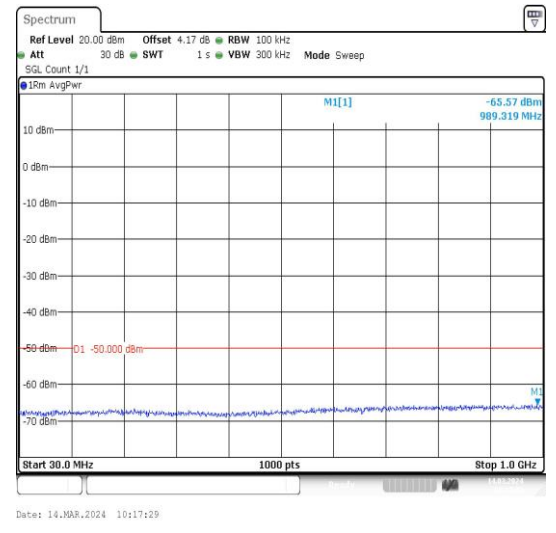
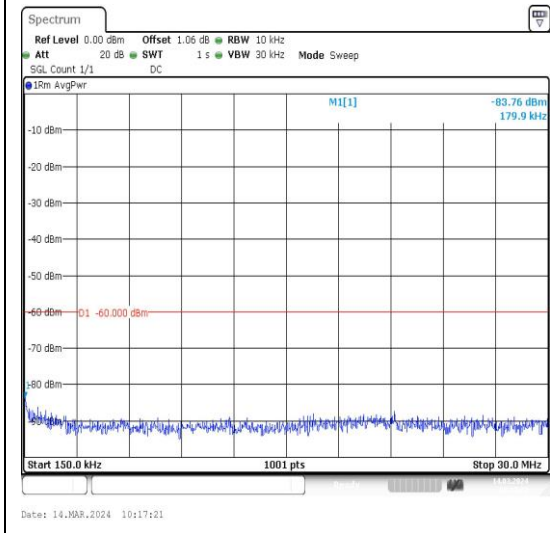


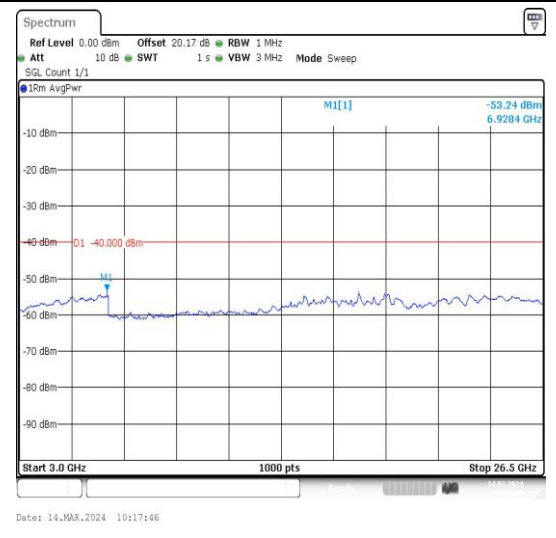
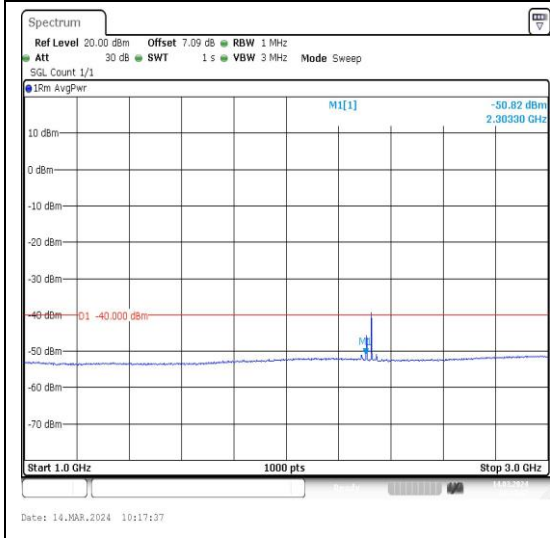
Band40_5MHz_QPSK_38825_1RB#0_3000~26500_3000~26500

