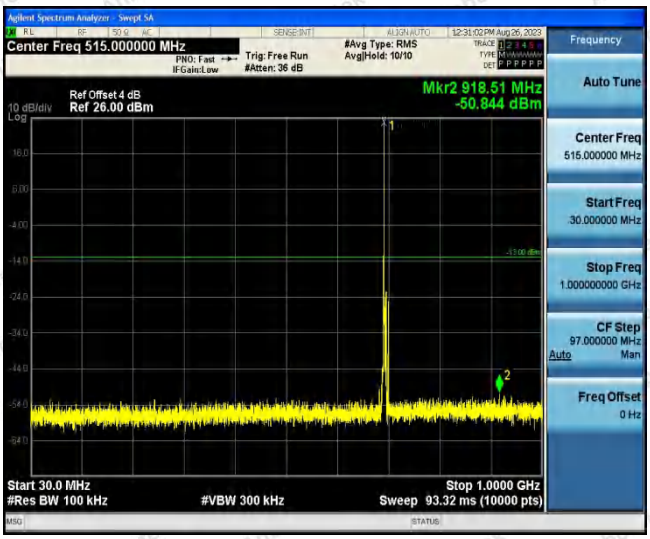
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



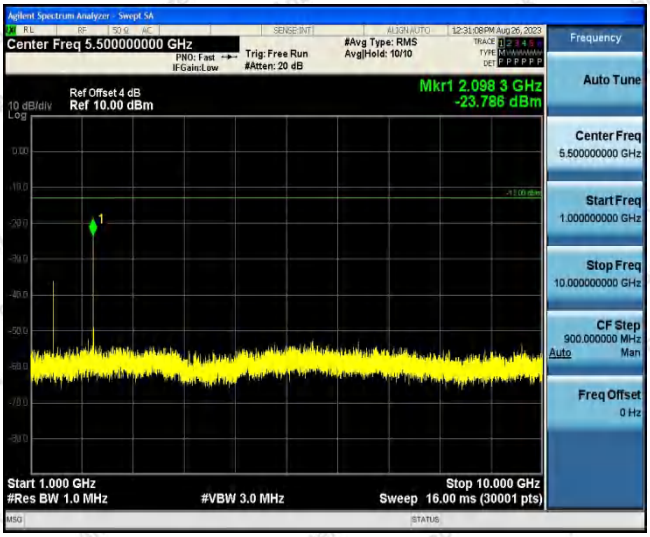
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



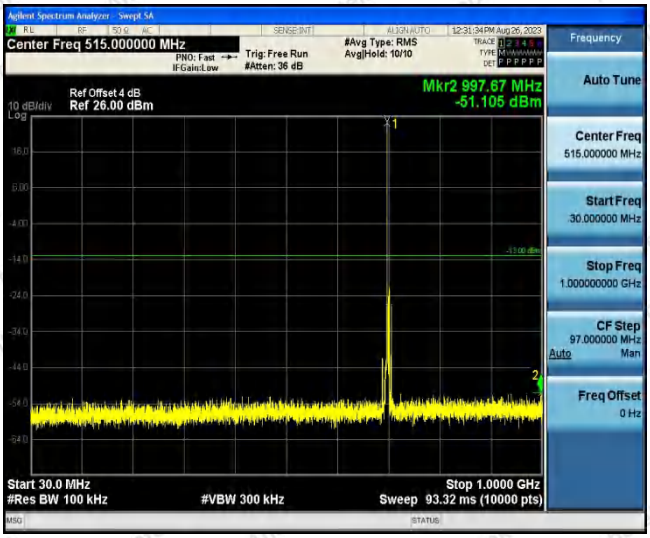
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



