LTE Band41
QPSK/16QAM Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
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

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

Band41-5MHz-16QAM-40620-1RB#0

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

Band41-5MHz-16QAM-41565-1RB#0

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

Band41-10MHz-QPSK-39700-1RB#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

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

Band41-10MHz-16QAM-40620-1RB#0

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

Band41-10MHz-16QAM-41540-1RB#0

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

Band41-15MHz-QPSK-39725-1RB#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

Band41-15MHz-16QAM-41515-1RB#0

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

Band41-20MHz-QPSK-39750-1RB#0

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

Band41-20MHz-QPSK-40620-1RB#0

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

Band41-20MHz-16QAM-41490-1RB#0

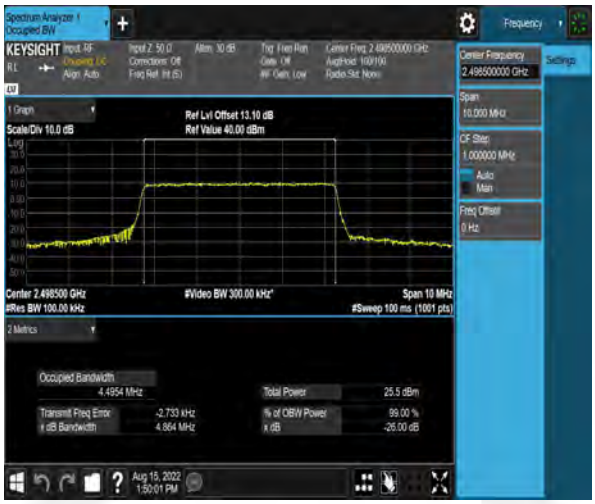
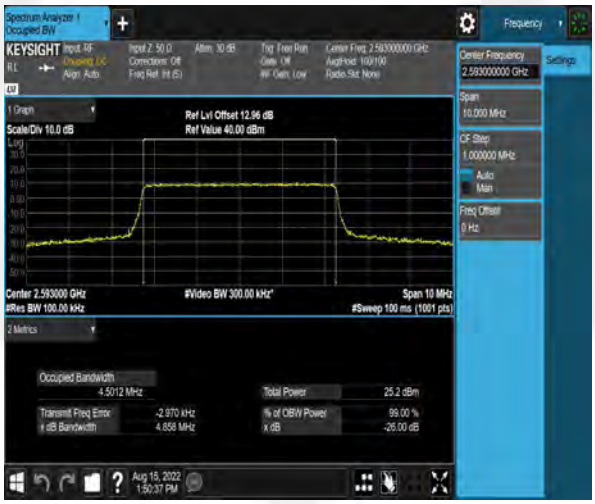
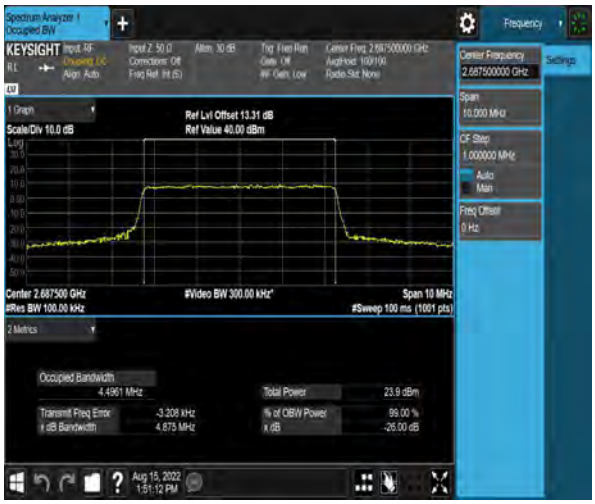
Band41-20MHz-16QAM-41490-100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

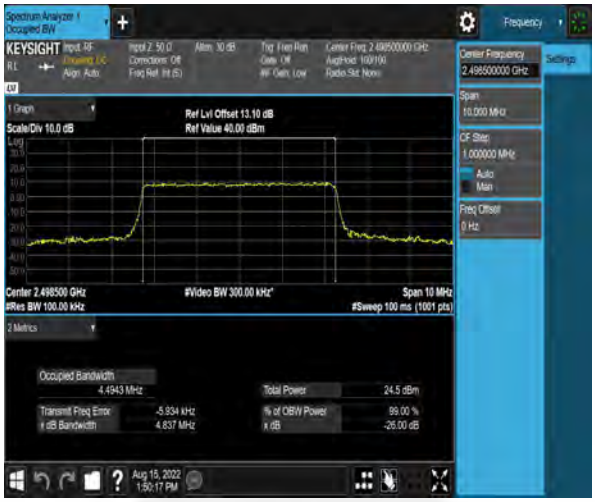
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	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

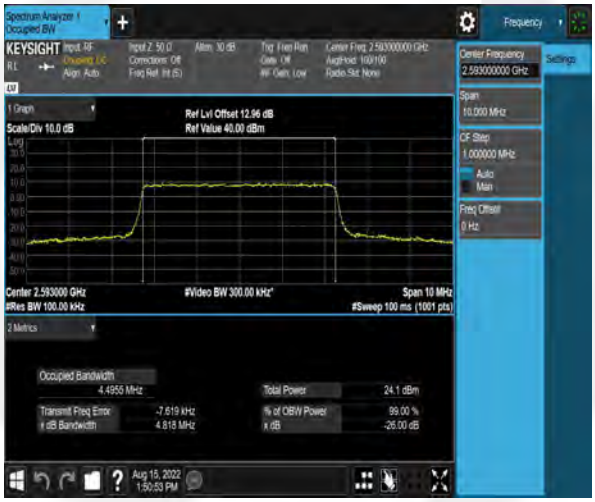
Test Graphs

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

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

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


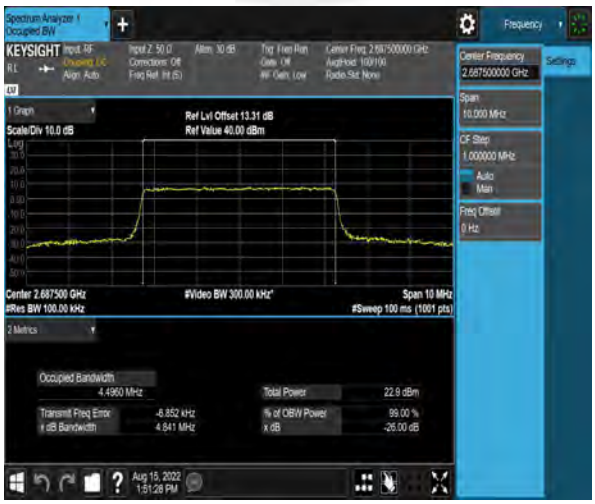
Band41-5MHz-16QAM-39675-25RB#0



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

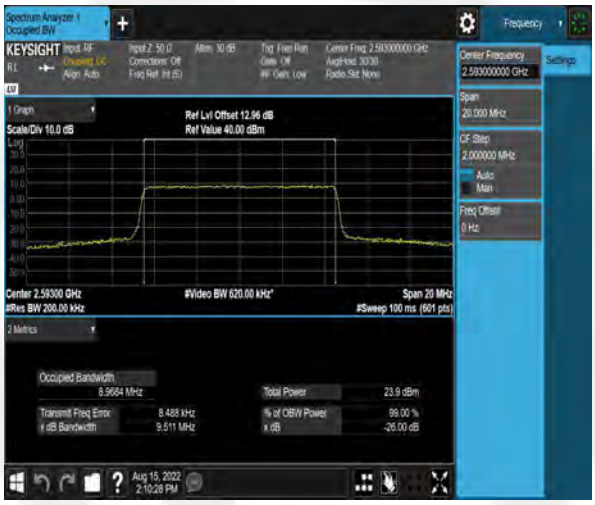


Band41-5MHz-16QAM-41565-25RB#0

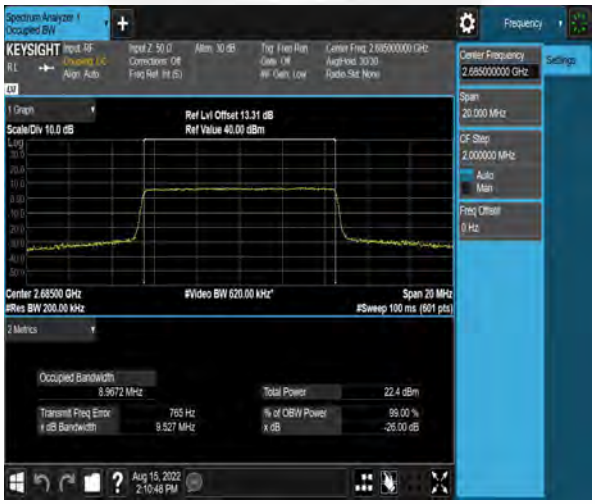


Band41-10MHz-QPSK-39700-50RB#0

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



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



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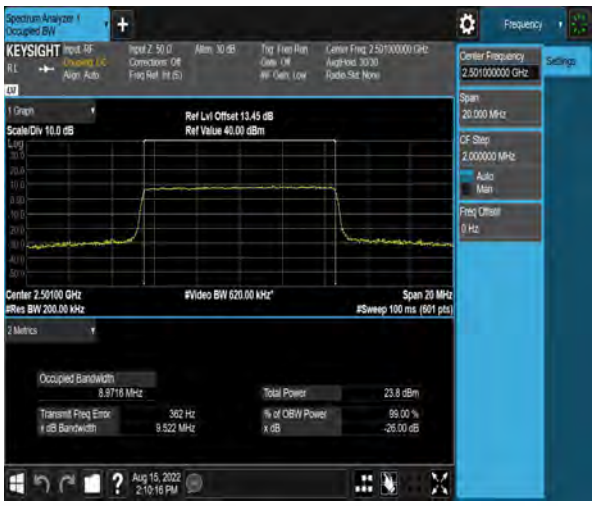
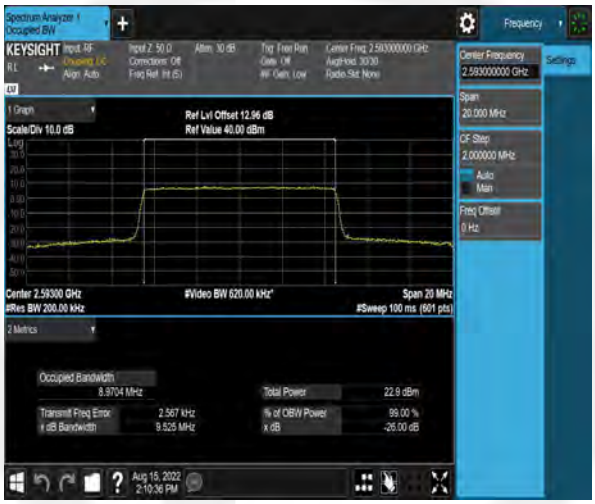
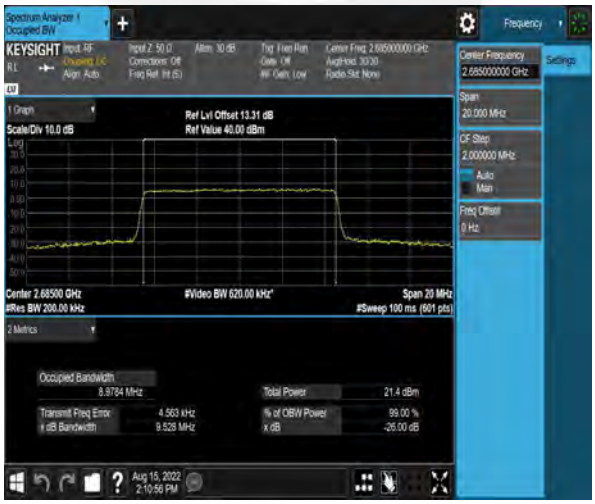