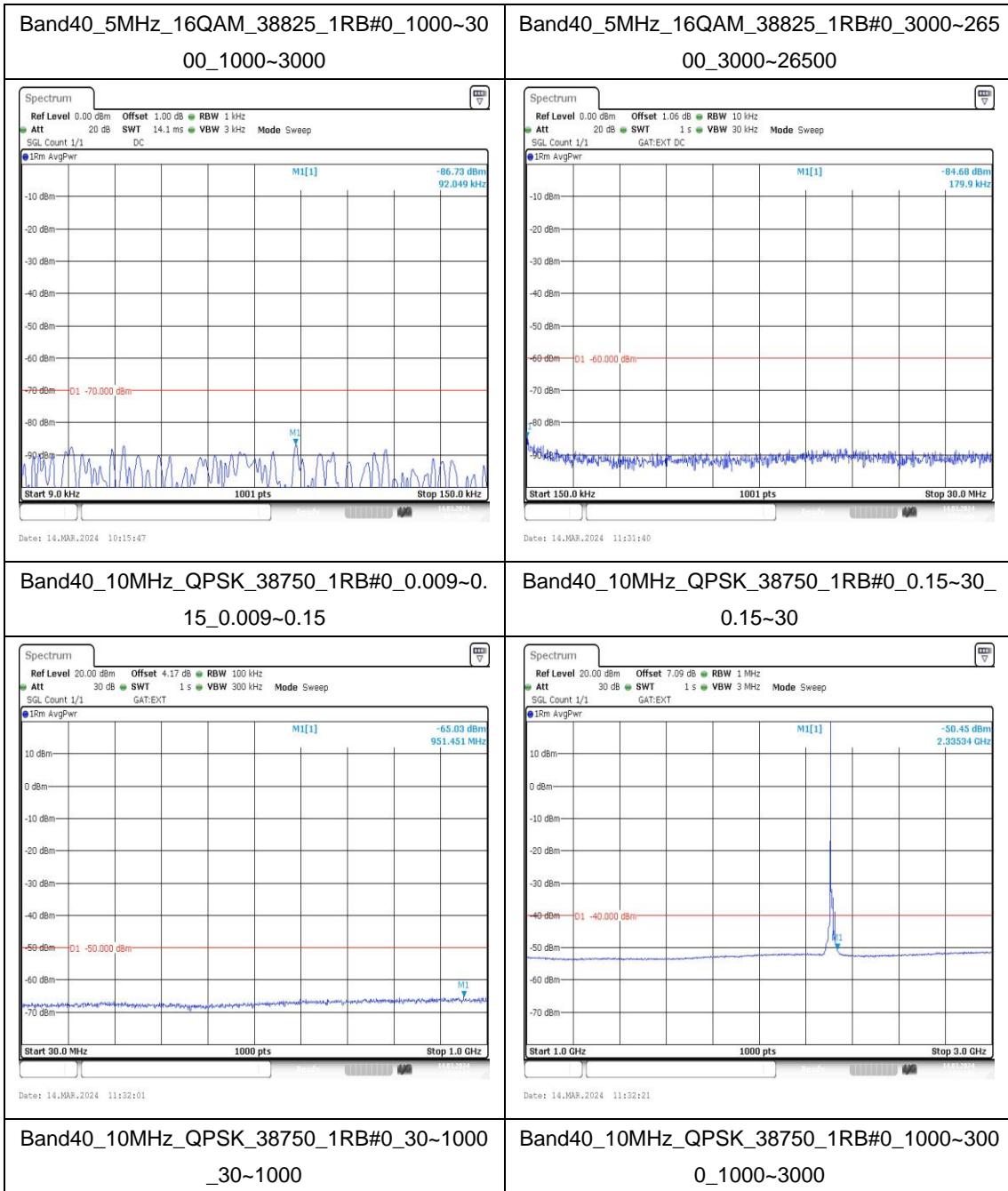
Band40_5MHz_16QAM_38825_1RB#0_0.009~0.15_0.009~0.15

