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QPSK/16QAM Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.69	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.70	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.79	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.83	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.80	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.79	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.83	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.84	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.79	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.10	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.06	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.06	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.04	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.04	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.92	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.90	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.87	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.86	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.75	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.74	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.83	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.73	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.61	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.63	PASS

Band12	1.4MHz	16QAM	23095	3RB#3	21.66	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.17	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.94	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.93	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.92	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.05	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.83	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.86	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.78	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.87	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.84	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.79	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.90	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.83	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.81	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.90	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.89	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.90	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.89	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.96	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.95	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.02	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.04	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.05	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.14	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.07	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.08	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.02	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.03	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.99	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.91	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.95	PASS

Band12	3MHz	16QAM	23095	1RB#0	22.04	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.08	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.01	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.88	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.88	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.89	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.81	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.90	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.91	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.05	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.09	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.11	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.20	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.97	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.86	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.87	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.96	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.85	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.85	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.95	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.82	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.93	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.00	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.98	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.90	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.92	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.86	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.92	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.06	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.11	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.20	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.01	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.00	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.05	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.92	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.95	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.98	PASS

Band12	5MHz	16QAM	23035	1RB#24	22.04	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.95	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.86	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.95	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.85	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.16	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.20	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.22	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.02	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.03	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.97	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.84	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.05	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.16	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.23	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.04	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.08	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.06	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.07	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.89	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.93	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.81	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.94	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.94	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.93	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.97	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.90	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.01	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.89	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.93	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.89	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.01	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.93	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.12	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.97	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.09	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.93	PASS

Band12	10MHz	QPSK	23130	25RB#12	21.90	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.02	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.98	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.08	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.04	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.07	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.94	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.88	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.99	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.95	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.21	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.11	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.20	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.01	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.95	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.05	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.00	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.89	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.88	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.06	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.94	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.95	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.01	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.03	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	6RB#0	4.29	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.09	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.73	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.21	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.91	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.60	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.44	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.94	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.59	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.38	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.88	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.57	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.66	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.08	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.74	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.55	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.88	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.61	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.81	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.15	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.07	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.75	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.99	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.94	13	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

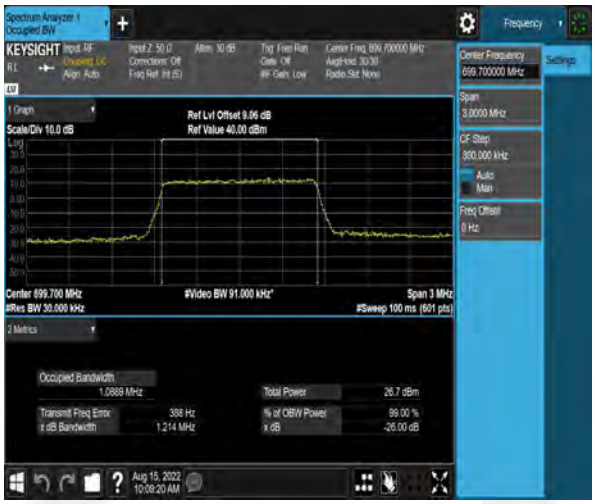
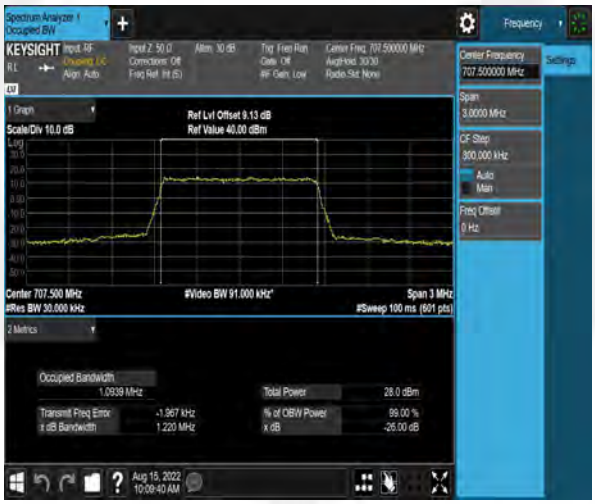
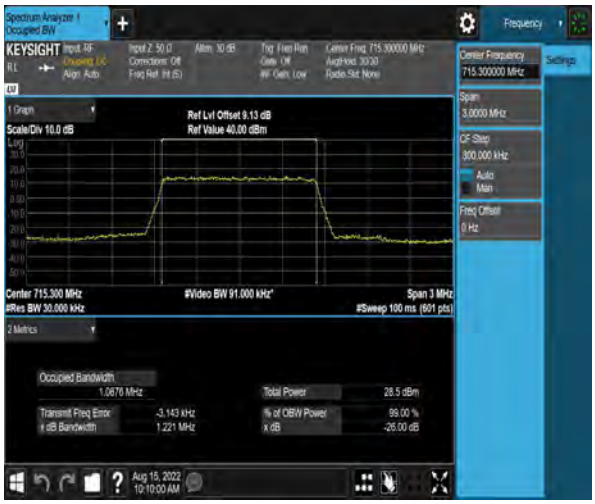
Band12-10MHz-16QAM-23130-50RB#0

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	1.0889	1.214	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0939	1.220	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0876	1.221	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0886	1.232	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0876	1.224	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0880	1.205	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6904	2.927	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6977	2.933	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6973	2.899	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6859	2.927	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6931	2.928	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6926	2.886	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4859	4.836	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5024	4.854	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4938	4.832	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4876	4.807	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5089	4.884	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4995	4.833	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9402	9.509	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0055	9.542	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9604	9.505	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9279	9.486	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0008	9.545	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9780	9.496	PASS

Test Graphs

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

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

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


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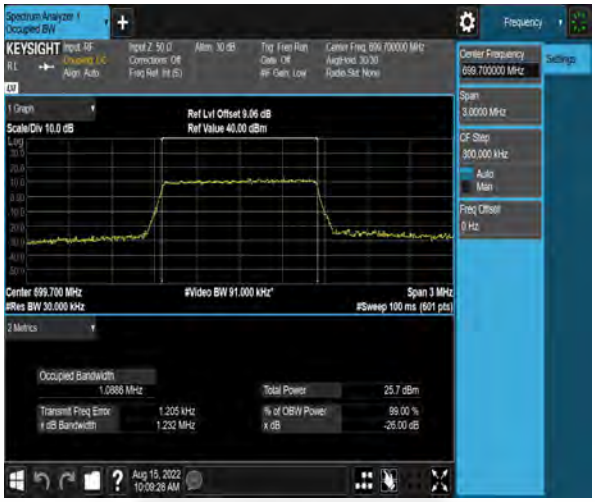
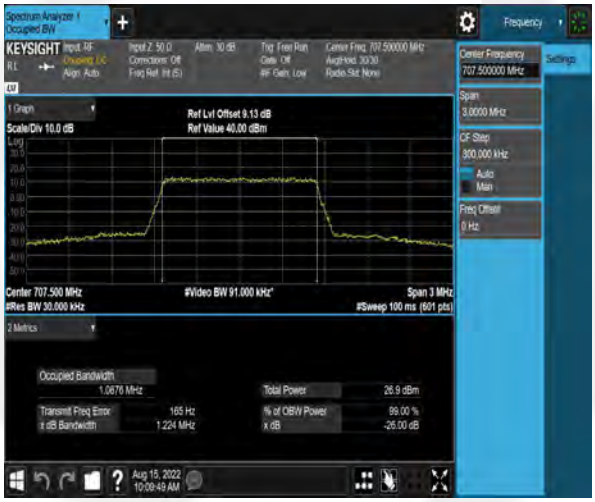
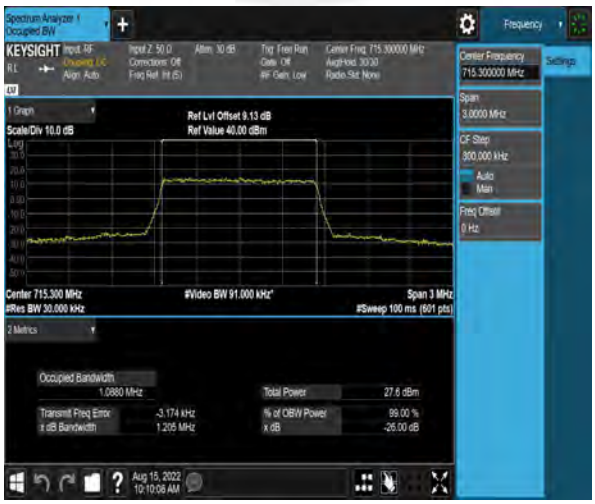