Band41-10MHz-16QAM-40620-50RB#0

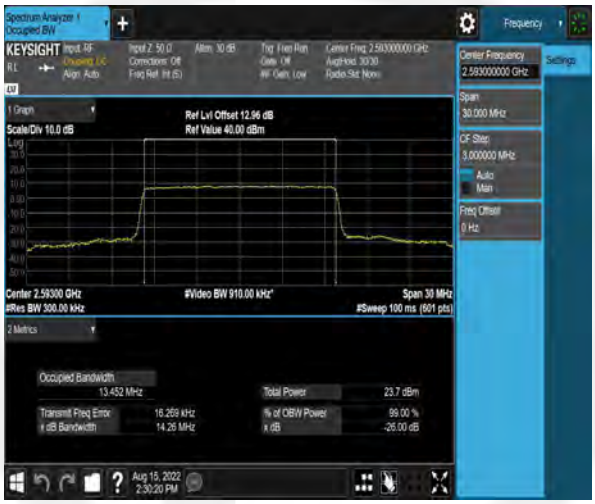


Band41-10MHz-16QAM-41540-50RB#0

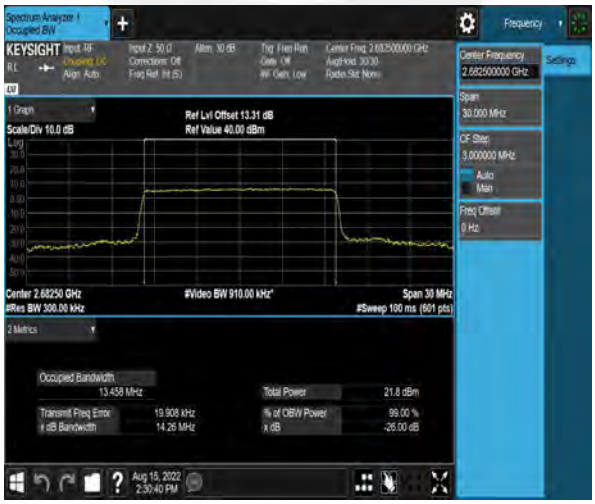


Band41-15MHz-QPSK-39725-75RB#0

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

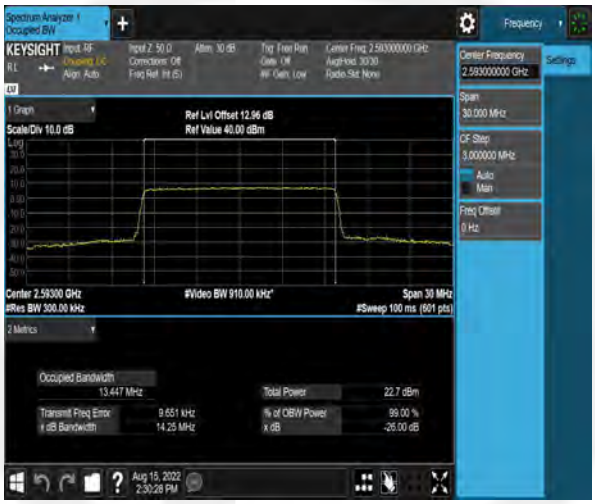


Band41-15MHz-QPSK-41515-75RB#0



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

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



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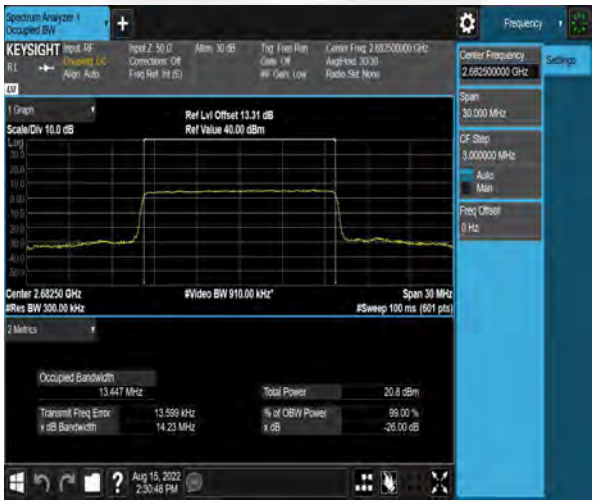
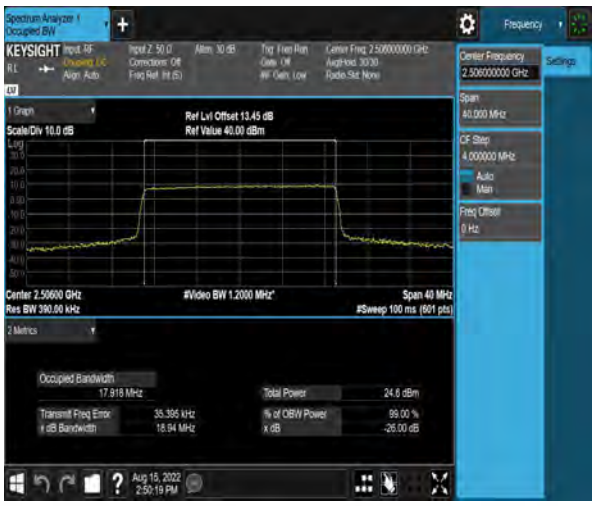
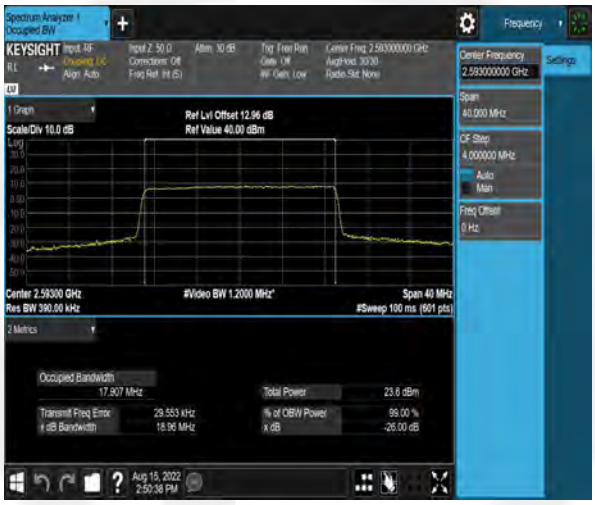


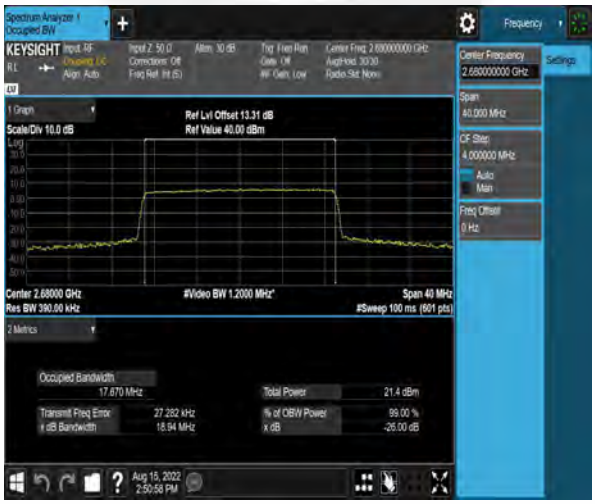
Band41-20MHz-QPSK-39750-100RB#0



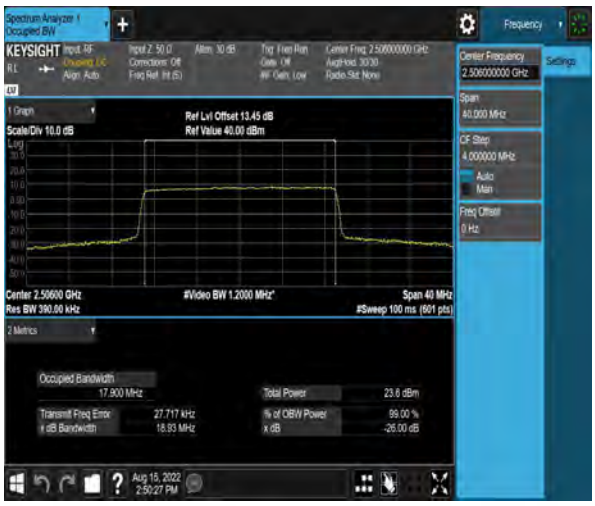
Band41-20MHz-QPSK-40620-100RB#0



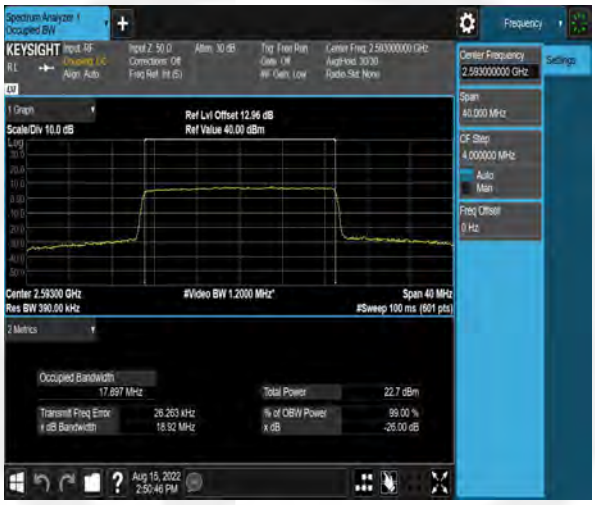
Band41-20MHz-QPSK-41490-100RB#0



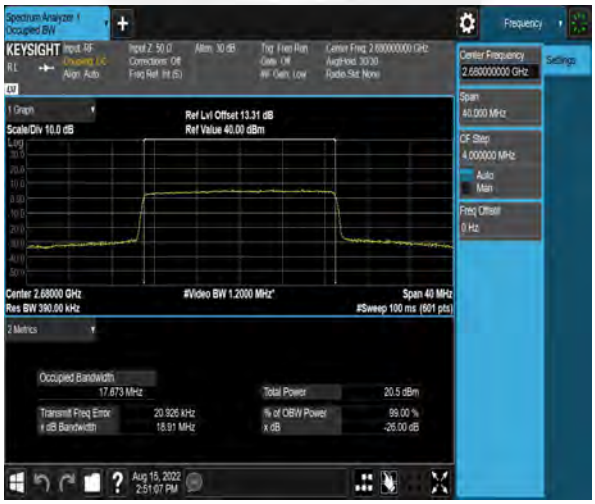
Band41-20MHz-16QAM-39750-100RB#0



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

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

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

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

Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Ref Lvl Offset 13.31 dB
Ref Level 33.31 dBm
Mkr4 2.710 164 1 GHz
-43.819 dBm
Scale/Div 10 dB
Trace 1 Pass
Center 2.69000 GHz
#Res BW 390 kHz
#Video BW 1.2 MHz*
Span 47.82 MHz
#Sweep 100 ms (601 pts)
Center Frequency
2.690000000 GHz
Span
47.8200000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.666090000 GHz
Stop Freq
2.713910000 GHz
AUTO TUNE
CF Step
4.782000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Aug 15, 2022
2:53:45 PM

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

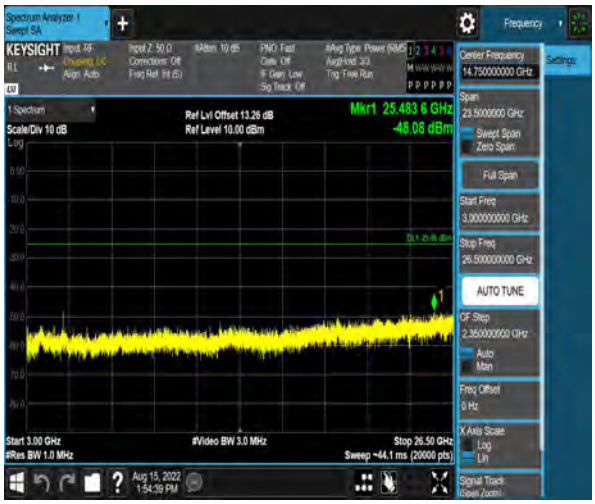
Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-47.66	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-66.2	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-38.52	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-47.95	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.43	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

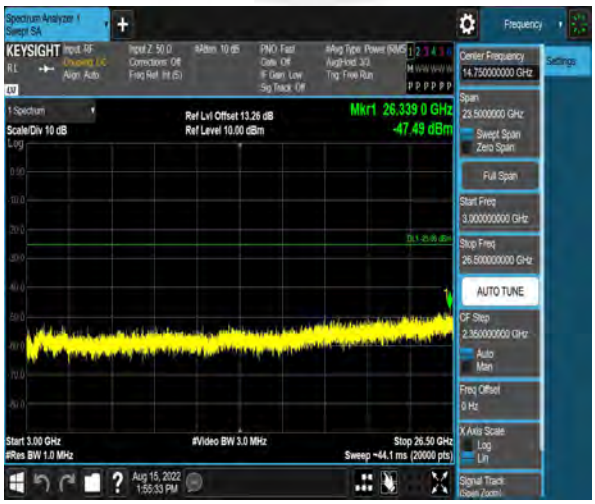
Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~3000MHz

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


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

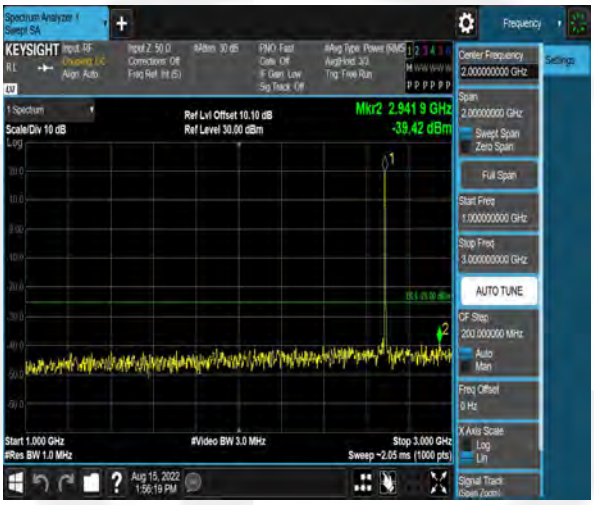
Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz

