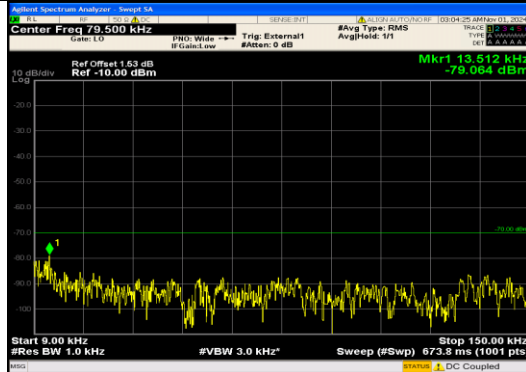
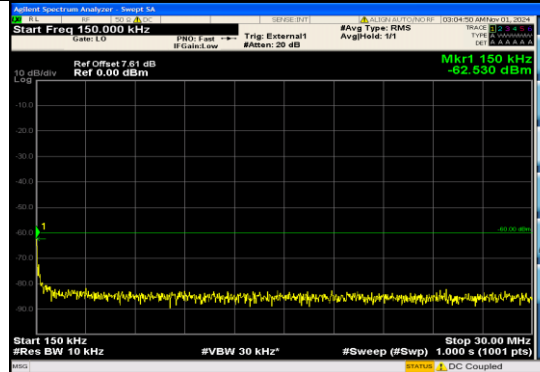


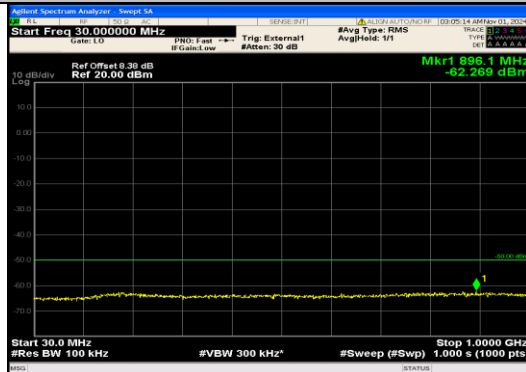
Band40_10MHz_16QAM_38750_50RB#0_1000
~3000_1000~3000



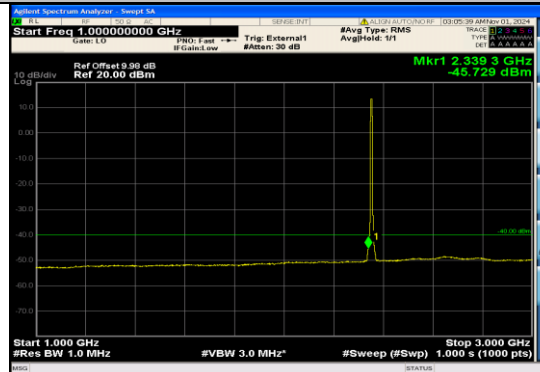
Band40_10MHz_16QAM_38750_50RB#0_3000~
26500_3000~26500



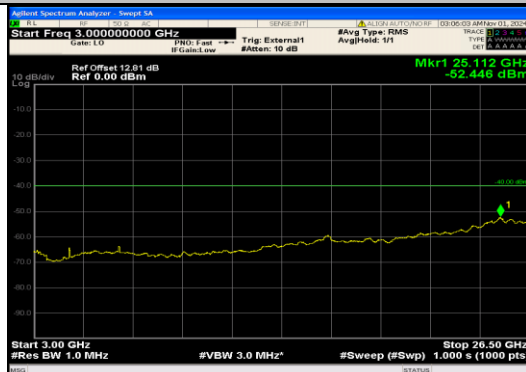
Band40_5MHz_QPSK_39175_25RB#0_0.009~
0.15_0.009~0.15



