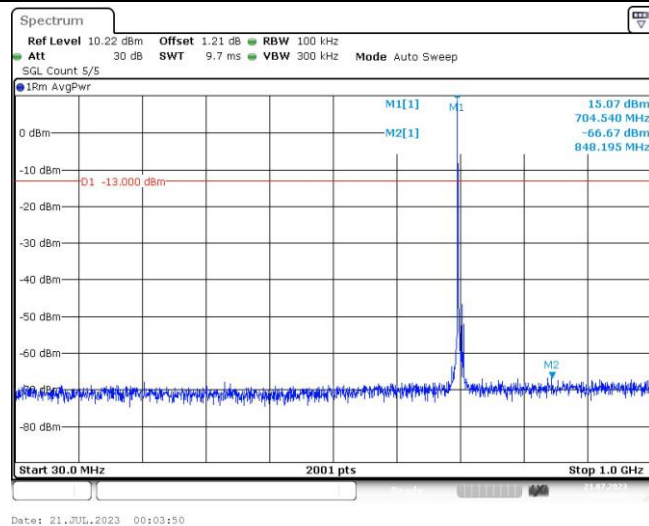
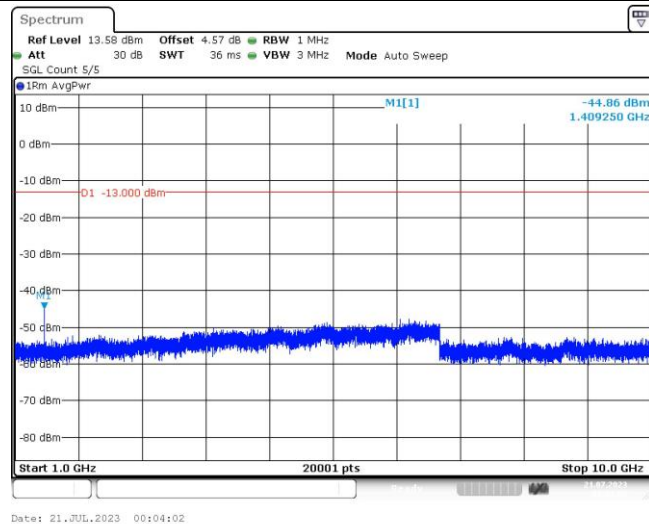
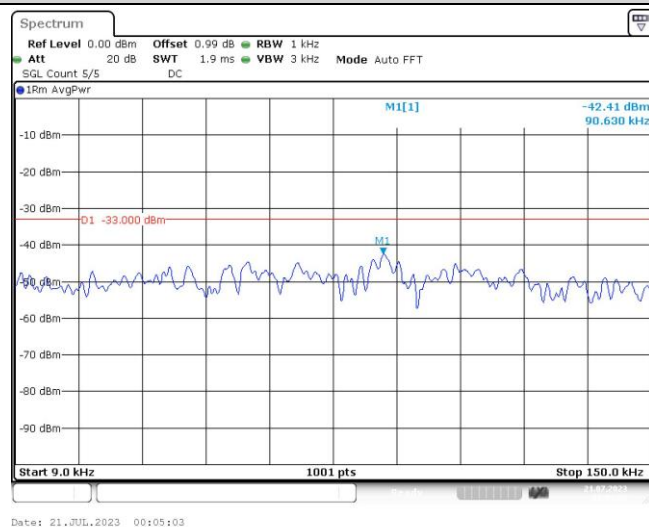




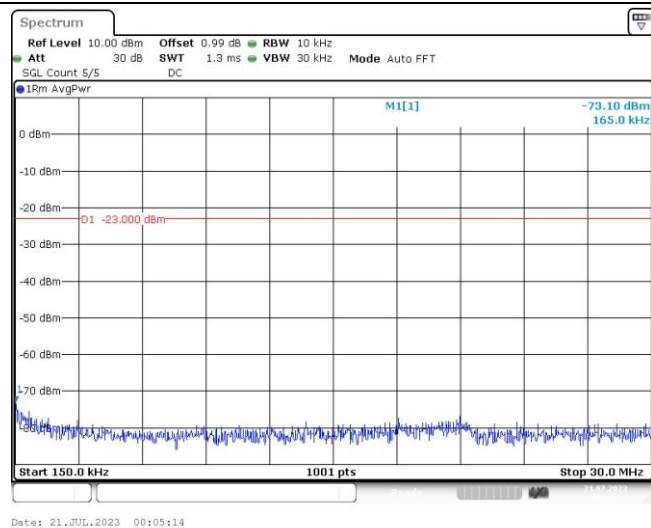
Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