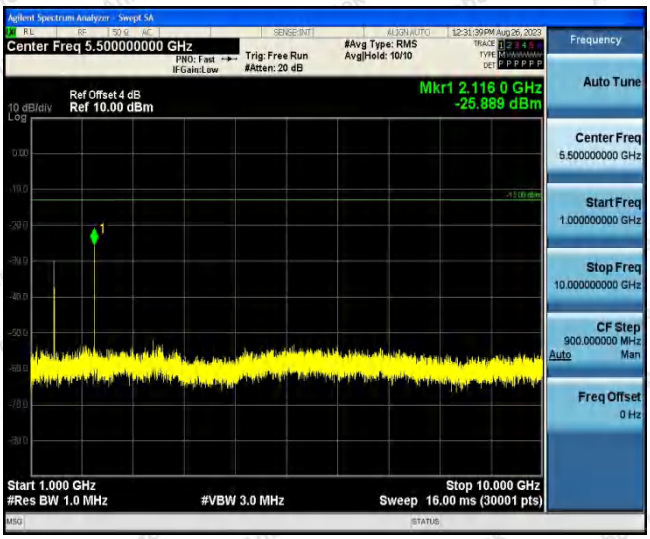
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



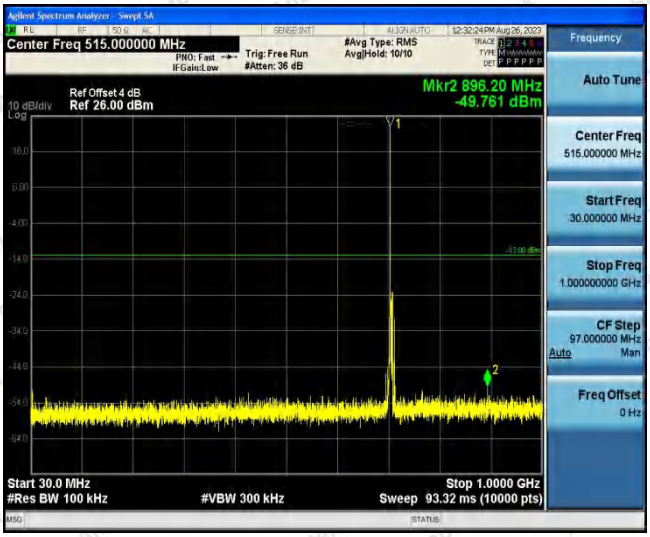
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



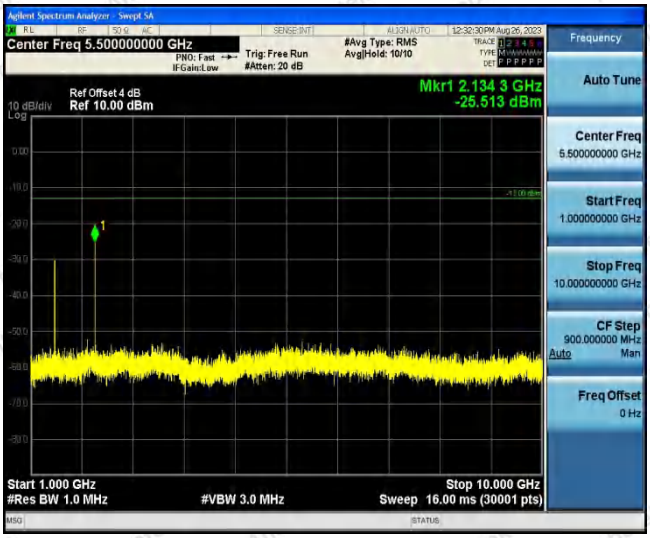
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



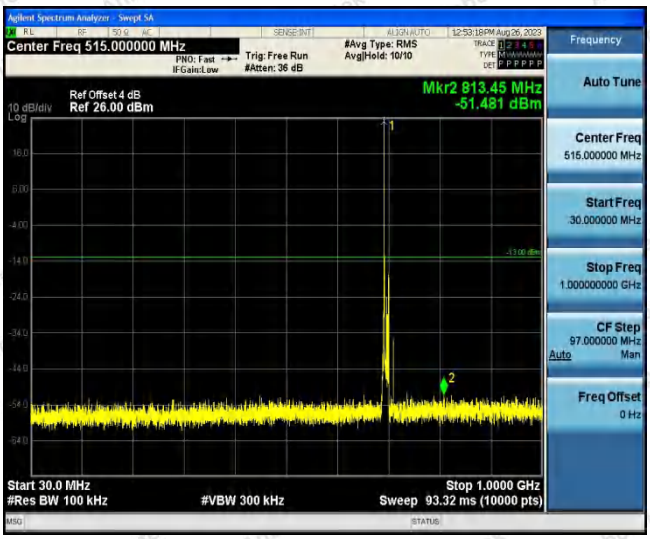
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