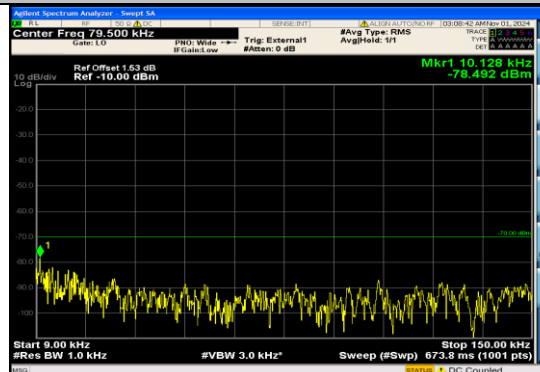
Band40_5MHz_QPSK_39175_25RB#0_0.15~30
_0.15~30



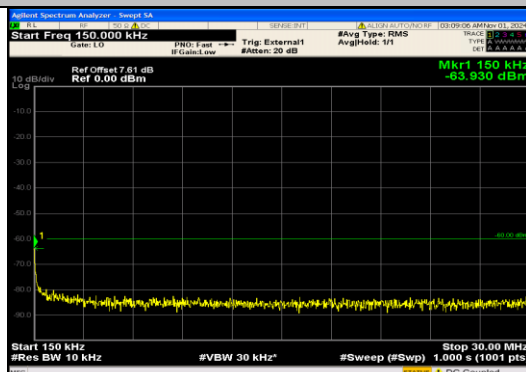
Band40_5MHz_QPSK_39175_25RB#0_30~100
0_30~1000



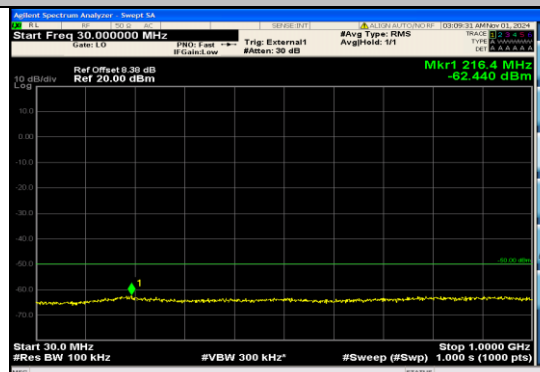
Band40_5MHz_QPSK_39175_25RB#0_1000~30
00_1000~3000

