

LTE Band41

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
Band41	5MHz	QPSK	39675	1RB#0	20.62	PASS
Band41	5MHz	QPSK	39675	1RB#12	20.61	PASS
Band41	5MHz	QPSK	39675	1RB#24	20.71	PASS
Band41	5MHz	QPSK	39675	12RB#0	19.55	PASS
Band41	5MHz	QPSK	39675	12RB#6	19.50	PASS
Band41	5MHz	QPSK	39675	12RB#13	19.51	PASS
Band41	5MHz	QPSK	39675	25RB#0	19.60	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.11	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.19	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.11	PASS
Band41	5MHz	QPSK	40620	12RB#0	19.99	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.09	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.03	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.03	PASS
Band41	5MHz	QPSK	41565	1RB#0	20.77	PASS
Band41	5MHz	QPSK	41565	1RB#12	20.91	PASS
Band41	5MHz	QPSK	41565	1RB#24	20.83	PASS
Band41	5MHz	QPSK	41565	12RB#0	19.92	PASS
Band41	5MHz	QPSK	41565	12RB#6	19.89	PASS
Band41	5MHz	QPSK	41565	12RB#13	19.91	PASS
Band41	5MHz	QPSK	41565	25RB#0	19.96	PASS
Band41	5MHz	16QAM	39675	1RB#0	19.66	PASS
Band41	5MHz	16QAM	39675	1RB#12	19.83	PASS
Band41	5MHz	16QAM	39675	1RB#24	19.98	PASS
Band41	5MHz	16QAM	39675	12RB#0	18.53	PASS
Band41	5MHz	16QAM	39675	12RB#6	18.59	PASS
Band41	5MHz	16QAM	39675	12RB#13	18.57	PASS
Band41	5MHz	16QAM	39675	25RB#0	18.66	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.44	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.45	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.37	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.01	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.01	PASS

Band41	5MHz	16QAM	40620	12RB#13	18.97	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.07	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.13	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.29	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.10	PASS
Band41	5MHz	16QAM	41565	12RB#0	18.99	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.08	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.13	PASS
Band41	5MHz	16QAM	41565	25RB#0	18.95	PASS
Band41	10MHz	QPSK	39700	1RB#0	20.61	PASS
Band41	10MHz	QPSK	39700	1RB#24	20.68	PASS
Band41	10MHz	QPSK	39700	1RB#49	20.63	PASS
Band41	10MHz	QPSK	39700	25RB#0	19.62	PASS
Band41	10MHz	QPSK	39700	25RB#12	19.66	PASS
Band41	10MHz	QPSK	39700	25RB#25	19.66	PASS
Band41	10MHz	QPSK	39700	50RB#0	19.71	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.09	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.05	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.02	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.10	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.11	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.07	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.09	PASS
Band41	10MHz	QPSK	41540	1RB#0	20.99	PASS
Band41	10MHz	QPSK	41540	1RB#24	20.92	PASS
Band41	10MHz	QPSK	41540	1RB#49	20.91	PASS
Band41	10MHz	QPSK	41540	25RB#0	19.97	PASS
Band41	10MHz	QPSK	41540	25RB#12	19.93	PASS
Band41	10MHz	QPSK	41540	25RB#25	19.93	PASS
Band41	10MHz	QPSK	41540	50RB#0	19.95	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.33	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.25	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.50	PASS
Band41	10MHz	16QAM	39700	25RB#0	18.75	PASS
Band41	10MHz	16QAM	39700	25RB#12	18.73	PASS
Band41	10MHz	16QAM	39700	25RB#25	18.75	PASS
Band41	10MHz	16QAM	39700	50RB#0	18.75	PASS

Band41	10MHz	16QAM	40620	1RB#0	20.91	PASS
Band41	10MHz	16QAM	40620	1RB#24	20.72	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.90	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.16	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.20	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.17	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.07	PASS
Band41	10MHz	16QAM	41540	1RB#0	19.96	PASS
Band41	10MHz	16QAM	41540	1RB#24	19.83	PASS
Band41	10MHz	16QAM	41540	1RB#49	19.93	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.07	PASS
Band41	10MHz	16QAM	41540	25RB#12	18.97	PASS
Band41	10MHz	16QAM	41540	25RB#25	18.96	PASS
Band41	10MHz	16QAM	41540	50RB#0	18.99	PASS
Band41	15MHz	QPSK	39725	1RB#0	20.67	PASS
Band41	15MHz	QPSK	39725	1RB#38	20.63	PASS
Band41	15MHz	QPSK	39725	1RB#74	20.72	PASS
Band41	15MHz	QPSK	39725	38RB#0	19.74	PASS
Band41	15MHz	QPSK	39725	38RB#18	19.71	PASS
Band41	15MHz	QPSK	39725	38RB#37	19.71	PASS
Band41	15MHz	QPSK	39725	75RB#0	19.73	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.09	PASS
Band41	15MHz	QPSK	40620	1RB#38	20.99	PASS
Band41	15MHz	QPSK	40620	1RB#74	20.97	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.12	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.10	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.09	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.07	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.16	PASS
Band41	15MHz	QPSK	41515	1RB#38	20.95	PASS
Band41	15MHz	QPSK	41515	1RB#74	20.95	PASS
Band41	15MHz	QPSK	41515	38RB#0	19.85	PASS
Band41	15MHz	QPSK	41515	38RB#18	19.89	PASS
Band41	15MHz	QPSK	41515	38RB#37	19.87	PASS
Band41	15MHz	QPSK	41515	75RB#0	19.90	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.28	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.48	PASS

Band41	15MHz	16QAM	39725	1RB#74	20.37	PASS
Band41	15MHz	16QAM	39725	38RB#0	19.69	PASS
Band41	15MHz	16QAM	39725	38RB#18	19.67	PASS
Band41	15MHz	16QAM	39725	38RB#37	19.73	PASS
Band41	15MHz	16QAM	39725	75RB#0	18.77	PASS
Band41	15MHz	16QAM	40620	1RB#0	20.95	PASS
Band41	15MHz	16QAM	40620	1RB#38	20.86	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.83	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.12	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.08	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.09	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.08	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.05	PASS
Band41	15MHz	16QAM	41515	1RB#38	19.78	PASS
Band41	15MHz	16QAM	41515	1RB#74	19.78	PASS
Band41	15MHz	16QAM	41515	38RB#0	19.85	PASS
Band41	15MHz	16QAM	41515	38RB#18	19.85	PASS
Band41	15MHz	16QAM	41515	38RB#37	19.88	PASS
Band41	15MHz	16QAM	41515	75RB#0	18.96	PASS
Band41	20MHz	QPSK	39750	1RB#0	20.66	PASS
Band41	20MHz	QPSK	39750	1RB#49	20.69	PASS
Band41	20MHz	QPSK	39750	1RB#99	20.81	PASS
Band41	20MHz	QPSK	39750	50RB#0	19.81	PASS
Band41	20MHz	QPSK	39750	50RB#25	19.82	PASS
Band41	20MHz	QPSK	39750	50RB#50	19.80	PASS
Band41	20MHz	QPSK	39750	100RB#0	19.75	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.28	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.05	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.08	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.20	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.18	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.09	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.14	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.12	PASS
Band41	20MHz	QPSK	41490	1RB#49	20.93	PASS
Band41	20MHz	QPSK	41490	1RB#99	20.91	PASS
Band41	20MHz	QPSK	41490	50RB#0	19.95	PASS

Band41	20MHz	QPSK	41490	50RB#25	19.95	PASS
Band41	20MHz	QPSK	41490	50RB#50	19.88	PASS
Band41	20MHz	QPSK	41490	100RB#0	19.92	PASS
Band41	20MHz	16QAM	39750	1RB#0	19.92	PASS
Band41	20MHz	16QAM	39750	1RB#49	19.91	PASS
Band41	20MHz	16QAM	39750	1RB#99	19.98	PASS
Band41	20MHz	16QAM	39750	50RB#0	18.78	PASS
Band41	20MHz	16QAM	39750	50RB#25	18.82	PASS
Band41	20MHz	16QAM	39750	50RB#50	18.80	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.76	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.48	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.25	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.26	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.18	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.17	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.10	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.19	PASS
Band41	20MHz	16QAM	41490	1RB#0	19.69	PASS
Band41	20MHz	16QAM	41490	1RB#49	19.49	PASS
Band41	20MHz	16QAM	41490	1RB#99	19.59	PASS
Band41	20MHz	16QAM	41490	50RB#0	18.91	PASS
Band41	20MHz	16QAM	41490	50RB#25	18.92	PASS
Band41	20MHz	16QAM	41490	50RB#50	18.89	PASS
Band41	20MHz	16QAM	41490	100RB#0	18.94	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.73	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.41	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.34	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.80	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.98	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.52	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	6.02	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.57	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.47	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.63	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	6.14	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.62	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.06	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.18	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.69	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.57	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.91	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.37	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.85	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.12	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.59	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.48	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	6.38	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.46	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.48	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.45	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.36	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.71	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	5.27	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.59	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.76	13	PASS

Band41	15MHz	16QAM	39725	75RB#0	6.28	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	6.38	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.49	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	6.06	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.41	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.87	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.26	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	5.54	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.43	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	5.42	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.32	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	6.03	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.15	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.93	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.32	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.69	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.25	13	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-40620-1RB#0



Band41-5MHz-QPSK-40620-25RB#0



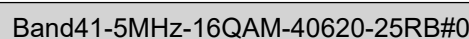
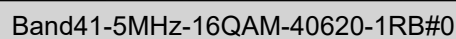
Band41-5MHz-QPSK-41565-1RB#0

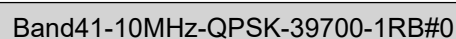
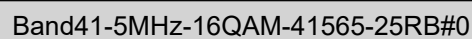


Band41-5MHz-QPSK-41565-25RB#0



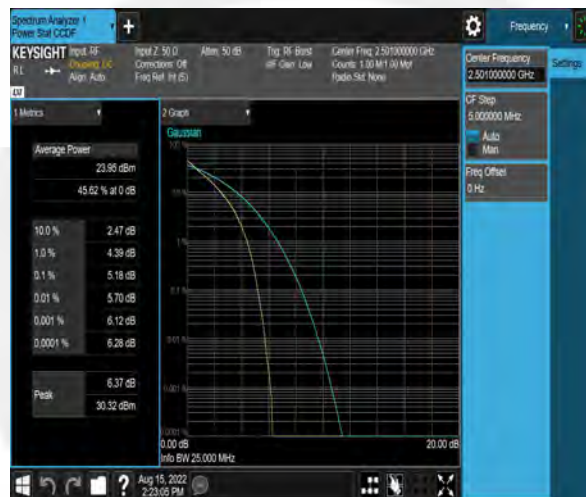
Band41-5MHz-16QAM-39675-1RB#0







Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-40620-1RB#0



Band41-10MHz-QPSK-40620-50RB#0



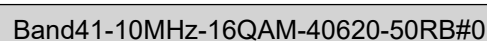
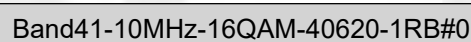
Band41-10MHz-QPSK-41540-1RB#0

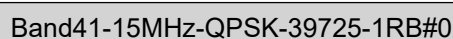
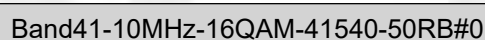
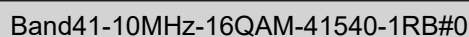


Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-1RB#0







Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-40620-1RB#0



Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



Band41-15MHz-QPSK-41515-75RB#0



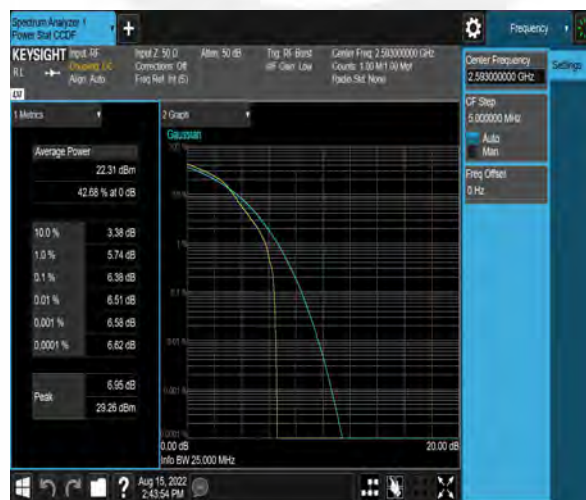
Band41-15MHz-16QAM-39725-1RB#0



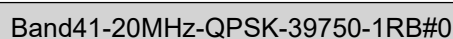
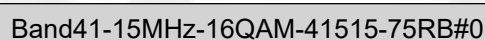
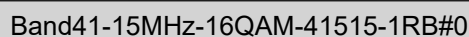
Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-40620-1RB#0



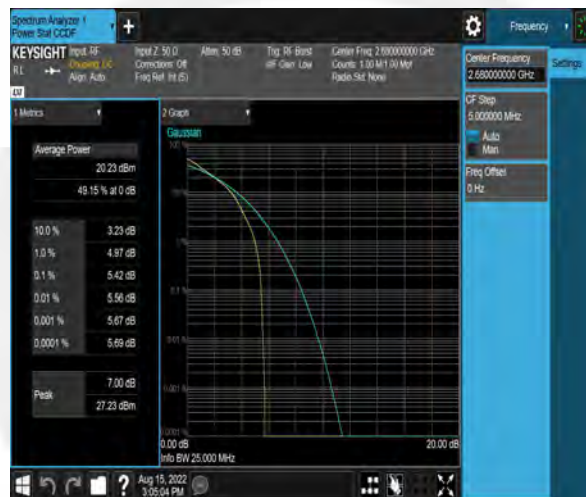
Band41-15MHz-16QAM-40620-75RB#0



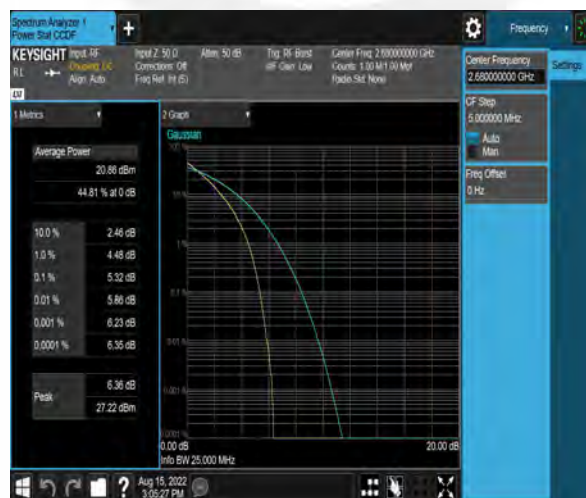




Band41-20MHz-QPSK-41490-1RB#0



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-1RB#0



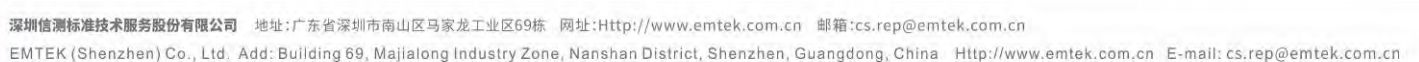
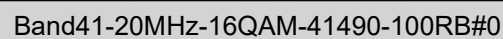
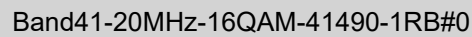
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-1RB#0