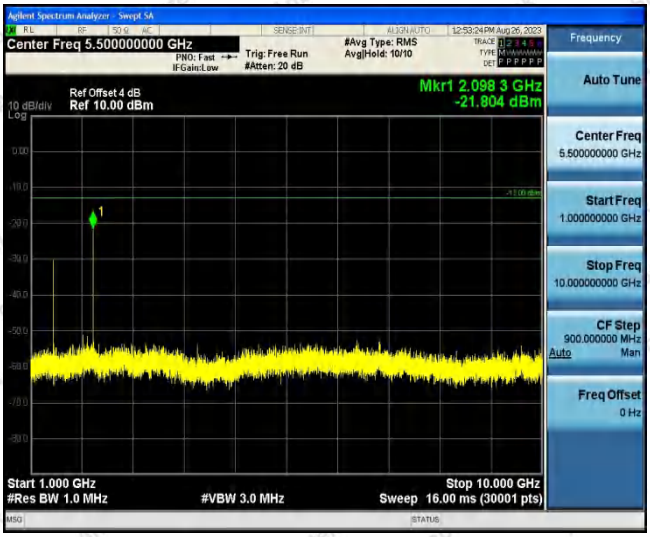
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



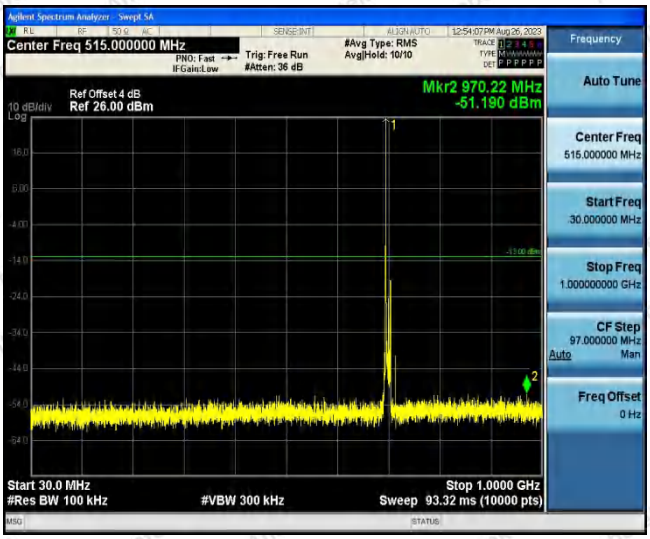
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



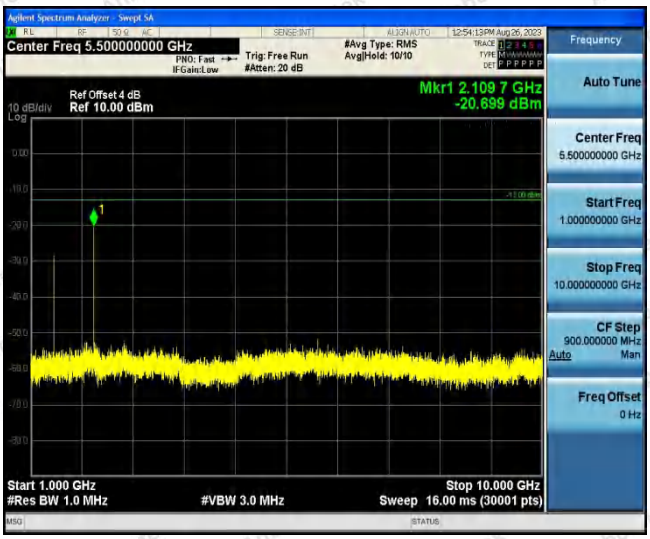
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



