

LTE Band71 Test Data

Report No. ENS2209290160W00204R Page 20 and Page 22
Appendix A: Effective (Isotropic) Radiated Power Output Data

Report No. ENS2209290160W00204R Page 40
Appendix B: Peak-to-Average Ratio

Report No. ENS2209290160W00204R Page 25
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Report No. ENS2209290160W00204R Page 26
Appendix D: Band Edge

Report No. ENS2209290160W00204R Page 28
Appendix E: Conducted Spurious Emission

Report No. ENS2209290160W00204R Page 39
Appendix F: Frequency Stability

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.80	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.15	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.94	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.96	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.95	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.04	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.00	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.88	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.76	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.85	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.76	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.81	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.74	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.84	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.08	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.96	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.01	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.01	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.14	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.97	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.74	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.63	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.77	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.94	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.20	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.13	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.19	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.54	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.56	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.95	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.84	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.84	PASS

Band71	5MHz	16QAM	133297	12RB#13	20.87	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.83	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.10	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.11	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.74	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.98	PASS
Band71	5MHz	16QAM	133447	12RB#6	21.01	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.11	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.05	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.79	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.21	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.99	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.19	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.16	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.08	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.10	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.08	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.81	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.04	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.04	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.92	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.99	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.98	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.61	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.13	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.19	PASS
Band71	10MHz	QPSK	133422	25RB#12	22.18	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.33	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.12	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.06	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.23	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.85	PASS
Band71	10MHz	16QAM	133172	25RB#0	21.03	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.19	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.85	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.05	PASS

Band71	10MHz	16QAM	133297	1RB#0	21.74	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.33	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.09	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.08	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.98	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.97	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.02	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.94	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.19	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.45	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.26	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.26	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.24	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.21	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.96	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.90	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.02	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.56	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.15	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.97	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.06	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.65	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.08	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.80	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.82	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.06	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.06	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.99	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.85	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.14	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.45	PASS
Band71	15MHz	QPSK	133397	38RB#0	22.21	PASS
Band71	15MHz	QPSK	133397	38RB#18	23.02	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.96	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.11	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.03	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.09	PASS

Band71	15MHz	16QAM	133197	1RB#74	22.18	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.55	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.81	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.97	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.18	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.91	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.03	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.16	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.82	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.00	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.42	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.97	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.15	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.35	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.47	PASS
Band71	15MHz	16QAM	133397	38RB#0	22.24	PASS
Band71	15MHz	16QAM	133397	38RB#18	23.02	PASS
Band71	15MHz	16QAM	133397	38RB#37	22.43	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.09	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.85	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.24	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.77	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.02	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.00	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.11	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.10	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.80	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.26	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.97	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.00	PASS
Band71	20MHz	QPSK	133322	50RB#25	21.94	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.15	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.04	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.75	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.88	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.23	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.95	PASS

Band71	20MHz	QPSK	133372	50RB#25	21.96	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.16	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.07	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.13	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.41	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.12	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.15	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.14	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.09	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.02	PASS
Band71	20MHz	16QAM	133322	1RB#0	22.18	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.39	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.57	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.92	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.93	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.01	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.10	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.72	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.07	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.14	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.07	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.07	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.17	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.12	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.59	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.94	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.22	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	5.47	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	5.71	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.02	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	5.97	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.21	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.00	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.16	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.62	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	5.96	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.48	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.63	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	4.74	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.18	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.41	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	5.86	13	PASS

Test Graphs

Band71-5MHz-QPSK-133147-25RB#0



Band71-5MHz-QPSK-133297-25RB#0



Band71-5MHz-QPSK-133447-25RB#0



Band71-5MHz-16QAM-133147-25RB#0



Band71-5MHz-16QAM-133297-25RB#0



Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-16QAM-133172-50RB#0



Band71-10MHz-16QAM-133297-50RB#0



Band71-10MHz-16QAM-133422-50RB#0



Band71-15MHz-16QAM-133197-75RB#0



Band71-15MHz-16QAM-133297-75RB#0



Band71-15MHz-16QAM-133397-75RB#0



Band71-20MHz-QPSK-133222-100RB#0



Band71-20MHz-QPSK-133322-100RB#0



Band71-20MHz-QPSK-133372-100RB#0



Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133322-100RB#0



Band71-20MHz-16QAM-133372-100RB#0



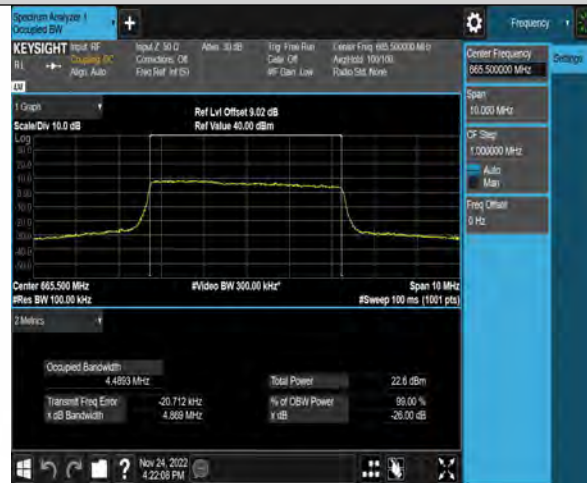
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.4893	4.869	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.4989	4.875	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5100	4.861	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.4914	4.827	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5049	4.902	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5073	4.878	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9843	9.530	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0262	9.603	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9742	9.557	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9731	9.504	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0177	9.564	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9769	9.547	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.486	14.30	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.526	14.27	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.348	14.21	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.480	14.24	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.518	14.22	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.336	14.22	PASS
Band71	20MHz	QPSK	133222	100RB#0	18.022	18.95	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.507	18.87	PASS
Band71	20MHz	16QAM	133222	100RB#0	18.003	18.98	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.522	18.86	PASS