Band41-20MHz-16QAM-40620-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

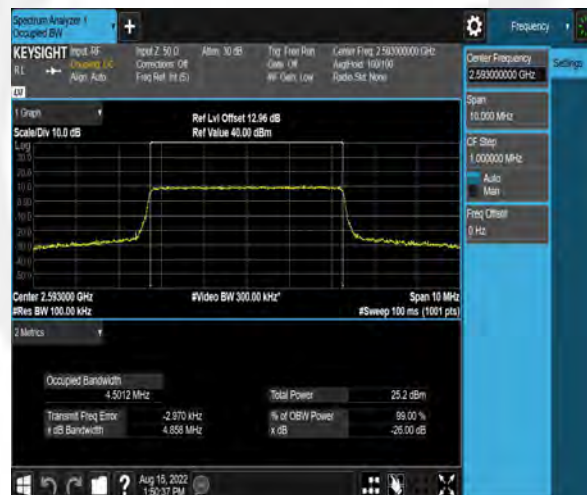
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4954	4.864	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5012	4.858	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4961	4.875	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4943	4.837	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4955	4.818	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4960	4.841	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9733	9.524	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9684	9.511	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9672	9.527	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9716	9.522	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9704	9.525	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9784	9.528	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.442	14.25	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.452	14.26	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.458	14.26	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.447	14.25	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.447	14.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.447	14.23	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.918	18.94	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.907	18.96	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.870	18.94	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.900	18.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.897	18.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.873	18.91	PASS

