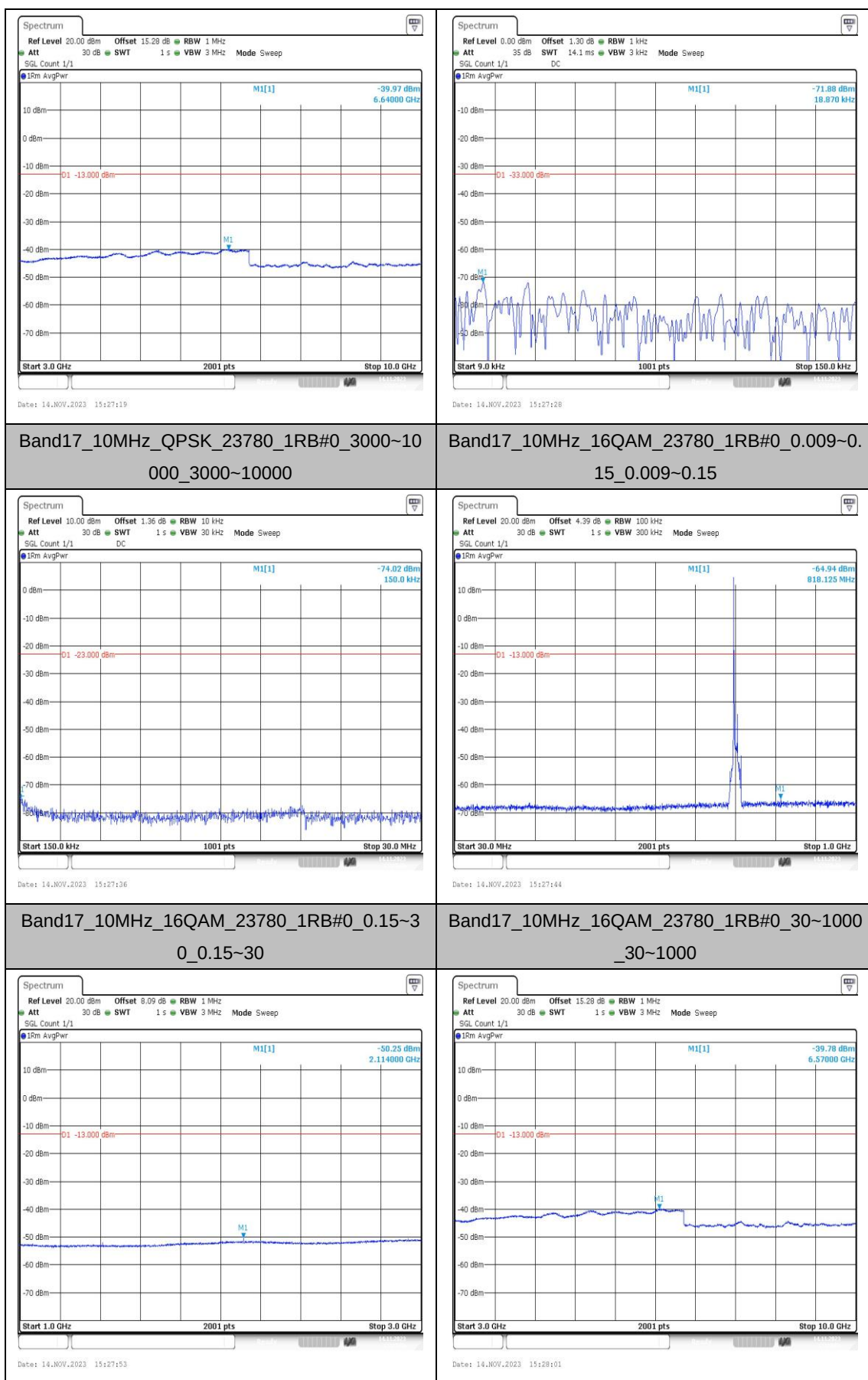
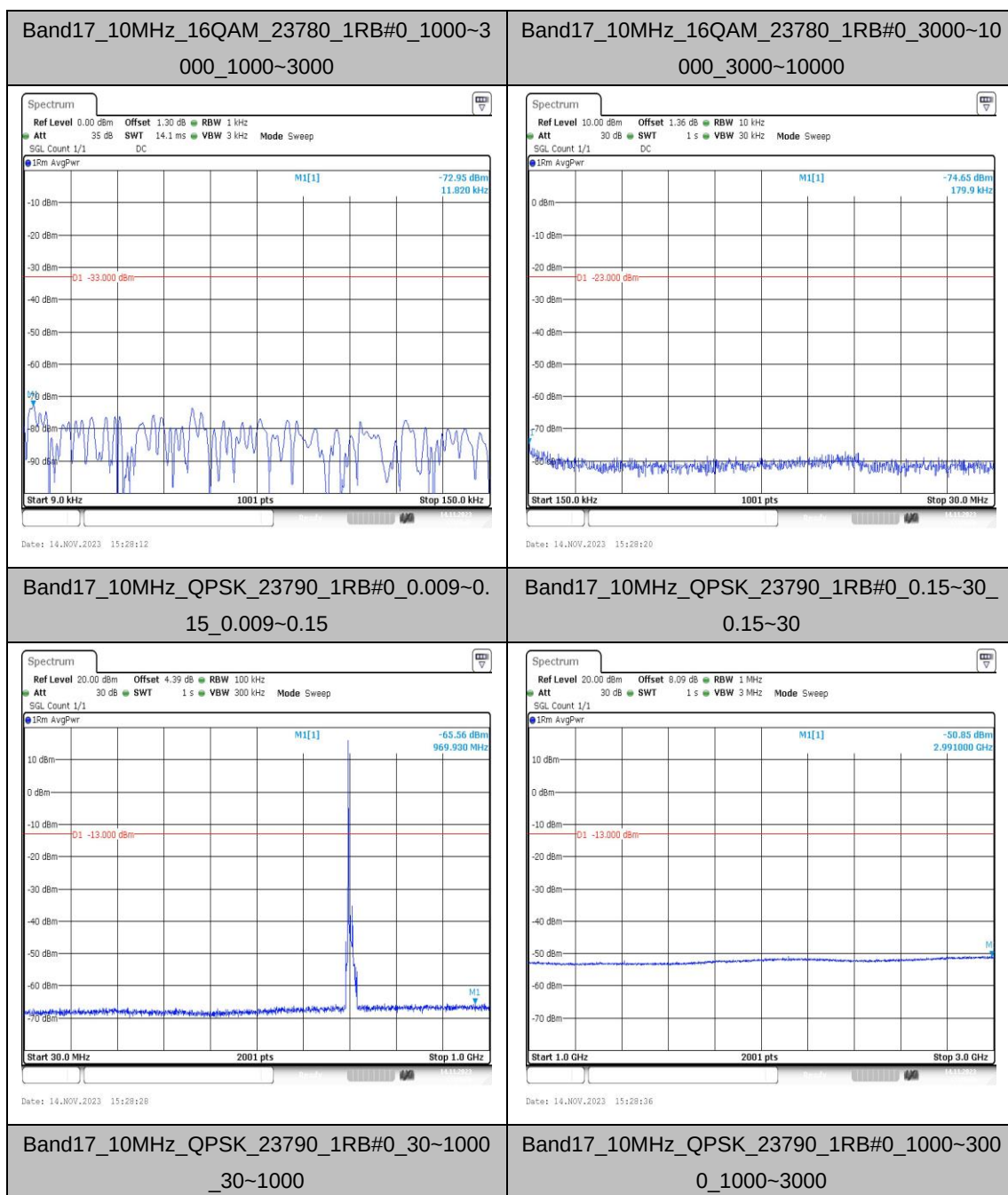
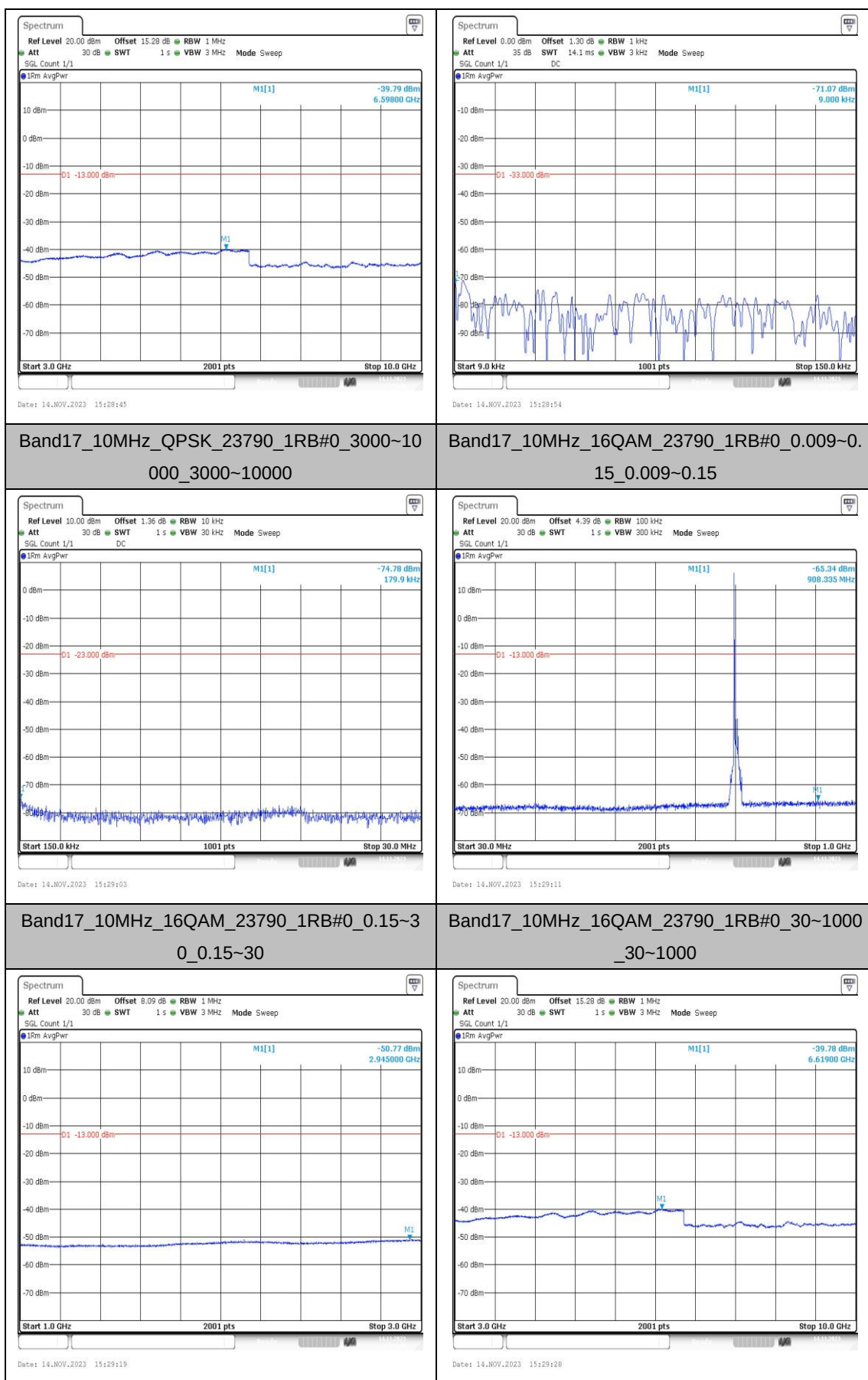
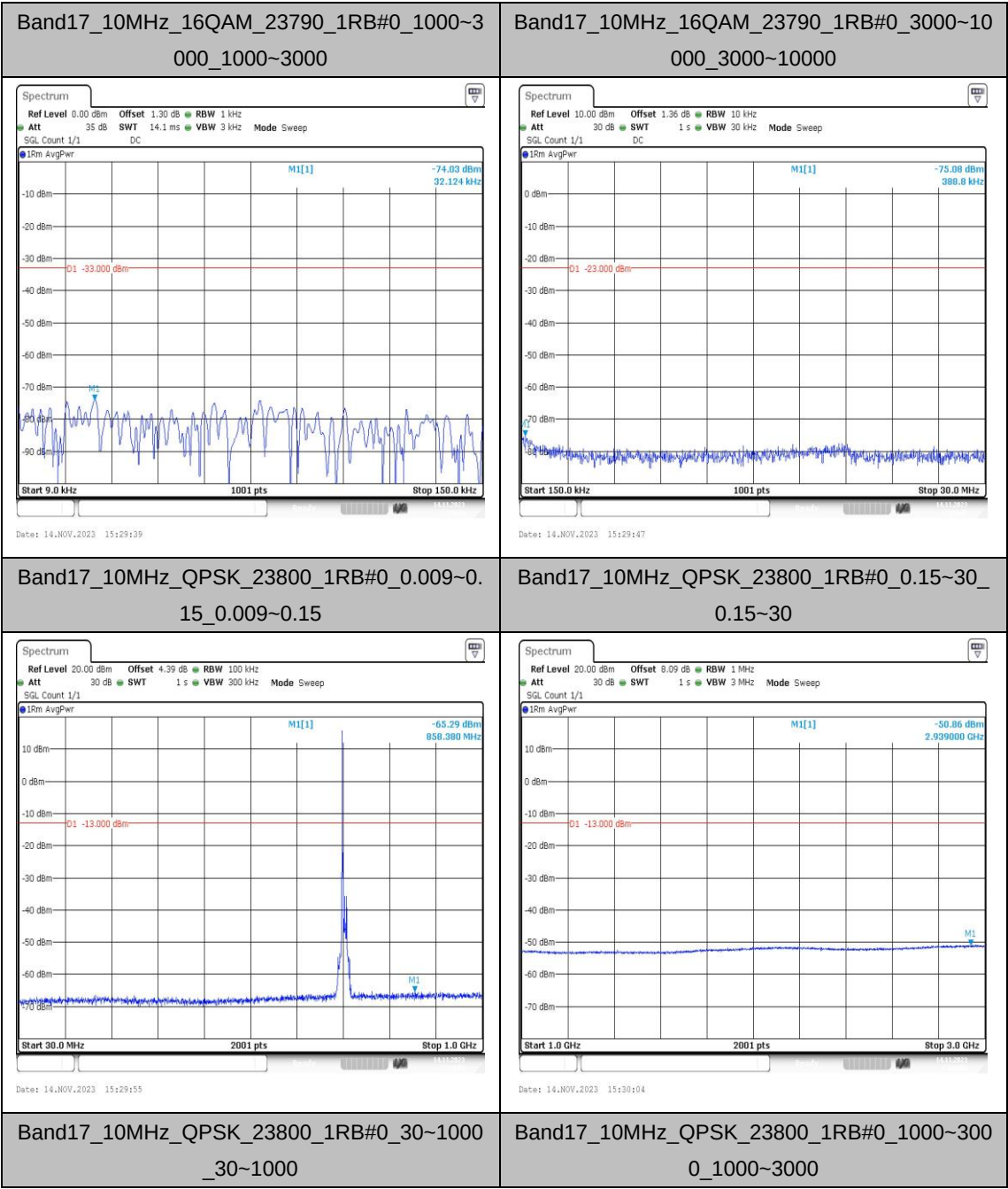
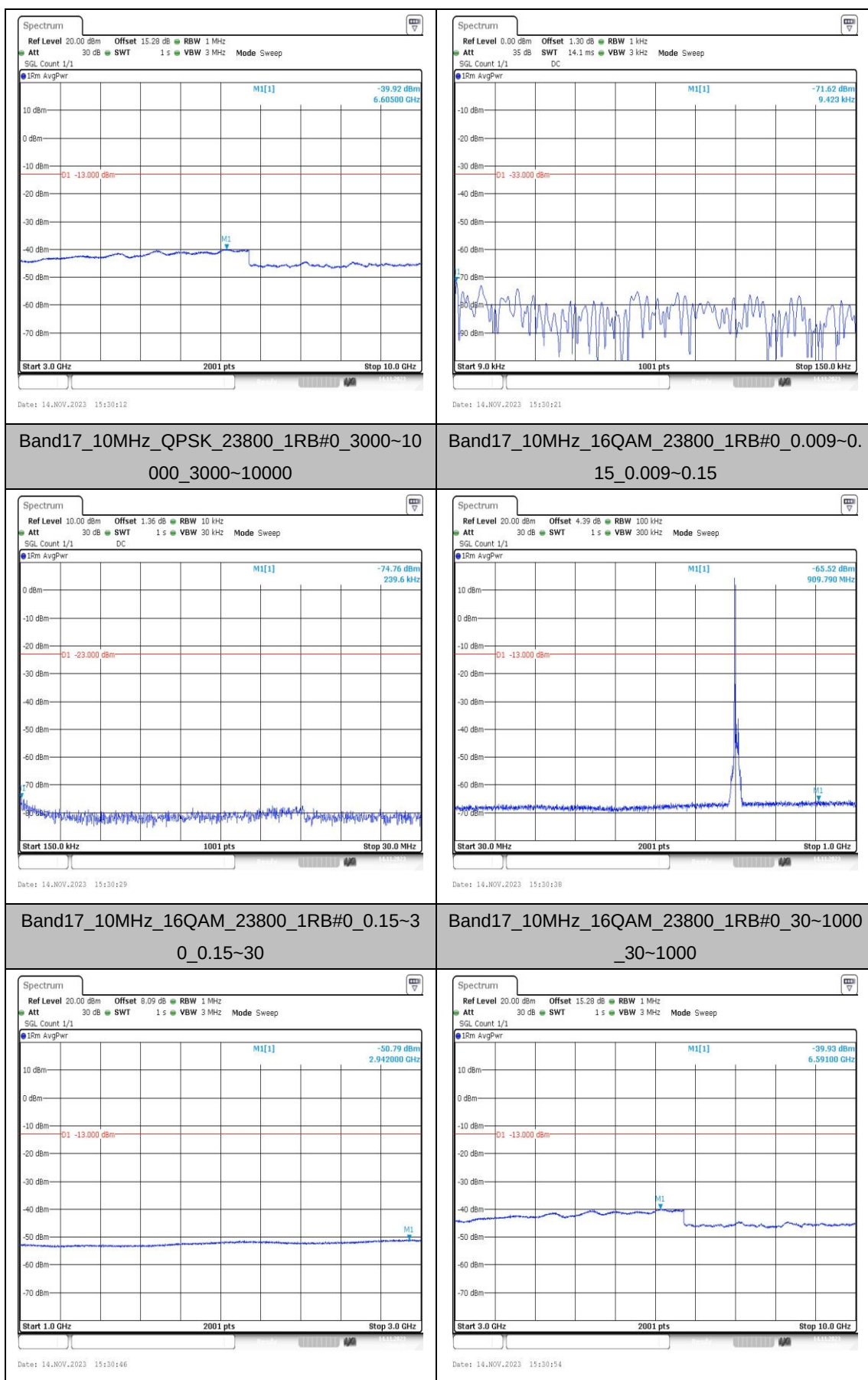












Band17_10MHz_16QAM_23800_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23800_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	-5.68	-0.008040	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-15.32	-0.021684	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-7.32	-0.010361	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-9.24	-0.013079	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-6.95	-0.009837	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-18.35	-0.025973	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-8.87	-0.012493	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-9.53	-0.013423	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-8.35	-0.011761	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-8.70	-0.012254	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-4.21	-0.005930	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-12.46	-0.017549	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	1.65	0.002313	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-10.11	-0.014170	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-11.46	-0.016062	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-9.18	-0.012866	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-12.39	-0.017365	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-12.75	-0.017870	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-10.16	-0.014330	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-15.18	-0.021410	