Test Graphs

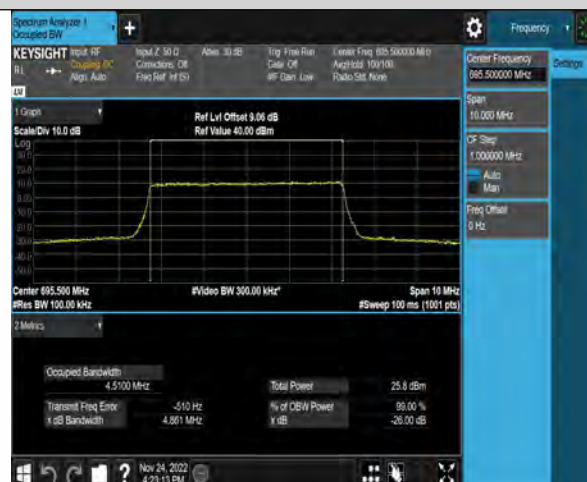
Band71-5MHz-QPSK-133147-25RB#0



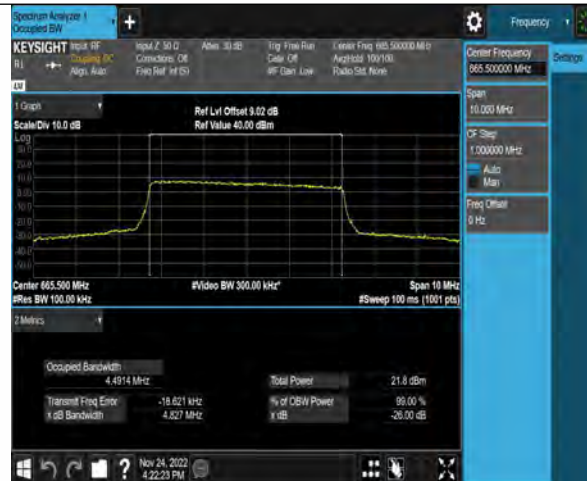
Band71-5MHz-QPSK-133297-25RB#0



Band71-5MHz-QPSK-133447-25RB#0



Band71-5MHz-16QAM-133147-25RB#0



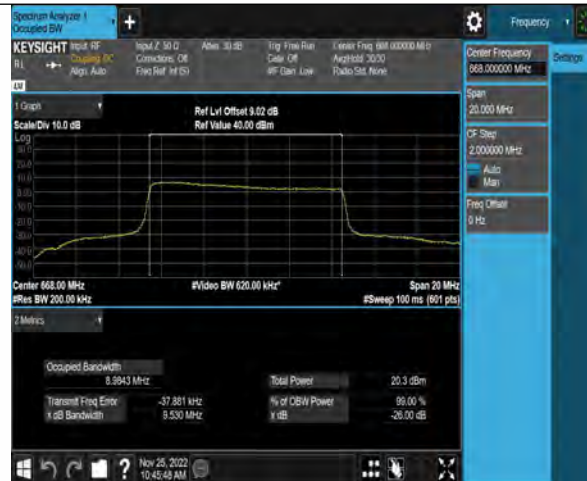
Band71-5MHz-16QAM-133297-25RB#0



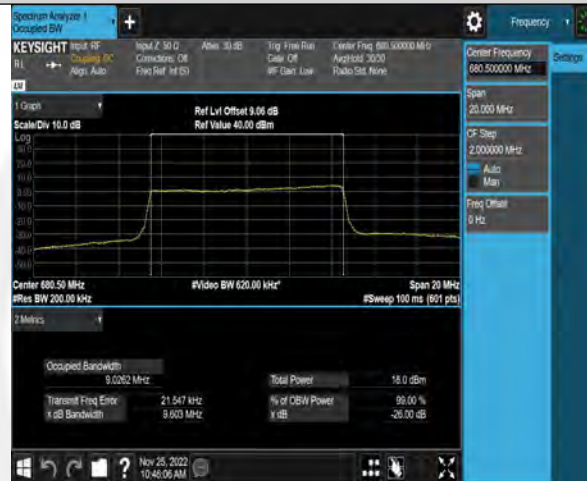
Band71-5MHz-16QAM-133447-25RB#0



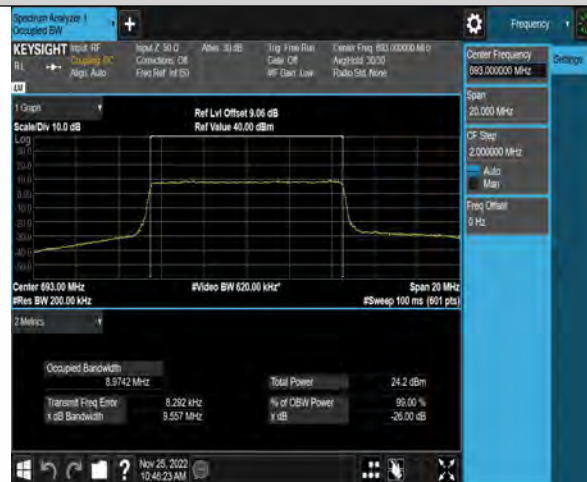
Band71-10MHz-QPSK-133172-50RB#0



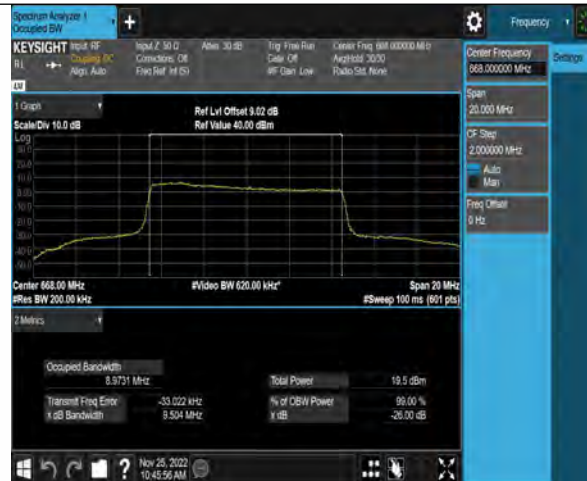
Band71-10MHz-QPSK-133297-50RB#0



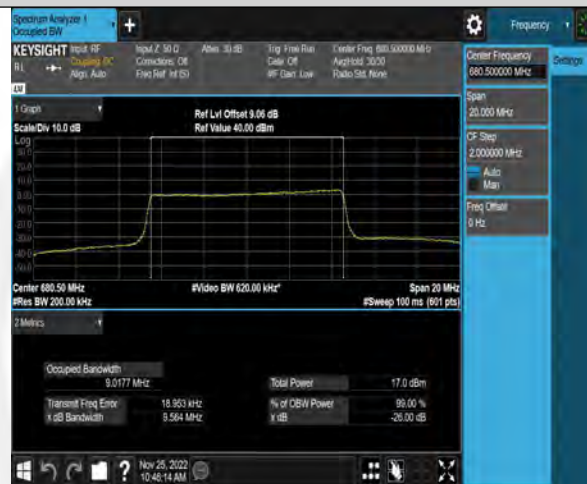
Band71-10MHz-QPSK-133422-50RB#0



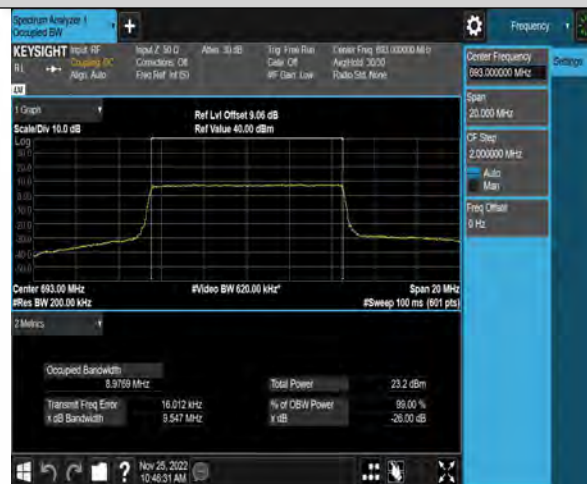
Band71-10MHz-16QAM-133172-50RB#0



Band71-10MHz-16QAM-133297-50RB#0



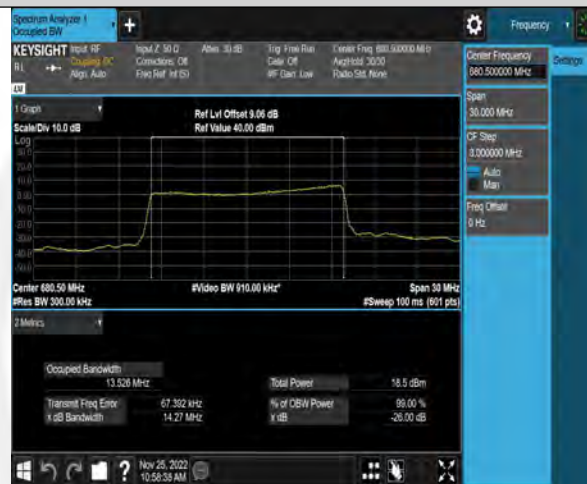
Band71-10MHz-16QAM-133422-50RB#0



Band71-15MHz-QPSK-133197-75RB#0



Band71-15MHz-QPSK-133297-75RB#0



Band71-15MHz-QPSK-133397-75RB#0



Band71-15MHz-16QAM-133197-75RB#0



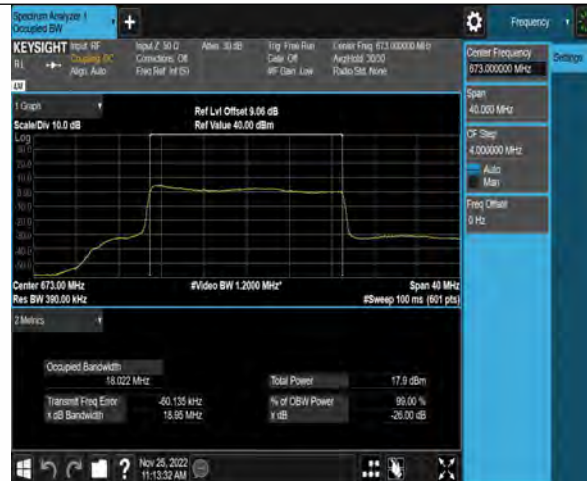
Band71-15MHz-16QAM-133297-75RB#0



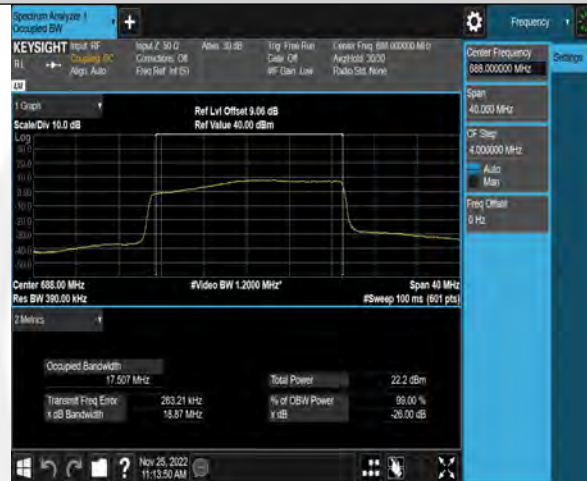
Band71-15MHz-16QAM-133397-75RB#0



Band71-20MHz-QPSK-133222-100RB#0



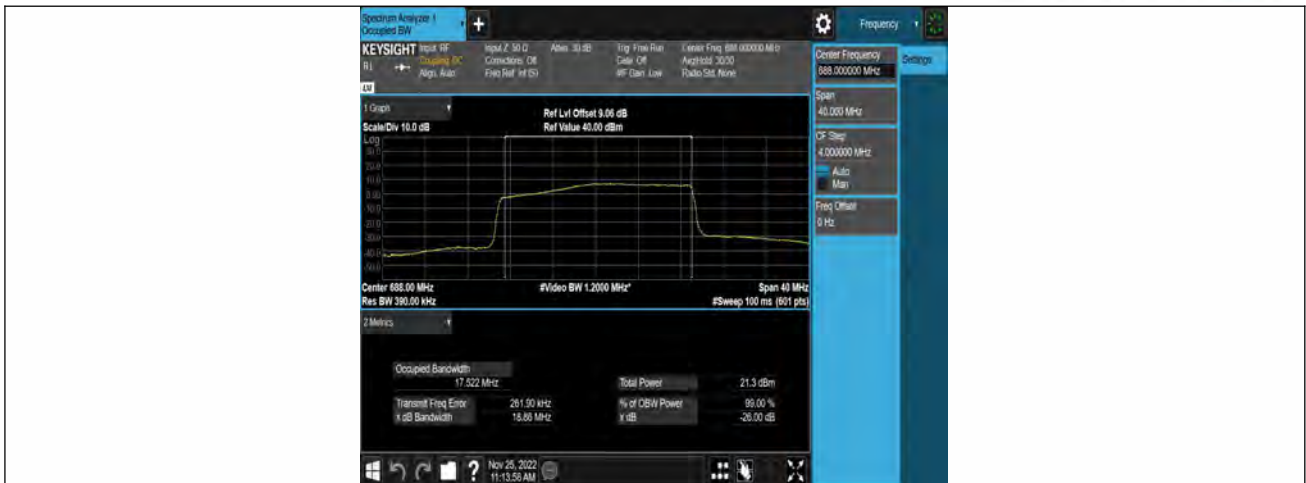
