Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.67	22.93	38.5	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.65	22.91	38.5	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.72	22.98	38.5	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.48	21.74	38.5	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.43	21.69	38.5	PASS
Band7	5MHz	QPSK	20775	12RB#11	21.46	21.72	38.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.47	21.73	38.5	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.45	22.71	38.5	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.39	22.65	38.5	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.42	22.68	38.5	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.32	21.58	38.5	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.33	21.59	38.5	PASS
Band7	5MHz	QPSK	21100	12RB#11	21.31	21.57	38.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.43	21.69	38.5	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.36	22.62	38.5	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.35	22.61	38.5	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.47	22.73	38.5	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.40	21.66	38.5	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.55	21.81	38.5	PASS
Band7	5MHz	QPSK	21425	12RB#11	21.44	21.7	38.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.50	21.76	38.5	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.86	21.12	38.5	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.83	21.09	38.5	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.94	21.2	38.5	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.56	20.82	38.5	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.55	20.81	38.5	PASS
Band7	5MHz	16QAM	20775	12RB#11	20.56	20.82	38.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.63	20.89	38.5	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.90	21.16	38.5	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.87	21.13	38.5	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.80	21.06	38.5	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.46	20.72	38.5	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.51	20.77	38.5	PASS
Band7	5MHz	16QAM	21100	12RB#11	20.48	20.74	38.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.57	20.83	38.5	PASS

Band7	5MHz	16QAM	21425	1RB#0	21.63	21.89	38.5	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.58	21.84	38.5	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.67	21.93	38.5	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.64	20.9	38.5	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.68	20.94	38.5	PASS
Band7	5MHz	16QAM	21425	12RB#11	20.63	20.89	38.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.63	20.89	38.5	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.06	22.32	38.5	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.07	22.33	38.5	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.10	22.36	38.5	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.08	21.34	38.5	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.09	21.35	38.5	PASS
Band7	10MHz	QPSK	20800	25RB#24	21.21	21.47	38.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.14	21.4	38.5	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.19	22.45	38.5	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.08	22.34	38.5	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.13	22.39	38.5	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.94	21.2	38.5	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.11	21.37	38.5	PASS
Band7	10MHz	QPSK	21100	25RB#24	21.11	21.37	38.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.08	21.34	38.5	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.86	22.12	38.5	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.88	22.14	38.5	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.08	22.34	38.5	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.03	21.29	38.5	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.03	21.29	38.5	PASS
Band7	10MHz	QPSK	21400	25RB#24	20.97	21.23	38.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.06	21.32	38.5	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.33	21.59	38.5	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.36	21.62	38.5	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.36	21.62	38.5	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.22	20.48	38.5	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.20	20.46	38.5	PASS
Band7	10MHz	16QAM	20800	25RB#24	20.20	20.46	38.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.15	20.41	38.5	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.91	21.17	38.5	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.93	21.19	38.5	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.85	21.11	38.5	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.29	20.55	38.5	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.27	20.53	38.5	PASS
Band7	10MHz	16QAM	21100	25RB#24	20.25	20.51	38.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.12	20.38	38.5	PASS

Band7	10MHz	16QAM	21400	1RB#0	21.48	21.74	38.5	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.51	21.77	38.5	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.68	21.94	38.5	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.19	20.45	38.5	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.21	20.47	38.5	PASS
Band7	10MHz	16QAM	21400	25RB#24	20.24	20.5	38.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.20	20.46	38.5	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.00	22.26	38.5	PASS
Band7	15MHz	QPSK	20825	1RB#37	22.02	22.28	38.5	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.21	22.47	38.5	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.23	21.49	38.5	PASS
Band7	15MHz	QPSK	20825	36RB#16	21.22	21.48	38.5	PASS
Band7	15MHz	QPSK	20825	36RB#35	21.10	21.36	38.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.18	21.44	38.5	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.66	21.92	38.5	PASS
Band7	15MHz	QPSK	21100	1RB#37	21.68	21.94	38.5	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.76	22.02	38.5	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.14	21.4	38.5	PASS
Band7	15MHz	QPSK	21100	36RB#16	21.07	21.33	38.5	PASS
Band7	15MHz	QPSK	21100	36RB#35	21.00	21.26	38.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.07	21.33	38.5	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.91	22.17	38.5	PASS
Band7	15MHz	QPSK	21375	1RB#37	21.90	22.16	38.5	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.99	22.25	38.5	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.15	21.41	38.5	PASS
Band7	15MHz	QPSK	21375	36RB#16	21.09	21.35	38.5	PASS
Band7	15MHz	QPSK	21375	36RB#35	21.11	21.37	38.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.08	21.34	38.5	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.15	21.41	38.5	PASS
Band7	15MHz	16QAM	20825	1RB#37	21.12	21.38	38.5	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.32	21.58	38.5	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.27	20.53	38.5	PASS
Band7	15MHz	16QAM	20825	36RB#16	20.28	20.54	38.5	PASS
Band7	15MHz	16QAM	20825	36RB#35	20.27	20.53	38.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.16	20.42	38.5	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.90	21.16	38.5	PASS
Band7	15MHz	16QAM	21100	1RB#37	20.98	21.24	38.5	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.96	21.22	38.5	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.13	20.39	38.5	PASS
Band7	15MHz	16QAM	21100	36RB#16	20.16	20.42	38.5	PASS
Band7	15MHz	16QAM	21100	36RB#35	20.17	20.43	38.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.06	20.32	38.5	PASS

