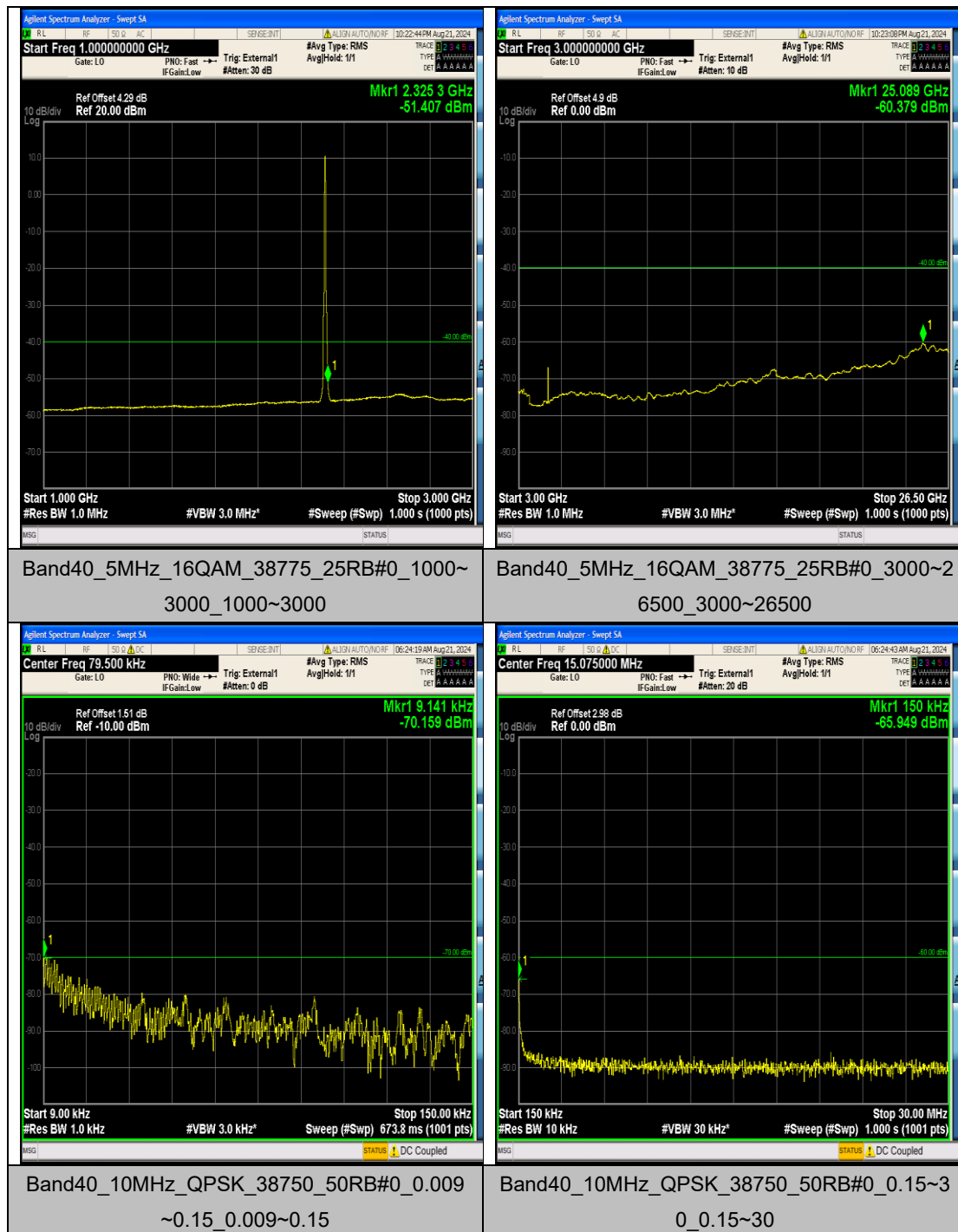