Test Graphs

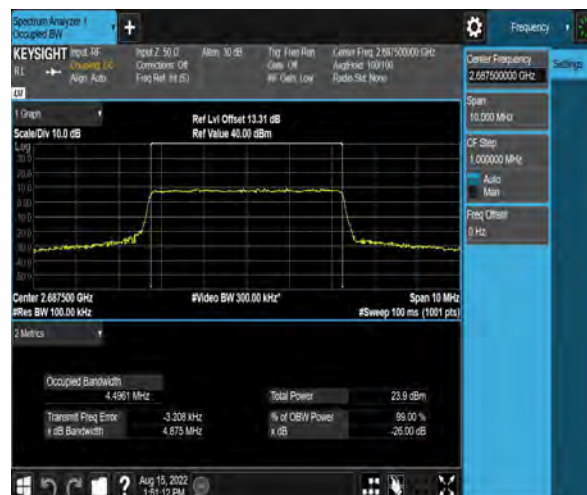
Band41-5MHz-QPSK-39675-25RB#0



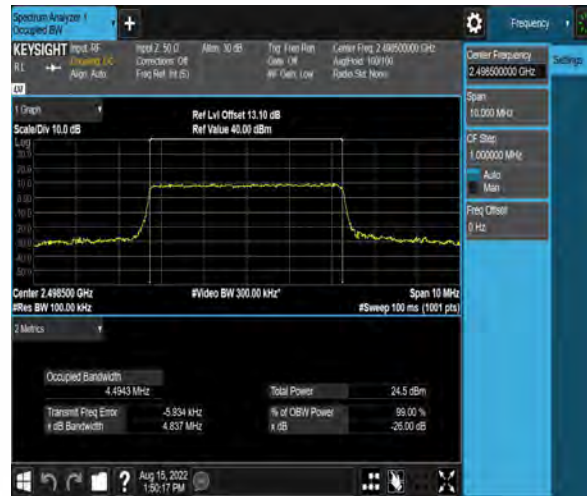
Band41-5MHz-QPSK-40620-25RB#0



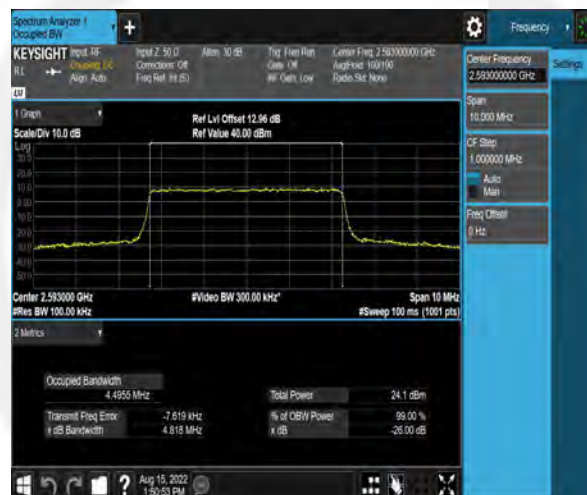
Band41-5MHz-QPSK-41565-25RB#0



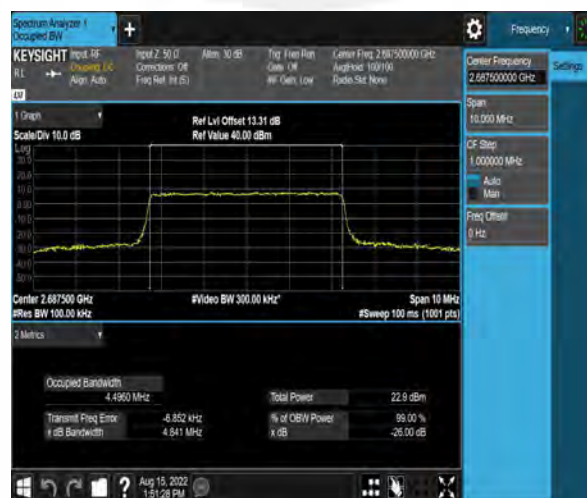
Band41-5MHz-16QAM-39675-25RB#0



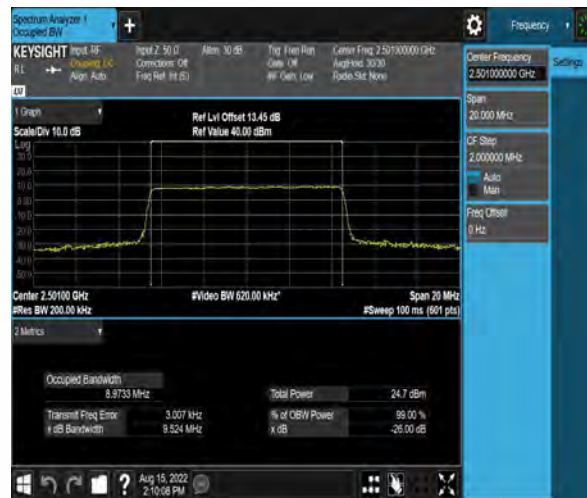
Band41-5MHz-16QAM-40620-25RB#0



Band41-5MHz-16QAM-41565-25RB#0



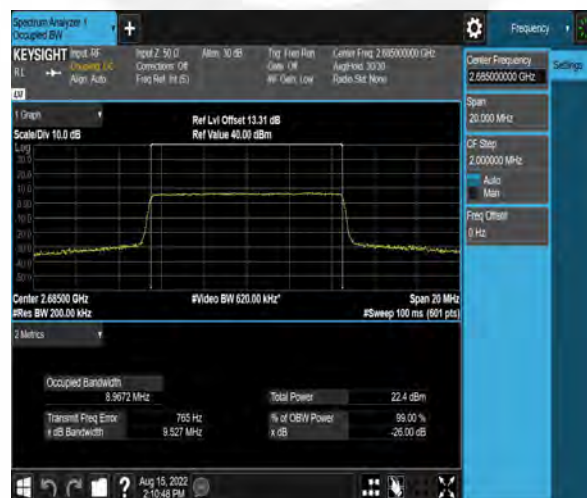
Band41-10MHz-QPSK-39700-50RB#0



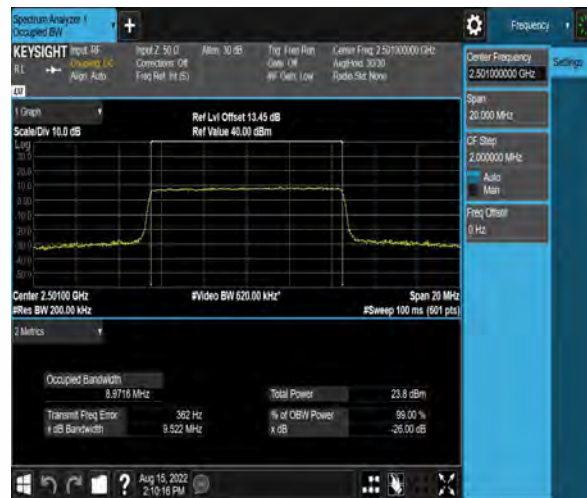
Band41-10MHz-QPSK-40620-50RB#0



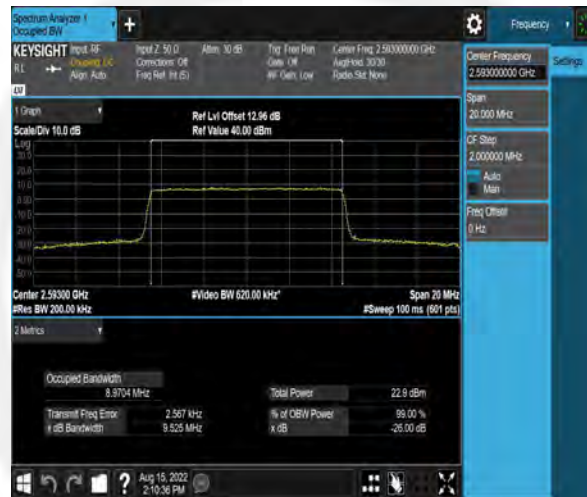
Band41-10MHz-QPSK-41540-50RB#0



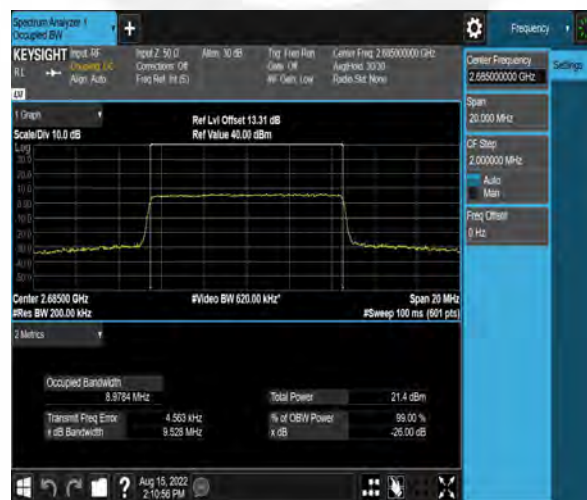
Band41-10MHz-16QAM-39700-50RB#0



Band41-10MHz-16QAM-40620-50RB#0



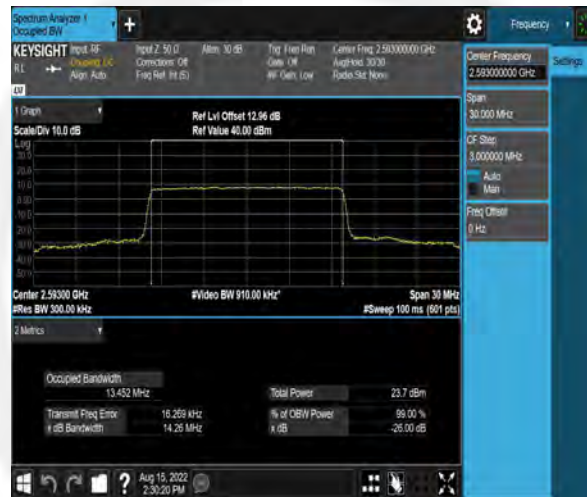
Band41-10MHz-16QAM-41540-50RB#0



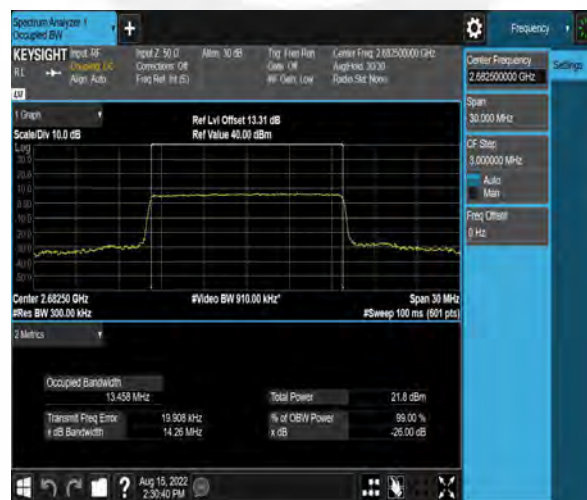
Band41-15MHz-QPSK-39725-75RB#0



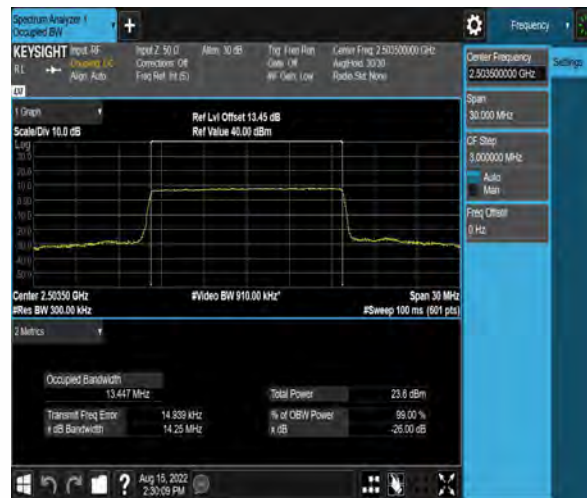
Band41-15MHz-QPSK-40620-75RB#0



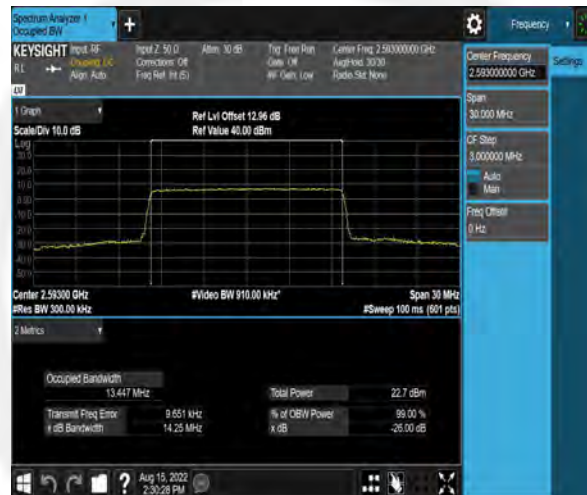
Band41-15MHz-QPSK-41515-75RB#0



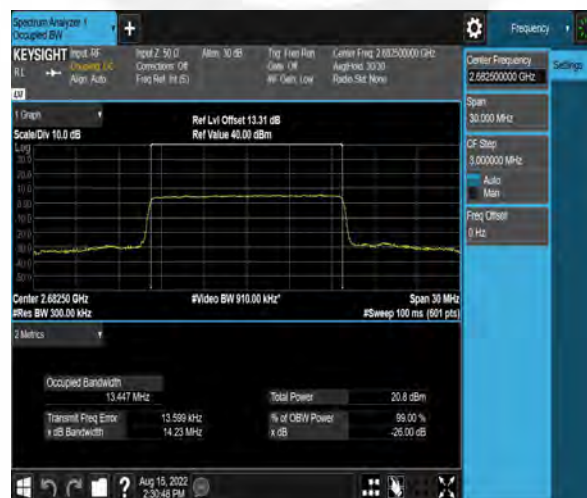
Band41-15MHz-16QAM-39725-75RB#0



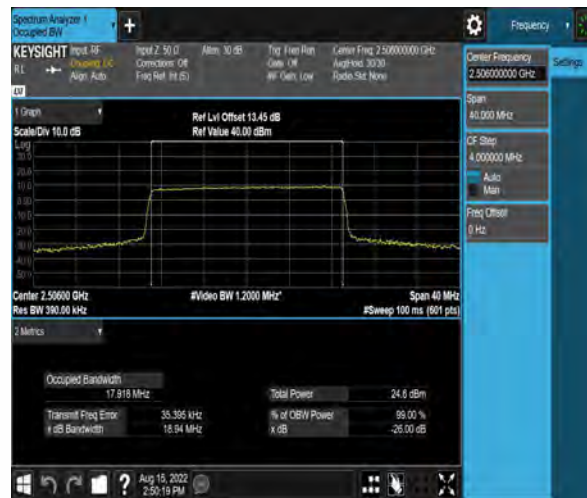
Band41-15MHz-16QAM-40620-75RB#0



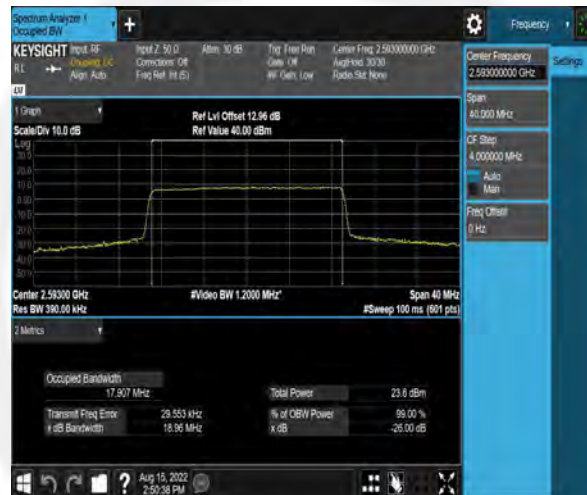
Band41-15MHz-16QAM-41515-75RB#0



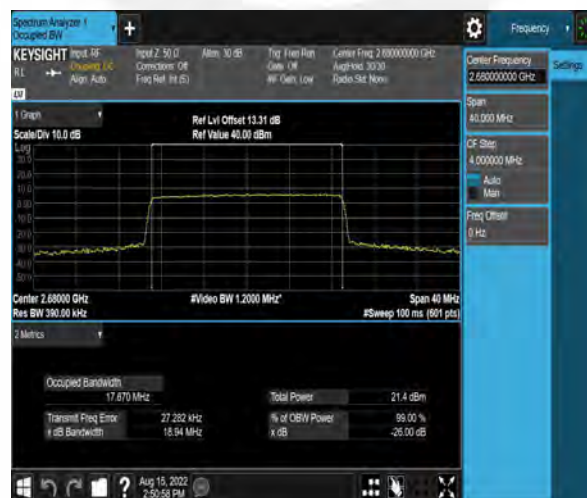
Band41-20MHz-QPSK-39750-100RB#0



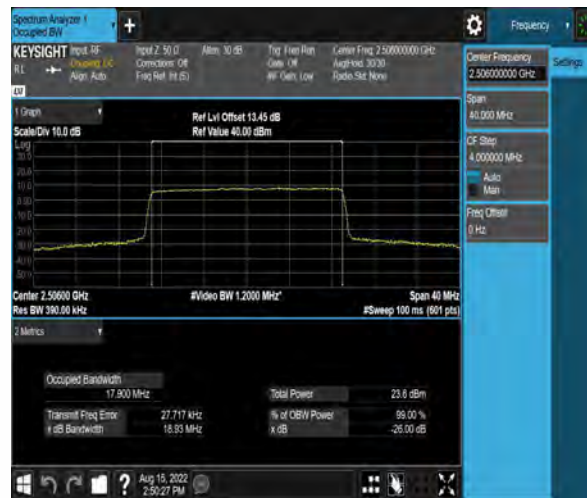
Band41-20MHz-QPSK-40620-100RB#0



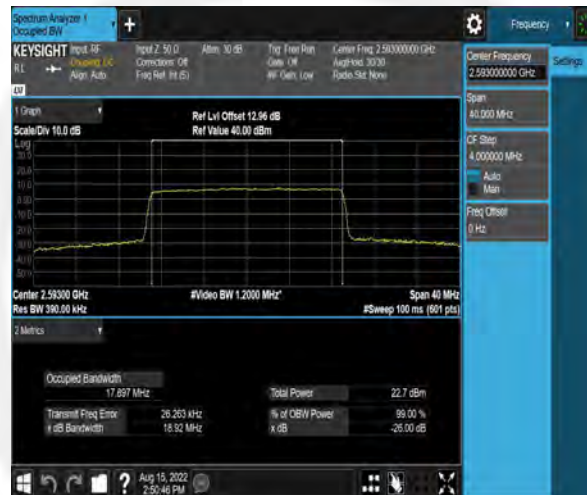
Band41-20MHz-QPSK-41490-100RB#0



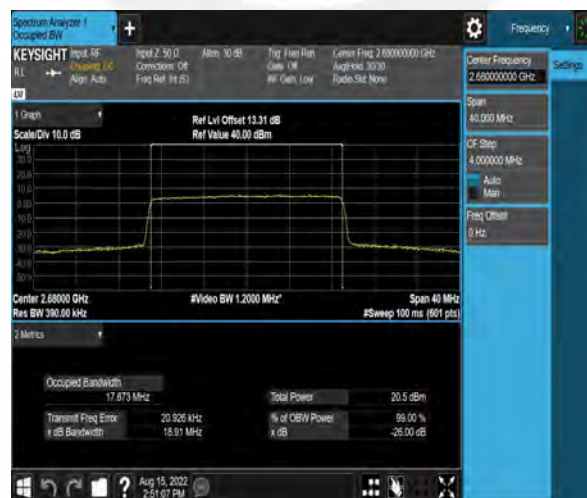
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-45.79,-37.12,-28.73	PASS
Band41	5MHz	QPSK	41565	25RB#0	-30.94,-35.48,-43.55,-43.93	PASS
Band41	5MHz	16QAM	39675	25RB#0	-45.97,-36.09,-29.22	PASS
Band41	5MHz	16QAM	41565	25RB#0	-29.58,-34.35,-44.60,-45.18	PASS
Band41	10MHz	QPSK	39700	50RB#0	-44.61,-36.33,-30.92	PASS
Band41	10MHz	QPSK	41540	50RB#0	-30.47,-33.33,-37.90,-43.59	PASS
Band41	10MHz	16QAM	39700	50RB#0	-45.14,-34.60,-33.56	PASS
Band41	10MHz	16QAM	41540	50RB#0	-32.81,-34.20,-37.94,-44.33	PASS
Band41	15MHz	QPSK	39725	75RB#0	-45.51,-34.51,-32.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	-32.56,-32.50,-35.71,-42.90	PASS
Band41	15MHz	16QAM	39725	75RB#0	-43.97,-33.33,-32.99	PASS
Band41	15MHz	16QAM	41515	75RB#0	-31.44,-31.22,-34.06,-42.55	PASS
Band41	20MHz	QPSK	39750	100RB#0	-48.30,-33.66,-33.16	PASS
Band41	20MHz	QPSK	41490	100RB#0	-32.26,-31.78,-34.98,-44.08	PASS
Band41	20MHz	16QAM	39750	100RB#0	-49.29,-33.86,-32.42	PASS
Band41	20MHz	16QAM	41490	100RB#0	-32.38,-32.23,-34.63,-43.82	PASS

Test Graphs

Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-41565-25RB#0



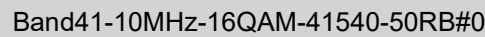
Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-50RB#0





Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-67.1	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-38.14	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-48.08	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.67	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.28	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.49	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-48.72	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-39.42	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-48.1	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-65.25	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-38.96	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-47.88	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-46.84	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-39.3	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-47.99	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-50.68	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~	-38.15	PASS

					3000MHz		
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~26500MHz	-46.38	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-66.37	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-35.81	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~26500MHz	-48.03	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-65.36	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.51	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-45.95	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-44.88	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~3000MHz	-39.84	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:3000~26500MHz	-47.94	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-67.07	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-36.33	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~26500MHz	-48.28	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-65.9	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-39.49	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-47.81	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-49.07	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-39.34	PASS

Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-47.66	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-66.2	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-38.52	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-47.95	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.43	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.59	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.51	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-67.19	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-39.38	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-47.71	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-65.77	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-38.49	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-46.87	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-67.02	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-39.08	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-46.92	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-60.83	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-40.57	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~	-47.92	PASS

					26500MHz		
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-66.59	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-39.49	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-48.4	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.33	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-38.04	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-48.04	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-66.99	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-39.63	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-47.87	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-64.88	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-38.1	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-48	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-66.23	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-39.21	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-47.02	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-67.1	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-35.12	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-47.59	PASS



Test Graphs

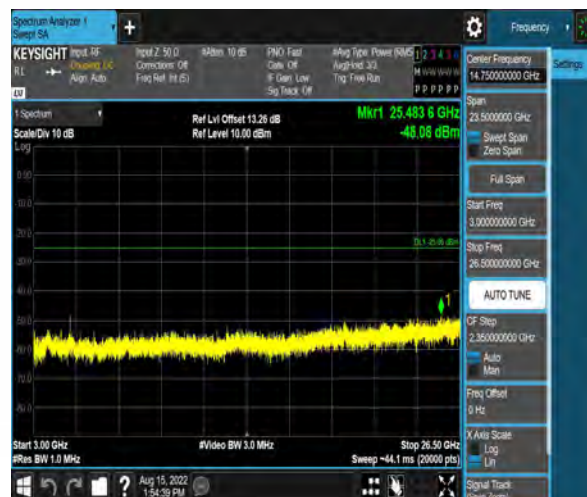
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~3000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range3:3000~26500MHz



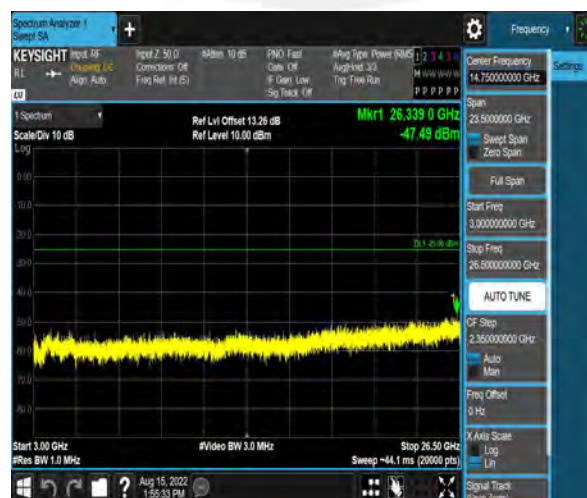
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



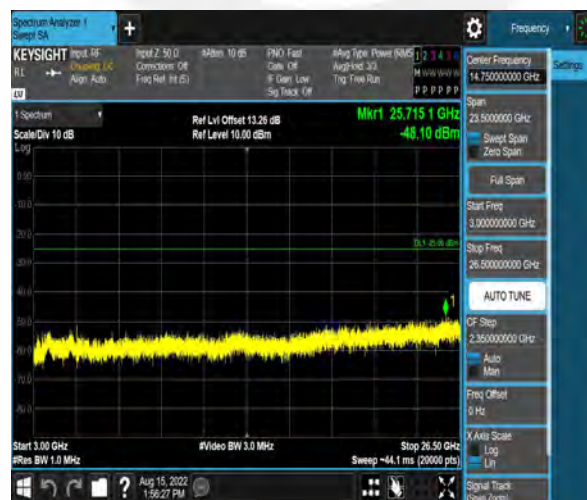
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~3000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range3:3000~26500MHz



Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~3000MHz



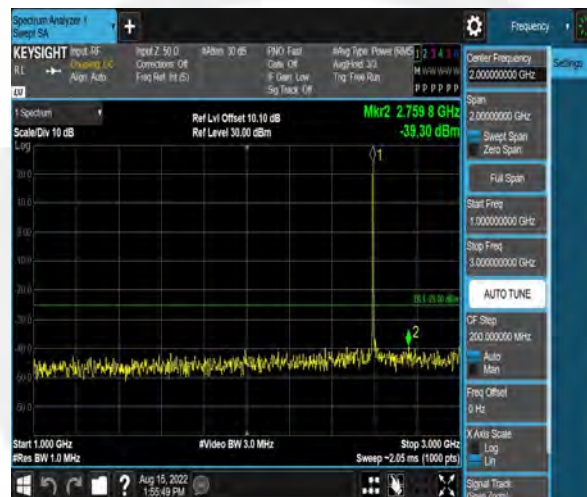
Band41-5MHz-16QAM-39675-1RB#0-Range3:3000~26500MHz



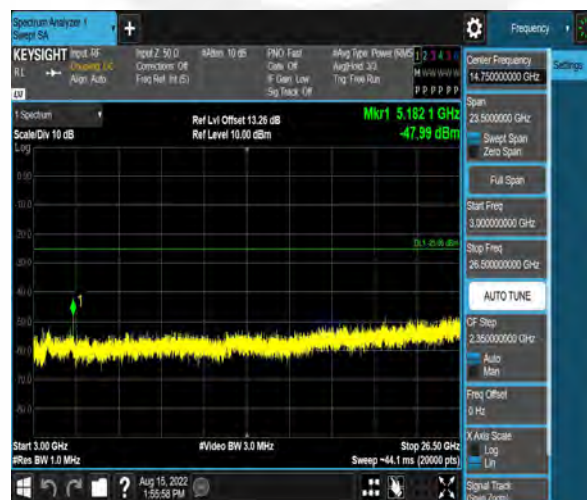
Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



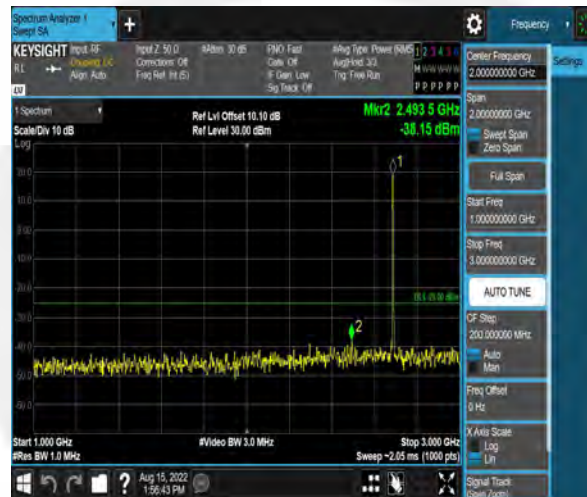
Band41-5MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~3000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range3:3000~26500MHz



