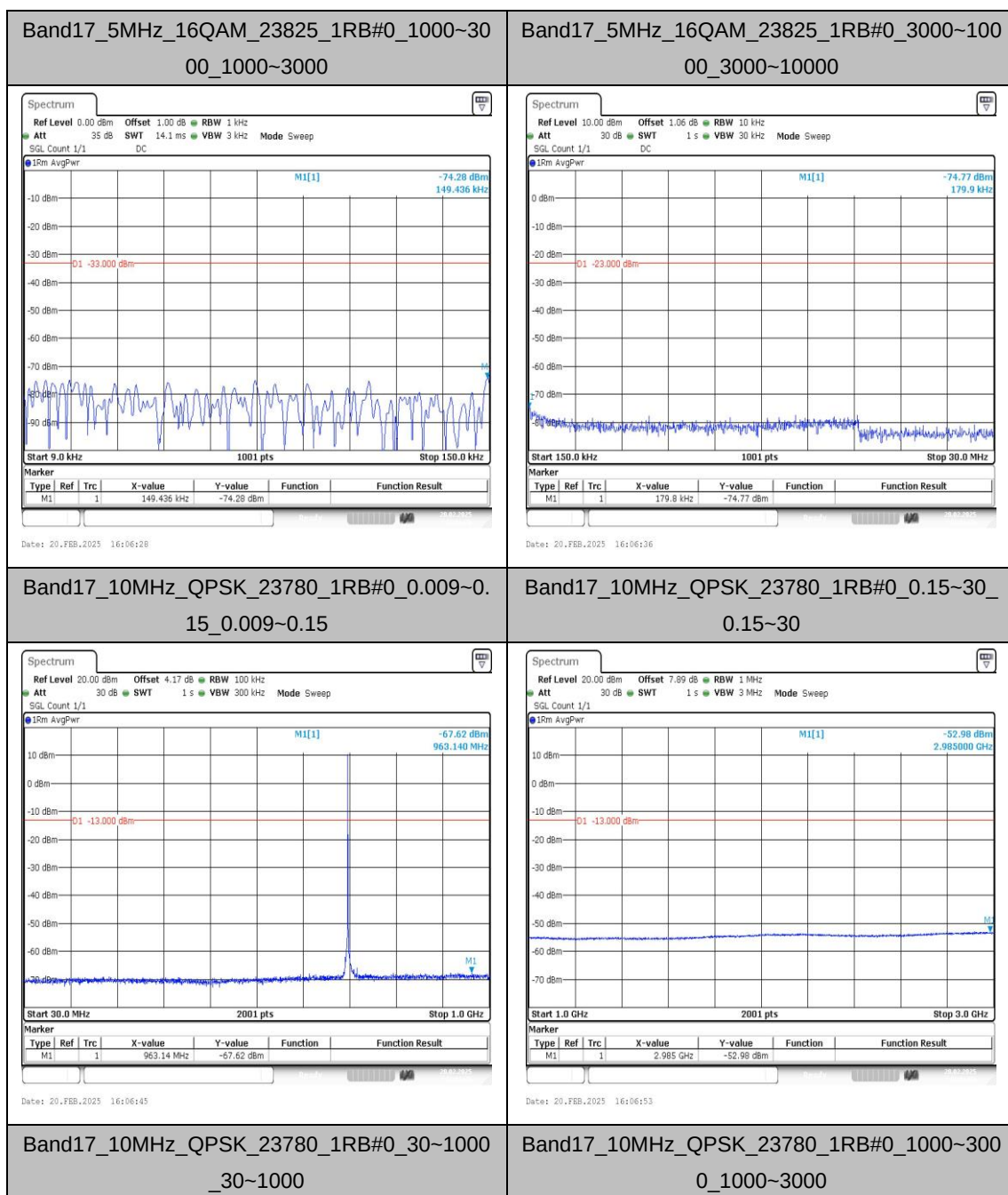
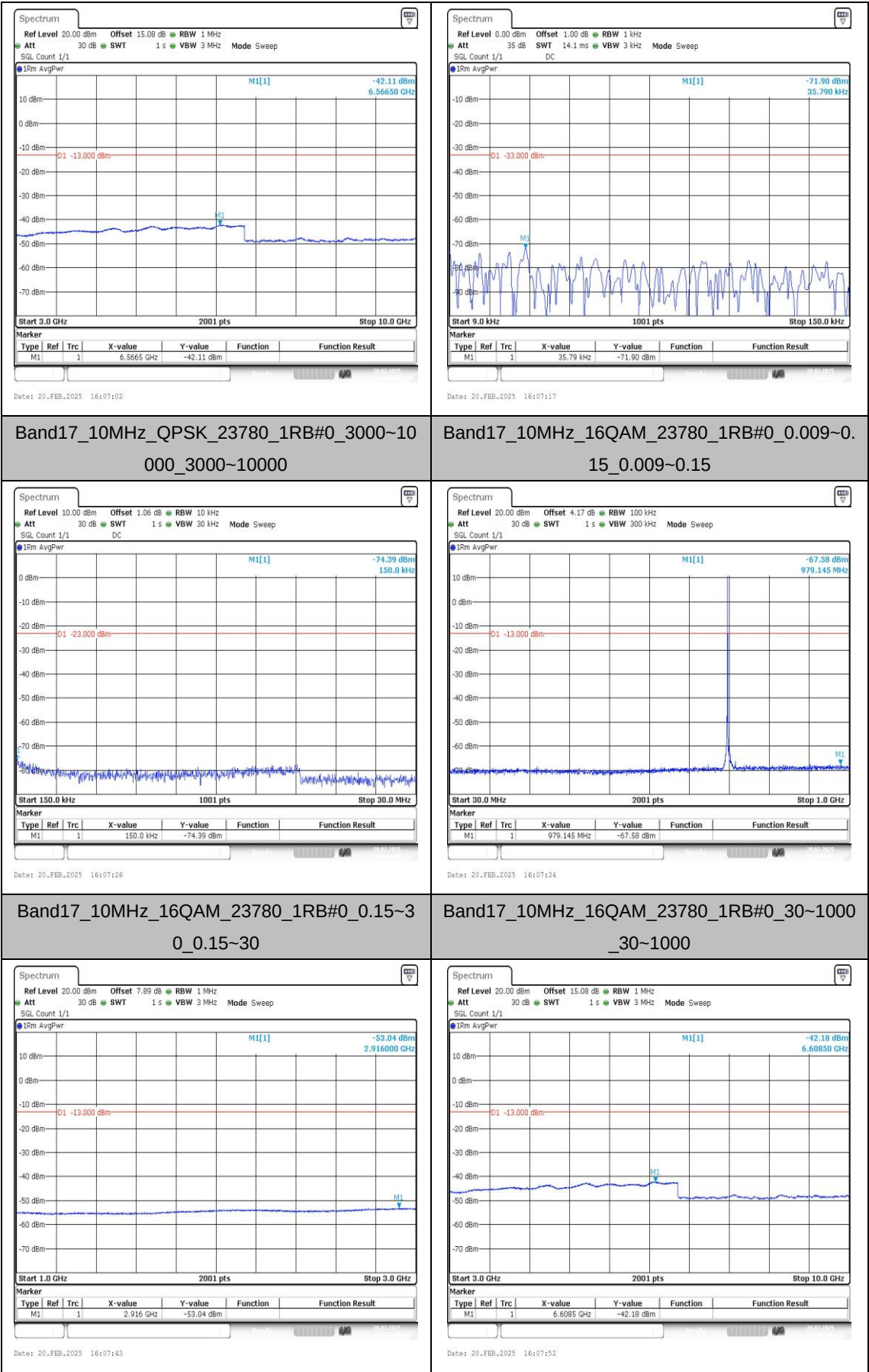
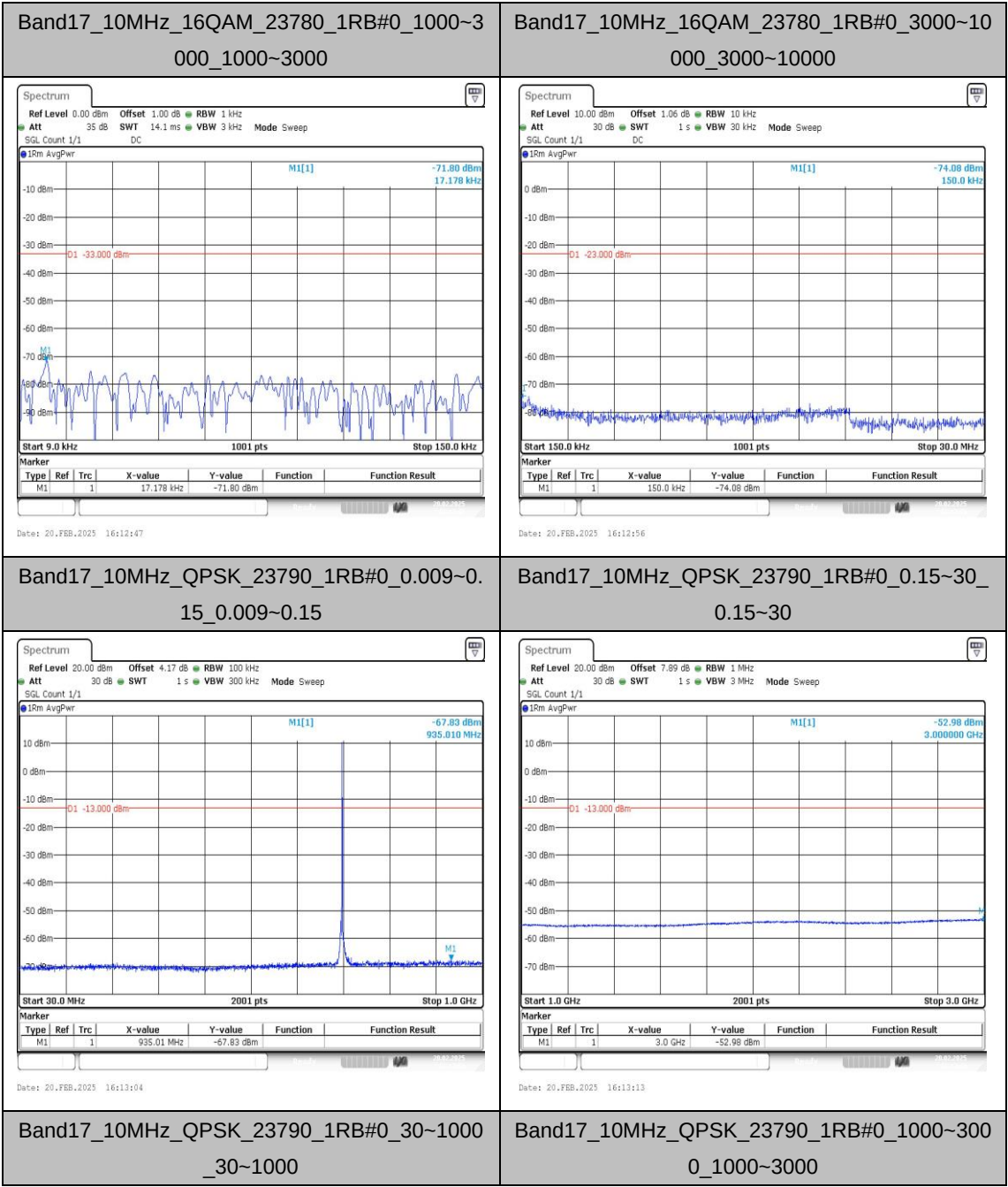
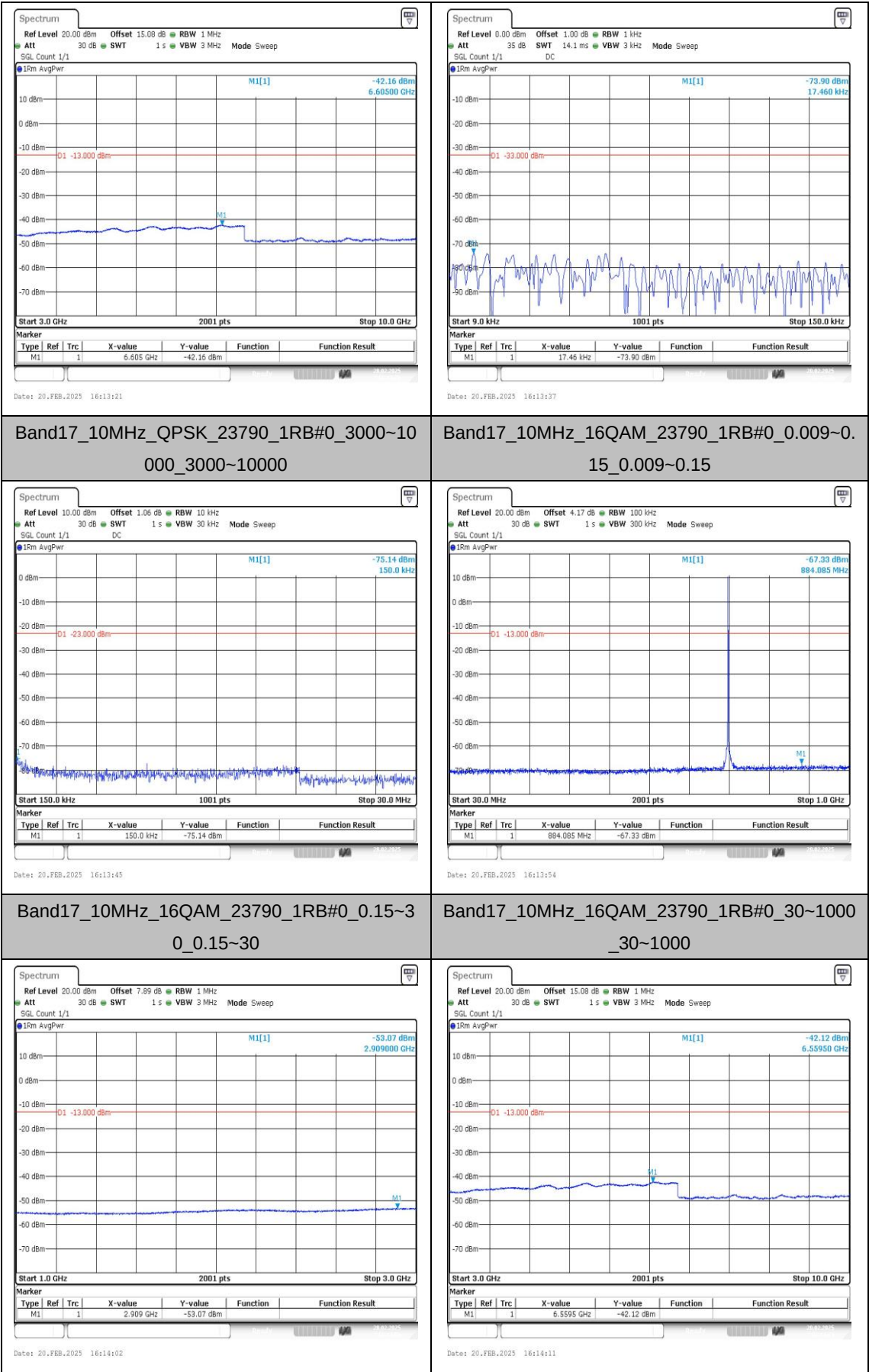
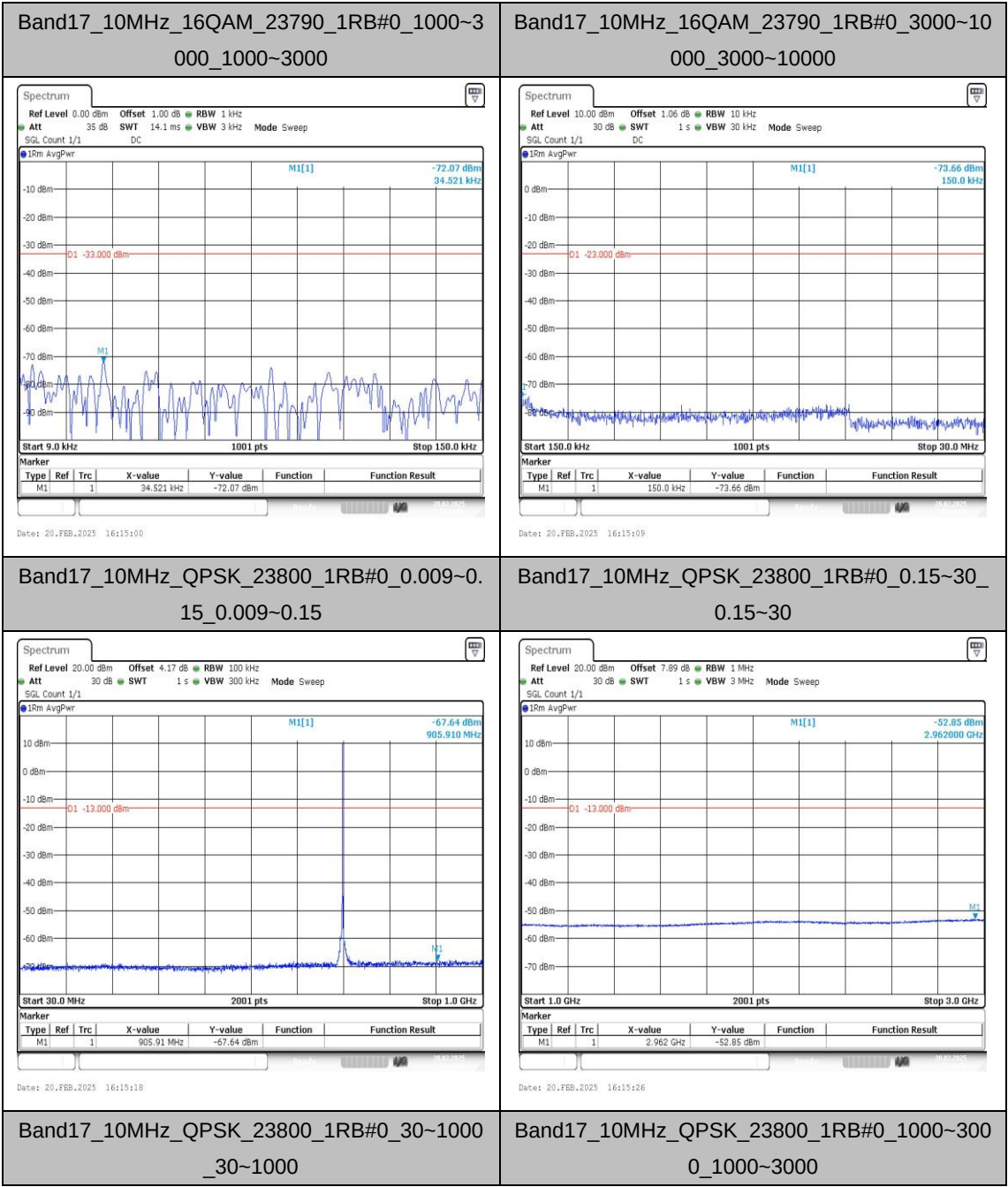


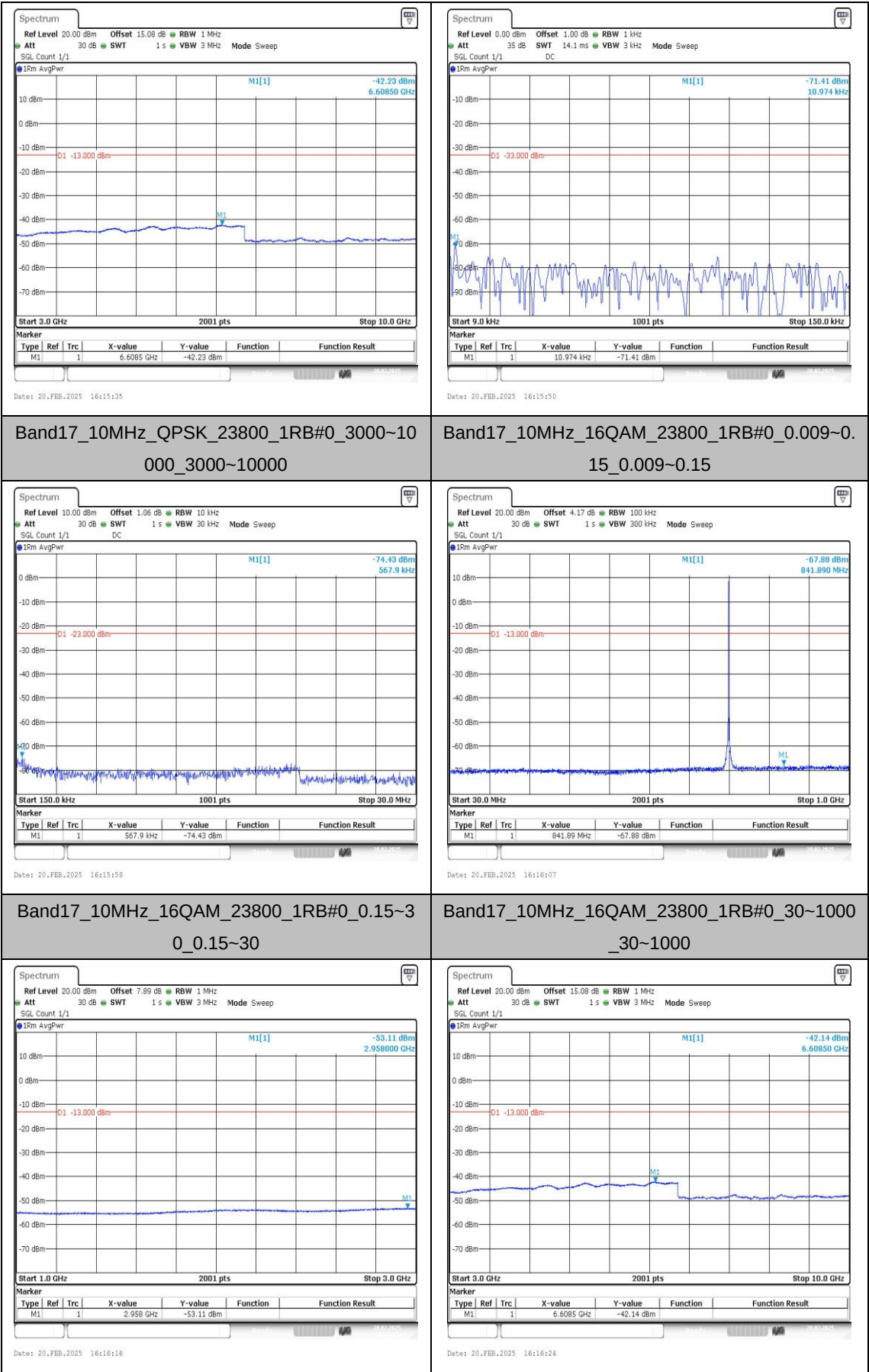












Band17_10MHz_16QAM_23800_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23800_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	-1.00	-0.001415	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-1.11	-0.001571	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	2.78	0.003935	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-2.48	-0.003510	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-1.72	-0.002435	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-2.75	-0.003892	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	2.22	0.003127	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	1.79	0.002521	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	3.37	0.004746	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-2.09	-0.002944	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-2.10	-0.002958	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-3.36	-0.004732	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-0.64	-0.000897	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-2.00	-0.002803	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-2.46	-0.003448	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-3.40	-0.004765	