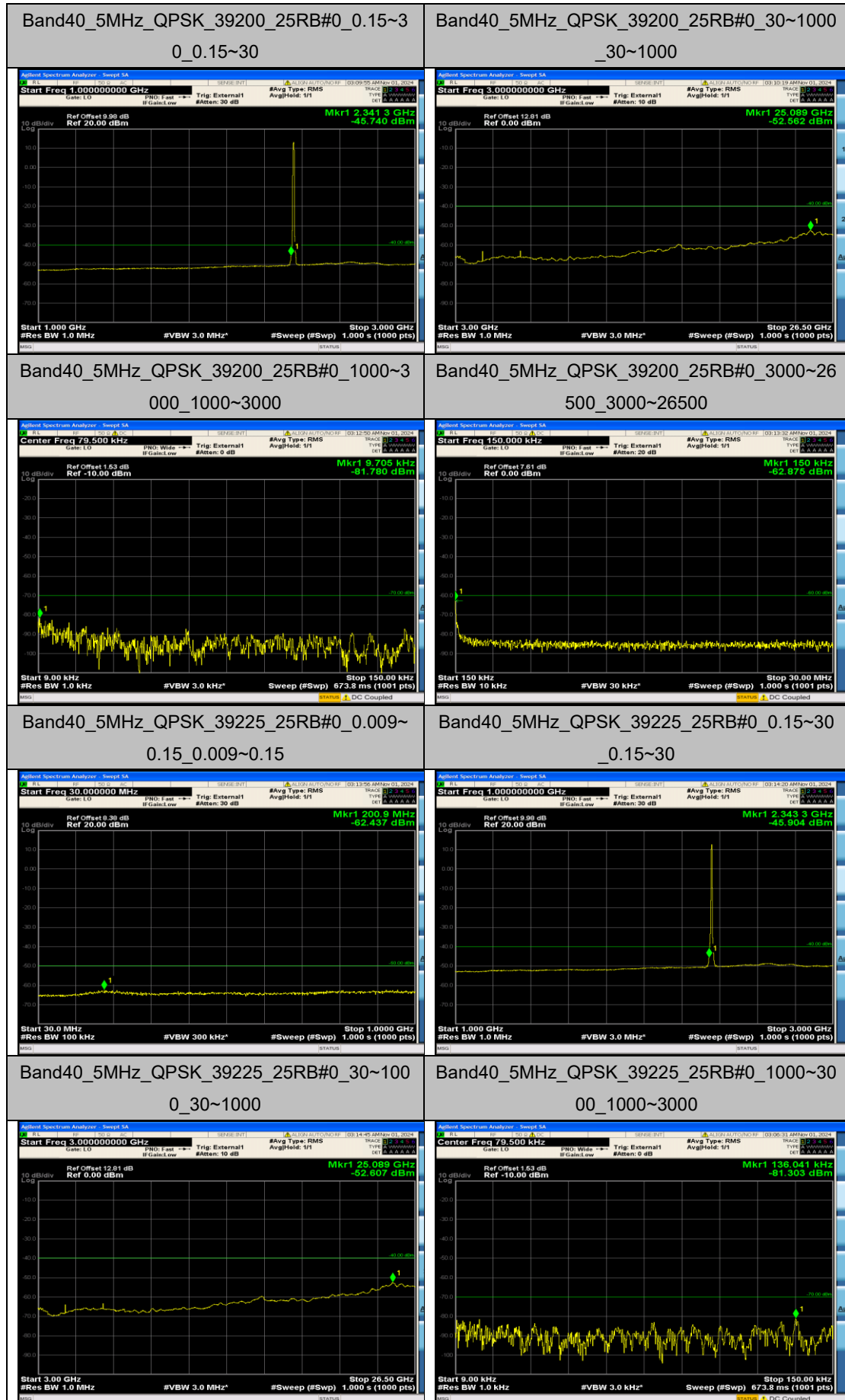


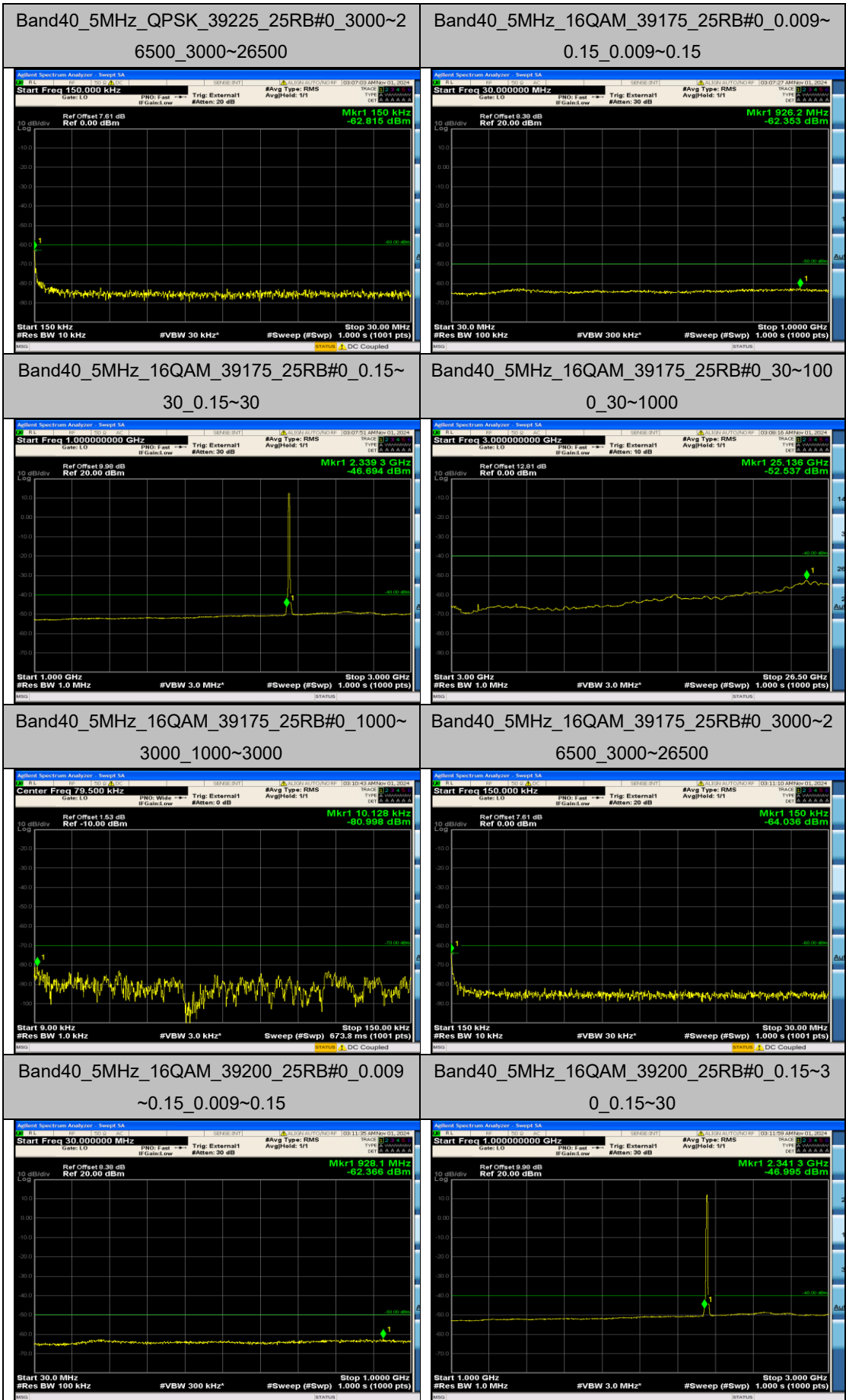
Band40_5MHz_QPSK_39175_25RB#0_3000~2
6500_3000~26500

