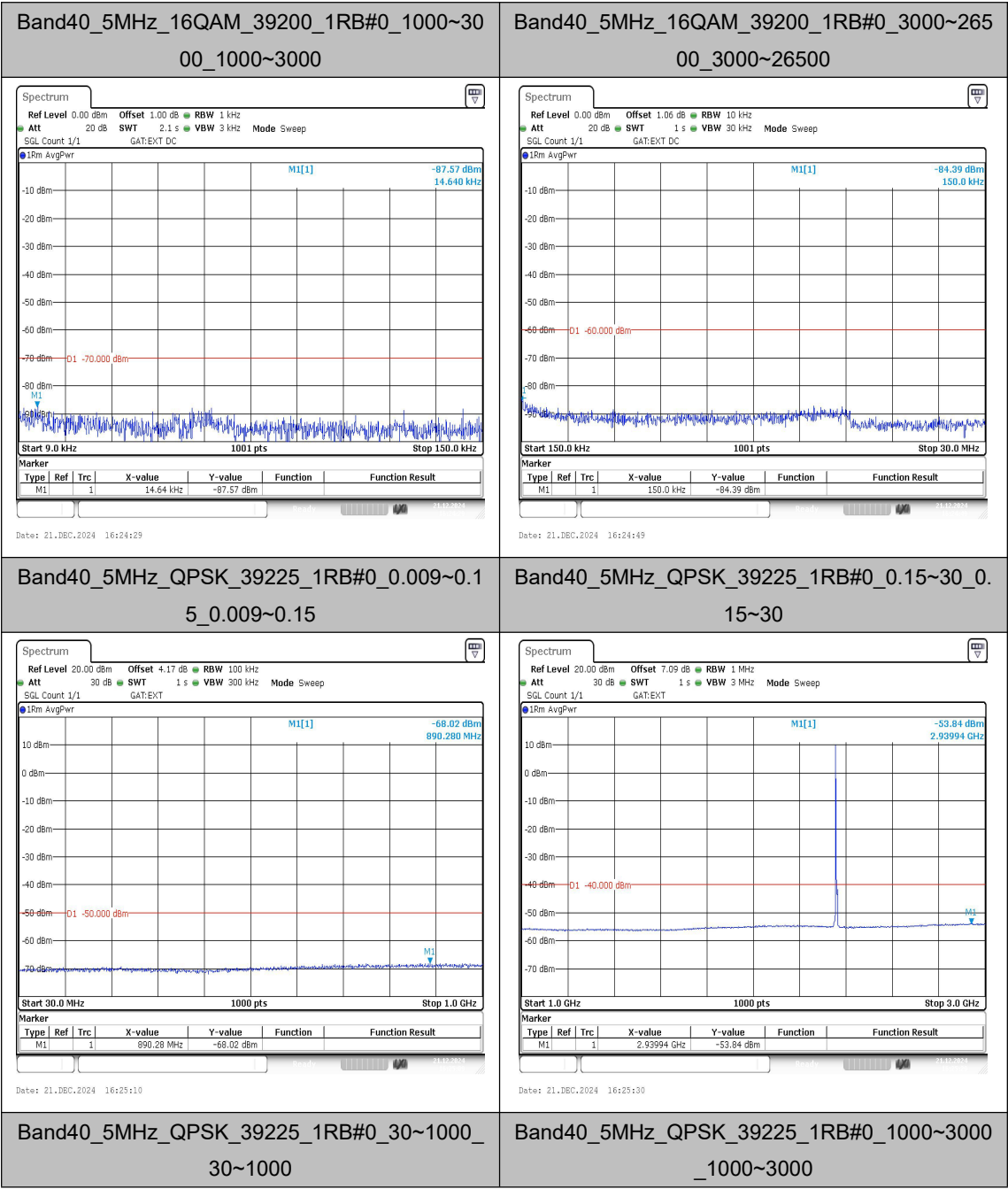
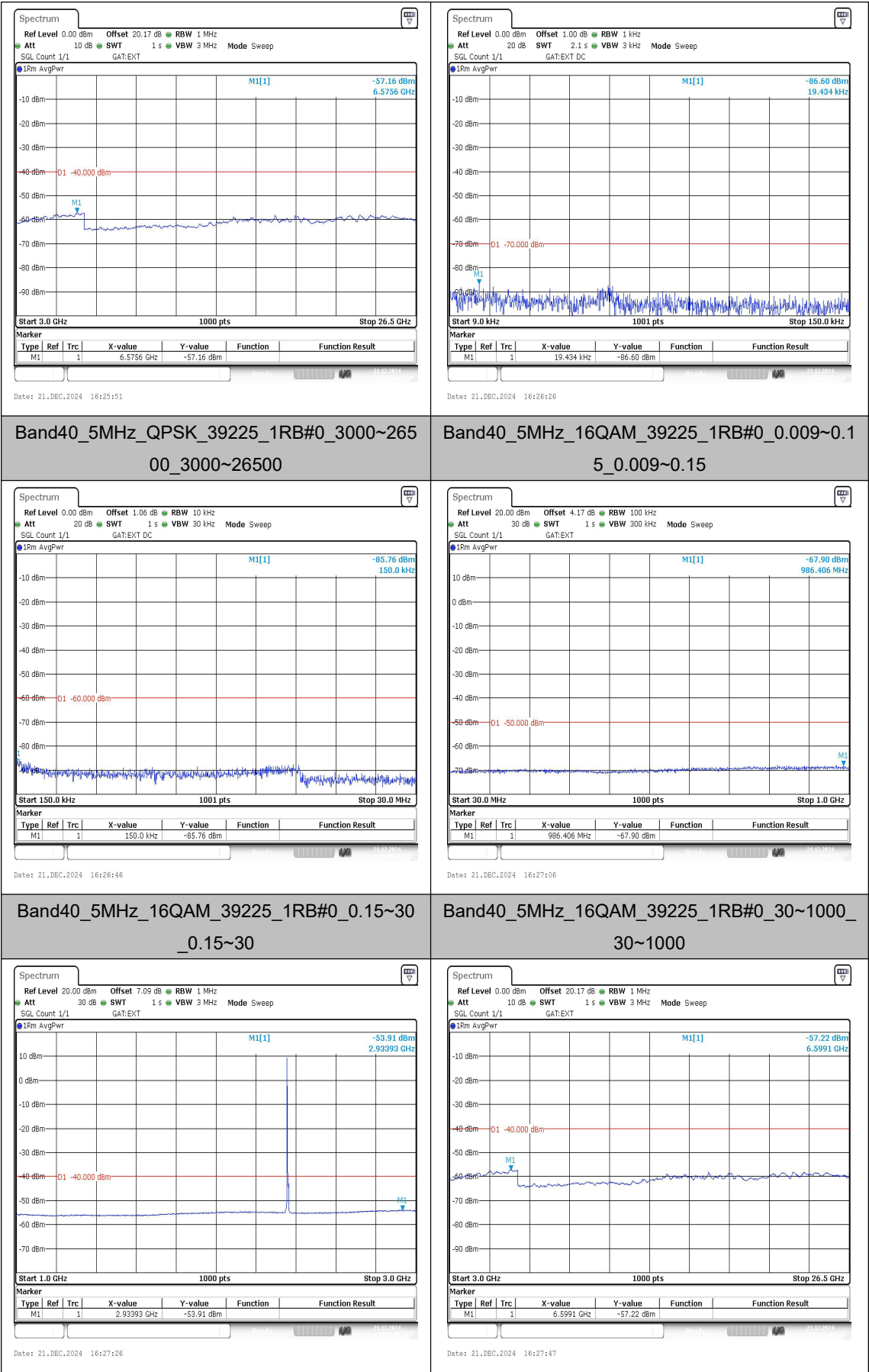
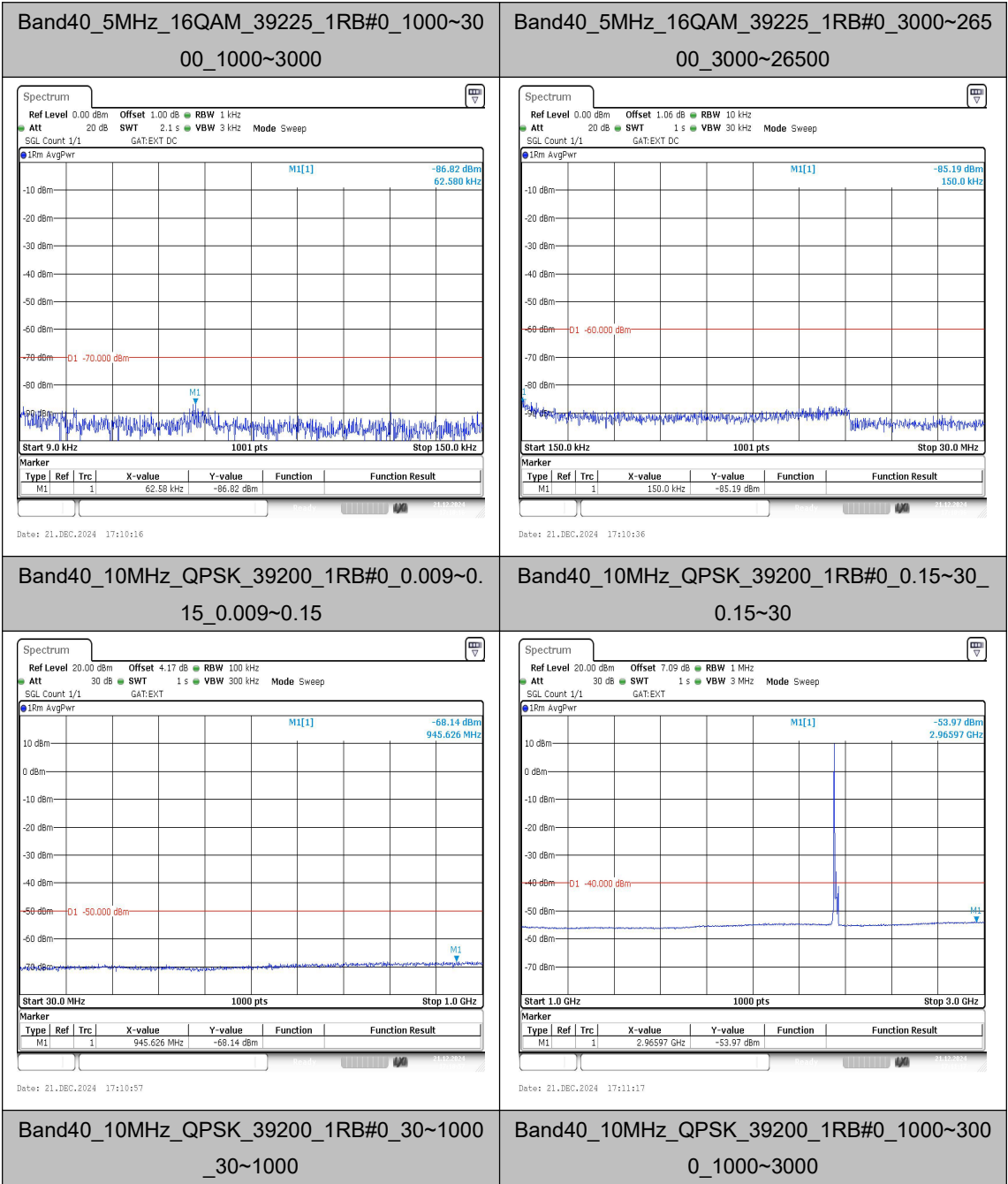
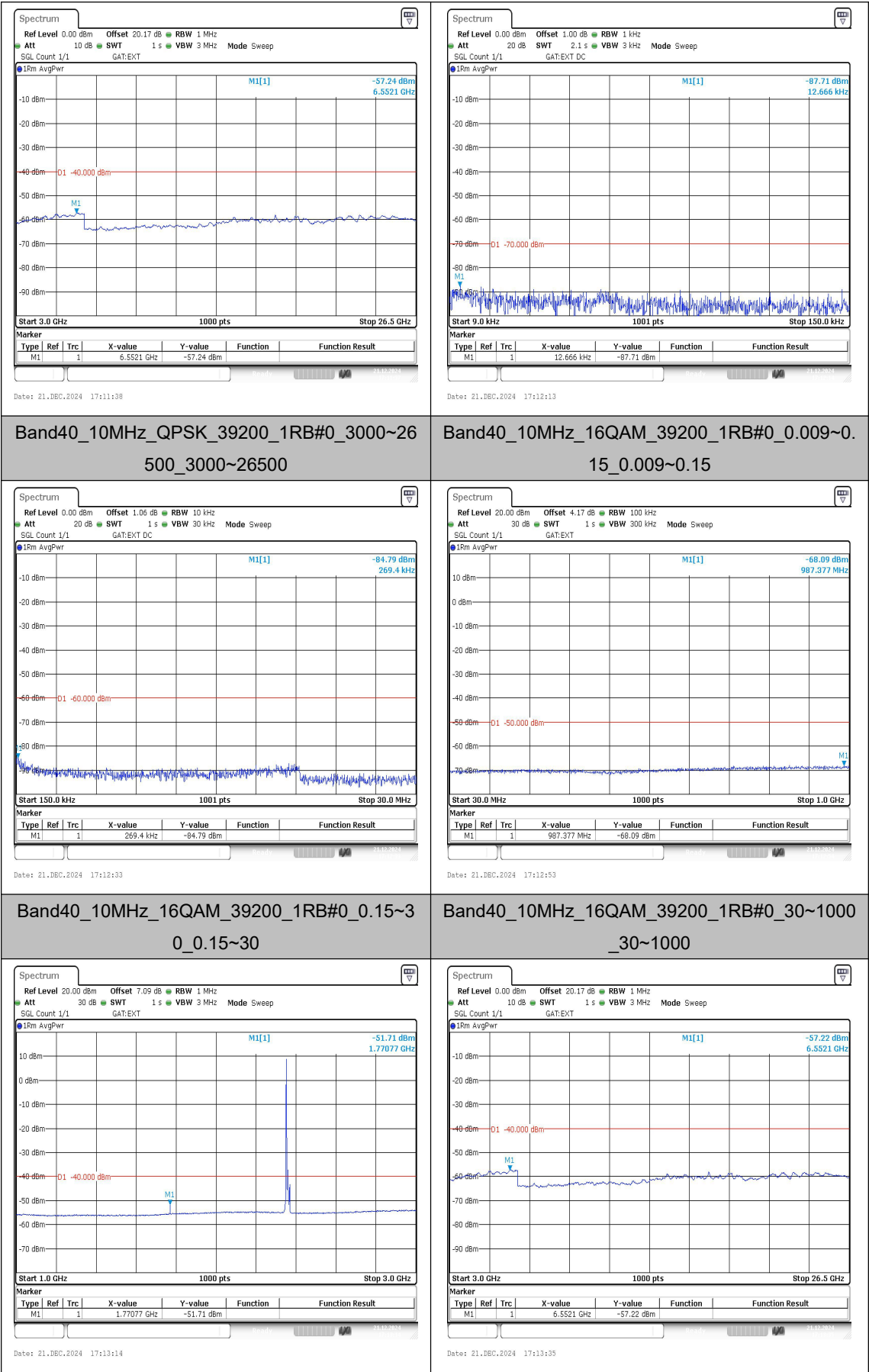










Band40_10MHz_16QAM_39200_1RB#0_1000~3000_1000~3000	Band40_10MHz_16QAM_39200_1RB#0_3000~26500_500_3000~26500
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Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VN	NT	-3.88	-0.001649	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VL	NT	-5.19	-0.002206	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VH	NT	-4.55	-0.001934	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VN	NT	-2.78	-0.001182	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VL	NT	5.55	0.002359	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VH	NT	-3.85	-0.001637	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VN	NT	7.88	0.003346	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VL	NT	-12.27	-0.005210	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VH	NT	-15.16	-0.006437	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VN	NT	-13.99	-0.005941	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VL	NT	-15.34	-0.006514	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VH	NT	-14.55	-0.006178	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VN	NT	15.51	0.006579	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VL	NT	4.32	0.001832	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VH	NT	-6.21	-0.002634	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VN	NT	-4.95	-0.002100	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VL	NT	-7.45	-0.003160	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VH	NT	-3.55	-0.001506	±2.5	PASS