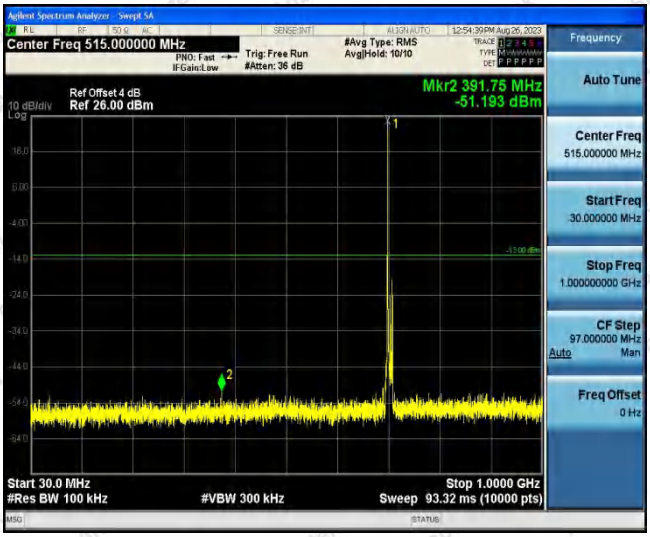
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



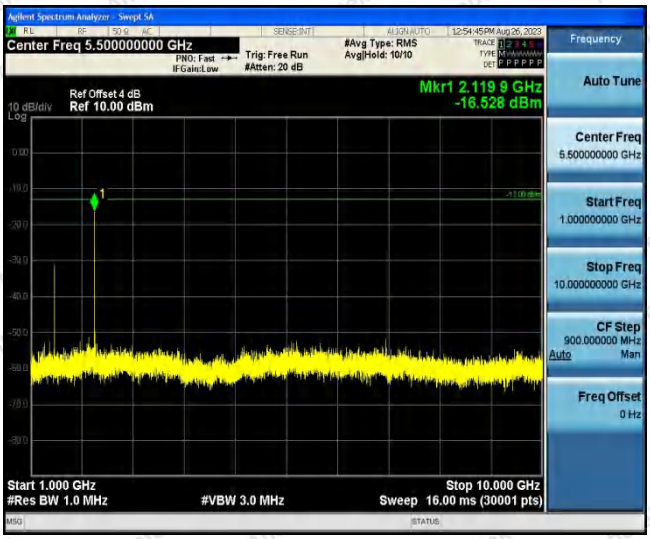
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



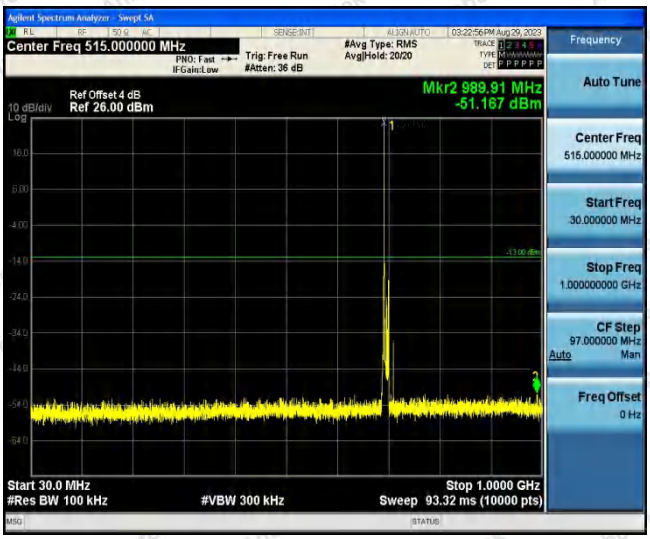
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