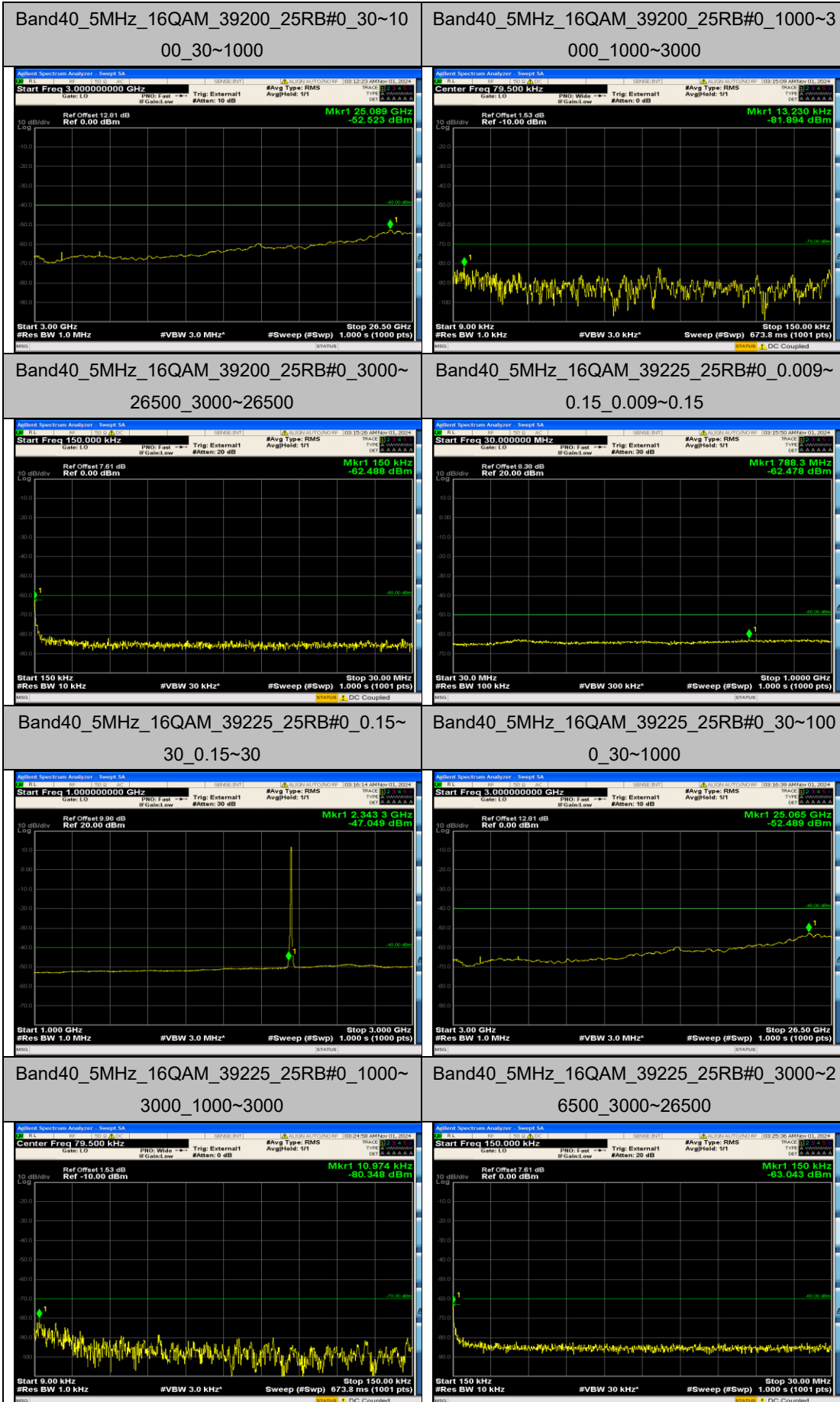


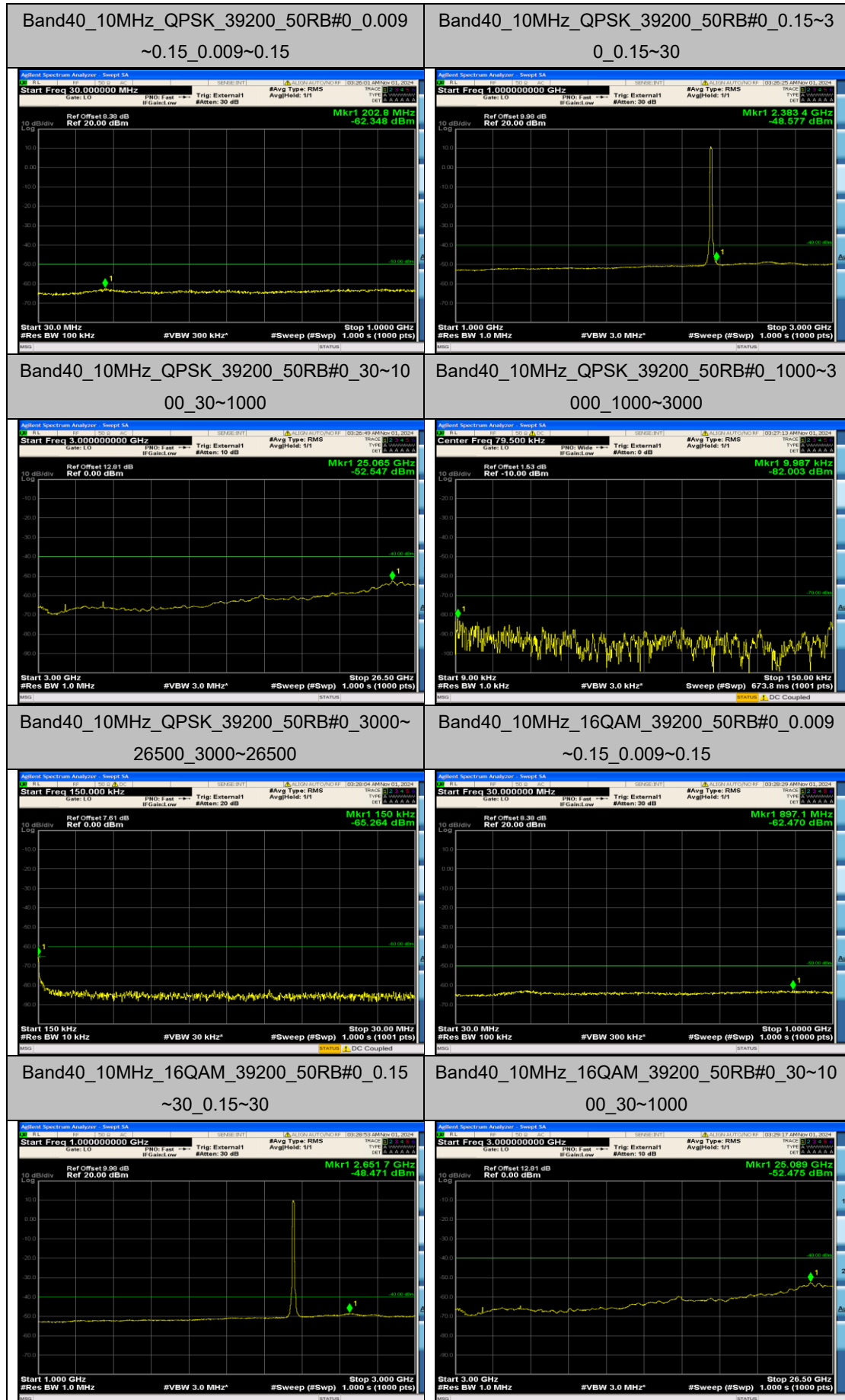
Band40_5MHz_QPSK_39200_25RB#0_0.009~0.
15_0.009~0.15











