

LTE Band12

QPSK/16QAM Test Data

Report No. ENS2207140201W00207R Page 22

Appendix A: Effective (Isotropic) Radiated Power Output Data

Report No. ENS2207140201W00207R Page 44

Appendix B: Peak-to-Average Ratio

Report No. ENS2207140201W00207R Page 27

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Report No. ENS2207140201W00207R Page 28

Appendix D: Band Edge

Report No. ENS2207140201W00207R Page 30

Appendix E: Conducted Spurious Emission

Report No. ENS2207140201W00207R Page 43

Appendix F: Frequency Stability

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

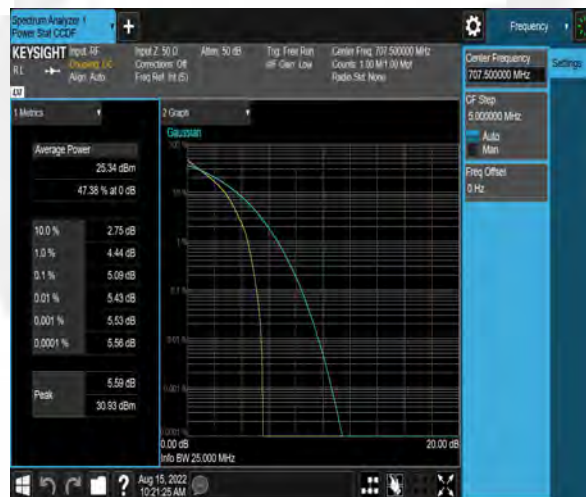
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.29	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.09	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.73	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.21	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.91	13	PASS
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



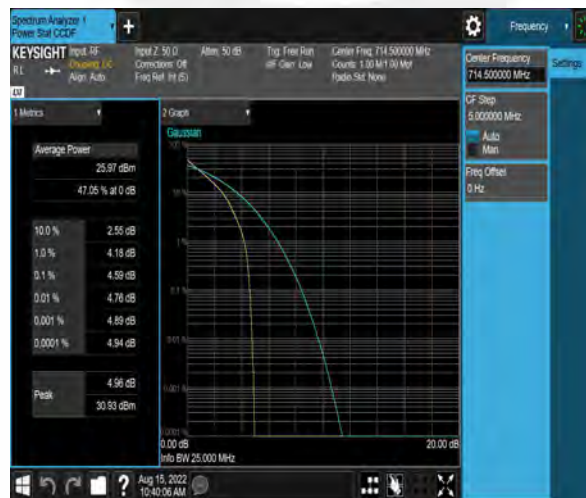
Band12-1.4MHz-16QAM-23095-6RB#0

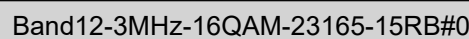


Band12-1.4MHz-16QAM-23173-6RB#0



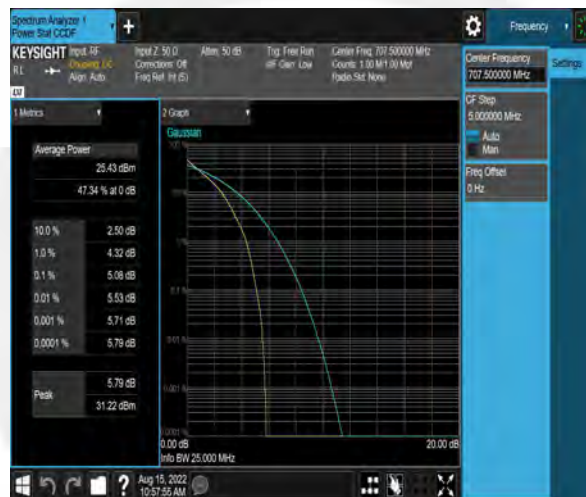
Band12-3MHz-QPSK-23025-15RB#0



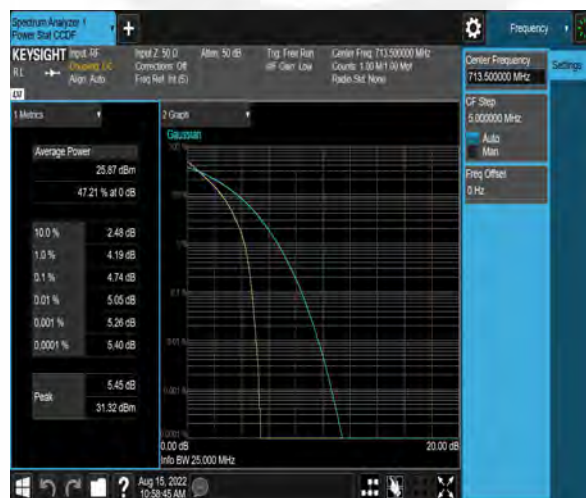




Band12-5MHz-QPSK-23095-25RB#0



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



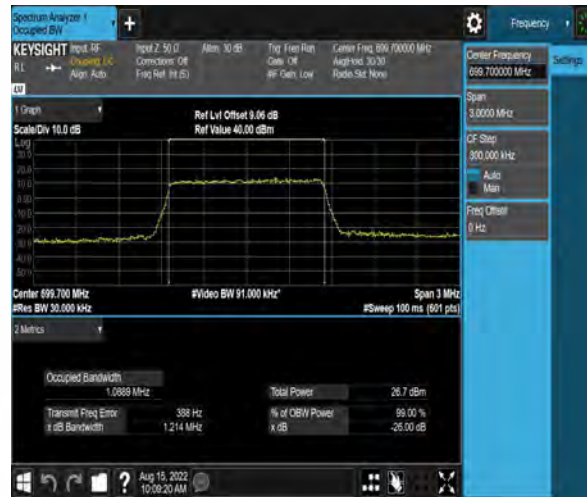
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

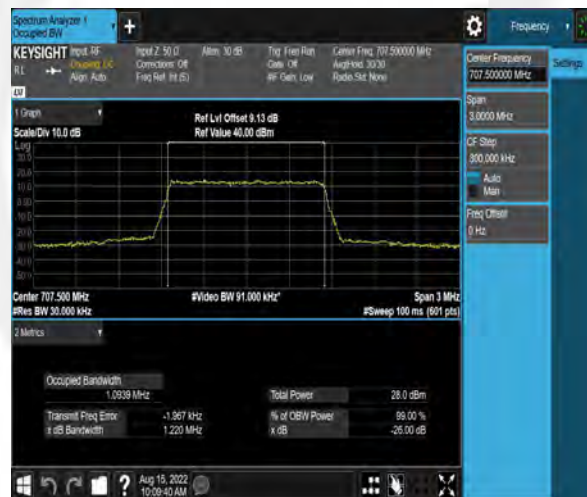
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0889	1.214	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0939	1.220	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0876	1.221	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0886	1.232	PASS
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