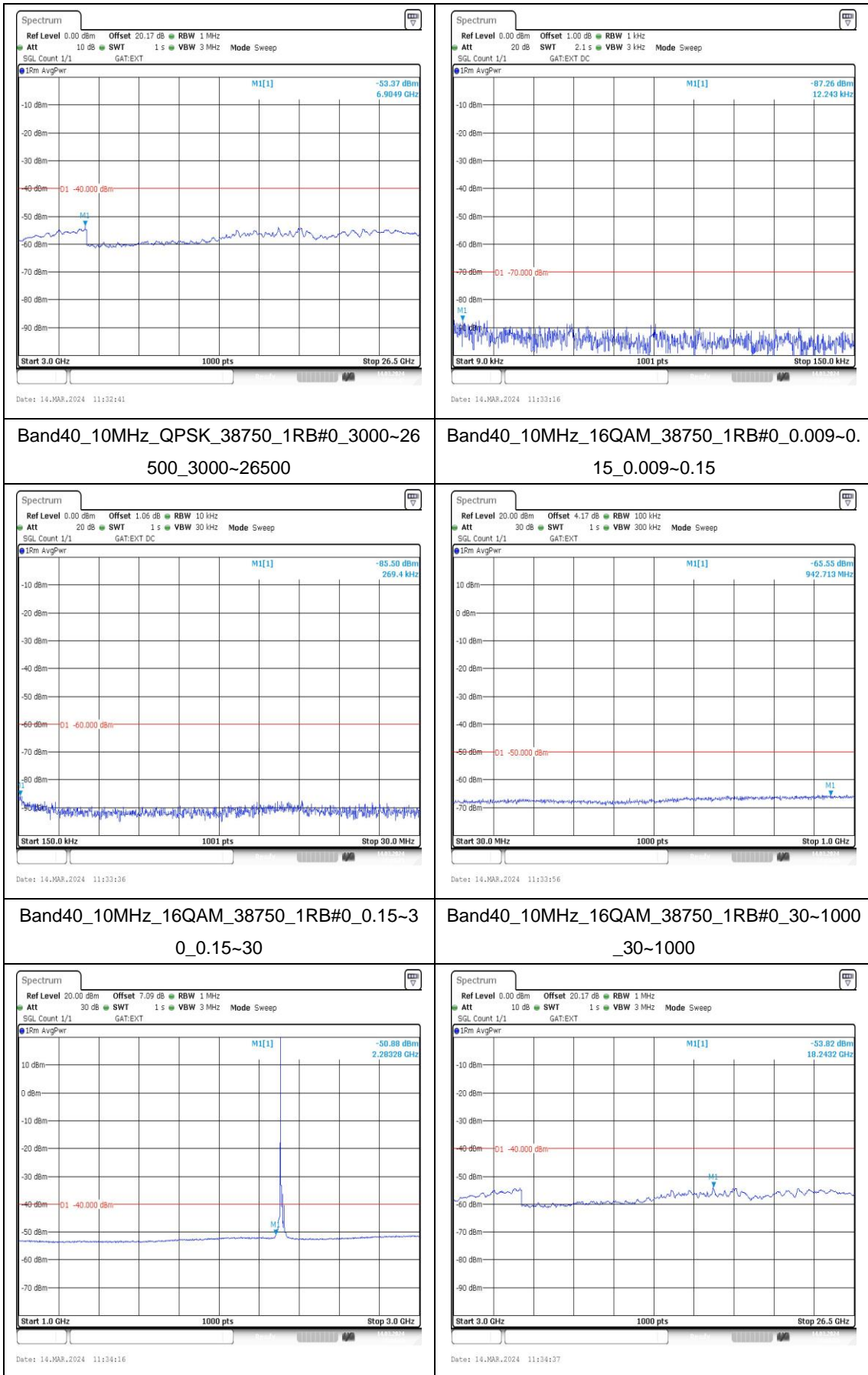


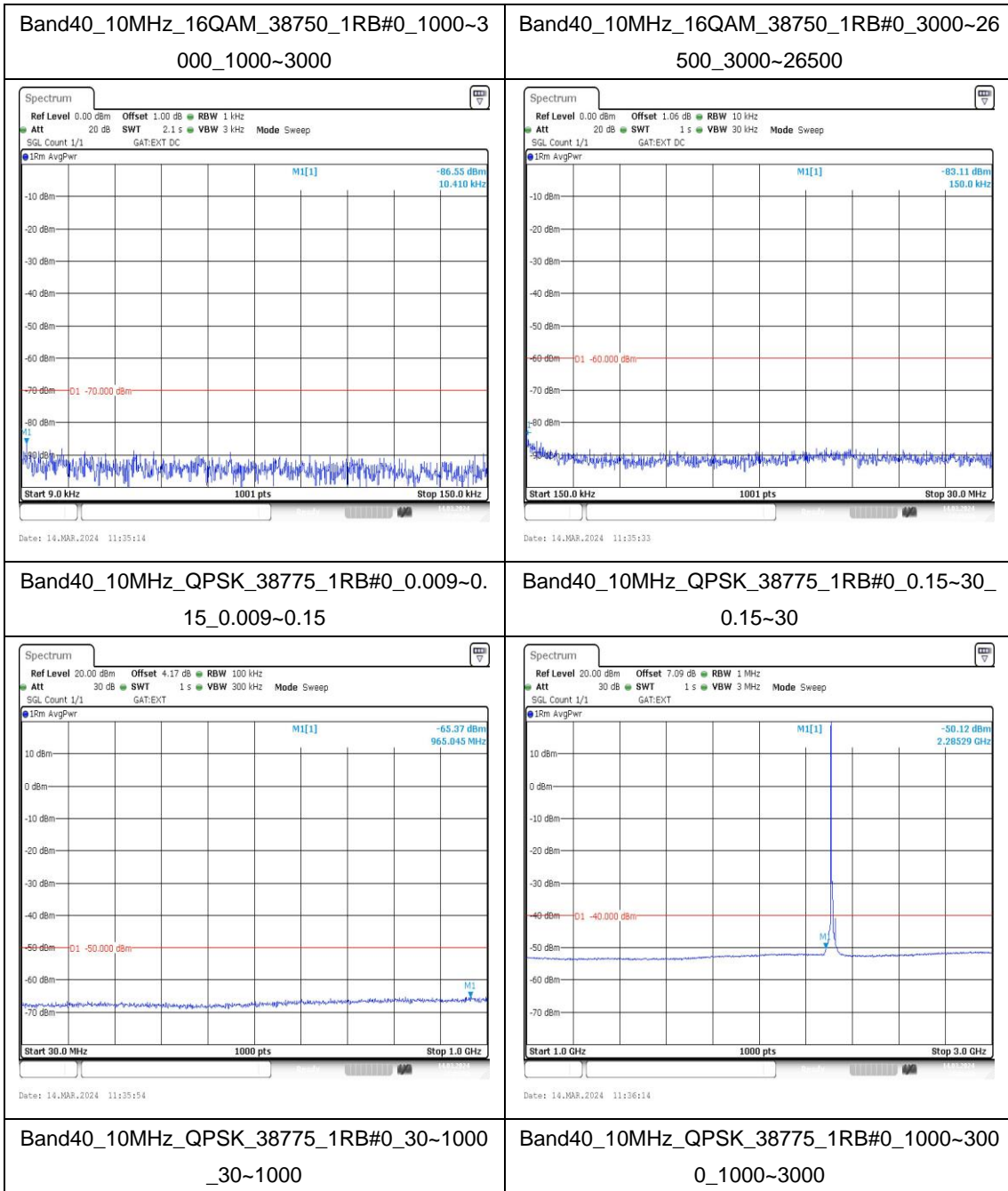
Band40_5MHz_16QAM_38825_1RB#0_0.15~30_0.15~30

