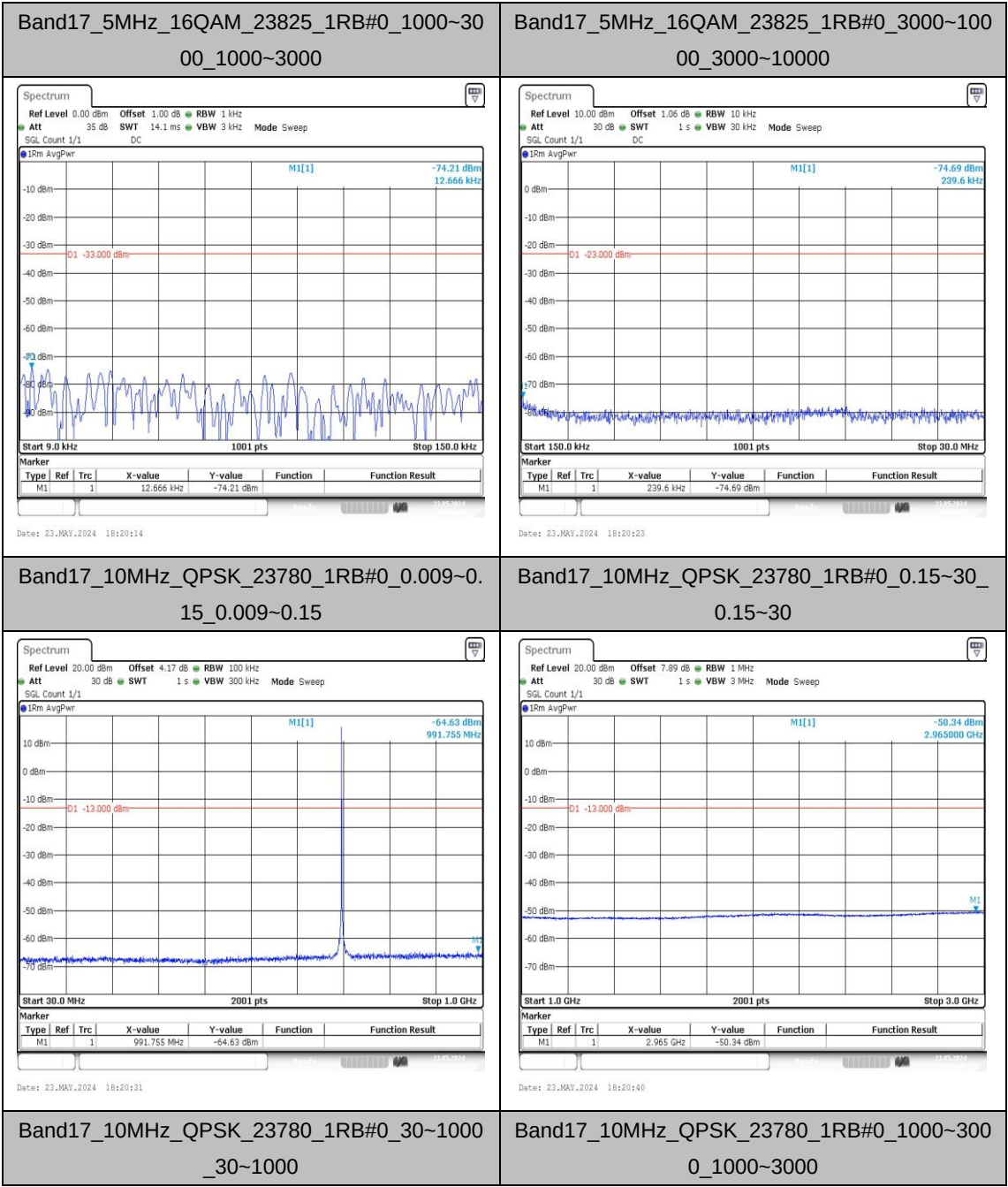
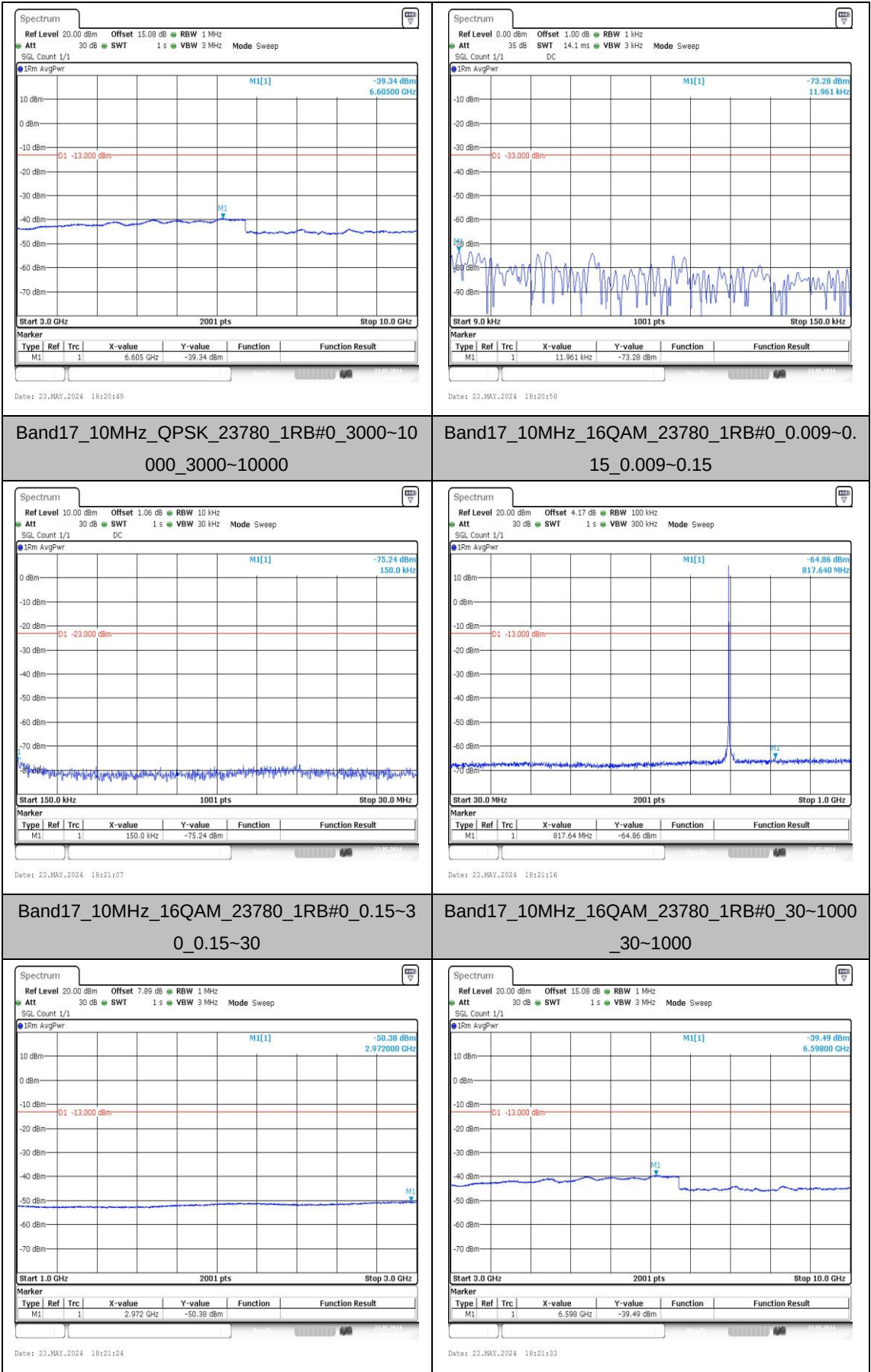
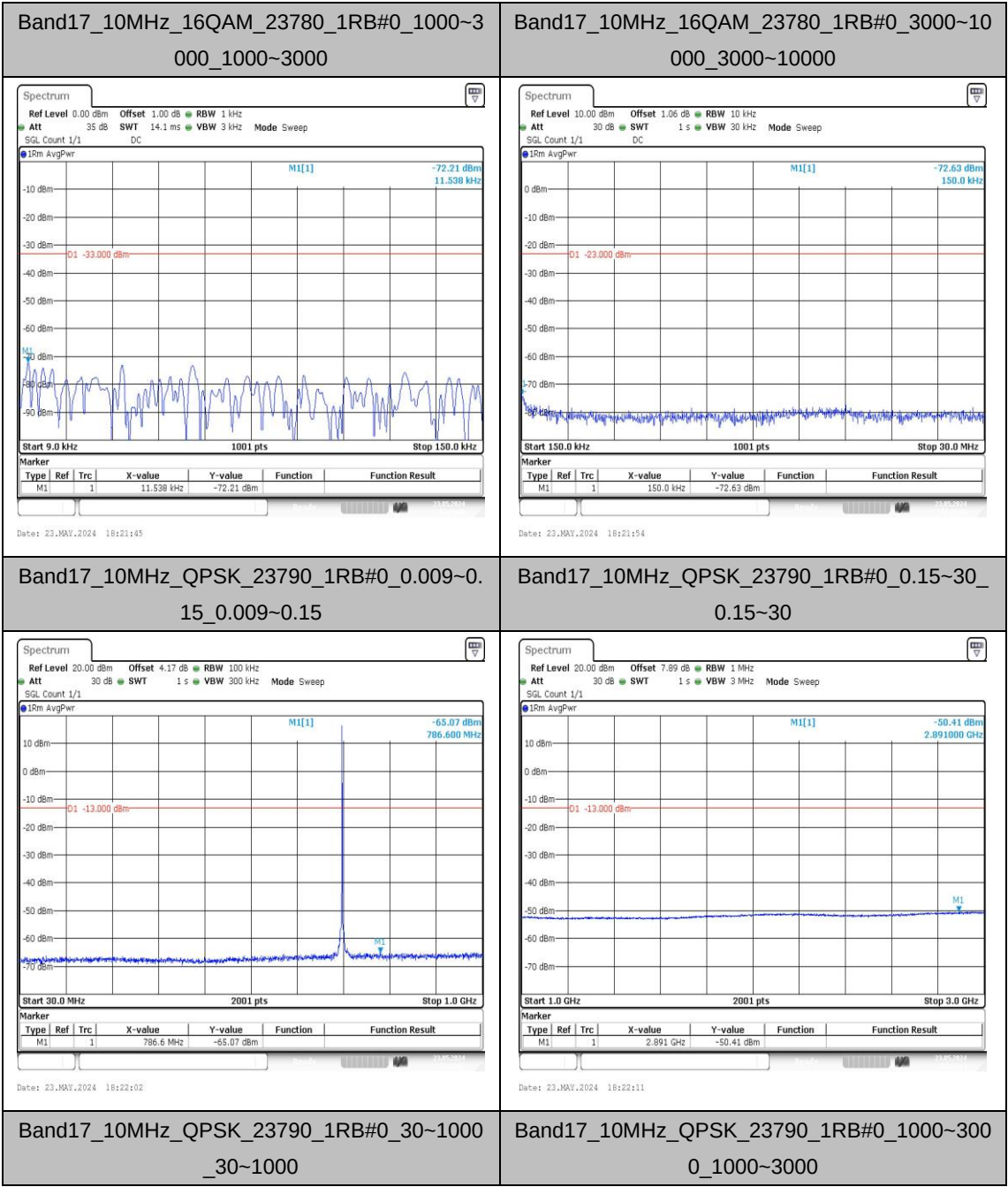
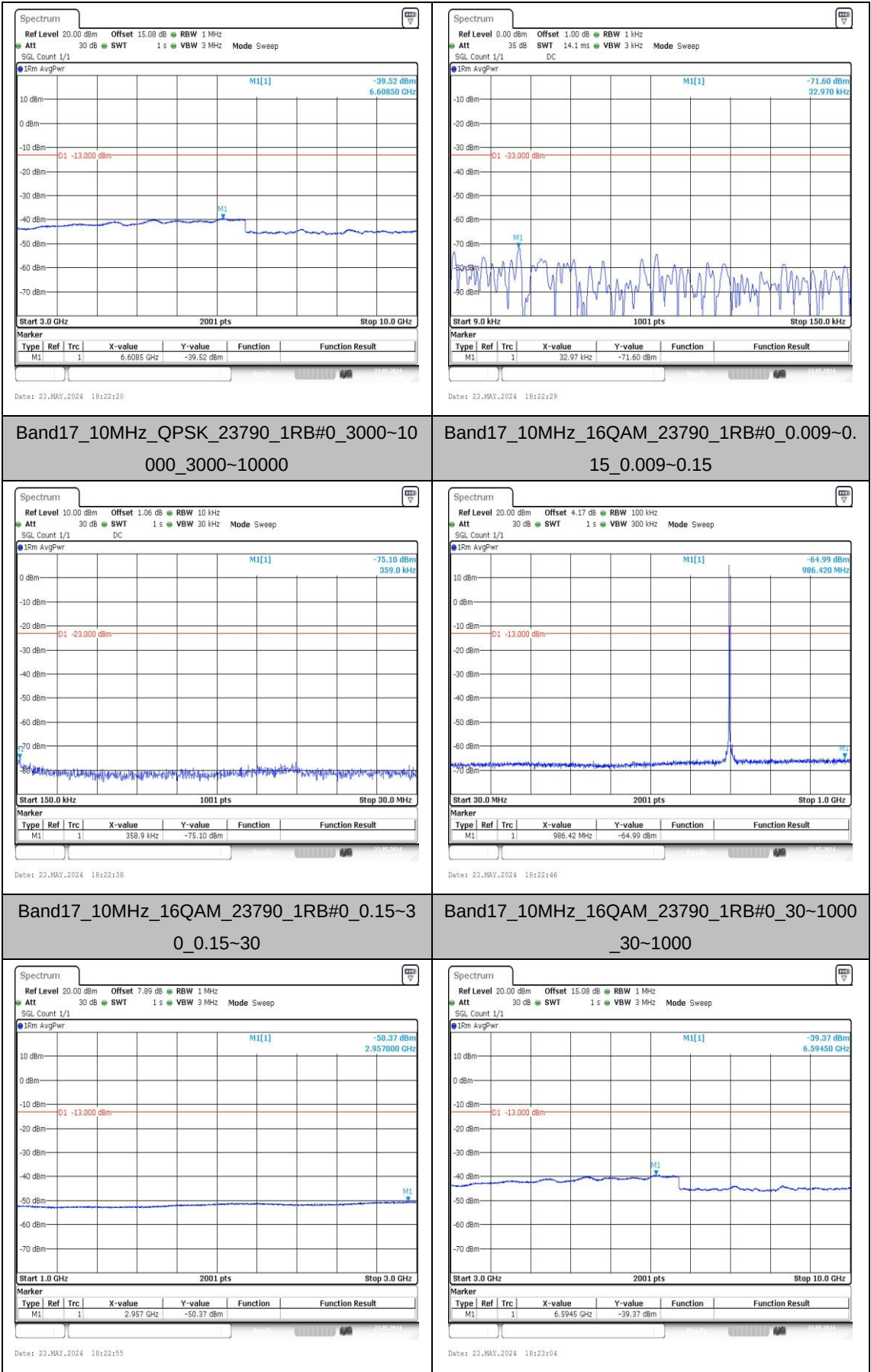
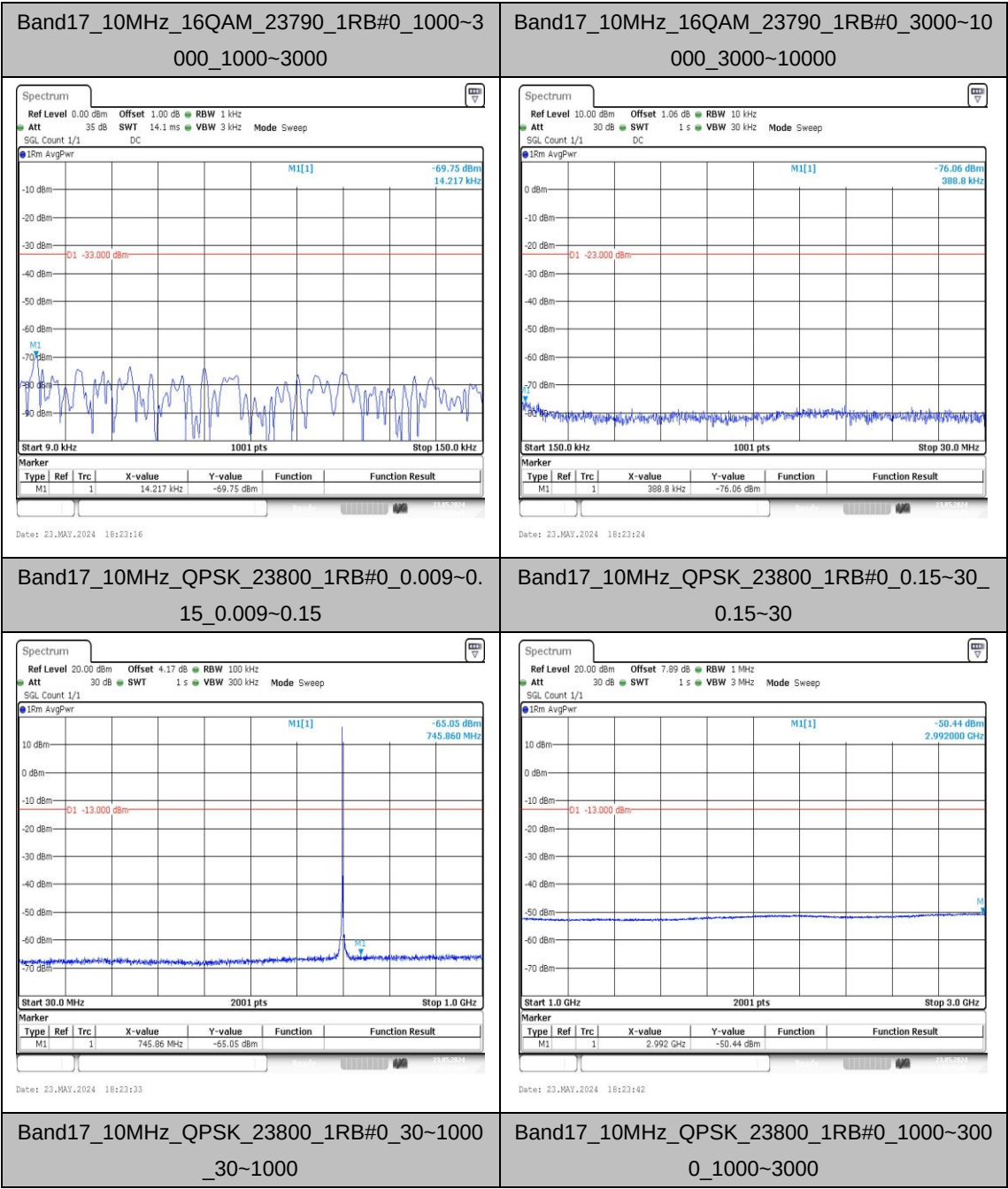


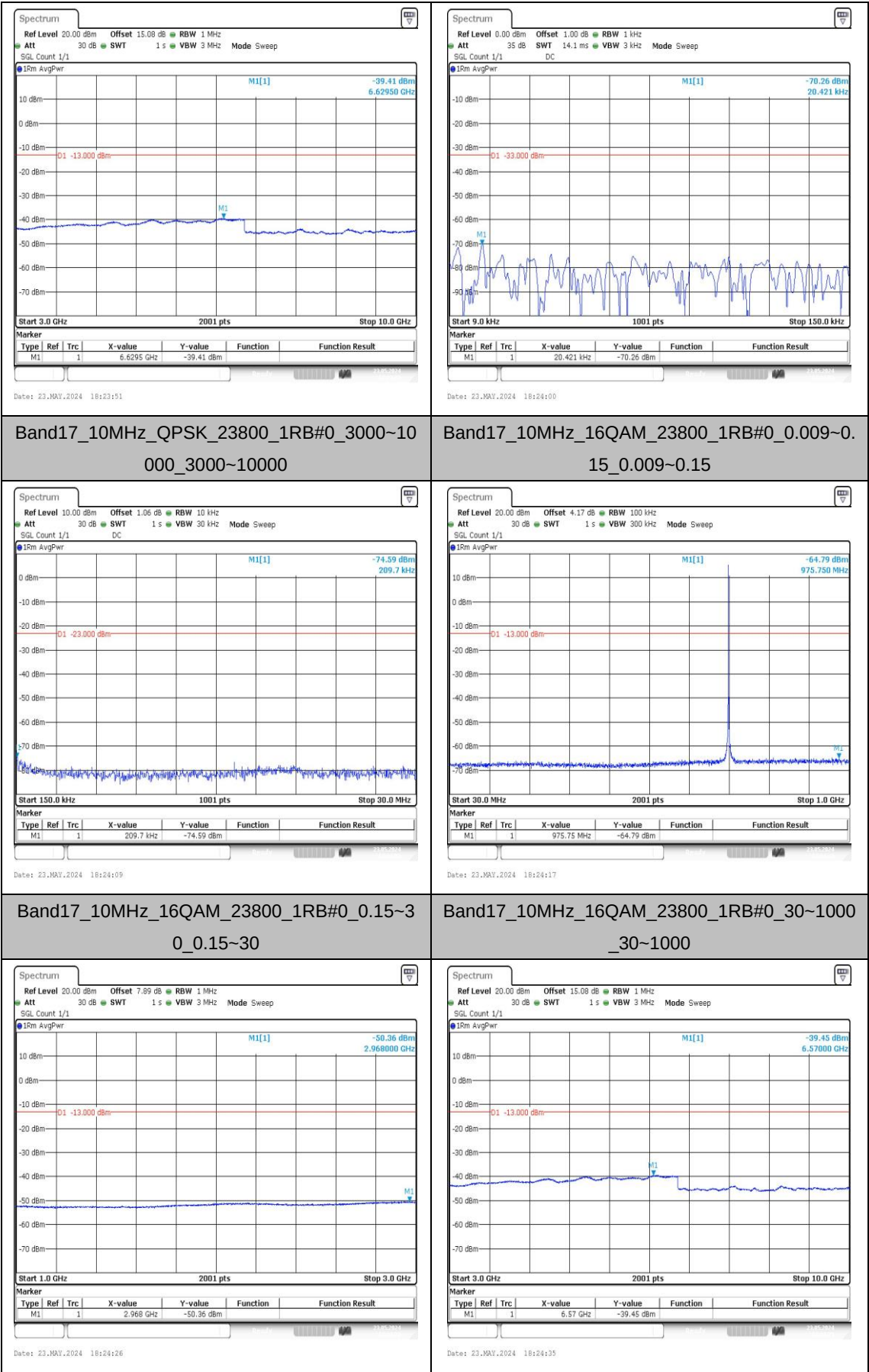












Band17_10MHz_16QAM_23800_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23800_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	-1.50	-0.002123	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-2.73	-0.003864	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-2.62	-0.003708	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	1.93	0.002732	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-1.70	-0.002406	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-2.33	-0.003298	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-2.46	-0.003465	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-2.56	-0.003606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-0.83	-0.001169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-2.95	-0.004155	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-1.42	-0.002000	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-1.83	-0.002577	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	2.26	0.003167	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	2.06	0.002887	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	2.10	0.002943	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-1.90	-0.002663	