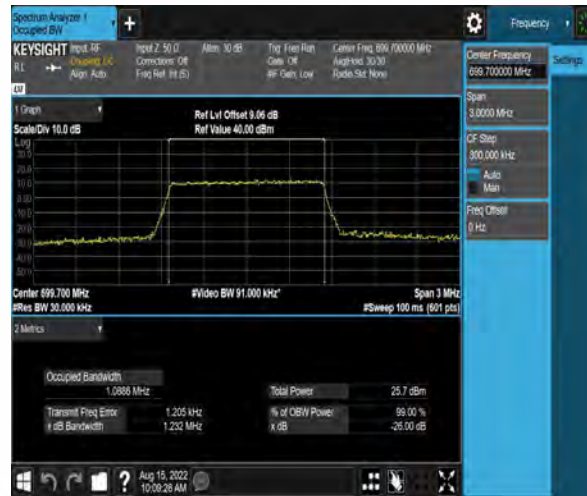
Band12-1.4MHz-QPSK-23095-6RB#0



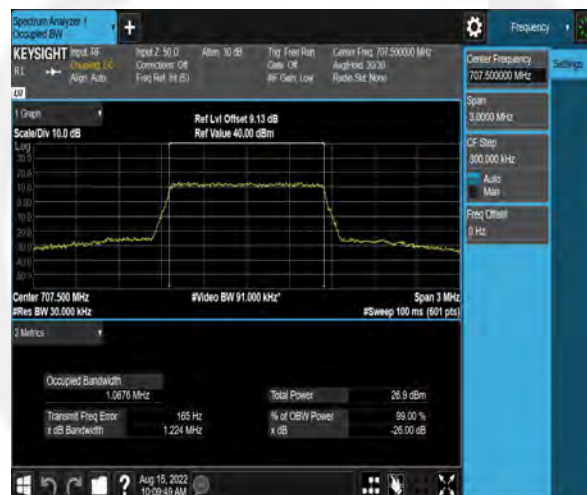
Band12-1.4MHz-QPSK-23173-6RB#0



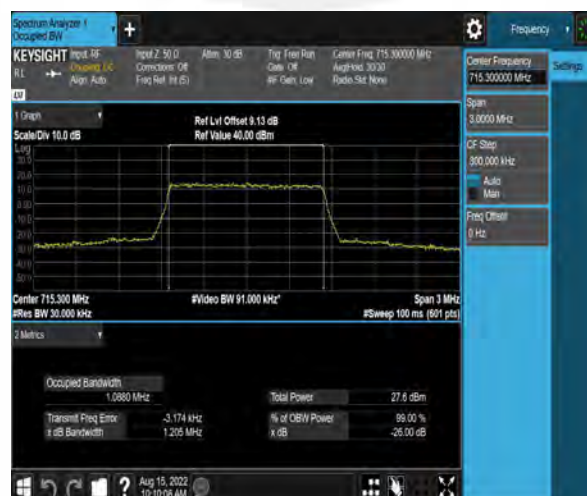
Band12-1.4MHz-16QAM-23017-6RB#0



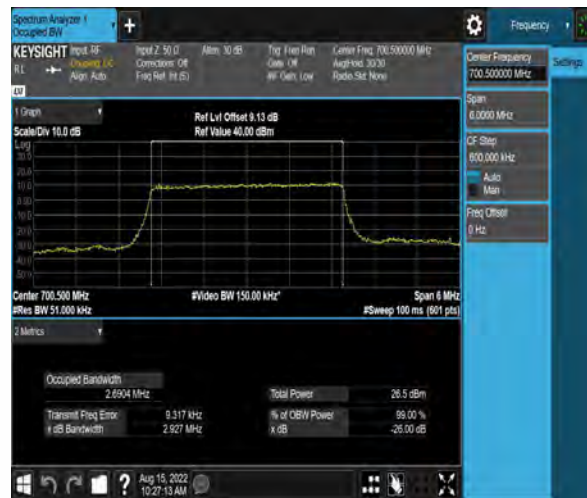
Band12-1.4MHz-16QAM-23095-6RB#0



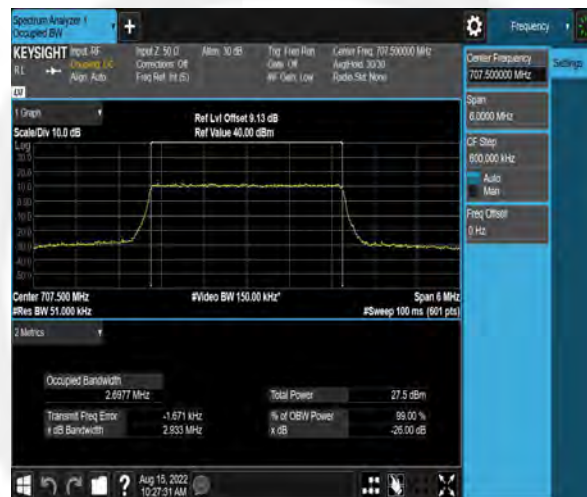
Band12-1.4MHz-16QAM-23173-6RB#0



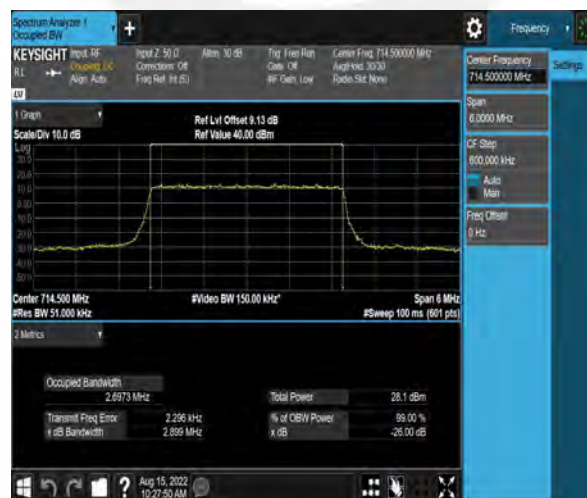
Band12-3MHz-QPSK-23025-15RB#0



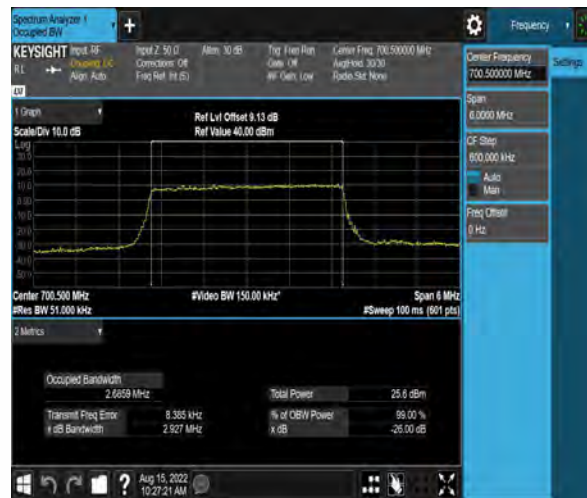
Band12-3MHz-QPSK-23095-15RB#0



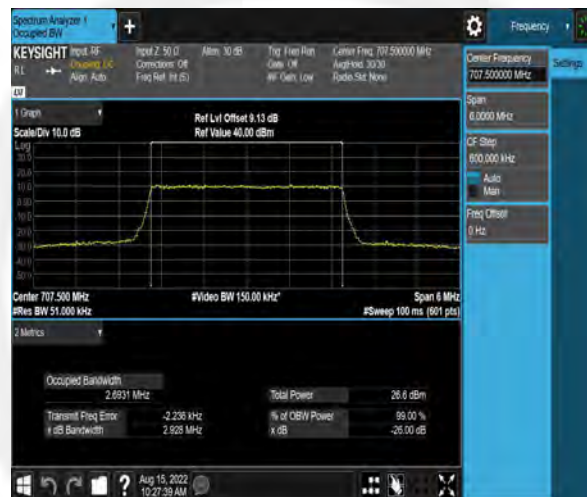
Band12-3MHz-QPSK-23165-15RB#0



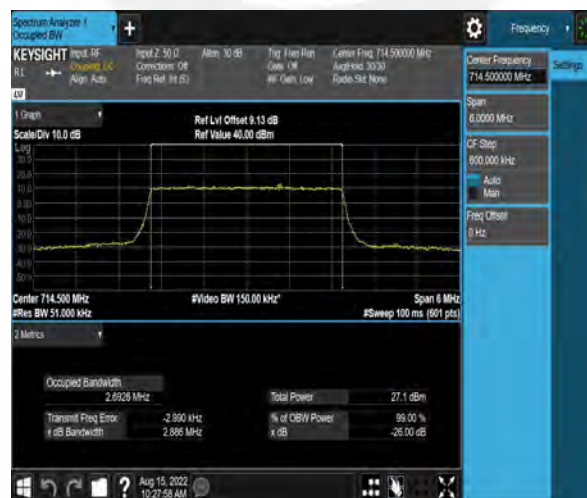
Band12-3MHz-16QAM-23025-15RB#0



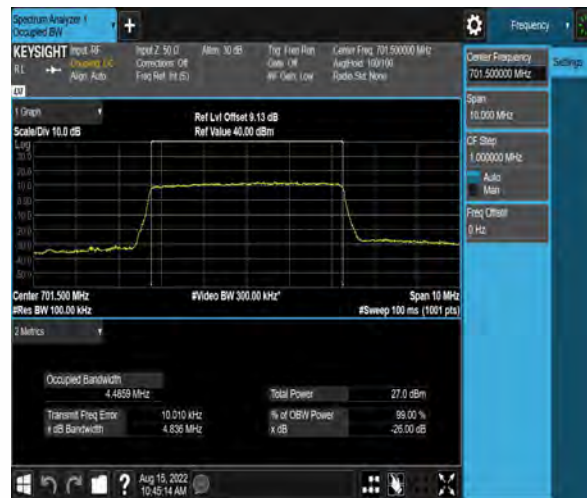
Band12-3MHz-16QAM-23095-15RB#0



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



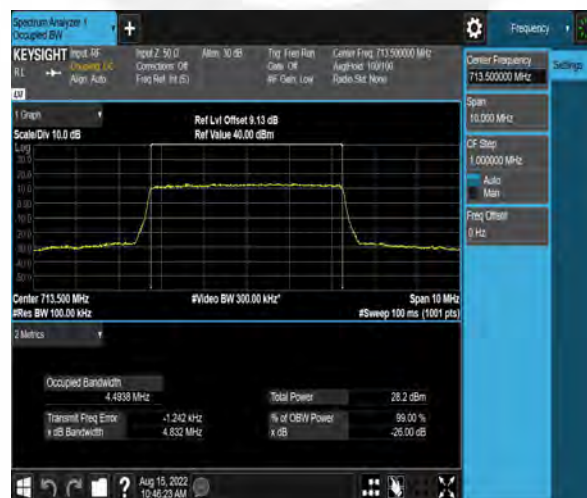
Band12-5MHz-QPSK-23035-25RB#0



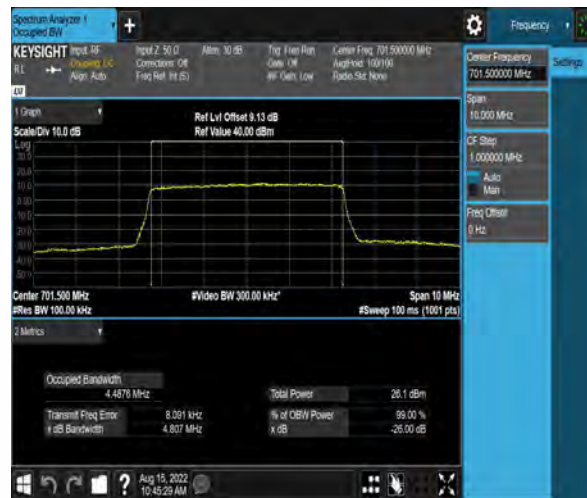
Band12-5MHz-QPSK-23095-25RB#0



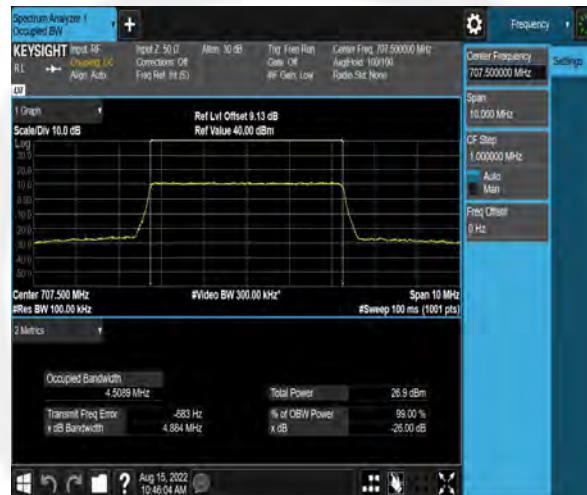
Band12-5MHz-QPSK-23155-25RB#0



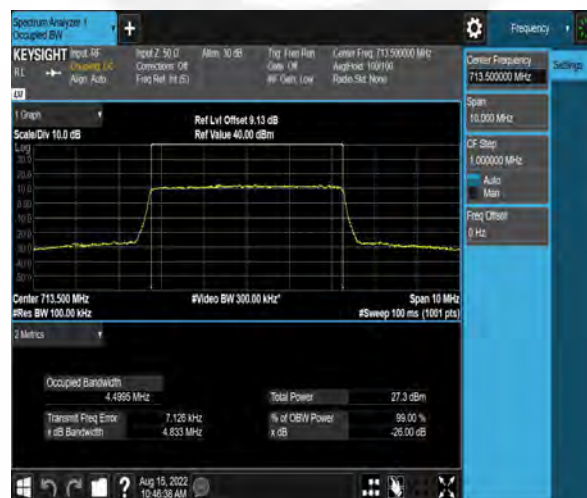
Band12-5MHz-16QAM-23035-25RB#0



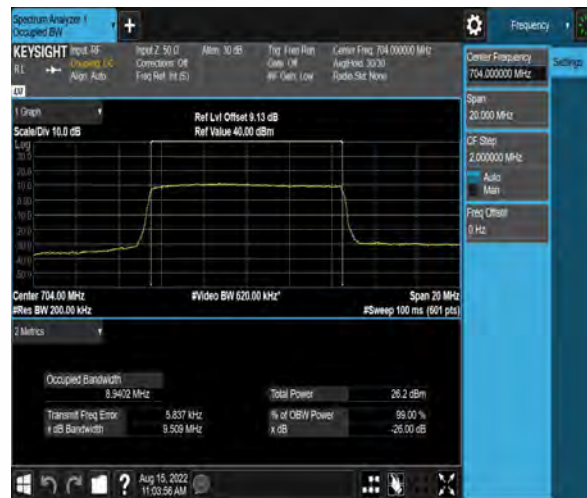