Band71-20MHz-QPSK-133372-100RB#0



Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133372-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-19.15	PASS
Band71	5MHz	QPSK	133147	1RB#24	-55.80	PASS
Band71	5MHz	QPSK	133147	25RB#0	-23.30	PASS
Band71	5MHz	QPSK	133447	1RB#0	-53.41	PASS
Band71	5MHz	QPSK	133447	1RB#24	-15.82	PASS
Band71	5MHz	QPSK	133447	25RB#0	-22.49	PASS
Band71	5MHz	16QAM	133147	1RB#0	-20.20	PASS
Band71	5MHz	16QAM	133147	1RB#24	-56.76	PASS
Band71	5MHz	16QAM	133147	25RB#0	-24.39	PASS
Band71	5MHz	16QAM	133447	1RB#0	-52.97	PASS
Band71	5MHz	16QAM	133447	1RB#24	-17.43	PASS
Band71	5MHz	16QAM	133447	25RB#0	-23.36	PASS
Band71	10MHz	QPSK	133172	50RB#0	-26.88	PASS
Band71	10MHz	QPSK	133422	50RB#0	-25.57	PASS
Band71	10MHz	16QAM	133172	50RB#0	-28.63	PASS
Band71	10MHz	16QAM	133422	50RB#0	-26.96	PASS
Band71	15MHz	QPSK	133197	75RB#0	-27.65	PASS
Band71	15MHz	QPSK	133397	75RB#0	-26.35	PASS
Band71	15MHz	16QAM	133197	75RB#0	-29.78	PASS
Band71	15MHz	16QAM	133397	75RB#0	-28.20	PASS
Band71	20MHz	QPSK	133222	100RB#0	-29.99	PASS
Band71	20MHz	QPSK	133372	100RB#0	-27.36	PASS
Band71	20MHz	16QAM	133222	100RB#0	-31.43	PASS
Band71	20MHz	16QAM	133372	100RB#0	-29.21	PASS

Test Graphs

Band71-5MHz-QPSK-133147-1RB#0



Band71-5MHz-QPSK-133147-1RB#24



Band71-5MHz-QPSK-133147-25RB#0



Band71-5MHz-QPSK-133447-1RB#0



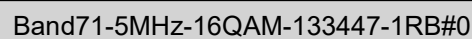
Band71-5MHz-QPSK-133447-1RB#24



Band71-5MHz-QPSK-133447-25RB#0



Band71-5MHz-16QAM-133147-1RB#0





Band71-5MHz-16QAM-133447-1RB#24



Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-QPSK-133172-50RB#0









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-45.46	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-45.57	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-36.22	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-36.32	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-44.94	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-46.01	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-36.1	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-45.05	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-36.36	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range1:30~1000MHz	-46.04	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-35.73	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range1:30~1000MHz	-45.24	PASS