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-1.24	-0.001738	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-1.82	-0.002551	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	2.89	0.004076	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	1.50	0.002116	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-2.46	-0.003470	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-0.63	-0.000889	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-2.66	-0.003752	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-1.54	-0.002172	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-2.05	-0.002887	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	0.99	0.001394	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	2.07	0.002915	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-2.60	-0.003662	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-2.59	-0.003648	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	1.03	0.001451	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-1.49	-0.002096	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-3.85	-0.005415	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-3.98	-0.005598	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-1.69	-0.002377	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-2.93	-0.004121	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-2.63	-0.003699	±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	-2.73	-0.003864	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	1.49	0.002109	±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	0	-2.79	-0.003949	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-3.05	-0.004317	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	1.30	0.001840	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	1.07	0.001515	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-1.52	-0.002151	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	1.66	0.002350	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	1.24	0.001755	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	2.60	0.003680	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	1.93	0.002732	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-1.47	-0.002081	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-1.49	-0.002109	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	2.50	0.003539	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	0.89	0.001260	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-2.85	-0.004034	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-2.15	-0.003043	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-2.55	-0.003592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-1.19	-0.001676	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-2.66	-0.003746	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-0.93	-0.001310	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-1.22	-0.001718	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-1.75	-0.002465	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-2.45	-0.003451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-2.73	-0.003845	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-1.56	-0.002197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-2.65	-0.003732	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	1.89	0.002662	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-1.19	-0.001676	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-1.57	-0.002211	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	2.39	0.003366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-3.20	-0.004507	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	30	-2.57	-0.003620	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-1.56	-0.002197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	1.14	0.001606	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	2.06	0.002887	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	1.67	0.002341	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-1.30	-0.001822	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-1.62	-0.002270	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-2.43	-0.003406	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	1.63	0.002285	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-2.68	-0.003756	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-1.07	-0.001500	