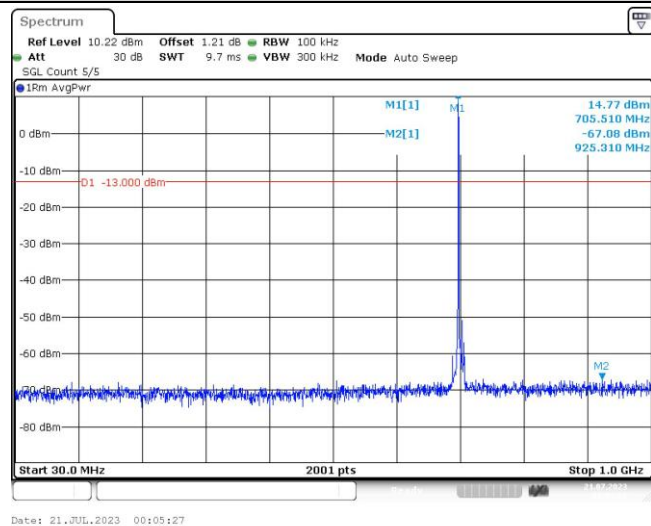
Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



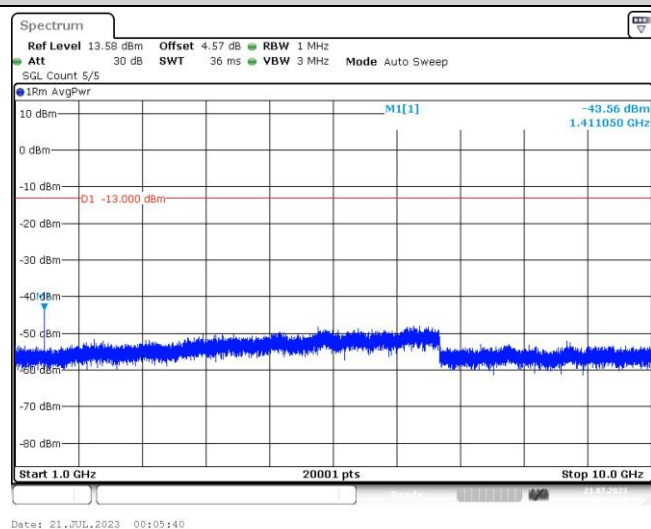
Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



