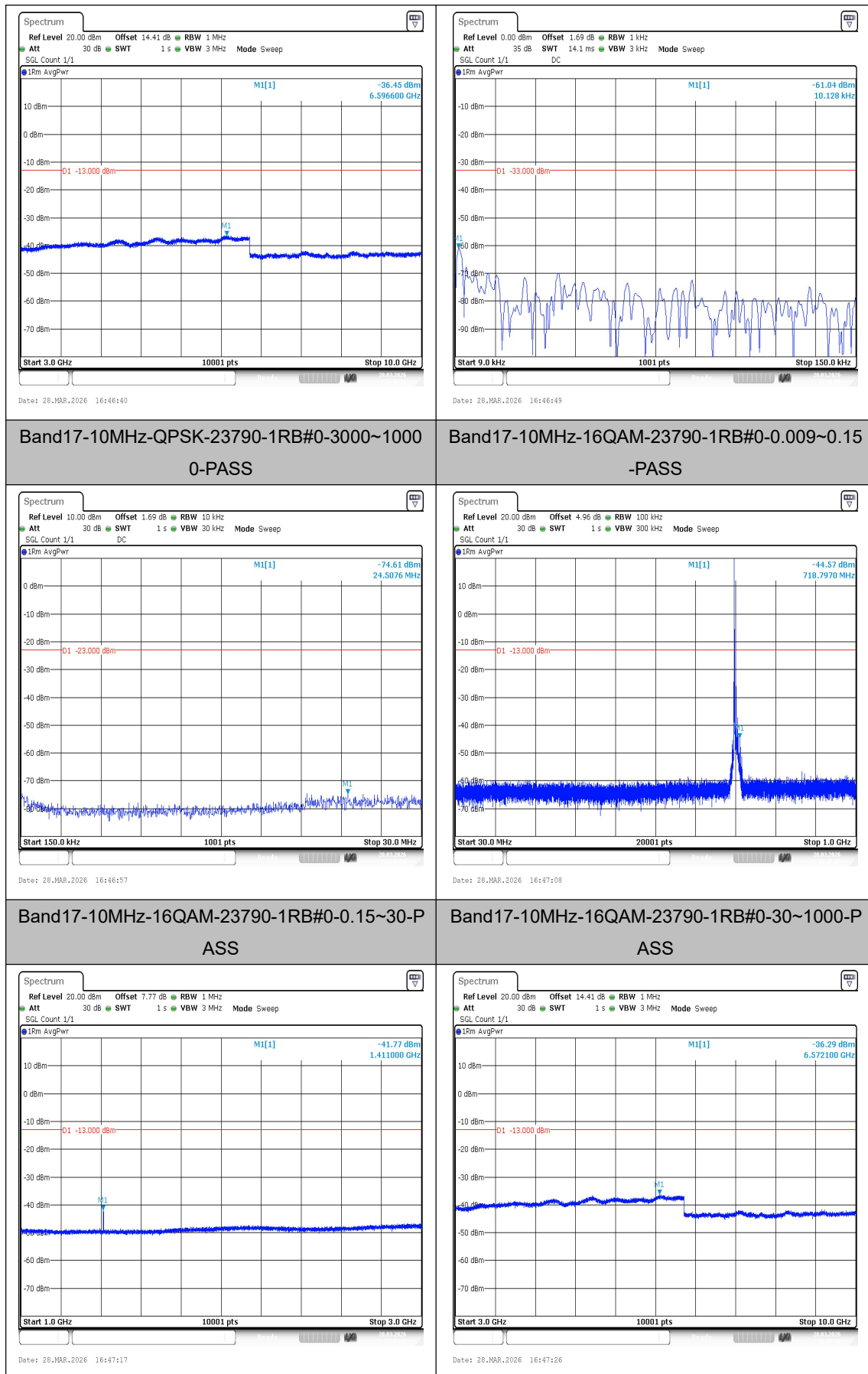
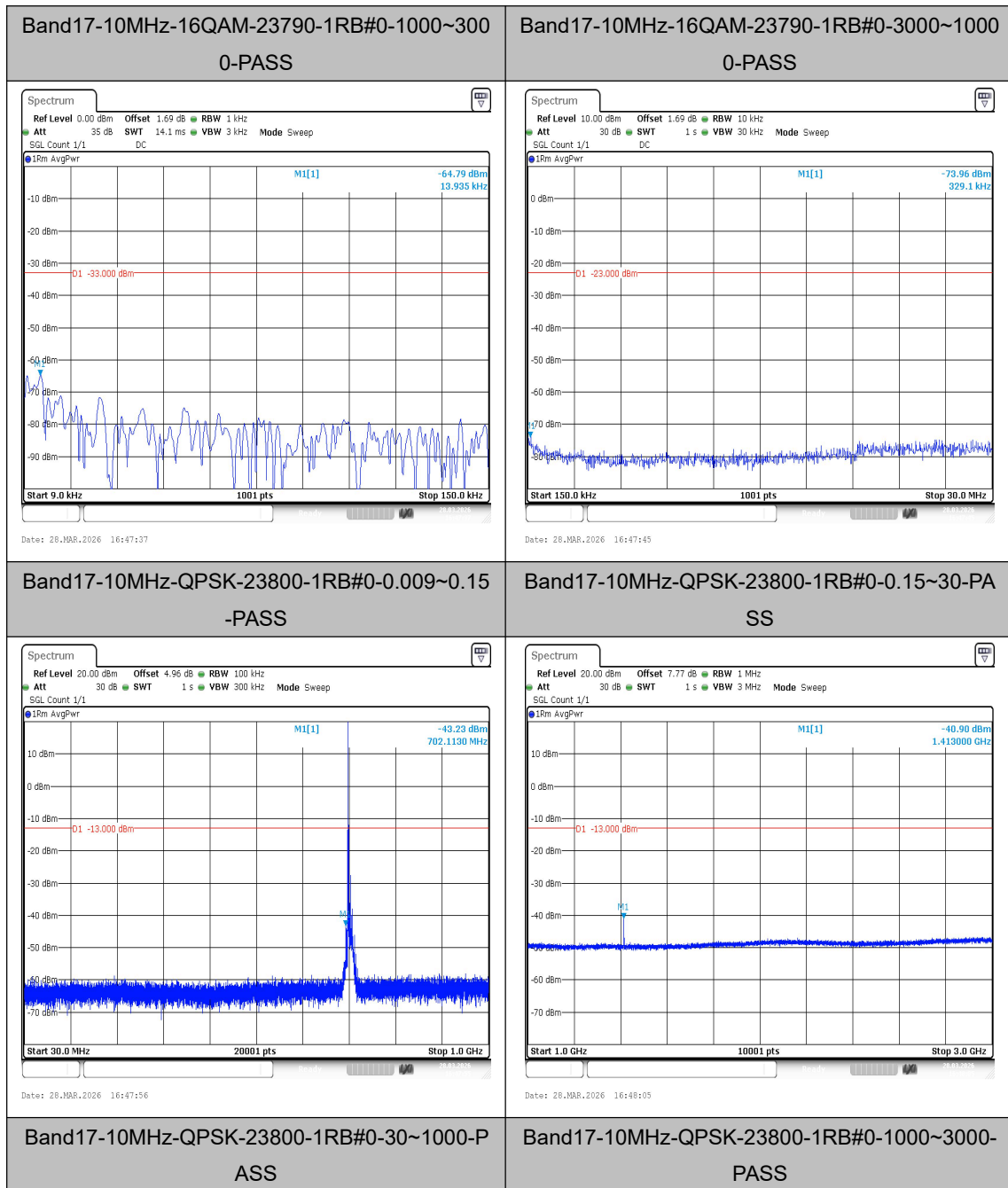
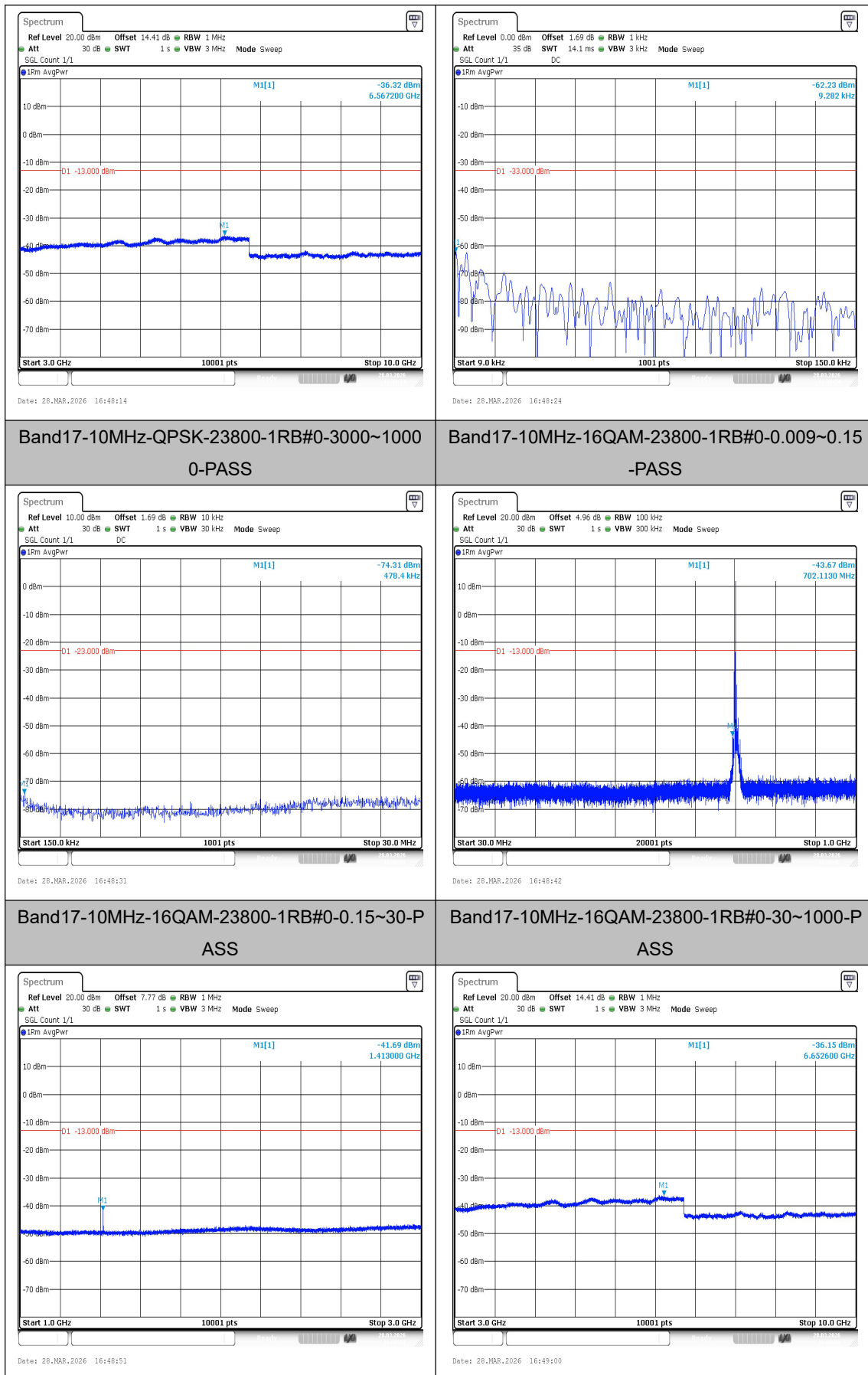








Band17-10MHz-16QAM-23800-1RB#0-1000~300 0-PASS	Band17-10MHz-16QAM-23800-1RB#0-3000~1000 0-PASS
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Appendix F: Frequency Stability

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	-4.78	-0.006766	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-4.48	-0.006341	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	2.60	0.003680	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-9.94	-0.014069	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-5.94	-0.008408	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-5.09	-0.007205	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-5.92	-0.008338	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-5.79	-0.008155	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-6.61	-0.009310	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-6.87	-0.009676	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-7.17	-0.010099	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-7.42	-0.010451	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-7.87	-0.011030	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-8.68	-0.012165	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-3.66	-0.005130	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-4.72	-0.006615	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-3.22	-0.004513	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-3.38	-0.004737	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-9.01	-0.012708	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-4.79	-0.006756	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-3.71	-0.005233	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-5.99	-0.008449	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-7.57	-0.010677	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-6.49	-0.009154	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-5.88	-0.008282	±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	-2.95	-0.004155	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-8.03	-0.011310	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-7.98	-0.011239	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-4.36	-0.006141	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-1.85	-0.002602	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-5.75	-0.008087	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-5.84	-0.008214	