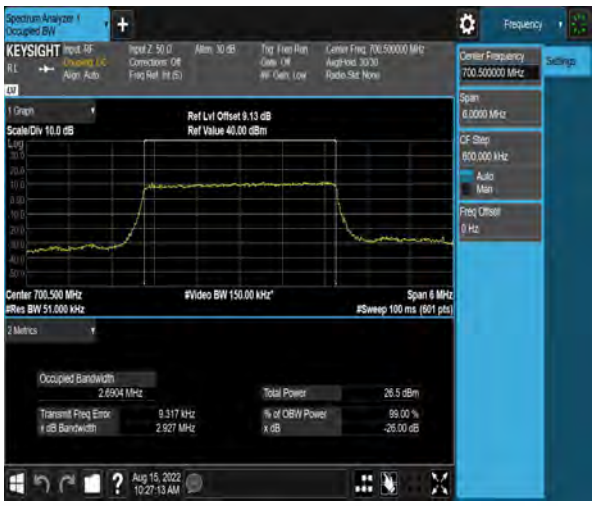
Band12-1.4MHz-16QAM-23095-6RB#0



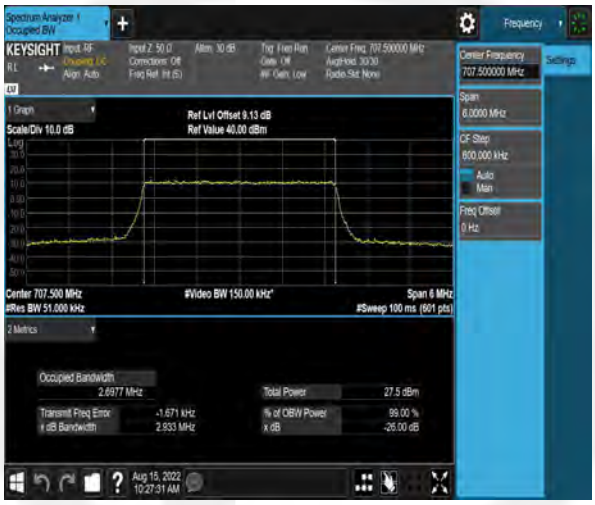
Band12-1.4MHz-16QAM-23173-6RB#0



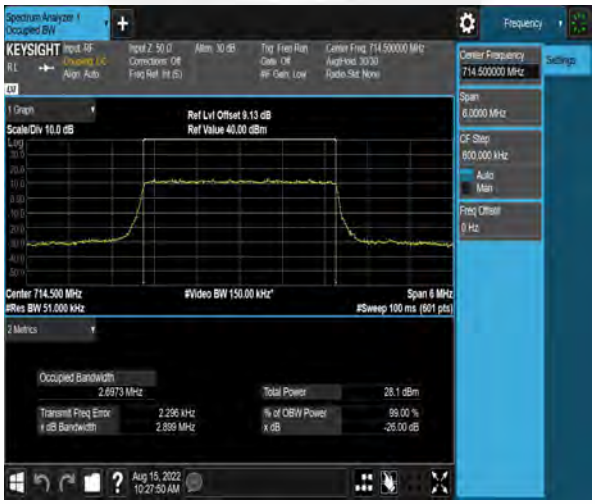
Band12-3MHz-QPSK-23025-15RB#0



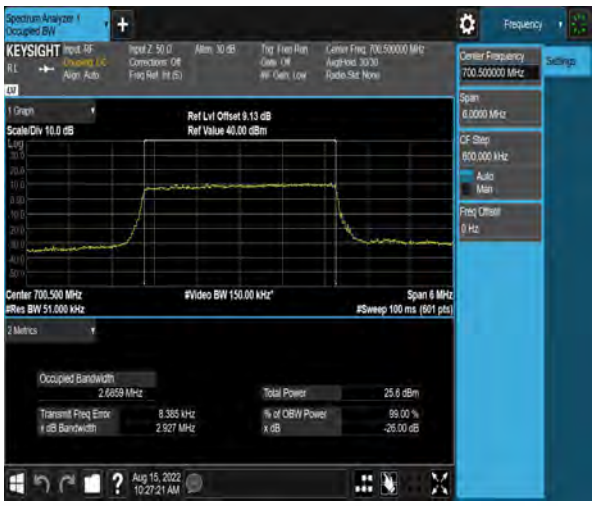
Band12-3MHz-QPSK-23095-15RB#0



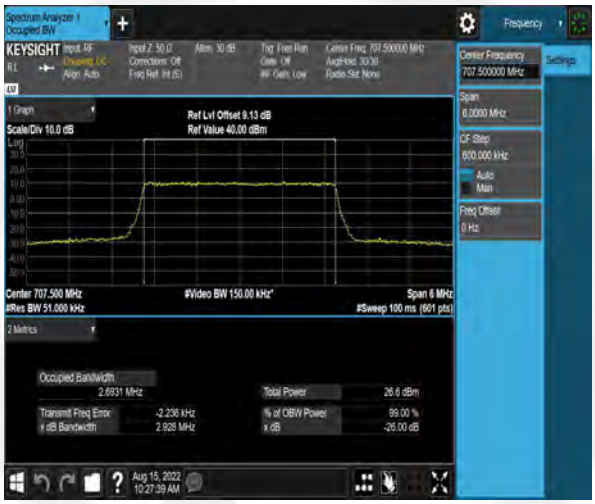
Band12-3MHz-QPSK-23165-15RB#0



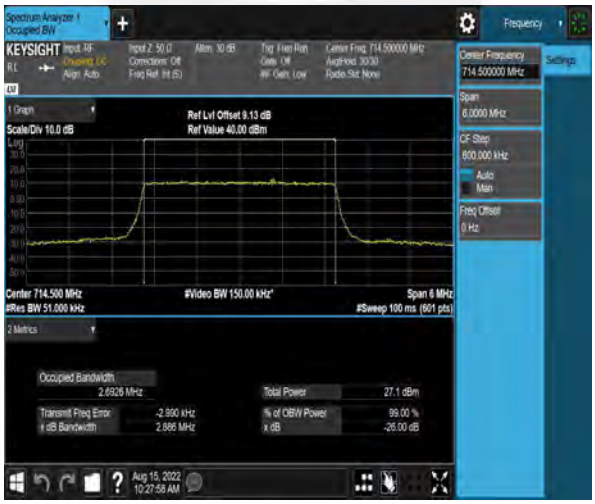
Band12-3MHz-16QAM-23025-15RB#0



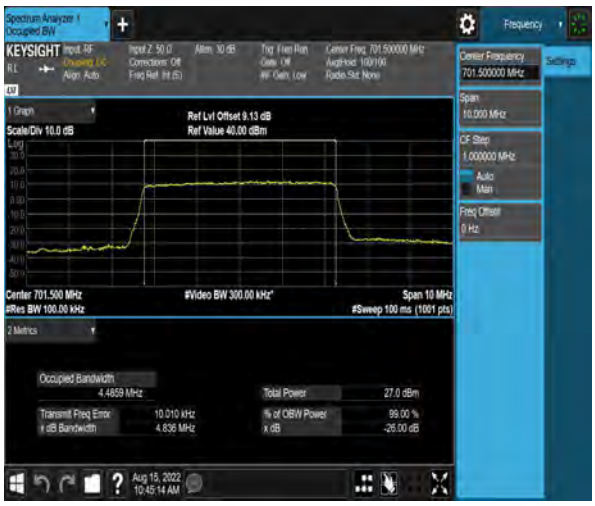
Band12-3MHz-16QAM-23095-15RB#0



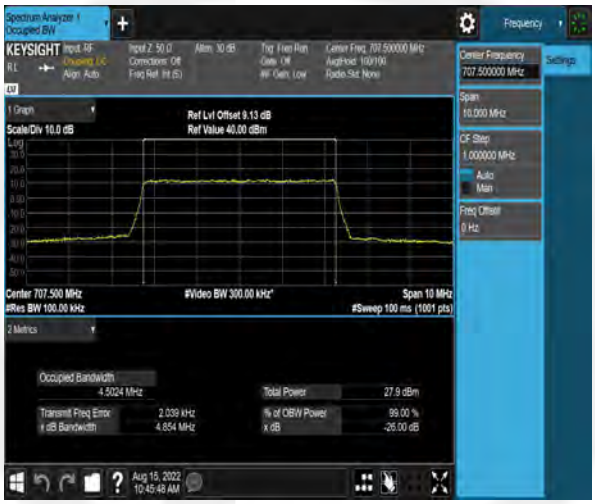
Band12-3MHz-16QAM-23165-15RB#0



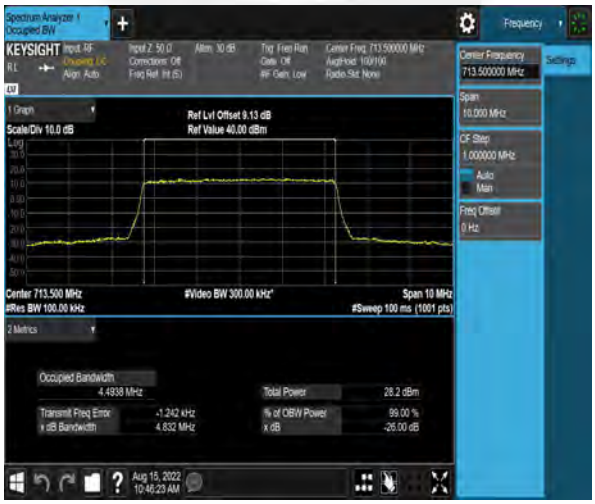
Band12-5MHz-QPSK-23035-25RB#0



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

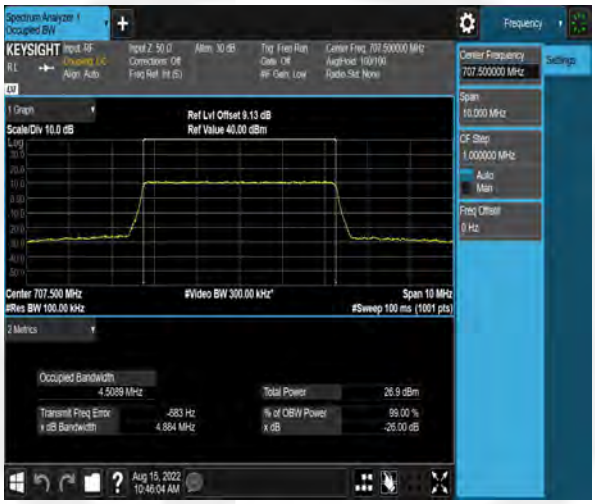


Band12-5MHz-QPSK-23155-25RB#0

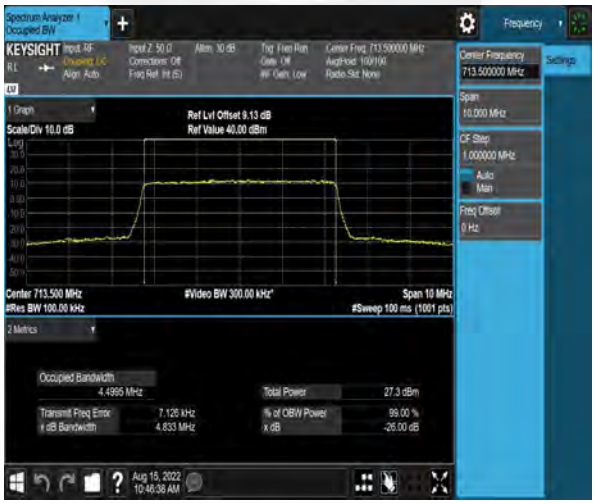


Band12-5MHz-16QAM-23035-25RB#0

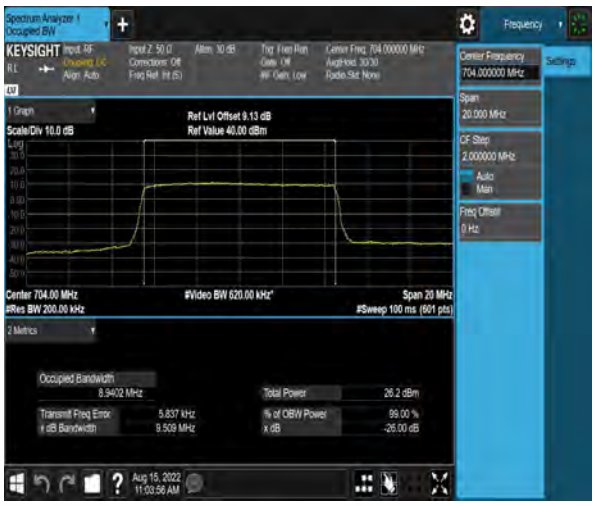
Band12-5MHz-16QAM-23095-25RB#0



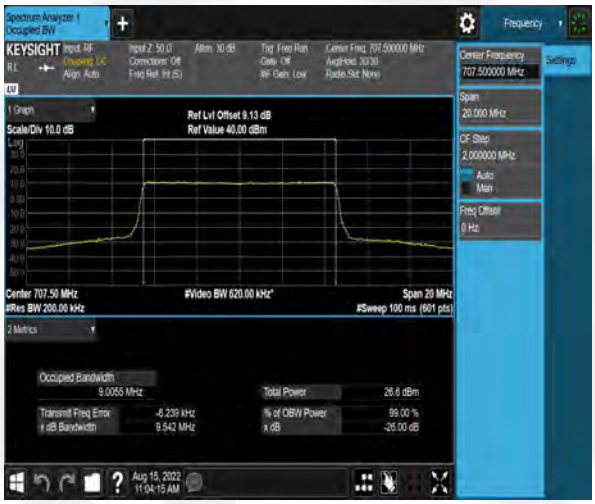
Band12-5MHz-16QAM-23155-25RB#0



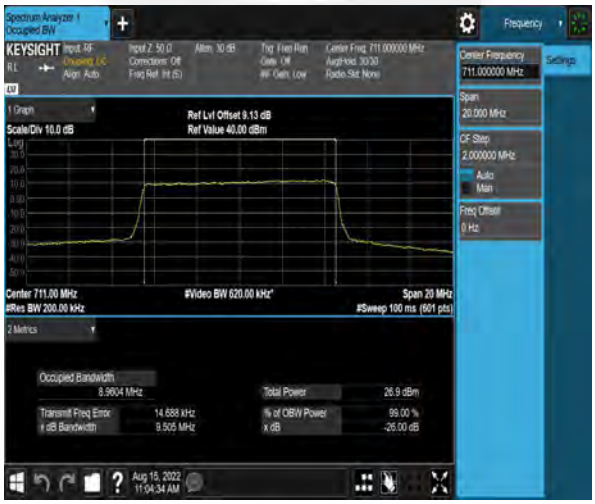
Band12-10MHz-QPSK-23060-50RB#0



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

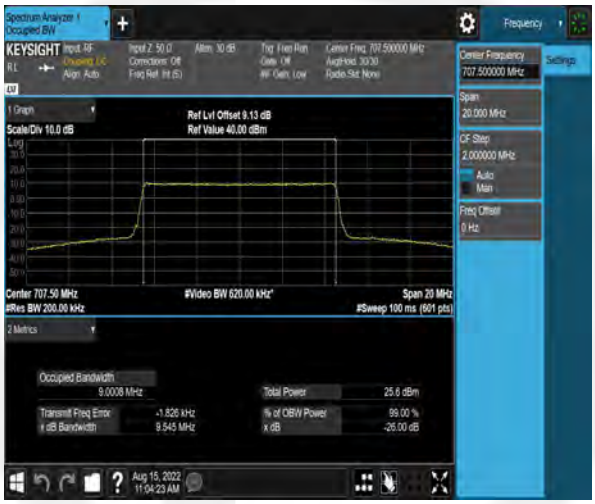


Band12-10MHz-QPSK-23130-50RB#0

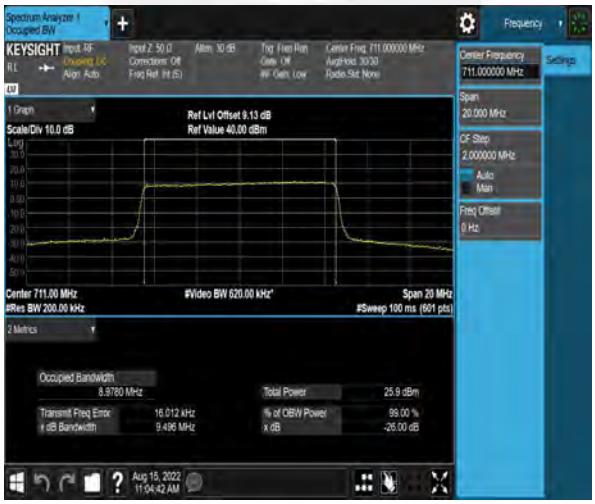


Band12-10MHz-16QAM-23060-50RB#0

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



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-29.79,-28.85	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-28.26,-29.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-31.03,-30.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.84,-28.55	PASS
Band12	3MHz	QPSK	23025	15RB#0	-31.06,-23.46	PASS
Band12	3MHz	QPSK	23165	15RB#0	-21.79,-28.58	PASS
Band12	3MHz	16QAM	23025	15RB#0	-32.17,-25.59	PASS
Band12	3MHz	16QAM	23165	15RB#0	-23.09,-29.08	PASS
Band12	5MHz	QPSK	23035	25RB#0	-27.46	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.20	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.43	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.89	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.17,-28.79	PASS
Band12	10MHz	QPSK	23130	50RB#0	-25.90,-28.25	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.42,-29.72	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.41,-27.80	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-23025-15RB#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

Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Frequency
Ref Lvl Offset 9.13 dB
Ref Level 29.13 dBm
Mkr2 716.103 MHz
-27.800 dBm
Scale/Div 10 dB
Trace 1 Pass
Center Frequency
716.000000 MHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
715.000000 MHz
Stop Freq
717.000000 MHz
AUTO TUNE
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Center 716.000 MHz
#Res BW 200 kHz
#Video BW 620 kHz*
Span 2.000 MHz
#Sweep 100 ms (601 pts)
Aug 15, 2022
11:07:10 AM

Appendix E: Conducted Spurious Emission

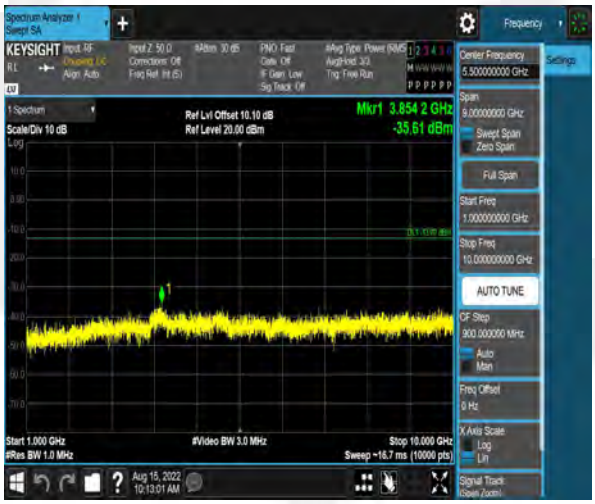
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-45.55	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-35.61	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.59	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-44.95	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-34.97	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-44.12	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-35.48	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.57	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-36.44	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-35.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-44.59	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-36.73	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.64	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.92	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~10	-45.9	PASS

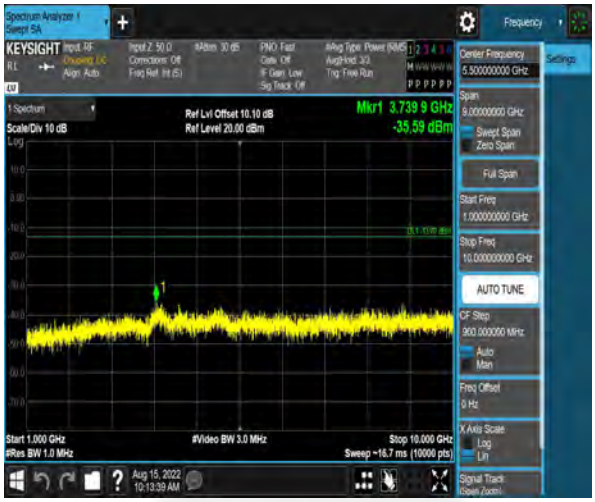
					00MHz		
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-36.03	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-45.93	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-35.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.66	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-35.44	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-45.44	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-35.23	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.17	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.41	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-45.29	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-36.17	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-45.56	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-35.3	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-45.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.67	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-45.65	PASS

Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-36.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-44.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-36.56	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.63	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.98	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-44.72	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-36.59	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-45.55	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-36.41	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.54	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.99	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-44.53	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-33.76	PASS

Test Graphs

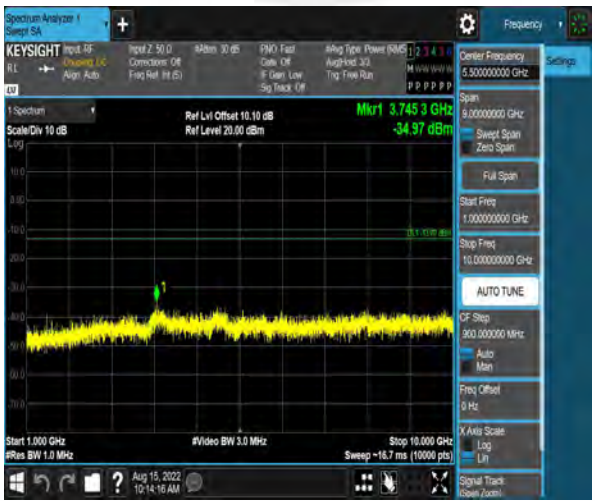
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz

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

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



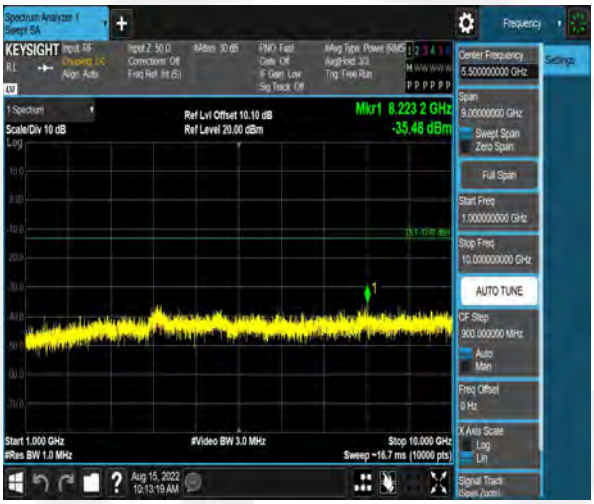
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz

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

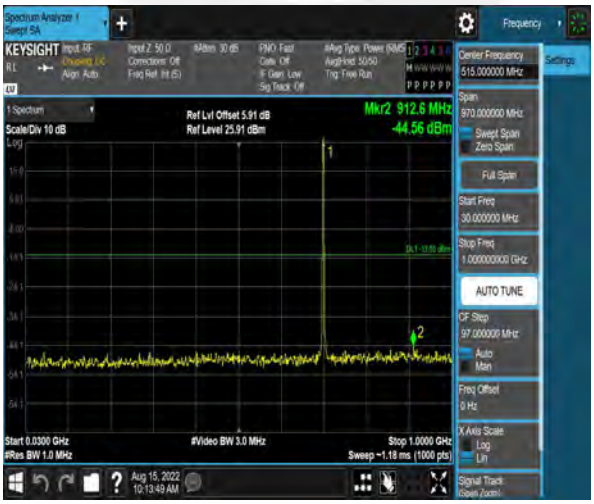


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz

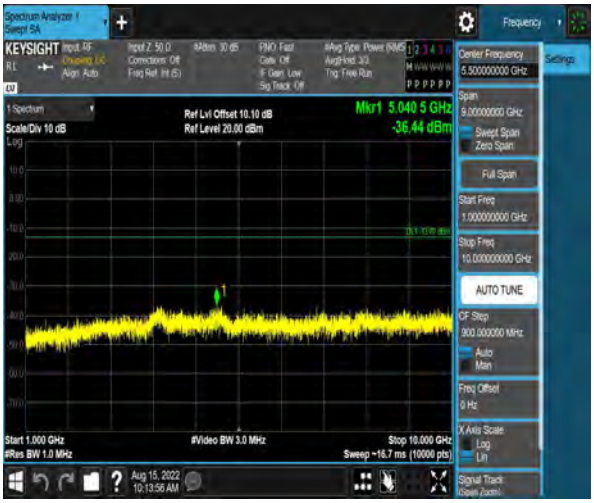
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



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

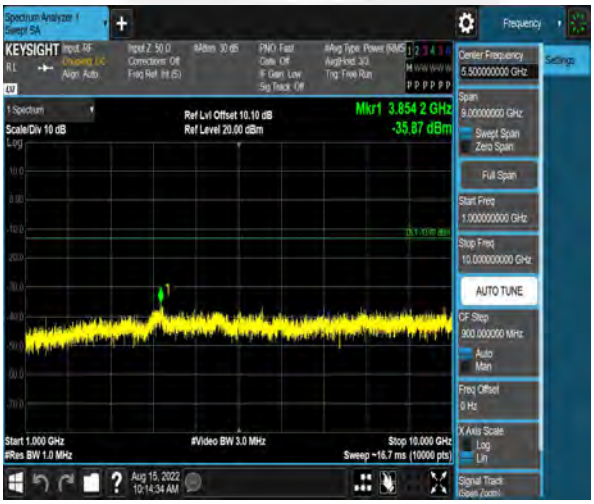


Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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

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



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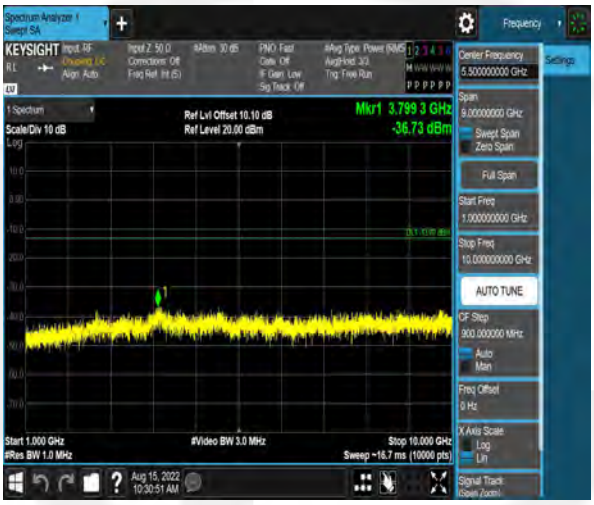
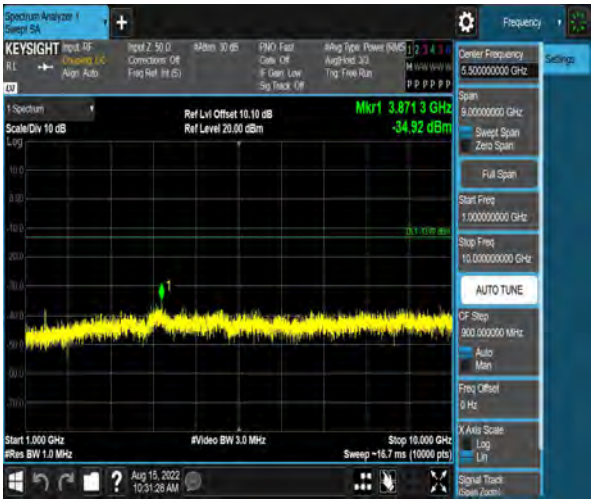
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz

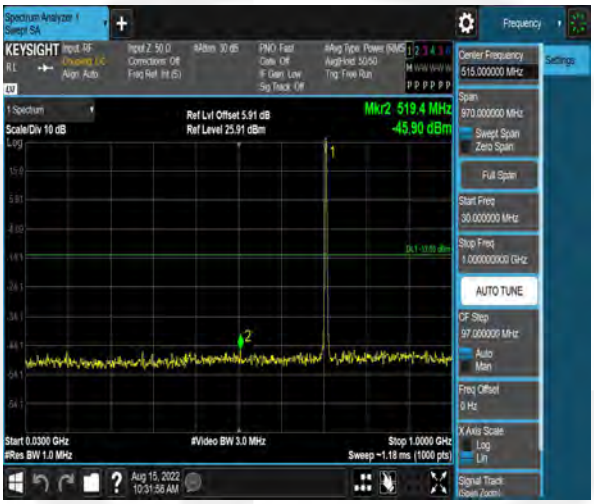


Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

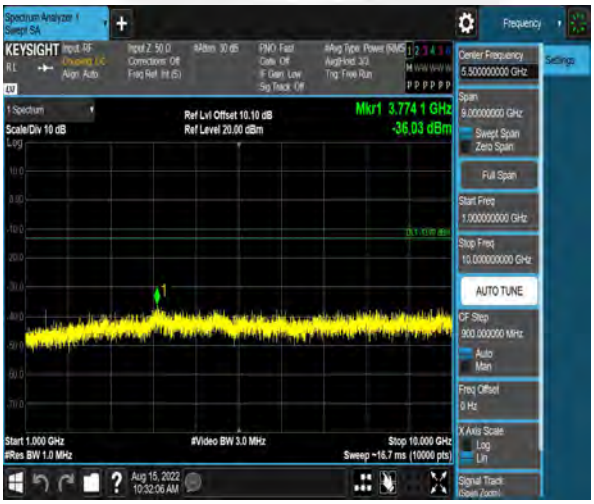
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



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

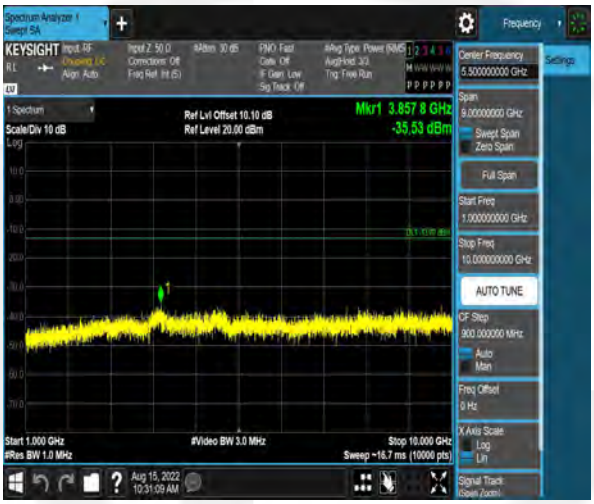


Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



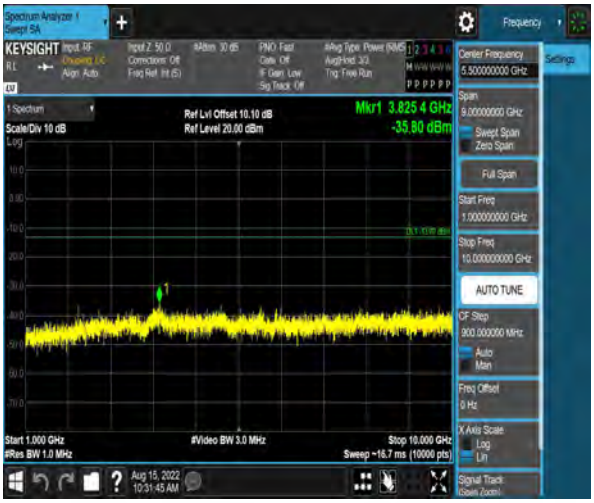
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz

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



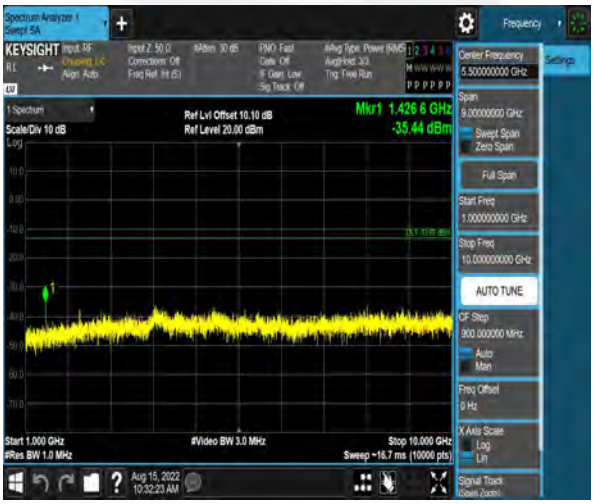
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

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



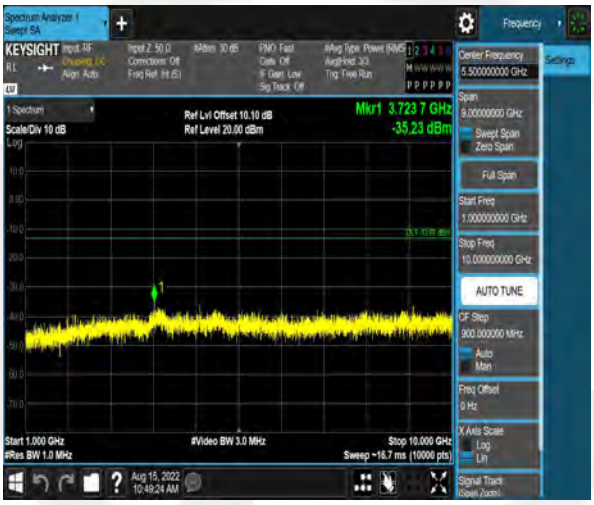
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz

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



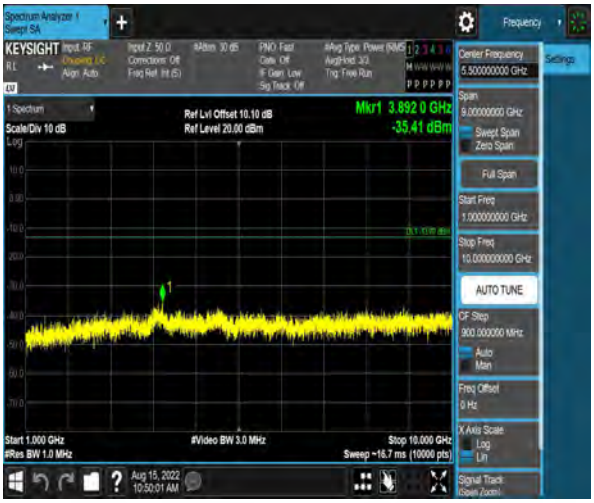
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz

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



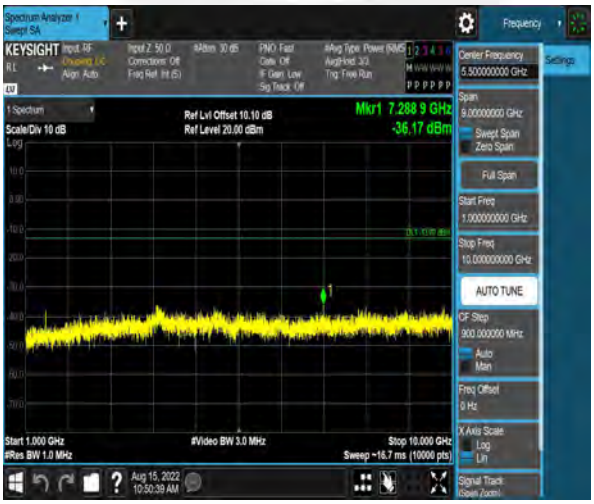
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

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



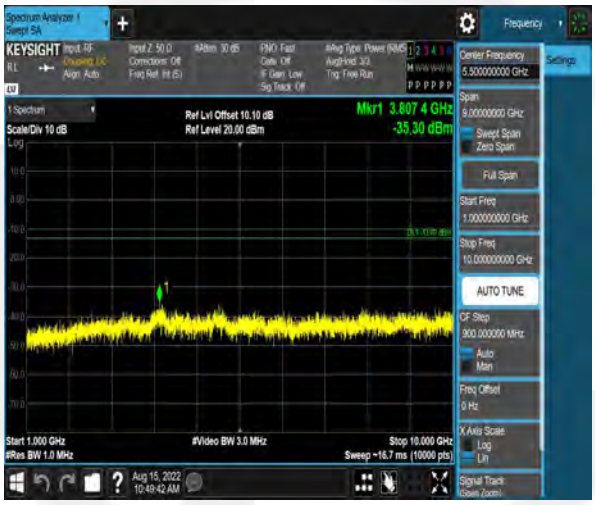
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz

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



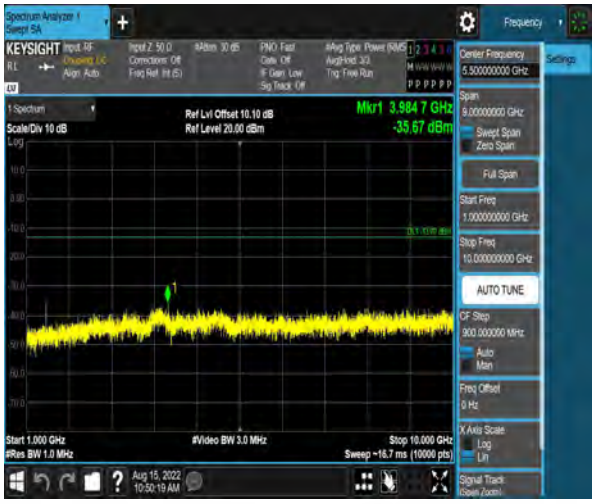
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz

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



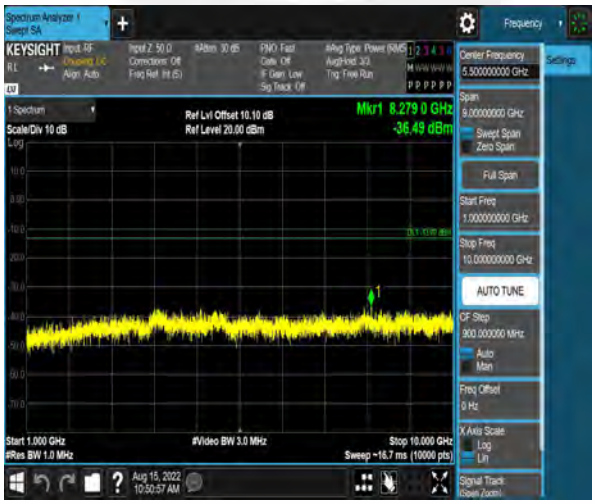
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

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



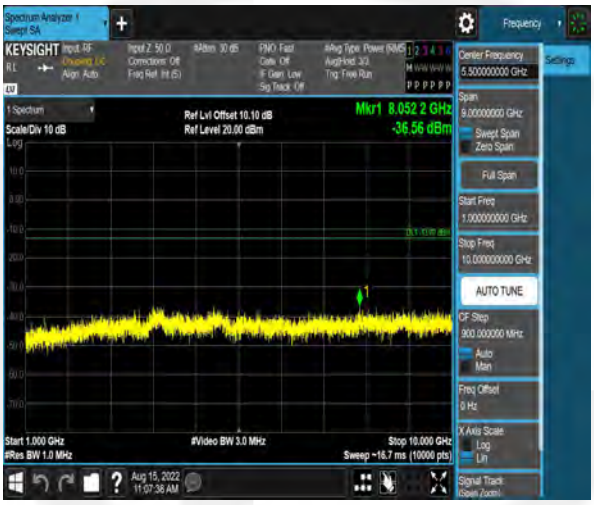
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz

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



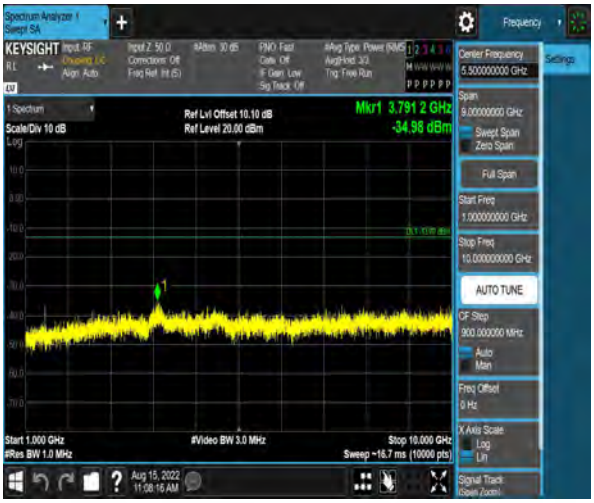
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz

