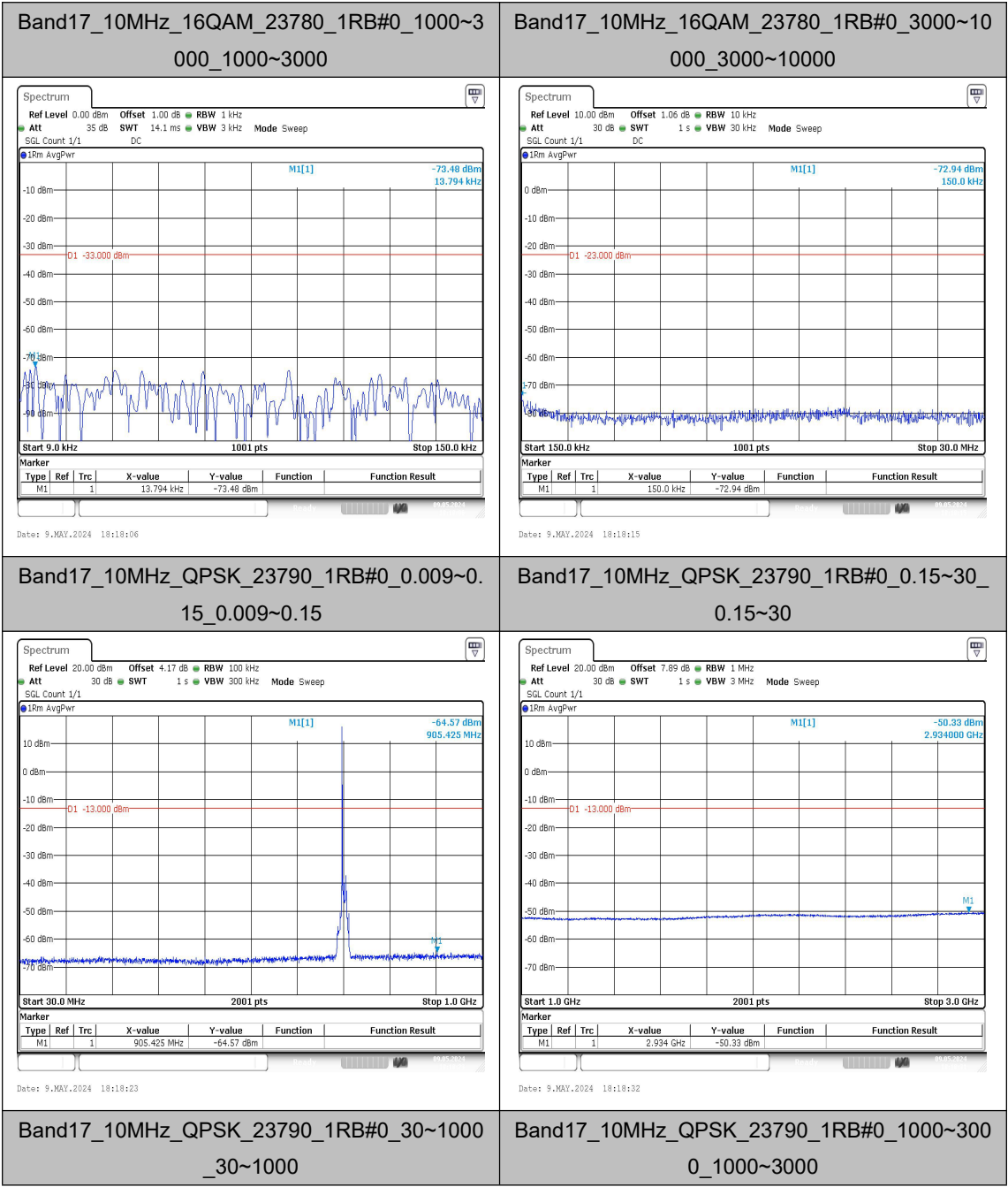
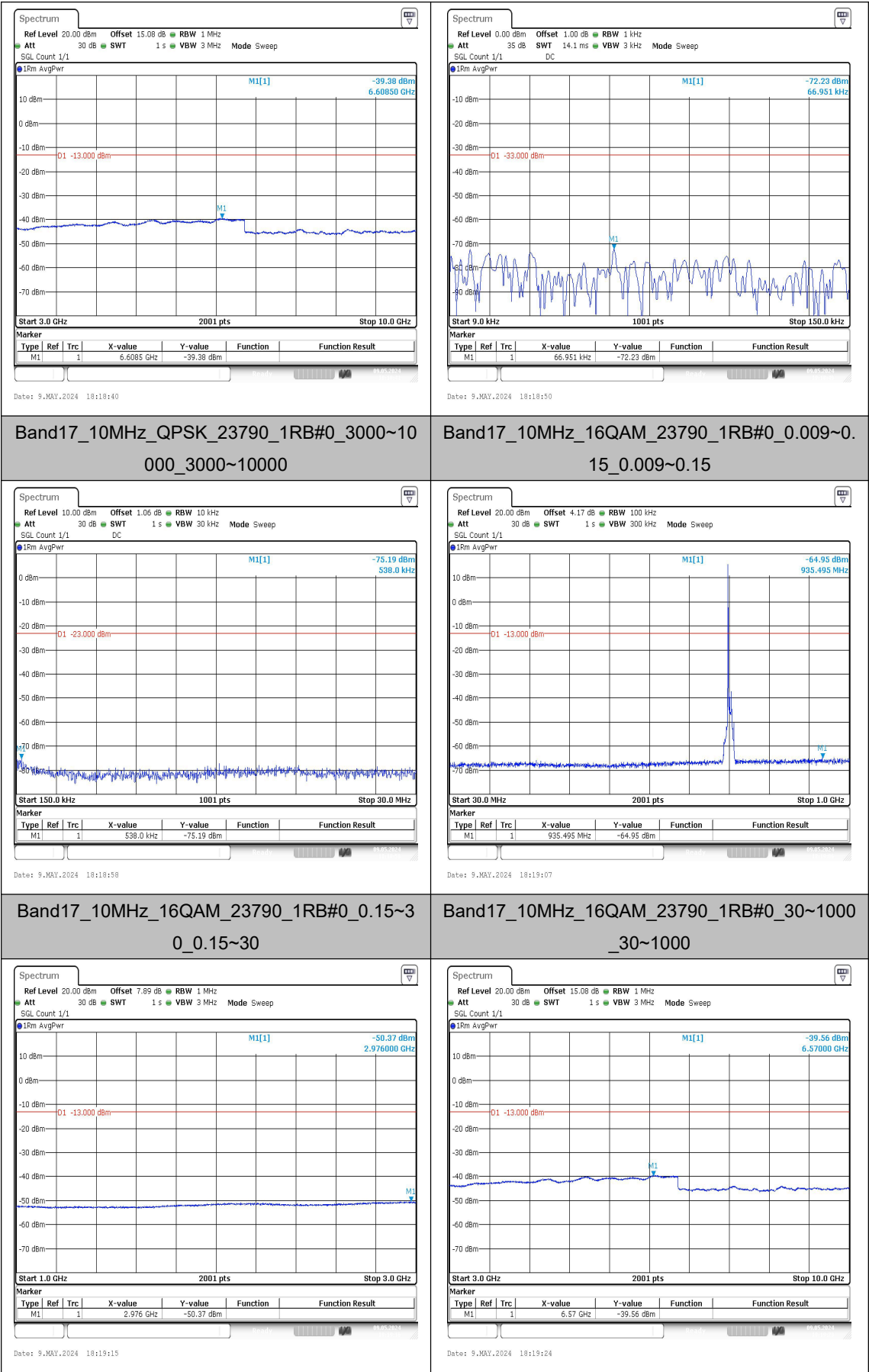
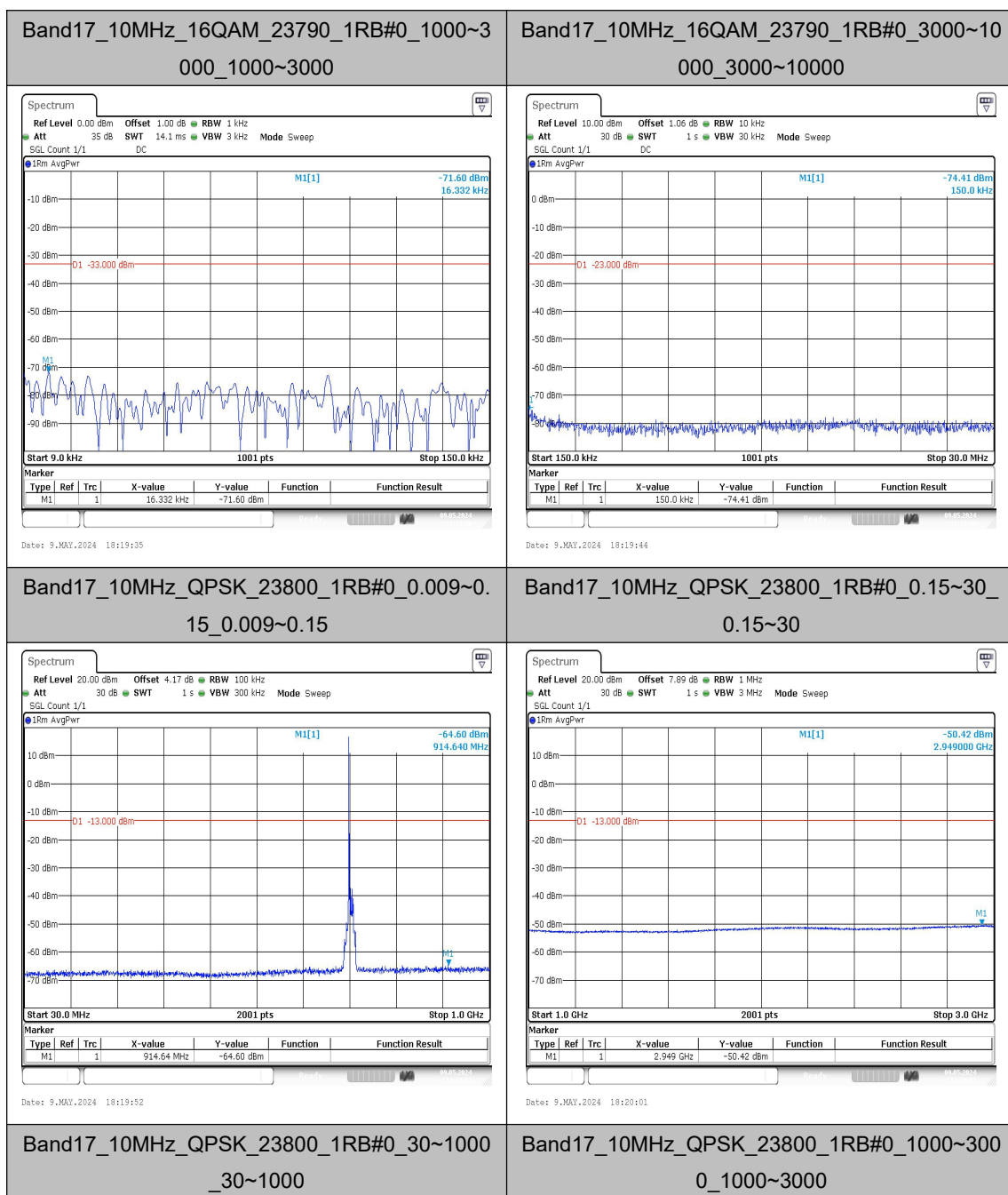
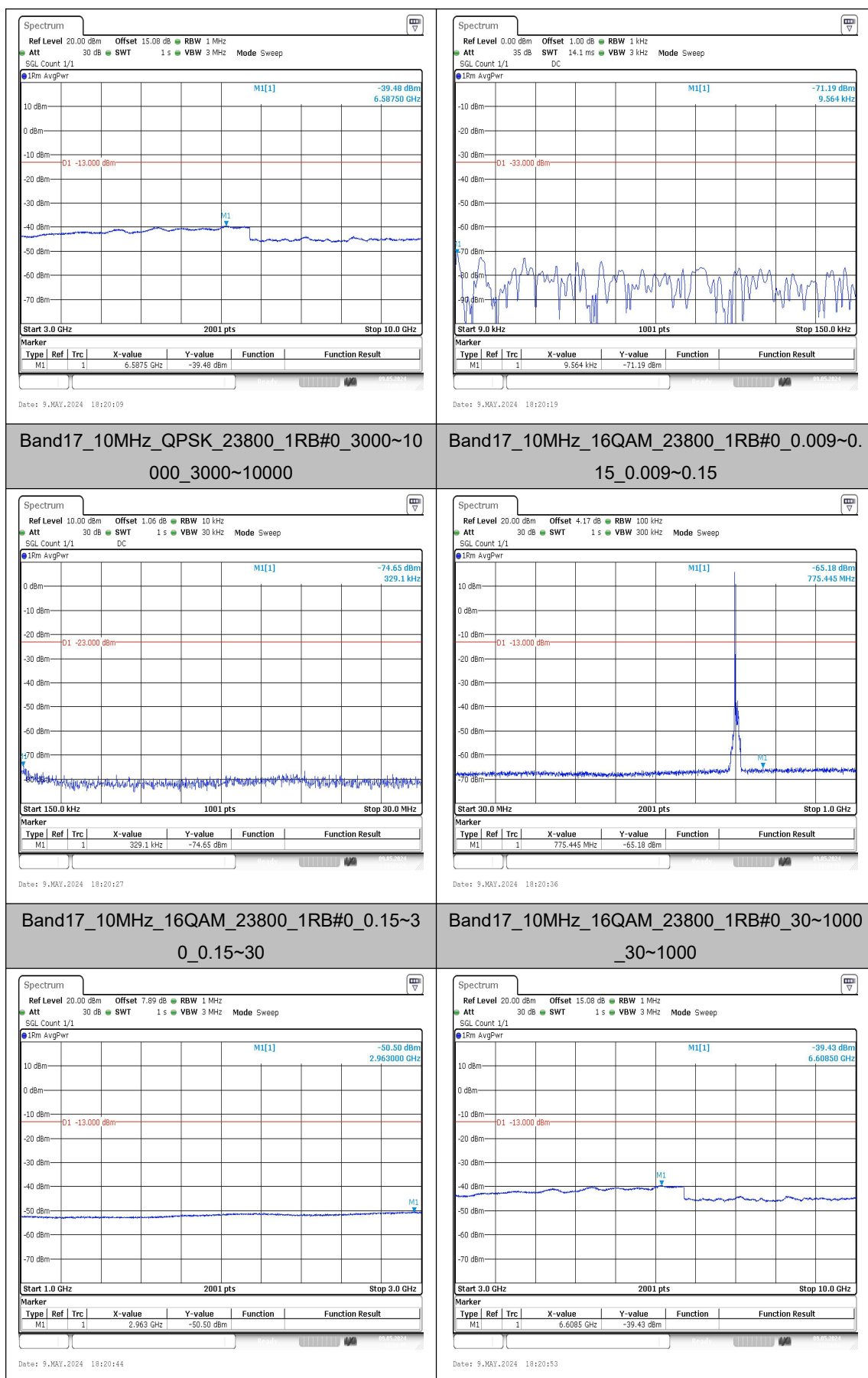










Band17_10MHz_16QAM_23800_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23800_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	2.72	0.003850	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-3.65	-0.005166	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	2.13	0.003015	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-5.95	-0.008422	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-6.77	-0.009582	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-5.35	-0.007573	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-3.50	-0.004930	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-5.87	-0.008268	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-4.81	-0.006775	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-4.58	-0.006451	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-4.08	-0.005746	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-5.32	-0.007493	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	2.59	0.003630	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-1.65	-0.002313	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-6.18	-0.008662	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-1.80	-0.002523	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-6.25	-0.008760	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	3.40	0.004765	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-4.43	-0.006248	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-3.99	-0.005628	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-5.08	-0.007165	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-1.29	-0.001819	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-1.96	-0.002764	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-5.99	-0.008449	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-6.19	-0.008718	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-3.99	