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-2.20	-0.003083	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-3.30	-0.004625	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	1.66	0.002327	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-1.90	-0.002663	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-2.20	-0.003083	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-1.80	-0.002523	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-3.16	-0.004429	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-2.56	-0.003588	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	1.33	0.001864	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	1.89	0.002649	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	0.92	0.001298	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-2.26	-0.003188	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-2.53	-0.003568	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-1.72	-0.002426	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-1.66	-0.002341	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	0.74	0.001044	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	1.13	0.001594	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-2.02	-0.002849	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-1.63	-0.002299	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-2.68	-0.003780	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-2.10	-0.002962	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	1.20	0.001693	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	1.89	0.002666	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-2.17	-0.003061	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-2.75	-0.003879	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-2.60	-0.003667	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	1.09	0.001537	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-1.09	-0.001537	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-2.13	-0.003000	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-2.45	-0.003451	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-2.19	-0.003085	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-1.29	-0.001817	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-2.66	-0.003746	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-3.00	-0.004225	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.70	-0.002394	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-1.59	-0.002239	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-2.23	-0.003141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-1.92	-0.002704	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-1.46	-0.002056	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-1.77	-0.002493	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-1.16	-0.001634	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-2.40	-0.003380	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-0.94	-0.001324	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-2.29	-0.003225	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-1.33	-0.001873	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-2.39	-0.003366	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-2.66	-0.003741	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-3.69	-0.005190	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-3.30	-0.004641	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-2.62	-0.003685	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-3.29	-0.004627	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-3.23	-0.004543	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-2.62	-0.003685	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-1.79	-0.002518	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-3.30	-0.004641	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	0.89	0.001252	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-3.85	-0.005415	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-3.09	-0.004346	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.05	-0.002883	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-1.33	-0.001871	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	1.12	0.001575	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-1.92	-0.002700	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	1.43	0.002011	±2.5	PASS