Band12-5MHz-16QAM-23095-25RB#0



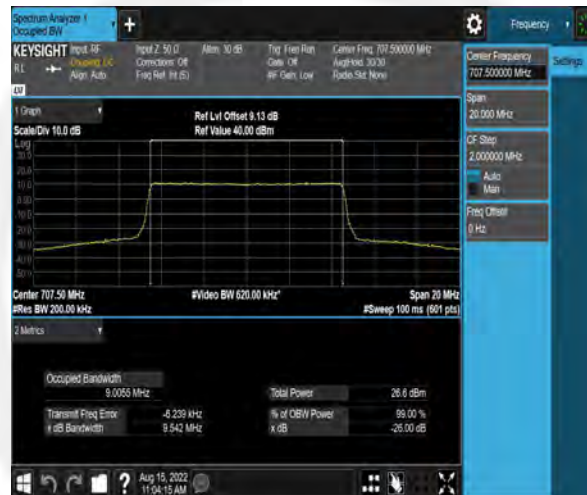
Band12-5MHz-16QAM-23155-25RB#0



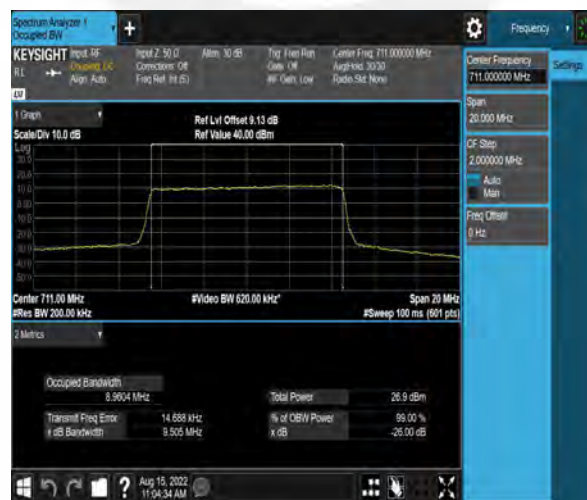
Band12-10MHz-QPSK-23060-50RB#0



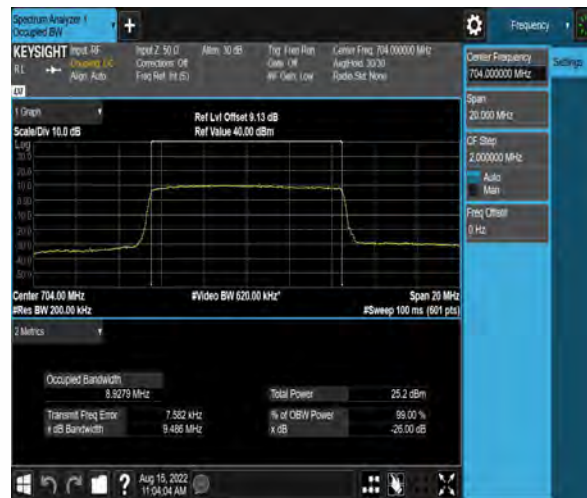
Band12-10MHz-QPSK-23095-50RB#0



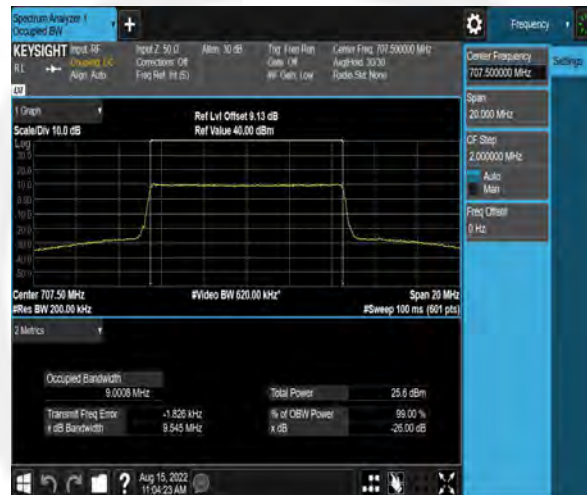
Band12-10MHz-QPSK-23130-50RB#0



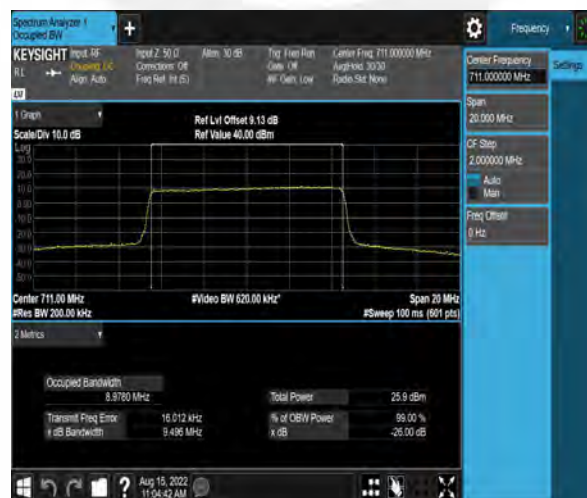
Band12-10MHz-16QAM-23060-50RB#0



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



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



Appendix 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



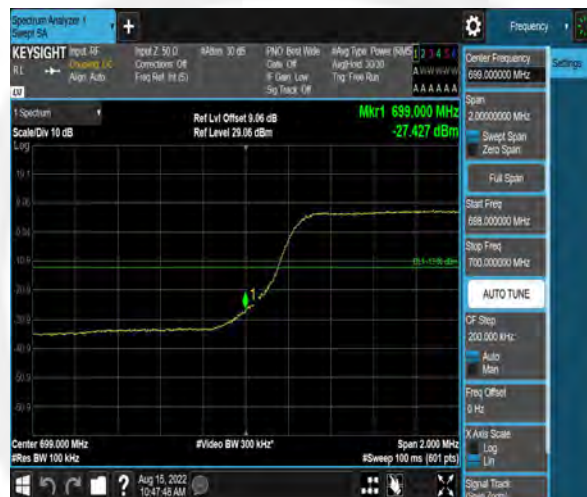
Band12-5MHz-QPSK-23035-25RB#0



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



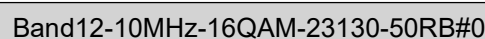
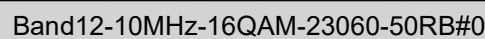
Band12-5MHz-16QAM-23035-25RB#0



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



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





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	Range1:30~1000MHz	-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

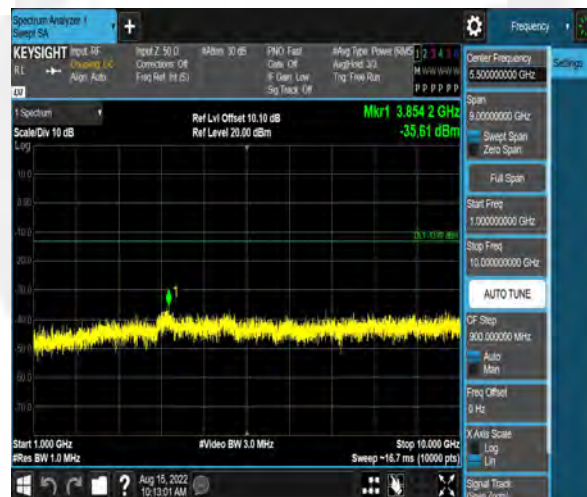