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



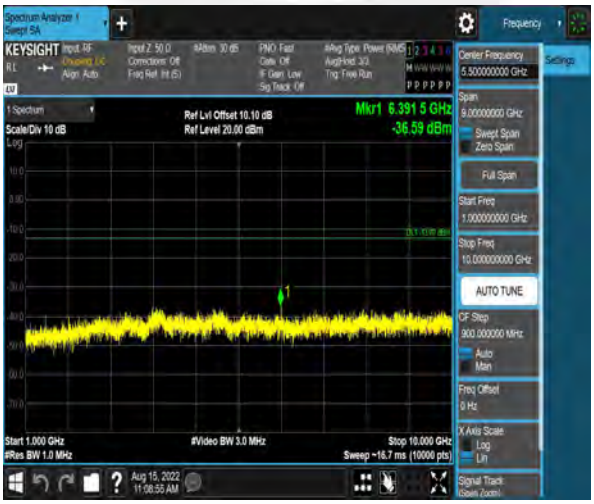
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

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



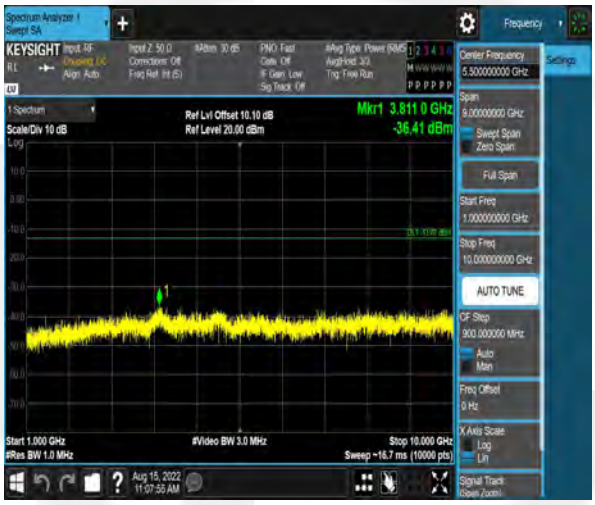
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz

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



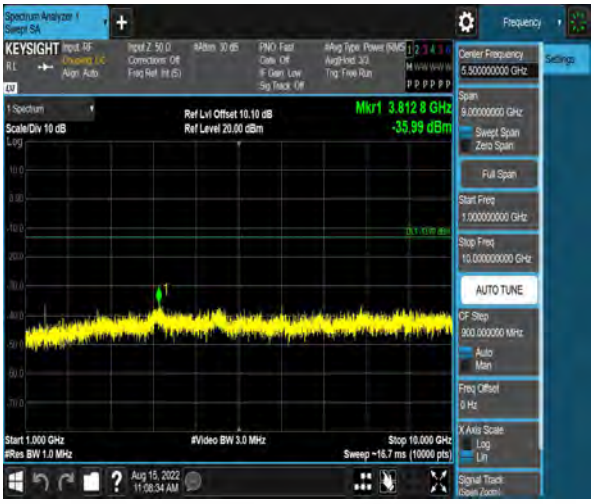
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz

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



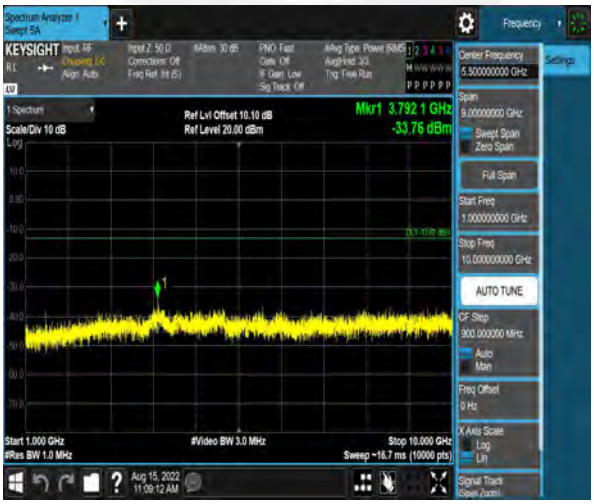
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

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

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	9.84	0.014063	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	16.82	0.024039	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-3.32	-0.004745	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	16.35	0.023110	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	16.48	0.023293	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	2.65	0.003746	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	11.69	0.016343	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	11.92	0.016664	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	6.51	0.009101	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-9.60	-0.013720	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-4.49	-0.006417	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	1.87	0.002673	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-4.99	-0.007053	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-7.81	-0.011039	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-5.02	-0.007095	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-1.83	-0.002558	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-5.44	-0.007605	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-6.52	-0.009115	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	2.88	0.004111	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-1.36	-0.001941	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	7.61	0.010864	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-1.40	-0.001979	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-4.43	-0.006261	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-6.79	-0.009597	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	4.89	0.006844	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	3.98	0.005570	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	3.63	0.005080	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-2.49	-0.003555	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	6.21	0.008865	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	1.22	0.001742	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-6.65	-0.009399	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	3.18	0.004495	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-6.11	-0.008636	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	2.76	0.003863	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	8.17	0.01143	±2.5	PASS

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Band12	3MHz	16QAM	23165	15RB#0	VH	NT	6.75	0.009447	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-2.63	-0.003749	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	2.03	0.002894	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-5.24	-0.007470	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-8.47	-0.011972	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	2.17	0.003067	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-8.97	-0.012678	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-6.52	-0.009138	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-7.28	-0.010203	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	4.55	0.006377	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-3.08	-0.004391	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-6.11	-0.008710	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-8.54	-0.012174	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-7.15	-0.010106	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	2.19	0.003095	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-6.55	-0.009258	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-5.26	-0.007372	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	3.85	0.005396	±2.5	PASS

Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-2.40	-0.003364	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	4.65	0.006605	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	7.94	0.011278	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	4.99	0.007088	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-8.38	-0.011845	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-8.63	-0.012198	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-5.32	-0.007519	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-4.73	-0.006653	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	5.05	0.007103	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-2.80	-0.003938	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	3.13	0.004446	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	1.76	0.002500	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	4.72	0.006705	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	1.67	0.002360	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-4.59	-0.006488	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-7.50	-0.010601	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-2.93	-0.004121	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-5.25	-0.007384	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	3.35	0.00471	±2.5	PASS

								2		

Voltage										
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	-9.46	-0.013520	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-4.94	-0.007060	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-8.78	-0.012548	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-9.70	-0.013863	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-6.12	-0.008747	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-7.21	-0.010304	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-10.04	-0.014349	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	1.89	0.002701	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-2.65	-0.003787	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-2.40	-0.003392	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-3.43	-0.004848	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-3.82	-0.005399	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-4.38	-0.006191	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-5.45	-0.007703	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-6.39	-0.009032	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-6.08	-0.008594	±2.5	PASS

Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-6.77	-0.009569	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-8.01	-0.011322	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-1.85	-0.002586	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1.96	-0.002740	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-11.26	-0.015742	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	2.37	0.003313	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-7.72	-0.010793	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-6.71	-0.009381	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-8.03	-0.011226	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-8.65	-0.012093	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-7.25	-0.010136	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-8.75	-0.012505	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-9.26	-0.013234	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	-7.30	-0.010433	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-7.60	-0.010862	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-6.22	-0.008890	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-7.07	-0.010104	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-7.31	-0.010447	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-6.64	-0.0094	±2.5	PASS

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Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	-7.90	-0.011291	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-2.78	-0.003929	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-10.19	-0.014403	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	-8.68	-0.012269	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-9.13	-0.012905	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-9.66	-0.013654	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-6.94	-0.009809	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-8.31	-0.011746	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-7.42	-0.010488	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-6.25	-0.008834	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-5.44	-0.007605	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-1.97	-0.002754	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	3.91	0.005466	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-6.34	-0.008863	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-3.78	-0.005284	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-2.89	-0.004040	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	3.96	0.005536	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-7.94	-0.011100	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	-3.83	-0.005354	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	2.46	0.003512	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	8.50	0.012134	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	6.32	0.009022	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	5.35	0.007637	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	4.22	0.006024	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	2.76	0.003940	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-3.83	-0.005468	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-5.34	-0.007623	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	-5.82	-0.008308	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-3.55	-0.005018	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-5.78	-0.008170	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	-8.96	-0.012664	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-1.60	-0.002261	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-2.20	-0.003110	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-5.98	-0.008452	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-5.58	-0.007887	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-8.41	-0.011887	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-7.25	-0.0102	±2.5	PASS

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Band12	3MHz	QPSK	23165	15RB#0	NV	-30	3.66	0.005122	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	3.42	0.004787	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	5.87	0.008216	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	5.55	0.007768	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	6.02	0.008425	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	7.25	0.010147	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	6.45	0.009027	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	7.93	0.011099	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	7.93	0.011099	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	4.72	0.006738	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	2.69	0.003840	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-10	4.19	0.005981	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	3.88	0.005539	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-6.08	-0.008680	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	4.32	0.006167	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	6.74	0.009622	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	6.09	0.008694	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	6.44	0.009193	±2.5	PASS

Band12	3MHz	16QAM	23095	15RB#0	NV	-30	-4.38	-0.006191	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-2.57	-0.003633	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-10	-2.78	-0.003929	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-3.60	-0.005088	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-2.49	-0.003519	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-1.66	-0.002346	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	2.12	0.002996	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-1.87	-0.002643	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	50	-2.19	-0.003095	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	9.31	0.013030	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	1.66	0.002323	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-10	6.22	0.008705	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	8.28	0.011589	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	10.26	0.014360	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	-1.77	-0.002477	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	11.54	0.016151	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	4.66	0.006522	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	50	5.48	0.007670	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	-5.48	-0.0078	±2.5	PASS

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Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-5.25	-0.007484	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	-6.75	-0.009622	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-6.85	-0.009765	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-6.75	-0.009622	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-5.91	-0.008425	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	-7.35	-0.010478	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	-5.74	-0.008182	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	-6.58	-0.009380	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-5.31	-0.007505	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	1.54	0.002177	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-3.68	-0.005201	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-7.20	-0.010177	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-2.16	-0.003053	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-3.10	-0.004382	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-5.95	-0.008410	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-8.51	-0.012028	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-7.72	-0.010912	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	4.02	0.005634	±2.5	PASS

Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-6.88	-0.009643	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	-6.72	-0.009418	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-7.72	-0.010820	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-5.76	-0.008073	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	3.99	0.005592	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	3.66	0.005130	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	3.15	0.004415	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	4.63	0.006489	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	-8.61	-0.012274	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-6.17	-0.008795	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-10	-5.02	-0.007156	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-4.29	-0.006115	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-3.53	-0.005032	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-2.55	-0.003635	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	2.69	0.003835	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	3.43	0.004890	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-7.12	-0.010150	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-6.65	-0.009399	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-5.65	-0.0079	±2.5	PASS

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Band12	5MHz	16QAM	23095	25RB#0	NV	-10	-5.68	-0.008028	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-5.39	-0.007618	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-3.83	-0.005413	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-4.15	-0.005866	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-3.39	-0.004792	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-2.90	-0.004099	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	50	-4.08	-0.005767	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-8.90	-0.012474	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-7.32	-0.010259	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-10	-4.51	-0.006321	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-3.92	-0.005494	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-3.45	-0.004835	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-2.62	-0.003672	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-1.32	-0.001850	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-9.24	-0.012950	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	50	-7.82	-0.010960	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	1.93	0.002741	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	2.07	0.002940	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	NV	-10	2.60	0.003693	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-1.69	-0.002401	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	9.06	0.012869	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	9.13	0.012969	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	1.56	0.002216	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	8.93	0.012685	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	10.41	0.014787	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	3.13	0.004424	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-4.21	-0.005951	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-5.71	-0.008071	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-6.37	-0.009004	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	4.06	0.005739	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	1.52	0.002148	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-2.86	-0.004042	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-2.65	-0.003746	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-5.52	-0.007802	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.85	-0.004008	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-5.92	-0.008326	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	6.17	0.00867	±2.5	PASS