					00MHz		
Band71	10MHz	QPSK	133422	1RB#0	Range2:1000~10000MHz	-35.58	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range1:30~1000MHz	-45.87	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range2:1000~10000MHz	-35.48	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-45.52	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-36.35	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range1:30~1000MHz	-45.58	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range2:1000~10000MHz	-35.78	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range1:30~1000MHz	-46.03	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range2:1000~10000MHz	-36.32	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-45.68	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-36.67	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range1:30~1000MHz	-45.87	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range2:1000~10000MHz	-35.71	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range1:30~1000MHz	-44.47	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range2:1000~10000MHz	-36.96	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-36.15	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range1:30~1000MHz	-45.83	PASS

Band71	15MHz	16QAM	133397	1RB#0	Range2:1000~10000MHz	-37.07	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-45.29	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-35.24	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-46.48	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-35.97	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-35.99	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-45.84	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-35.95	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-44.61	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-36.41	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-36.25	PASS

Test Graphs

Band71-5MHz-QPSK-133147-1RB#0-Range1:30~1000MHz



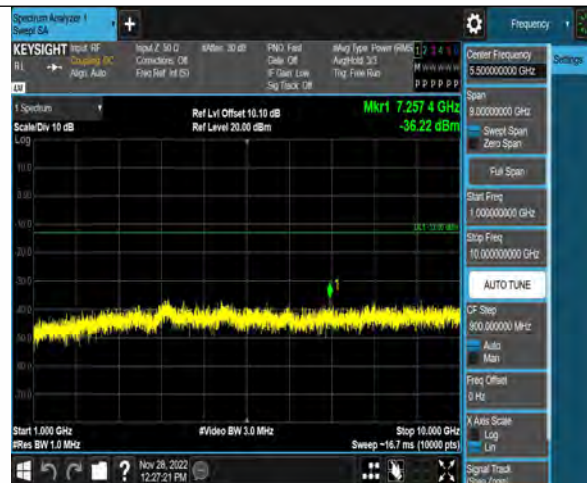
Band71-5MHz-QPSK-133147-1RB#0-Range2:1000~10000MHz



Band71-5MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



Band71-5MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



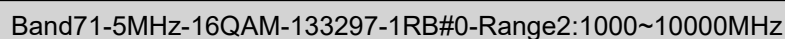
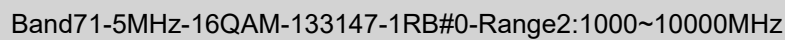
Band71-5MHz-QPSK-133447-1RB#0-Range1:30~1000MHz



Band71-5MHz-QPSK-133447-1RB#0-Range2:1000~10000MHz



Band71-5MHz-16QAM-133147-1RB#0-Range1:30~1000MHz





Band71-5MHz-16QAM-133447-1RB#0-Range1:30~1000MHz



Band71-5MHz-16QAM-133447-1RB#0-Range2:1000~10000MHz



Band71-10MHz-QPSK-133172-1RB#0-Range1:30~1000MHz



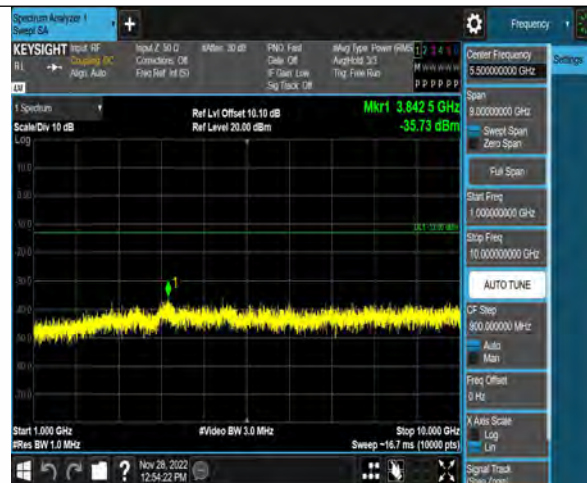
Band71-10MHz-QPSK-133172-1RB#0-Range2:1000~10000MHz



Band71-10MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



Band71-10MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



Band71-10MHz-QPSK-133422-1RB#0-Range1:30~1000MHz



Band71-10MHz-QPSK-133422-1RB#0-Range2:1000~10000MHz



Band71-10MHz-16QAM-133172-1RB#0-Range1:30~1000MHz



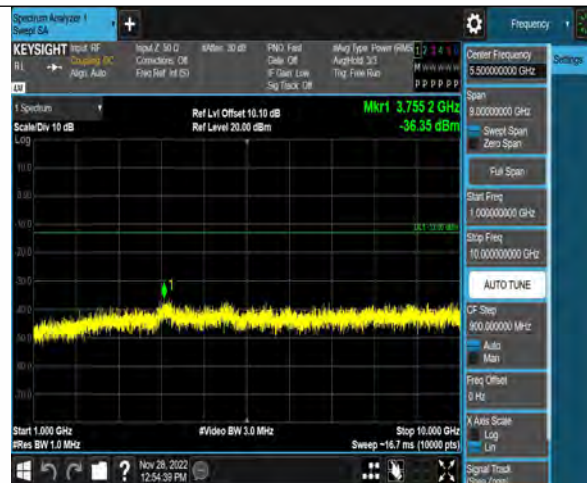
Band71-10MHz-16QAM-133172-1RB#0-Range2:1000~10000MHz