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-9.97	-0.014062	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-8.80	-0.012412	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-15.05	-0.021227	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-5.24	-0.007391	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-8.44	-0.011887	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-5.29	-0.007451	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-13.90	-0.019577	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-8.41	-0.011845	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-4.66	-0.006563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-7.00	-0.009859	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-4.03	-0.005668	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-11.32	-0.015921	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-8.18	-0.011505	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-6.81	-0.009578	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-7.02	-0.009873	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-9.00	-0.012658	±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	-9.08	-0.012852	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-14.32	-0.020269	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-10.91	-0.015442	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-7.94	-0.011238	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-10.17	-0.014395	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-4.12	-0.005832	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-9.28	-0.013135	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-5.56	-0.007870	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-10.07	-0.014253	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-6.55	-0.009271	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-6.01	-0.008507	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-4.28	-0.006058	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-8.60	-0.012173	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-4.84	-0.006851	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-7.55	-0.010686	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-9.28	-0.013135	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-9.81	-0.013885	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-9.37	-0.013263	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-8.08	-0.011380	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-10.01	-0.014099	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-12.25	-0.017254	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-9.98	-0.014056	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-12.56	-0.017690	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-7.71	-0.010859	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-9.16	-0.012901	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-8.15	-0.011479	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-9.06	-0.012761	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-9.74	-0.013718	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	0.94	0.001324	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-10.79	-0.015197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-12.17	-0.017141	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-11.97	-0.016859	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-12.87	-0.018127	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	30	-5.78	