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Band12	10MHz	QPSK	23130	50RB#0	NV	0	3.68	0.005176	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	2.59	0.003643	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-2.43	-0.003418	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	2.02	0.002841	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	1.19	0.001674	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-3.82	-0.005373	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	4.84	0.006875	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	5.85	0.008310	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	-3.72	-0.005284	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-2.45	-0.003480	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	2.75	0.003906	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	4.05	0.005753	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	6.15	0.008736	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	7.05	0.010014	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	7.34	0.010426	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-9.16	-0.012947	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-8.11	-0.011463	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	-7.40	-0.010459	±2.5	PASS

Band12	10MHz	16QAM	23095	50RB#0	NV	0	-6.49	-0.009173	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-5.78	-0.008170	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-6.24	-0.008820	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-6.32	-0.008933	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-5.75	-0.008127	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-5.02	-0.007095	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	2.25	0.003165	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	3.62	0.005091	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	3.81	0.005359	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	3.75	0.005274	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	4.69	0.006596	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	5.56	0.007820	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	6.51	0.009156	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	6.11	0.008594	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-5.16	-0.007257	±2.5	PASS

LTE Band12
64QAM Test Data

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	64QAM	23017	1RB#0	22.99	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.89	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.91	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	23.00	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	23.03	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	22.86	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.73	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.88	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.89	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.87	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	22.56	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	22.60	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	22.56	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.47	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.72	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.82	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.73	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	22.62	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	22.59	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	22.62	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.71	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.95	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.90	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.89	PASS
Band12	3MHz	64QAM	23025	8RB#0	21.83	PASS
Band12	3MHz	64QAM	23025	8RB#4	21.85	PASS
Band12	3MHz	64QAM	23025	8RB#7	21.81	PASS

Band12	3MHz	64QAM	23025	15RB#0	21.81	PASS
Band12	3MHz	64QAM	23095	1RB#0	23.00	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.93	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.86	PASS
Band12	3MHz	64QAM	23095	8RB#0	21.66	PASS
Band12	3MHz	64QAM	23095	8RB#4	21.63	PASS
Band12	3MHz	64QAM	23095	8RB#7	21.63	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.66	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.96	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.90	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.89	PASS
Band12	3MHz	64QAM	23165	8RB#0	21.68	PASS
Band12	3MHz	64QAM	23165	8RB#4	21.69	PASS
Band12	3MHz	64QAM	23165	8RB#7	21.63	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.69	PASS
Band12	5MHz	64QAM	23035	1RB#0	23.03	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.88	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.81	PASS
Band12	5MHz	64QAM	23035	12RB#0	21.74	PASS
Band12	5MHz	64QAM	23035	12RB#6	21.76	PASS
Band12	5MHz	64QAM	23035	12RB#13	21.55	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.70	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.88	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.86	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.85	PASS
Band12	5MHz	64QAM	23095	12RB#0	21.78	PASS
Band12	5MHz	64QAM	23095	12RB#6	21.79	PASS
Band12	5MHz	64QAM	23095	12RB#13	21.75	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.69	PASS
Band12	5MHz	64QAM	23155	1RB#0	23.01	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.86	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.94	PASS
Band12	5MHz	64QAM	23155	12RB#0	21.84	PASS
Band12	5MHz	64QAM	23155	12RB#6	21.79	PASS
Band12	5MHz	64QAM	23155	12RB#13	21.76	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.79	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.88	PASS

Band12	10MHz	64QAM	23060	1RB#24	22.88	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.88	PASS
Band12	10MHz	64QAM	23060	25RB#0	21.82	PASS
Band12	10MHz	64QAM	23060	25RB#12	21.66	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.61	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.67	PASS
Band12	10MHz	64QAM	23095	1RB#0	23.03	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.97	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.97	PASS
Band12	10MHz	64QAM	23095	25RB#0	21.73	PASS
Band12	10MHz	64QAM	23095	25RB#12	21.69	PASS
Band12	10MHz	64QAM	23095	25RB#25	21.75	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.71	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.78	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.72	PASS
Band12	10MHz	64QAM	23130	25RB#0	21.52	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.58	PASS
Band12	10MHz	64QAM	23130	25RB#25	21.59	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.66	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	5.45	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.79	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	5.67	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	5.41	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	5.72	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	5.40	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	5.52	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	5.68	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	5.39	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	5.59	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.77	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	5.82	13	PASS

Test Graphs

Band12-1.4MHz-64QAM-23017-6RB#0
Band12-1.4MHz-64QAM-23095-6RB#0
Band12-1.4MHz-64QAM-23173-6RB#0

Band12-3MHz-64QAM-23025-15RB#0

Band12-3MHz-64QAM-23095-15RB#0

Band12-3MHz-64QAM-23165-15RB#0

Band12-5MHz-64QAM-23035-25RB#0

Band12-5MHz-64QAM-23095-25RB#0

Band12-5MHz-64QAM-23155-25RB#0

Band12-10MHz-64QAM-23060-50RB#0

Band12-10MHz-64QAM-23095-50RB#0

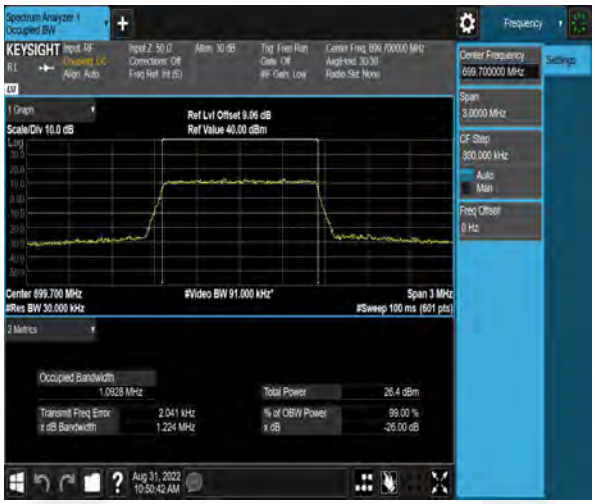
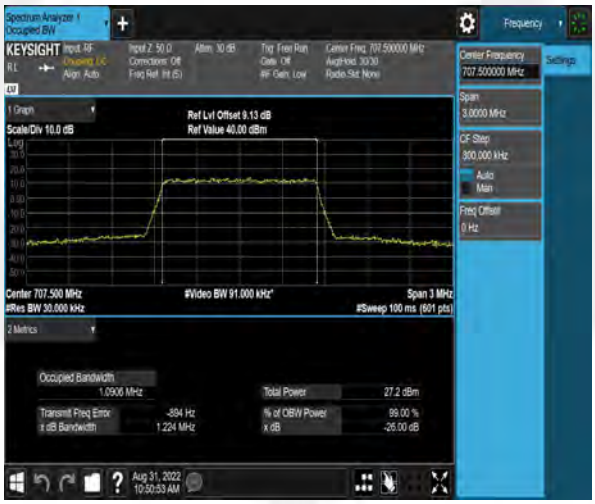
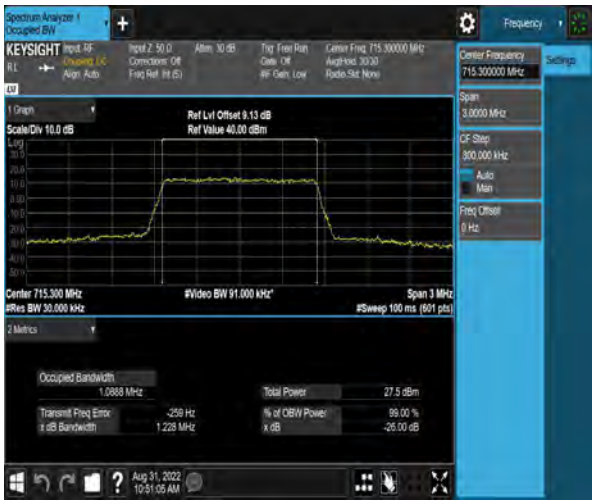
Band12-10MHz-64QAM-23130-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

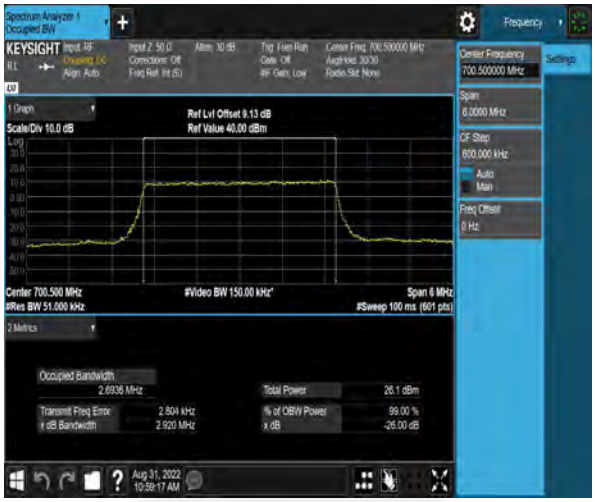
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	1.0928	1.224	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0906	1.224	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0888	1.228	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6936	2.920	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6996	2.928	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6859	2.916	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4987	4.831	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5050	4.820	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.4782	4.821	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9490	9.487	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9971	9.559	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9502	9.510	PASS

