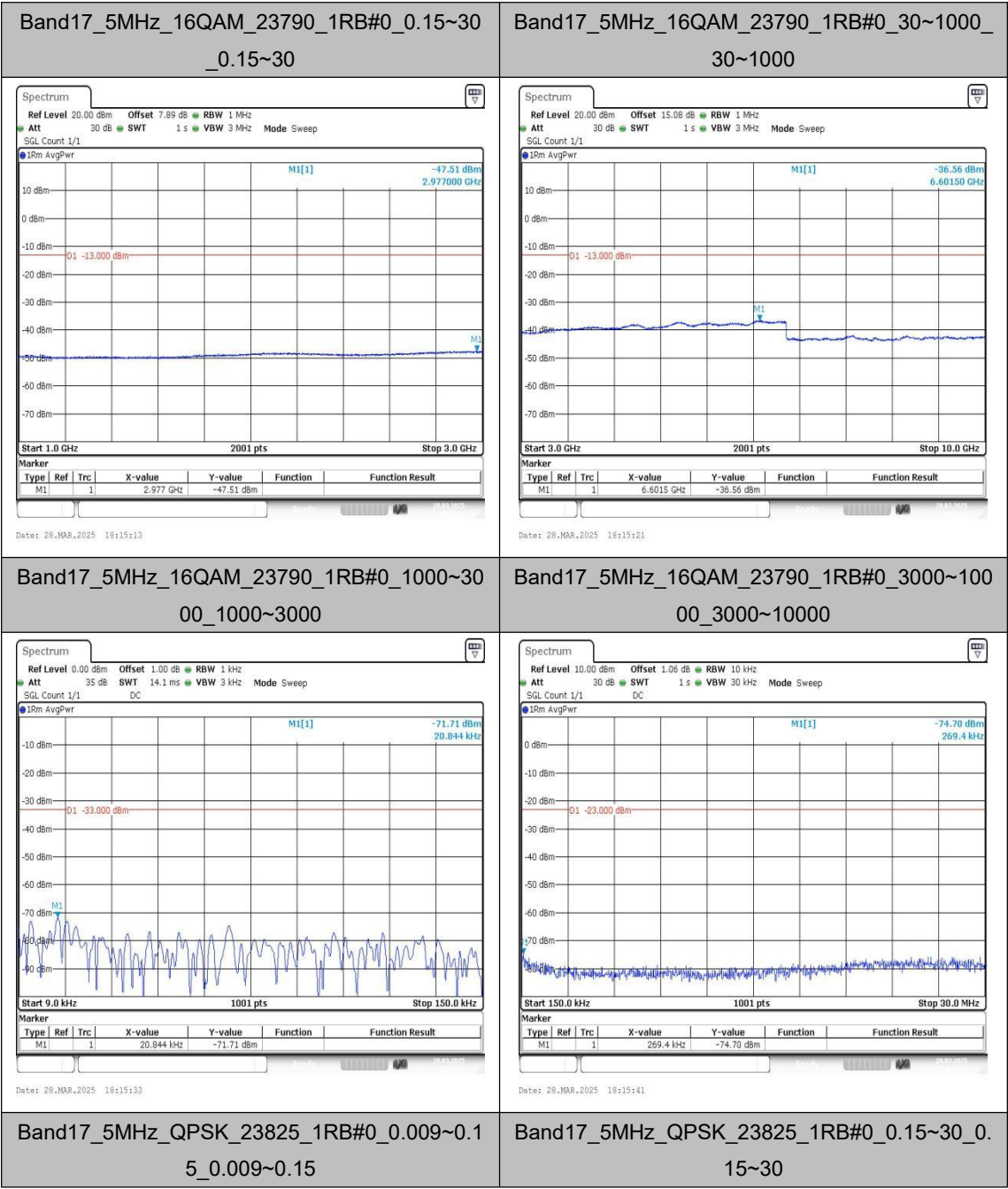
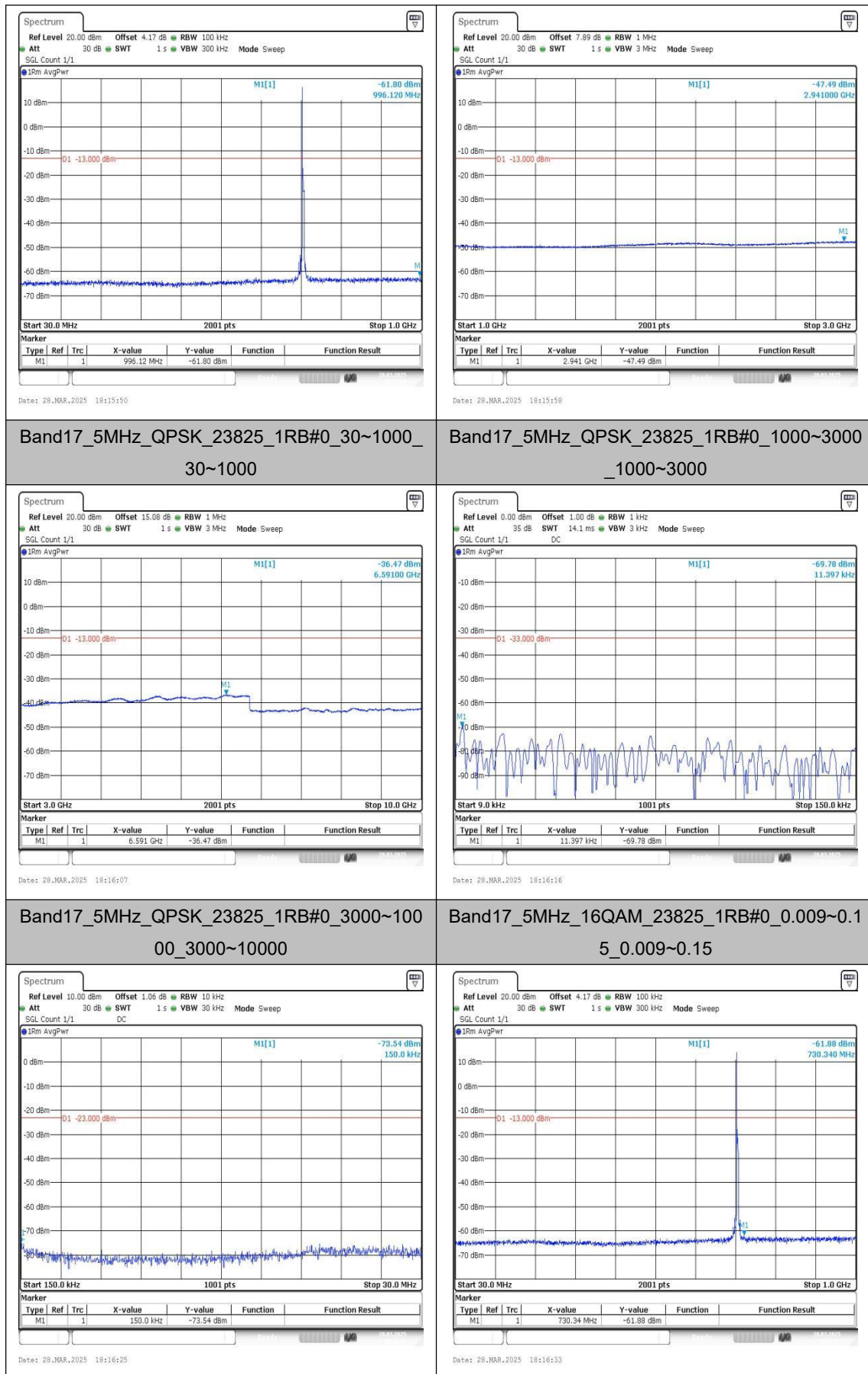
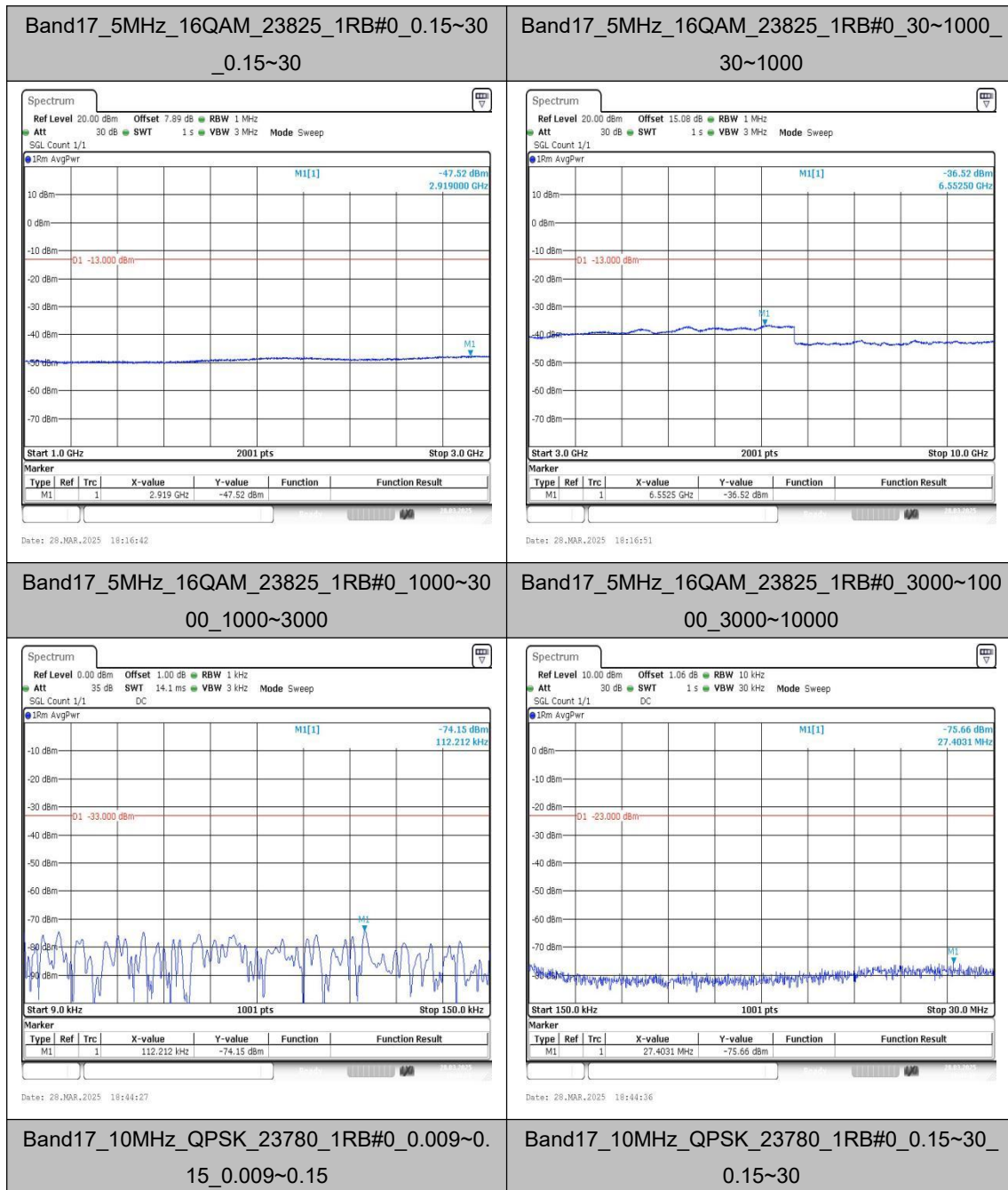
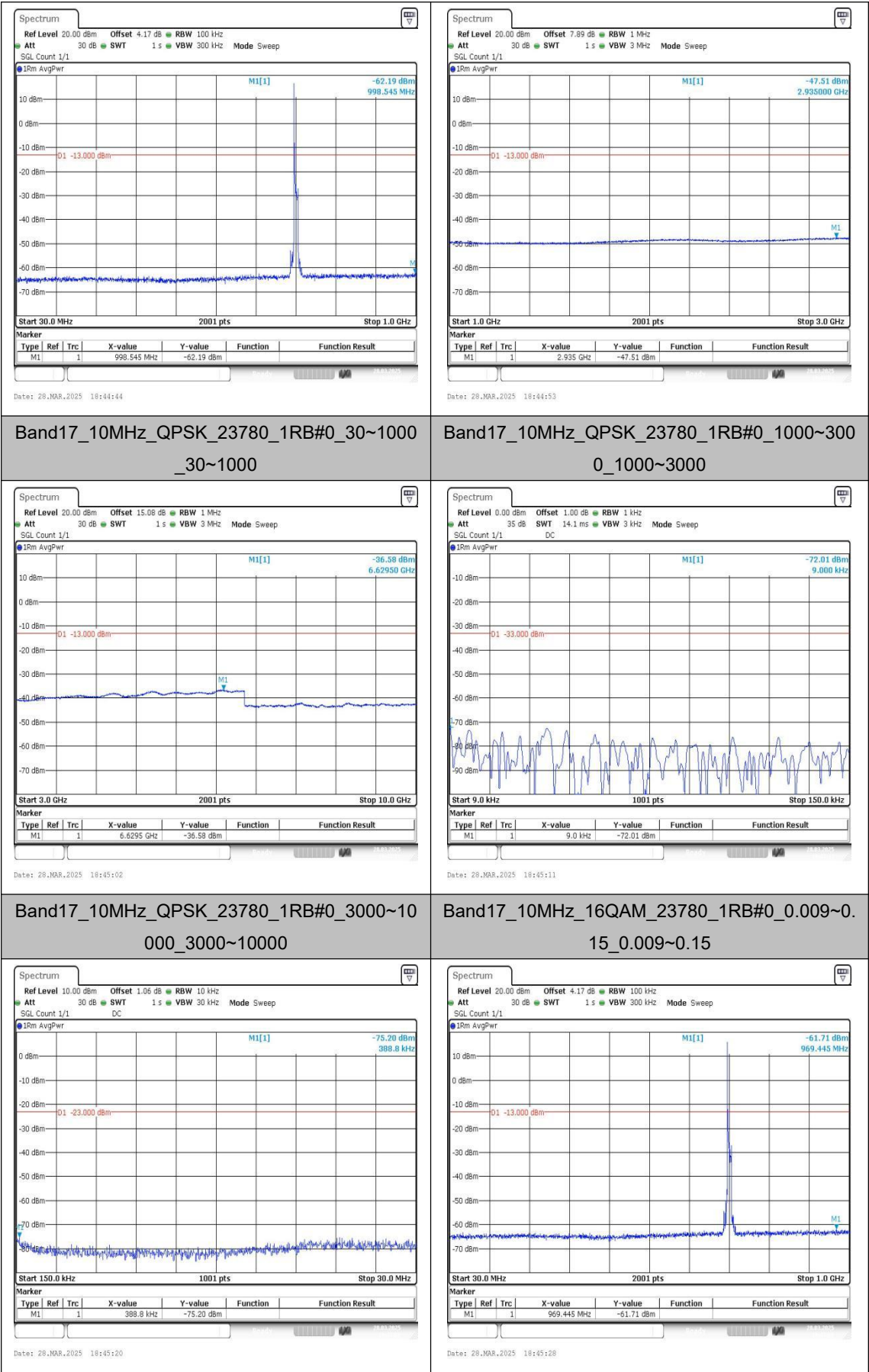
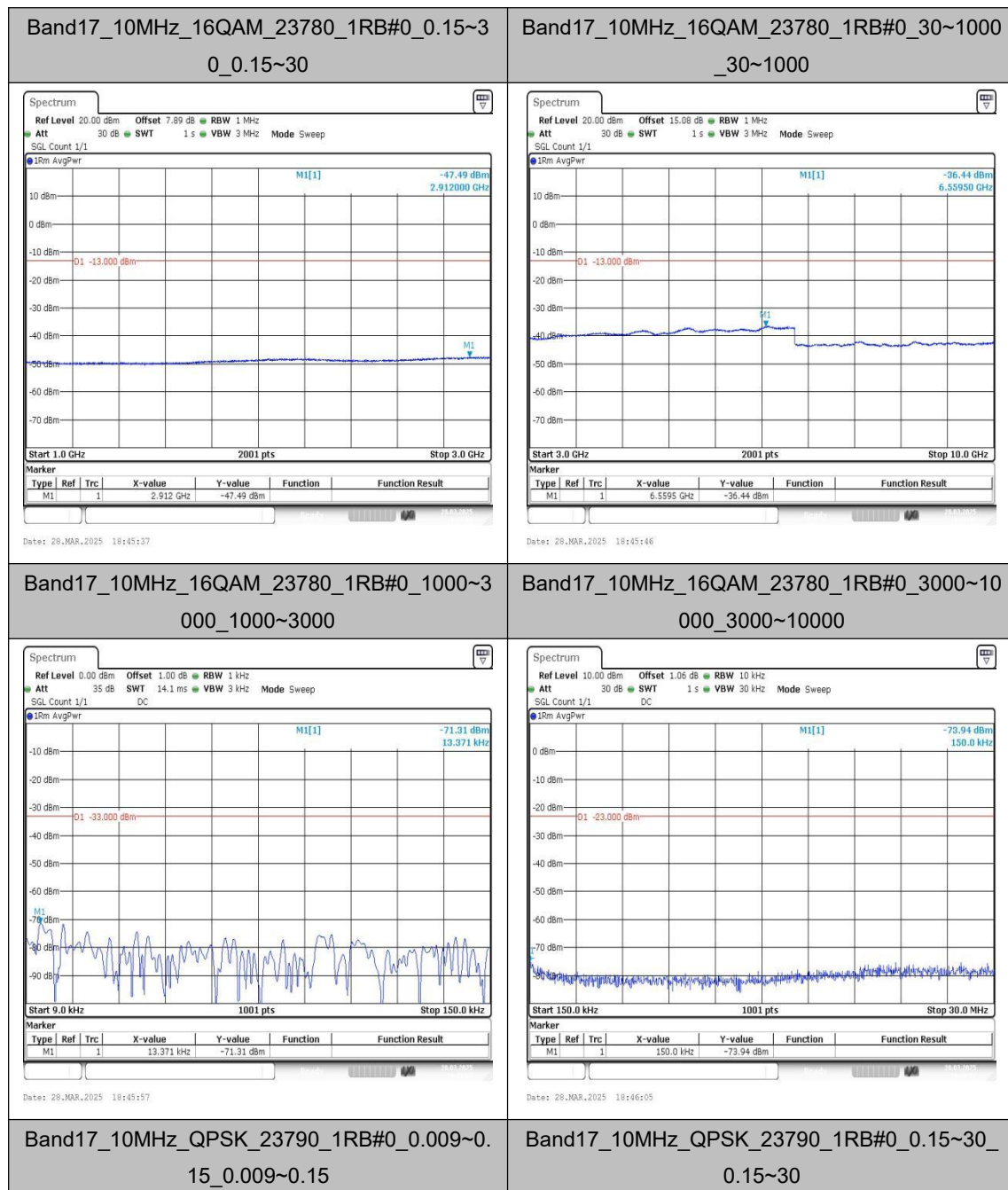


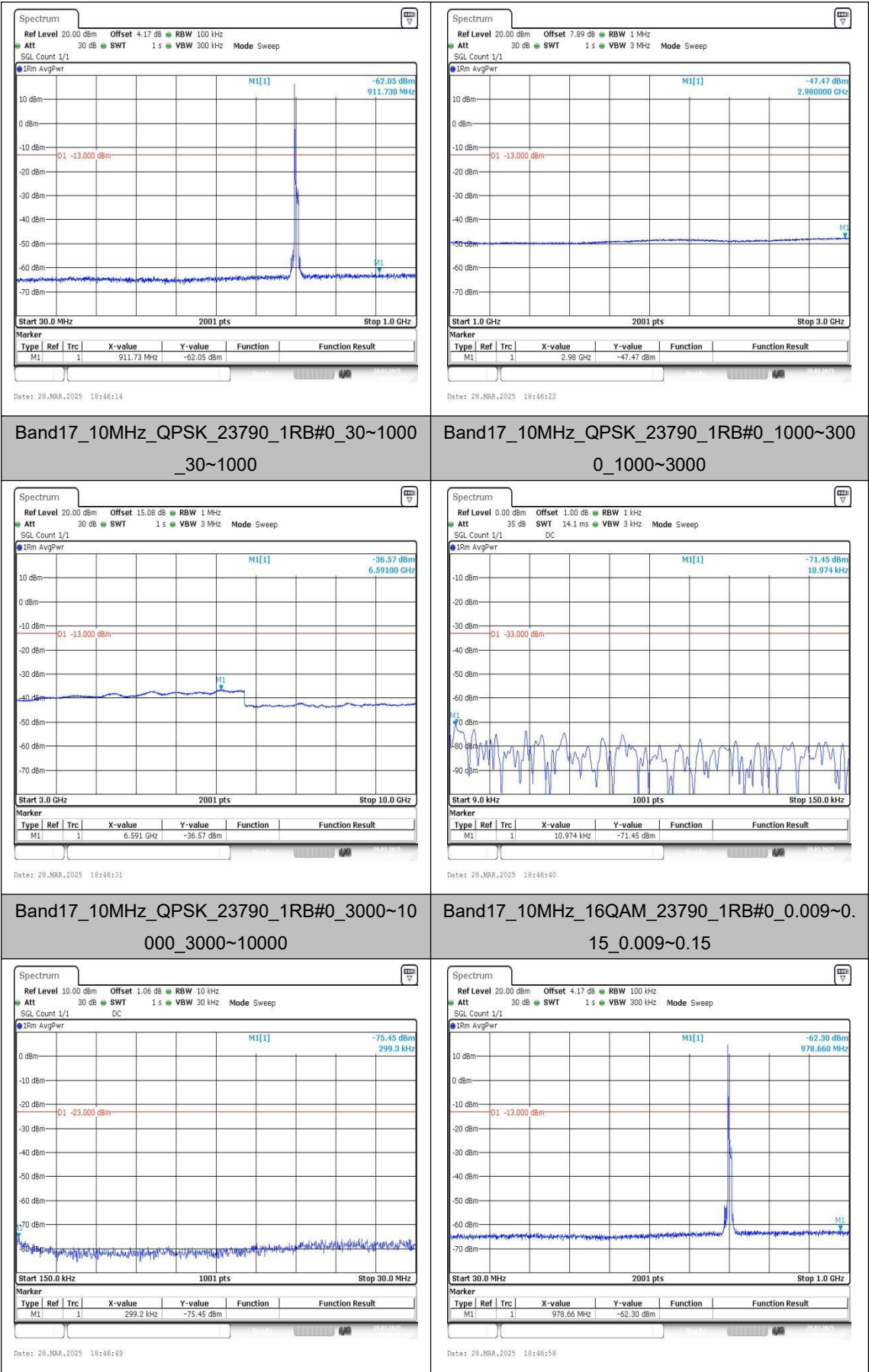


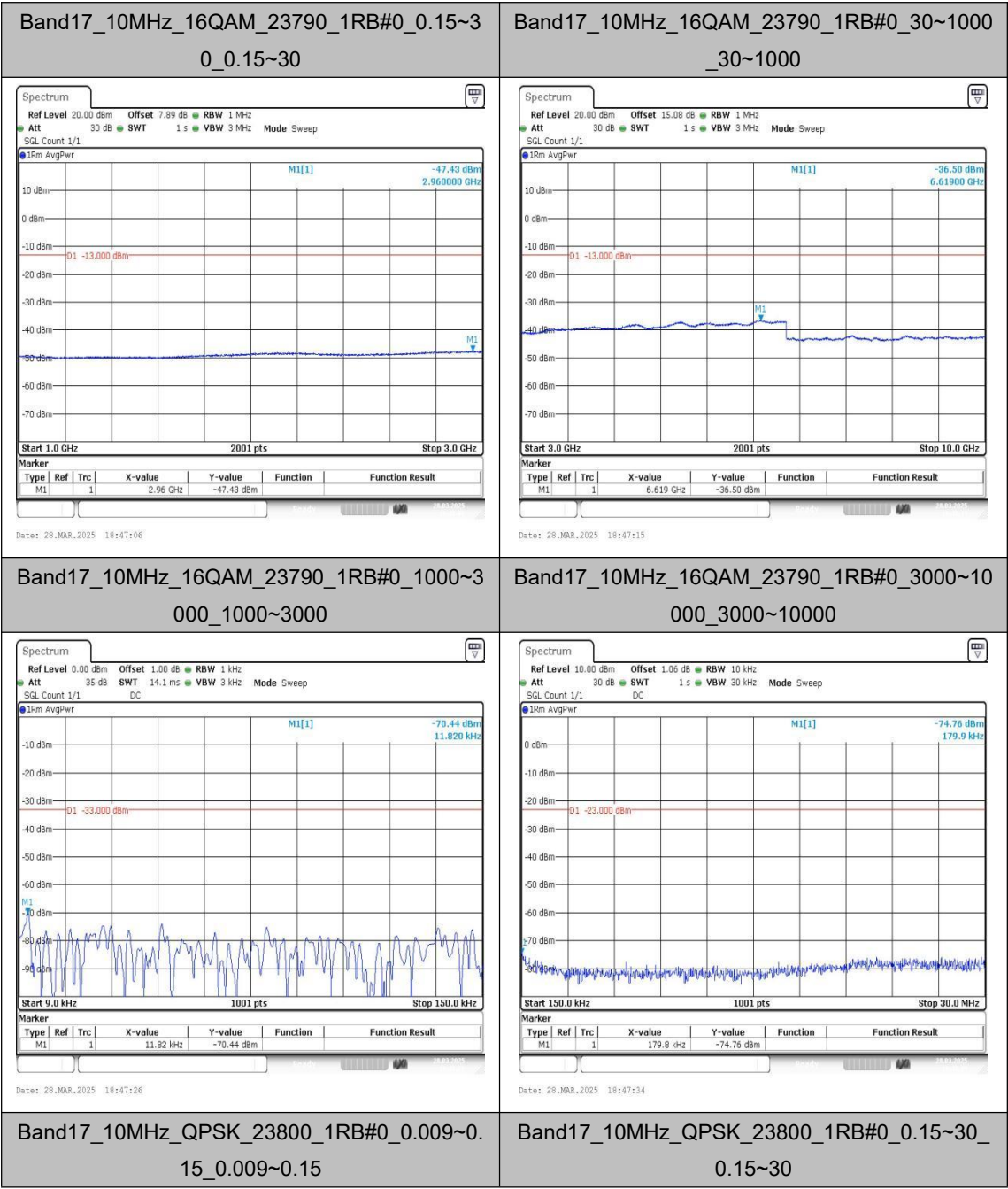


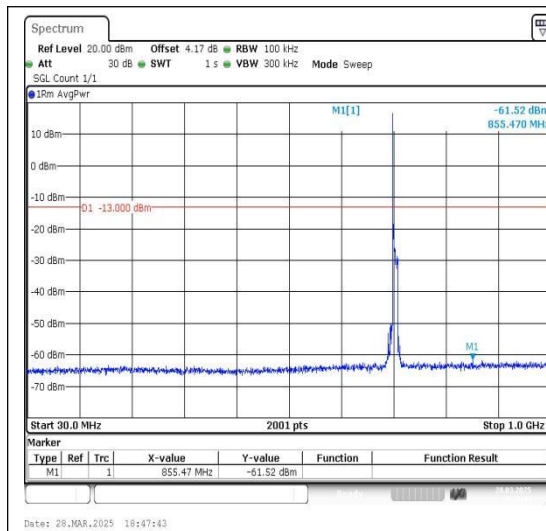




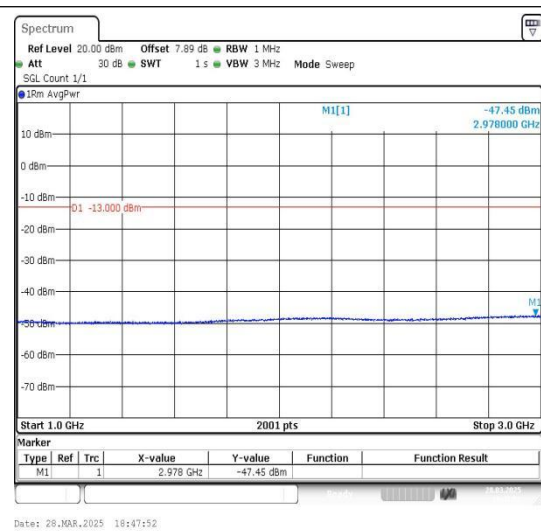




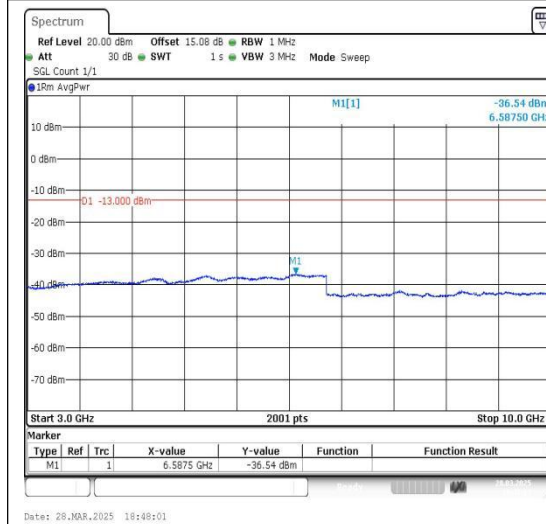




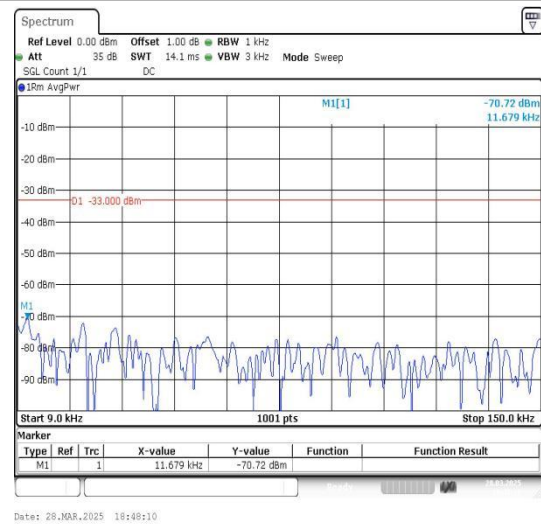
Band17_10MHz_QPSK_23800_1RB#0_30~1000_30~1000



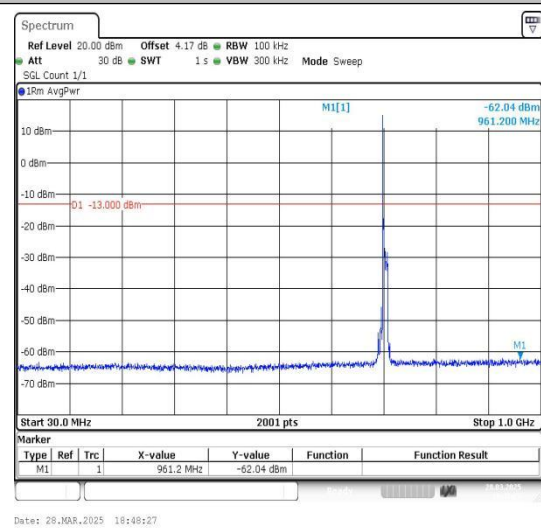
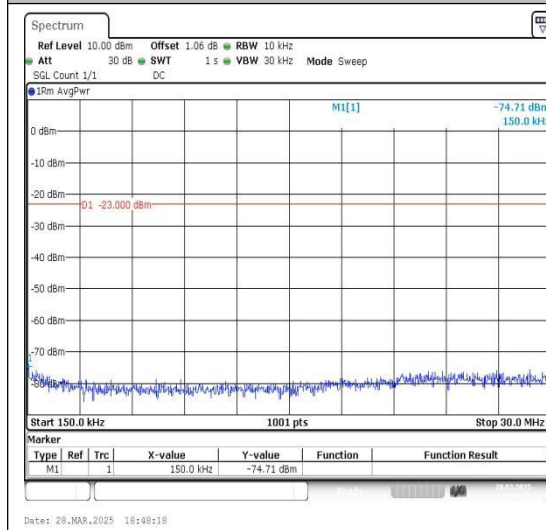
Band17_10MHz_QPSK_23800_1RB#0_1000~3000_0_1000~3000

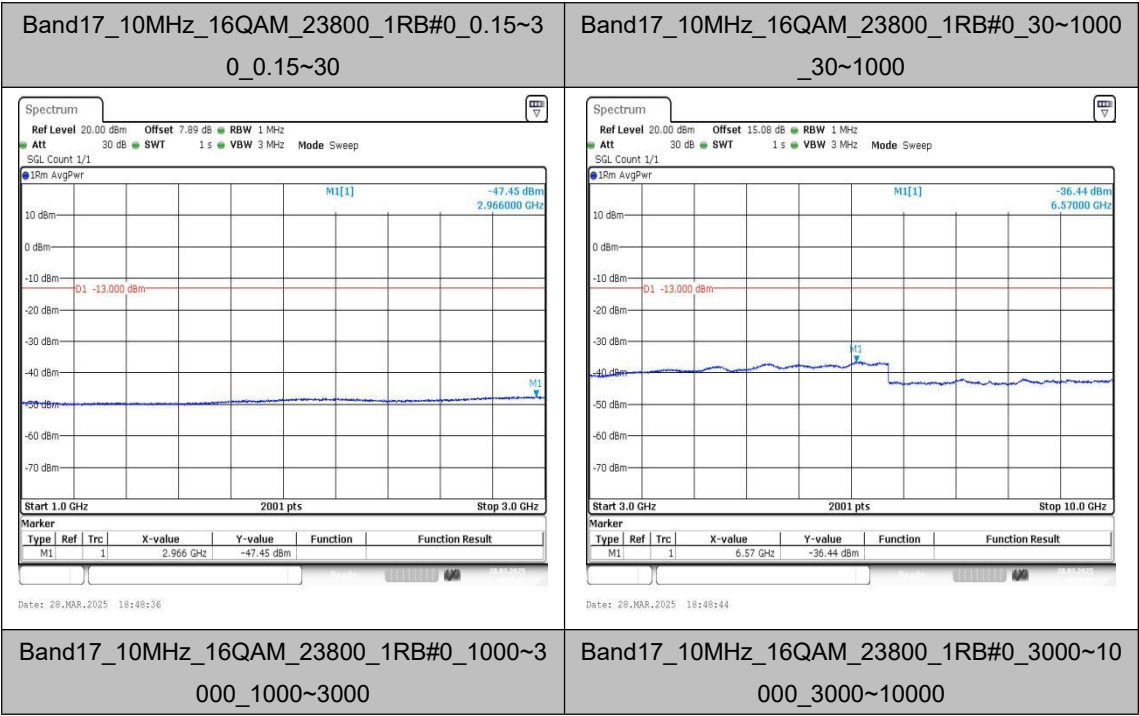


Band17_10MHz_QPSK_23800_1RB#0_3000~10000_000_3000~10000



Band17_10MHz_16QAM_23800_1RB#0_0.009~0.15_0.009~0.15





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	9.20	0.013022	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-18.94	-0.026808	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-28.87	-0.040863	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-21.94	-0.031054	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-23.82	-0.033715	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-27.75	-0.039278	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-11.49	-0.016183	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-15.19	