Band71-10MHz-16QAM-133297-1RB#0-Range1:30~1000MHz



Band71-10MHz-16QAM-133297-1RB#0-Range2:1000~10000MHz



Band71-10MHz-16QAM-133422-1RB#0-Range1:30~1000MHz



Band71-10MHz-16QAM-133422-1RB#0-Range2:1000~10000MHz



Band71-15MHz-QPSK-133197-1RB#0-Range1:30~1000MHz



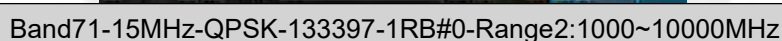
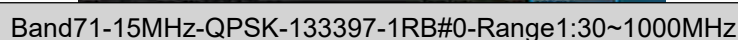
Band71-15MHz-QPSK-133197-1RB#0-Range2:1000~10000MHz



Band71-15MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



Band71-15MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz





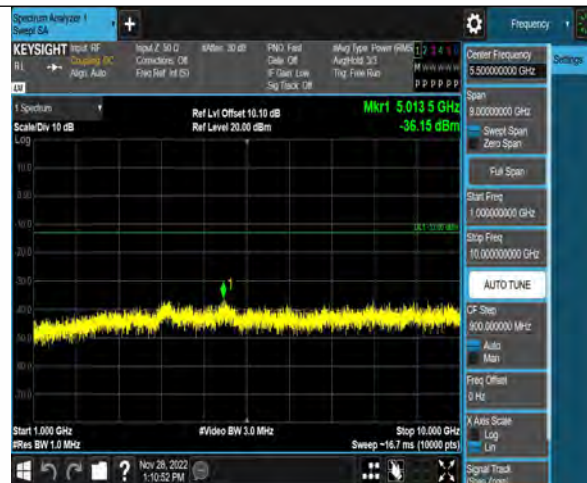
Band71-15MHz-16QAM-133197-1RB#0-Range2:1000~10000MHz



Band71-15MHz-16QAM-133297-1RB#0-Range1:30~1000MHz



Band71-15MHz-16QAM-133297-1RB#0-Range2:1000~10000MHz



Band71-15MHz-16QAM-133397-1RB#0-Range1:30~1000MHz



Band71-15MHz-16QAM-133397-1RB#0-Range2:1000~10000MHz



Band71-20MHz-QPSK-133222-1RB#0-Range1:30~1000MHz



Band71-20MHz-QPSK-133222-1RB#0-Range2:1000~10000MHz



Band71-20MHz-QPSK-133322-1RB#0-Range1:30~1000MHz



Band71-20MHz-QPSK-133322-1RB#0-Range2:1000~10000MHz



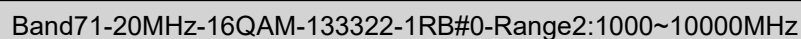
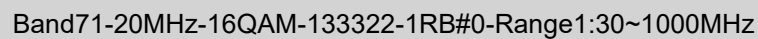
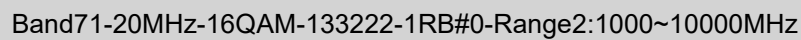
Band71-20MHz-QPSK-133372-1RB#0-Range1:30~1000MHz



Band71-20MHz-QPSK-133372-1RB#0-Range2:1000~10000MHz



Band71-20MHz-16QAM-133222-1RB#0-Range1:30~1000MHz





Band71-20MHz-16QAM-133372-1RB#0-Range1:30~1000MHz



Band71-20MHz-16QAM-133372-1RB#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
Band71	5MHz	QPSK	133147	25RB#0	VL	NT	-2.39	-0.003591	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	VN	NT	-2.86	-0.004298	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	VH	NT	1.32	0.001983	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VL	NT	2.39	0.003512	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VN	NT	1.70	0.002498	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VH	NT	-2.69	-0.003953	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	VL	NT	-2.27	-0.003264	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	VN	NT	-2.26	-0.003249	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	VH	NT	-2.96	-0.004256	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	VL	NT	-1.62	-0.002434	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	VN	NT	-2.42	-0.003636	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	VH	NT	-2.95	-0.004433	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VL	NT	-2.62	-0.003850	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VN	NT	-2.52	-0.003703	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VH	NT	-2.60	-0.003821	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	VL	NT	-2.86	-0.004112	±2.5	PASS

Band71	5MHz	16QAM	133447	25RB#0	VN	NT	-2.15	-0.0030 91	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	VH	NT	2.05	0.00294 8	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VL	NT	-2.95	-0.0044 16	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VN	NT	1.66	0.00248 5	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VH	NT	-2.25	-0.0033 68	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VL	NT	-2.59	-0.0038 06	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VN	NT	3.46	0.00508 4	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VH	NT	-2.12	-0.00311 5	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VL	NT	-3.13	-0.0045 17	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VN	NT	1.92	0.00277 1	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VH	NT	-1.12	-0.0016 16	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	VL	NT	-1.59	-0.0023 80	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	VN	NT	1.47	0.00220 1	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	VH	NT	3.25	0.00486 5	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	VL	NT	2.20	0.00323 3	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	VN	NT	2.62	0.00385 0	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	VH	NT	1.07	0.00157 2	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	VL	NT	1.66	0.00239 5	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	VN	NT	-2.46	-0.0035	±2.5	PASS