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-36.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-44.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-36.56	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.63	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.98	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



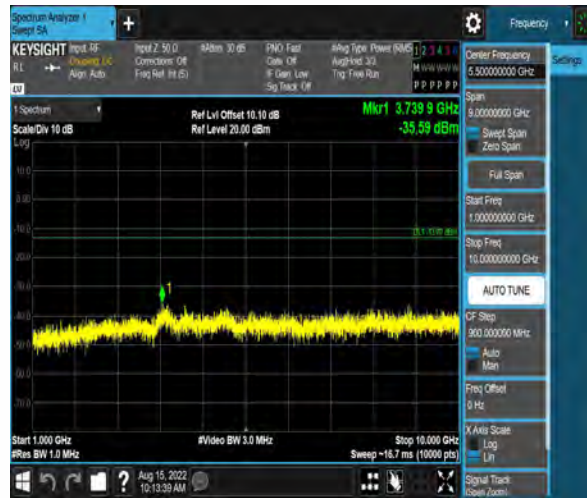
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



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



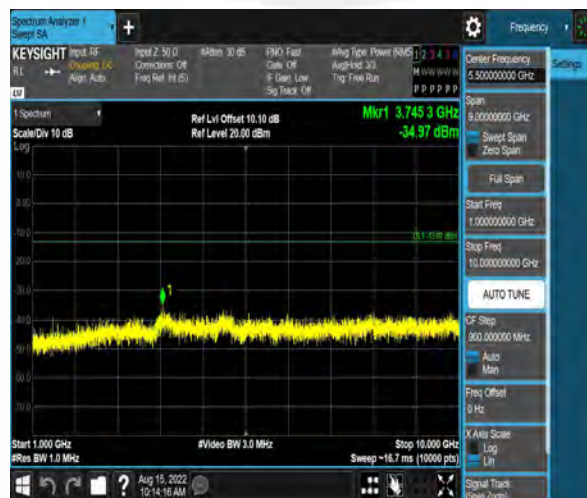
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



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



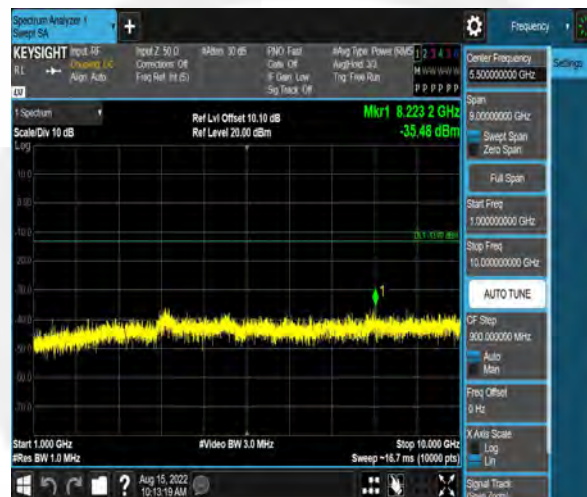
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



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



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



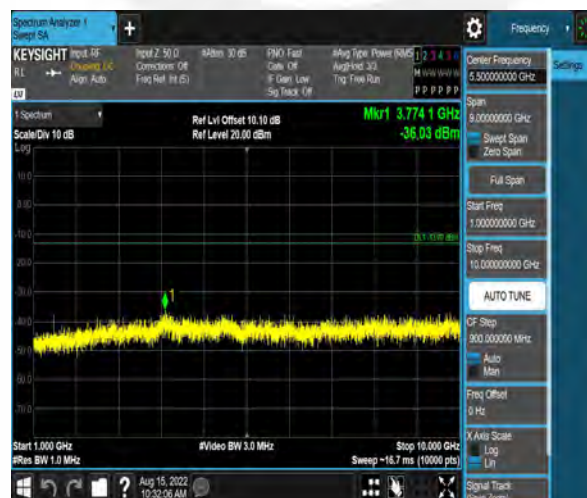
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



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



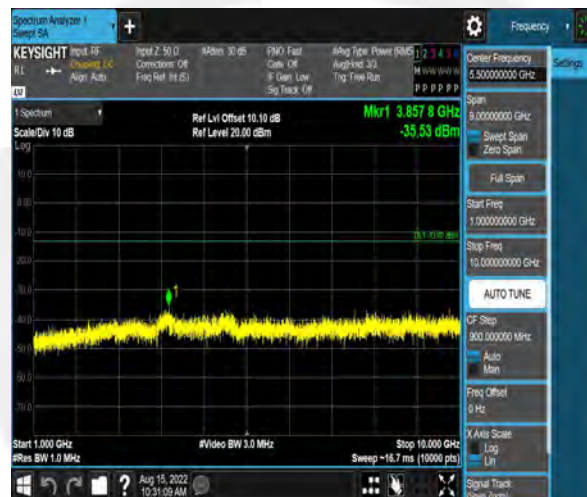
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