-0.021394	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-13.20	-0.018592	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-17.78	-0.025042	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-14.75	-0.020775	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-5.54	-0.007803	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-8.87	-0.012432	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-13.70	-0.019201	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-19.04	-0.026685	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-22.96	-0.032179	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-6.54	-0.009166	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	6.11	0.008563	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-17.37	-0.024499	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-5.08	-0.007165	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	9.47	0.013357	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	25.69	0.036234	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	10.39	0.014654	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	25.09	0.035388	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-2.32	-0.003268	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	7.21	0.010155	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-8.61	-0.012127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	6.74	0.009493	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	13.48	0.018986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	25.45	0.035845	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-7.85	-0.011041	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-14.08	-0.019803	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-16.11	-0.022658	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-4.35	-0.006118	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-17.87	-0.025134	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-11.10	-0.015612	±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	-38.95	-0.055131	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	4.75	0.006723	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	4.94	0.006992	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-18.91	-0.026766	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-23.90	-0.033829	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-24.75	-0.035032	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-22.40	-0.031706	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-24.30	-0.034395	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-23.98	-0.033942	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-42.83	-0.060623	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-27.68	-0.039179	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-20.57	-0.029115	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-17.94	-0.025393	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-5.68	-0.008040	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	7.51	0.010630	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	6.35	0.008988	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-9.37	-0.013263	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	6.07	0.008592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-11.73	-0.016521	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-8.05	-0.011338	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-11.63	-0.016380	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-11.59	-0.016324	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-10.09	-0.014211	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-9.38	-0.013211	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-16.04	-0.022592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-10.77	-0.015169	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-7.82	-0.011014	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-2.96	-0.004169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-8.91	-0.012549	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-11.54	-0.016254	