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

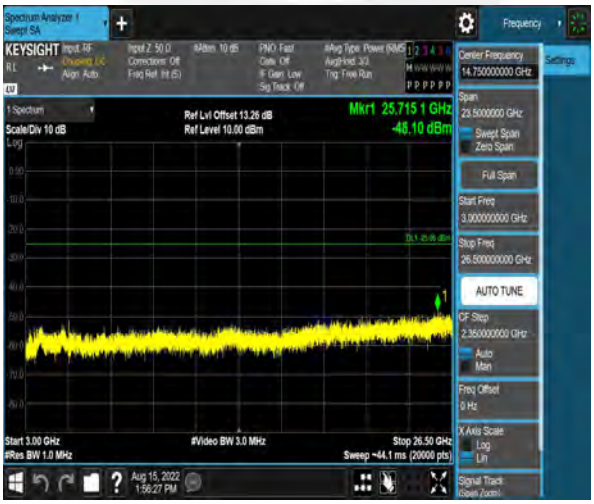


Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz

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



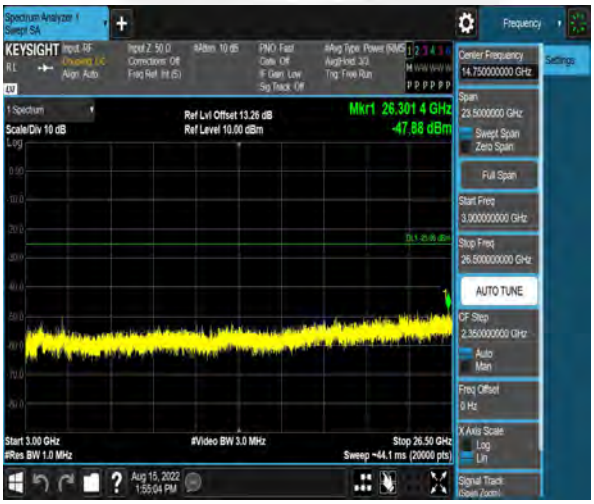
Band41-5MHz-QPSK-41565-1RB#0-Range3:3000~26500MHz



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

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

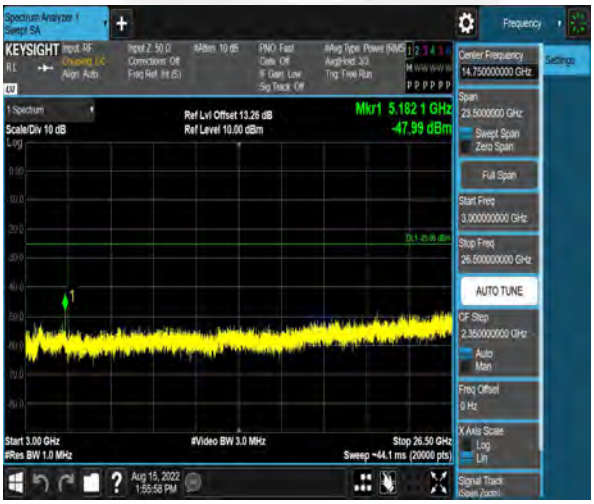
Band41-5MHz-16QAM-39675-1RB#0-Range3:3000~26500MHz



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

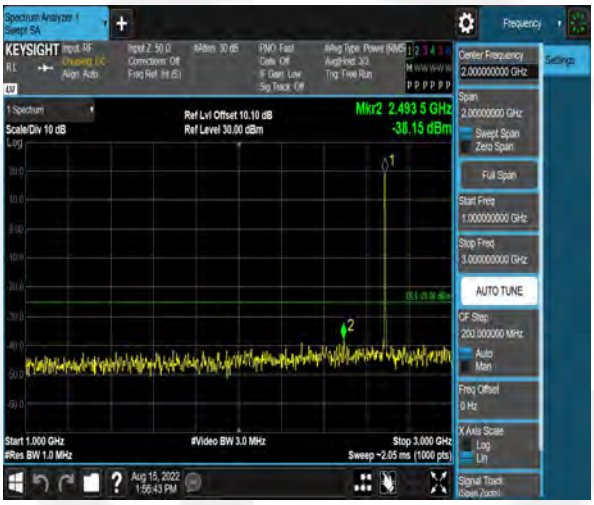
Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz

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

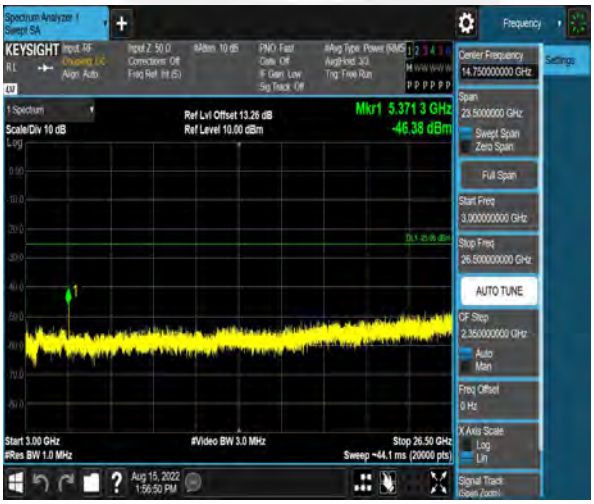


Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz

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

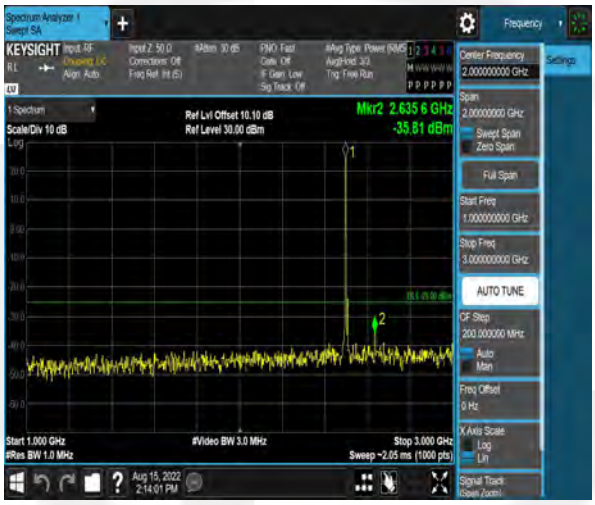


Band41-5MHz-16QAM-41565-1RB#0-Range3:3000~26500MHz

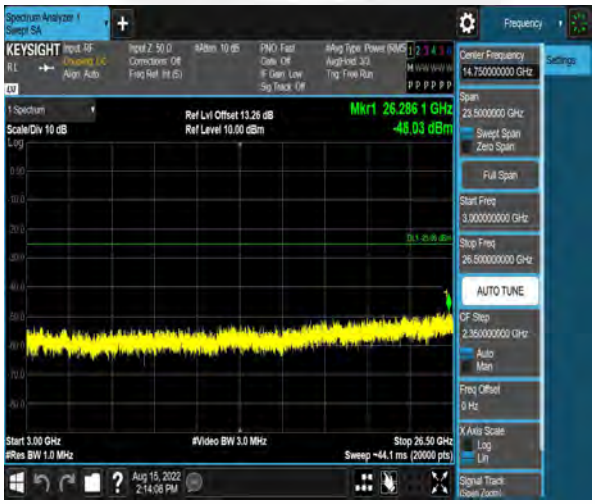


Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz

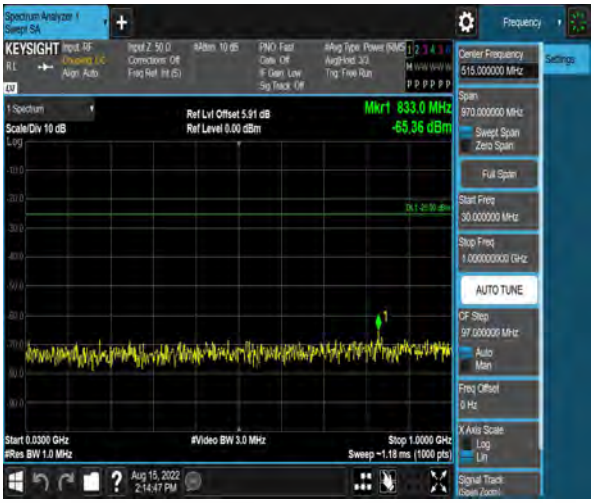
Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~3000MHz



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

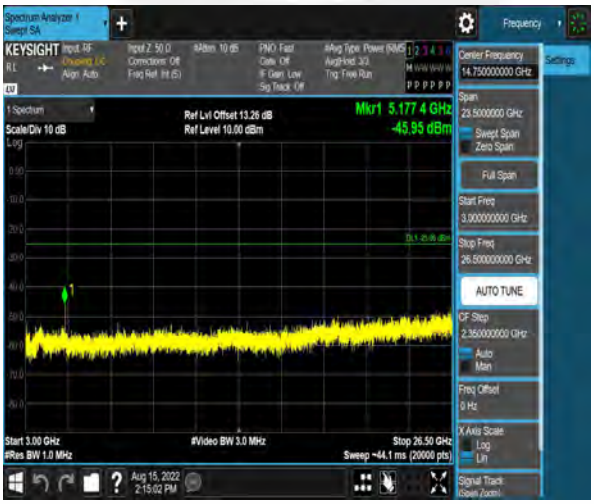


Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

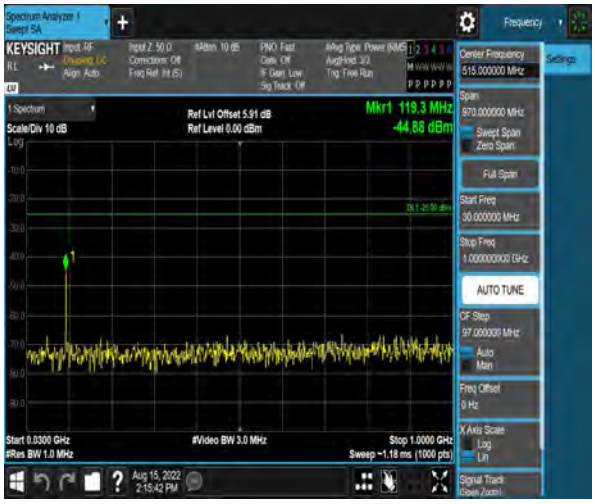


Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz

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

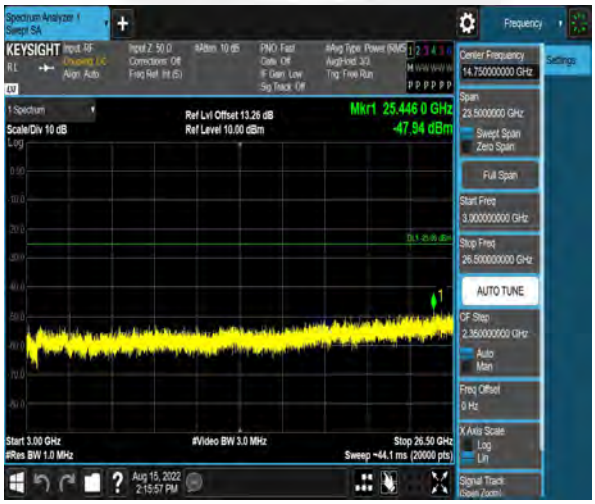


Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



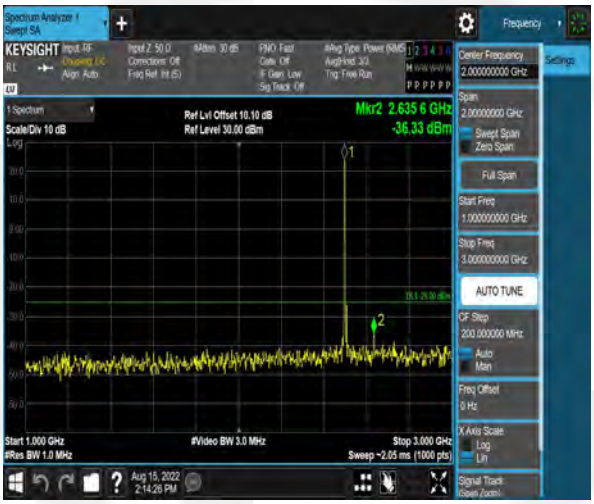
Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~3000MHz

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

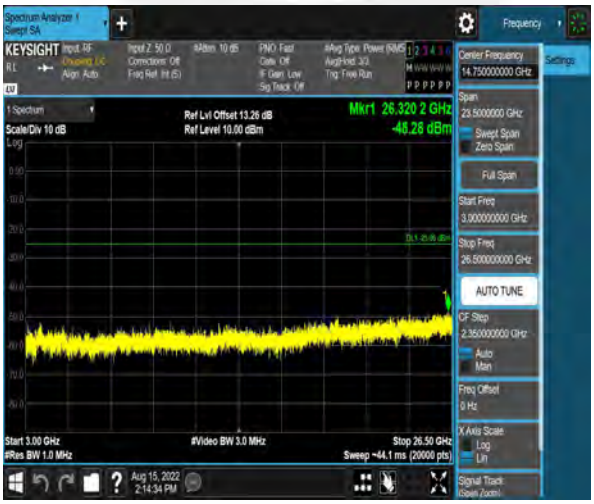


Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz

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

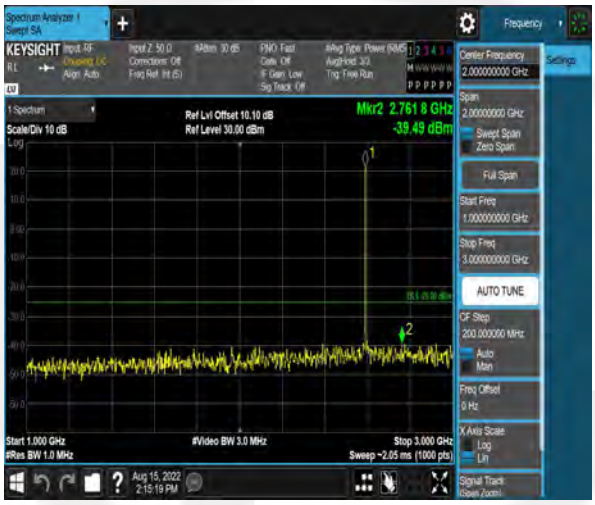


Band41-10MHz-16QAM-39700-1RB#0-Range3:3000~26500MHz

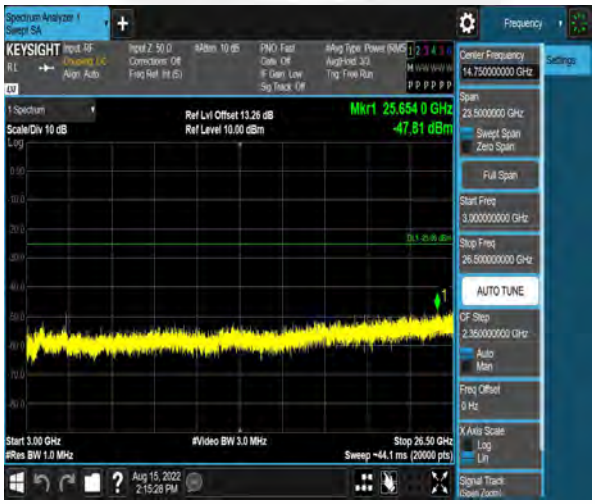


Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz

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



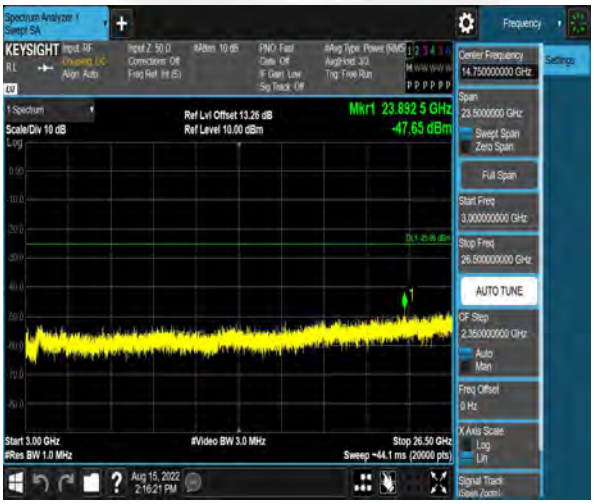
Band41-10MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