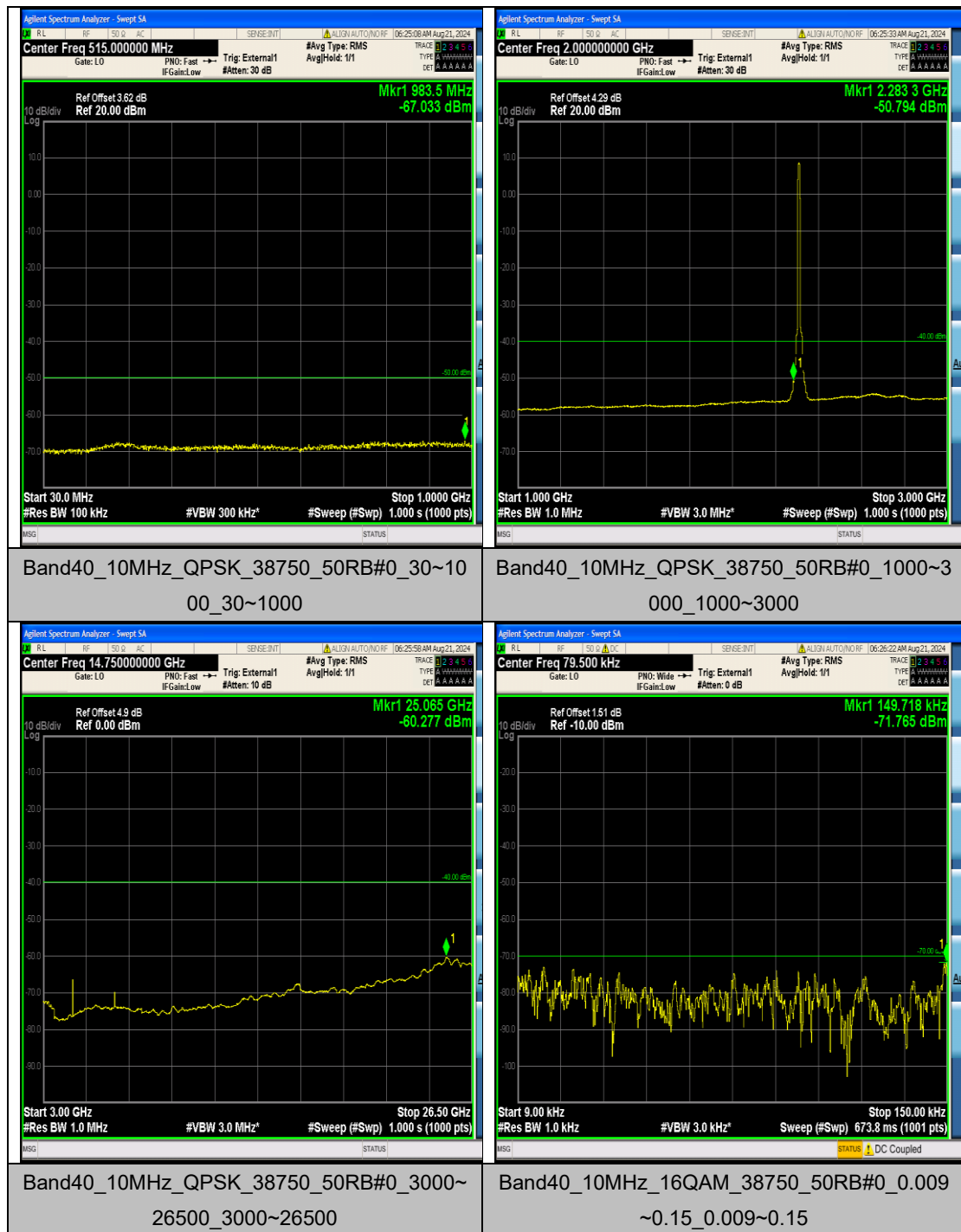