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-8.25	-0.011620	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-5.61	-0.007901	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	7.93	0.011169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	12.22	0.017211	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	40	16.87	0.023761	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	13.10	0.018451	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-43.23	-0.060589	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	4.85	0.006797	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	5.62	0.007877	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	8.31	0.011647	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-4.65	-0.006517	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-5.71	-0.008003	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-6.75	-0.009460	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-3.81	-0.005340	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-12.73	-0.017842	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	13.58	0.019033	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	8.20	0.011493	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-5.62	-0.007877	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-35.55	-0.049825	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-14.79	-0.020729	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-19.80	-0.027751	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-23.25	-0.032586	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-18.74	-0.026265	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	8.25	0.011563	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-13.19	-0.018604	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	29.77	0.041989	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	17.40	0.024542	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	21.89	0.030874	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	9.66	0.013625	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	47.61	0.067151	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	5.97	0.008420	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	41.36	0.058336	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	8.50	0.011989	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	49.64	0.070014	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	14.16	0.019972	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	33.07	0.046643	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	41.79	0.058942	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	10.37	0.014626	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	24.69	0.034824	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	25.51	0.035980	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	42.51	0.059958	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	10.63	0.014993	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-4.55	-0.006408	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	13.80	0.019437	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	18.01	0.025366	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	0	12.23	0.017225	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	20.94	0.029493	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	30.34	0.042732	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	40.31	0.056775	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	36.64	0.051606	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	46.73	0.065817	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	40.18	0.056592	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	50.87	0.071648	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-23.50	-0.033099	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-7.90	-0.011127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	7.41	0.010437	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	13.48	0.018986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	17.62	0.024817	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	26.94	0.037944	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	33.90	0.047746	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-24.99	-0.035148	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-29.18	-0.041041	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-22.52	-0.031674	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-17.45	-0.024543	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-15.59	-0.021927	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-27.94	-0.039297	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-18.98	-0.026695	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-12.15	-0.017089	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-6.84	-0.009620	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	11.69	0.016442	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	9.00	0.012658	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	23.29	0.032757	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	29.24	0.041125	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	35.26	0.049592	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	41.46	0.058312	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	38.28	0.053840	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	41.58	0.058481	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	39.20	0.055134	±2.5	PASS