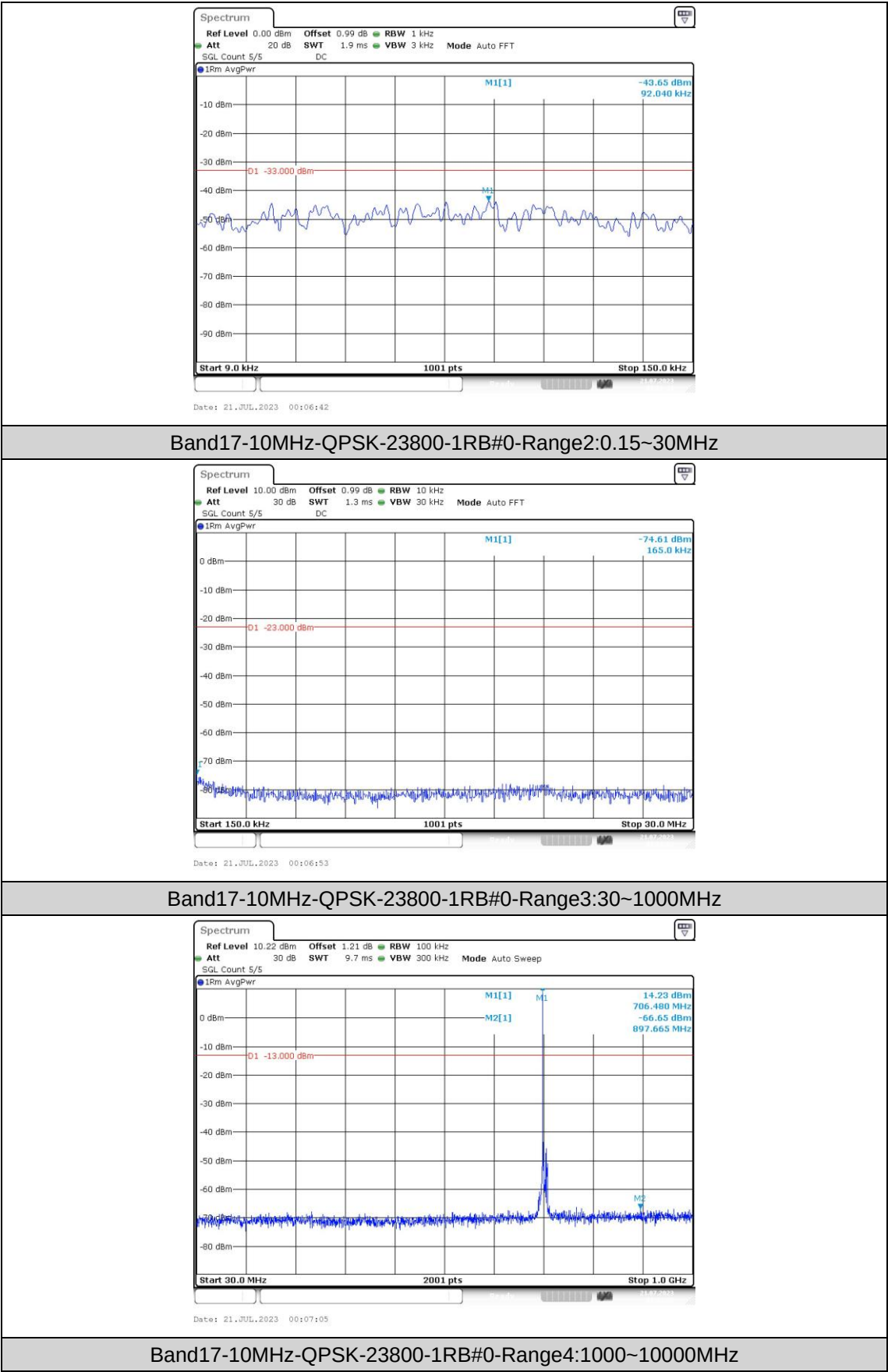
Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz

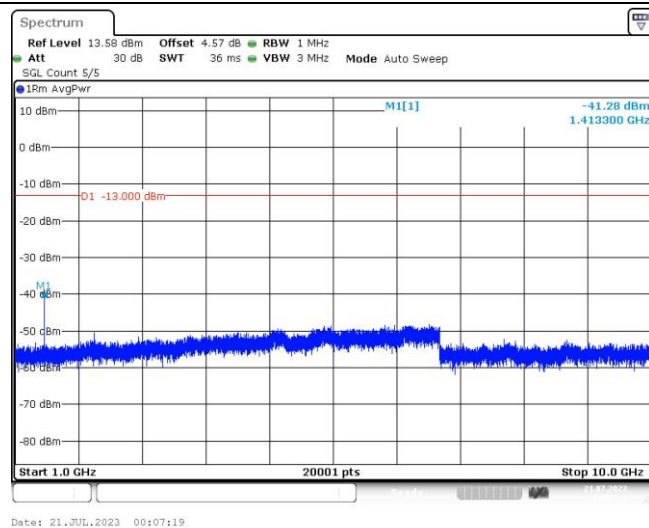


Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz

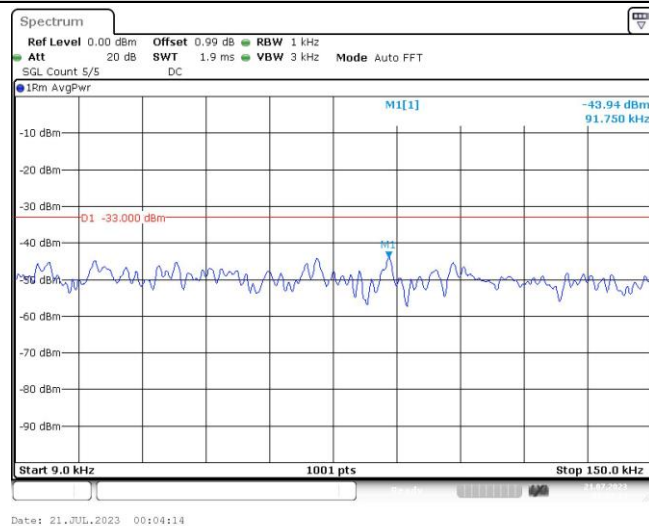


Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz

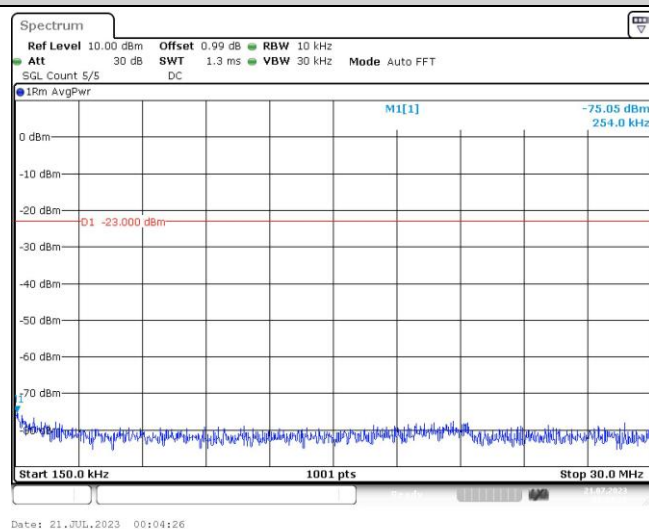




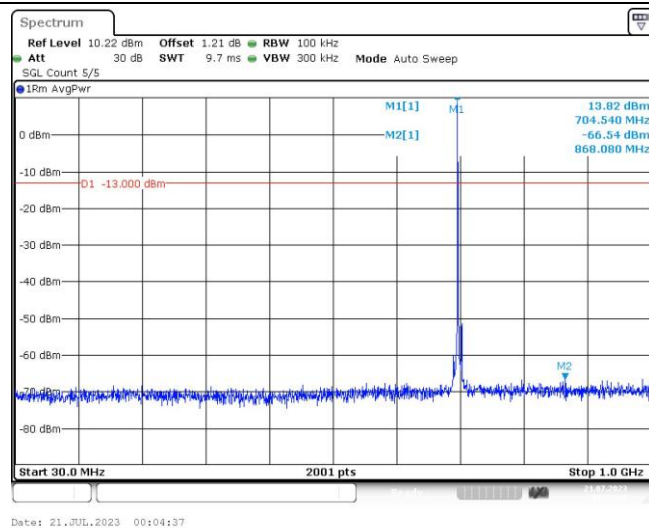
Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz



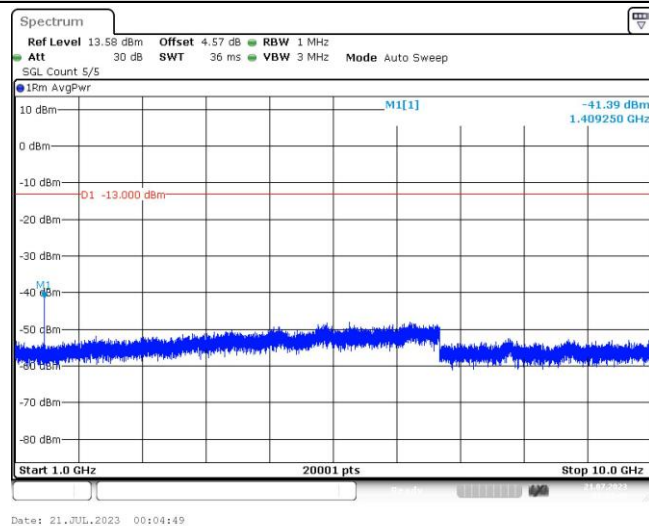
Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz



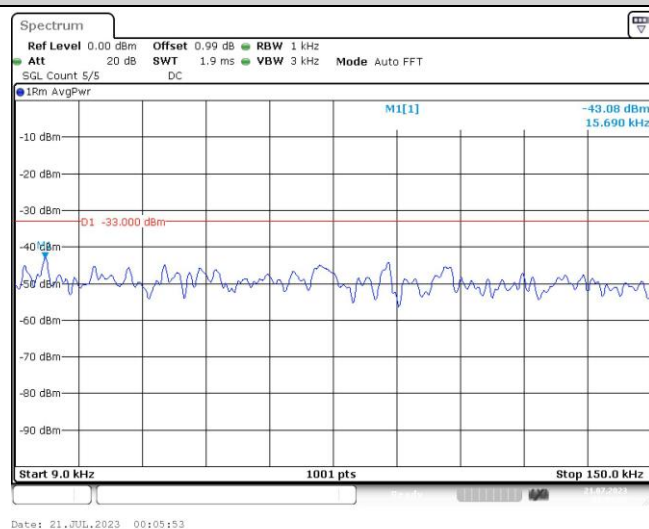
Band17-10MHz-16QAM-23780-1RB#0-Range3:30~1000MHz



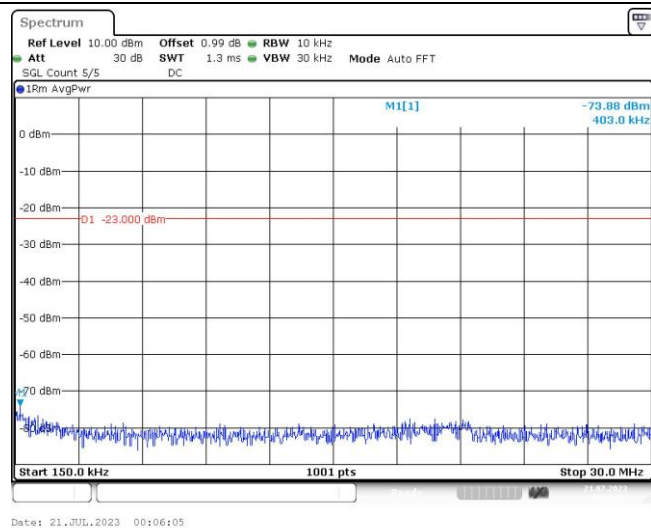
Band17-10MHz-16QAM-23780-1RB#0-Range4:1000~10000MHz



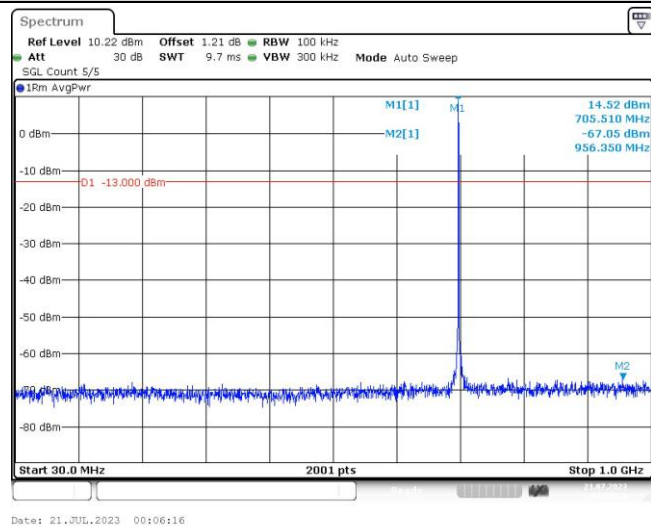
Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



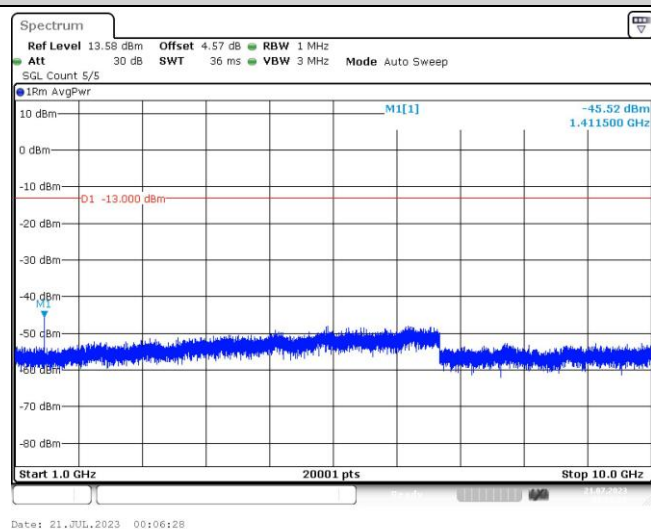
Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