Band40_10MHz_16QAM_39200_50RB#0_1000 ~3000_1000~3000	Band40_10MHz_16QAM_39200_50RB#0_3000~ 26500_3000~26500
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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-30	7.98	0.003458	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-20	5.66	0.002453	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-10	9.58	0.004152	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	0	7.04	0.003051	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	10	-6.91	-0.002995	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	20	7.57	0.003281	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	30	15.56	0.006743	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	40	4.92	0.002132	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	50	-5.21	-0.002258	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38750	25RB#0	NV	-30	-9.90	-0.004286	±2.5	PASS

2315)										
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	-20	-10.83	-0.004688	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	-10	-7.93	-0.003433	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	0	-9.57	-0.004143	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	10	-12.15	-0.005260	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	20	-7.84	-0.003394	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	30	-13.40	-0.005801	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	40	-13.59	-0.005883	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	50	-11.87	-0.005139	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-30	5.34	0.002309	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-20	15.31	0.006621	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-10	9.71	0.004199	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	0	4.41	0.001907	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	10	3.19	0.001379	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	20	-6.08	-0.002629	±2.5	PASS

Band40 (2305-2315)	5MHz	QPSK	38775	25RB#0	NV	30	-4.71	-0.002037	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38775	25RB#0	NV	40	5.85	0.002530	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38775	25RB#0	NV	50	6.54	0.002828	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	-30	5.99	0.002596	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	-20	8.03	0.003480	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	-10	-2.83	-0.001226	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	0	-6.25	-0.002709	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	10	-5.54	-0.002401	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	20	8.10	0.003510	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	30	-5.62	-0.002436	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	40	8.53	0.003697	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	50	4.01	0.001738	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-30	-8.94	-0.003870	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-20	-11.27	-0.004879	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-10	-12.90	-0.005584	±2.5	PASS

(2305-2315)										
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	0	-9.88	-0.004277	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	10	-12.53	-0.005424	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	20	-11.82	-0.005117	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	30	-12.49	-0.005407	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	40	-5.62	-0.002433	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	50	-9.31	-0.004030	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-30	-5.62	-0.002430	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-20	-3.25	-0.001405	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-10	-6.05	-0.002616	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	0	4.26	0.001842	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	10	5.82	0.002517	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	20	-8.08	-0.003494	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	30	-11.04	-0.004774	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	40	5.06	0.002188	±2.5	PASS