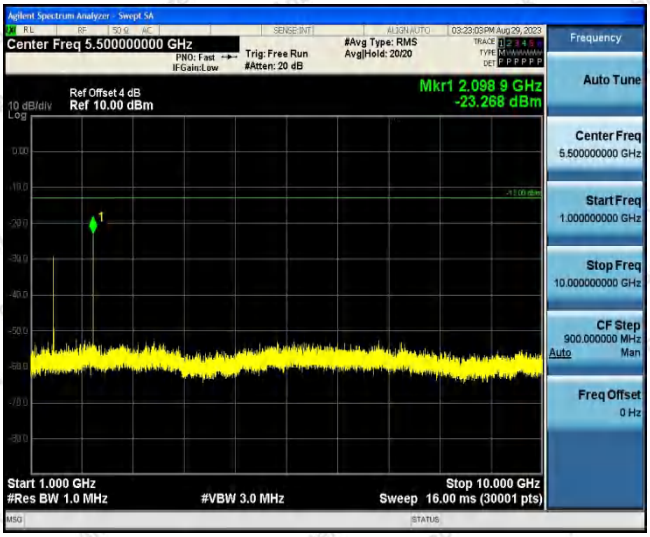
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



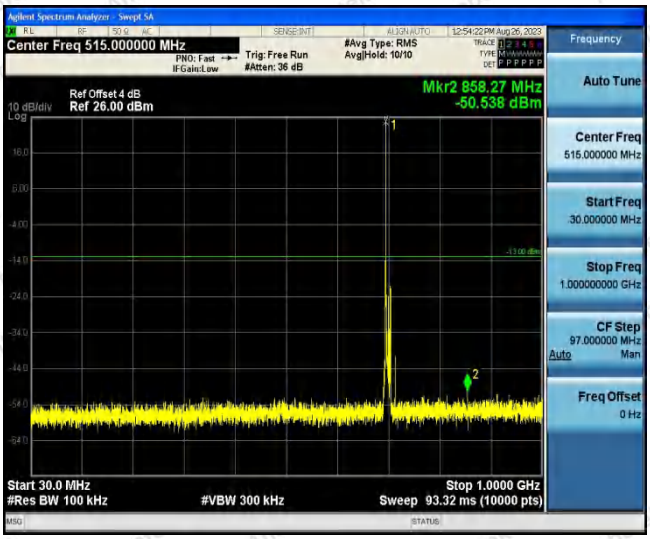
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



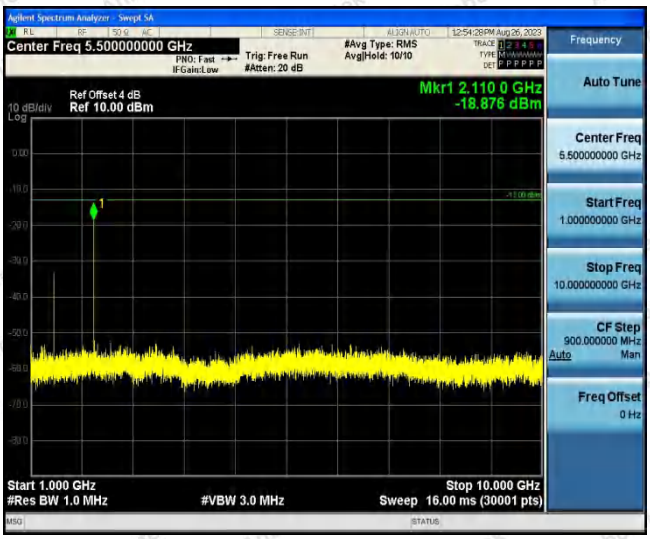
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



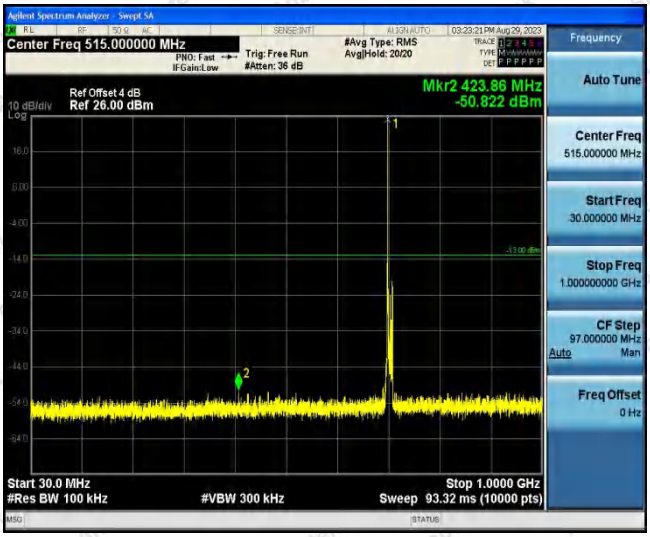
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