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

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

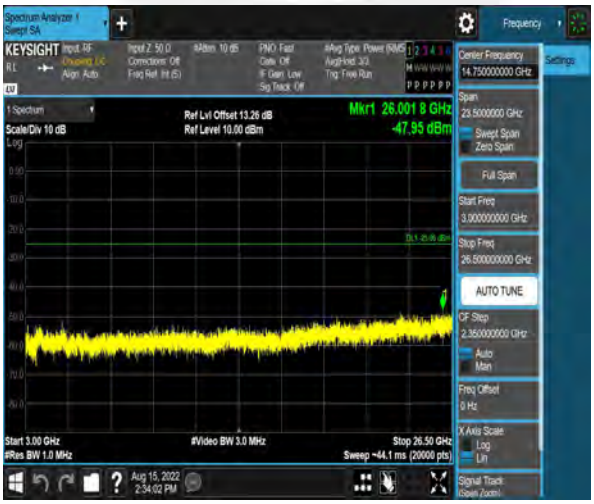
Band41-10MHz-16QAM-41540-1RB#0-Range3:3000~26500MHz



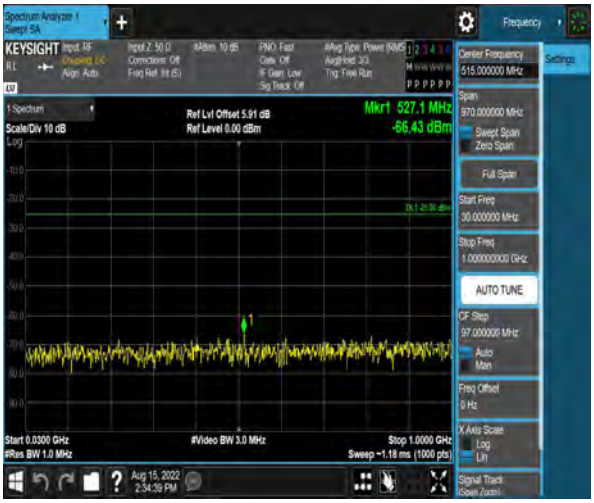
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz

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

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

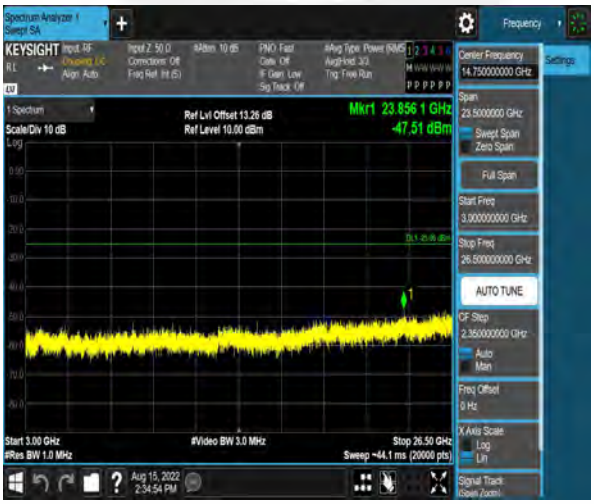


Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



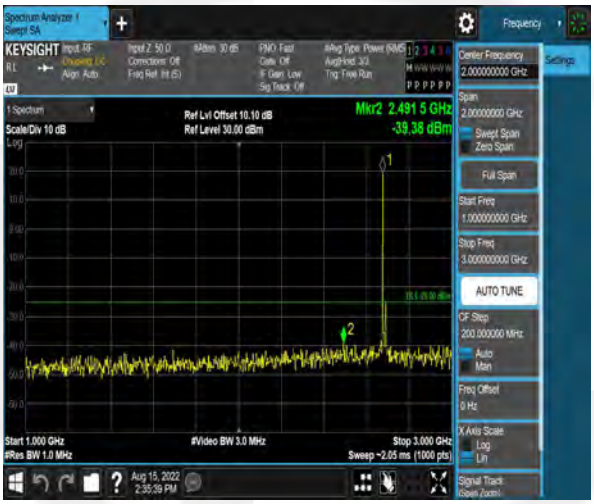
Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz

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

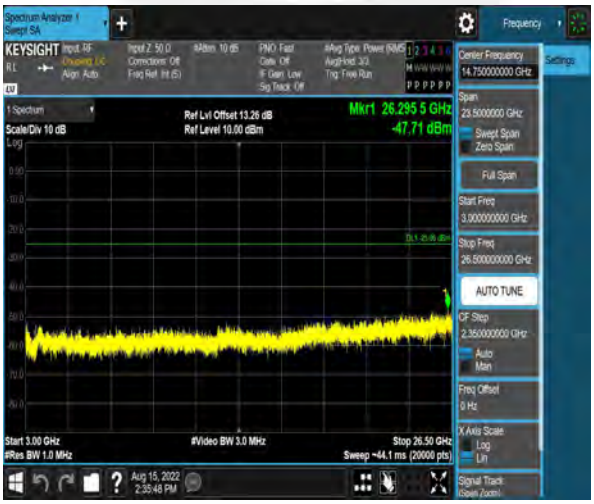


Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz

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



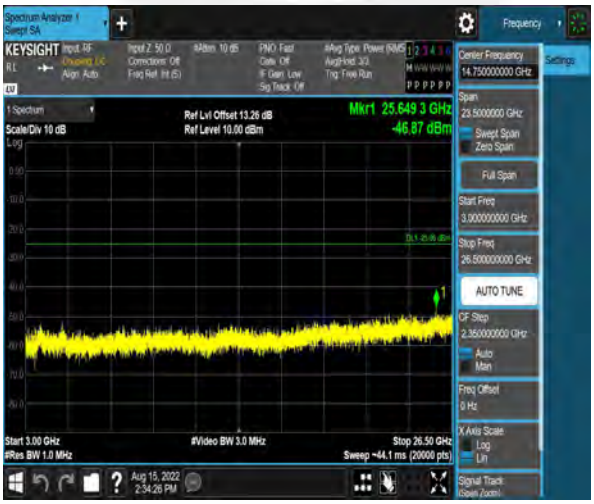
Band41-15MHz-QPSK-41515-1RB#0-Range3:3000~26500MHz



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

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

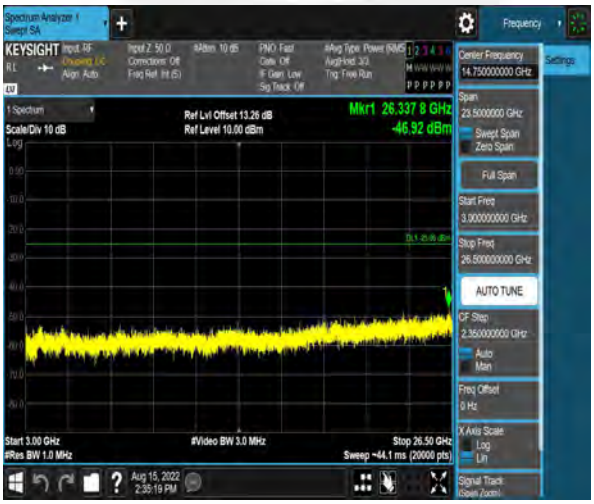
Band41-15MHz-16QAM-39725-1RB#0-Range3:3000~26500MHz



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

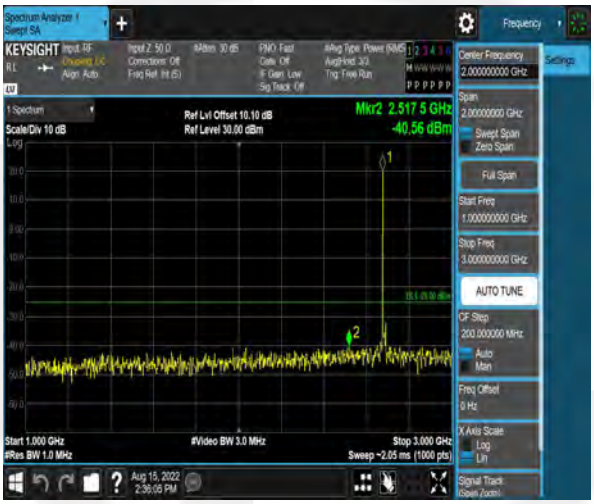
Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz

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

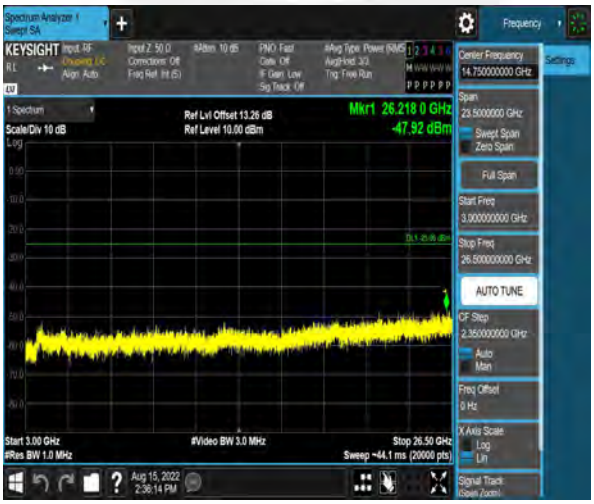


Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz

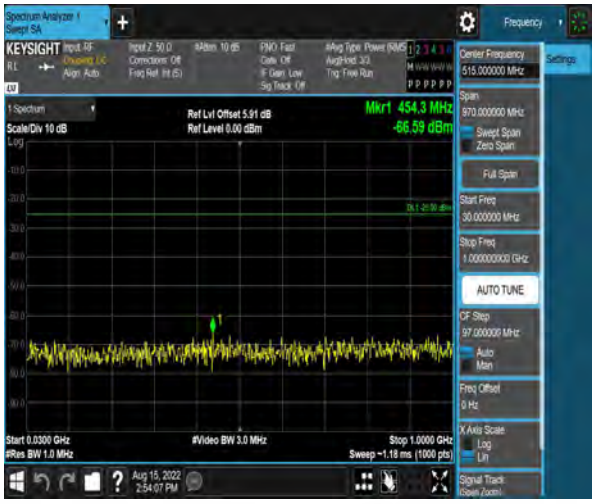
Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~3000MHz



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

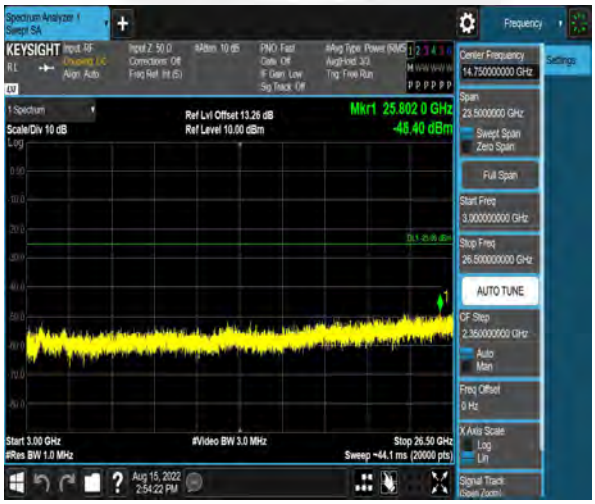


Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



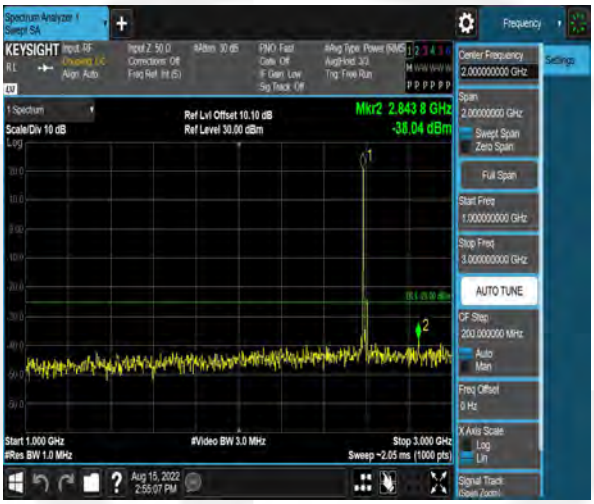
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~3000MHz