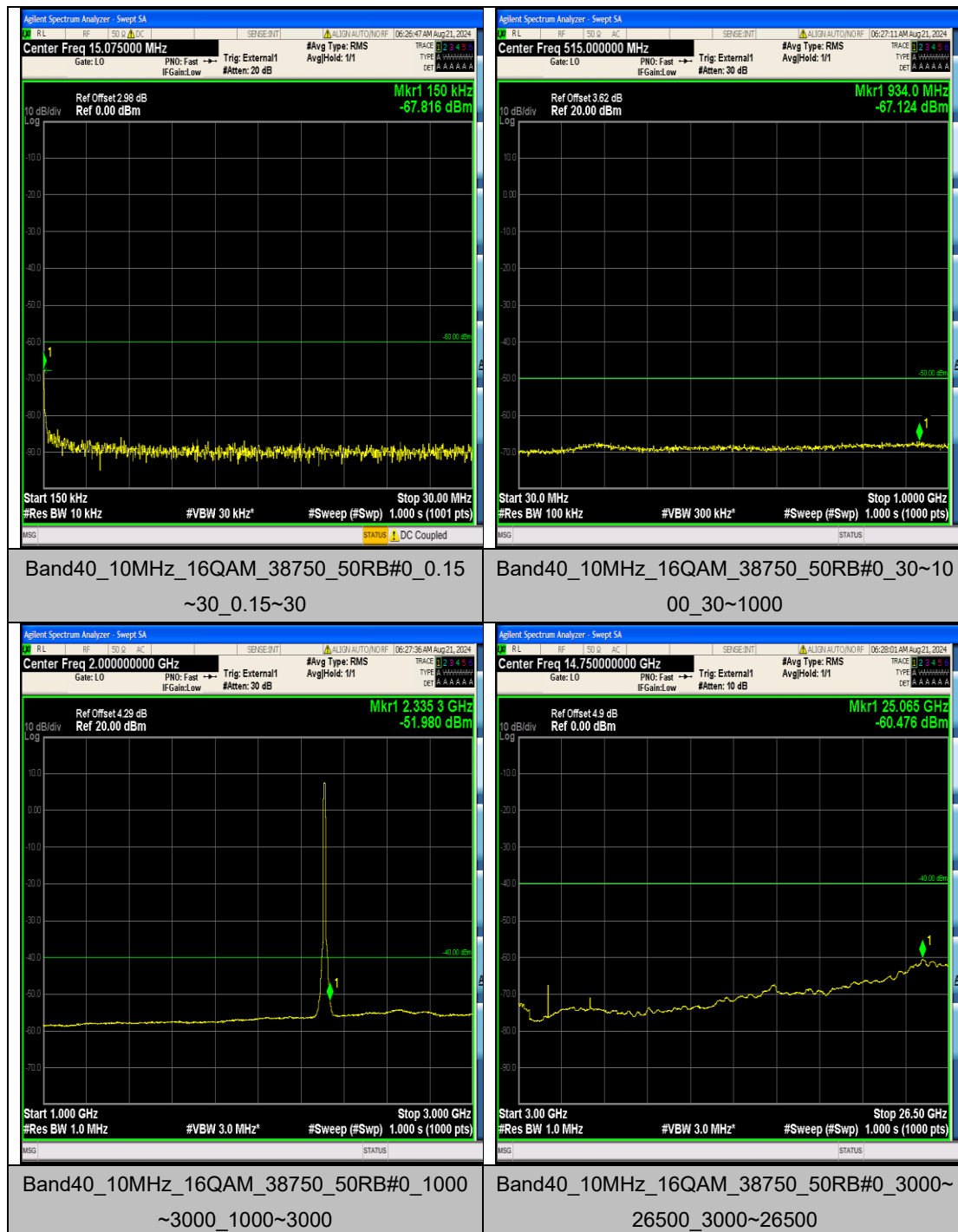