-0.005620	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-6.71	-0.009451	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-3.48	-0.004901	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-5.08	-0.007155	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-3.66	-0.005155	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-4.89	-0.006878	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-3.63	-0.005105	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-2.69	-0.003783	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-2.72	-0.003826	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-2.47	-0.003474	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-2.66	-0.003741	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	1.80	0.002548	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-5.54	-0.007841	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	2.57	0.003638	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-6.38	-0.009030	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-1.42	-0.002010	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	1.37	0.001939	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-3.48	-0.004926	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-1.76	-0.002491	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-3.81	-0.005393	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-3.43	-0.004855	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-2.22	-0.003142	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	4.81	0.006808	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	2.72	0.003850	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-4.15	-0.005874	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-6.21	-0.008790	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-1.93	-0.002732	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-5.34	-0.007558	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-2.09	-0.002958	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-5.42	-0.007634	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-5.18	-0.007296	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	2.39	0.003366	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-5.29	-0.007451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-4.09	-0.005761	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	2.15	0.003028	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-3.53	-0.004972	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-4.68	-0.006592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-1.96	-0.002761	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-6.37	-0.008972	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	2.40	0.003380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-2.96	-0.004169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-1.87	-0.002634	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-6.81	-0.009592	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-3.15	-0.004437	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-5.49	-0.007732	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	40	-1.59	-0.002239	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-7.41	-0.010437	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-6.01	-0.008423	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-1.16	-0.001626	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-4.02	-0.005634	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-2.92	-0.004093	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-4.94	-0.006924	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-6.78	-0.009502	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-4.84	-0.006783	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-7.18	-0.010063	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-4.05	-0.005676	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-3.53	-0.004947	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-4.03	-0.005648	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-4.06	-0.005690	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-8.11	-0.011367	