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

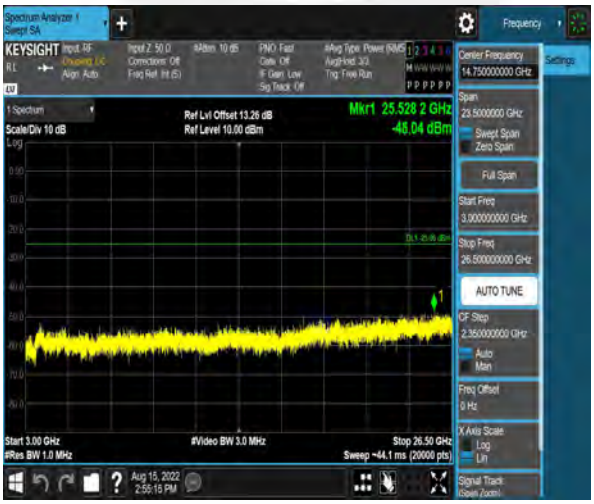


Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

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

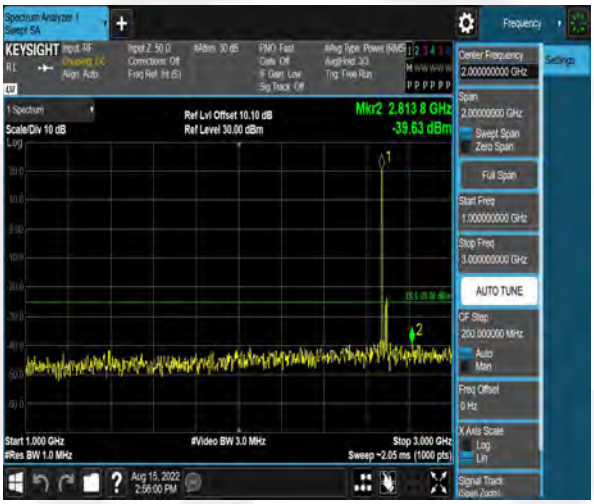


Band41-20MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz

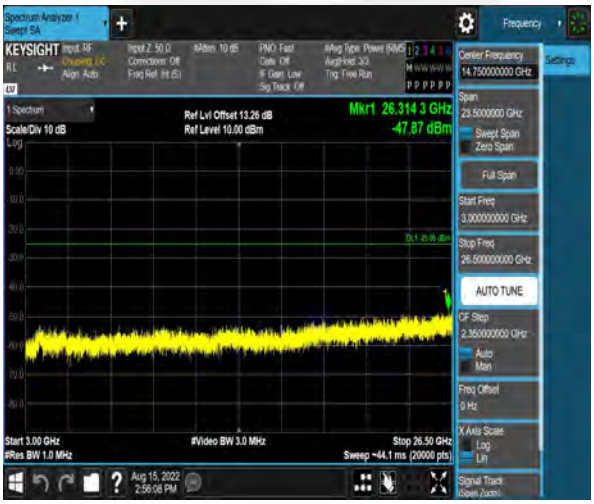


Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz

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



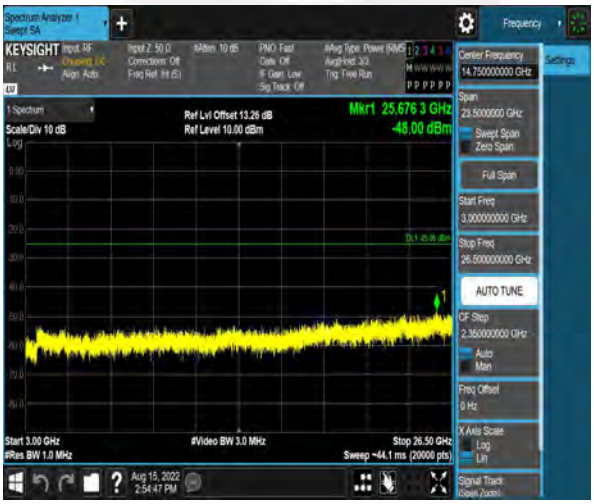
Band41-20MHz-QPSK-41490-1RB#0-Range3:3000~26500MHz



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

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

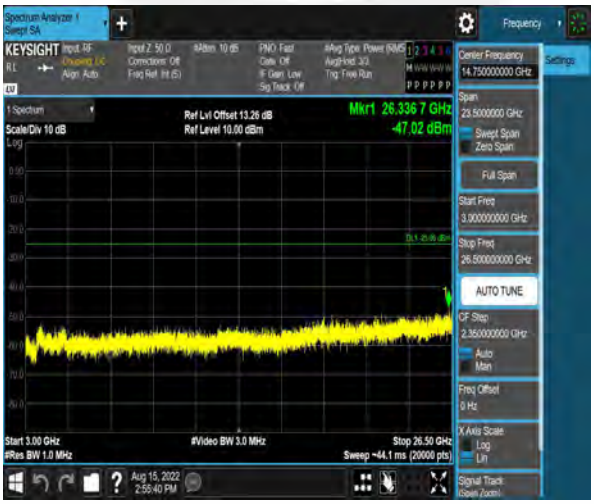
Band41-20MHz-16QAM-39750-1RB#0-Range3:3000~26500MHz



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

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

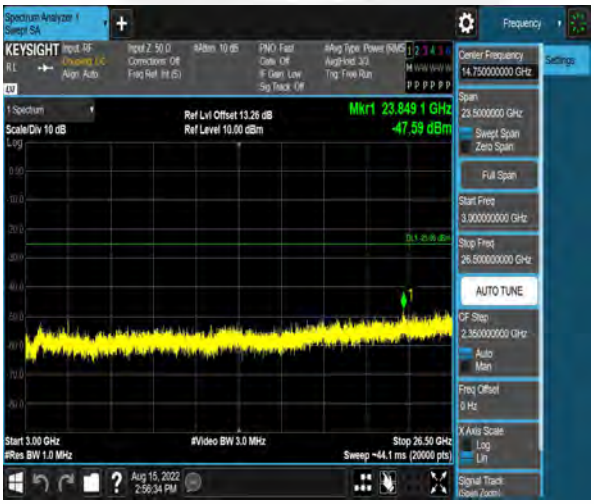
Band41-20MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



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 (℃)	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	0.002002	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	8.78	0.003267	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	-16.97	-0.006785	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	-21.04	-0.008413	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	-12.53	-0.005010	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	-6.55	-0.002526	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	12.02	0.004636	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	12.62	0.004867	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-11.42	-0.004253	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-14.25	-0.005307	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-17.08	-0.006361	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	-14.58	-0.005830	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	-18.67	-0.007465	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	-13.02	-0.005206	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	9.66	0.003725	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	7.90	0.003047	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VH	NT	6.75	0.002603	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	-15.31	-0.005702	±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	-0.002317	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	-11.29	-0.004510	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-14.79	-0.005908	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	-15.15	-0.006052	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	12.80	0.004936	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	12.53	0.004832	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	10.14	0.003911	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	-17.44	-0.006501	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	-17.51	-0.006527	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	-20.57	-0.007668	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	-17.29	-0.006906	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	-11.64	-0.004649	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	-10.51	-0.004198	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	8.94	0.003448	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	-6.05	-0.002333	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	-5.46	-0.002106	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	-18.70	-0.006971	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	-4.92	-0.001834	±2.5	PASS

Band41	15MHz	16QAM	41515	75RB#0	VH	NT	-18.87	-0.007034	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	11.29	0.004505	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	9.84	0.003927	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	8.18	0.003264	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	15.08	0.005816	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-7.61	-0.002935	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	15.85	0.006113	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-12.46	-0.004649	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	11.40	0.004254	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-6.52	-0.002433	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	18.50	0.007382	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-13.83	-0.005519	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-6.75	-0.002694	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	5.32	0.002052	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	7.70	0.002970	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	11.23	0.004331	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	15.03	0.005608	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	9.36	0.003493	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-9.54	-0.0035	±2.5	PASS

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Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-30	13.02	0.005211	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	7.01	0.002806	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	17.84	0.007140	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	5.69	0.002277	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	18.25	0.007304	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	-8.84	-0.003538	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	-7.34	-0.002938	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	5.06	0.002025	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	-7.17	-0.002870	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	12.30	0.004744	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-7.28	-0.002808	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	4.08	0.001573	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	12.56	0.004844	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-8.20	-0.003162	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	15.55	0.005997	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	5.66	0.002183	±2.5	PASS

Band41	5MHz	QPSK	40620	25RB#0	NV	40	6.61	0.002549	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	13.00	0.005013	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	12.36	0.004599	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	10.76	0.004004	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	14.98	0.005574	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	-7.18	-0.002672	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	15.59	0.005801	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-5.26	-0.001957	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	14.31	0.005325	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-2.26	-0.000841	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	12.13	0.004513	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-30	14.10	0.005643	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-20	9.91	0.003966	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	10.96	0.004387	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	13.28	0.005315	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	4.99	0.001997	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	7.61	0.003046	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	15.08	0.006036	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	10.17	0.00407	±2.5	PASS

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Band41	5MHz	16QAM	39675	25RB#0	NV	50	13.65	0.005463	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	-5.74	-0.002214	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	16.78	0.006471	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	11.00	0.004242	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	16.19	0.006244	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	9.37	0.003614	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	15.66	0.006039	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	12.50	0.004821	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	13.36	0.005152	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	14.79	0.005704	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-30	9.56	0.003557	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-20	16.85	0.006270	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	-7.41	-0.002757	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	14.78	0.005500	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	15.23	0.005667	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	15.64	0.005820	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	17.04	0.006340	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	7.57	0.002817	±2.5	PASS

Band41	5MHz	16QAM	41565	25RB#0	NV	50	8.91	0.003315	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	-18.97	-0.007585	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	-4.56	-0.001823	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	-6.85	-0.002739	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	-9.07	-0.003627	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	-10.19	-0.004074	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	-8.57	-0.003427	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	-13.38	-0.005350	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	-8.14	-0.003255	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	-19.13	-0.007649	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	7.37	0.002842	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	13.28	0.005121	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	10.60	0.004088	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	-11.50	-0.004435	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	5.59	0.002156	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	16.41	0.006329	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	10.54	0.004065	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	14.91	0.005750	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	7.11	0.00274	±2.5	PASS

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Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-6.67	-0.002484	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	6.29	0.002343	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-12.27	-0.004570	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-5.02	-0.001870	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-16.09	-0.005993	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-14.42	-0.005371	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-13.90	-0.005177	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-2.89	-0.001076	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-13.46	-0.005013	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-30	-13.10	-0.005238	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-20	-14.10	-0.005638	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	-14.05	-0.005618	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	-16.69	-0.006673	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	-4.99	-0.001995	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	-18.35	-0.007337	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	-9.61	-0.003842	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	-15.28	-0.006110	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	-4.19	-0.001675	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	NV	-30	8.80	0.003394	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-20	11.32	0.004366	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	6.15	0.002372	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	0	5.74	0.002214	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	8.88	0.003425	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	-4.19	-0.001616	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	13.19	0.005087	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	11.16	0.004304	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	8.38	0.003232	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-30	4.38	0.001631	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-20	-11.93	-0.004443	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	-8.97	-0.003341	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	8.98	0.003345	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	10.81	0.004026	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-9.77	-0.003639	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	6.68	0.002488	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	-15.16	-0.005646	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	-5.29	-0.001970	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	4.84	0.00193	±2.5	PASS

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Band41	15MHz	QPSK	39725	75RB#0	NV	-20	-10.60	-0.004234	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	7.78	0.003108	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-10.10	-0.004034	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-8.07	-0.003223	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-12.02	-0.004801	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-20.60	-0.008228	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-14.06	-0.005616	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-11.22	-0.004482	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	3.69	0.001423	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	6.87	0.002649	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-5.32	-0.002052	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	13.45	0.005187	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	12.37	0.004771	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	12.86	0.004960	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	-6.09	-0.002349	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	7.17	0.002765	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	-6.97	-0.002688	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	-20.00	-0.007456	±2.5	PASS

Band41	15MHz	QPSK	41515	75RB#0	NV	-20	-13.53	-0.005044	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	-18.22	-0.006792	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	-17.54	-0.006539	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	-22.59	-0.008421	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	-11.86	-0.004421	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	-23.52	-0.008768	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	-13.42	-0.005003	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	-16.35	-0.006095	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-30	-13.75	-0.005492	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-20	-12.40	-0.004953	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	-5.31	-0.002121	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	-11.47	-0.004582	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-12.39	-0.004949	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-4.86	-0.001941	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	30	-13.92	-0.005560	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-13.60	-0.005432	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-12.22	-0.004881	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-30	-8.27	-0.003189	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-20	11.17	0.00430	±2.5	PASS