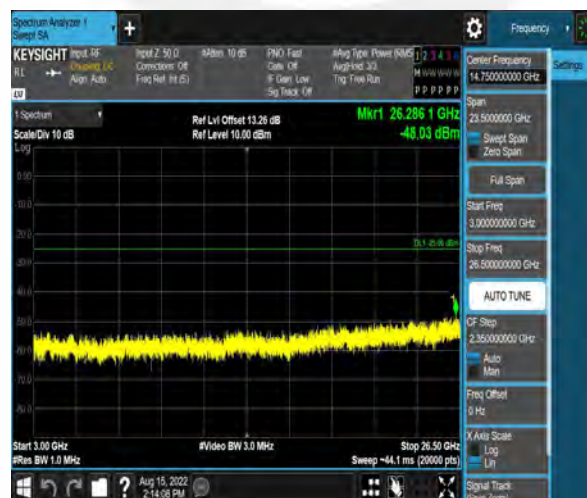
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~3000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range3:3000~26500MHz



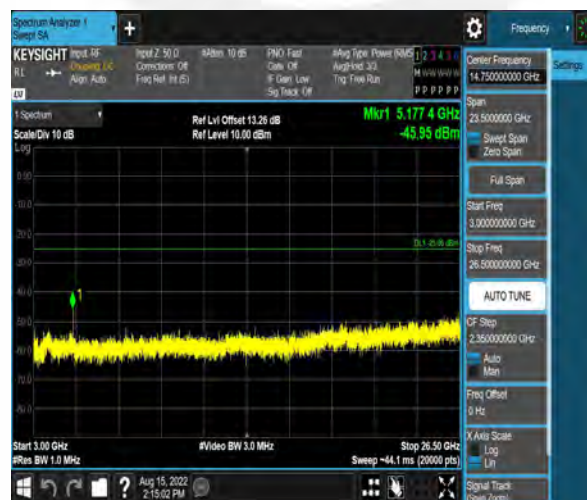
Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



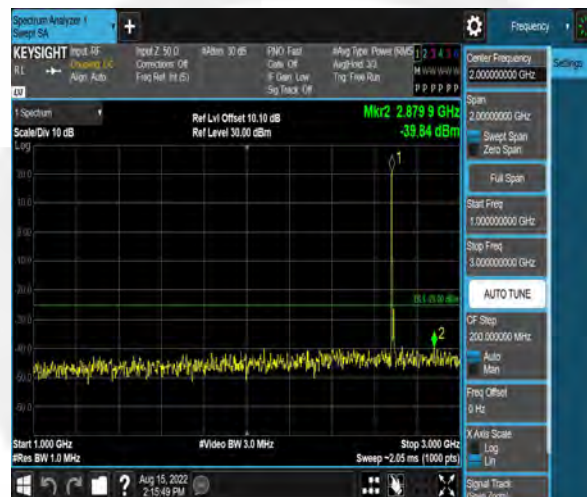
Band41-10MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



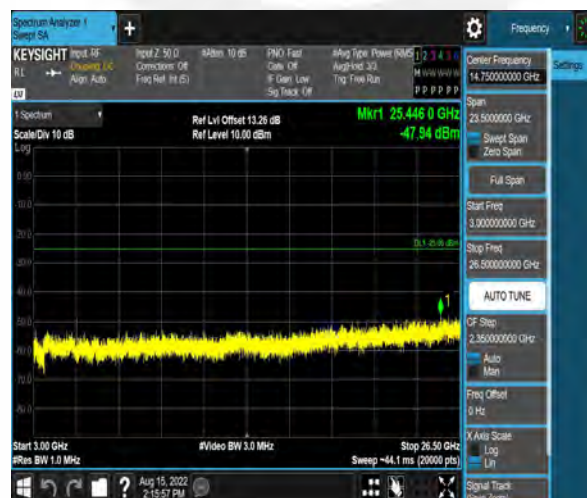
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~3000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range3:3000~26500MHz



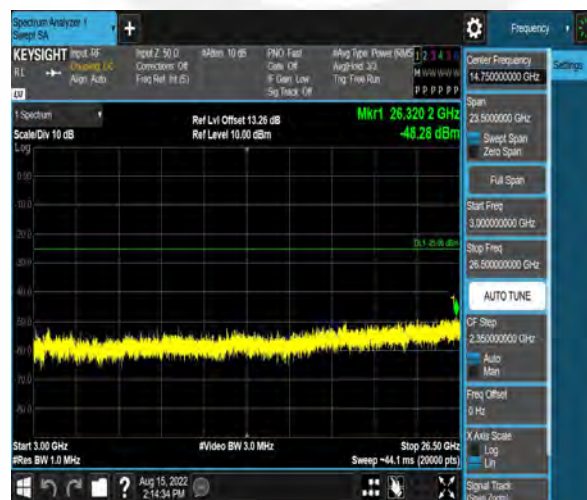
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~3000MHz



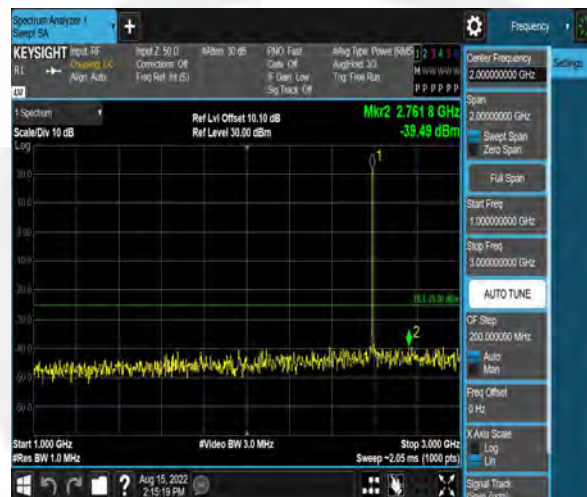
Band41-10MHz-16QAM-39700-1RB#0-Range3:3000~26500MHz



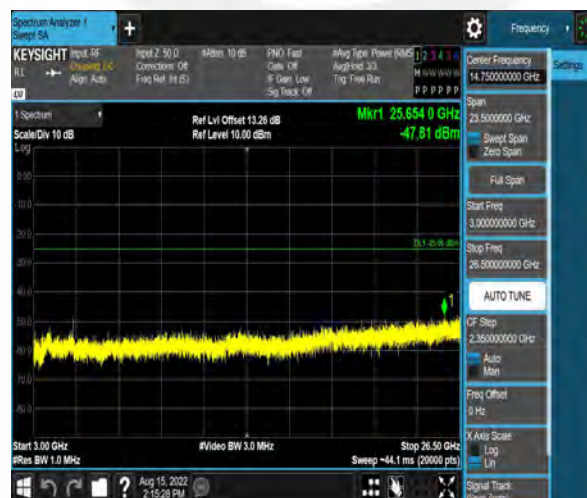
Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-10MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



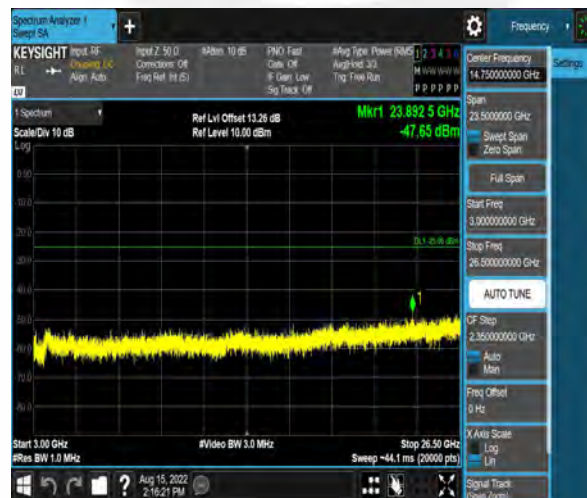
Band41-10MHz-16QAM-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~3000MHz



Band41-10MHz-16QAM-41540-1RB#0-Range3:3000~26500MHz



Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~3000MHz



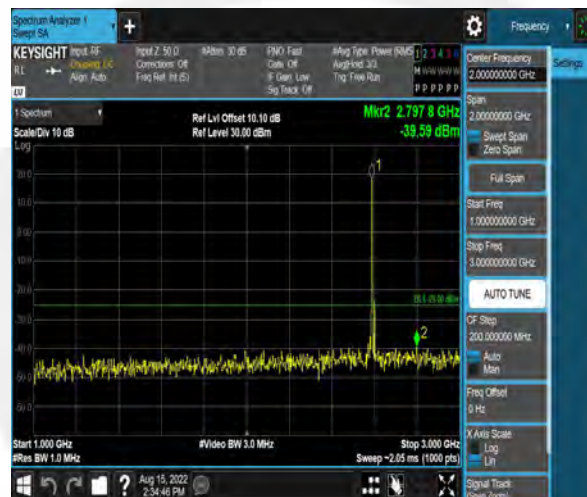
Band41-15MHz-QPSK-39725-1RB#0-Range3:3000~26500MHz



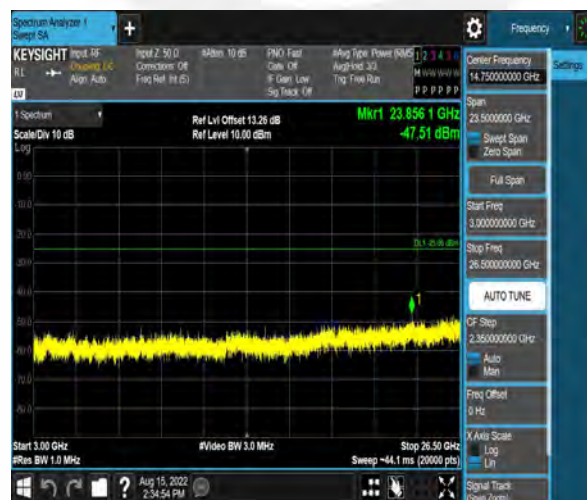
Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



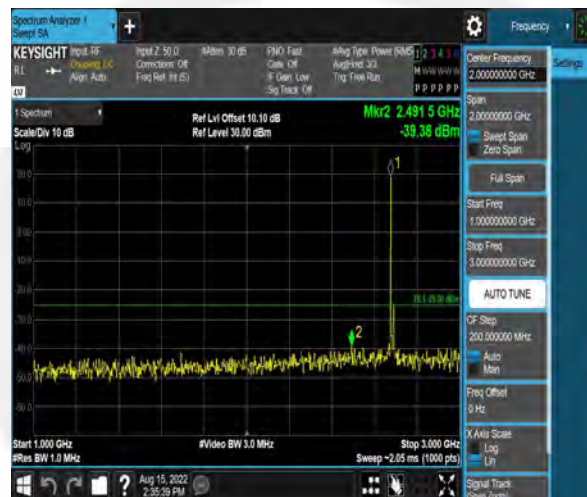
Band41-15MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



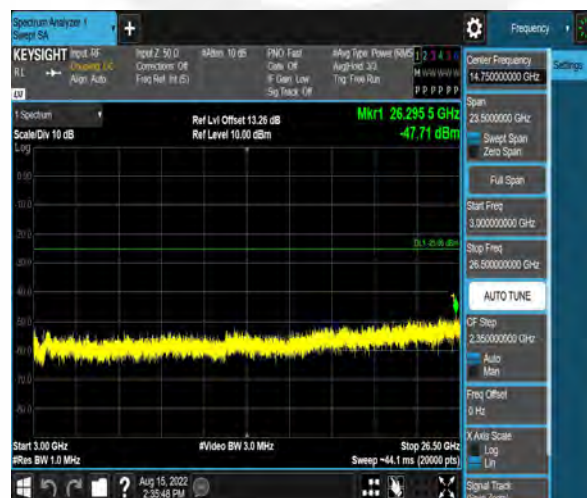
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~3000MHz



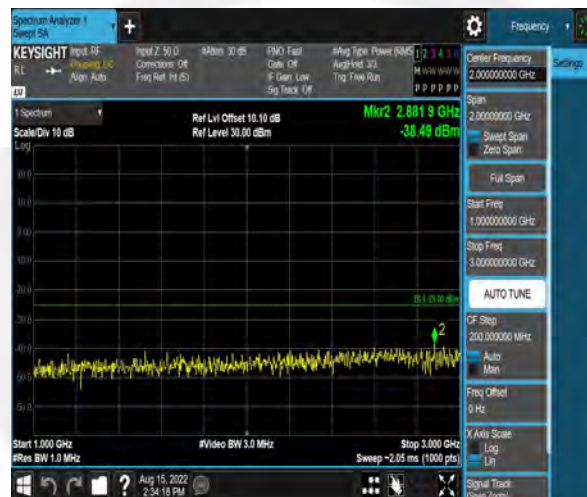
Band41-15MHz-QPSK-41515-1RB#0-Range3:3000~26500MHz



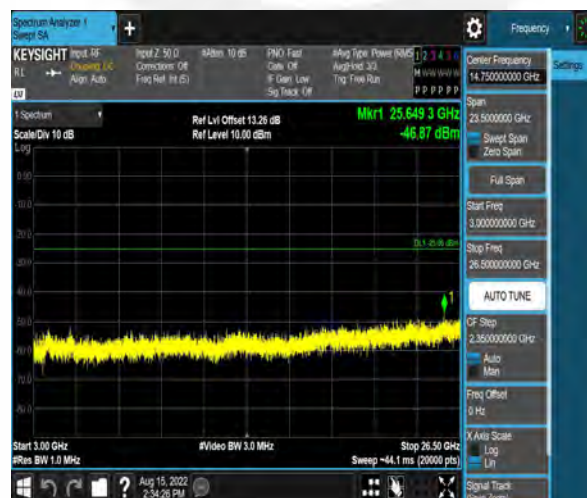
Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~3000MHz



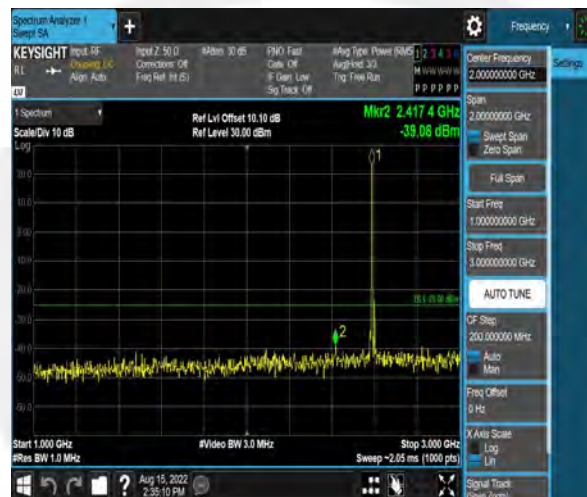
Band41-15MHz-16QAM-39725-1RB#0-Range3:3000~26500MHz