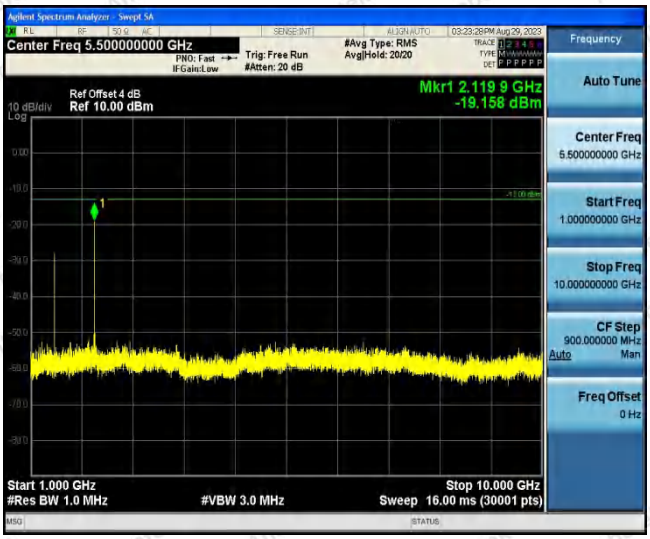
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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



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



Appendix F: Frequency stability VS Voltage measurement

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-1.14	-0.001629	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-2.49	-0.003559	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	1.47	0.002101	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-3.30	-0.004664	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-2.72	-0.003845	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-3.06	-0.004325	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-3.15	-0.004404	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-2.40	-0.003355	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-4.21	-0.005886	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	1.49	0.002129	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	2.66	0.003802	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-2.93	-0.004188	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-3.06	-0.004325	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.15	-0.003039	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-2.46	-0.003477	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-3.02	-0.004222	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	2.25	0.003146	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-4.16	-0.005816	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-2.36	-0.003369	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-3.91	-0.005582	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-1.72	-0.002455	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-4.46	-0.006304	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-1.95	-0.002756	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-3.32	-0.004693	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-3.13	-0.004381	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	-1.69	-0.002365	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-2.50	-0.003499	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-3.71	-0.005296	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-3.32	-0.004739	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-2.75	-0.003926	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	2.23	0.003152	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-3.33	-0.004707	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-2.98	-0.004212	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-2.75	-0.003849	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-2.26	-0.003163	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-2.68	-0.003751	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-2.42	-0.003450	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-2.60	-0.003706	±2.5	PASS

Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-3.38	-0.004818	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-2.56	-0.003618	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-1.44	-0.002035	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-3.66	-0.005173	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-2.68	-0.003756	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-3.20	-0.004485	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-2.68	-0.003756	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-2.03	-0.002894	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-3.93	-0.005602	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-3.75	-0.005346	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-5.35	-0.007562	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-3.72	-0.005258	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-3.39	-0.004792	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-3.83	-0.005368	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-2.85	-0.003994	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-3.52	-0.004933	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-2.23	-0.003168	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-2.50	-0.003551	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-2.25	-0.003196	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	2.09	0.002954	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-2.13	-0.003011	±2.5	PASS

Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-2.30	-0.003251	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-3.71	-0.005218	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-1.76	-0.002475	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-4.81	-0.006765	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	2.26	0.003210	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	2.53	0.003594	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-2.02	-0.002869	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-3.79	-0.005357	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-2.07	-0.002926	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-3.22	-0.004551	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-4.13	-0.005809	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-3.66	-0.005148	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-2.90	-0.004079	±2.5	PASS

Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-1.92	-0.002744	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	1.89	0.002701	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	2.06	0.002944	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-2.23	-0.003187	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	1.49	0.002129	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-1.95	-0.002787	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	2.45	0.003502	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-2.69	-0.003845	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	1.65	0.002358	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	2.47	0.003491	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-3.42	-0.004834	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-2.23	-0.003152	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.52	-0.003562	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-2.63	-0.003717	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-3.79	-0.005357	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-2.19	-0.003095	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-3.58	-0.005060	±2.5	PASS
Band1	1.4MHz	QPSK	23095	6RB#0	NV	50	-1.49	-0.002106	±2.5	PASS

2										
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-30	-3.75	-0.005243	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1.79	-0.002502	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-10	-1.52	-0.002125	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	-2.46	-0.003439	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	-1.96	-0.002740	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	-2.53	-0.003537	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	30	-3.08	-0.004306	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	40	-2.09	-0.002922	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	50	-2.09	-0.002922	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-1.66	-0.002372	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-3.03	-0.004330	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-10	-2.07	-0.002958	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	2.36	0.003373	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	2.42	0.003459	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-2.16	-0.003087	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	1.62	0.002315	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	-1.67	-0.002387	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	2.85	0.004073	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	-2.05	-0.002898	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-3.23	-0.004565	±2.5	PASS
Band1	1.4MHz	16QAM	23095	6RB#0	NV	-10	-2.19	-0.003095	±2.5	PASS

2										
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-2.16	-0.003053	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-2.86	-0.004042	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	-1.96	-0.002770	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	-2.43	-0.003435	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.85	-0.004028	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	-3.29	-0.004650	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	-3.30	-0.004613	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-3.60	-0.005033	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-10	2.02	0.002824	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-3.63	-0.005075	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-4.21	-0.005886	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-2.66	-0.003719	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	-1.92	-0.002684	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	-3.75	-0.005243	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	-3.16	-0.004418	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-2.69	-0.003840	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-2.06	-0.002941	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-10	-3.28	-0.004682	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-4.78	-0.006824	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-3.55	-0.005068	±2.5	PASS
Band1	3MHz	QPSK	23025	15RB#0	NV	20	-4.13	-0.005896	±2.5	PASS

2										
Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	-3.22	-0.004597	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	-3.25	-0.004640	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	-9.66	-0.013790	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-5.28	-0.007463	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	1.90	0.002686	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-10	-3.58	-0.005060	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-2.39	-0.003378	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	-2.30	-0.003251	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	-2.40	-0.003392	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	-4.06	-0.005739	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	-2.17	-0.003067	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	-4.51	-0.006375	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	-2.96	-0.004143	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	-2.16	-0.003023	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-10	2.66	0.003723	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	-1.37	-0.001917	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	-3.50	-0.004899	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	-3.89	-0.005444	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	2.26	0.003163	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	-2.82	-0.003947	±2.5	PASS
Band1	3MHz	QPSK	23165	15RB#0	NV	50	-2.90	-0.004059	±2.5	PASS

2										
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	-3.56	-0.005082	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-5.11	-0.007295	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-10	-4.06	-0.005796	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-2.76	-0.003940	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-3.12	-0.004454	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-2.76	-0.003940	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	-4.94	-0.007052	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	-2.86	-0.004083	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	-3.38	-0.004825	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	-2.83	-0.004000	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	-2.76	-0.003901	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-10	-3.03	-0.004283	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	-3.09	-0.004367	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	-2.56	-0.003618	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	-3.98	-0.005625	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	-5.18	-0.007322	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	-3.63	-0.005131	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	-1.66	-0.002346	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-2.92	-0.004087	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	1.59	0.002225	±2.5	PASS
Band1	3MHz	16QAM	23165	15RB#0	NV	-10	2.30	0.003219	±2.5	PASS

2										
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	-2.12	-0.002967	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	3.20	0.004479	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	-2.40	-0.003359	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	1.96	0.002743	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	-2.73	-0.003821	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	1.80	0.002519	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-4.48	-0.006386	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	-1.54	-0.002195	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-10	-2.72	-0.003877	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	-3.00	-0.004277	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	-4.53	-0.006458	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	-1.63	-0.002324	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	30	-2.53	-0.003607	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	40	-1.40	-0.001996	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	50	-3.33	-0.004747	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	-3.15	-0.004452	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	-3.58	-0.005060	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-10	-3.73	-0.005272	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	2.30	0.003251	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-3.05	-0.004311	±2.5	PASS
Band1	5MHz	QPSK	23095	25RB#0	NV	20	-3.00	-0.004240	±2.5	PASS