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



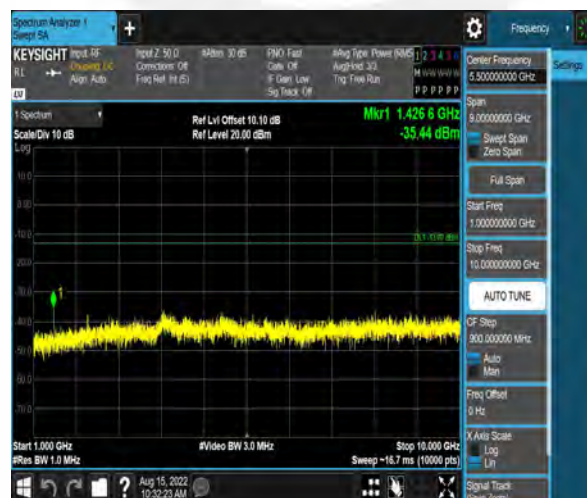
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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



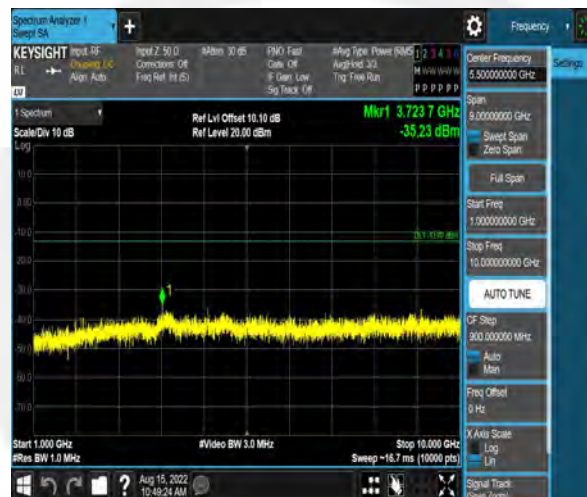
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



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



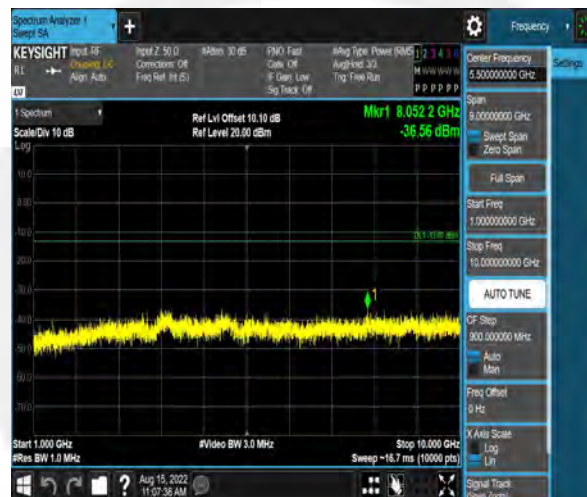
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



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



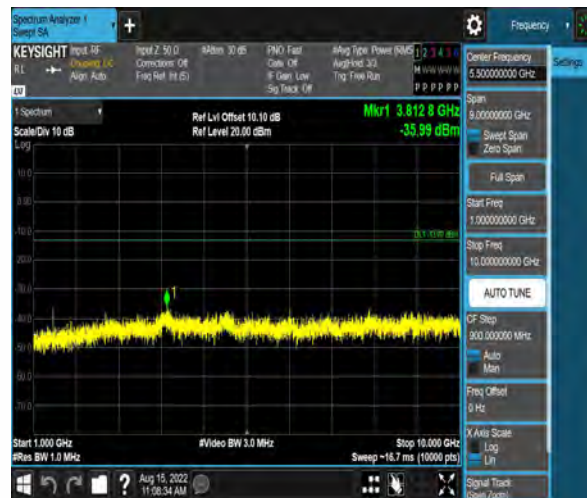
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



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



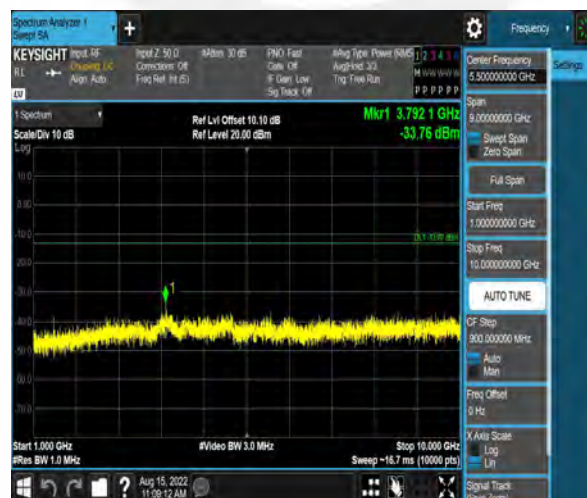
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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



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



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	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	-0.0076 05	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-6.52	-0.00911 5	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	2.88	0.00411 1	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-1.36	-0.0019 41	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	7.61	0.01086 4	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-1.40	-0.0019 79	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-4.43	-0.0062 61	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-6.79	-0.0095 97	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	4.89	0.00684 4	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	3.98	0.00557 0	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	3.63	0.00508 0	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-2.49	-0.0035 55	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	6.21	0.00886 5	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	1.22	0.00174 2	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-6.65	-0.0093 99	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	3.18	0.00449 5	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-6.11	-0.0086 36	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	2.76	0.00386 3	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	8.17	0.01143	±2.5	PASS

								5		
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	6.75	0.00944 7	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-2.63	-0.0037 49	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	2.03	0.00289 4	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-5.24	-0.0074 70	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-8.47	-0.01197 2	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	2.17	0.00306 7	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-8.97	-0.0126 78	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-6.52	-0.0091 38	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-7.28	-0.0102 03	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	4.55	0.00637 7	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-3.08	-0.0043 91	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-6.11	-0.0087 10	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-8.54	-0.0121 74	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-7.15	-0.0101 06	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	2.19	0.00309 5	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-6.55	-0.0092 58	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-5.26	-0.0073 72	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	3.85	0.00539 6	±2.5	PASS

Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-2.40	-0.0033 64	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	4.65	0.00660 5	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	7.94	0.01127 8	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	4.99	0.00708 8	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-8.38	-0.01184 5	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-8.63	-0.0121 98	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-5.32	-0.0075 19	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-4.73	-0.0066 53	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	5.05	0.00710 3	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-2.80	-0.0039 38	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	3.13	0.00444 6	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	1.76	0.00250 0	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	4.72	0.00670 5	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	1.67	0.00236 0	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-4.59	-0.0064 88	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-7.50	-0.0106 01	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-2.93	-0.0041 21	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-5.25	-0.0073 84	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	3.35	0.00471	±2.5	PASS

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Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-9.46	-0.0135 20	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-4.94	-0.0070 60	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-8.78	-0.0125 48	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-9.70	-0.0138 63	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-6.12	-0.0087 47	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-7.21	-0.0103 04	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-10.04	-0.0143 49	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	1.89	0.00270 1	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-2.65	-0.0037 87	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-2.40	-0.0033 92	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-3.43	-0.0048 48	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-3.82	-0.0053 99	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-4.38	-0.0061 91	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-5.45	-0.0077 03	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-6.39	-0.0090 32	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-6.08	-0.0085 94	±2.5	PASS

Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-6.77	-0.0095 69	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-8.01	-0.01132 2	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-1.85	-0.0025 86	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1.96	-0.0027 40	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-11.26	-0.0157 42	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	2.37	0.00331 3	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-7.72	-0.0107 93	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-6.71	-0.0093 81	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-8.03	-0.01122 6	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-8.65	-0.0120 93	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-7.25	-0.0101 36	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-8.75	-0.0125 05	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-9.26	-0.0132 34	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	-7.30	-0.0104 33	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-7.60	-0.0108 62	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-6.22	-0.0088 90	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-7.07	-0.0101 04	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-7.31	-0.0104 47	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-6.64	-0.0094	±2.5	PASS