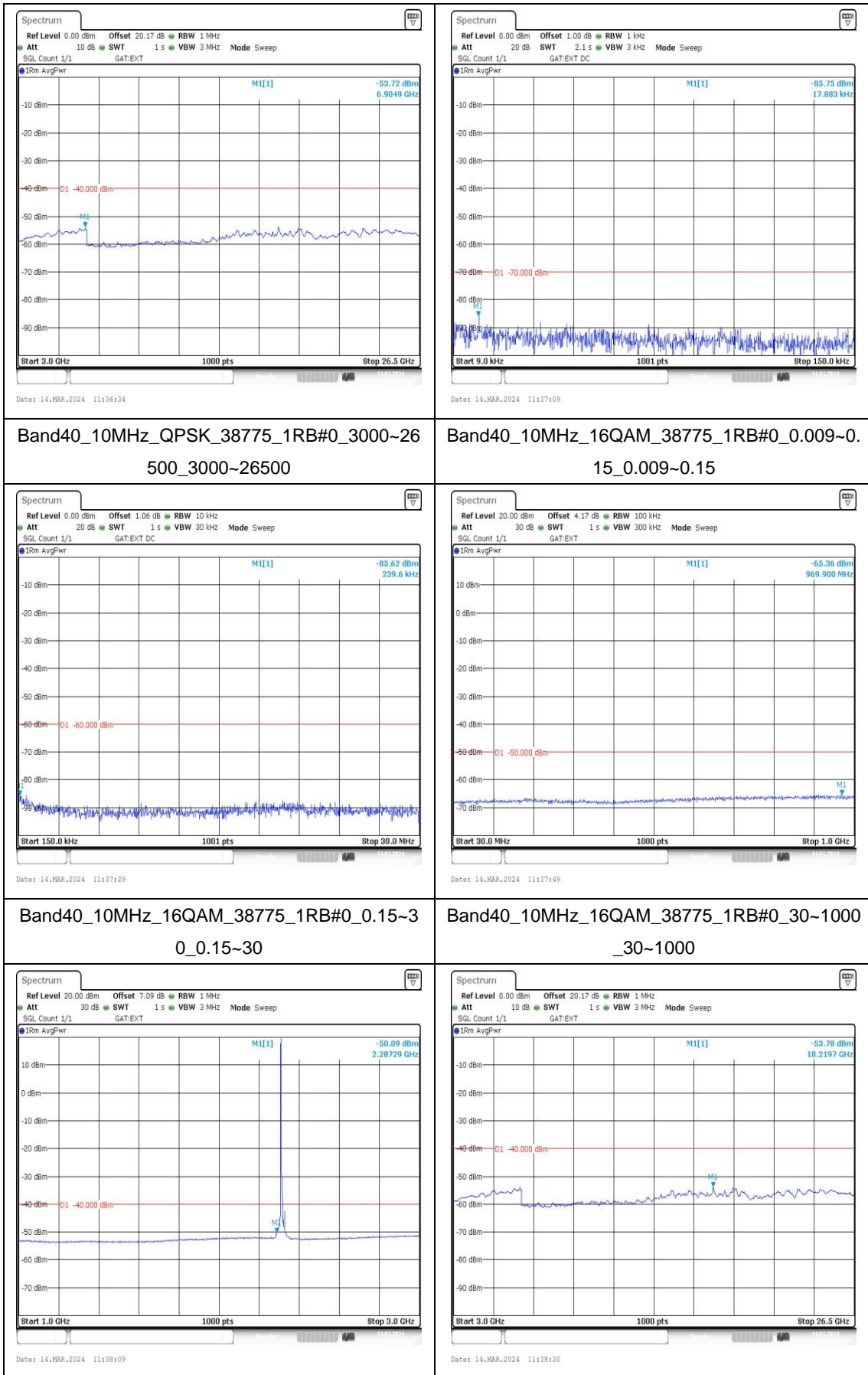
Band40_5MHz_16QAM_38825_1RB#0_30~1000_30~1000