Band7	15MHz	16QAM	21375	1RB#0	21.62	21.88	38.5	PASS
Band7	15MHz	16QAM	21375	1RB#37	21.58	21.84	38.5	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.72	21.98	38.5	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.12	20.38	38.5	PASS
Band7	15MHz	16QAM	21375	36RB#16	20.18	20.44	38.5	PASS
Band7	15MHz	16QAM	21375	36RB#35	20.19	20.45	38.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.19	20.45	38.5	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.21	22.47	38.5	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.15	22.41	38.5	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.65	22.91	38.5	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.05	21.31	38.5	PASS
Band7	20MHz	QPSK	20850	50RB#24	21.14	21.4	38.5	PASS
Band7	20MHz	QPSK	20850	50RB#49	21.23	21.49	38.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.11	21.37	38.5	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.03	22.29	38.5	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.03	22.29	38.5	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.13	22.39	38.5	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.98	21.24	38.5	PASS
Band7	20MHz	QPSK	21100	50RB#24	21.05	21.31	38.5	PASS
Band7	20MHz	QPSK	21100	50RB#49	21.07	21.33	38.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.07	21.33	38.5	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.13	22.39	38.5	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.15	22.41	38.5	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.12	22.38	38.5	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.13	21.39	38.5	PASS
Band7	20MHz	QPSK	21350	50RB#24	21.01	21.27	38.5	PASS
Band7	20MHz	QPSK	21350	50RB#49	21.03	21.29	38.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.14	21.4	38.5	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.67	20.93	38.5	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.74	21	38.5	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.55	21.81	38.5	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.37	20.63	38.5	PASS
Band7	20MHz	16QAM	20850	50RB#24	20.40	20.66	38.5	PASS
Band7	20MHz	16QAM	20850	50RB#49	20.40	20.66	38.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.18	20.44	38.5	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.47	21.73	38.5	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.48	21.74	38.5	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.60	21.86	38.5	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.18	20.44	38.5	PASS
Band7	20MHz	16QAM	21100	50RB#24	20.09	20.35	38.5	PASS
Band7	20MHz	16QAM	21100	50RB#49	20.10	20.36	38.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.14	20.4	38.5	PASS

Band7	20MHz	16QAM	21350	1RB#0	20.96	21.22	38.5	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.94	21.2	38.5	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.99	21.25	38.5	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.28	20.54	38.5	PASS
Band7	20MHz	16QAM	21350	50RB#24	20.30	20.56	38.5	PASS
Band7	20MHz	16QAM	21350	50RB#49	20.31	20.57	38.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.15	20.41	38.5	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For Band 7)

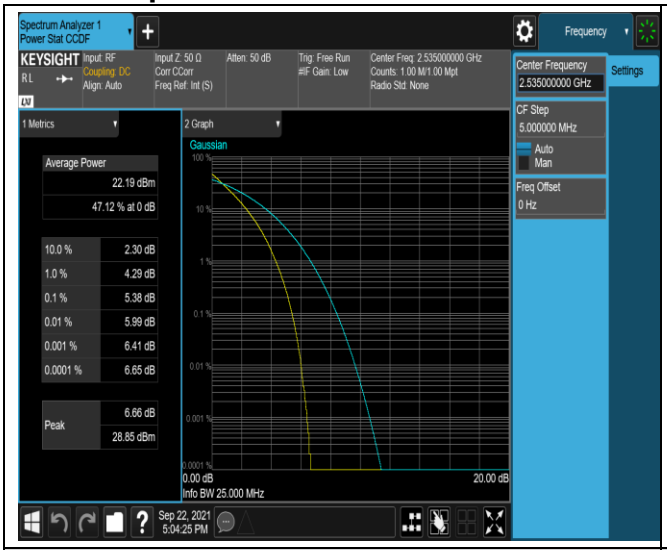
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