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Band41	15MHz	16QAM	40620	75RB#0	NV	-10	10.80	0.004165	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	11.74	0.004528	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	9.90	0.003818	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	4.68	0.001805	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-10.59	-0.004084	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	10.56	0.004073	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	-8.83	-0.003405	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-30	-20.97	-0.007817	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-20	-17.77	-0.006624	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	-24.16	-0.009007	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	-19.08	-0.007113	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	-12.46	-0.004645	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	-14.46	-0.005390	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	-24.39	-0.009092	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	-26.99	-0.010062	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	-19.94	-0.007433	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	5.26	0.002099	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-4.96	-0.001979	±2.5	PASS

Band41	20MHz	QPSK	39750	100RB#0	NV	-10	13.39	0.005343	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	14.19	0.005662	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	8.60	0.003432	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	10.13	0.004042	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	9.23	0.003683	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	14.72	0.005874	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	9.44	0.003767	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	9.33	0.003598	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	4.09	0.001577	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-7.80	-0.003008	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	15.72	0.006062	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	7.95	0.003066	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	11.17	0.004308	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	10.00	0.003857	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-11.90	-0.004589	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	14.13	0.005449	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-6.39	-0.002384	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	8.60	0.003209	±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	-0.002724	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	10.01	0.003735	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	10.91	0.004071	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	10.20	0.003806	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	9.90	0.003694	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	11.99	0.004474	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	9.06	0.003615	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	11.13	0.004441	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	10.13	0.004042	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-7.37	-0.002941	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	14.46	0.005770	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	7.37	0.002941	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-6.38	-0.002546	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	13.09	0.005223	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	10.37	0.004138	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	12.47	0.004809	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-8.70	-0.003355	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-5.94	-0.002291	±2.5	PASS

Band41	20MHz	16QAM	40620	100RB#0	NV	0	13.63	0.005256	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	6.94	0.002676	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	13.45	0.005187	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	12.26	0.004728	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-5.48	-0.002113	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	13.53	0.005218	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	7.65	0.002854	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-7.78	-0.002903	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	7.20	0.002687	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	3.53	0.001317	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-7.57	-0.002825	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	6.68	0.002493	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	8.73	0.003257	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	13.53	0.005049	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	5.72	0.002134	±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

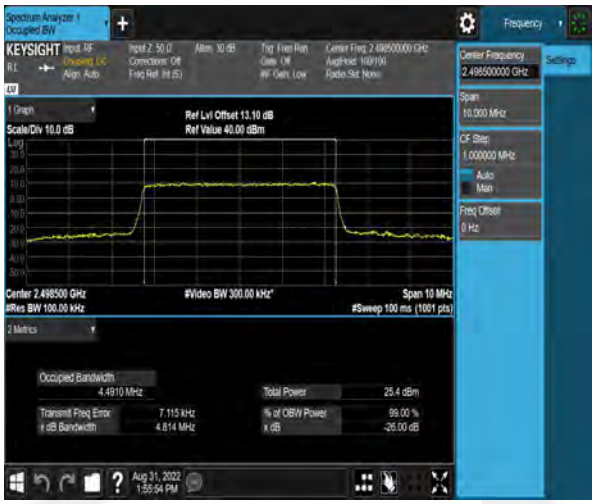
Band41-20MHz-64QAM-41490-100RB#0

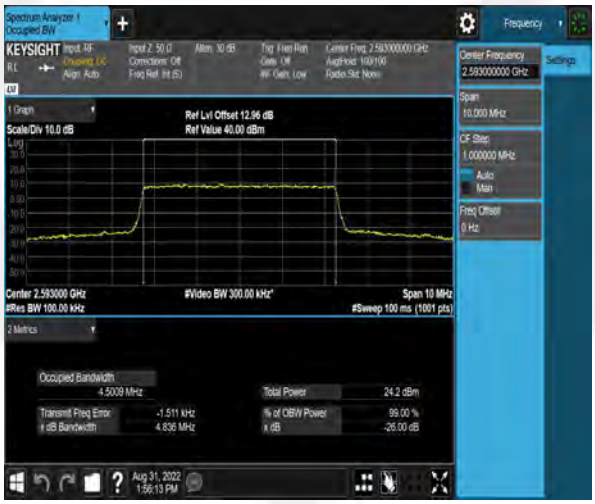
Appendix C: 26dB Bandwidth and Occupied Bandwidth