								50		
Band71	10MHz	16QAM	133422	50RB#0	VH	NT	-3.49	-0.0050 36	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	VL	NT	-1.95	-0.0029 08	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	VN	NT	-1.95	-0.0029 08	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	VH	NT	-1.27	-0.0018 94	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VL	NT	-4.92	-0.0072 30	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VN	NT	3.19	0.00468 8	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VH	NT	-1.76	-0.0025 86	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	VL	NT	-2.42	-0.0035 05	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	VN	NT	-2.03	-0.0029 40	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	VH	NT	-1.82	-0.0026 36	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	VL	NT	1.30	0.00193 9	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	VN	NT	-4.22	-0.0062 94	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	VH	NT	-1.30	-0.0019 39	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VL	NT	3.29	0.00483 5	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VN	NT	2.30	0.00338 0	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VH	NT	-1.93	-0.0028 36	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	VL	NT	2.03	0.00294 0	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	VN	NT	-2.32	-0.0033 60	±2.5	PASS

Band71	15MHz	16QAM	133397	75RB#0	VH	NT	-2.68	-0.0038 81	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VL	NT	-2.23	-0.0033 14	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VN	NT	0.77	0.00114 4	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VH	NT	-3.08	-0.0045 77	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-1.95	-0.0028 55	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	3.19	0.00467 1	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-3.93	-0.0057 54	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VL	NT	1.86	0.00270 3	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VN	NT	2.79	0.00405 5	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VH	NT	-2.19	-0.0031 83	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VL	NT	2.39	0.00355 1	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VN	NT	-4.73	-0.0070 28	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VH	NT	-1.83	-0.0027 19	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VL	NT	3.49	0.00511 0	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VN	NT	-2.66	-0.0038 95	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VH	NT	-2.19	-0.0032 06	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VL	NT	-2.65	-0.0038 52	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VN	NT	-2.35	-0.0034 16	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VH	NT	1.80	0.00261	±2.5	PASS

								6		
--	--	--	--	--	--	--	--	---	--	--

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	NV	-30	-2.78	-0.004177	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	-20	1.63	0.002449	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	-10	-3.00	-0.004508	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	0	-3.46	-0.005199	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	10	-2.72	-0.004087	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	20	-2.22	-0.003336	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	30	2.06	0.003095	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	40	-1.92	-0.002885	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	NV	50	-2.86	-0.004298	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	-30	-1.97	-0.002895	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	-20	2.46	0.003615	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	-10	-1.83	-0.002689	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	0	-2.09	-0.003071	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	10	-3.06	-0.004497	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	20	-3.32	-0.004879	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	30	2.00	0.002939	±2.5	PASS

Band71	5MHz	QPSK	133297	25RB#0	NV	40	1.57	0.002307	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	50	-2.53	-0.003718	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	-30	1.62	0.002329	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	-20	-2.35	-0.003379	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	-10	1.53	0.002200	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	0	-1.34	-0.001927	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	10	-2.69	-0.003868	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	20	-3.38	-0.004860	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	30	-2.82	-0.004055	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	40	-2.25	-0.003235	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	NV	50	-1.90	-0.002732	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	-30	-2.99	-0.004493	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	-20	-3.22	-0.004838	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	-10	-2.69	-0.004042	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	0	-3.39	-0.005094	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	10	-3.69	-0.005545	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	20	-3.55	-0.005334	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	30	-1.79	-0.002690	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	NV	40	-2.42	-0.0036	±2.5	PASS

								36		
Band71	5MHz	16QAM	133147	25RB#0	NV	50	-2.95	-0.0044 33	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	-30	-3.10	-0.0045 55	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	-20	-2.57	-0.0037 77	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	-10	-3.02	-0.0044 38	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	0	-2.25	-0.0033 06	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	10	1.17	0.00171 9	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	20	-1.43	-0.0021 01	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	30	-2.69	-0.0039 53	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	40	1.90	0.00279 2	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	50	-1.36	-0.0019 99	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	-30	-3.33	-0.0047 88	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	-20	-3.08	-0.0044 28	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	-10	0.76	0.00109 3	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	0	-2.53	-0.0036 38	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	10	-3.48	-0.0050 04	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	20	2.26	0.00324 9	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	30	-3.39	-0.0048 74	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	NV	40	-4.56	-0.0065 56	±2.5	PASS

Band71	5MHz	16QAM	133447	25RB#0	NV	50	-1.86	-0.002674	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	-30	-1.89	-0.002829	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	-20	-3.08	-0.004611	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	-10	-1.82	-0.002725	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	0	1.39	0.002081	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	10	-3.10	-0.004641	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	20	1.87	0.002799	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	30	-2.90	-0.004341	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	40	-3.28	-0.004910	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	50	1.93	0.002889	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	-30	2.13	0.003130	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	-20	-2.69	-0.003953	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	-10	2.92	0.004291	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	0	2.37	0.003483	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	10	1.30	0.001910	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	20	-2.25	-0.003306	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	30	-2.63	-0.003865	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	40	-1.69	-0.002483	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	50	1.83	0.00268	±2.5	PASS

								9		
Band71	10MHz	QPSK	133422	50RB#0	NV	-30	-1.96	-0.0028 28	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	-20	-2.49	-0.0035 93	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	-10	-2.65	-0.0038 24	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	0	-3.83	-0.0055 27	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	10	-3.81	-0.0054 98	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	20	-3.28	-0.0047 33	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	30	-2.47	-0.0035 64	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	40	-4.39	-0.0063 35	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	50	-3.88	-0.0055 99	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	-30	-2.19	-0.0032 78	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	-20	2.55	0.00381 7	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	-10	2.20	0.00329 3	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	0	3.00	0.00449 1	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	10	2.33	0.00348 8	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	20	1.49	0.00223 1	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	30	2.59	0.00387 7	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	40	2.40	0.00359 3	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	NV	50	-2.37	-0.0035 48	±2.5	PASS