2										
Band1 2	5MHz	QPSK	23095	25RB#0	NV	30	-2.50	-0.003534	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	40	-1.36	-0.001922	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	50	-2.39	-0.003378	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	-2.60	-0.003644	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	-2.49	-0.003490	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-10	-3.30	-0.004625	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	-2.19	-0.003069	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	-2.83	-0.003966	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	-3.08	-0.004317	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	30	-2.96	-0.004149	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	40	-3.26	-0.004569	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	50	-3.12	-0.004373	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	-2.63	-0.003749	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	-1.90	-0.002708	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-10	-3.62	-0.005160	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-4.61	-0.006572	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-3.78	-0.005388	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-2.49	-0.003550	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	30	-2.88	-0.004105	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	40	-1.65	-0.002352	±2.5	PASS
Band1	5MHz	16QAM	23035	25RB#0	NV	50	-3.23	-0.004604	±2.5	PASS

2										
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	-2.30	-0.003251	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	1.82	0.002572	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-10	0.79	0.001117	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-4.71	-0.006657	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-3.42	-0.004834	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	-2.99	-0.004226	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	30	-3.48	-0.004919	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	40	-4.13	-0.005837	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	50	-3.35	-0.004735	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	-3.19	-0.004471	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	-4.02	-0.005634	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-10	1.65	0.002313	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	-3.66	-0.005130	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-3.83	-0.005368	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-2.32	-0.003252	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	30	-2.93	-0.004107	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	40	-3.23	-0.004527	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	50	-3.75	-0.005256	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	-2.46	-0.003494	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-4.01	-0.005696	±2.5	PASS
Band1	10MHz	QPSK	23060	50RB#0	NV	-10	2.35	0.003338	±2.5	PASS

2										
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	1.46	0.002074	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-2.02	-0.002869	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-2.89	-0.004105	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	-2.98	-0.004233	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-2.22	-0.003153	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	-1.92	-0.002727	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	-2.55	-0.003604	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-3.66	-0.005173	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-10	-3.91	-0.005527	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-2.05	-0.002898	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	-3.22	-0.004551	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-2.76	-0.003901	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	-3.43	-0.004848	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	-2.29	-0.003237	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	-3.71	-0.005244	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-3.99	-0.005612	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-5.01	-0.007046	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-10	-3.88	-0.005457	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-2.27	-0.003193	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-4.12	-0.005795	±2.5	PASS
Band1	10MHz	QPSK	23130	50RB#0	NV	20	-2.30	-0.003235	±2.5	PASS

2										
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	-4.26	-0.005992	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-2.33	-0.003277	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	-3.79	-0.005331	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	1.66	0.002358	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	-3.40	-0.004830	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-10	-1.96	-0.002784	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	-3.38	-0.004801	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	-1.70	-0.002415	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	2.46	0.003494	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	30	-1.27	-0.001804	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	40	-1.40	-0.001989	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	50	2.73	0.003878	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	-1.70	-0.002403	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	-3.38	-0.004777	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-10	1.46	0.002064	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	-2.63	-0.003717	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	2.12	0.002996	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-3.45	-0.004876	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	30	-2.99	-0.004226	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	40	-2.47	-0.003491	±2.5	PASS
Band1	10MHz	16QAM	23095	50RB#0	NV	50	-2.22	-0.003138	±2.5	PASS

2										
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-3.82	-0.005373	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-3.00	-0.004219	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-10	-3.69	-0.005190	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-4.89	-0.006878	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	-3.33	-0.004684	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-3.56	-0.005007	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	30	-4.56	-0.006414	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	40	-4.03	-0.005668	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	50	-5.01	-0.007046	±2.5	PASS

-----END-------