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-2.63	-0.003686	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-3.76	-0.005270	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	1.98	0.002793	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	1.64	0.002313	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	1.17	0.001650	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-1.84	-0.002595	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-2.78	-0.003921	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-1.25	-0.001763	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	2.18	0.003070	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	1.58	0.002225	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	1.90	0.002676	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	1.28	0.001803	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-2.30	-0.003239	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-1.20	-0.001690	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	1.62	0.002278	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	2.50	0.003516	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	2.91	0.004093	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-1.14	-0.001603	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	1.48	0.002082	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-2.33	-0.003277	±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	2.10	0.002972	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-1.27	-0.001798	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-1.33	-0.001883	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-1.03	-0.001458	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	3.47	0.004912	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	4.37	0.006185	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	4.09	0.005789	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	3.12	0.004416	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	3.12	0.004416	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-3.04	-0.004303	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-1.62	-0.002293	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-3.02	-0.004275	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	1.91	0.002703	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-1.15	-0.001628	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	1.55	0.002194	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	2.11	0.002987	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-1.56	-0.002208	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-2.01	-0.002845	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	3.31	0.004662	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	3.16	0.004451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	2.17	0.003056	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-0.75	-0.001056	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	2.45	0.003451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	1.14	0.001606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	1.76	0.002479	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	2.00	0.002817	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	2.37	0.003338	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	0.97	0.001366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	2.01	0.002831	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-2.01	-0.002831	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-2.95	-0.004155	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	2.08	0.002930	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-1.44	-0.002028	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	30	1.54	0.002169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	2.04	0.002873	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	0.89	0.001254	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	1.50	0.002102	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-1.99	-0.002789	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-2.42	-0.003392	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	1.77	0.002481	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-2.48	-0.003476	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-1.69	-0.002369	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	1.35	0.001892	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-1.43	