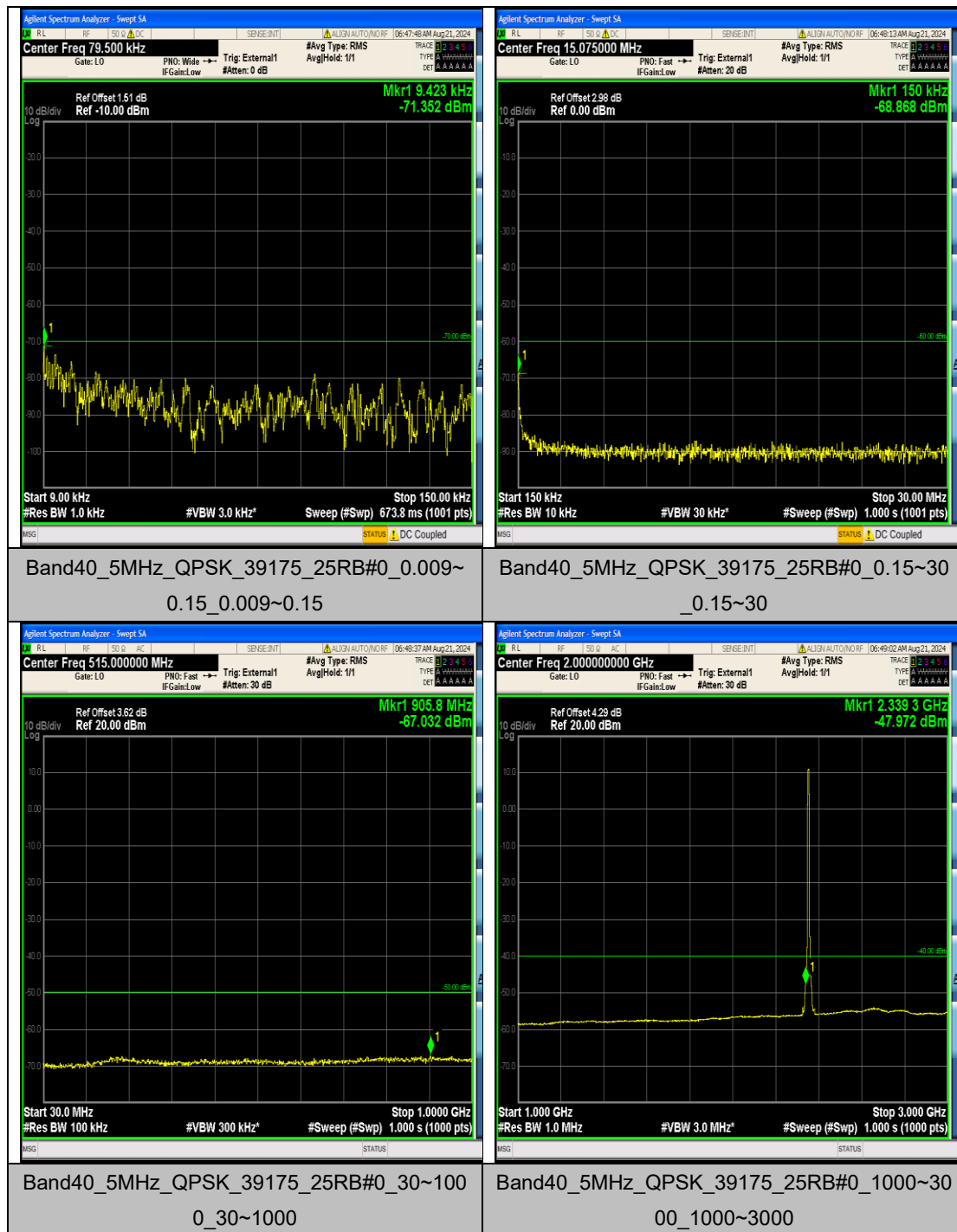