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-7.70	-0.010830	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-6.82	-0.009592	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-5.74	-0.008073	±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	-4.46	-0.006313	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-7.42	-0.010502	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-10.14	-0.014352	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-6.44	-0.009115	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-4.96	-0.007021	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-10.30	-0.014579	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-8.83	-0.012498	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-8.75	-0.012385	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-2.47	-0.003496	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-6.22	-0.008804	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-6.37	-0.009016	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-6.82	-0.009653	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-7.07	-0.010007	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-3.93	-0.005563	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-7.94	-0.011238	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-2.42	-0.003425	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-7.45	-0.010545	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-3.95	-0.005591	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-6.54	-0.009211	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-7.31	-0.010296	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-1.93	-0.002718	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-8.88	-0.012507	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-11.03	-0.015535	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-5.82	-0.008197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-5.09	-0.007169	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-9.26	-0.013042	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-11.06	-0.015577	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-6.74	-0.009493	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-5.54	-0.007803	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-1.85	-0.002606	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-6.02	-0.008479	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-7.60	-0.010704	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-6.49	-0.009141	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-5.45	-0.007676	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	40	-9.31	-0.013113	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-9.91	-0.013958	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-3.19	-0.004471	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-11.42	-0.016006	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-5.15	-0.007218	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-1.63	-0.002285	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-2.37	-0.003322	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-7.47	-0.010470	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-6.15	-0.008619	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-3.45	-0.004835	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-5.55	-0.007779	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-4.75	-0.006657	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-7.51	-0.010526	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-5.91	-0.008283	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-4.94	-0.006924	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-6.49	-0.009096	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-2.46	-0.003448	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-2.59	-0.003630	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-4.29	-0.006013	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-3.63	-0.005088	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-7.88	-0.011114	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-5.56	-0.007842	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-6.52	-0.009196	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-3.86	-0.005444	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-2.30	-0.003244	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-6.57	-0.009267	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-10.04	-0.014161	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-10.40	-0.014669	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-4.11	-0.005797	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-10.89	-0.015360	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-4.69	-0.006615	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-3.03	-0.004274	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-5.62	-0.007927	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-6.17	-0.008702	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-5.05	-0.007123	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-9.01	-0.012708	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-12.02	-0.016953	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-5.19	-0.007320	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-7.61	-0.010718	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-11.01	-0.015507	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-9.23	-0.013000	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	0	-4.63	-0.006521	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-5.78	-0.008141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-7.84	-0.011042	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-6.64	-0.009352	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-8.98	-0.012648	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-8.94	-0.012592	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-7.95	-0.011197	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-5.05	-0.007113	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-5.99	-0.008437	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-6.74	-0.009493	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-4.69	-0.006606	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-6.78	-0.009549	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-2.98	-0.004197	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-3.58	-0.005042	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-4.91	-0.006915	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-3.45	-0.004852	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-5.98	-0.008411	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-6.78	-0.009536	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-6.75	-0.009494	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-9.66	-0.013586	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-6.41	-0.009015	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-6.37	-0.008959	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-7.65	-0.010759	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-6.38	-0.008973	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	1.27	0.001786	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-1.60	-0.002250	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-6.79	-0.009550	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-7.14	-0.010042	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-3.49	-0.004909	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-6.25	-0.008790	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-5.81	-0.008172	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-3.65	-0.005134	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-3.08	-0.004332	±2.5	PASS