								90		
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	-7.90	-0.01129 1	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-2.78	-0.0039 29	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-10.19	-0.0144 03	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	-8.68	-0.0122 69	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-9.13	-0.0129 05	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-9.66	-0.0136 54	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-6.94	-0.0098 09	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-8.31	-0.01174 6	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-7.42	-0.0104 88	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-6.25	-0.0088 34	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-5.44	-0.0076 05	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-1.97	-0.0027 54	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	3.91	0.00546 6	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-6.34	-0.0088 63	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-3.78	-0.0052 84	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-2.89	-0.0040 40	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	3.96	0.00553 6	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-7.94	-0.01110 0	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	-3.83	-0.0053 54	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	2.46	0.00351 2	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	8.50	0.01213 4	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	6.32	0.00902 2	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	5.35	0.00763 7	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	4.22	0.00602 4	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	2.76	0.00394 0	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-3.83	-0.0054 68	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-5.34	-0.0076 23	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	-5.82	-0.0083 08	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-3.55	-0.0050 18	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-5.78	-0.0081 70	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	-8.96	-0.0126 64	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-1.60	-0.0022 61	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-2.20	-0.00311 0	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-5.98	-0.0084 52	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-5.58	-0.0078 87	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-8.41	-0.01188 7	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-7.25	-0.0102	±2.5	PASS

								47		
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	3.66	0.00512 2	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	3.42	0.00478 7	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	5.87	0.00821 6	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	5.55	0.00776 8	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	6.02	0.00842 5	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	7.25	0.01014 7	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	6.45	0.00902 7	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	7.93	0.01109 9	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	7.93	0.01109 9	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	4.72	0.00673 8	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	2.69	0.00384 0	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-10	4.19	0.00598 1	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	3.88	0.00553 9	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-6.08	-0.0086 80	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	4.32	0.00616 7	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	6.74	0.00962 2	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	6.09	0.00869 4	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	6.44	0.00919 3	±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

								12		
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-5.25	-0.0074 84	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	-6.75	-0.0096 22	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-6.85	-0.0097 65	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-6.75	-0.0096 22	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-5.91	-0.0084 25	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	-7.35	-0.0104 78	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	-5.74	-0.0081 82	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	-6.58	-0.0093 80	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-5.31	-0.0075 05	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	1.54	0.00217 7	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-3.68	-0.0052 01	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-7.20	-0.0101 77	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-2.16	-0.0030 53	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-3.10	-0.0043 82	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-5.95	-0.0084 10	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-8.51	-0.0120 28	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-7.72	-0.0109 12	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	4.02	0.00563 4	±2.5	PASS

Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-6.88	-0.0096 43	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	-6.72	-0.0094 18	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-7.72	-0.0108 20	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-5.76	-0.0080 73	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	3.99	0.00559 2	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	3.66	0.00513 0	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	3.15	0.00441 5	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	4.63	0.00648 9	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	-8.61	-0.0122 74	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-6.17	-0.0087 95	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-10	-5.02	-0.0071 56	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-4.29	-0.00611 5	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-3.53	-0.0050 32	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-2.55	-0.0036 35	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	2.69	0.00383 5	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	3.43	0.00489 0	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-7.12	-0.0101 50	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-6.65	-0.0093 99	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-5.65	-0.0079	±2.5	PASS

								86		
Band12	5MHz	16QAM	23095	25RB#0	NV	-10	-5.68	-0.0080 28	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-5.39	-0.0076 18	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-3.83	-0.0054 13	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-4.15	-0.0058 66	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-3.39	-0.0047 92	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-2.90	-0.0040 99	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	50	-4.08	-0.0057 67	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-8.90	-0.0124 74	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-7.32	-0.0102 59	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-10	-4.51	-0.0063 21	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-3.92	-0.0054 94	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-3.45	-0.0048 35	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-2.62	-0.0036 72	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-1.32	-0.0018 50	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-9.24	-0.0129 50	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	50	-7.82	-0.0109 60	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	1.93	0.00274 1	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	2.07	0.00294 0	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	NV	-10	2.60	0.00369 3	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-1.69	-0.0024 01	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	9.06	0.01286 9	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	9.13	0.01296 9	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	1.56	0.00221 6	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	8.93	0.01268 5	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	10.41	0.01478 7	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	3.13	0.00442 4	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-4.21	-0.0059 51	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-5.71	-0.0080 71	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-6.37	-0.0090 04	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	4.06	0.00573 9	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	1.52	0.00214 8	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-2.86	-0.0040 42	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-2.65	-0.0037 46	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-5.52	-0.0078 02	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.85	-0.0040 08	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-5.92	-0.0083 26	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	6.17	0.00867	±2.5	PASS

								8		
Band12	10MHz	QPSK	23130	50RB#0	NV	0	3.68	0.00517 6	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	2.59	0.00364 3	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-2.43	-0.0034 18	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	2.02	0.00284 1	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	1.19	0.00167 4	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-3.82	-0.0053 73	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	4.84	0.00687 5	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	5.85	0.00831 0	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	-3.72	-0.0052 84	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-2.45	-0.0034 80	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	2.75	0.00390 6	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	4.05	0.00575 3	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	6.15	0.00873 6	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	7.05	0.01001 4	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	7.34	0.01042 6	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-9.16	-0.0129 47	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-8.11	-0.01146 3	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	-7.40	-0.0104 59	±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



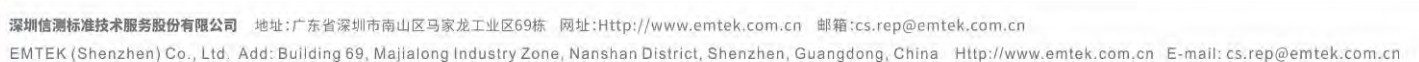
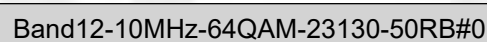
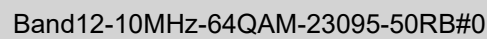
Band12-5MHz-64QAM-23095-25RB#0



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



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



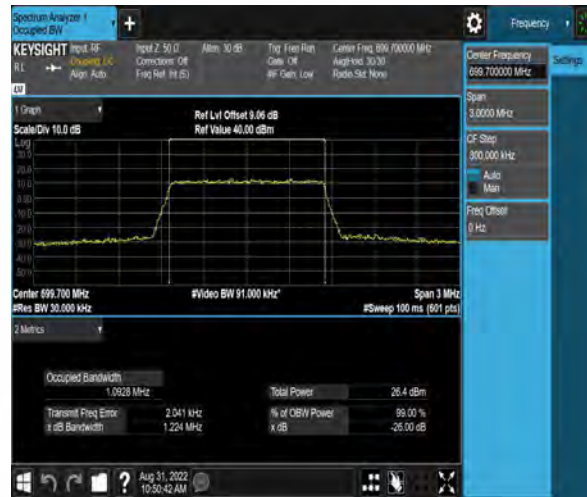
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

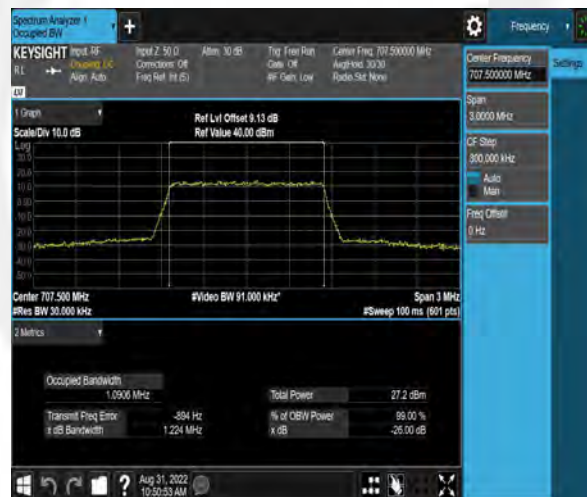
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	1.0928	1.224	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0906	1.224	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0888	1.228	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6936	2.920	PASS
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