-0.002004	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-2.71	-0.003798	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-2.77	-0.003882	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-3.84	-0.005382	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-2.25	-0.003153	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-1.21	-0.001696	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-2.41	-0.003378	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-0.89	-0.001247	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	2.05	0.002873	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-1.88	-0.002635	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-3.43	-0.004807	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-2.75	-0.003879	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	2.10	0.002962	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	2.11	0.002976	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	2.62	0.003695	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	1.84	0.002595	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-1.18	-0.001664	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-2.62	-0.003695	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	0.76	0.001072	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	1.30	0.001834	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-1.49	-0.002102	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-2.28	-0.003216	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-1.87	-0.002638	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-1.22	-0.001721	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-1.48	-0.002087	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-1.71	-0.002412	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	1.20	0.001693	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	0.65	0.000917	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	1.40	0.001975	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	2.33	0.003282	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	-20	2.44	0.003437	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	1.40	0.001972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	1.89	0.002662	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-0.69	-0.000972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	1.72	0.002423	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	2.59	0.003648	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	1.99	0.002803	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	2.43	0.003423	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-2.68	-0.003775	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-1.56	-0.002197	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	0.91	0.001282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	2.29	0.003225	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-1.44	-0.002028	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-2.20	-0.003099	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-1.00	-0.001408	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	1.08	0.001521	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-1.67	-0.002352	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	2.26	0.003179	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-1.37	-0.001927	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-0.55	-0.000774	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	3.11	0.004374	±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	-1.45	-0.002039	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-1.86	-0.002616	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	1.38	0.001941	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-2.23	-0.003136	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	1.02	0.001435	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-1.21	-0.001702	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-1.32	-0.001857	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	2.04	0.002869	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	1.22	0.001716	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	2.01	0.002827	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	1.60	0.002250	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	1.53	0.002152	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	1.39	0.001955	±2.5	PASS