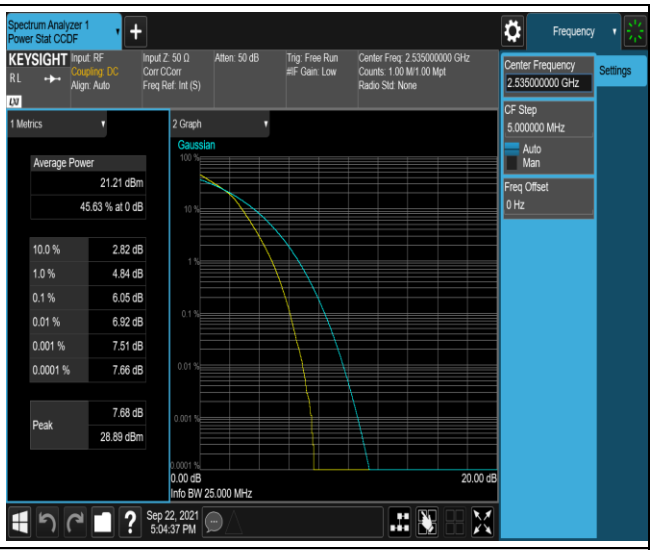
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	5.38	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.05	13	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs



Band7-20MHz-QPSK-21100-100RB#0



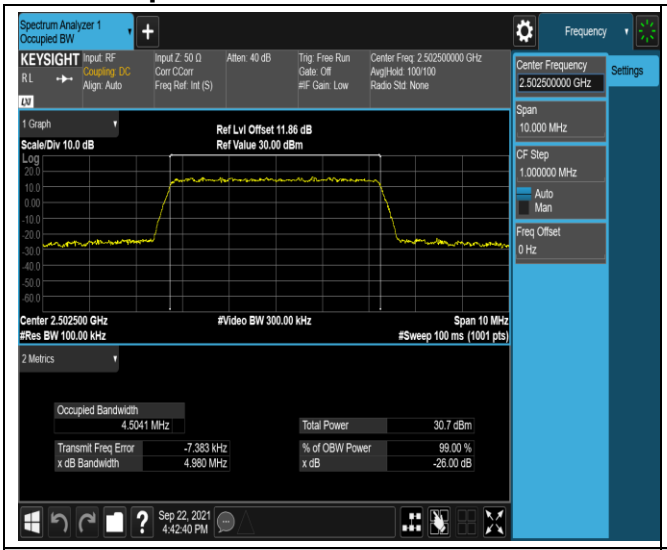
Band7-20MHz-16QAM-21100-100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

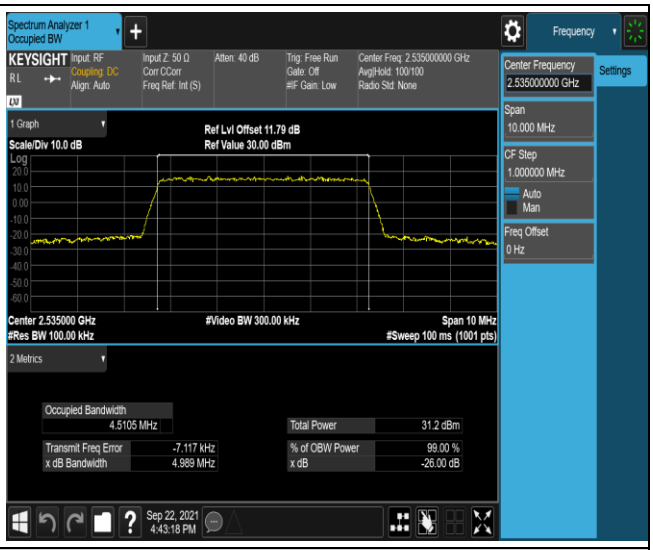
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5041	4.980	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5105	4.989	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5043	4.979	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5001	4.969	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5074	4.976	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5143	4.991	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9989	9.877	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0173	9.914	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9772	9.872	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0065	9.932	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0021	9.920	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0049	9.897	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.512	14.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.537	14.99	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.456	14.90	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.500	14.91	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.526	14.96	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.501	15.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.976	19.69	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.050	19.89	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.954	19.61	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.988	19.62	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.052	19.82	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.986	19.83	PASS

