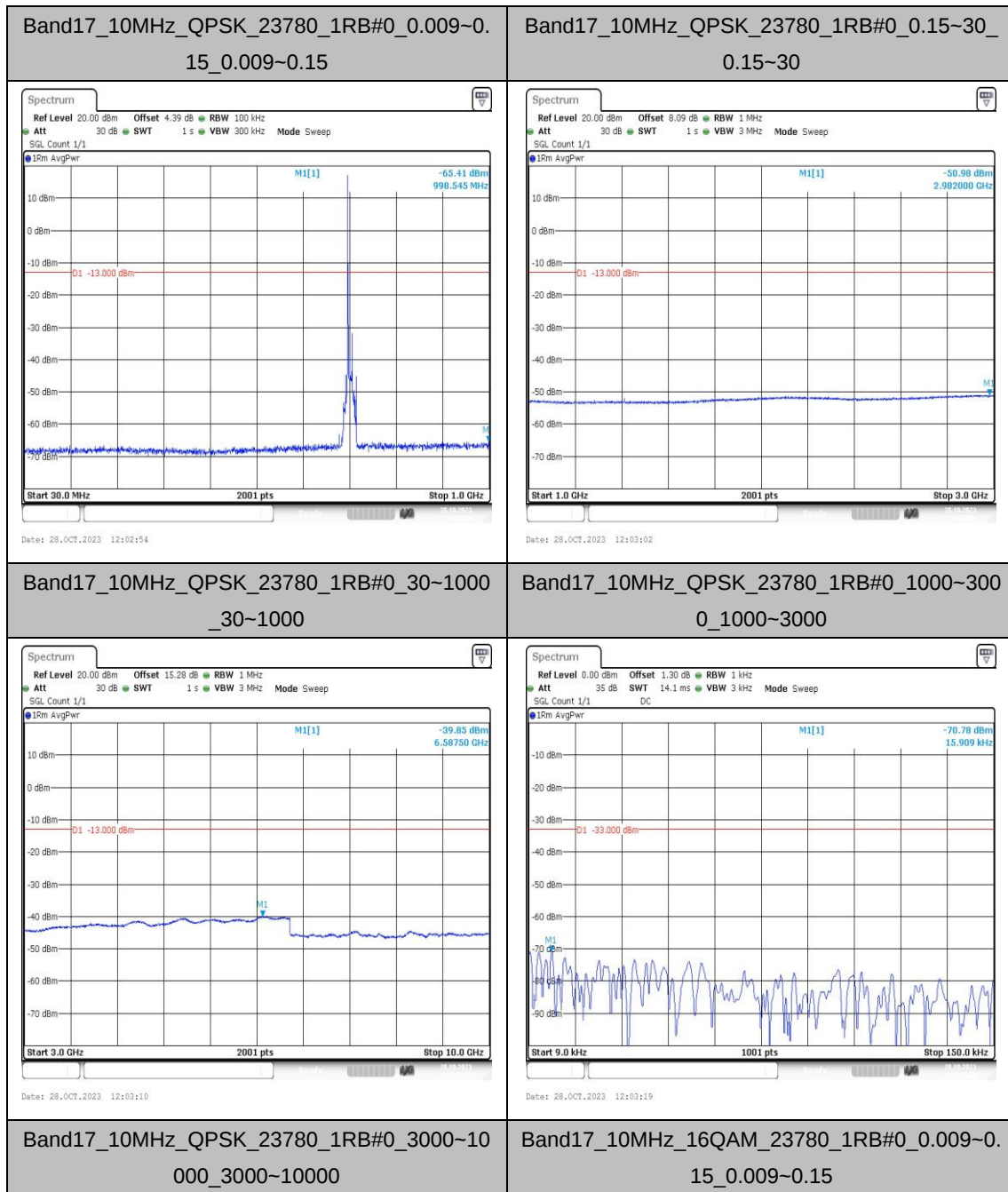
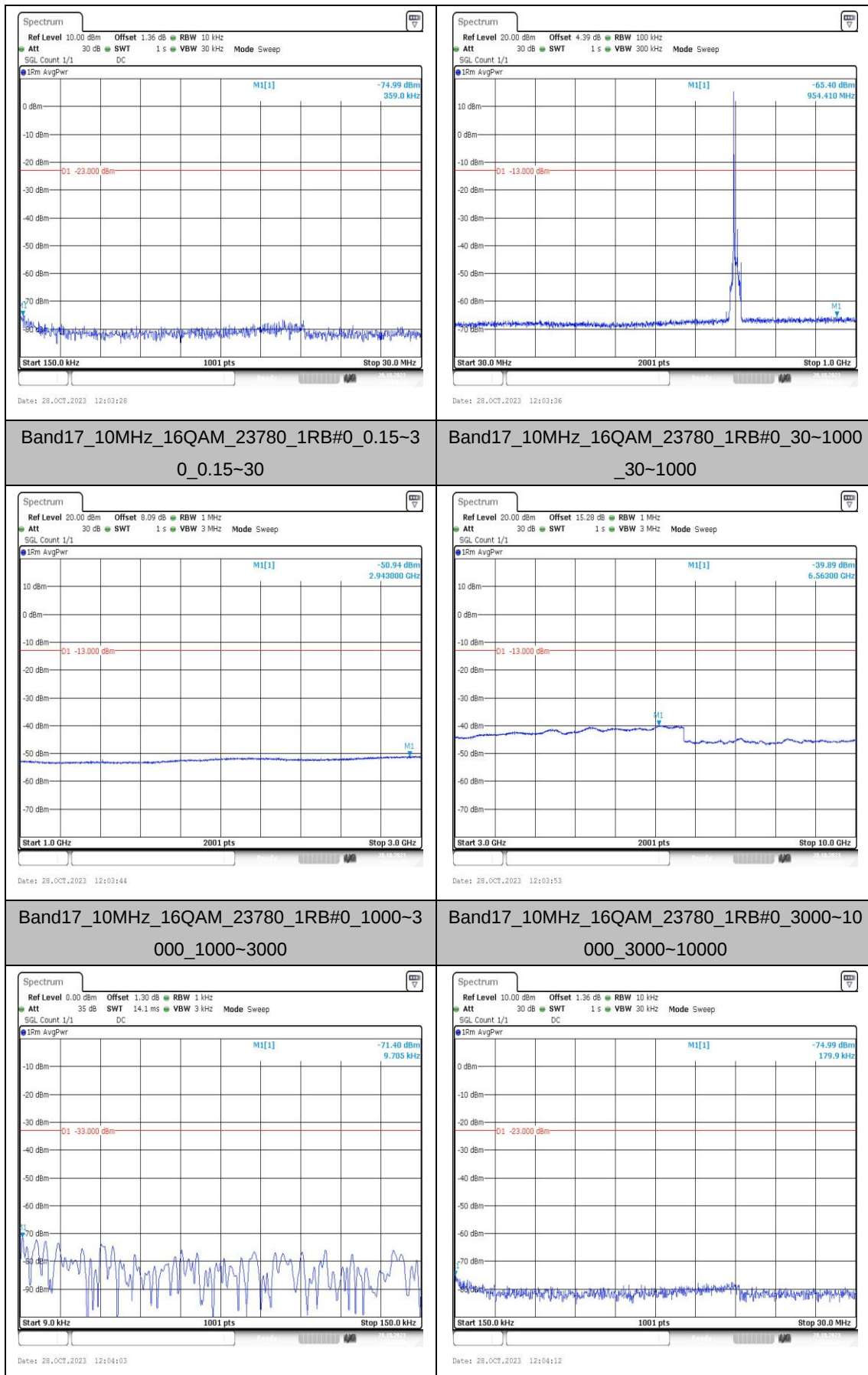
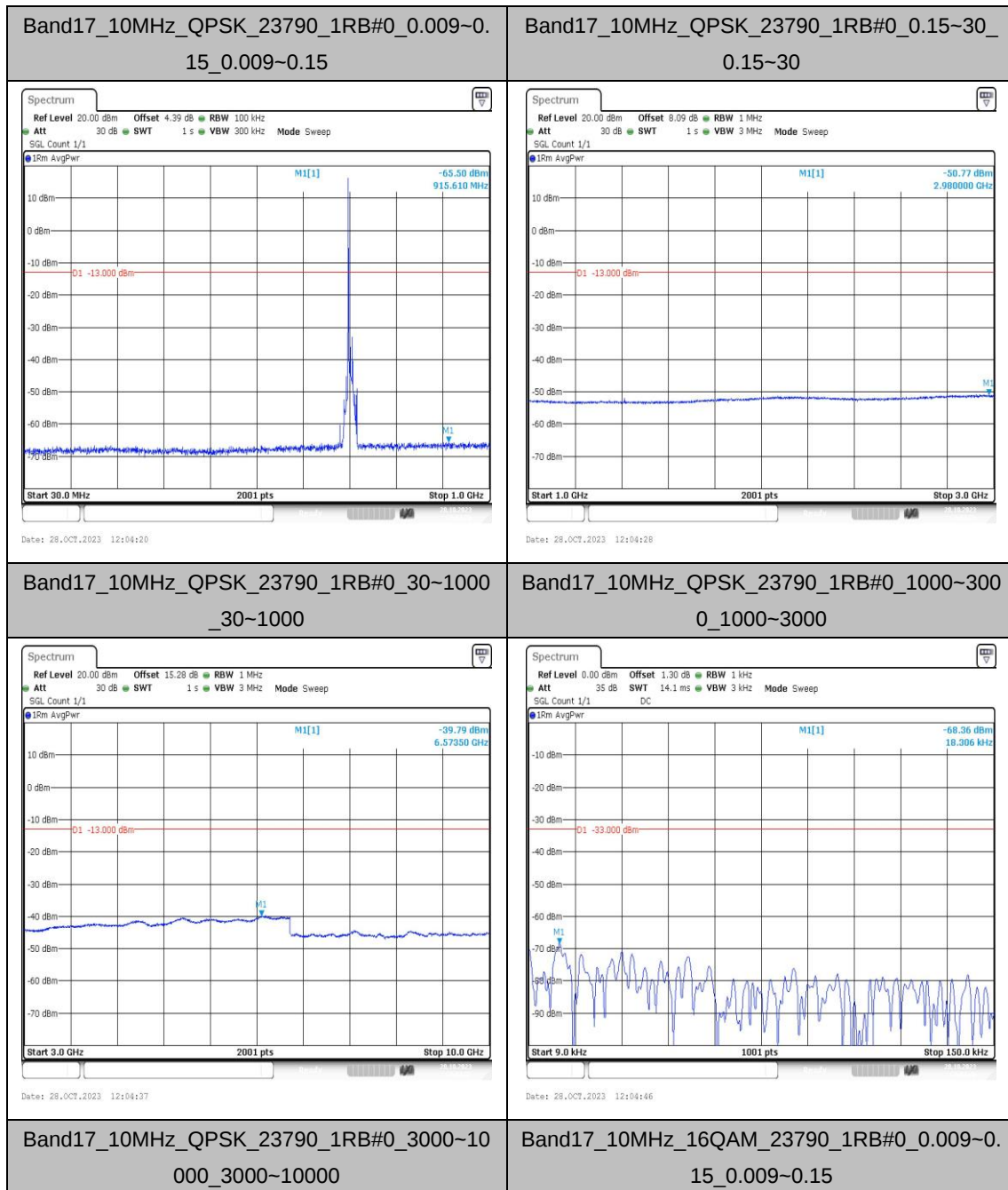
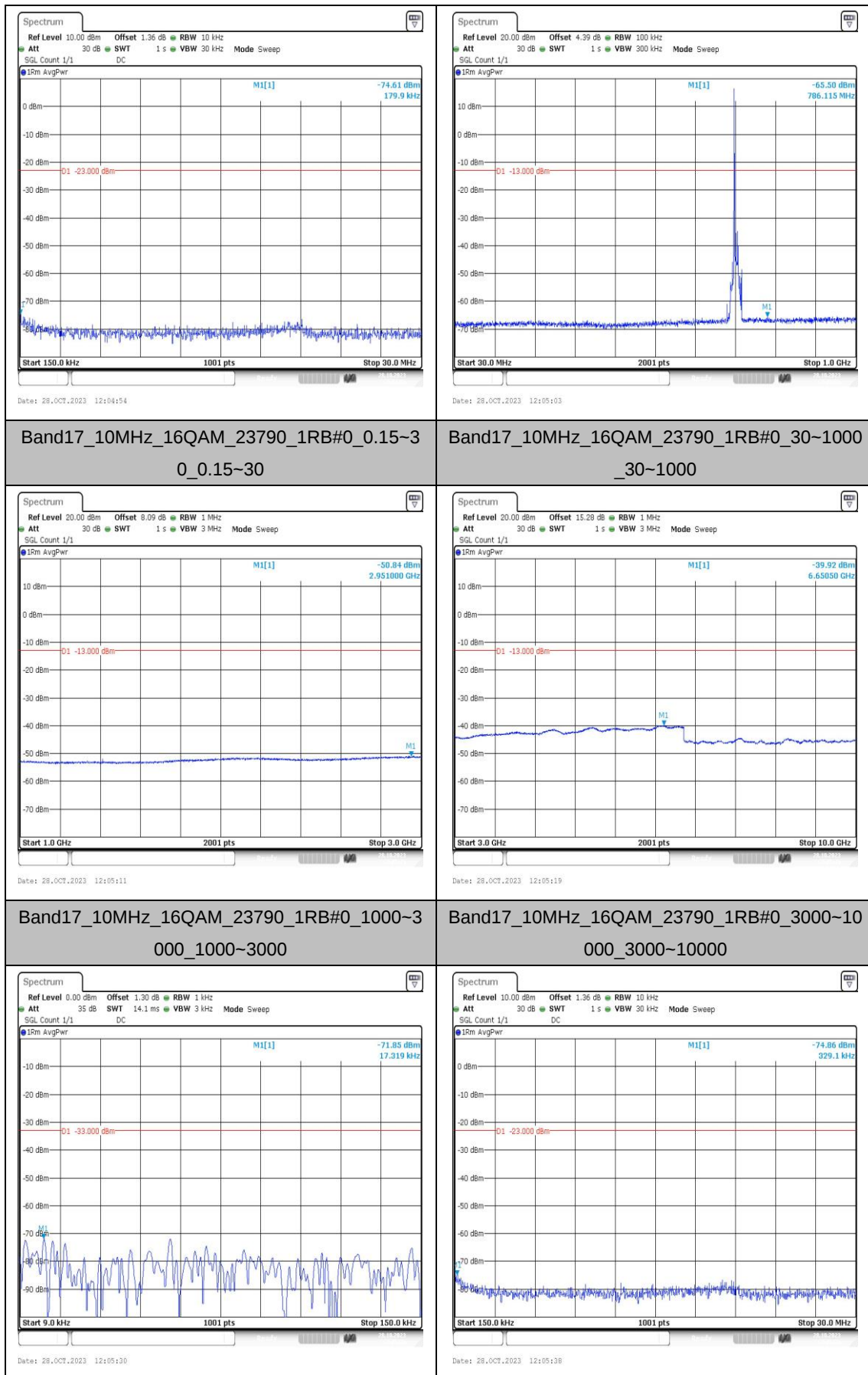
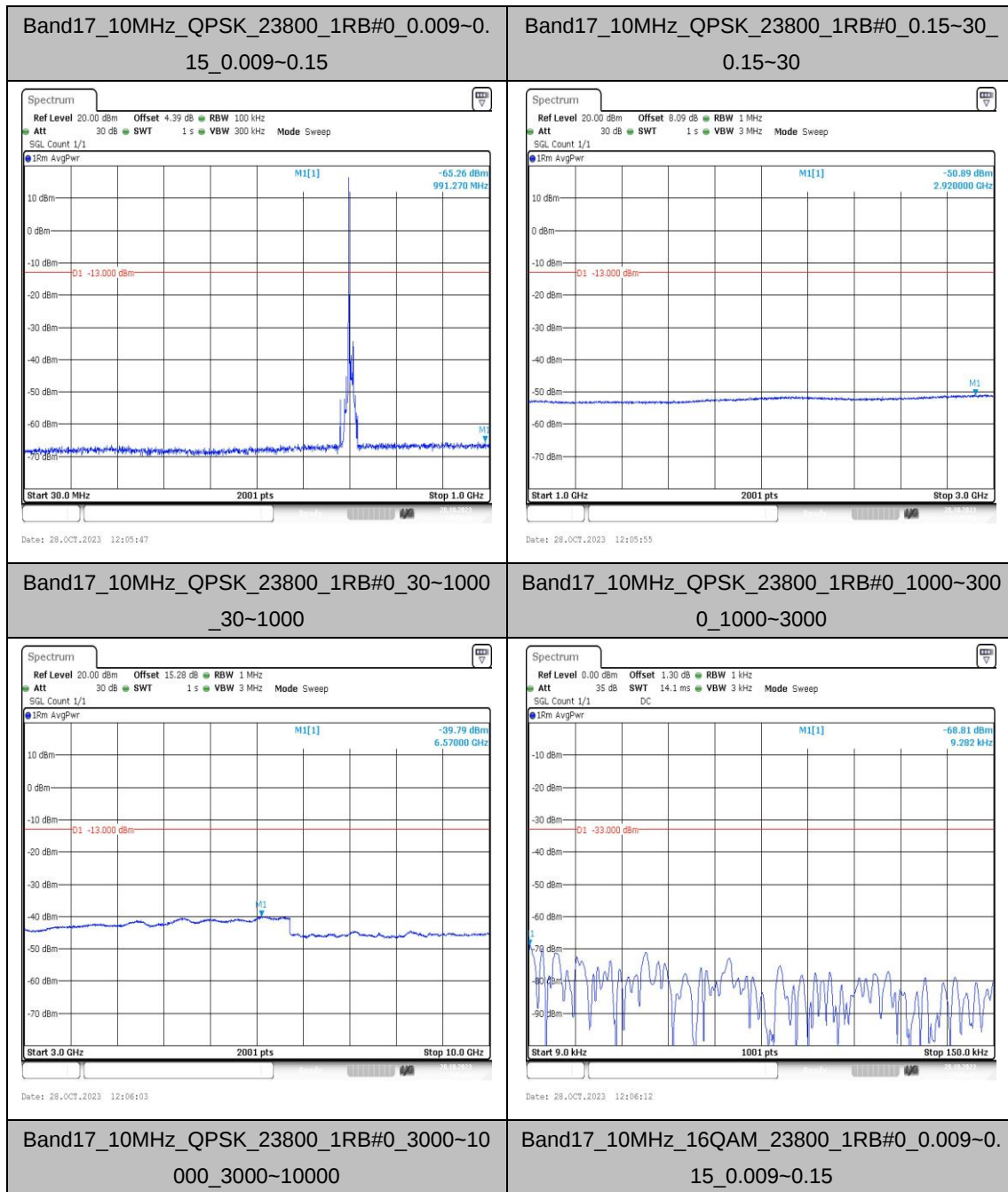


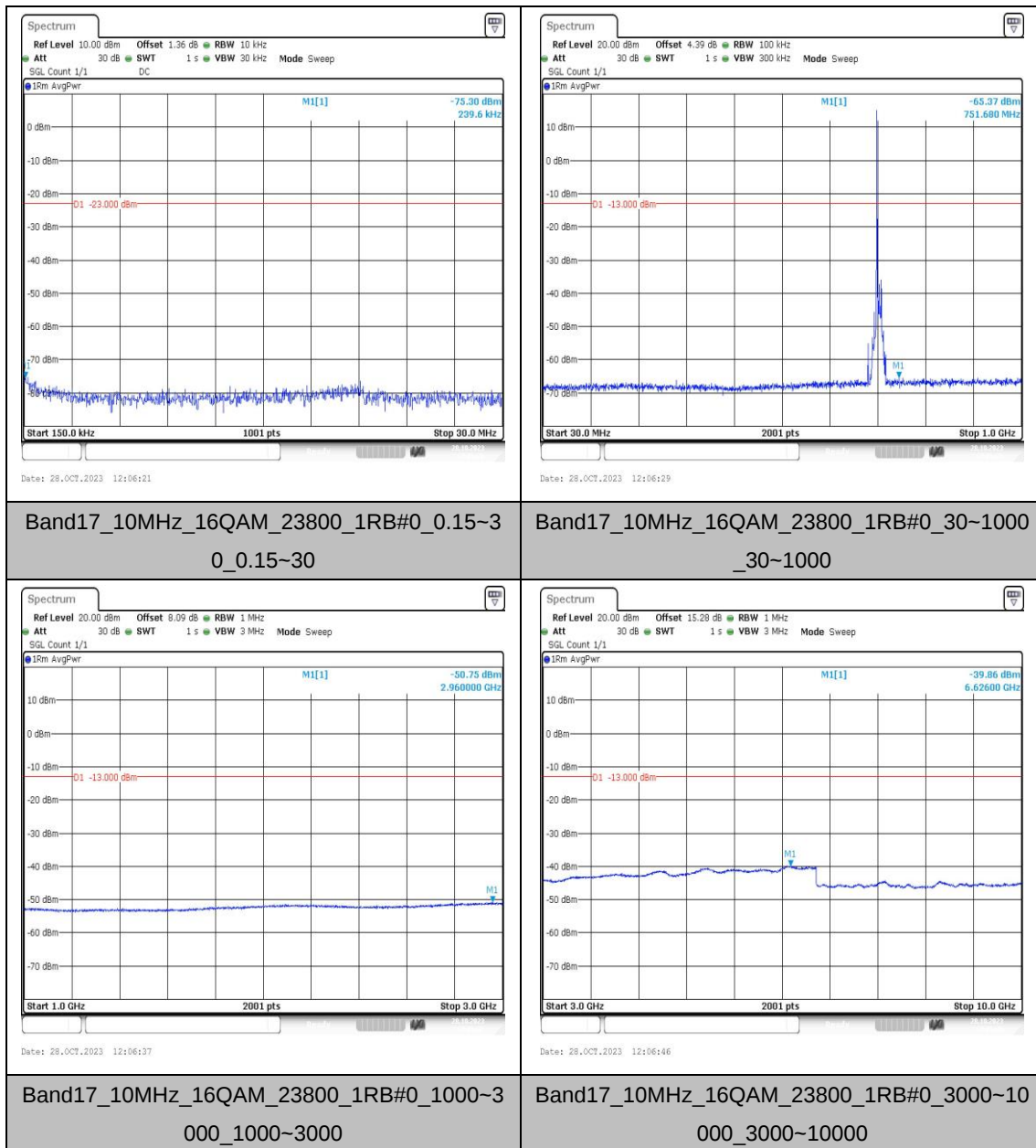












Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-8.10	-0.011465	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-9.88	-0.013984	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-12.95	-0.018330	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-9.56	-0.013531	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-9.96	-0.014098	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-4.71	-0.006667	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-6.68	-0.009408	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-6.69	-0.009423	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-8.11	-0.011423	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-9.37	-0.013197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-9.81	-0.013817	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-7.74	-0.010901	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-3.83	-0.005368	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-6.77	-0.009488	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-11.22	-0.015725	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-8.81	-0.012348	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-6.01	-0.008423	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-5.95	