-2360)										
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VN	NT	-12.92	-0.005486	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VL	NT	-12.37	-0.005253	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VH	NT	-9.40	-0.003992	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VN	NT	-12.97	-0.005507	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VL	NT	-10.44	-0.004433	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VH	NT	-13.33	-0.005660	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-30	-5.71	-0.002427	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-20	-3.38	-0.001437	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-10	-4.52	-0.001921	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	0	-4.65	-0.001977	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	10	-8.74	-0.003715	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	20	-12.02	-0.005109	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	30	-11.46	-0.004871	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	40	-6.47	-0.002750	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	50	8.35	0.003549	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	-30	-6.39	-0.002716	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	-20	4.39	0.001866	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	-10	-15.05	-0.006397	±2.5	PASS

40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	0	-12.63	-0.005369	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	10	-22.02	-0.009360	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	20	-17.29	-0.007350	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	30	-10.13	-0.004306	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	40	-3.40	-0.001445	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	50	-3.45	-0.001467	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-30	-12.07	-0.005125	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-20	-14.48	-0.006149	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-10	-8.58	-0.003643	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	-18.57	-0.007885	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	-4.78	-0.002030	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	4.39	0.001864	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	-18.68	-0.007932	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	40	-11.23	-0.004769	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	50	-6.05	-0.002569	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-30	-14.28	-0.006064	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-20	-17.67	-0.007503	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-10	-7.47	-0.003172	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	4.25	0.001805	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	4.39	0.001864	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	-8.78	-0.003728	±2.5	PASS