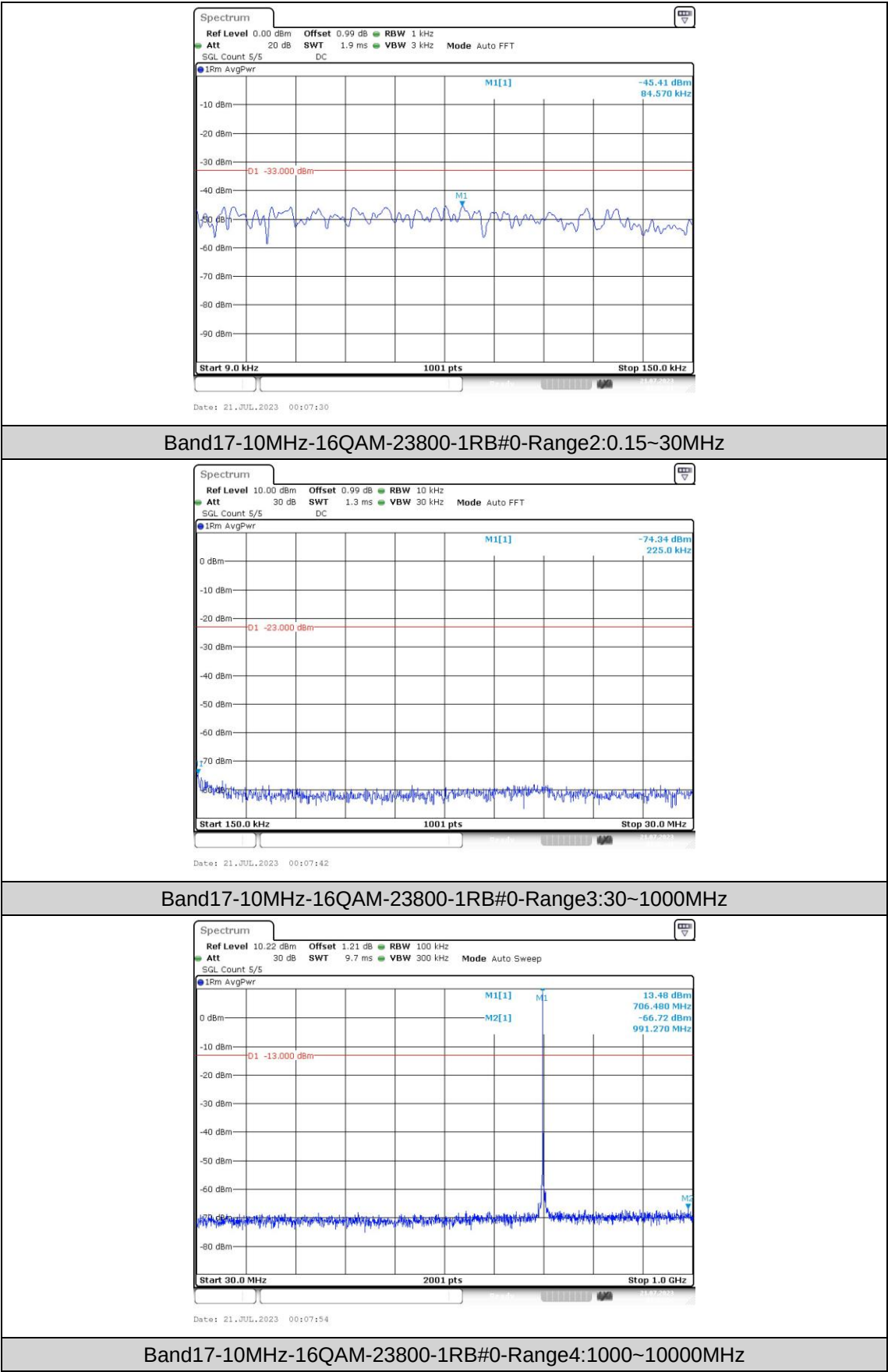
Band17-10MHz-16QAM-23790-1RB#0-Range3:30~1000MHz