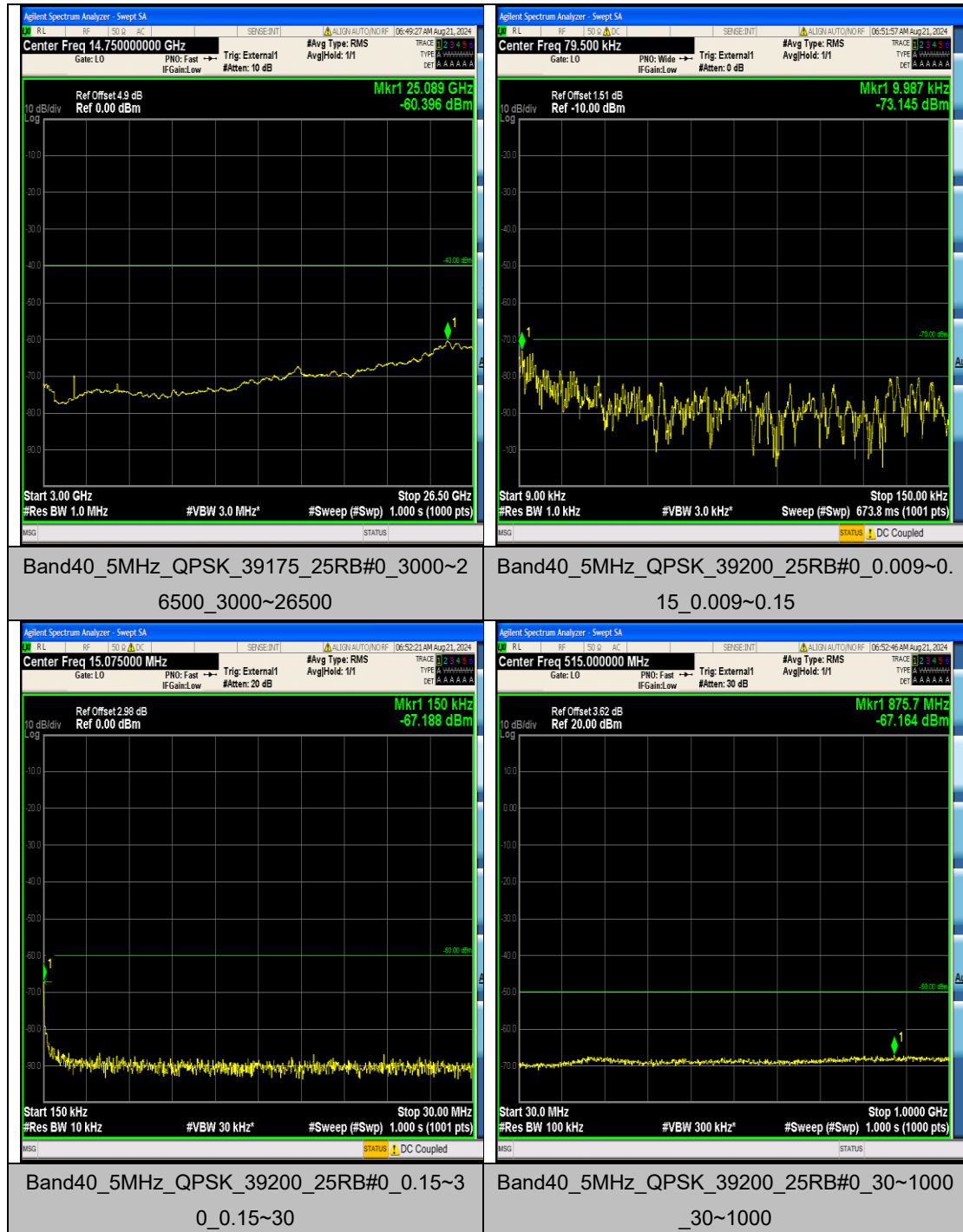