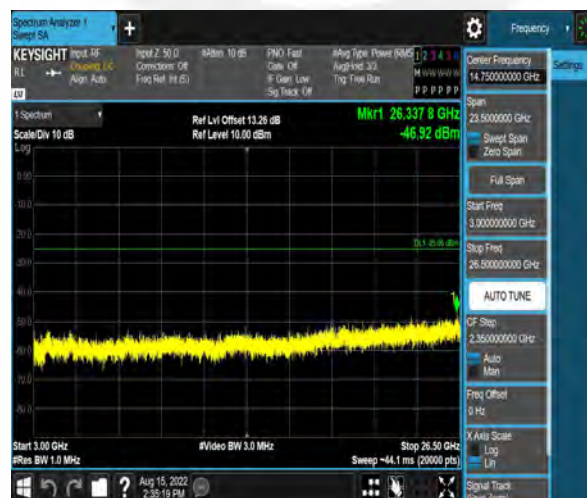
Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



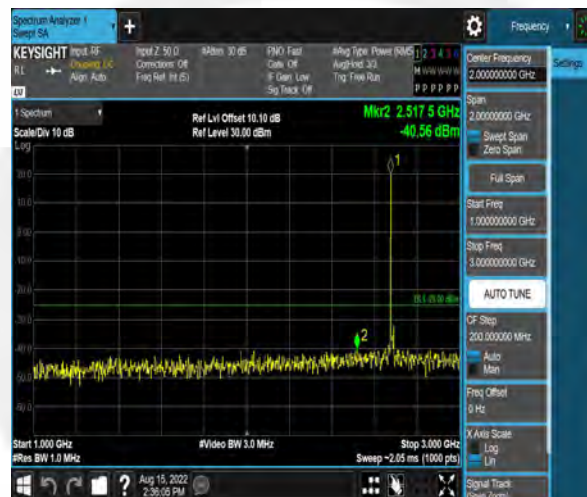
Band41-15MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



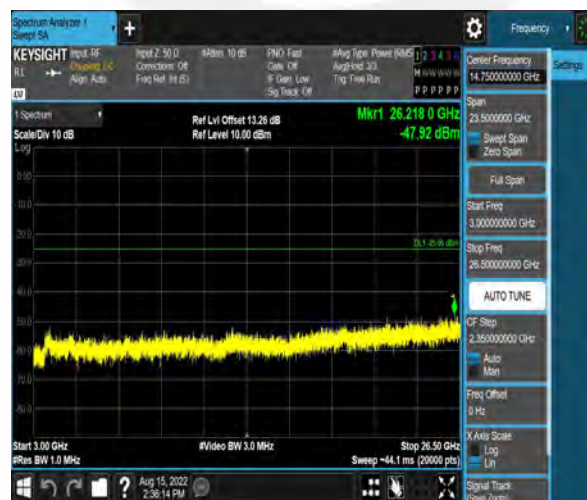
Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~3000MHz



Band41-15MHz-16QAM-41515-1RB#0-Range3:3000~26500MHz



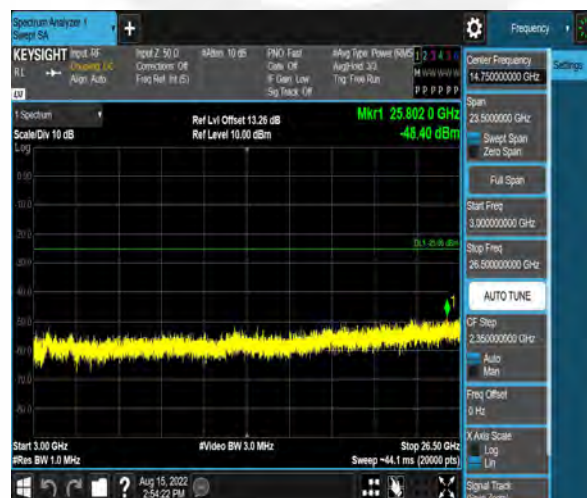
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~3000MHz



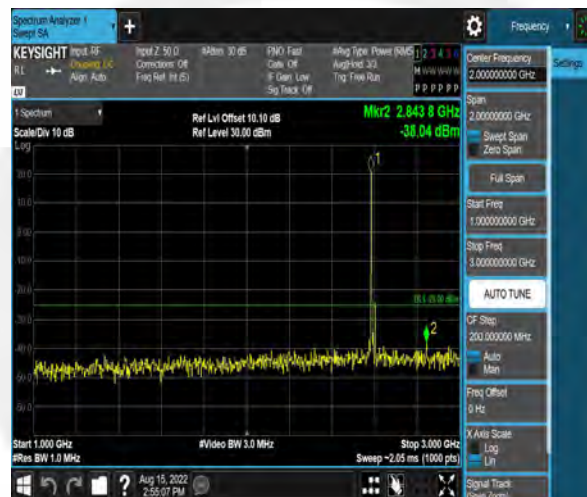
Band41-20MHz-QPSK-39750-1RB#0-Range3:3000~26500MHz



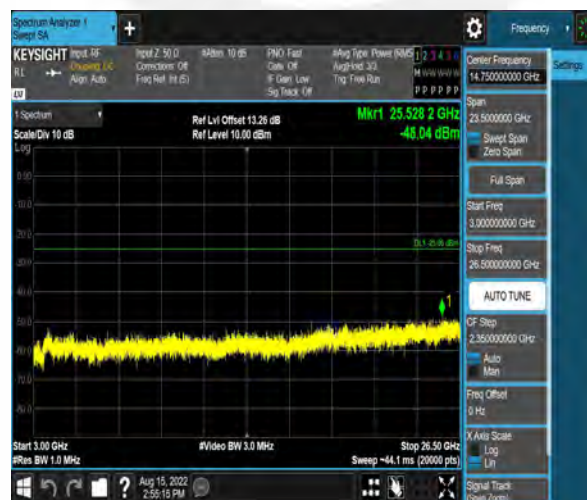
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



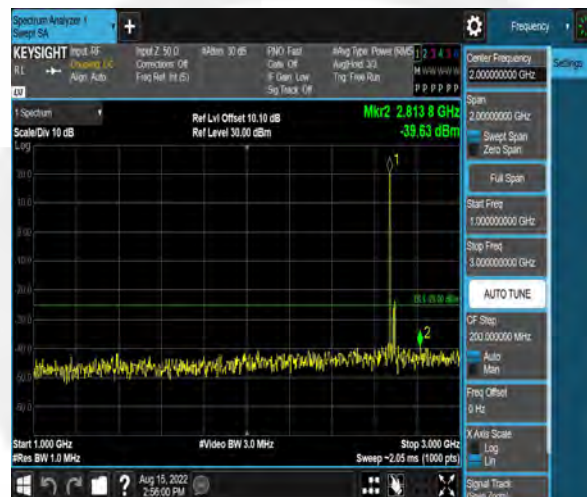
Band41-20MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



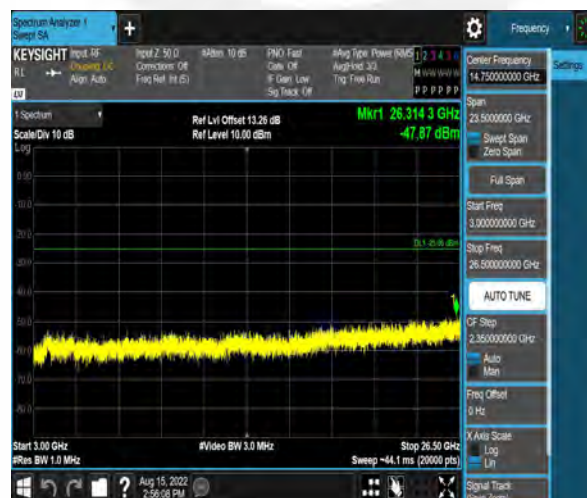
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~3000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range3:3000~26500MHz



Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~3000MHz



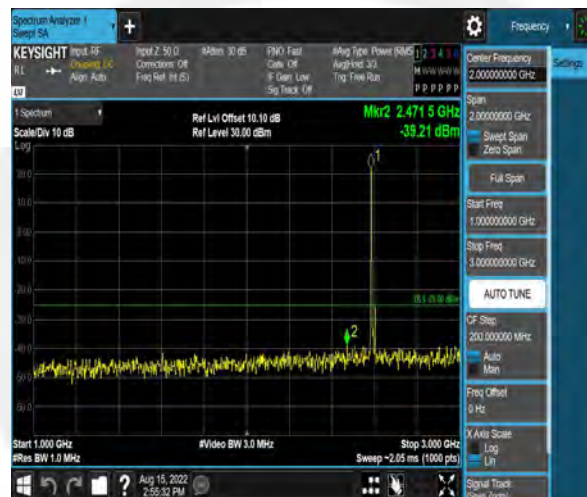
Band41-20MHz-16QAM-39750-1RB#0-Range3:3000~26500MHz



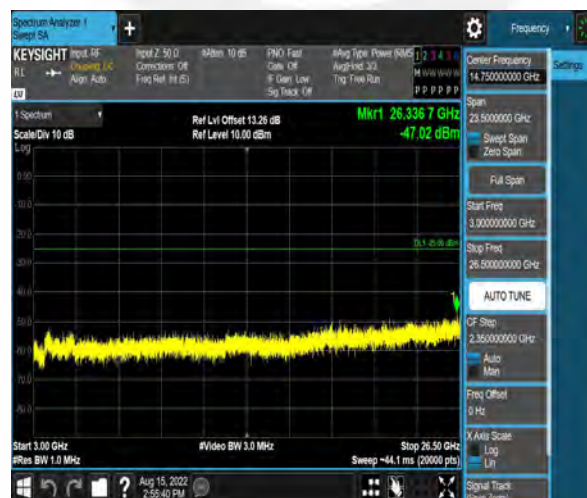
Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



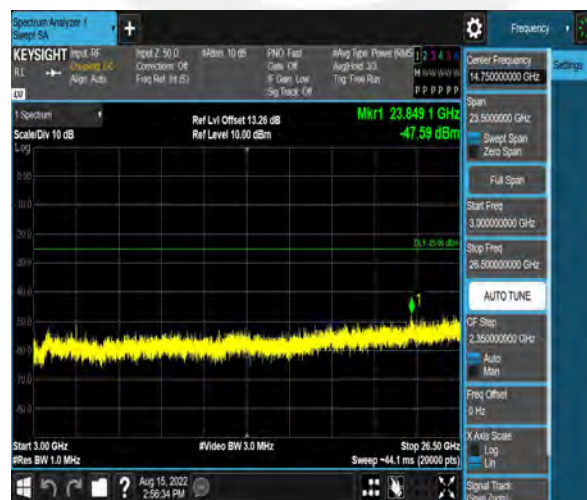
Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~3000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range3:3000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	-6.19	-0.002477	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	14.36	0.005747	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	18.28	0.007316	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	14.88	0.005739	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	17.45	0.006730	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	13.20	0.005091	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	16.41	0.006106	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	14.18	0.005276	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	10.81	0.004022	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VL	NT	-5.56	-0.002225	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VN	NT	-3.73	-0.001493	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VH	NT	7.08	0.002834	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	9.03	0.003482	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	4.96	0.001913	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	-6.05	-0.002333	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VL	NT	-6.21	-0.002311	±2.5	PASS

Band41	5MHz	16QAM	41565	25RB#0	VN	NT	5.38	0.00200 2	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	8.78	0.00326 7	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	-16.97	-0.0067 85	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	-21.04	-0.0084 13	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	-12.53	-0.0050 10	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	-6.55	-0.0025 26	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	12.02	0.00463 6	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	12.62	0.00486 7	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-11.42	-0.0042 53	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-14.25	-0.0053 07	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-17.08	-0.0063 61	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	-14.58	-0.0058 30	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	-18.67	-0.0074 65	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	-13.02	-0.0052 06	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	9.66	0.00372 5	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	7.90	0.00304 7	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VH	NT	6.75	0.00260 3	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	-15.31	-0.0057 02	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VN	NT	-13.00	-0.0048	±2.5	PASS

								42		
Band41	10MHz	16QAM	41540	50RB#0	VH	NT	-6.22	-0.0023 17	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	-11.29	-0.0045 10	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-14.79	-0.0059 08	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	-15.15	-0.0060 52	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	12.80	0.00493 6	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	12.53	0.00483 2	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	10.14	0.00391 1	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	-17.44	-0.0065 01	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	-17.51	-0.0065 27	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	-20.57	-0.0076 68	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	-17.29	-0.0069 06	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	-11.64	-0.0046 49	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	-10.51	-0.0041 98	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	8.94	0.00344 8	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	-6.05	-0.0023 33	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	-5.46	-0.0021 06	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	-18.70	-0.0069 71	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	-4.92	-0.0018 34	±2.5	PASS

Band41	15MHz	16QAM	41515	75RB#0	VH	NT	-18.87	-0.0070 34	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	11.29	0.00450 5	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	9.84	0.00392 7	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	8.18	0.00326 4	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	15.08	0.00581 6	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-7.61	-0.0029 35	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	15.85	0.00611 3	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-12.46	-0.0046 49	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	11.40	0.00425 4	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-6.52	-0.0024 33	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	18.50	0.00738 2	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-13.83	-0.0055 19	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-6.75	-0.0026 94	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	5.32	0.00205 2	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	7.70	0.00297 0	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	11.23	0.00433 1	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	15.03	0.00560 8	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	9.36	0.00349 3	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-9.54	-0.0035	±2.5	PASS

								60		
--	--	--	--	--	--	--	--	----	--	--

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-30	13.02	0.00521 1	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	7.01	0.00280 6	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	17.84	0.00714 0	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	5.69	0.00227 7	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	18.25	0.00730 4	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	-8.84	-0.0035 38	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	-7.34	-0.0029 38	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	5.06	0.00202 5	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	-7.17	-0.0028 70	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	12.30	0.00474 4	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-7.28	-0.0028 08	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	4.08	0.00157 3	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	12.56	0.00484 4	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-8.20	-0.0031 62	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	15.55	0.00599 7	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	5.66	0.00218 3	±2.5	PASS

Band41	5MHz	QPSK	40620	25RB#0	NV	40	6.61	0.00254 9	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	13.00	0.00501 3	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	12.36	0.00459 9	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	10.76	0.00400 4	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	14.98	0.00557 4	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	-7.18	-0.0026 72	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	15.59	0.00580 1	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-5.26	-0.0019 57	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	14.31	0.00532 5	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-2.26	-0.0008 41	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	12.13	0.00451 3	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-30	14.10	0.00564 3	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-20	9.91	0.00396 6	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	10.96	0.00438 7	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	13.28	0.00531 5	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	4.99	0.00199 7	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	7.61	0.00304 6	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	15.08	0.00603 6	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	10.17	0.00407	±2.5	PASS

								0		
Band41	5MHz	16QAM	39675	25RB#0	NV	50	13.65	0.00546 3	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	-5.74	-0.0022 14	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	16.78	0.00647 1	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	11.00	0.00424 2	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	16.19	0.00624 4	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	9.37	0.00361 4	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	15.66	0.00603 9	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	12.50	0.00482 1	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	13.36	0.00515 2	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	14.79	0.00570 4	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-30	9.56	0.00355 7	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-20	16.85	0.00627 0	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	-7.41	-0.0027 57	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	14.78	0.00550 0	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	15.23	0.00566 7	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	15.64	0.00582 0	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	17.04	0.00634 0	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	7.57	0.00281 7	±2.5	PASS