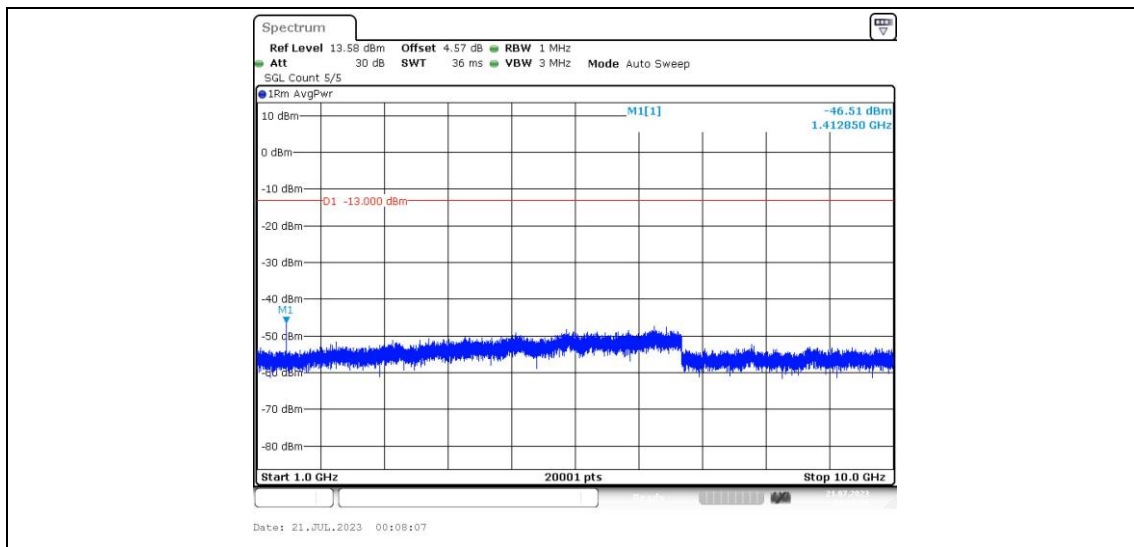


Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz





Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 7	5MHz	QPSK	23755	25RB#0	VL	NT	-2.45	-0.003468	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VN	NT	1.02	0.001444	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VH	NT	1.53	0.002166	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	1.85	0.002606	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	-2.23	-0.003141	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	-2.98	-0.004197	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VL	NT	-2.37	-0.003322	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VN	NT	-1.63	-0.002285	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VH	NT	-1.39	-0.001948	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VL	NT	2.83	0.004006	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VN	NT	-2.07	-0.002930	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VH	NT	2.62	0.003708	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	-0.93	-0.001310	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	1.72	0.002423	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	-1.76	-0.002479	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VL	NT	1.95	0.002733	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VN	NT	-2.30	-0.003224	±2.5	PASS
Band1	5MHz	16QAM	23825	25RB#0	VH	NT	2.45	0.003434	±2.5	PASS

7										
Band1 7	10MHz	QPSK	23780	50RB#0	VL	NT	1.47	0.002073	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VN	NT	1.86	0.002623	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VH	NT	-1.76	-0.002482	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	1.60	0.002254	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	1.69	0.002380	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VH	NT	-2.00	-0.002817	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VL	NT	0.92	0.001294	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VN	NT	2.12	0.002982	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VH	NT	-1.50	-0.002110	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VL	NT	-2.13	-0.003004	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VN	NT	-2.42	-0.003413	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VH	NT	-2.33	-0.003286	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	-2.25	-0.003169	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	-2.49	-0.003507	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	-1.66	-0.002338	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VL	NT	-2.03	-0.002855	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VN	NT	1.97	0.002771	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VH	NT	1.95	0.002743	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-30	-2.20	-0.003114	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-20	-3.99	-0.005648	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-10	-1.60	-0.002265	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	0	-4.28	-0.006058	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	10	-1.75	-0.002477	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	20	-2.60	-0.003680	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	30	-1.99	-0.002817	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	40	-3.06	-0.004331	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	50	-1.59	-0.002251	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-30	-2.35	-0.003310	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-20	-2.75	-0.003873	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-10	-2.36	-0.003324	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	0	2.59	0.003648	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	10	1.52	0.002141	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	20	-3.22	-0.004535	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	30	-2.59	-0.003648	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	40	-2.35	-0.003310	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	50	2.62	0.003690	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-30	-1.20	-0.001682	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-20	-2.06	-0.002887	±2.5	PASS