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-3.46	-0.004849	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-3.89	-0.005452	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-2.60	-0.003644	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-3.78	-0.005298	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-8.57	-0.012011	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-5.19	-0.007320	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-2.65	-0.003738	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-5.14	-0.007250	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-3.30	-0.004654	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-3.53	-0.004979	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-6.08	-0.008575	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	1.47	0.002073	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-4.68	-0.006601	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-4.86	-0.006855	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-2.47	-0.003484	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	3.83	0.005402	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-5.92	-0.008350	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-3.30	-0.004654	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-1.76	-0.002482	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-3.81	-0.005374	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-3.39	-0.004781	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-5.21	-0.007348	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-1.89	-0.002666	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-7.51	-0.010577	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-2.85	-0.004014	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-5.88	-0.008282	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	0	-5.01	-0.007056	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-5.39	-0.007592	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-5.71	-0.008042	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-6.17	-0.008690	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-3.98	-0.005606	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-6.38	-0.008986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-5.88	-0.008282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-4.94	-0.006958	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-4.06	-0.005718	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-2.23	-0.003141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-4.41	-0.006211	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-2.86	-0.004028	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-3.42	-0.004817	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-3.10	-0.004366	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-5.38	-0.007577	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-3.45	-0.004852	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-5.89	-0.008284	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-4.72	-0.006639	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-7.04	-0.009902	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-3.78	-0.005316	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-3.60	-0.005063	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-5.18	-0.007286	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-3.59	-0.005049	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-4.26	-0.005992	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-2.95	-0.004149	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-3.23	-0.004543	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-1.53	-0.002152	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-4.06	-0.005710	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-4.28	-0.006020	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-3.81	-0.005359	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-3.36	-0.004726	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-4.84	-0.006807	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	2.55	0.003586	±2.5	PASS