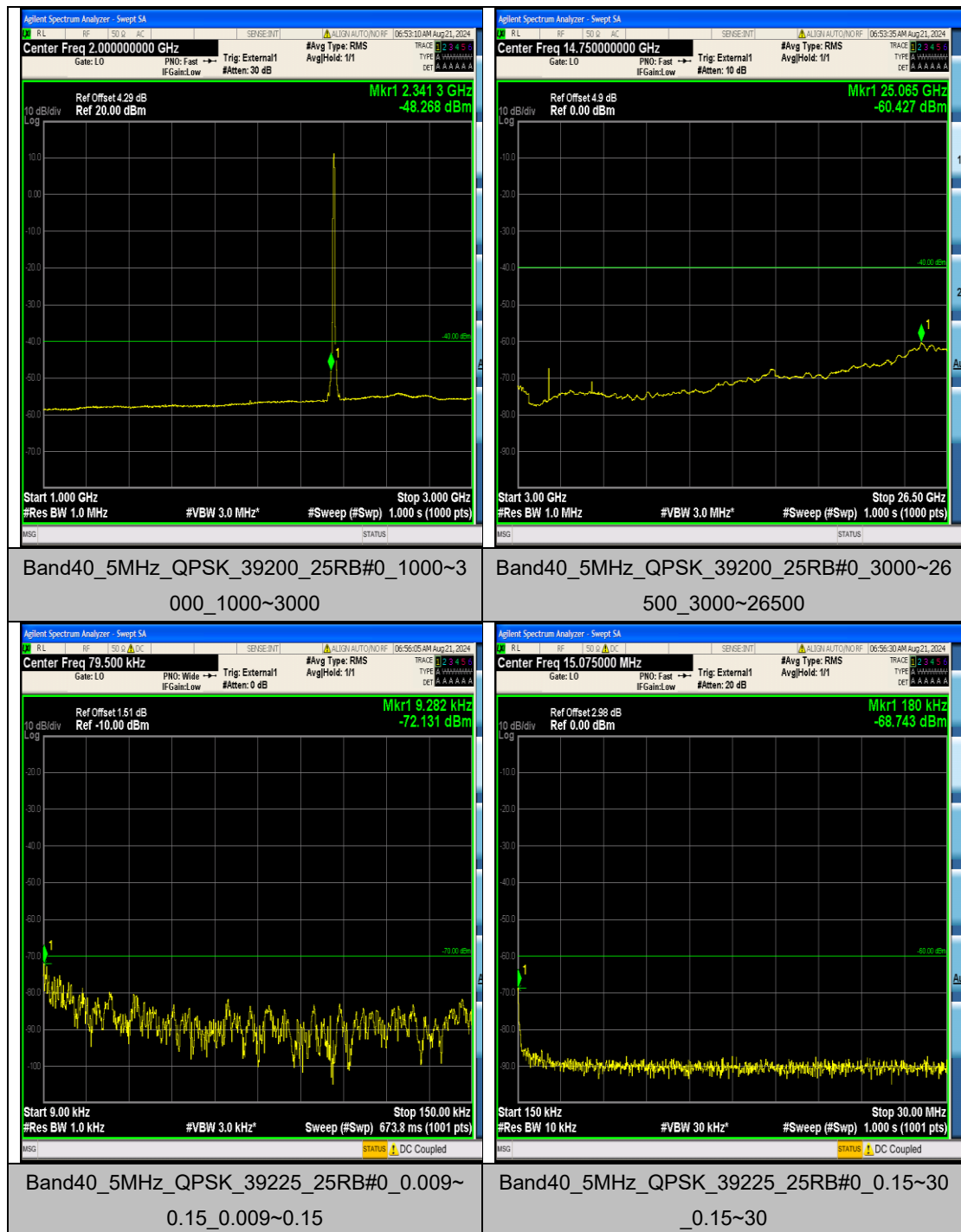