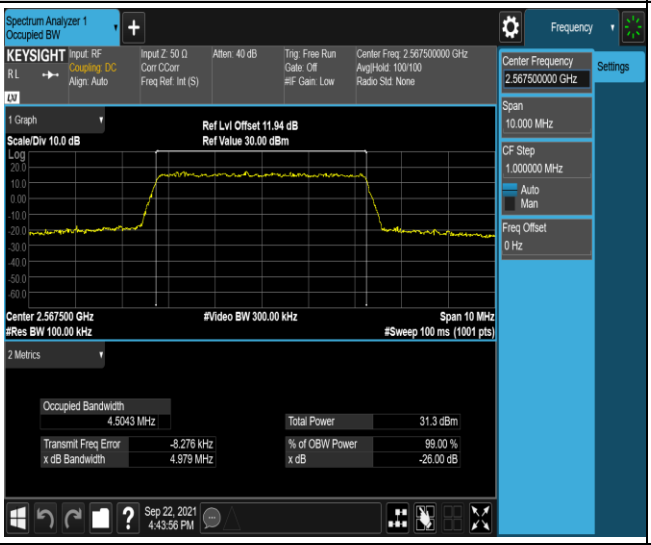
Test Graphs



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-25RB#0



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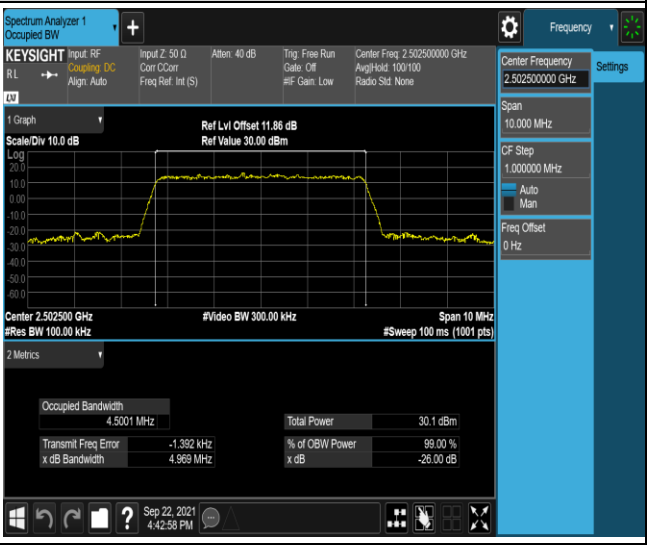
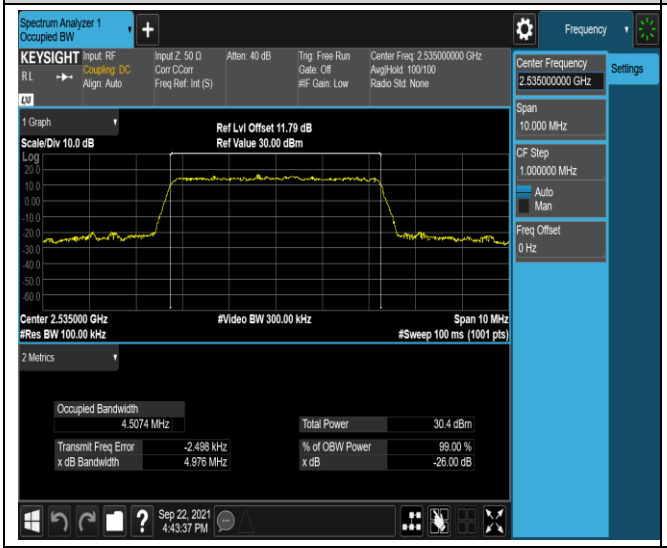
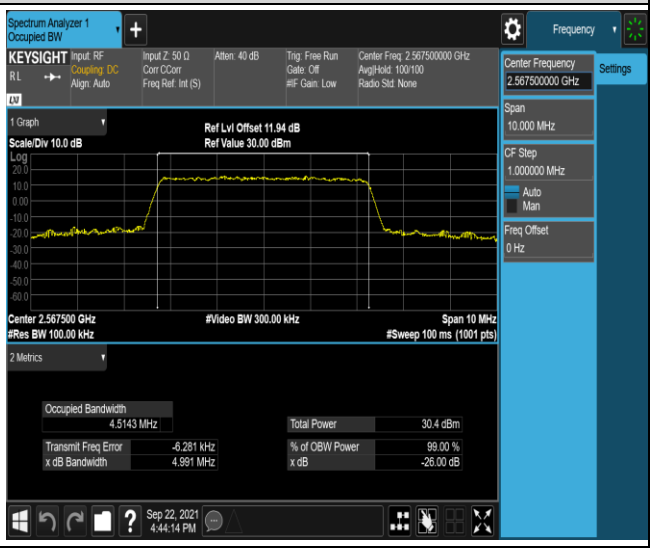