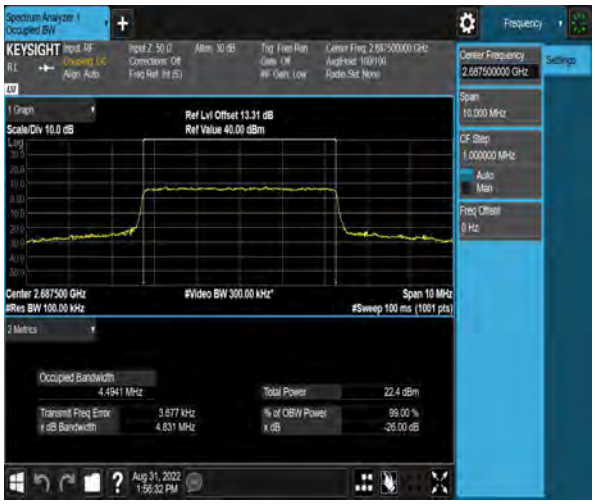
Test Result

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

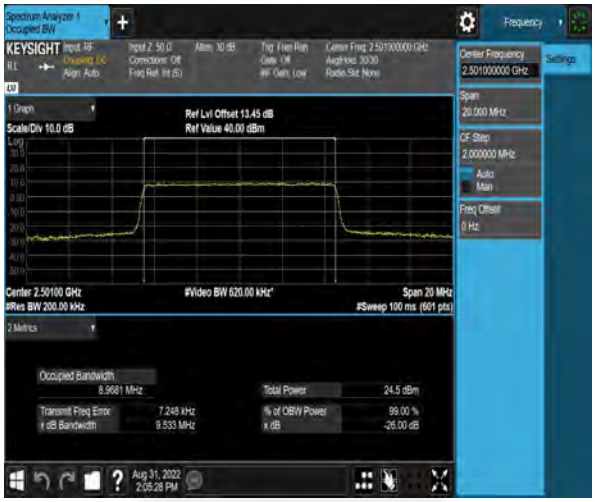
Test Graphs

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


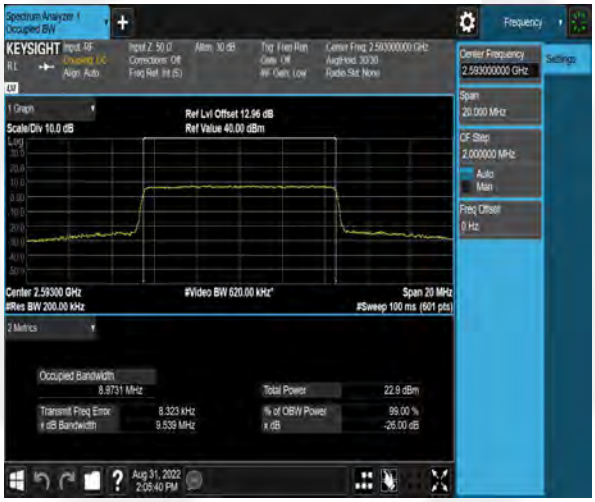
Band41-5MHz-64QAM-40620-25RB#0


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


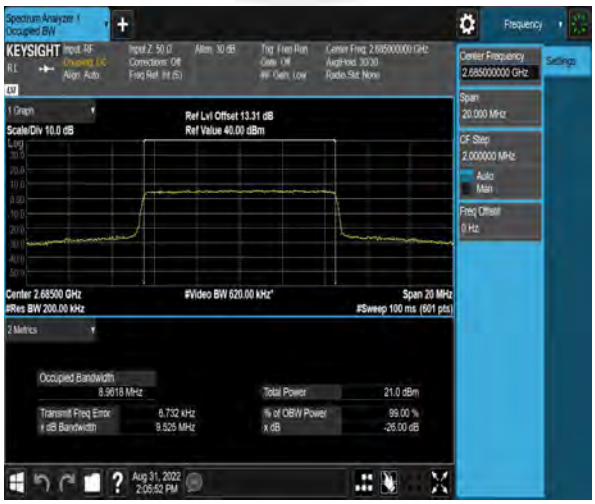
Band41-10MHz-64QAM-39700-50RB#0



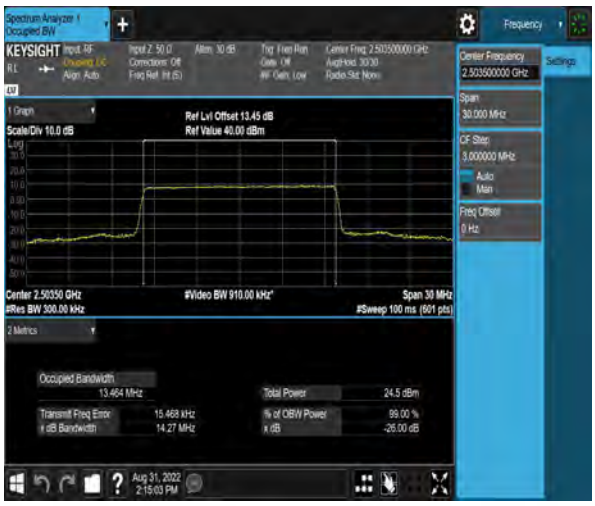
Band41-10MHz-64QAM-40620-50RB#0



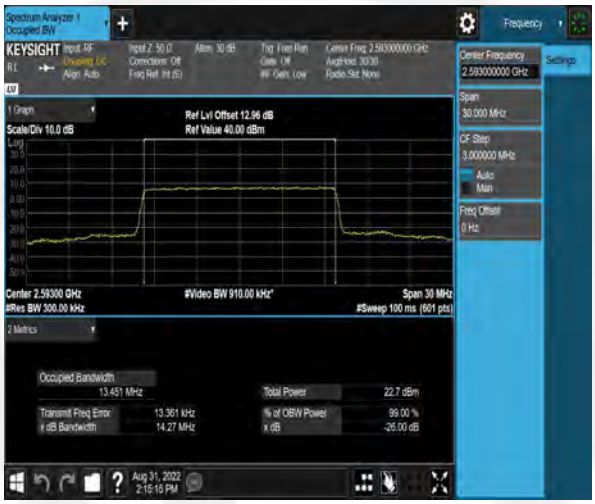
Band41-10MHz-64QAM-41540-50RB#0



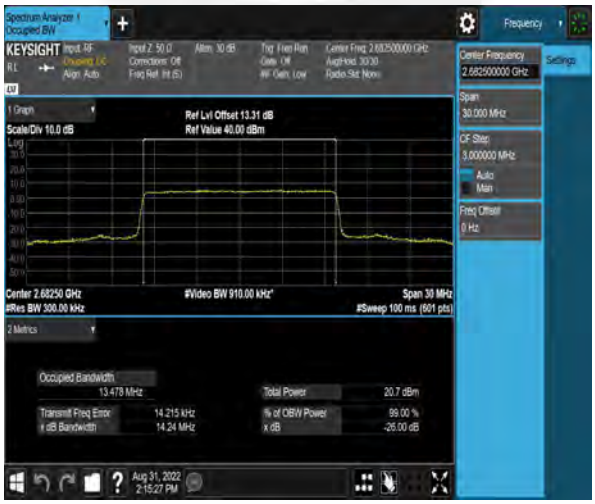
Band41-15MHz-64QAM-39725-75RB#0



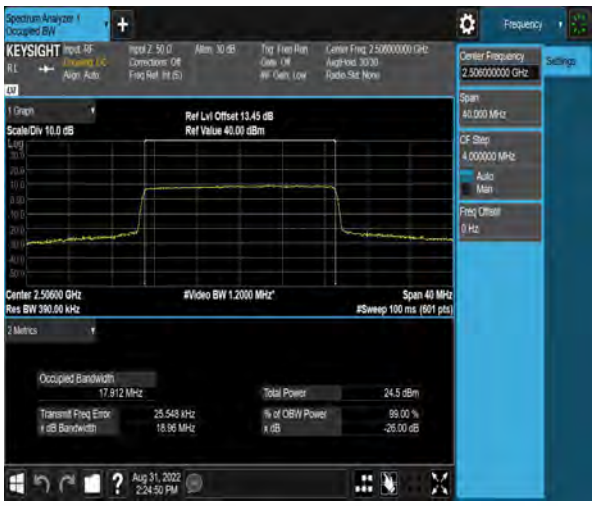
Band41-15MHz-64QAM-40620-75RB#0



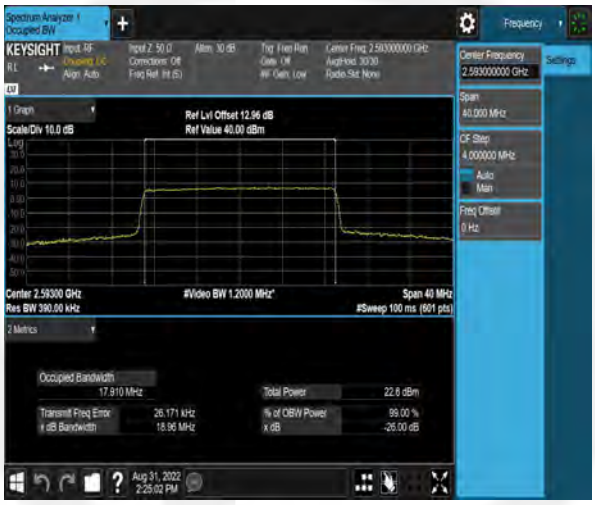
Band41-15MHz-64QAM-41515-75RB#0



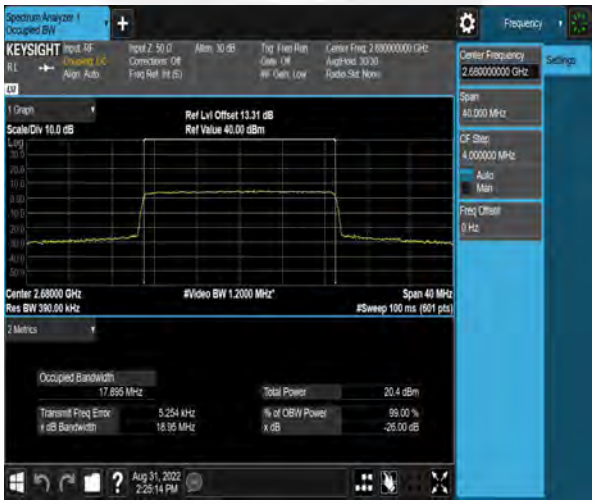
Band41-20MHz-64QAM-39750-100RB#0



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

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

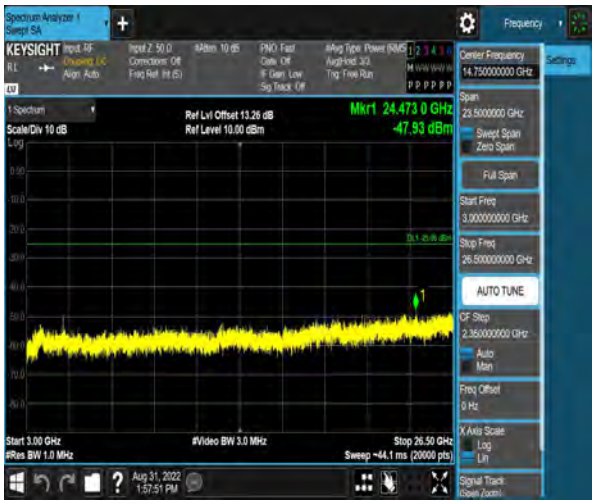
					3000MHz		
Band41	10MHz	64QAM	41540	1RB#0	Range3:3000~26500MHz	-46.65	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range1:30~1000MHz	-66.79	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range2:1000~3000MHz	-39.68	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range3:3000~26500MHz	-47.35	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-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

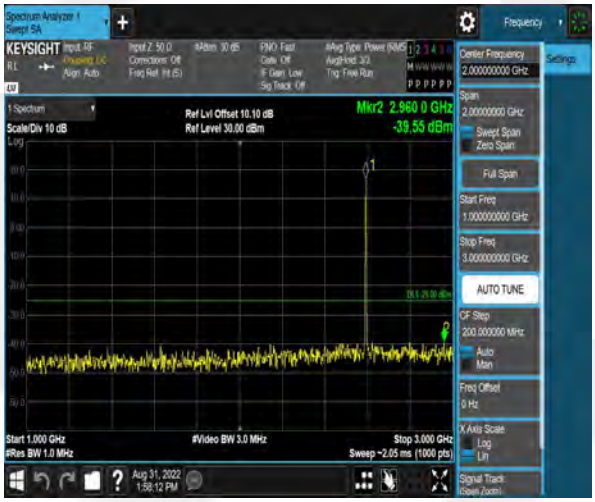
Band41-5MHz-64QAM-39675-1RB#0-Range1:30~1000MHz

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

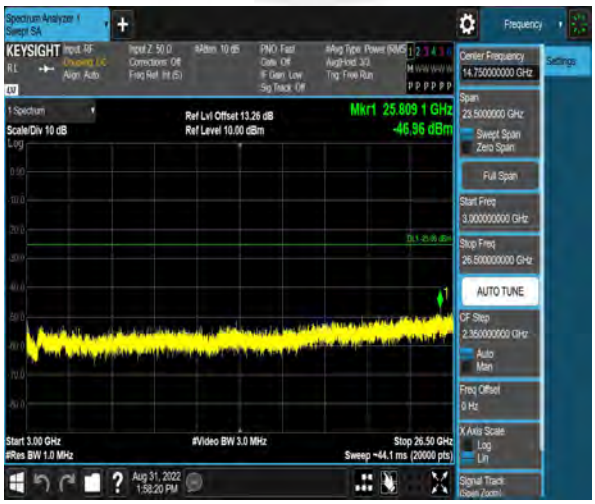
Band41-5MHz-64QAM-39675-1RB#0-Range3:3000~26500MHz


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

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

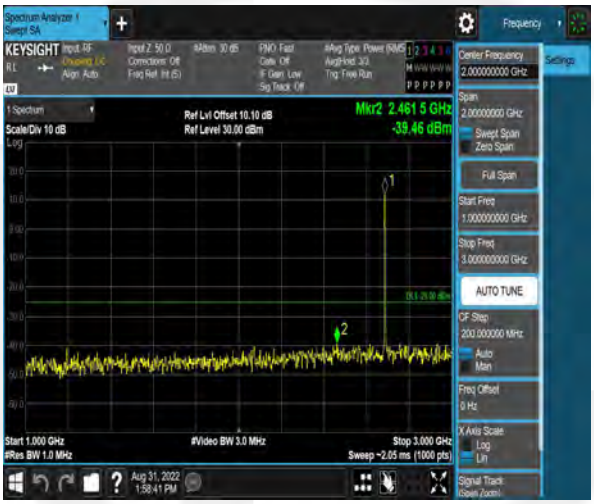


Band41-5MHz-64QAM-40620-1RB#0-Range3:3000~26500MHz

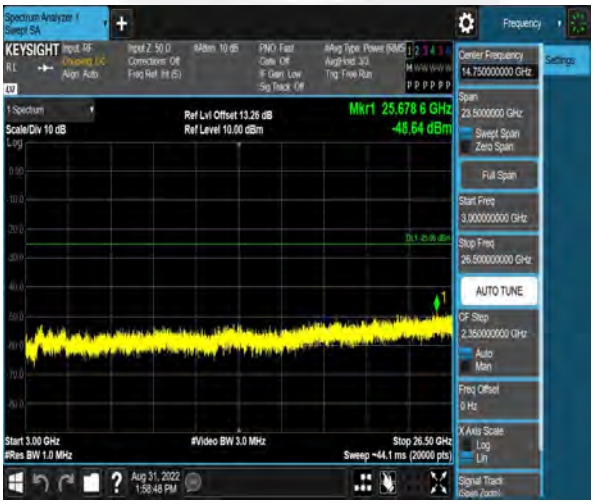


Band41-5MHz-64QAM-41565-1RB#0-Range1:30~1000MHz

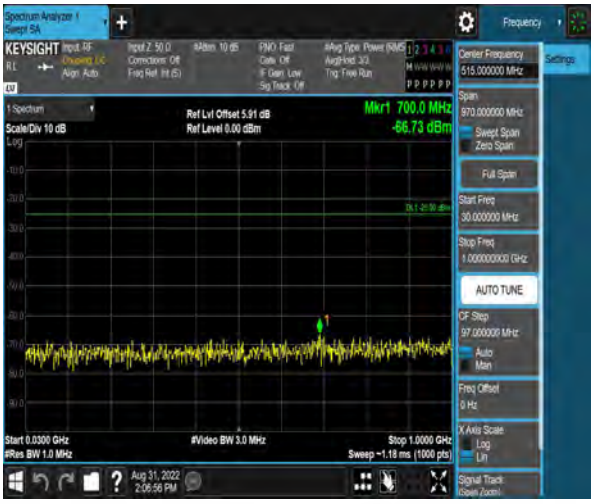
Band41-5MHz-64QAM-41565-1RB#0-Range2:1000~3000MHz



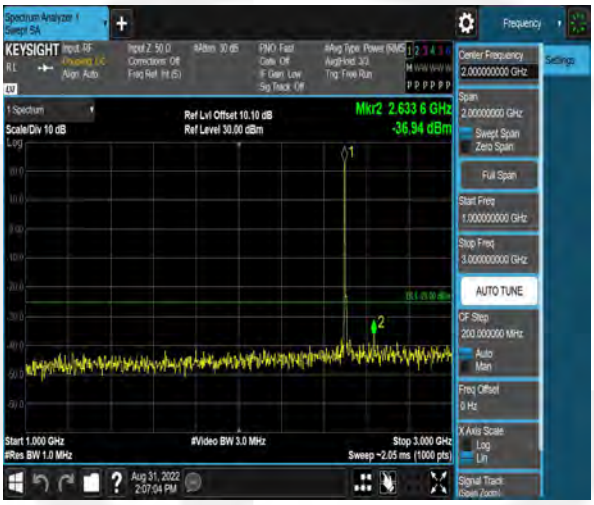
Band41-5MHz-64QAM-41565-1RB#0-Range3:3000~26500MHz



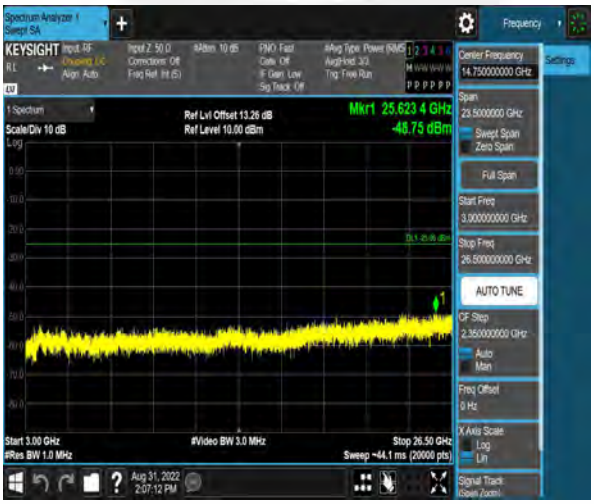
Band41-10MHz-64QAM-39700-1RB#0-Range1:30~1000MHz



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



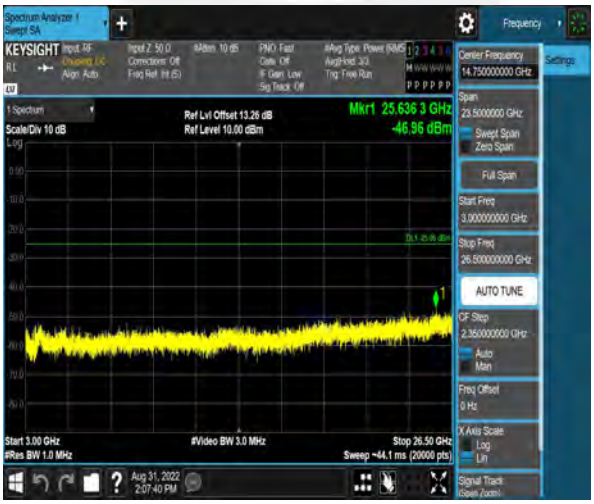
Band41-10MHz-64QAM-39700-1RB#0-Range3:3000~26500MHz



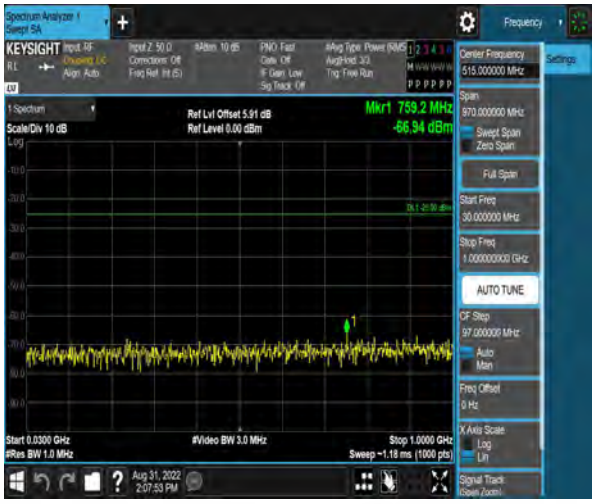
Band41-10MHz-64QAM-40620-1RB#0-Range1:30~1000MHz

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

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

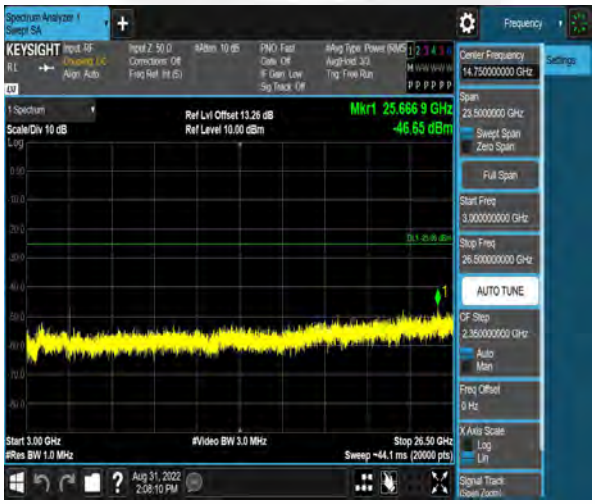


Band41-10MHz-64QAM-41540-1RB#0-Range1:30~1000MHz



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

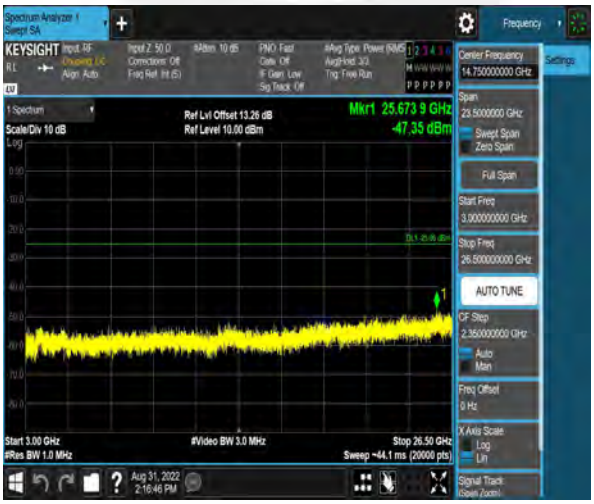
Band41-10MHz-64QAM-41540-1RB#0-Range3:3000~26500MHz