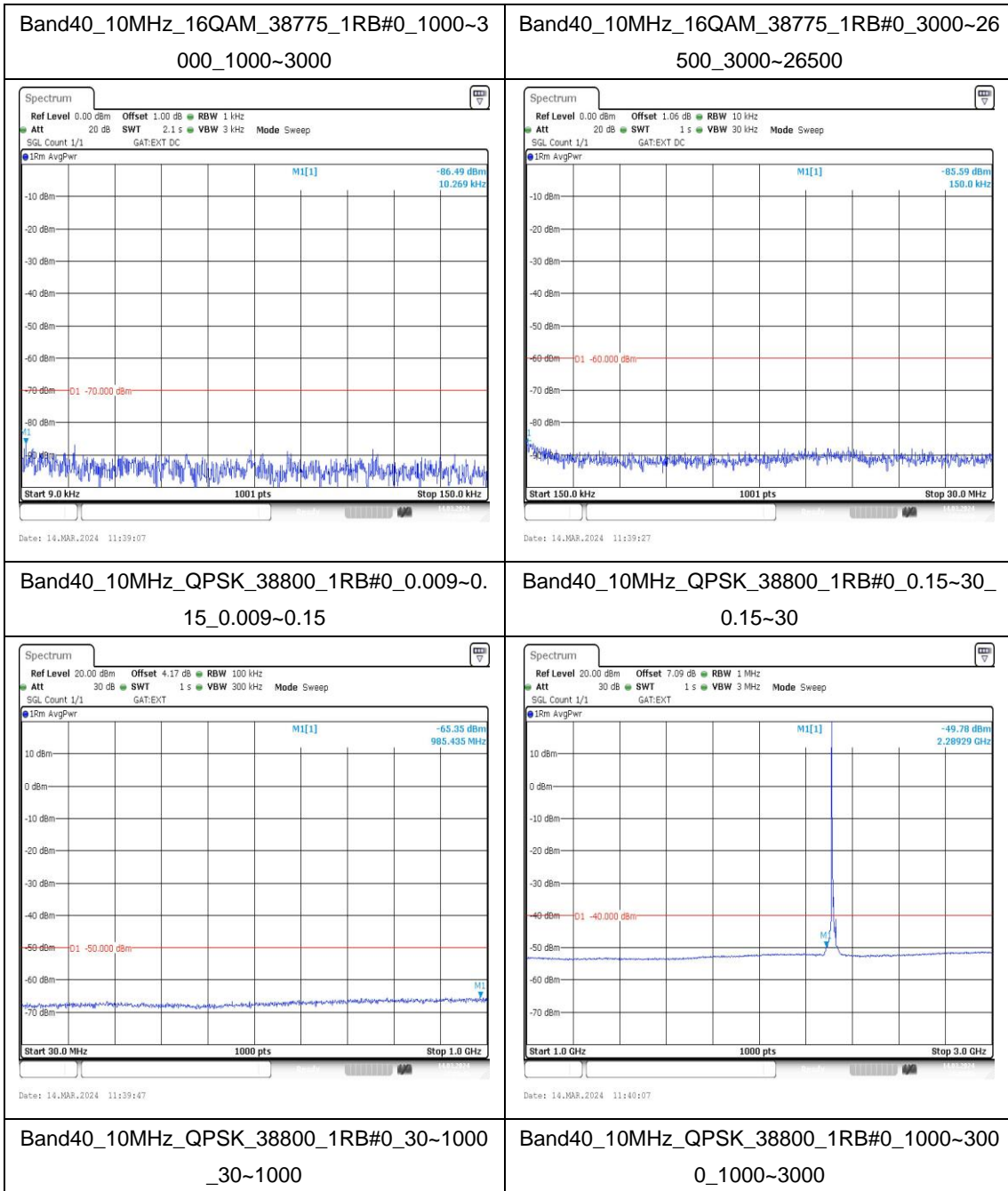


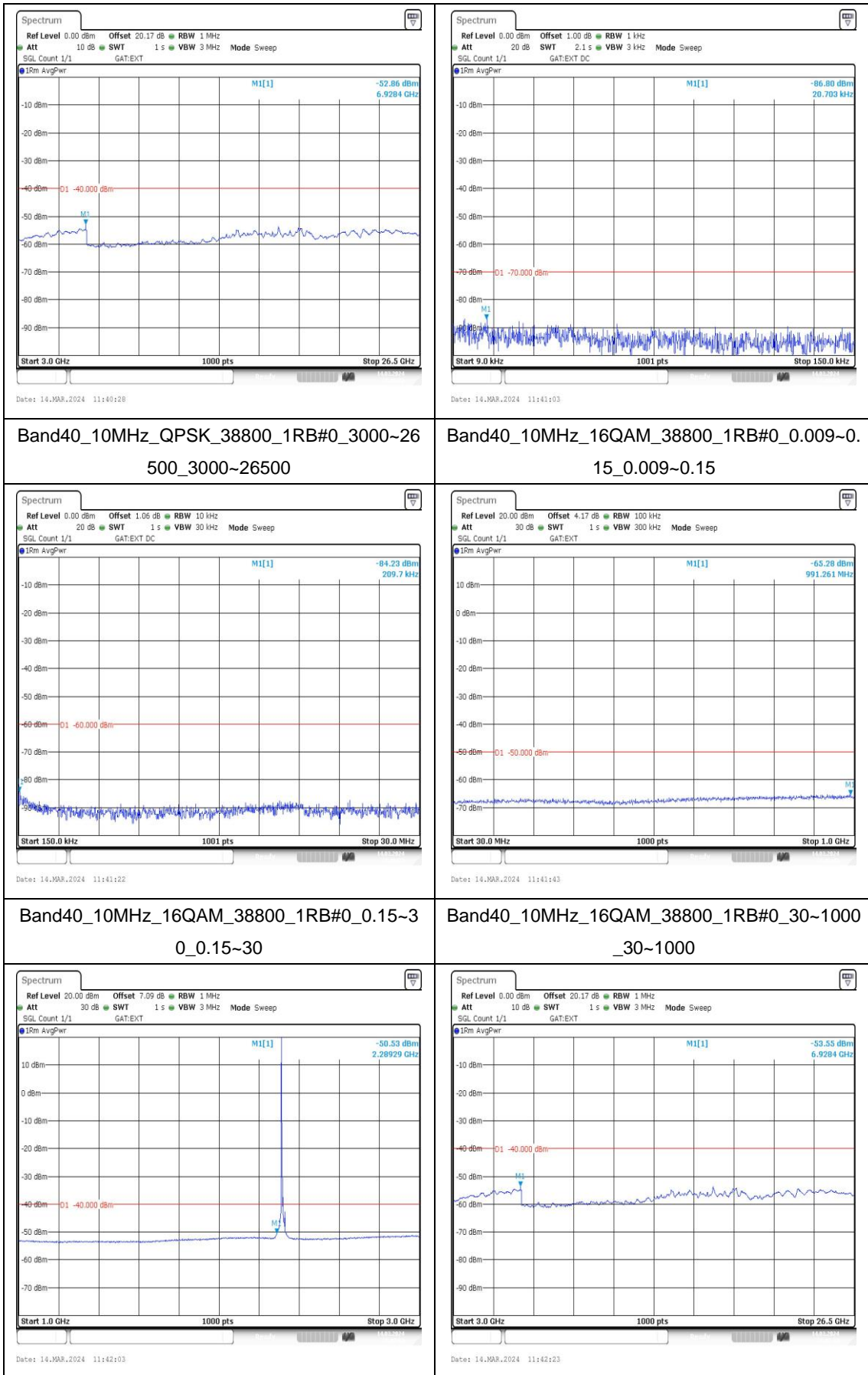


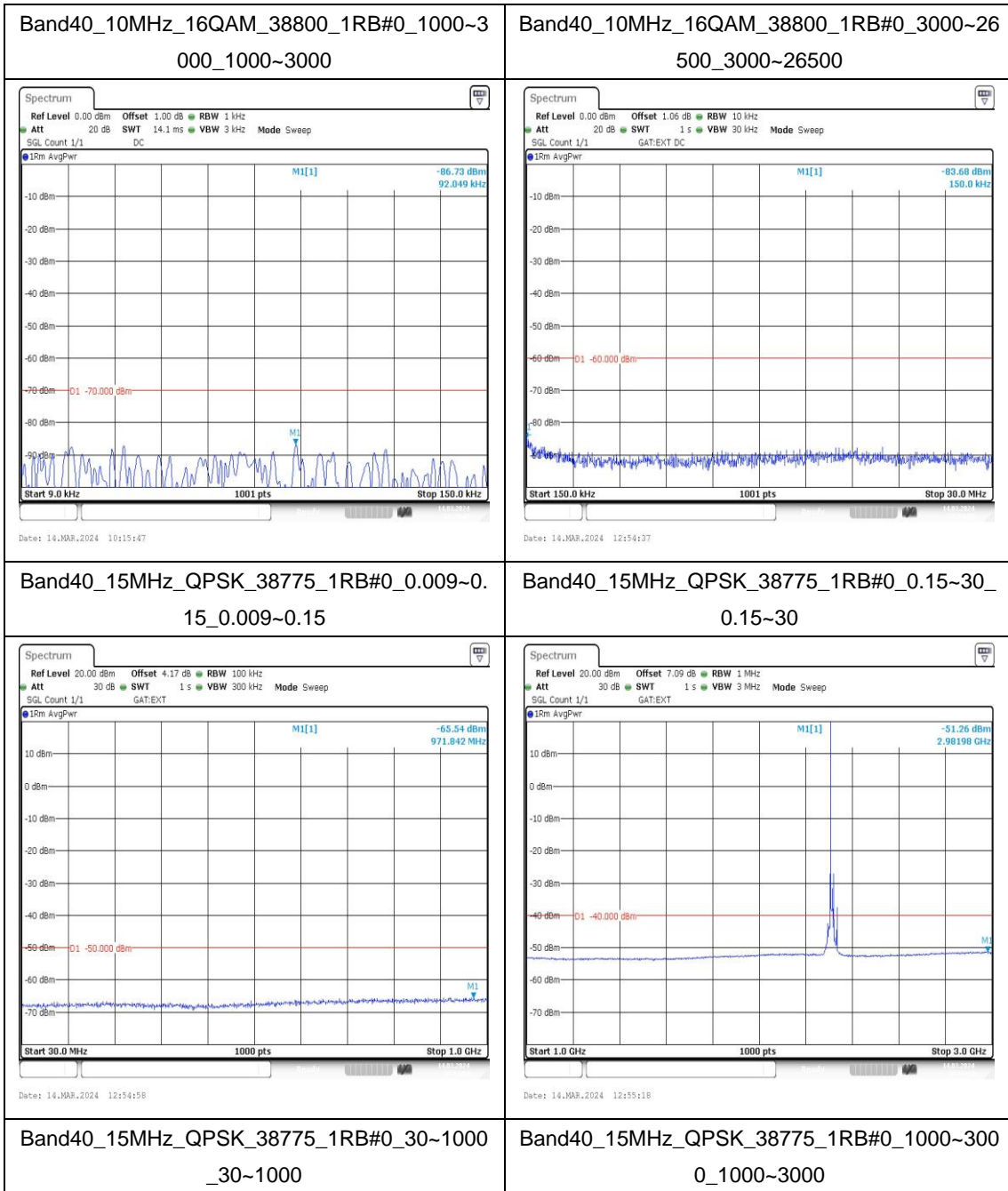


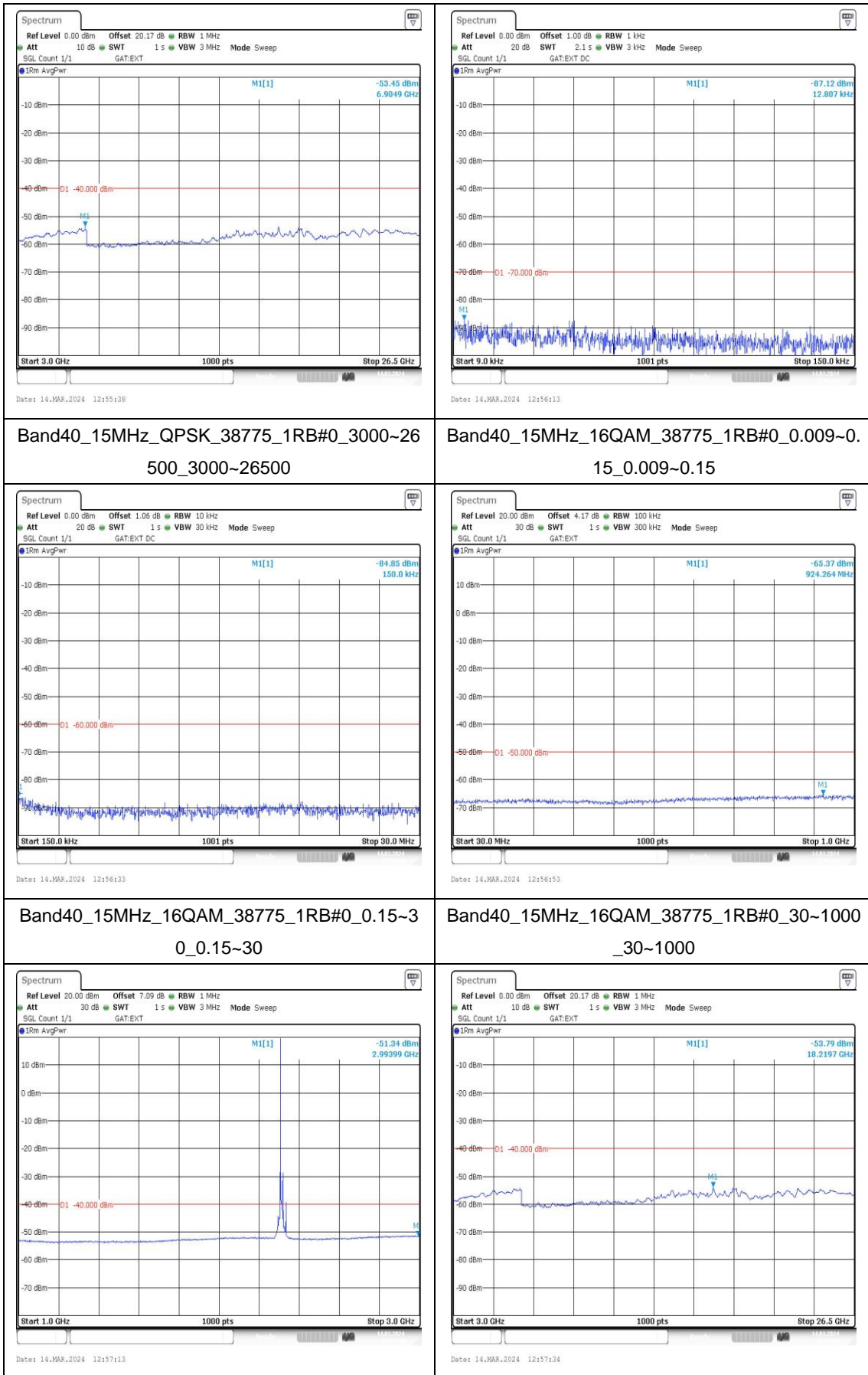












Band40_15MHz_16QAM_38775_1RB#0_1000~3000_1000~3000	Band40_15MHz_16QAM_38775_1RB#0_3000~26500_500_3000~26500
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Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
40(2305-2320)	5MHz	QPSK	38725	25RB#0	VN	NT	-14.85	-0.006436	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38725	25RB#0	VL	NT	-12.33	-0.005343	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38725	25RB#0	VH	NT	-10.96	-0.004750	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38725	25RB#0	VN	NT	2.66	0.001153	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38725	25RB#0	VL	NT	-3.15	-0.001365	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38725	25RB#0	VH	NT	-6.85	-0.002969	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38775	25RB#0	VN	NT	3.00	0.001297	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38775	25RB#0	VL	NT	2.69	0.001163	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38775	25RB#0	VH	NT	3.69	0.001596	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38775	25RB#0	VN	NT	1.79	0.000774	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38775	25RB#0	VL	NT	-3.10	-0.001341	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38775	25RB#0	VH	NT	-6.54	-0.002828	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38825	25RB#0	VN	NT	-11.04	-0.004764	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38825	25RB#0	VL	NT	-7.81	-0.003370	±2.5	PASS