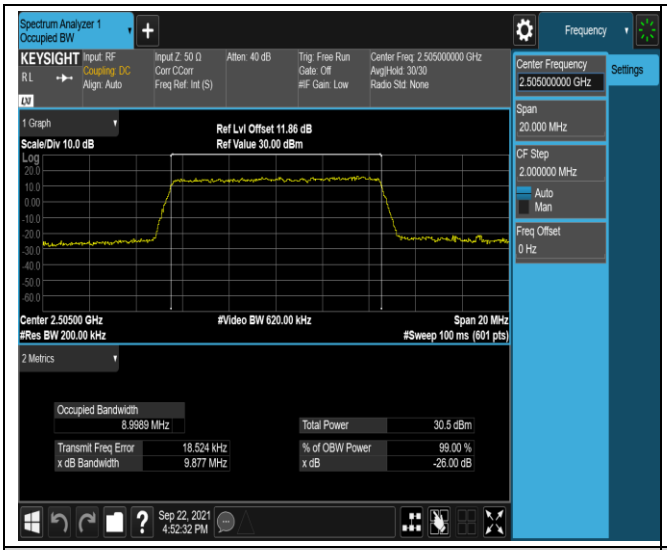
Band7-5MHz-16QAM-20775-25RB#0



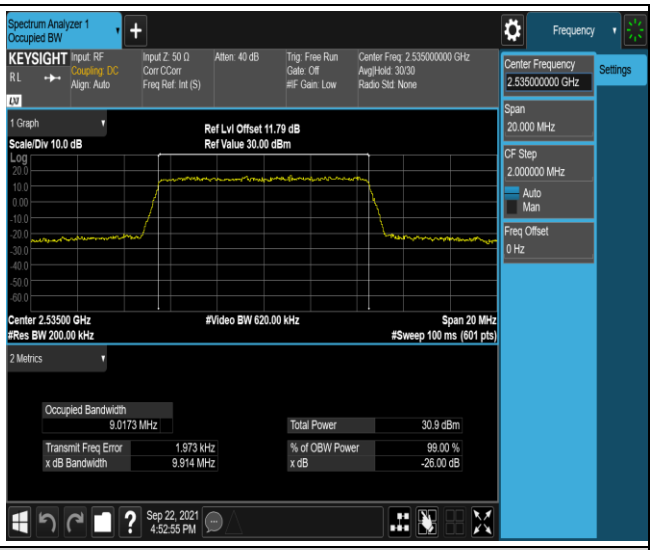
Band7-5MHz-16QAM-21100-25RB#0



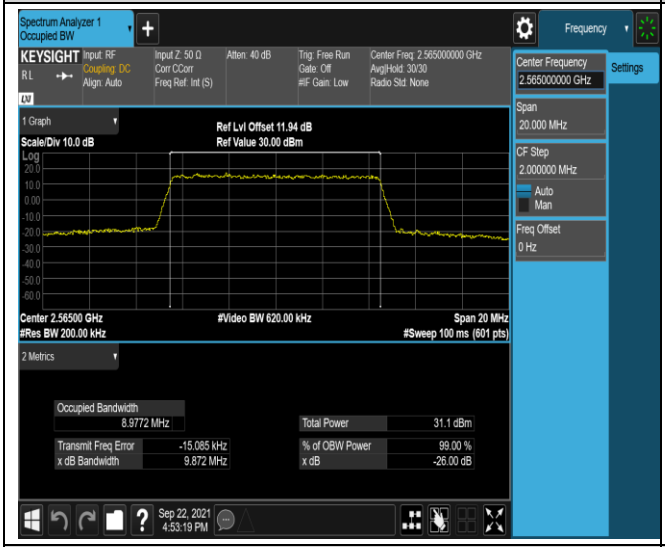
Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-50RB#0



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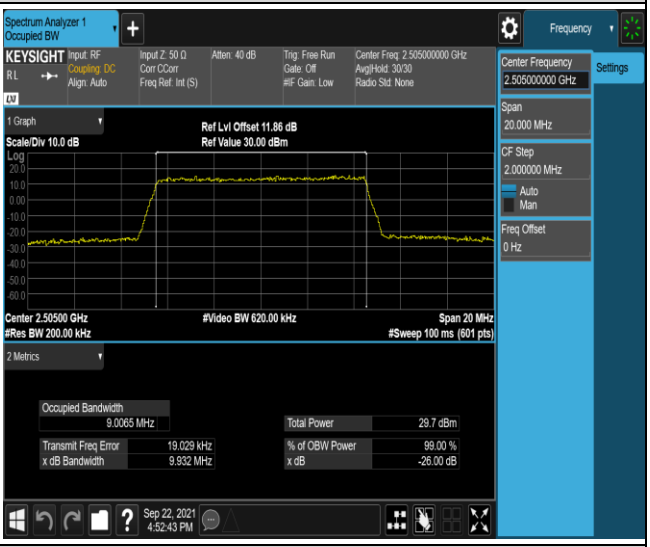
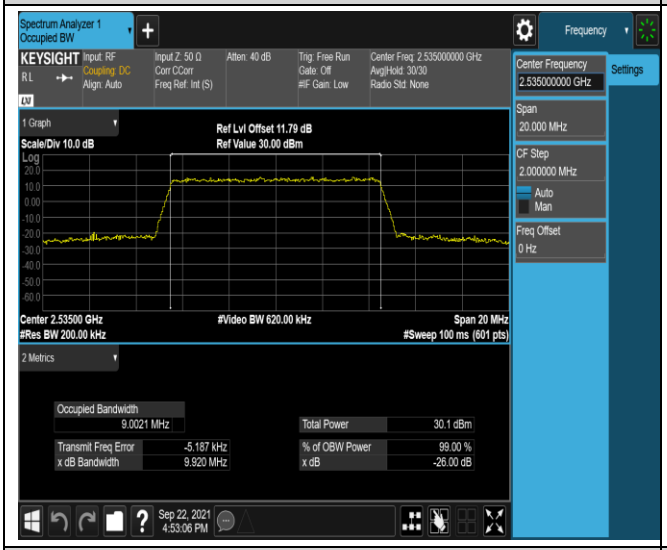