2315)										
Band40 (2305- 2315)	5MHz	16QAM	38775	25RB#0	NV	50	6.95	0.003005	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-30	-11.43	-0.004948	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-20	-12.03	-0.005208	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-10	-13.26	-0.005740	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	0	-13.85	-0.005996	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	10	-12.90	-0.005584	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	20	-11.09	-0.004801	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	30	-10.66	-0.004615	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	40	-10.29	-0.004455	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	50	-14.73	-0.006377	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-30	-17.24	-0.007463	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-20	-12.22	-0.005290	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-10	-11.57	-0.005009	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	0	-12.23	-0.005294	±2.5	PASS

Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	10	-17.50	-0.007576	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	20	-12.32	-0.005333	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	30	-10.93	-0.004732	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	40	-12.29	-0.005320	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	50	-13.58	-0.005879	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-30	8.38	0.003562	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-20	13.39	0.005692	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-10	8.15	0.003464	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	0	10.91	0.004638	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	10	5.52	0.002346	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	20	2.95	0.001254	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	30	5.29	0.002249	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	40	5.39	0.002291	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	50	9.71	0.004128	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	NV	-30	-10.17	-0.004318	±2.5	PASS

(2350-2360)										
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-20	-11.93	-0.005066	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-10	-12.30	-0.005223	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	-15.45	-0.006561	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	-10.17	-0.004318	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	-9.46	-0.004017	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	-10.67	-0.004531	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	40	-11.64	-0.004943	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	50	-7.70	-0.003270	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-30	-5.95	-0.002524	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-20	-5.56	-0.002358	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-10	-6.47	-0.002744	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	0	4.99	0.002117	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	10	-6.27	-0.002660	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	20	-5.05	-0.002142	±2.5	PASS

2360)										
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	30	-5.78	-0.002452	±2.5	PASS
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	40	-9.13	-0.003873	±2.5	PASS
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	50	-7.07	-0.002999	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-30	7.50	0.003188	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-20	4.66	0.001981	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-10	5.55	0.002359	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	0	6.58	0.002797	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	10	-5.66	-0.002406	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	20	2.66	0.001131	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	30	5.66	0.002406	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	40	7.05	0.002997	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	50	4.45	0.001892	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39200	25RB#0	NV	-30	-10.37	-0.004403	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39200	25RB#0	NV	-20	-8.98	-0.003813	±2.5	PASS

Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-10	-14.42	-0.006123	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	-9.20	-0.003907	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	-15.48	-0.006573	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	-6.87	-0.002917	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	-10.36	-0.004399	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	40	-11.23	-0.004769	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	50	-10.03	-0.004259	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-30	-4.36	-0.001849	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-20	-6.64	-0.002817	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-10	6.12	0.002596	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	0	-5.92	-0.002511	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	10	-8.54	-0.003622	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	20	-8.68	-0.003682	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	30	-8.64	-0.003665	±2.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	NV	40	-5.16	-0.002189	±2.5	PASS

(2350-2360)										
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	50	-6.44	-0.002732	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	-11.63	-0.004938	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	-8.10	-0.003439	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	-7.02	-0.002981	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	-10.21	-0.004335	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	-12.43	-0.005278	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	-10.73	-0.004556	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	-12.23	-0.005193	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	-12.32	-0.005231	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	-10.31	-0.004378	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-30	-8.87	-0.003766	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-20	-13.63	-0.005788	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-10	-7.78	-0.003304	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	-11.73	-0.004981	±2.5	PASS

2360)										
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	10	-11.64	-0.004943	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	20	-11.53	-0.004896	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	30	-7.71	-0.003274	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	40	-7.45	-0.003163	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	50	-10.36	-0.004399	±2.5	PASS

Appendix I: Duty Cycle

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Duty Cycle(%)	Verdict
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	29.54	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	29.60	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	29.67	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	29.60	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	29.72	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	29.72	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	29.60	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	29.67	PASS

Test Graphs