Band41	5MHz	16QAM	41565	25RB#0	NV	50	8.91	0.00331 5	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	-18.97	-0.0075 85	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	-4.56	-0.0018 23	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	-6.85	-0.0027 39	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	-9.07	-0.0036 27	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	-10.19	-0.0040 74	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	-8.57	-0.0034 27	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	-13.38	-0.0053 50	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	-8.14	-0.0032 55	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	-19.13	-0.0076 49	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	7.37	0.00284 2	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	13.28	0.00512 1	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	10.60	0.00408 8	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	-11.50	-0.0044 35	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	5.59	0.00215 6	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	16.41	0.00632 9	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	10.54	0.00406 5	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	14.91	0.00575 0	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	7.11	0.00274	±2.5	PASS

								2		
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-6.67	-0.0024 84	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	6.29	0.00234 3	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-12.27	-0.0045 70	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-5.02	-0.0018 70	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-16.09	-0.0059 93	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-14.42	-0.0053 71	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-13.90	-0.0051 77	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-2.89	-0.0010 76	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-13.46	-0.0050 13	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-30	-13.10	-0.0052 38	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-20	-14.10	-0.0056 38	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	-14.05	-0.0056 18	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	-16.69	-0.0066 73	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	-4.99	-0.0019 95	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	-18.35	-0.0073 37	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	-9.61	-0.0038 42	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	-15.28	-0.00611 0	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	-4.19	-0.0016 75	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	NV	-30	8.80	0.00339 4	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-20	11.32	0.00436 6	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	6.15	0.00237 2	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	0	5.74	0.00221 4	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	8.88	0.00342 5	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	-4.19	-0.0016 16	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	13.19	0.00508 7	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	11.16	0.00430 4	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	8.38	0.00323 2	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-30	4.38	0.00163 1	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-20	-11.93	-0.0044 43	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	-8.97	-0.0033 41	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	8.98	0.00334 5	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	10.81	0.00402 6	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-9.77	-0.0036 39	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	6.68	0.00248 8	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	-15.16	-0.0056 46	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	-5.29	-0.0019 70	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	4.84	0.00193	±2.5	PASS

								3		
Band41	15MHz	QPSK	39725	75RB#0	NV	-20	-10.60	-0.0042 34	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	7.78	0.00310 8	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-10.10	-0.0040 34	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-8.07	-0.0032 23	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-12.02	-0.0048 01	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-20.60	-0.0082 28	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-14.06	-0.0056 16	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-11.22	-0.0044 82	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	3.69	0.00142 3	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	6.87	0.00264 9	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-5.32	-0.0020 52	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	13.45	0.00518 7	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	12.37	0.00477 1	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	12.86	0.00496 0	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	-6.09	-0.0023 49	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	7.17	0.00276 5	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	-6.97	-0.0026 88	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	-20.00	-0.0074 56	±2.5	PASS

Band41	15MHz	QPSK	41515	75RB#0	NV	-20	-13.53	-0.0050 44	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	-18.22	-0.0067 92	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	-17.54	-0.0065 39	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	-22.59	-0.0084 21	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	-11.86	-0.0044 21	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	-23.52	-0.0087 68	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	-13.42	-0.0050 03	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	-16.35	-0.0060 95	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-30	-13.75	-0.0054 92	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-20	-12.40	-0.0049 53	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	-5.31	-0.0021 21	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	-11.47	-0.0045 82	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-12.39	-0.0049 49	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-4.86	-0.0019 41	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	30	-13.92	-0.0055 60	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-13.60	-0.0054 32	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-12.22	-0.0048 81	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-30	-8.27	-0.0031 89	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-20	11.17	0.00430	±2.5	PASS

								8		
Band41	15MHz	16QAM	40620	75RB#0	NV	-10	10.80	0.00416 5	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	11.74	0.00452 8	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	9.90	0.00381 8	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	4.68	0.00180 5	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-10.59	-0.0040 84	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	10.56	0.00407 3	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	-8.83	-0.0034 05	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-30	-20.97	-0.0078 17	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-20	-17.77	-0.0066 24	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	-24.16	-0.0090 07	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	-19.08	-0.00711 3	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	-12.46	-0.0046 45	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	-14.46	-0.0053 90	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	-24.39	-0.0090 92	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	-26.99	-0.0100 62	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	-19.94	-0.0074 33	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	5.26	0.00209 9	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-4.96	-0.0019 79	±2.5	PASS

Band41	20MHz	QPSK	39750	100RB#0	NV	-10	13.39	0.00534 3	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	14.19	0.00566 2	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	8.60	0.00343 2	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	10.13	0.00404 2	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	9.23	0.00368 3	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	14.72	0.00587 4	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	9.44	0.00376 7	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	9.33	0.00359 8	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	4.09	0.00157 7	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-7.80	-0.0030 08	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	15.72	0.00606 2	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	7.95	0.00306 6	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	11.17	0.00430 8	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	10.00	0.00385 7	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-11.90	-0.0045 89	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	14.13	0.00544 9	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-6.39	-0.0023 84	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	8.60	0.00320 9	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	9.70	0.00361	±2.5	PASS

								9		
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-7.30	-0.0027 24	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	10.01	0.00373 5	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	10.91	0.00407 1	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	10.20	0.00380 6	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	9.90	0.00369 4	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	11.99	0.00447 4	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	9.06	0.00361 5	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	11.13	0.00444 1	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	10.13	0.00404 2	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-7.37	-0.0029 41	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	14.46	0.00577 0	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	7.37	0.00294 1	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-6.38	-0.0025 46	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	13.09	0.00522 3	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	10.37	0.00413 8	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	12.47	0.00480 9	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-8.70	-0.0033 55	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-5.94	-0.0022 91	±2.5	PASS

Band41	20MHz	16QAM	40620	100RB#0	NV	0	13.63	0.00525 6	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	6.94	0.00267 6	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	13.45	0.00518 7	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	12.26	0.00472 8	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-5.48	-0.00211 3	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	13.53	0.00521 8	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	7.65	0.00285 4	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-7.78	-0.0029 03	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	7.20	0.00268 7	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	3.53	0.00131 7	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-7.57	-0.0028 25	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	6.68	0.00249 3	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	8.73	0.00325 7	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	13.53	0.00504 9	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	5.72	0.00213 4	±2.5	PASS

LTE Band41

64QAM Test Data

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	64QAM	39675	1RB#0	22.39	PASS
Band41	5MHz	64QAM	39675	1RB#12	22.41	PASS
Band41	5MHz	64QAM	39675	1RB#24	22.19	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.46	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.51	PASS
Band41	5MHz	64QAM	39675	12RB#13	21.37	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.45	PASS
Band41	5MHz	64QAM	40620	1RB#0	22.48	PASS
Band41	5MHz	64QAM	40620	1RB#12	22.47	PASS
Band41	5MHz	64QAM	40620	1RB#24	22.42	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.40	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.38	PASS
Band41	5MHz	64QAM	40620	12RB#13	21.37	PASS
Band41	5MHz	64QAM	40620	25RB#0	21.40	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.87	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.87	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.84	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.85	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.89	PASS
Band41	5MHz	64QAM	39675	1RB#0	22.13	PASS
Band41	5MHz	64QAM	39675	1RB#12	22.13	PASS
Band41	5MHz	64QAM	39675	1RB#24	22.01	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.50	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.66	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.57	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.49	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.85	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.85	PASS

Band41	5MHz	64QAM	40620	1RB#24	21.59	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.59	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.57	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.53	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.39	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.15	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.05	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.16	PASS
Band41	5MHz	64QAM	41565	12RB#0	19.93	PASS
Band41	5MHz	64QAM	41565	12RB#6	19.88	PASS
Band41	5MHz	64QAM	41565	12RB#13	19.89	PASS
Band41	5MHz	64QAM	41565	25RB#0	19.89	PASS
Band41	10MHz	64QAM	39700	1RB#0	22.07	PASS
Band41	10MHz	64QAM	39700	1RB#24	22.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.89	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.62	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.51	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.47	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.51	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.47	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.47	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.17	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.48	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.52	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.39	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.40	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.29	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.02	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.26	PASS
Band41	10MHz	64QAM	41540	25RB#0	19.99	PASS
Band41	10MHz	64QAM	41540	25RB#12	19.99	PASS
Band41	10MHz	64QAM	41540	25RB#25	19.97	PASS
Band41	10MHz	64QAM	41540	50RB#0	19.91	PASS
Band41	15MHz	64QAM	39725	1RB#0	22.27	PASS
Band41	15MHz	64QAM	39725	1RB#38	22.06	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.97	PASS
Band41	15MHz	64QAM	39725	38RB#0	20.61	PASS

Band41	15MHz	64QAM	39725	38RB#18	20.53	PASS
Band41	15MHz	64QAM	39725	38RB#37	20.28	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.46	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.80	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.85	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.48	PASS
Band41	15MHz	64QAM	40620	38RB#0	20.48	PASS
Band41	15MHz	64QAM	40620	38RB#18	20.45	PASS
Band41	15MHz	64QAM	40620	38RB#37	20.37	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.46	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.58	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.35	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.19	PASS
Band41	15MHz	64QAM	41515	38RB#0	20.16	PASS
Band41	15MHz	64QAM	41515	38RB#18	20.14	PASS
Band41	15MHz	64QAM	41515	38RB#37	20.07	PASS
Band41	15MHz	64QAM	41515	75RB#0	19.99	PASS
Band41	20MHz	64QAM	39750	1RB#0	22.06	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.68	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.73	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.77	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.54	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.48	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.52	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.97	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.69	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.40	PASS
Band41	20MHz	64QAM	40620	50RB#0	20.61	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.52	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.36	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.45	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.76	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.25	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.38	PASS
Band41	20MHz	64QAM	41490	50RB#0	20.13	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.02	PASS
Band41	20MHz	64QAM	41490	50RB#50	19.96	PASS

Band41	20MHz	64QAM	41490	100RB#0	20.04	PASS
--------	-------	-------	-------	---------	-------	------



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	6.72	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	6.67	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	7.19	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	6.04	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	6.57	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	7.50	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	6.23	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	6.63	13	PASS
Band41	15MHz	64QAM	41515	75RB#0	6.42	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	6.06	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	6.44	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	6.66	13	PASS

Test Graphs

Band41-5MHz-64QAM-39675-25RB#0



Band41-5MHz-64QAM-40620-25RB#0



Band41-5MHz-64QAM-41565-25RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-40620-50RB#0



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-40620-75RB#0



Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



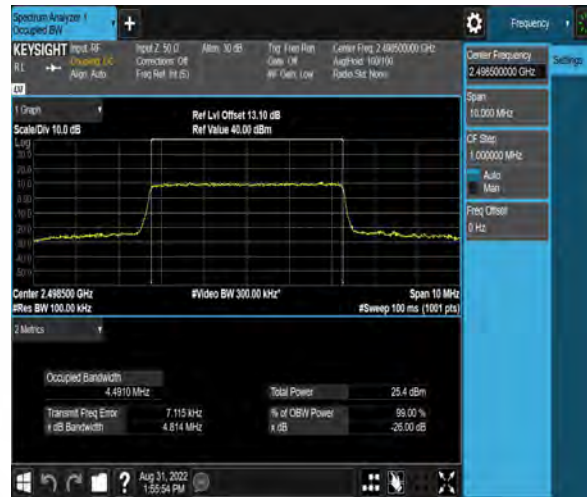
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

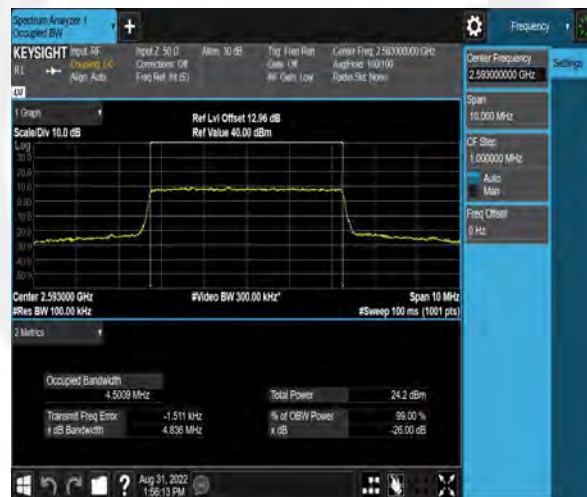
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	4.4910	4.814	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5009	4.836	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.4941	4.831	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9681	9.533	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9731	9.539	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9618	9.525	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.464	14.27	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.451	14.27	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.478	14.24	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.912	18.96	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.910	18.96	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.895	18.95	PASS