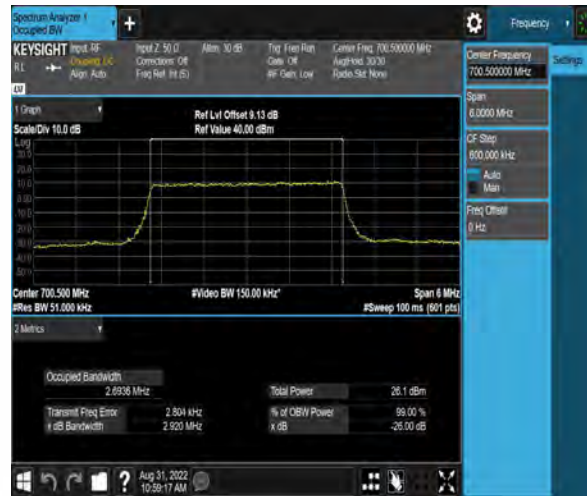
Band12-1.4MHz-64QAM-23095-6RB#0



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



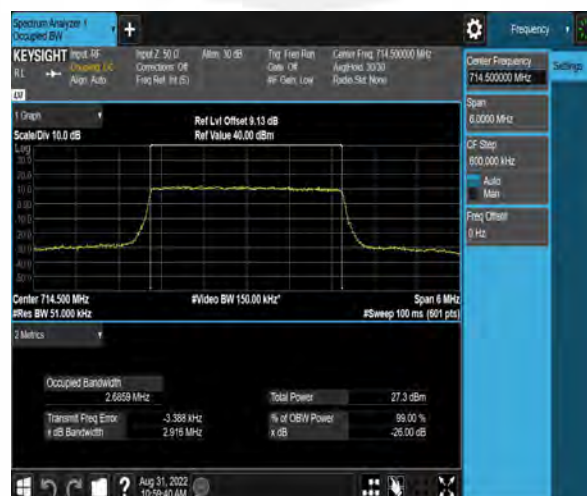
Band12-3MHz-64QAM-23025-15RB#0



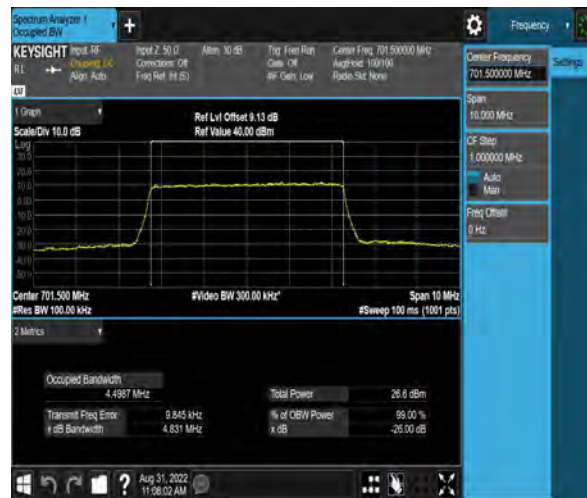
Band12-3MHz-64QAM-23095-15RB#0



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



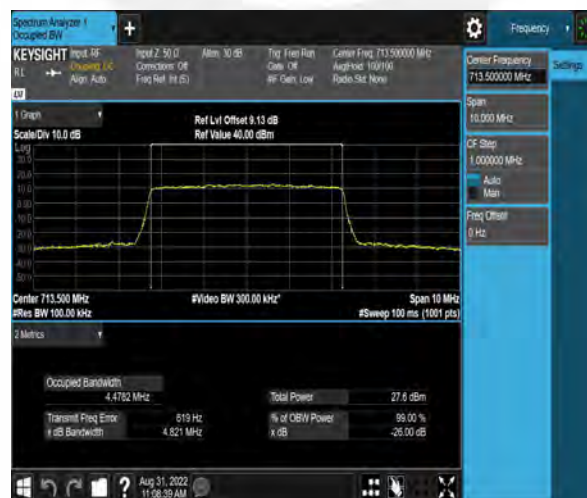
Band12-5MHz-64QAM-23035-25RB#0



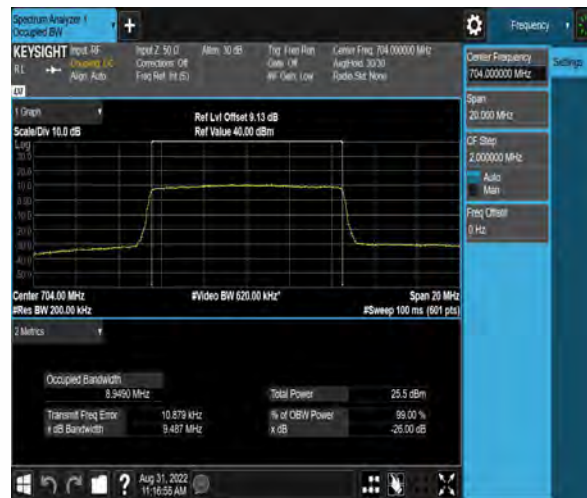
Band12-5MHz-64QAM-23095-25RB#0



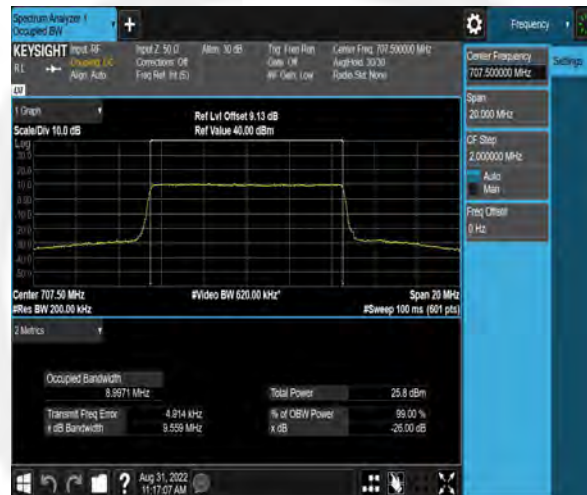
Band12-5MHz-64QAM-23155-25RB#0



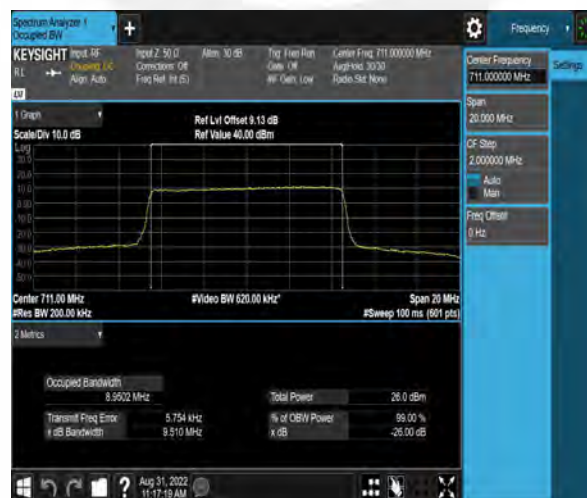
Band12-10MHz-64QAM-23060-50RB#0



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



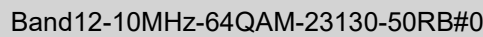
Band12-5MHz-64QAM-23035-25RB#0



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



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



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	Range1:30~1000MHz	-44.81	PASS

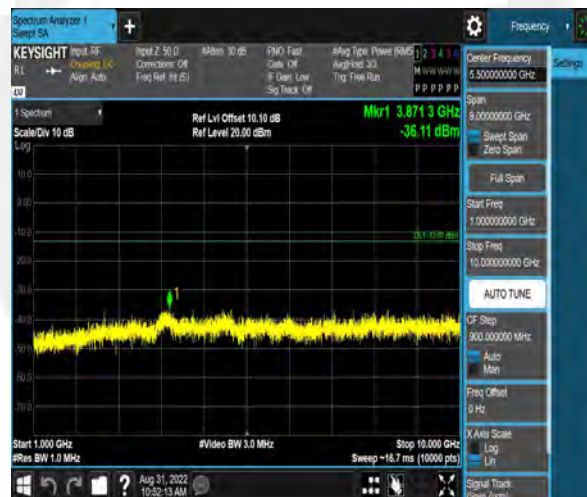
					00MHz		
Band12	5MHz	64QAM	23155	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range1:30~1000MHz	-45.49	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range2:1000~10000MHz	-35.74	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-45.25	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz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



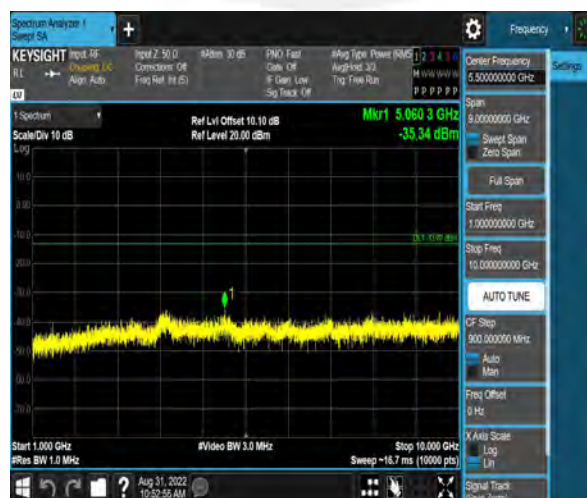
Band12-1.4MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