Band71	10MHz	16QAM	133297	50RB#0	NV	-30	2.90	0.00426 2	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	-20	-2.62	-0.0038 50	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	-10	1.77	0.00260 1	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	0	-2.15	-0.0031 59	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	10	-0.99	-0.0014 55	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	20	2.40	0.00352 7	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	30	-1.70	-0.0024 98	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	40	2.06	0.00302 7	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	NV	50	-1.65	-0.0024 25	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	-30	-2.63	-0.0037 95	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	-20	-2.99	-0.0043 15	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	-10	1.87	0.00269 8	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	0	-3.19	-0.0046 03	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	10	-3.69	-0.0053 25	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	20	1.75	0.00252 5	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	30	1.95	0.00281 4	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	40	1.69	0.00243 9	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	NV	50	1.27	0.00183 3	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	-30	-3.69	-0.0055	±2.5	PASS

								03		
Band71	15MHz	QPSK	133197	75RB#0	NV	-20	-2.02	-0.0030 13	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	-10	-2.22	-0.00331 1	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	0	-2.86	-0.0042 65	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	10	-2.62	-0.0039 08	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	20	-1.70	-0.0025 35	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	30	-3.72	-0.0055 48	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	40	-1.40	-0.0020 88	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	NV	50	1.53	0.00228 2	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	-30	-4.12	-0.0060 54	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	-20	-1.73	-0.0025 42	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	-10	-1.56	-0.0022 92	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	0	1.62	0.00238 1	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	10	2.03	0.00298 3	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	20	-1.53	-0.0022 48	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	30	-2.96	-0.0043 50	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	40	1.87	0.00274 8	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	50	-2.40	-0.0035 27	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	-30	-2.17	-0.0031 43	±2.5	PASS

Band71	15MHz	QPSK	133397	75RB#0	NV	-20	-2.85	-0.0041 27	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	-10	-3.08	-0.0044 61	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	0	-2.33	-0.0033 74	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	10	-3.58	-0.0051 85	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	20	-4.25	-0.0061 55	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	30	-1.83	-0.0026 50	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	40	-2.96	-0.0042 87	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	NV	50	-2.26	-0.0032 73	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	-30	1.29	0.00192 4	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	-20	1.72	0.00256 5	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	-10	-2.29	-0.0034 15	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	0	-3.30	-0.0049 22	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	10	2.47	0.00368 4	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	20	2.33	0.00347 5	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	30	-2.42	-0.0036 09	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	40	-2.88	-0.0042 95	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	NV	50	-2.66	-0.0039 67	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	-30	1.59	0.00233 7	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	-20	1.83	0.00268	±2.5	PASS

								9		
Band71	15MHz	16QAM	133297	75RB#0	NV	-10	-1.67	-0.0024 54	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	0	2.19	0.00321 8	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	10	1.73	0.00254 2	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	20	1.12	0.00164 6	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	30	2.50	0.00367 4	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	40	-2.49	-0.0036 59	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	50	-2.70	-0.0039 68	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	-30	-1.23	-0.0017 81	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	-20	-1.16	-0.0016 80	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	-10	-3.52	-0.0050 98	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	0	-1.53	-0.0022 16	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	10	-4.16	-0.0060 25	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	20	2.46	0.00356 3	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	30	-4.13	-0.0059 81	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	40	-3.68	-0.0053 29	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	NV	50	-2.88	-0.0041 71	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-30	-2.05	-0.0030 46	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-20	-2.72	-0.0040 42	±2.5	PASS

Band71	20MHz	QPSK	133222	100RB#0	NV	-10	-3.13	-0.0046 51	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	0	-2.60	-0.0038 63	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	10	-1.96	-0.0029 12	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	20	-1.76	-0.0026 15	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	30	2.32	0.00344 7	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	40	-3.91	-0.0058 10	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	50	-3.00	-0.0044 58	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-3.30	-0.0048 32	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-3.20	-0.0046 85	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-2.53	-0.0037 04	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-3.03	-0.0044 36	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-2.37	-0.0034 70	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-3.19	-0.0046 71	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-1.90	-0.0027 82	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-4.25	-0.0062 23	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-3.66	-0.0053 59	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-30	-3.46	-0.0050 29	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-20	-2.88	-0.0041 86	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-10	-1.36	-0.0019	±2.5	PASS

								77		
Band71	20MHz	QPSK	133372	100RB#0	NV	0	2.07	0.003009	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	10	-3.53	-0.005131	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	20	-4.21	-0.006119	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	30	-1.17	-0.001701	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	40	-4.02	-0.005843	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	50	-3.36	-0.004884	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-30	-3.38	-0.005022	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-20	-1.76	-0.002615	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-10	2.50	0.003715	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	0	1.83	0.002719	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	10	-2.33	-0.003462	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	20	-2.39	-0.003551	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	30	-1.50	-0.002229	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	40	-0.90	-0.001337	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	50	-2.72	-0.004042	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-30	-4.25	-0.006223	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-20	-3.15	-0.004612	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-10	-3.08	-0.004510	±2.5	PASS

Band71	20MHz	16QAM	133322	100RB#0	NV	0	-2.99	-0.004378	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	10	-2.06	-0.003016	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	20	-3.45	-0.005051	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	30	-3.29	-0.004817	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	40	-2.33	-0.003411	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	50	2.66	0.003895	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-30	1.29	0.001875	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-20	1.77	0.002573	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-10	-2.12	-0.003081	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	0	2.65	0.003852	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	10	-3.00	-0.004360	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	20	2.07	0.003009	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	30	1.56	0.002267	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	40	1.73	0.002515	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	50	2.85	0.004142	±2.5	PASS