7										
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-10	-2.65	-0.003714	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	0	-1.72	-0.002411	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	10	1.80	0.002523	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	20	-2.22	-0.003111	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	30	-2.90	-0.004064	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	40	2.25	0.003153	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	50	1.59	0.002228	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-30	-2.29	-0.003241	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-20	1.00	0.001415	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-10	-2.13	-0.003015	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	0	-0.90	-0.001274	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	10	-2.43	-0.003439	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	20	-2.79	-0.003949	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	30	-1.65	-0.002335	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	40	-2.60	-0.003680	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	50	2.70	0.003822	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-30	1.63	0.002296	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-20	-1.82	-0.002563	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-10	-1.37	-0.001930	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	0	-2.90	-0.004085	±2.5	PASS
Band1	5MHz	16QAM	23790	25RB#0	NV	10	-2.15	-0.003028	±2.5	PASS

7										
Band1 7	5MHz	16QAM	23790	25RB#0	NV	20	-2.65	-0.003732	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	30	-1.82	-0.002563	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	40	-2.98	-0.004197	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	50	-1.87	-0.002634	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-30	2.03	0.002845	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-20	1.07	0.001500	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-10	-2.57	-0.003602	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	0	-1.83	-0.002565	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	10	1.34	0.001878	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	20	2.46	0.003448	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	30	2.49	0.003490	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	40	-2.05	-0.002873	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	50	0.93	0.001303	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-30	1.06	0.001495	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-20	-1.77	-0.002496	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-10	-1.62	-0.002285	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	0	1.59	0.002243	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	10	1.20	0.001693	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	20	-1.12	-0.001580	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	30	-1.42	-0.002003	±2.5	PASS
Band1	10MHz	QPSK	23780	50RB#0	NV	40	-1.46	-0.002059	±2.5	PASS

7										
Band1 7	10MHz	QPSK	23780	50RB#0	NV	50	-2.62	-0.003695	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-30	1.12	0.001577	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-20	-1.57	-0.002211	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-10	-2.12	-0.002986	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	0	-2.36	-0.003324	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	10	1.46	0.002056	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	20	-2.13	-0.003000	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	30	2.26	0.003183	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	40	1.99	0.002803	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	50	1.20	0.001690	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-30	-0.73	-0.001027	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-20	1.42	0.001997	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-10	-1.02	-0.001435	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	0	2.30	0.003235	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	10	2.10	0.002954	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	20	2.10	0.002954	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	30	3.52	0.004951	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	40	1.42	0.001997	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	50	-1.43	-0.002011	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-30	-2.86	-0.004034	±2.5	PASS
Band1	10MHz	16QAM	23780	50RB#0	NV	-20	-2.68	-0.003780	±2.5	PASS

7										
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-10	-1.80	-0.002539	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	0	-1.22	-0.001721	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	10	1.63	0.002299	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	20	-1.83	-0.002581	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	30	1.02	0.001439	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	40	-2.53	-0.003568	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	50	-2.23	-0.003145	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-30	-2.25	-0.003169	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-20	-2.10	-0.002958	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-10	-2.36	-0.003324	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	0	-1.72	-0.002423	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	10	2.92	0.004113	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	20	-2.02	-0.002845	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	30	-1.80	-0.002535	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	40	1.66	0.002338	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	50	0.97	0.001366	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-30	-2.03	-0.002855	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-20	1.73	0.002433	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-10	-1.65	-0.002321	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	0	-1.54	-0.002166	±2.5	PASS
Band1	10MHz	16QAM	23800	50RB#0	NV	10	-2.26	-0.003179	±2.5	PASS

7										
Band1 7	10MHz	16QAM	23800	50RB#0	NV	20	2.09	0.002940	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	30	2.05	0.002883	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	40	1.93	0.002714	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	50	1.17	0.001646	±2.5	PASS