40(2305-2320)	5MHz	QPSK	38825	25RB#0	VH	NT	-5.58	-0.002408	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38825	25RB#0	VN	NT	-7.05	-0.003042	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38825	25RB#0	VL	NT	-11.01	-0.004751	±2.5	PASS
40(2305-2320)	5MHz	16QAM	38825	25RB#0	VH	NT	-7.37	-0.003180	±2.5	PASS

-2320)										
40(2305 -2320)	10MHz	QPSK	38750	50RB#0	VN	NT	-5.89	-0.002550	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38750	50RB#0	VL	NT	3.13	0.001355	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38750	50RB#0	VH	NT	-12.55	-0.005433	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38750	50RB#0	VN	NT	-1.56	-0.000675	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38750	50RB#0	VL	NT	4.65	0.002013	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38750	50RB#0	VH	NT	9.30	0.004026	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38775	50RB#0	VN	NT	2.72	0.001176	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38775	50RB#0	VL	NT	7.42	0.003209	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38775	50RB#0	VH	NT	-6.44	-0.002785	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	VN	NT	2.02	0.000874	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	VL	NT	6.21	0.002685	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	VH	NT	-13.62	-0.005890	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	VN	NT	-10.30	-0.004449	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	VL	NT	-3.45	-0.001490	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	VH	NT	5.94	0.002566	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	VN	NT	-9.50	-0.004104	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	VL	NT	-8.20	-0.003542	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	VH	NT	-7.04	-0.003041	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	VN	NT	-4.26	-0.001842	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	VL	NT	-5.45	-0.002357	±2.5	PASS
40(2305	15MHz	QPSK	38775	75RB#0	VH	NT	-4.63	-0.002002	±2.5	PASS

-2320)										
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	VN	NT	-3.79	-0.001639	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	VL	NT	-4.13	-0.001786	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	VH	NT	4.79	0.002071	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	-30	-14.16	-0.006137	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	-20	5.74	0.002488	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	-10	-2.68	-0.001161	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	0	-5.59	-0.002423	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	10	-10.37	-0.004494	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	20	7.12	0.003086	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	30	2.12	0.000919	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	40	-7.21	-0.003125	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38725	25RB#0	NV	50	-14.55	-0.006306	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	-30	-9.00	-0.003900	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	-20	-10.79	-0.004676	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	-10	-12.53	-0.005430	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	0	-13.15	-0.005699	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	10	-13.65	-0.005915	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	20	8.45	0.003662	±2.5	PASS