Test Graphs

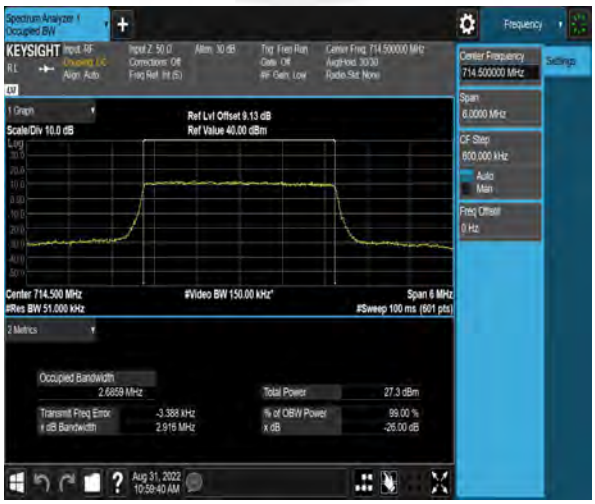
Band12-1.4MHz-64QAM-23017-6RB#0

Band12-1.4MHz-64QAM-23095-6RB#0

Band12-1.4MHz-64QAM-23173-6RB#0


Band12-3MHz-64QAM-23025-15RB#0



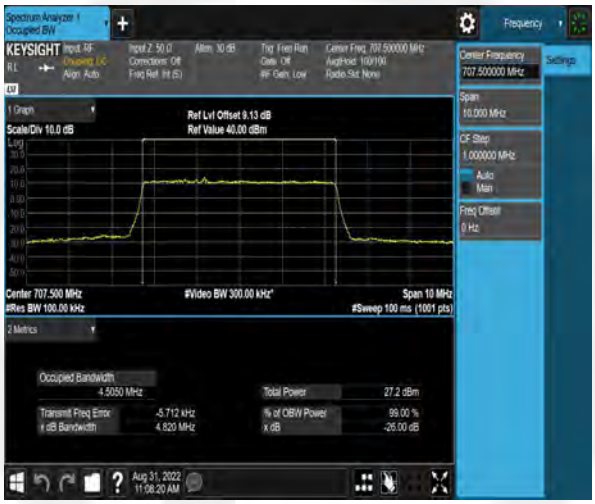
Band12-3MHz-64QAM-23095-15RB#0

Band12-3MHz-64QAM-23165-15RB#0

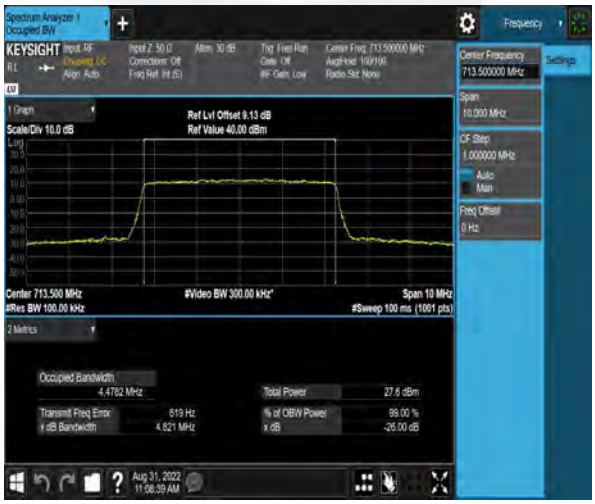


Band12-5MHz-64QAM-23035-25RB#0

Band12-5MHz-64QAM-23095-25RB#0

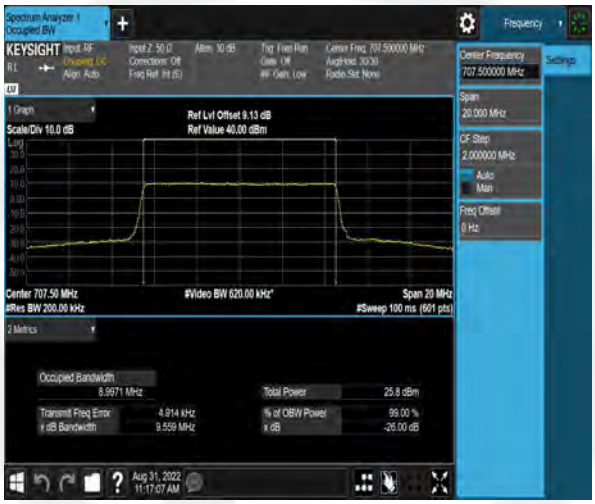


Band12-5MHz-64QAM-23155-25RB#0

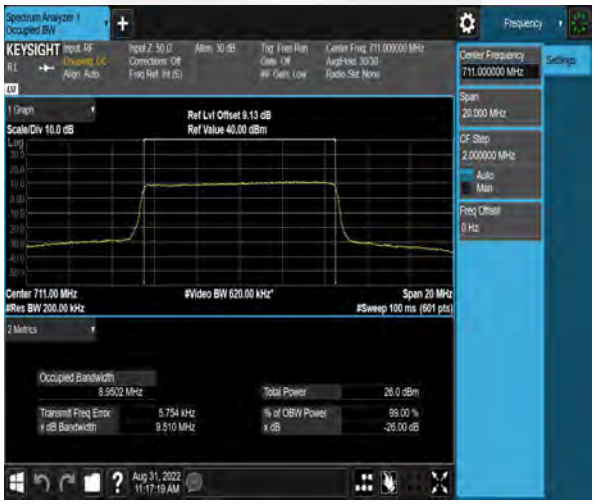


Band12-10MHz-64QAM-23060-50RB#0

Band12-10MHz-64QAM-23095-50RB#0



Band12-10MHz-64QAM-23130-50RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	-30.01,-29.66	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-29.72,-29.82	PASS
Band12	3MHz	64QAM	23025	15RB#0	-30.49,-22.74	PASS
Band12	3MHz	64QAM	23165	15RB#0	-22.86,-29.52	PASS
Band12	5MHz	64QAM	23035	25RB#0	-26.96	PASS
Band12	5MHz	64QAM	23155	25RB#0	-24.72	PASS
Band12	10MHz	64QAM	23060	50RB#0	-31.32,-28.80	PASS
Band12	10MHz	64QAM	23130	50RB#0	-27.55,-29.20	PASS

Test Graphs

Band12-1.4MHz-64QAM-23017-6RB#0

Band12-1.4MHz-64QAM-23173-6RB#0

Band12-3MHz-64QAM-23025-15RB#0

Band12-3MHz-64QAM-23165-15RB#0

Band12-5MHz-64QAM-23035-25RB#0

Band12-5MHz-64QAM-23155-25RB#0

Band12-10MHz-64QAM-23060-50RB#0

Band12-10MHz-64QAM-23130-50RB#0

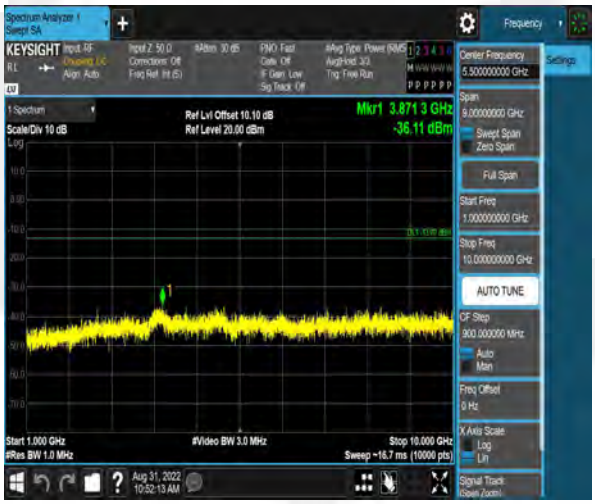
Appendix E: Conducted Spurious Emission

Test Result

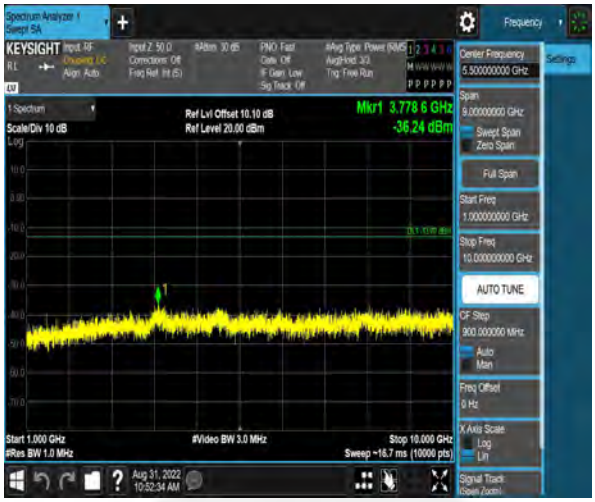
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	64QAM	23017	1RB#0	Range1:30~1000MHz	-45.67	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range2:1000~10000MHz	-36.11	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-44.94	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-36.24	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range1:30~1000MHz	-45.22	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range2:1000~10000MHz	-35.34	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range1:30~1000MHz	-45.14	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range2:1000~10000MHz	-36.06	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-44.43	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-36.89	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range1:30~1000MHz	-44.65	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range2:1000~10000MHz	-34.98	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range1:30~1000MHz	-45.08	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range2:1000~10000MHz	-35.23	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-45.65	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-35.41	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range1:30~10	-44.81	PASS

					00MHz		
Band12	5MHz	64QAM	23155	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range1:30~1000MHz	-45.49	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range2:1000~10000MHz	-35.74	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-45.25	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-35.95	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range1:30~1000MHz	-45.7	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range2:1000~10000MHz	-35.12	PASS

Test Graphs

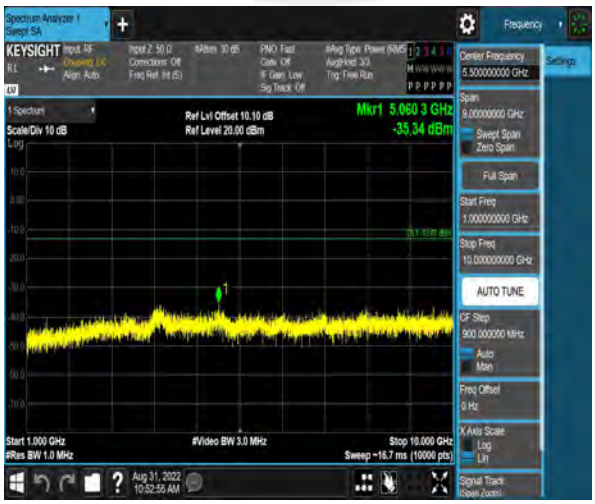
Band12-1.4MHz-64QAM-23017-1RB#0-Range1:30~1000MHz
Band12-1.4MHz-64QAM-23017-1RB#0-Range2:1000~10000MHz

Band12-1.4MHz-64QAM-23095-1RB#0-Range1:30~1000MHz

Band12-1.4MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



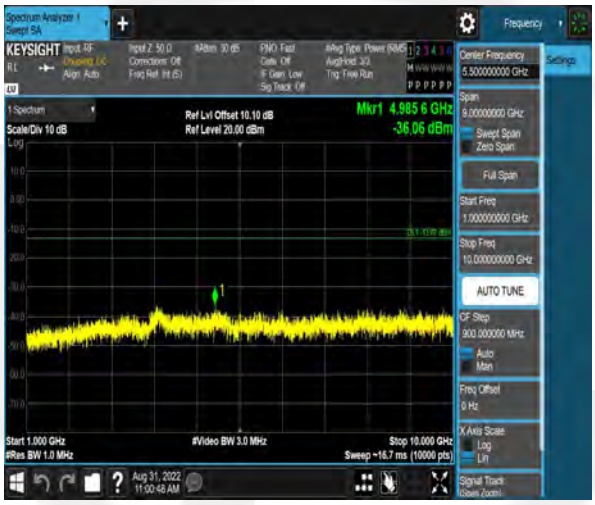
Band12-1.4MHz-64QAM-23173-1RB#0-Range1:30~1000MHz

Band12-1.4MHz-64QAM-23173-1RB#0-Range2:1000~10000MHz



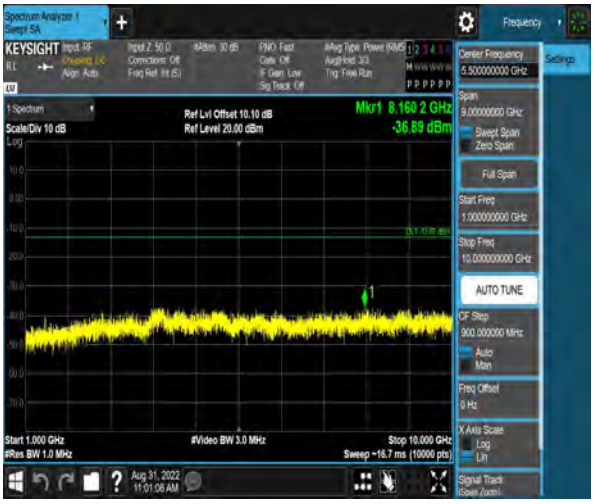
Band12-3MHz-64QAM-23025-1RB#0-Range1:30~1000MHz

Band12-3MHz-64QAM-23025-1RB#0-Range2:1000~10000MHz



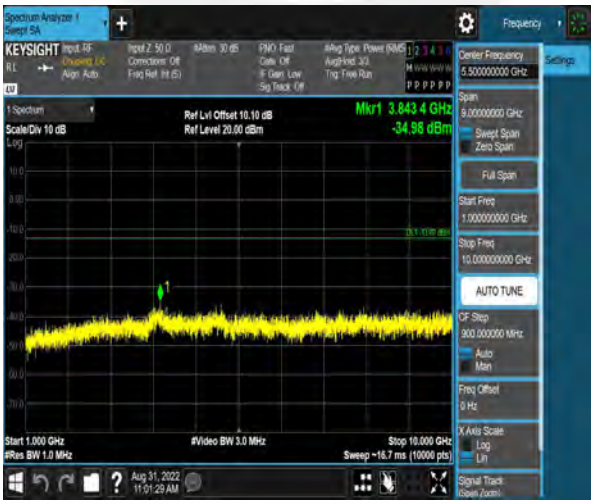
Band12-3MHz-64QAM-23095-1RB#0-Range1:30~1000MHz

Band12-3MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



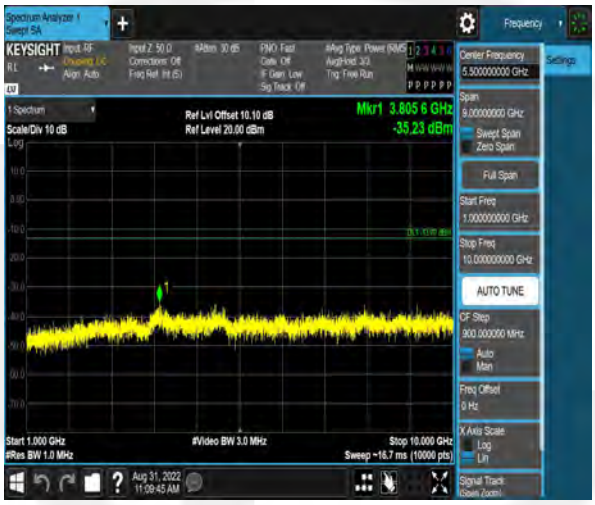
Band12-3MHz-64QAM-23165-1RB#0-Range1:30~1000MHz

