

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	-7.11	-0.002846	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	-4.65	-0.001861	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	5.18	0.002073	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VN	NT	-5.59	-0.002237	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VL	NT	-5.95	-0.002381	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VH	NT	3.85	0.001541	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	-6.17	-0.002379	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	-5.35	-0.002063	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	-5.84	-0.002252	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	4.96	0.001913	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	5.81	0.002241	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	6.58	0.002538	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	3.86	0.001436	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	-3.93	-0.001462	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	-5.59	-0.002080	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VN	NT	-2.88	-0.001072	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VL	NT	-3.88	-0.001444	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	-3.33	-0.001239	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	-6.18	-0.002471	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	-4.59	-0.001835	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	-3.75	-0.001499	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	-4.45	-0.001779	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	-5.29	-0.002115	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	-6.69	-0.002675	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	3.49	0.001346	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	2.46	0.000949	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	4.91	0.001894	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	-7.34	-0.002831	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	-6.77	-0.002611	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VH	NT	-7.87	-0.003035	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	4.72	0.001758	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-7.15	-0.002663	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	5.68	0.002115	±2.5	PASS

Band41	10MHz	16QAM	41540	50RB#0	VN	NT	5.15	0.001918	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	-4.46	-0.001661	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VH	NT	6.59	0.002454	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-2.96	-0.001182	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	-5.28	-0.002109	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	-5.44	-0.002173	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	4.65	0.001857	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	-5.92	-0.002365	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	-4.69	-0.001873	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	4.19	0.001616	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	-8.31	-0.003205	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	-3.38	-0.001304	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	-4.23	-0.001631	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	-5.14	-0.001982	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	-4.91	-0.001894	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	-5.36	-0.001998	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	-6.39	-0.002382	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	-3.36	-0.001253	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	-2.36	-0.000880	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	-7.64	-0.002848	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VH	NT	-3.98	-0.001484	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-5.87	-0.002342	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-5.51	-0.002199	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-3.78	-0.001508	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-4.65	-0.001856	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-4.05	-0.001616	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-3.83	-0.001528	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-2.96	-0.001142	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-2.68	-0.001034	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-5.45	-0.002102	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-3.29	-0.001269	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-6.84	-0.002638	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-8.10	-0.003124	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-6.91	-0.002578	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	5.08	0.001896	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-4.38	-0.001634	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	4.86	0.001813	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	2.53	0.000944	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-3.78	-0.001410	±2.5	PASS

Temperature										
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	2.82	0.001129	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	-6.51	-0.002606	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	6.41	0.002566	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	-2.06	-0.000824	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	-7.25	-0.002902	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	-5.78	-0.002313	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	-5.34	-0.002137	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	-6.25	-0.002502	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	-4.31	-0.001725	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-30	3.91	0.001565	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-20	6.91	0.002766	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	2.90	0.001161	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	4.06	0.001625	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	-3.22	-0.001289	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	6.18	0.002473	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	-3.29	-0.001317	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	8.31	0.003326	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	50	4.59	0.001837	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	2.33	0.000899	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-3.20	-0.001234	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	4.39	0.001693	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	-3.68	-0.001419	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-4.22	-0.001627	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	-3.15	-0.001215	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	5.12	0.001975	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	2.92	0.001126	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	6.67	0.002572	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	3.58	0.001381	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	4.42	0.001705	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	6.29	0.002426	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	1.79	0.000690	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	6.97	0.002688	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	5.89	0.002272	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	-5.15	-0.001986	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	5.25	0.002025	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	10.39	0.004007	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	-5.34	-0.001987	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	-3.09	-0.001150	±2.5	PASS

Band41	5MHz	QPSK	41565	25RB#0	NV	-10	3.96	0.001473	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	5.54	0.002061	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	3.46	0.001287	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-6.42	-0.002389	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	4.25	0.001581	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	5.26	0.001957	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	-4.78	-0.001779	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-30	4.68	0.001741	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-20	-5.92	-0.002203	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	5.19	0.001931	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	-3.28	-0.001220	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	4.52	0.001682	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	-4.62	-0.001719	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	2.88	0.001072	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	-4.11	-0.001529	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	50	-4.85	-0.001805	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	-5.99	-0.002395	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	1.72	0.000688	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	5.68	0.002271	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	4.26	0.001703	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	-4.36	-0.001743	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	2.73	0.001092	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	-4.33	-0.001731	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	5.04	0.002015	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	-3.63	-0.001451	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-30	3.65	0.001459	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-20	5.25	0.002099	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	-7.34	-0.002935	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	-3.68	-0.001471	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	-7.37	-0.002947	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	-6.32	-0.002527	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	-6.18	-0.002471	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	-6.18	-0.002471	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	-3.29	-0.001315	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	-6.59	-0.002541	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	-3.50	-0.001350	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	4.58	0.001766	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	-6.01	-0.002318	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	-3.99	-0.001539	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	-5.41	-0.002086	±2.5	PASS