-0.008141	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-8.80	-0.012394	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-12.83	-0.018070	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-4.61	-0.006461	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-12.45	-0.017449	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-4.06	-0.005690	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-9.23	-0.012936	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-4.92	-0.006896	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-10.09	-0.014142	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-9.77	-0.013693	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-8.43	-0.011815	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-12.30	-0.017239	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	1.89	0.002649	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-8.77	-0.012292	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-5.87	-0.008227	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-11.94	-0.016734	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-13.23	-0.018542	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-12.07	-0.016917	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-9.27	-0.012992	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-11.90	-0.016678	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-4.46	-0.006251	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-10.66	-0.015035	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-9.04	-0.012750	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-11.44	-0.016135	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-9.58	-0.013512	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-6.22	-0.008773	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-11.76	-0.016587	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-12.25	-0.017278	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-7.47	-0.010536	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-7.30	-0.010296	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-4.45	-0.006276	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-9.63	-0.013583	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-10.61	-0.014965	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-5.97	-0.008420	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-1.40	-0.001975	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-12.53	-0.017673	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-8.97	-0.012652	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-6.25	-0.008815	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-1.85	-0.002609	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-6.57	-0.009254	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-9.74	-0.013718	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-4.51	-0.006352	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-2.60	-0.003662	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-8.23	-0.011592	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-9.51	-0.013394	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-13.60	-0.019155	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-6.32	-0.008901	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-7.72	-0.010873	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-3.53	-0.004972	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-8.71	-0.012268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-6.35	-0.008944	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-5.58	-0.007859	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-11.49	-0.016183	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-10.13	-0.014268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-3.18	-0.004479	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-2.79	-0.003930	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-4.03	-0.005676	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-4.39	-0.006174	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-10.49	-0.014754	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-7.84	-0.011027	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-13.28	-0.018678	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-6.65	-0.009353	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-9.77	-0.013741	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-3.32	-0.004669	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-6.45	-0.009072	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-3.83	-0.005387	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-9.04	-0.012714	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-5.82	-0.008186	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-10.60	-0.014909	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-8.54	-0.012011	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-7.78	-0.010942	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-10.53	-0.014810	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-10.66	-0.014993	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-5.97	-0.008397	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-8.03	-0.011294	±2.5	PASS