Test Graphs

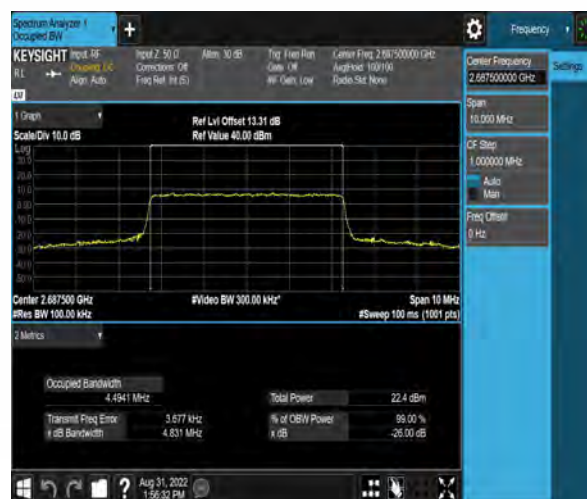
Band41-5MHz-64QAM-39675-25RB#0



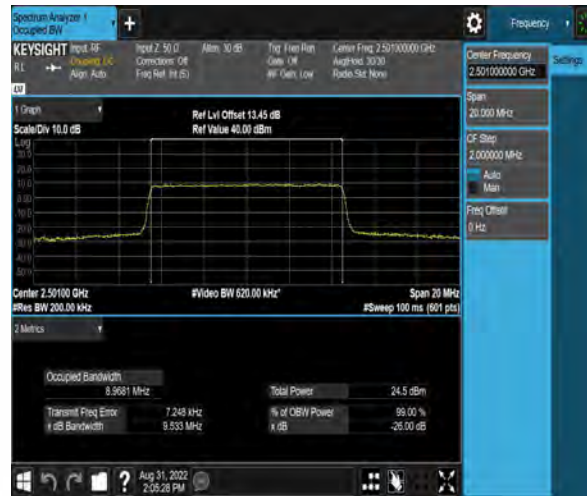
Band41-5MHz-64QAM-40620-25RB#0



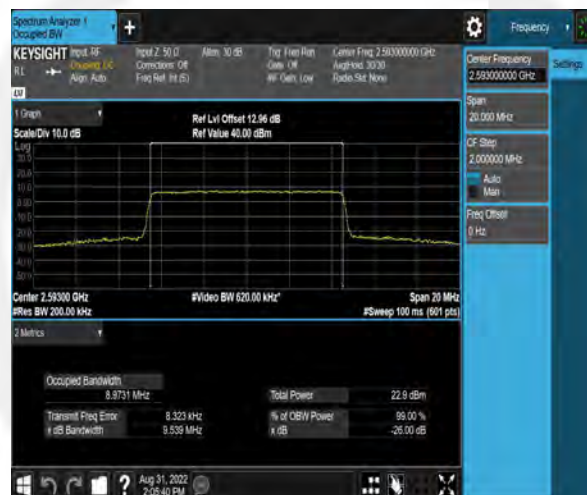
Band41-5MHz-64QAM-41565-25RB#0



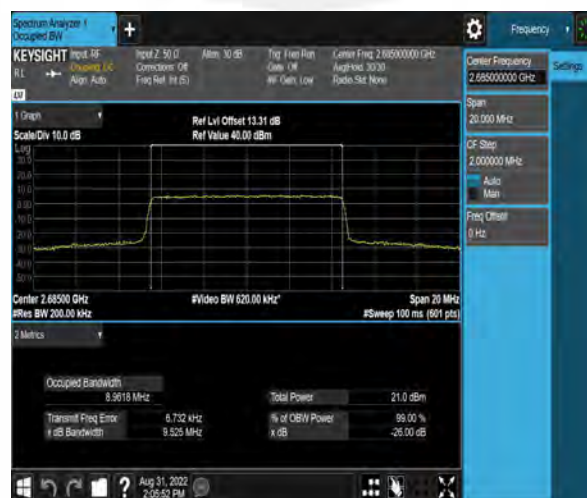
Band41-10MHz-64QAM-39700-50RB#0



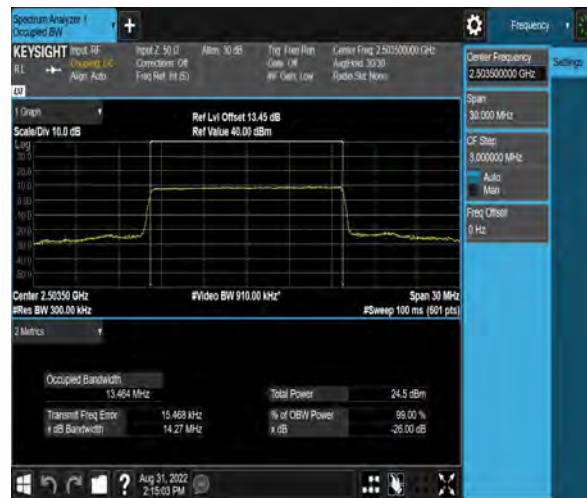
Band41-10MHz-64QAM-40620-50RB#0



Band41-10MHz-64QAM-41540-50RB#0



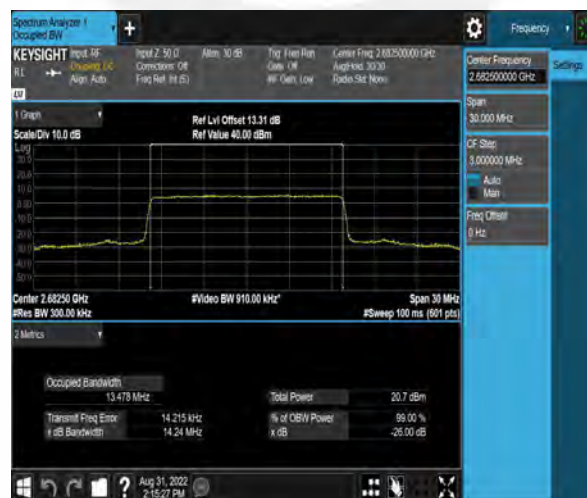
Band41-15MHz-64QAM-39725-75RB#0



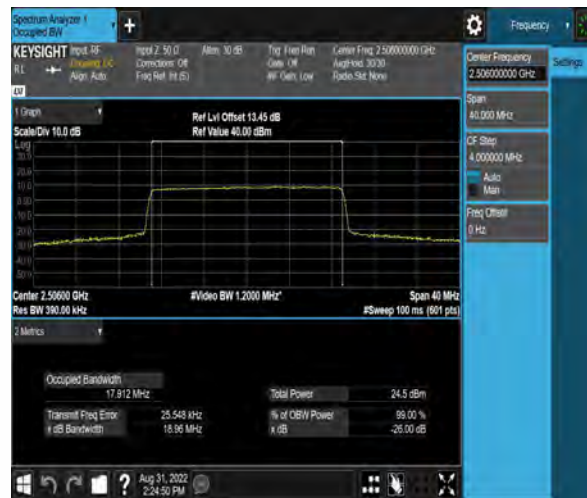
Band41-15MHz-64QAM-40620-75RB#0



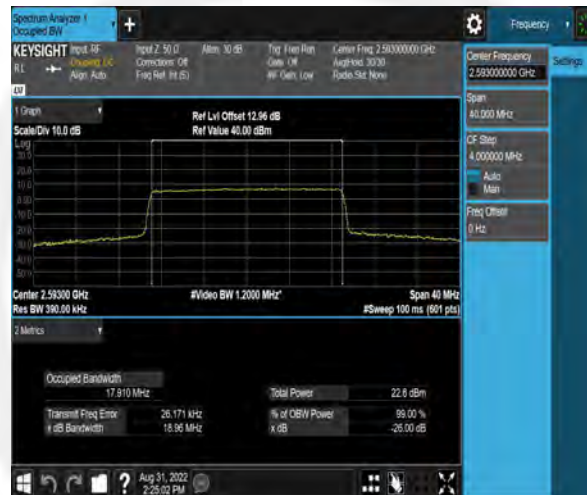
Band41-15MHz-64QAM-41515-75RB#0



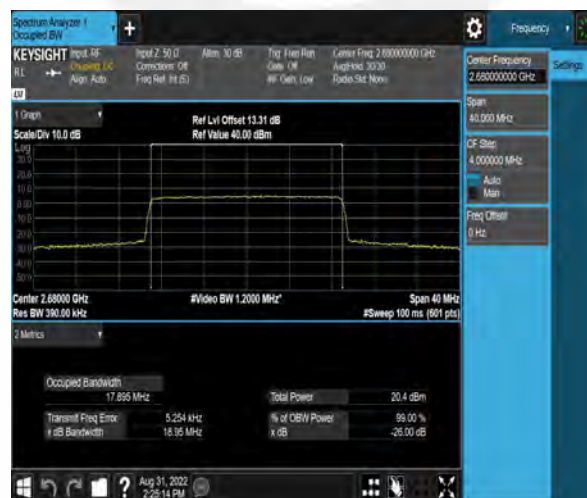
Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	-43.14,-30.35,-29.05	PASS
Band41	5MHz	64QAM	41565	25RB#0	-28.27,-32.17,-44.16,-45.80	PASS
Band41	10MHz	64QAM	39700	50RB#0	-42.23,-31.06,-28.68	PASS
Band41	10MHz	64QAM	41540	50RB#0	-30.40,-31.53,-34.70,-43.65	PASS
Band41	15MHz	64QAM	39725	75RB#0	-42.76,-29.26,-30.26	PASS
Band41	15MHz	64QAM	41515	75RB#0	-30.45,-29.98,-33.34,-42.47	PASS
Band41	20MHz	64QAM	39750	100RB#0	-47.86,-29.87,-27.75	PASS
Band41	20MHz	64QAM	41490	100RB#0	-29.86,-31.51,-32.84,-42.61	PASS



Test Graphs

Band41-5MHz-64QAM-39675-25RB#0



Band41-5MHz-64QAM-41565-25RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-64QAM-39750-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	64QAM	39675	1RB#0	Range1:30~1000MHz	-65.96	PASS
Band41	5MHz	64QAM	39675	1RB#0	Range2:1000~3000MHz	-38.72	PASS
Band41	5MHz	64QAM	39675	1RB#0	Range3:3000~26500MHz	-47.93	PASS
Band41	5MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-65.3	PASS
Band41	5MHz	64QAM	40620	1RB#0	Range2:1000~3000MHz	-39.56	PASS
Band41	5MHz	64QAM	40620	1RB#0	Range3:3000~26500MHz	-46.96	PASS
Band41	5MHz	64QAM	41565	1RB#0	Range1:30~1000MHz	-65	PASS
Band41	5MHz	64QAM	41565	1RB#0	Range2:1000~3000MHz	-39.46	PASS
Band41	5MHz	64QAM	41565	1RB#0	Range3:3000~26500MHz	-48.64	PASS
Band41	10MHz	64QAM	39700	1RB#0	Range1:30~1000MHz	-66.73	PASS
Band41	10MHz	64QAM	39700	1RB#0	Range2:1000~3000MHz	-36.94	PASS
Band41	10MHz	64QAM	39700	1RB#0	Range3:3000~26500MHz	-48.75	PASS
Band41	10MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-67.56	PASS
Band41	10MHz	64QAM	40620	1RB#0	Range2:1000~3000MHz	-38.52	PASS
Band41	10MHz	64QAM	40620	1RB#0	Range3:3000~26500MHz	-46.96	PASS
Band41	10MHz	64QAM	41540	1RB#0	Range1:30~1000MHz	-66.94	PASS
Band41	10MHz	64QAM	41540	1RB#0	Range2:1000~	-38.24	PASS

					3000MHz		
Band41	10MHz	64QAM	41540	1RB#0	Range3:3000~26500MHz	-46.65	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range1:30~1000MHz	-66.79	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range2:1000~3000MHz	-39.68	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range3:3000~26500MHz	-47.35	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-66.58	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range2:1000~3000MHz	-39.66	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range3:3000~26500MHz	-48.47	PASS
Band41	15MHz	64QAM	41515	1RB#0	Range1:30~1000MHz	-67	PASS
Band41	15MHz	64QAM	41515	1RB#0	Range2:1000~3000MHz	-39.42	PASS
Band41	15MHz	64QAM	41515	1RB#0	Range3:3000~26500MHz	-47.32	PASS
Band41	20MHz	64QAM	39750	1RB#0	Range1:30~1000MHz	-66.97	PASS
Band41	20MHz	64QAM	39750	1RB#0	Range2:1000~3000MHz	-39.08	PASS
Band41	20MHz	64QAM	39750	1RB#0	Range3:3000~26500MHz	-47.86	PASS
Band41	20MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-65.5	PASS
Band41	20MHz	64QAM	40620	1RB#0	Range2:1000~3000MHz	-38.99	PASS
Band41	20MHz	64QAM	40620	1RB#0	Range3:3000~26500MHz	-48.08	PASS
Band41	20MHz	64QAM	41490	1RB#0	Range1:30~1000MHz	-66.36	PASS
Band41	20MHz	64QAM	41490	1RB#0	Range2:1000~3000MHz	-39.68	PASS

Band41	20MHz	64QAM	41490	1RB#0	Range3:3000~ 26500MHz	-47.6	PASS
--------	-------	-------	-------	-------	--------------------------	-------	------



Test Graphs

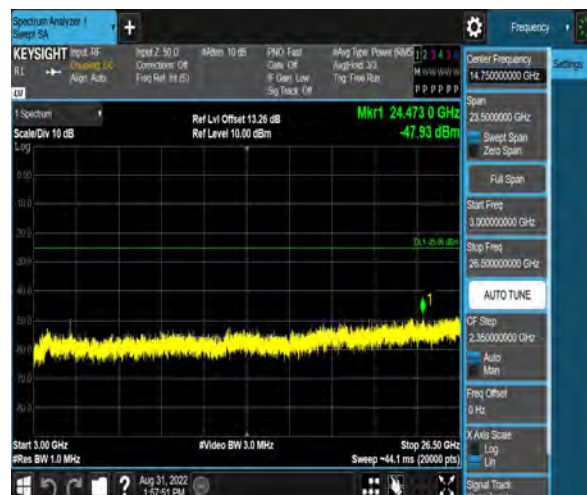
Band41-5MHz-64QAM-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-64QAM-39675-1RB#0-Range2:1000~3000MHz



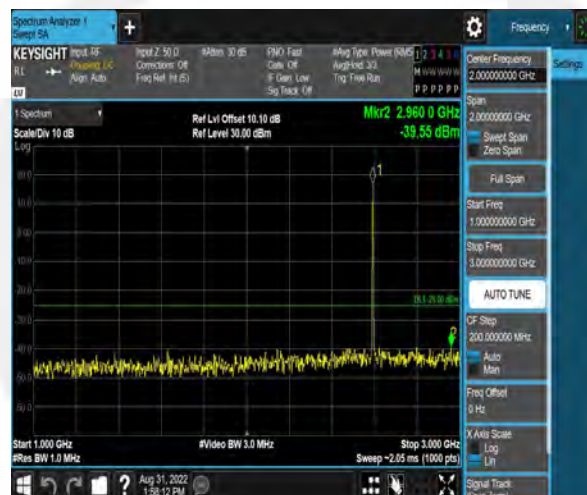
Band41-5MHz-64QAM-39675-1RB#0-Range3:3000~26500MHz



Band41-5MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-64QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-5MHz-64QAM-40620-1RB#0-Range3:3000~26500MHz



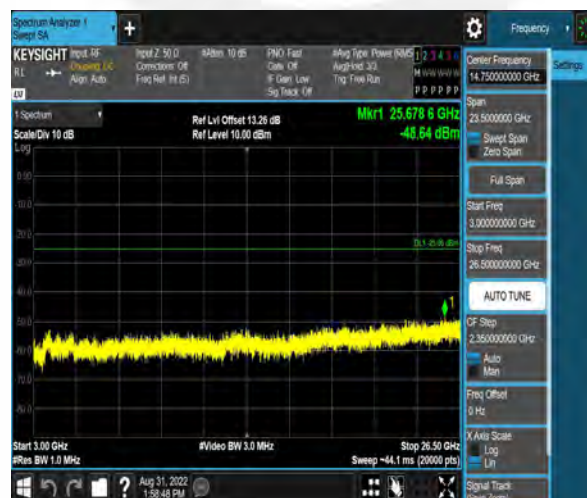
Band41-5MHz-64QAM-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-64QAM-41565-1RB#0-Range2:1000~3000MHz



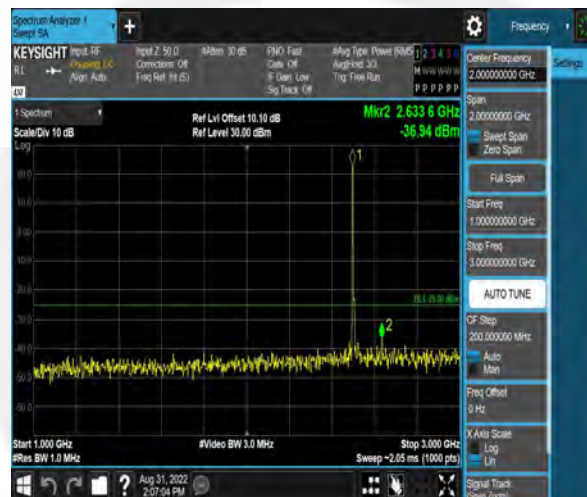
Band41-5MHz-64QAM-41565-1RB#0-Range3:3000~26500MHz