Band41	10MHz	QPSK	40620	50RB#0	NV	30	-5.06	-0.001951	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	3.92	0.001512	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	-4.48	-0.001728	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-30	-4.05	-0.001562	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-20	-7.02	-0.002707	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	-6.55	-0.002526	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	0	-5.52	-0.002129	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	-6.32	-0.002437	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	-7.05	-0.002719	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	5.22	0.002013	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	-2.82	-0.001088	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	-4.06	-0.001566	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-2.07	-0.000771	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	-5.14	-0.001914	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-2.33	-0.000868	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-2.46	-0.000916	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-4.62	-0.001721	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	6.97	0.002596	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-5.87	-0.002186	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-5.36	-0.001996	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	6.72	0.002503	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-30	-3.73	-0.001389	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-20	-5.08	-0.001892	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	2.62	0.000976	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	5.62	0.002093	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	3.00	0.001117	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-3.12	-0.001162	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	-3.38	-0.001259	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	-5.99	-0.002231	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	-3.56	-0.001326	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	-4.75	-0.001897	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-20	-5.28	-0.002109	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	-6.79	-0.002712	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-6.28	-0.002508	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-5.56	-0.002221	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-5.16	-0.002061	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	6.49	0.002592	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-4.96	-0.001981	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-7.54	-0.003012	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-30	-3.20	-0.001278	±2.5	PASS

Band41	15MHz	16QAM	39725	75RB#0	NV	-20	-7.10	-0.002836	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	2.68	0.001071	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	-6.44	-0.002572	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-4.95	-0.001977	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-3.13	-0.001250	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	30	-5.94	-0.002373	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-4.75	-0.001897	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-5.66	-0.002261	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	-5.11	-0.001971	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	-6.82	-0.002630	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-5.46	-0.002106	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	-4.85	-0.001870	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	-3.30	-0.001273	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	-4.91	-0.001894	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	-3.52	-0.001358	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	-6.27	-0.002418	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	-6.04	-0.002329	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-30	-2.68	-0.001034	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-20	-4.06	-0.001566	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-10	-4.79	-0.001847	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	-4.48	-0.001728	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	-5.01	-0.001932	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	-2.79	-0.001076	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-4.94	-0.001905	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	-4.55	-0.001755	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	-8.88	-0.003425	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	-6.28	-0.002341	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-20	-8.05	-0.003001	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	-5.95	-0.002218	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	-5.29	-0.001972	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	4.01	0.001495	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	-5.94	-0.002214	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	-4.33	-0.001614	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	-3.86	-0.001439	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	-8.08	-0.003012	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-30	-4.39	-0.001637	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-20	-4.68	-0.001745	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	-3.16	-0.001178	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	-4.46	-0.001663	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	-8.81	-0.003284	±2.5	PASS

Band41	15MHz	16QAM	41515	75RB#0	NV	20	-6.55	-0.002442	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	-7.04	-0.002624	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	-5.88	-0.002192	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	-5.09	-0.001897	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	-4.82	-0.001923	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-6.57	-0.002622	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	-8.67	-0.003460	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-3.39	-0.001353	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-6.22	-0.002482	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-5.79	-0.002310	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-6.18	-0.002466	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-4.36	-0.001740	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-3.85	-0.001536	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-5.36	-0.002139	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-5.71	-0.002279	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-4.99	-0.001991	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-6.14	-0.002450	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-3.66	-0.001460	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-3.60	-0.001437	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-5.75	-0.002294	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-4.73	-0.001887	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-5.29	-0.002111	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	3.59	0.001384	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-3.03	-0.001169	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-5.24	-0.002021	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-4.68	-0.001805	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-4.65	-0.001793	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-2.26	-0.000872	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	2.37	0.000914	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	3.05	0.001176	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-2.79	-0.001076	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-3.45	-0.001331	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-6.87	-0.002649	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-8.96	-0.003455	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-4.43	-0.001708	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-3.53	-0.001361	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-7.61	-0.002935	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-9.64	-0.003718	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-5.71	-0.002202	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	-4.33	-0.001670	±2.5	PASS

Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-6.49	-0.002422	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-5.28	-0.001970	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	-4.45	-0.001660	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	4.58	0.001709	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	6.31	0.002354	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-5.58	-0.002082	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-1.83	-0.000683	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-3.52	-0.001313	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-5.15	-0.001922	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	-6.78	-0.002530	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-3.73	-0.001392	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	-4.41	-0.001646	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-5.16	-0.001925	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-5.97	-0.002228	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-4.84	-0.001806	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-7.08	-0.002642	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-6.19	-0.002310	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-5.97	-0.002228	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band41	5MHz	QPSK	39675	25RB#0	PASS
Band41	5MHz	16QAM	39675	25RB#0	PASS
Band41	5MHz	QPSK	40620	25RB#0	PASS
Band41	5MHz	16QAM	40620	25RB#0	PASS
Band41	5MHz	QPSK	41565	25RB#0	PASS
Band41	5MHz	16QAM	41565	25RB#0	PASS
Band41	10MHz	QPSK	39700	50RB#0	PASS
Band41	10MHz	16QAM	39700	50RB#0	PASS
Band41	10MHz	QPSK	40620	50RB#0	PASS
Band41	10MHz	16QAM	40620	50RB#0	PASS
Band41	10MHz	QPSK	41540	50RB#0	PASS
Band41	10MHz	16QAM	41540	50RB#0	PASS
Band41	15MHz	QPSK	39725	75RB#0	PASS
Band41	15MHz	16QAM	39725	75RB#0	PASS
Band41	15MHz	QPSK	40620	75RB#0	PASS
Band41	15MHz	16QAM	40620	75RB#0	PASS
Band41	15MHz	QPSK	41515	75RB#0	PASS
Band41	15MHz	16QAM	41515	75RB#0	PASS
Band41	20MHz	QPSK	39750	100RB#0	PASS
Band41	20MHz	16QAM	39750	100RB#0	PASS
Band41	20MHz	QPSK	40620	100RB#0	PASS
Band41	20MHz	16QAM	40620	100RB#0	PASS
Band41	20MHz	QPSK	41490	100RB#0	PASS
Band41	20MHz	16QAM	41490	100RB#0	PASS

Test Graphs