Band7-10MHz-16QAM-20800-50RB#0



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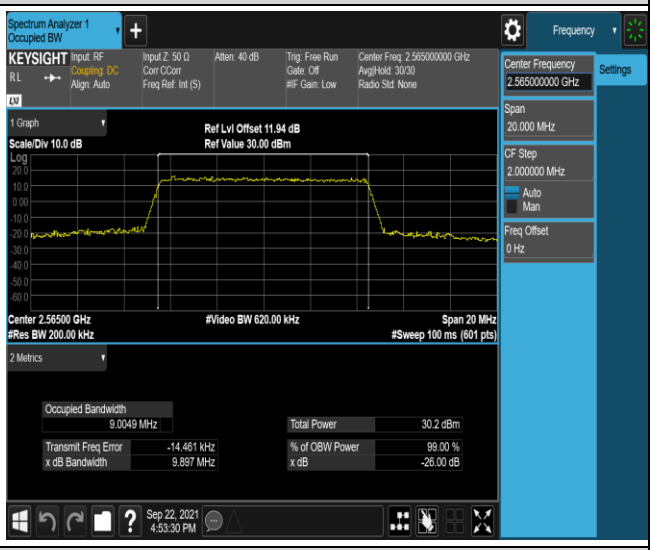

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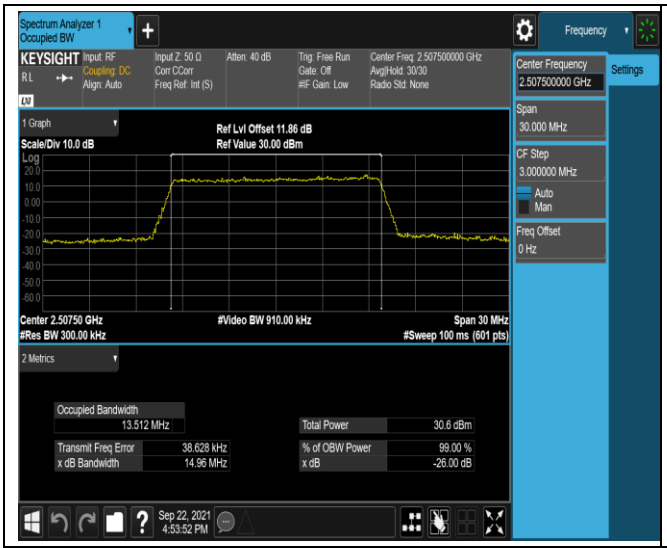
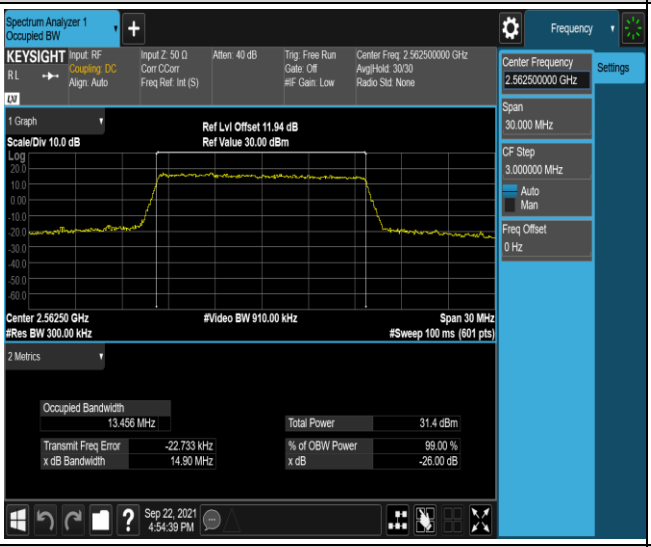


Band7-15MHz-QPSK-20825-75RB#0

Band7-15MHz-QPSK-21100-75RB#0



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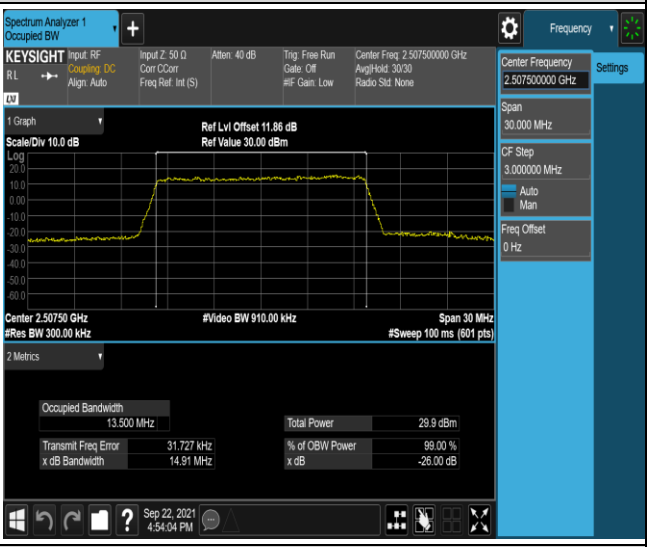