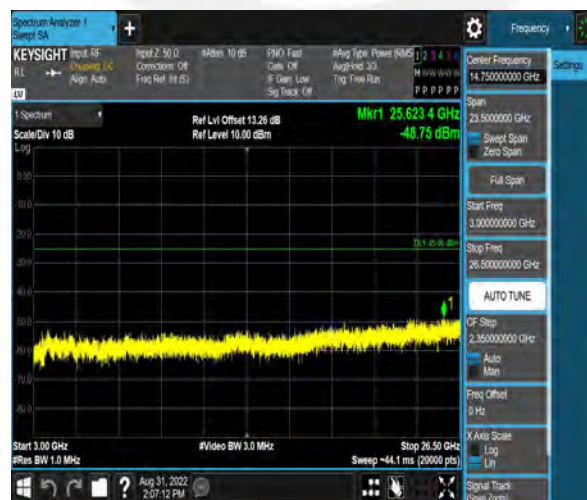
Band41-10MHz-64QAM-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-64QAM-39700-1RB#0-Range2:1000~3000MHz



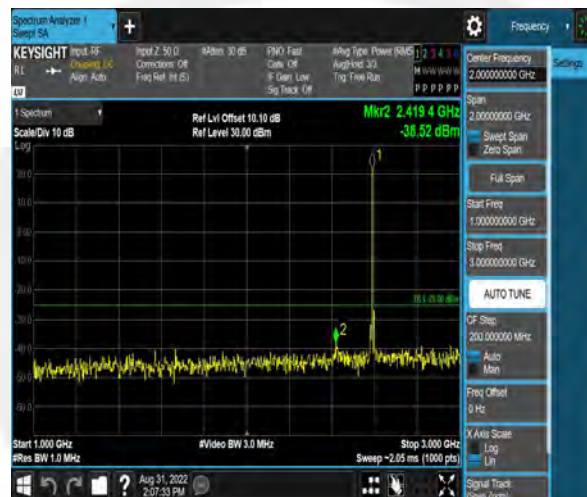
Band41-10MHz-64QAM-39700-1RB#0-Range3:3000~26500MHz



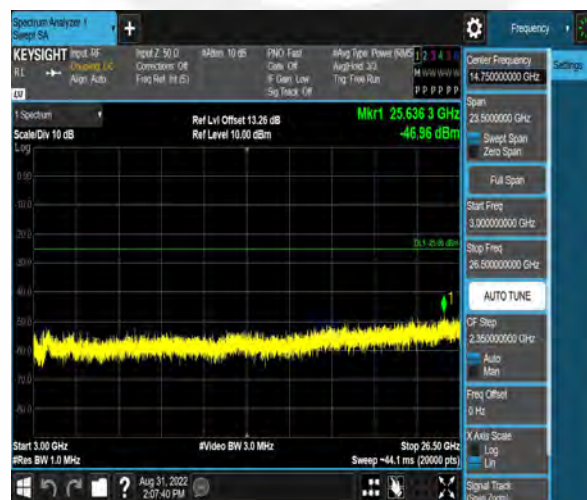
Band41-10MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-64QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-10MHz-64QAM-40620-1RB#0-Range3:3000~26500MHz



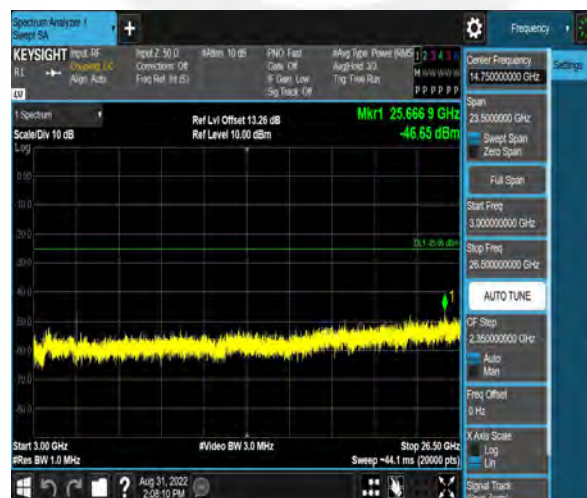
Band41-10MHz-64QAM-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-64QAM-41540-1RB#0-Range2:1000~3000MHz



Band41-10MHz-64QAM-41540-1RB#0-Range3:3000~26500MHz



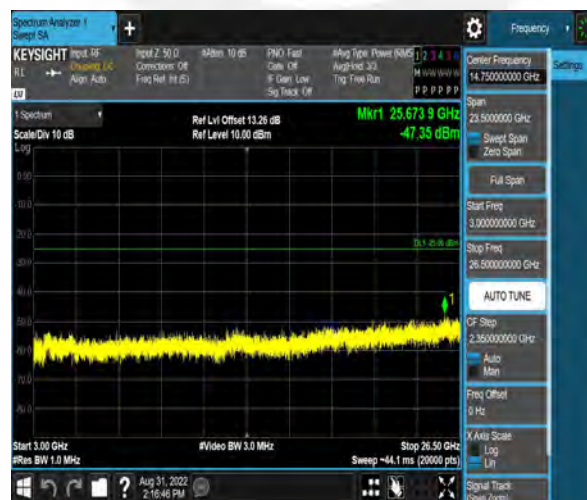
Band41-15MHz-64QAM-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-64QAM-39725-1RB#0-Range2:1000~3000MHz



Band41-15MHz-64QAM-39725-1RB#0-Range3:3000~26500MHz



Band41-15MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



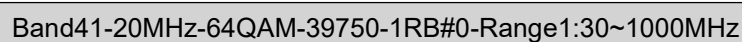
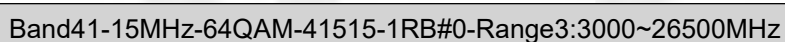
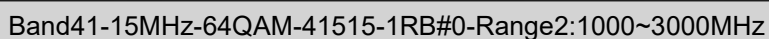
Band41-15MHz-64QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-15MHz-64QAM-40620-1RB#0-Range3:3000~26500MHz



Band41-15MHz-64QAM-41515-1RB#0-Range1:30~1000MHz





Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~3000MHz



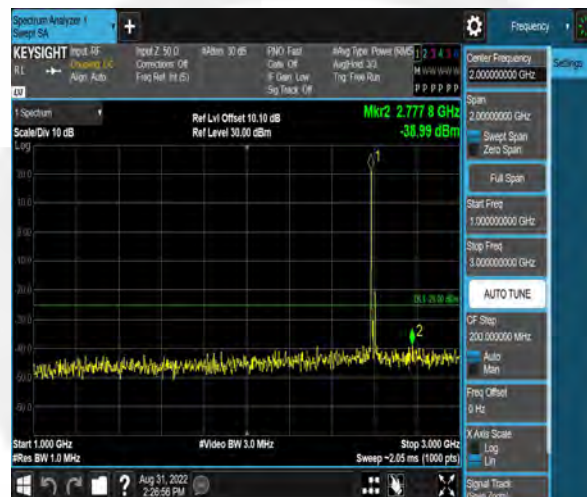
Band41-20MHz-64QAM-39750-1RB#0-Range3:3000~26500MHz



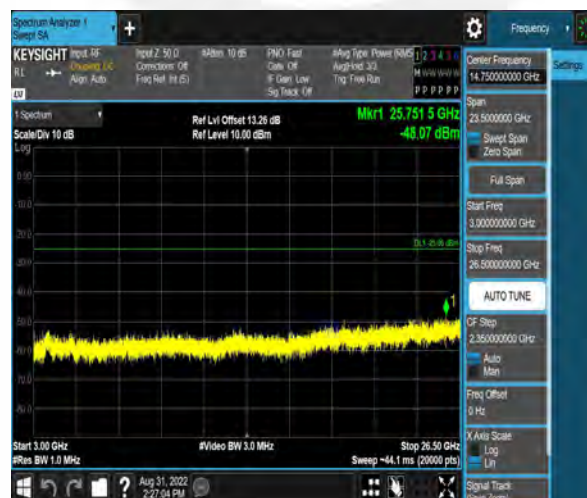
Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-20MHz-64QAM-40620-1RB#0-Range3:3000~26500MHz



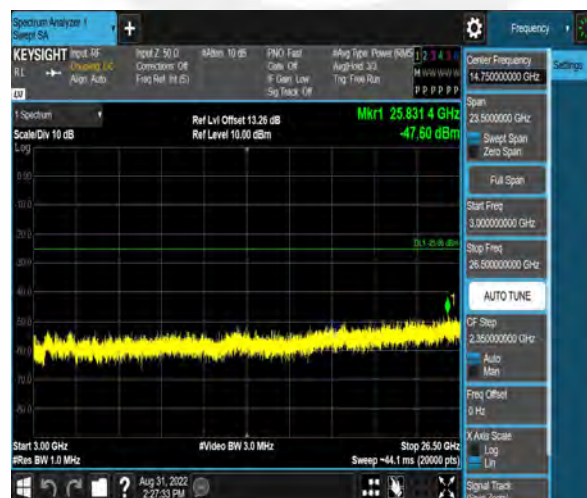
Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~3000MHz



Band41-20MHz-64QAM-41490-1RB#0-Range3:3000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	VL	NT	7.48	0.002994	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	VN	NT	15.46	0.006188	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	VH	NT	3.66	0.001465	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	VL	NT	6.78	0.002615	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	VN	NT	4.63	0.001786	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	VH	NT	6.65	0.002565	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	VL	NT	2.75	0.001023	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	VN	NT	12.72	0.004733	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	VH	NT	12.65	0.004707	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	VL	NT	-11.33	-0.004530	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	VN	NT	-14.48	-0.005790	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	VH	NT	-22.19	-0.008872	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	VL	NT	14.63	0.005642	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	VN	NT	13.38	0.005160	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	VH	NT	7.91	0.003051	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	VL	NT	-15.35	-0.005717	±2.5	PASS

Band41	10MHz	64QAM	41540	50RB#0	VN	NT	-10.51	-0.0039 14	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	VH	NT	-4.22	-0.0015 72	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VL	NT	8.31	0.00331 9	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VN	NT	-11.29	-0.0045 10	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VH	NT	-5.92	-0.0023 65	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VL	NT	4.31	0.00166 2	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VN	NT	8.41	0.00324 3	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VH	NT	11.24	0.00433 5	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VL	NT	-15.13	-0.0056 40	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VN	NT	-15.22	-0.0056 74	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VH	NT	-6.84	-0.0025 50	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	7.48	0.00298 5	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	5.68	0.00226 7	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	12.59	0.00502 4	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-4.94	-0.0019 05	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	13.12	0.00506 0	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-3.92	-0.0015 12	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	7.71	0.00287 7	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	10.94	0.00408	±2.5	PASS

								2		
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	8.00	0.00298 5	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	NV	-30	14.32	0.00573 1	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	-20	9.46	0.00378 6	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	-10	5.79	0.00231 7	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	0	-4.85	-0.0019 41	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	10	3.12	0.00124 9	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	20	-10.01	-0.0040 06	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	30	6.91	0.00276 6	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	40	10.14	0.00405 8	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	50	-18.27	-0.0073 12	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-30	13.29	0.00512 5	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-20	13.12	0.00506 0	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-10	13.52	0.00521 4	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	0	9.58	0.00369 5	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	10	-6.38	-0.0024 60	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	20	8.98	0.00346 3	±2.5	PASS

Band41	5MHz	64QAM	40620	25RB#0	NV	30	11.60	0.00447 4	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	40	8.81	0.00339 8	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	50	10.93	0.00421 5	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-30	5.61	0.00208 7	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-20	-9.18	-0.0034 16	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-10	12.10	0.00450 2	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	0	3.66	0.00136 2	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	10	15.49	0.00576 4	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	20	14.15	0.00526 5	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	30	18.31	0.00681 3	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	40	6.51	0.00242 2	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	50	13.95	0.00519 1	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-30	-12.09	-0.0048 34	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-20	-19.60	-0.0078 37	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-10	-2.42	-0.0009 68	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	0	-6.21	-0.0024 83	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	10	-7.81	-0.0031 23	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	20	-8.87	-0.0035 47	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	30	-7.68	-0.0030	±2.5	PASS

								71		
Band41	10MHz	64QAM	39700	50RB#0	NV	40	-19.34	-0.0077 33	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	50	-12.37	-0.0049 46	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-30	11.01	0.00424 6	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-20	11.62	0.00448 1	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-10	8.84	0.00340 9	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	0	-8.05	-0.0031 05	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	10	-4.35	-0.0016 78	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	20	5.56	0.00214 4	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	30	-2.65	-0.0010 22	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	40	7.93	0.00305 8	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	50	4.75	0.00183 2	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-30	-15.28	-0.0056 91	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-20	4.81	0.00179 1	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-10	-5.92	-0.0022 05	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	0	5.26	0.00195 9	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	10	-5.99	-0.0022 31	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	20	4.39	0.00163 5	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	30	7.02	0.00261 5	±2.5	PASS

Band41	10MHz	64QAM	41540	50RB#0	NV	40	-16.74	-0.0062 35	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	50	-9.53	-0.0035 49	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-30	-18.57	-0.0074 18	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-20	-13.48	-0.0053 84	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-10	-11.99	-0.0047 89	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	0	6.55	0.00261 6	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	10	9.67	0.00386 3	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	20	-10.66	-0.0042 58	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	30	-5.38	-0.0021 49	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	40	5.09	0.00203 3	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	50	9.30	0.00371 5	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-30	11.86	0.00457 4	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-20	13.42	0.00517 5	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-10	6.47	0.00249 5	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	0	-10.10	-0.0038 95	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	10	-7.04	-0.0027 15	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	20	5.49	0.00211 7	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	30	-5.49	-0.00211 7	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	40	13.56	0.00522	±2.5	PASS

								9		
Band41	15MHz	64QAM	40620	75RB#0	NV	50	10.19	0.00393 0	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-30	-20.69	-0.0077 13	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-20	-16.98	-0.0063 30	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-10	-7.31	-0.0027 25	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	0	-10.46	-0.0038 99	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	10	-19.34	-0.0072 10	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	20	-20.97	-0.0078 17	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	30	-12.17	-0.0045 37	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	40	-10.16	-0.0037 88	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	50	-21.11	-0.0078 70	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	3.60	0.00143 7	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	-6.11	-0.0024 38	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	-10.17	-0.0040 58	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	13.63	0.00543 9	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-4.99	-0.0019 91	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	10.01	0.00399 4	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	12.46	0.00497 2	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	-8.41	-0.0033 56	±2.5	PASS

Band41	20MHz	64QAM	39750	100RB#0	NV	50	10.96	0.00437 4	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	10.73	0.00413 8	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	5.38	0.00207 5	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	-7.70	-0.0029 70	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-6.59	-0.0025 41	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	-3.81	-0.0014 69	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	7.27	0.00280 4	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	5.66	0.00218 3	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	-7.40	-0.0028 54	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	13.92	0.00536 8	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	7.77	0.00289 9	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	6.55	0.00244 4	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	-4.81	-0.0017 95	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	3.85	0.00143 7	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-5.06	-0.0018 88	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	5.59	0.00208 6	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	12.82	0.00478 4	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-9.70	-0.0036 19	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	6.18	0.00230	±2.5	PASS

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