-0.008339	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-12.39	-0.017475	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-11.03	-0.015557	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-12.59	-0.017757	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-10.63	-0.014993	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-5.26	-0.007419	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-2.17	-0.003061	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-7.47	-0.010521	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-6.82	-0.009606	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-7.64	-0.010761	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-9.06	-0.012761	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-10.66	-0.015014	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-5.56	-0.007831	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-2.63	-0.003699	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-11.73	-0.016498	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-11.06	-0.015556	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-5.68	-0.007989	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-8.65	-0.012166	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-10.99	-0.015457	±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	-12.37	-0.017509	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-9.84	-0.013928	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-9.37	-0.013263	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-12.72	-0.018004	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-5.92	-0.008379	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-8.73	-0.012357	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-13.70	-0.019391	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-7.95	-0.011253	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-6.72	-0.009512	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-11.39	-0.016122	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-13.23	-0.018726	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-6.02	-0.008521	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-6.35	-0.008988	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-8.55	-0.012102	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-4.92	-0.006964	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-11.42	-0.016164	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-8.24	-0.011663	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-5.74	-0.008125	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-6.64	-0.009352	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-7.01	-0.009873	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-11.62	-0.016366	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-12.19	-0.017169	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-6.02	-0.008479	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-10.97	-0.015451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-11.89	-0.016746	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-5.32	-0.007493	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-9.37	-0.013197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-8.31	-0.011704	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-7.62	-0.010732	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-8.50	-0.011972	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-5.61	-0.007901	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-12.65	-0.017817	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-6.88	-0.009690	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	30	-6.68	-0.009408	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-6.92	-0.009746	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-9.84	-0.013859	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-8.84	-0.012390	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-7.98	-0.011184	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-2.47	-0.003462	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-11.42	-0.016006	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-10.09	-0.014142	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-8.63	-0.012095	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-4.32	-0.006055	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-10.71	-0.015011	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-12.97	