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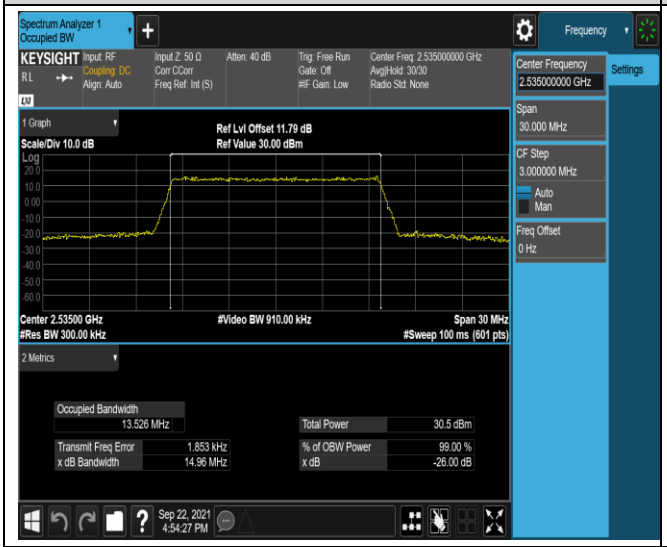

Band7-15MHz-16QAM-21100-75RB#0

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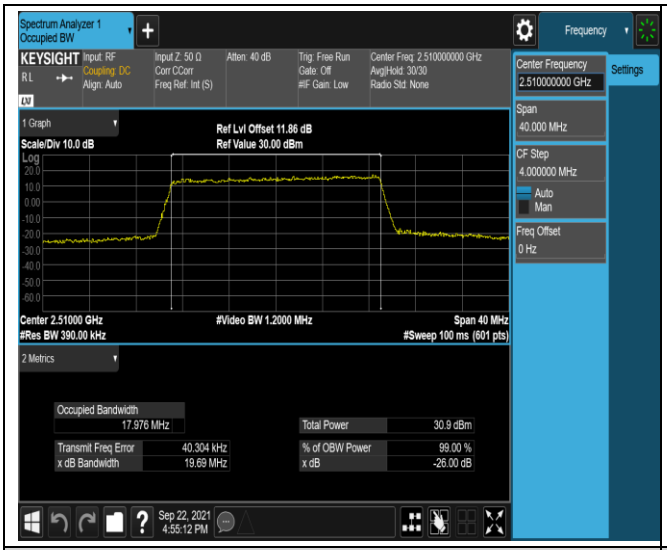
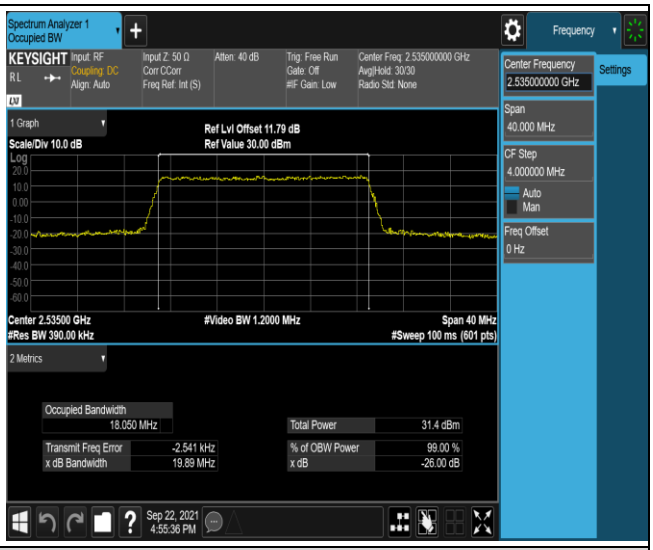