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

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

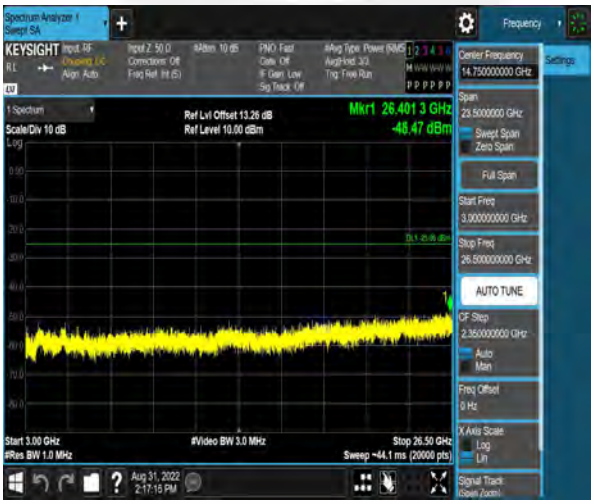
Band41-15MHz-64QAM-39725-1RB#0-Range3:3000~26500MHz



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

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

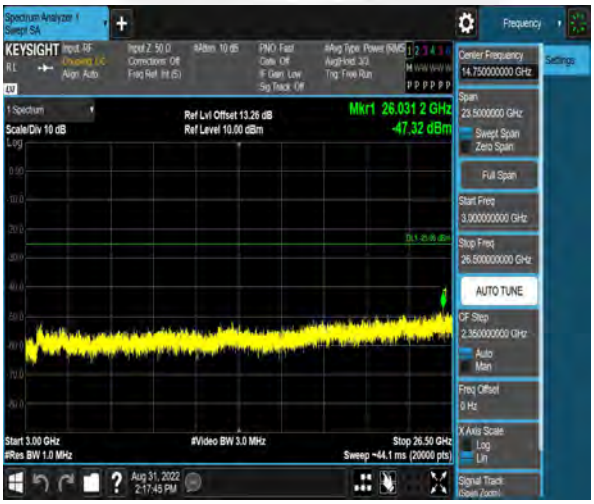
Band41-15MHz-64QAM-40620-1RB#0-Range3:3000~26500MHz



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

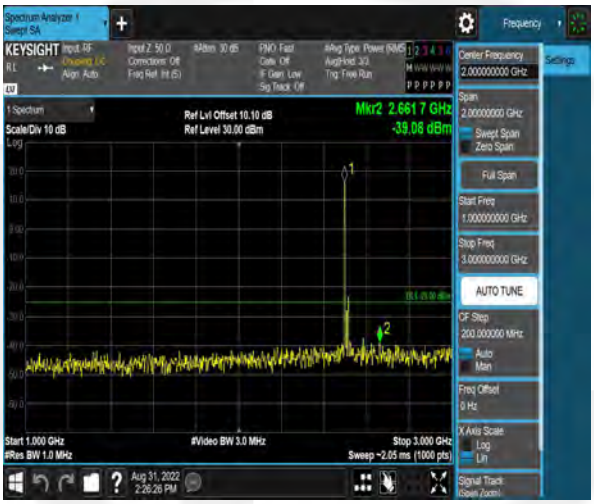
Band41-15MHz-64QAM-41515-1RB#0-Range2:1000~3000MHz

Band41-15MHz-64QAM-41515-1RB#0-Range3:3000~26500MHz

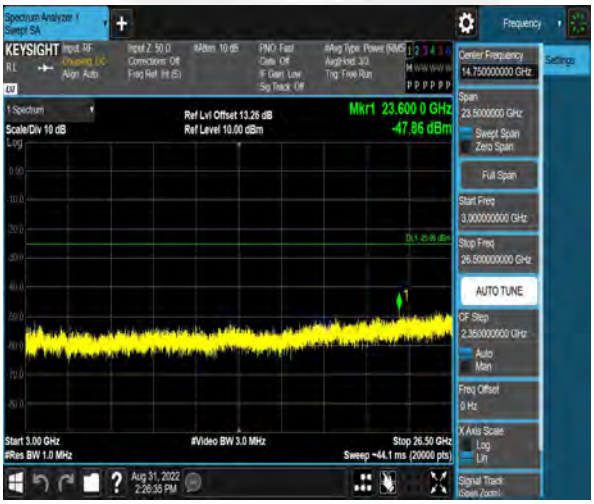


Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz

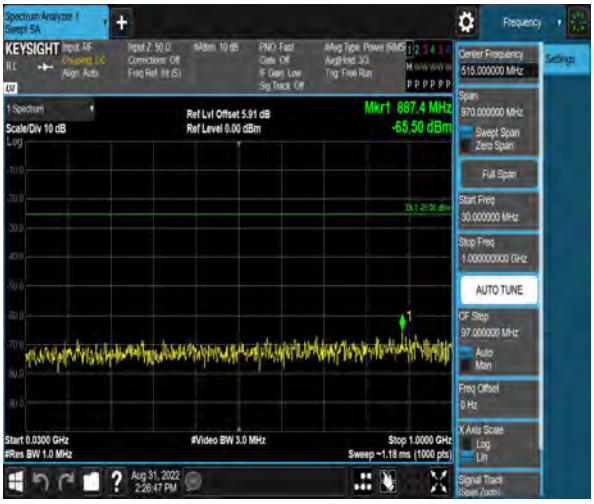
Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~3000MHz



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

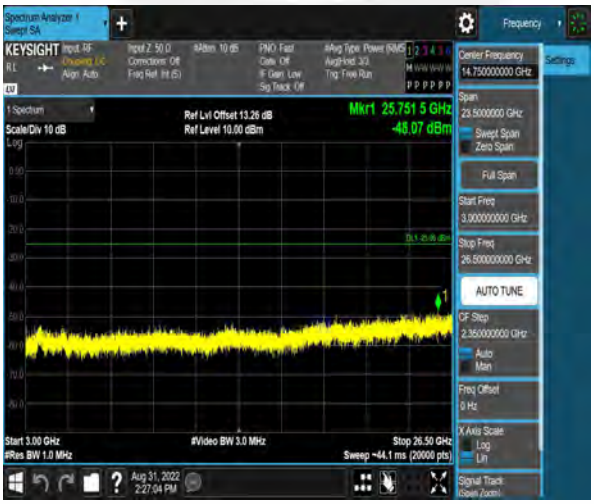


Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



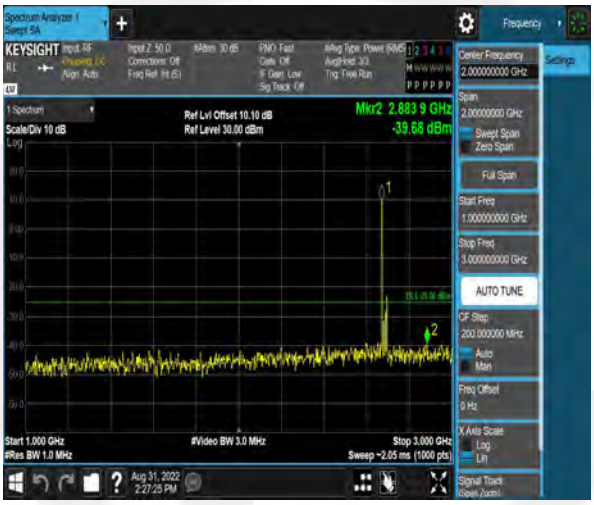
Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~3000MHz

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

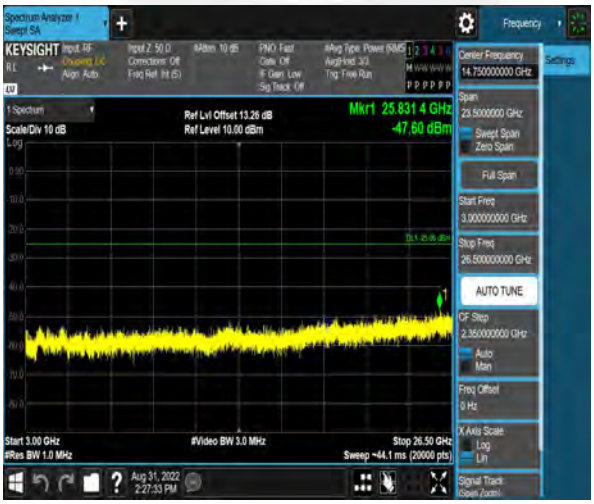


Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz

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 (℃)	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	-0.003914	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	VH	NT	-4.22	-0.001572	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VL	NT	8.31	0.003319	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VN	NT	-11.29	-0.004510	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VH	NT	-5.92	-0.002365	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VL	NT	4.31	0.001662	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VN	NT	8.41	0.003243	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VH	NT	11.24	0.004335	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VL	NT	-15.13	-0.005640	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VN	NT	-15.22	-0.005674	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VH	NT	-6.84	-0.002550	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	7.48	0.002985	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	5.68	0.002267	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	12.59	0.005024	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-4.94	-0.001905	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	13.12	0.005060	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-3.92	-0.001512	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	7.71	0.002877	±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	0.002985	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	NV	-30	14.32	0.005731	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	-20	9.46	0.003786	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	-10	5.79	0.002317	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	0	-4.85	-0.001941	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	10	3.12	0.001249	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	20	-10.01	-0.004006	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	30	6.91	0.002766	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	40	10.14	0.004058	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	50	-18.27	-0.007312	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-30	13.29	0.005125	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-20	13.12	0.005060	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-10	13.52	0.005214	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	0	9.58	0.003695	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	10	-6.38	-0.002460	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	20	8.98	0.003463	±2.5	PASS

Band41	5MHz	64QAM	40620	25RB#0	NV	30	11.60	0.004474	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	40	8.81	0.003398	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	50	10.93	0.004215	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-30	5.61	0.002087	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-20	-9.18	-0.003416	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-10	12.10	0.004502	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	0	3.66	0.001362	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	10	15.49	0.005764	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	20	14.15	0.005265	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	30	18.31	0.006813	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	40	6.51	0.002422	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	50	13.95	0.005191	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-30	-12.09	-0.004834	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-20	-19.60	-0.007837	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-10	-2.42	-0.000968	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	0	-6.21	-0.002483	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	10	-7.81	-0.003123	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	20	-8.87	-0.003547	±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	-0.007733	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	50	-12.37	-0.004946	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-30	11.01	0.004246	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-20	11.62	0.004481	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-10	8.84	0.003409	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	0	-8.05	-0.003105	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	10	-4.35	-0.001678	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	20	5.56	0.002144	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	30	-2.65	-0.001022	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	40	7.93	0.003058	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	50	4.75	0.001832	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-30	-15.28	-0.005691	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-20	4.81	0.001791	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-10	-5.92	-0.002205	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	0	5.26	0.001959	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	10	-5.99	-0.002231	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	20	4.39	0.001635	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	30	7.02	0.002615	±2.5	PASS

Band41	10MHz	64QAM	41540	50RB#0	NV	40	-16.74	-0.006235	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	50	-9.53	-0.003549	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-30	-18.57	-0.007418	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-20	-13.48	-0.005384	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-10	-11.99	-0.004789	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	0	6.55	0.002616	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	10	9.67	0.003863	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	20	-10.66	-0.004258	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	30	-5.38	-0.002149	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	40	5.09	0.002033	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	50	9.30	0.003715	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-30	11.86	0.004574	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-20	13.42	0.005175	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-10	6.47	0.002495	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	0	-10.10	-0.003895	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	10	-7.04	-0.002715	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	20	5.49	0.002117	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	30	-5.49	-0.002117	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	40	13.56	0.00522	±2.5	PASS

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Band41	15MHz	64QAM	40620	75RB#0	NV	50	10.19	0.003930	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-30	-20.69	-0.007713	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-20	-16.98	-0.006330	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-10	-7.31	-0.002725	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	0	-10.46	-0.003899	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	10	-19.34	-0.007210	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	20	-20.97	-0.007817	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	30	-12.17	-0.004537	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	40	-10.16	-0.003788	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	50	-21.11	-0.007870	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	3.60	0.001437	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	-6.11	-0.002438	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	-10.17	-0.004058	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	13.63	0.005439	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-4.99	-0.001991	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	10.01	0.003994	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	12.46	0.004972	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	-8.41	-0.003356	±2.5	PASS

Band41	20MHz	64QAM	39750	100RB#0	NV	50	10.96	0.004374	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	10.73	0.004138	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	5.38	0.002075	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	-7.70	-0.002970	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-6.59	-0.002541	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	-3.81	-0.001469	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	7.27	0.002804	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	5.66	0.002183	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	-7.40	-0.002854	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	13.92	0.005368	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	7.77	0.002899	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	6.55	0.002444	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	-4.81	-0.001795	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	3.85	0.001437	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-5.06	-0.001888	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	5.59	0.002086	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	12.82	0.004784	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-9.70	-0.003619	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	6.18	0.00230	±2.5	PASS

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