40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	-3.83	-0.001626	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	40	4.66	0.001979	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	50	-8.33	-0.003537	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-30	-3.52	-0.001493	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-20	-7.08	-0.003003	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-10	-4.59	-0.001947	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	0	3.30	0.001400	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	10	-2.53	-0.001073	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	20	-5.95	-0.002524	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	30	-6.65	-0.002821	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	40	-6.75	-0.002863	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	50	-7.58	-0.003215	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-30	-6.18	-0.002621	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-20	-6.04	-0.002562	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-10	-7.22	-0.003063	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	0	-10.46	-0.004437	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	10	5.94	0.002520	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	20	-5.92	-0.002511	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	30	-6.14	-0.002604	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	40	-3.68	-0.001561	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	50	-2.40	-0.001018	±2.5	PASS

40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	-7.28	-0.003091	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	-12.16	-0.005163	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	-14.06	-0.005970	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	-12.22	-0.005189	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	-13.49	-0.005728	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	-5.51	-0.002340	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	-12.70	-0.005393	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	-11.84	-0.005028	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	-13.26	-0.005631	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-30	-15.92	-0.006760	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-20	-11.40	-0.004841	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-10	-13.06	-0.005546	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	-14.83	-0.006297	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	10	-15.56	-0.006607	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	20	-13.72	-0.005826	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	30	-13.19	-0.005601	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	40	-9.60	-0.004076	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	50	-8.57	-0.003639	±2.5	PASS