Band7-20MHz-QPSK-20850-100RB#0



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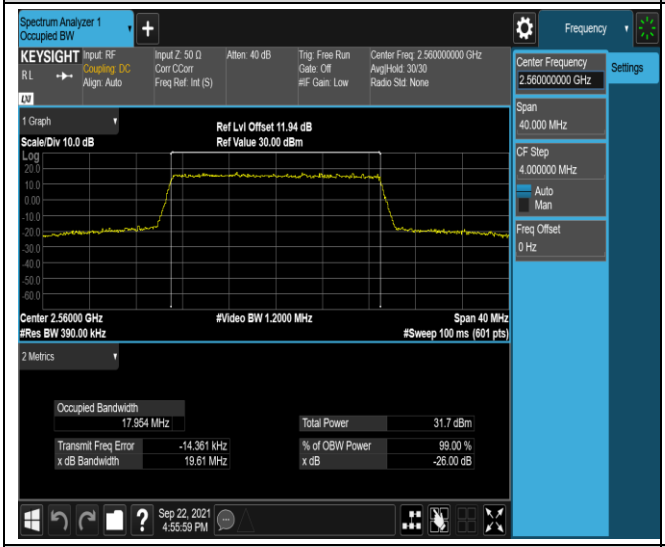
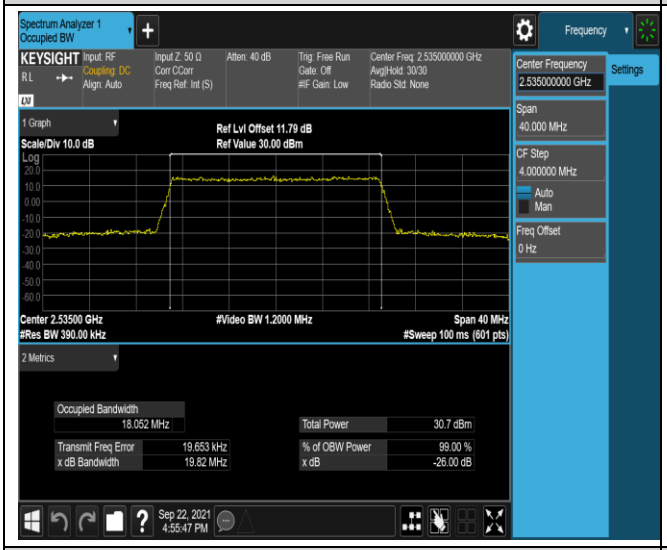
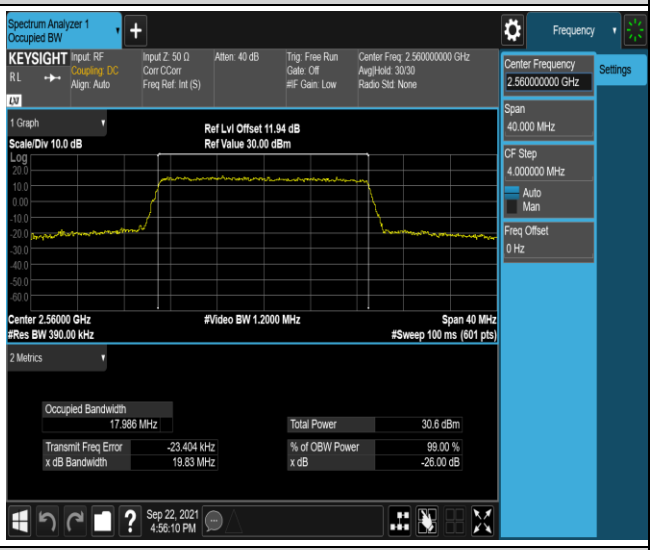


Band7-20MHz-QPSK-21350-100RB#0

Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0

Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-48.55,-46.77,-40.05,-27.33	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.75,-46.19,-43.29,-45.19	PASS
Band7	5MHz	QPSK	20775	25RB#0	-41.77,-35.18,-28.94,-33.32	PASS
Band7	5MHz	QPSK	21425	1RB#0	-46.83,-40.71,-49.49,-49.70	PASS
Band7	5MHz	QPSK	21425	1RB#24	-29.01,-39.04,-48.26,-47.16	PASS
Band7	5MHz	QPSK	21425	25RB#0	-30.27,-25.83,-38.94,-39.81	PASS
Band7	5MHz	16QAM	20775	1RB#0	-49.22,-47.42,-41.60,-28.30	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.07,-44.25,-43.36,-45.94	PASS
Band7	5MHz	16QAM	20775	25RB#0	-42.72,-37.28,-28.25,-33.36	PASS
Band7	5MHz	16QAM	21425	1RB#0	-48.00,-42.42,-49.84,-49.98	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.74,-40.24,-48.74,-48.70	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.78,-26.40,-39.29,-41.38	PASS
Band7	20MHz	QPSK	20850	1RB#0	-49.99,-38.22,-43.24,-38.94	PASS
Band7	20MHz	QPSK	20850	1RB#99	-39.14,-40.34,-48.63,-60.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.05,-32.96,-31.21,-34.83	PASS
Band7	20MHz	QPSK	21350	1RB#0	-59.44,-48.42,-40.46,-51.15	PASS
Band7	20MHz	QPSK	21350	1RB#99	-39.03,-42.89,-38.36,-51.17	PASS
Band7	20MHz	QPSK	21350	100RB#0	-31.27,-27.78,-29.98,-49.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	-50.20,-39.30,-44.37,-40.83	PASS
Band7	20MHz	16QAM	20850	1RB#99	-38.82,-40.86,-49.01,-58.13	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.62,-33.31,-32.32,-36.19	PASS
Band7	20MHz	16QAM	21350	1RB#0	-60.34,-48.69,-41.39,-51.17	PASS
Band7	20MHz	16QAM	21350	1RB#99	-37.98,-43.90,-38.82,-51.20	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.69,-29.22,-30.86,-50.24	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.