40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	30	-13.05	-0.005655	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	40	7.57	0.003281	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38725	25RB#0	NV	50	9.71	0.004208	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	-30	3.68	0.001591	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	-20	-5.41	-0.002339	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	-10	-3.28	-0.001418	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	0	-6.28	-0.002716	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	10	-8.34	-0.003606	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	20	-10.71	-0.004631	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	30	-11.83	-0.005116	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	40	5.26	0.002275	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38775	25RB#0	NV	50	4.45	0.001924	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	-30	-4.98	-0.002154	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	-20	-3.22	-0.001392	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	-10	-2.75	-0.001189	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	0	4.28	0.001851	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	10	8.07	0.003490	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	20	7.35	0.003178	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	30	-13.05	-0.005643	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	40	-11.74	-0.005077	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38775	25RB#0	NV	50	-10.46	-0.004523	±2.5	PASS

40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	-30	-2.52	-0.001087	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	-20	-3.19	-0.001376	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	-10	3.72	0.001605	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	0	1.50	0.000647	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	10	-3.92	-0.001691	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	20	-3.65	-0.001575	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	30	-5.85	-0.002524	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	40	-6.37	-0.002749	±2.5	PASS
40(2305 -2320)	5MHz	QPSK	38825	25RB#0	NV	50	-6.87	-0.002964	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	-30	-8.31	-0.003586	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	-20	-5.24	-0.002261	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	-10	2.62	0.001131	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	0	3.53	0.001523	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	10	8.38	0.003616	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	20	9.20	0.003970	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	30	-9.56	-0.004125	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	40	-6.52	-0.002813	±2.5	PASS
40(2305 -2320)	5MHz	16QAM	38825	25RB#0	NV	50	-3.49	-0.001506	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38750	50RB#0	NV	-30	-7.90	-0.003420	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38750	50RB#0	NV	-20	-6.19	-0.002680	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38750	50RB#0	NV	-10	1.85	0.000801	±2.5	PASS

40(2305-2320)	10MHz	QPSK	38750	50RB#0	NV	0	5.49	0.002377	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38750	50RB#0	NV	10	-14.25	-0.006169	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38750	50RB#0	NV	20	-12.30	-0.005325	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38750	50RB#0	NV	30	-9.41	-0.004074	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38750	50RB#0	NV	40	-7.90	-0.003420	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38750	50RB#0	NV	50	-5.48	-0.002372	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	-30	-7.51	-0.003251	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	-20	1.90	0.000823	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	-10	8.51	0.003684	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	0	-7.57	-0.003277	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	10	-2.30	-0.000996	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	20	8.83	0.003823	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	30	-8.90	-0.003853	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	40	-3.75	-0.001623	±2.5	PASS
40(2305-2320)	10MHz	16QAM	38750	50RB#0	NV	50	6.92	0.002996	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38775	50RB#0	NV	-30	-5.12	-0.002214	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38775	50RB#0	NV	-20	4.13	0.001786	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38775	50RB#0	NV	-10	6.90	0.002984	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38775	50RB#0	NV	0	-12.92	-0.005587	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38775	50RB#0	NV	10	-11.19	-0.004839	±2.5	PASS
40(2305-2320)	10MHz	QPSK	38775	50RB#0	NV	20	-7.41	-0.003204	±2.5	PASS

40(2305 -2320)	10MHz	QPSK	38775	50RB#0	NV	30	-6.91	-0.002988	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38775	50RB#0	NV	40	-4.35	-0.001881	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38775	50RB#0	NV	50	3.10	0.001341	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	-30	-9.18	-0.003970	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	-20	-5.44	-0.002352	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	-10	4.35	0.001881	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	0	-14.03	-0.006067	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	10	-9.30	-0.004022	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	20	2.83	0.001224	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	30	5.59	0.002417	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	40	-10.40	-0.004497	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38775	50RB#0	NV	50	-6.64	-0.002871	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	-30	-10.76	-0.004648	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	-20	-7.35	-0.003175	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	-10	-5.22	-0.002255	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	0	-5.21	-0.002251	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	10	2.90	0.001253	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	20	5.29	0.002285	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	30	8.53	0.003685	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	40	-11.04	-0.004769	±2.5	PASS
40(2305 -2320)	10MHz	QPSK	38800	50RB#0	NV	50	7.85	0.003391	±2.5	PASS

40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	-30	-3.45	-0.001490	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	-20	5.88	0.002540	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	-10	-11.37	-0.004911	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	0	-6.29	-0.002717	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	10	-2.90	-0.001253	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	20	4.33	0.001870	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	30	-11.23	-0.004851	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	40	-7.20	-0.003110	±2.5	PASS
40(2305 -2320)	10MHz	16QAM	38800	50RB#0	NV	50	2.06	0.000890	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	-30	-3.02	-0.001306	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	-20	4.72	0.002041	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	-10	3.98	0.001721	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	0	-14.28	-0.006175	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	10	-12.13	-0.005245	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	20	-11.06	-0.004783	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	30	-9.26	-0.004004	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	40	-8.14	-0.003520	±2.5	PASS
40(2305 -2320)	15MHz	QPSK	38775	75RB#0	NV	50	-4.99	-0.002158	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	-30	-11.07	-0.004787	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	-20	-7.32	-0.003165	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	-10	3.20	0.001384	±2.5	PASS

40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	0	5.79	0.002504	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	10	-11.03	-0.004770	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	20	-6.08	-0.002629	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	30	-3.35	-0.001449	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	40	-15.06	-0.006512	±2.5	PASS
40(2305 -2320)	15MHz	16QAM	38775	75RB#0	NV	50	-11.09	-0.004796	±2.5	PASS