-0.018178	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-9.67	-0.013553	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-10.70	-0.014996	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-10.64	-0.014912	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-10.84	-0.015193	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-10.47	-0.014674	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-10.91	-0.015291	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-9.26	-0.012978	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-8.28	-0.011605	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-9.28	-0.013006	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-12.45	-0.017560	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-13.35	-0.018829	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-8.51	-0.012003	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-9.03	-0.012736	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-8.57	-0.012087	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-8.15	-0.011495	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-7.78	-0.010973	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-11.13	-0.015698	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-9.70	-0.013681	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-9.26	-0.013061	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-10.56	-0.014894	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-11.60	-0.016361	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-6.37	-0.008984	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-8.75	-0.012341	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-8.14	-0.011481	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-9.07	-0.012793	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-12.13	-0.017109	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-7.85	-0.011072	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-6.65	-0.009366	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-7.51	-0.010577	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-8.48	-0.011944	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-7.97	-0.011225	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-9.54	-0.013437	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-5.22	-0.007352	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-2.02	-0.002845	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-9.11	-0.012831	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-9.10	-0.012817	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-5.49	-0.007732	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-8.04	-0.011324	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-16.61	-0.023394	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-8.98	-0.012648	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-6.47	-0.009113	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-9.34	-0.013155	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-4.56	-0.006423	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-11.50	-0.016197	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-9.27	-0.013056	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-7.32	-0.010295	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-6.17	-0.008678	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-4.49	-0.006315	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-9.20	-0.012940	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-6.41	-0.009015	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-8.45	-0.011885	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-4.09	-0.005752	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-11.57	-0.016273	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-9.34	-0.013136	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-9.90	-0.013924	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-11.33	-0.015935	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-9.33	-0.013122	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-11.90	-0.016737	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-10.19	-0.014332	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-12.86	-0.018087	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-4.79	-0.006737	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-10.26	-0.014430	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-8.94	-0.012574	±2.5	PASS