Band12-3MHz-64QAM-23165-1RB#0-Range2:1000~10000MHz



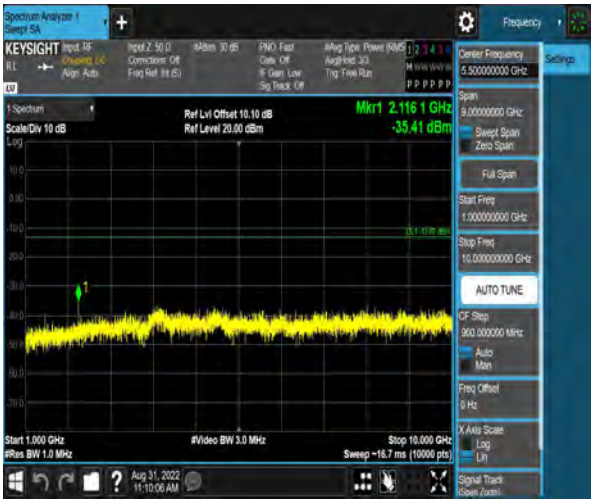
Band12-5MHz-64QAM-23035-1RB#0-Range1:30~1000MHz

Band12-5MHz-64QAM-23035-1RB#0-Range2:1000~10000MHz



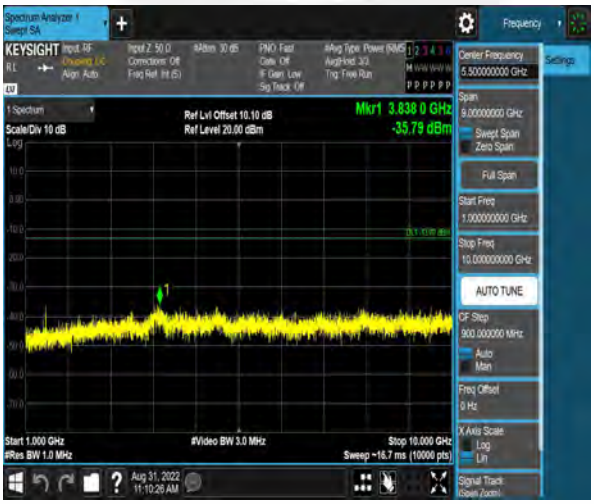
Band12-5MHz-64QAM-23095-1RB#0-Range1:30~1000MHz

Band12-5MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



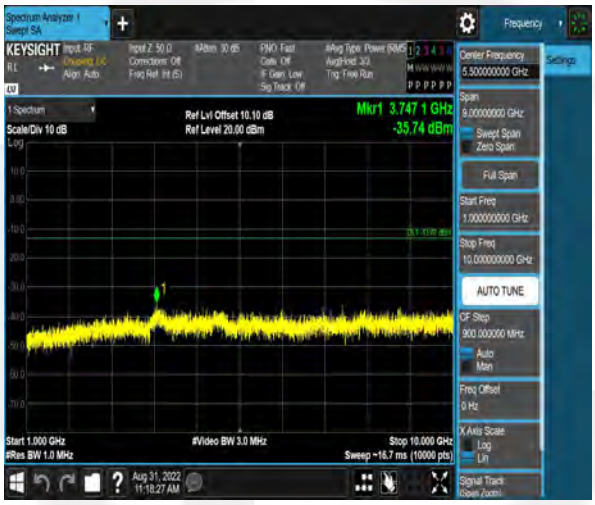
Band12-5MHz-64QAM-23155-1RB#0-Range1:30~1000MHz

Band12-5MHz-64QAM-23155-1RB#0-Range2:1000~10000MHz

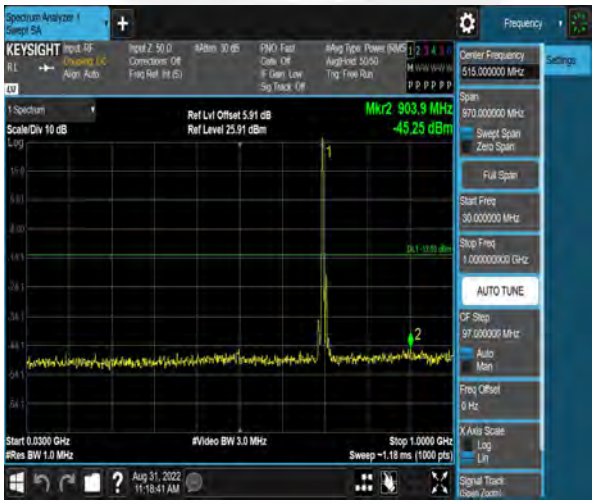


Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz

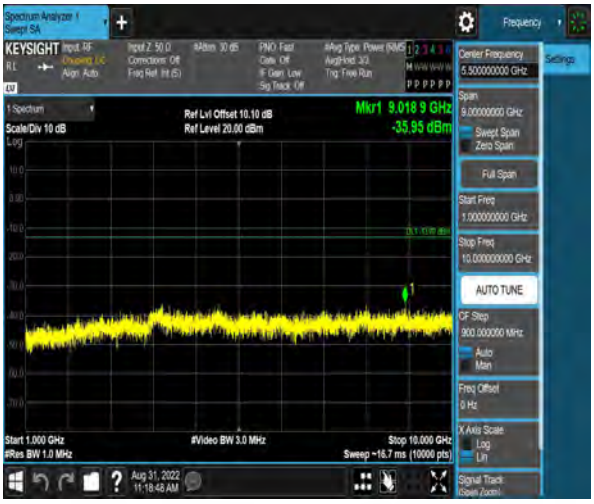
Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz



Band12-10MHz-64QAM-23095-1RB#0-Range1:30~1000MHz

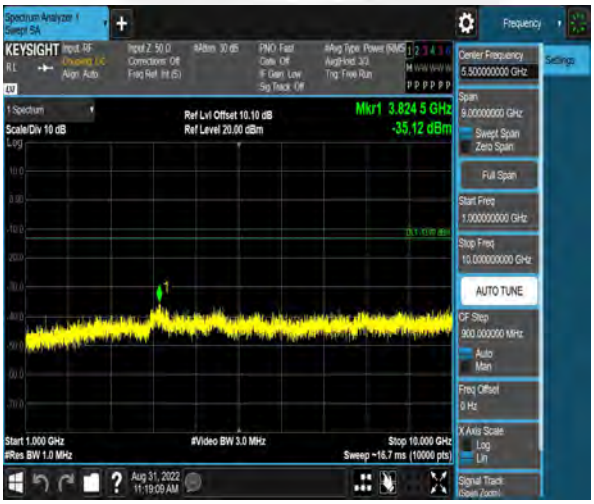


Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-64QAM-23130-1RB#0-Range1:30~1000MHz

Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	VL	NT	7.68	0.010976	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	VN	NT	11.74	0.016779	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	VH	NT	-3.81	-0.005445	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	VL	NT	-24.50	-0.034629	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	VN	NT	-20.38	-0.028806	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	VH	NT	-21.04	-0.029739	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	VL	NT	11.86	0.016580	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	VN	NT	6.67	0.009325	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	VH	NT	12.40	0.017335	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	VL	NT	5.34	0.007623	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	VN	NT	5.76	0.008223	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	VH	NT	-2.73	-0.003897	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	VL	NT	-5.49	-0.007760	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	VN	NT	3.02	0.004269	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	VH	NT	-5.59	-0.007901	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	VL	NT	4.25	0.005948	±2.5	PASS

Band12	3MHz	64QAM	23165	15RB#0	VN	NT	4.66	0.006522	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	VH	NT	5.49	0.007684	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VL	NT	-6.04	-0.008610	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VN	NT	-2.27	-0.003236	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VH	NT	-5.28	-0.007527	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VL	NT	-6.95	-0.009823	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VN	NT	2.22	0.003138	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VH	NT	-2.29	-0.003237	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VL	NT	-8.45	-0.011843	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VN	NT	-9.27	-0.012992	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VH	NT	-7.38	-0.010343	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	-2.15	-0.003054	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	5.36	0.007614	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	7.45	0.010582	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	-7.97	-0.011265	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	-8.00	-0.011307	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	-4.82	-0.006813	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-2.90	-0.004079	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	4.42	0.00621	±2.5	PASS

								7		
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	-5.72	-0.008045	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-30	-7.77	-0.011105	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-20	-3.10	-0.004430	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-10	-7.38	-0.010547	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	0	-10.33	-0.014763	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	10	-4.79	-0.006846	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	20	-8.08	-0.011548	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	30	-9.11	-0.013020	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	40	-3.18	-0.004545	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	50	-4.31	-0.006160	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-30	-16.22	-0.022926	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-20	-9.16	-0.012947	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-10	-11.36	-0.016057	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	0	-4.43	-0.006261	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	10	-6.98	-0.009866	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	20	-10.96	-0.015491	±2.5	PASS

Band12	1.4MHz	64QAM	23095	6RB#0	NV	30	1.63	0.002304	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	40	-3.55	-0.005018	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	50	-5.48	-0.007746	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	-30	6.01	0.008402	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	-20	-5.38	-0.007521	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	-10	-3.35	-0.004683	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	0	-2.57	-0.003593	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	10	-10.76	-0.015043	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	20	-9.01	-0.012596	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	30	-9.33	-0.013043	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	40	-7.18	-0.010038	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	50	-6.77	-0.009465	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	-30	-6.12	-0.008737	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	-20	2.15	0.003069	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	-10	-2.79	-0.003983	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	0	-3.88	-0.005539	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	10	5.54	0.007909	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	20	4.02	0.005739	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	30	2.60	0.00371	±2.5	PASS

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Band12	3MHz	64QAM	23025	15RB#0	NV	40	-2.63	-0.003754	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	50	-3.79	-0.005410	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-30	-4.53	-0.006403	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-20	2.37	0.003350	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-10	-3.53	-0.004989	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	0	3.55	0.005018	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	10	-3.42	-0.004834	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	20	-6.81	-0.009625	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	30	-6.87	-0.009710	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	40	-2.49	-0.003519	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	50	-4.03	-0.005696	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-30	7.52	0.010525	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-20	10.06	0.014080	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-10	3.76	0.005262	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	0	5.79	0.008104	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	10	8.51	0.011910	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	20	1.23	0.001721	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	30	3.85	0.005388	±2.5	PASS

Band12	3MHz	64QAM	23165	15RB#0	NV	40	4.05	0.005668	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	50	4.98	0.006970	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	-30	-6.07	-0.008653	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	-20	-5.01	-0.007142	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	-10	-5.91	-0.008425	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	0	-4.61	-0.006572	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	10	-5.12	-0.007299	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	20	-4.23	-0.006030	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	30	-2.96	-0.004220	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	40	-2.03	-0.002894	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	50	-1.97	-0.002808	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	-30	-2.57	-0.003633	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	-20	-2.12	-0.002996	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	-10	-7.80	-0.011025	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	0	-4.85	-0.006855	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	10	2.05	0.002898	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	20	-5.64	-0.007972	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	30	1.23	0.001739	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	40	1.54	0.00217	±2.5	PASS

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Band12	5MHz	64QAM	23095	25RB#0	NV	50	-4.12	-0.005823	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-30	-5.81	-0.008143	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-20	-3.38	-0.004737	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-10	-2.59	-0.003630	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	0	-1.72	-0.002411	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	10	-9.37	-0.013132	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	20	-7.78	-0.010904	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	30	-5.84	-0.008185	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	40	-5.98	-0.008381	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	50	-2.78	-0.003896	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	6.04	0.008580	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	5.89	0.008366	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-10	5.05	0.007173	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	4.82	0.006847	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	3.46	0.004915	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	1.69	0.002401	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	2.29	0.003253	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	-3.39	-0.004815	±2.5	PASS

Band12	10MHz	64QAM	23060	50RB#0	NV	50	7.28	0.010341	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	-8.03	-0.011350	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	-3.46	-0.004890	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-10	-6.94	-0.009809	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	-9.86	-0.013936	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-3.18	-0.004495	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-5.97	-0.008438	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	-7.60	-0.010742	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	1.80	0.002544	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	-2.12	-0.002996	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	4.02	0.005654	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	3.78	0.005316	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-10	1.62	0.002278	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-1.60	-0.002250	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-3.59	-0.005049	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-4.58	-0.006442	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-4.06	-0.005710	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-4.81	-0.0067	±2.5	PASS

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