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



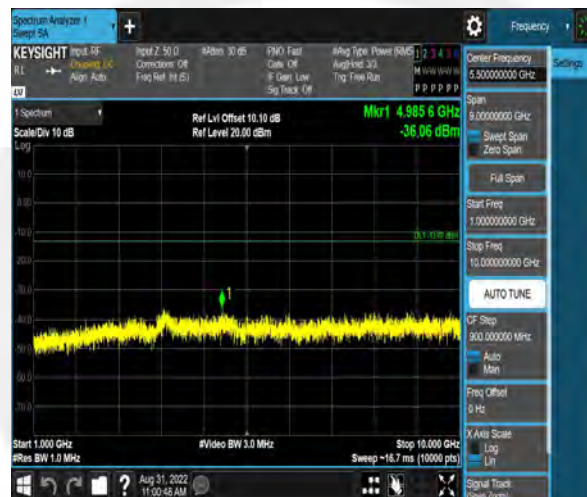
Band12-1.4MHz-64QAM-23173-1RB#0-Range2:1000~10000MHz



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



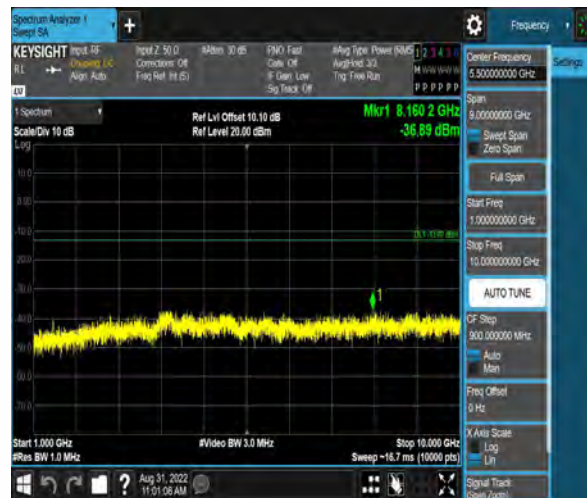
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Band12-3MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



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



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



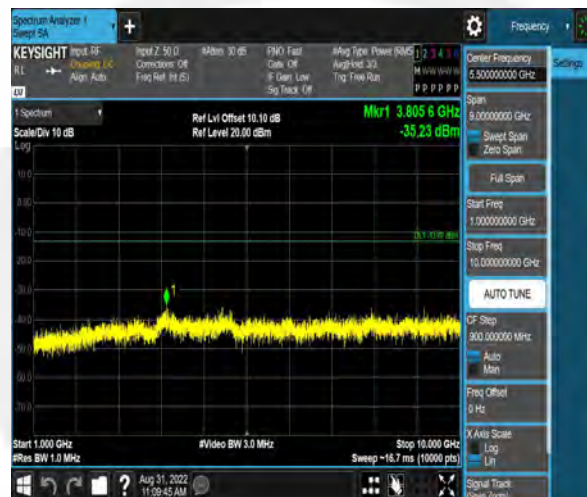
Band12-3MHz-64QAM-23165-1RB#0-Range2:1000~10000MHz



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



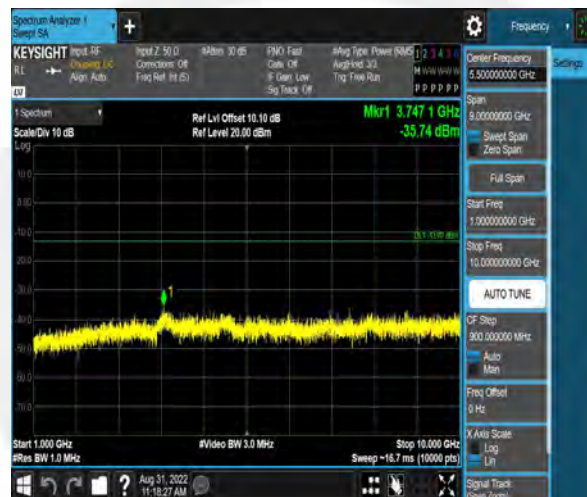
Band12-5MHz-64QAM-23155-1RB#0-Range2:1000~10000MHz



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



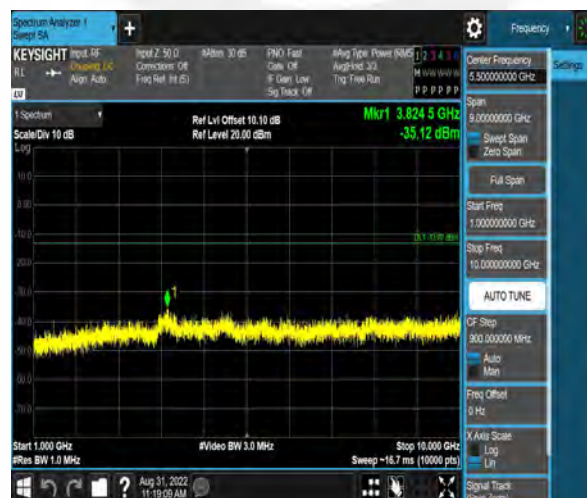
Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



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 (°C)	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	0.00652 2	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	VH	NT	5.49	0.00768 4	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VL	NT	-6.04	-0.0086 10	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VN	NT	-2.27	-0.0032 36	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VH	NT	-5.28	-0.0075 27	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VL	NT	-6.95	-0.0098 23	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VN	NT	2.22	0.00313 8	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VH	NT	-2.29	-0.0032 37	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VL	NT	-8.45	-0.01184 3	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VN	NT	-9.27	-0.0129 92	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VH	NT	-7.38	-0.0103 43	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	-2.15	-0.0030 54	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	5.36	0.00761 4	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	7.45	0.01058 2	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	-7.97	-0.01126 5	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	-8.00	-0.01130 7	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	-4.82	-0.0068 13	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-2.90	-0.0040 79	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	4.42	0.00621	±2.5	PASS

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Band12	10MHz	64QAM	23130	50RB#0	VH	NT	-5.72	-0.0080 45	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-30	-7.77	-0.01110 5	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-20	-3.10	-0.0044 30	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-10	-7.38	-0.0105 47	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	0	-10.33	-0.0147 63	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	10	-4.79	-0.0068 46	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	20	-8.08	-0.01154 8	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	30	-9.11	-0.0130 20	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	40	-3.18	-0.0045 45	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	50	-4.31	-0.0061 60	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-30	-16.22	-0.0229 26	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-20	-9.16	-0.0129 47	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-10	-11.36	-0.0160 57	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	0	-4.43	-0.0062 61	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	10	-6.98	-0.0098 66	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	20	-10.96	-0.0154 91	±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	-0.0037 54	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	50	-3.79	-0.0054 10	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-30	-4.53	-0.0064 03	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-20	2.37	0.00335 0	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-10	-3.53	-0.0049 89	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	0	3.55	0.00501 8	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	10	-3.42	-0.0048 34	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	20	-6.81	-0.0096 25	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	30	-6.87	-0.0097 10	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	40	-2.49	-0.0035 19	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	50	-4.03	-0.0056 96	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-30	7.52	0.01052 5	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-20	10.06	0.01408 0	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-10	3.76	0.00526 2	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	0	5.79	0.00810 4	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	10	8.51	0.01191 0	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	20	1.23	0.00172 1	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	30	3.85	0.00538 8	±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	-0.0058 23	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-30	-5.81	-0.0081 43	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-20	-3.38	-0.0047 37	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-10	-2.59	-0.0036 30	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	0	-1.72	-0.00241 1	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	10	-9.37	-0.0131 32	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	20	-7.78	-0.0109 04	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	30	-5.84	-0.0081 85	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	40	-5.98	-0.0083 81	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	50	-2.78	-0.0038 96	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	6.04	0.00858 0	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	5.89	0.00836 6	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-10	5.05	0.00717 3	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	4.82	0.00684 7	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	3.46	0.00491 5	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	1.69	0.00240 1	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	2.29	0.00325 3	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	-3.39	-0.0048 15	±2.5	PASS

Band12	10MHz	64QAM	23060	50RB#0	NV	50	7.28	0.01034 1	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	-8.03	-0.01135 0	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	-3.46	-0.0048 90	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-10	-6.94	-0.0098 09	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	-9.86	-0.0139 36	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-3.18	-0.0044 95	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-5.97	-0.0084 38	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	-7.60	-0.0107 42	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	1.80	0.00254 4	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	-2.12	-0.0029 96	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	4.02	0.00565 4	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	3.78	0.00531 6	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-10	1.62	0.00227 8	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-1.60	-0.0022 50	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-2.10	-0.0029 54	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-3.59	-0.0050 49	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-4.58	-0.0064 42	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-4.06	-0.0057 10	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-4.81	-0.0067	±2.5	PASS

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