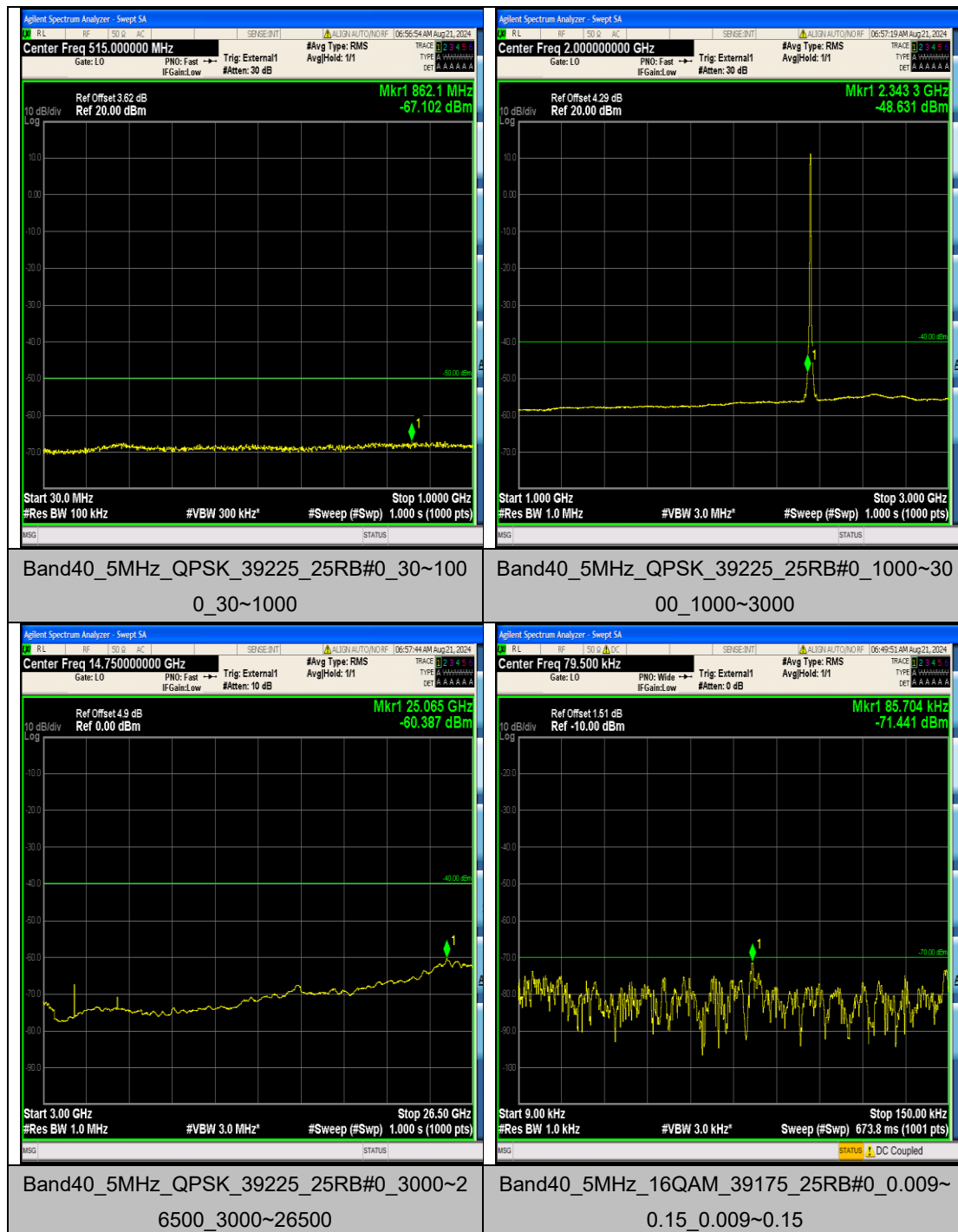


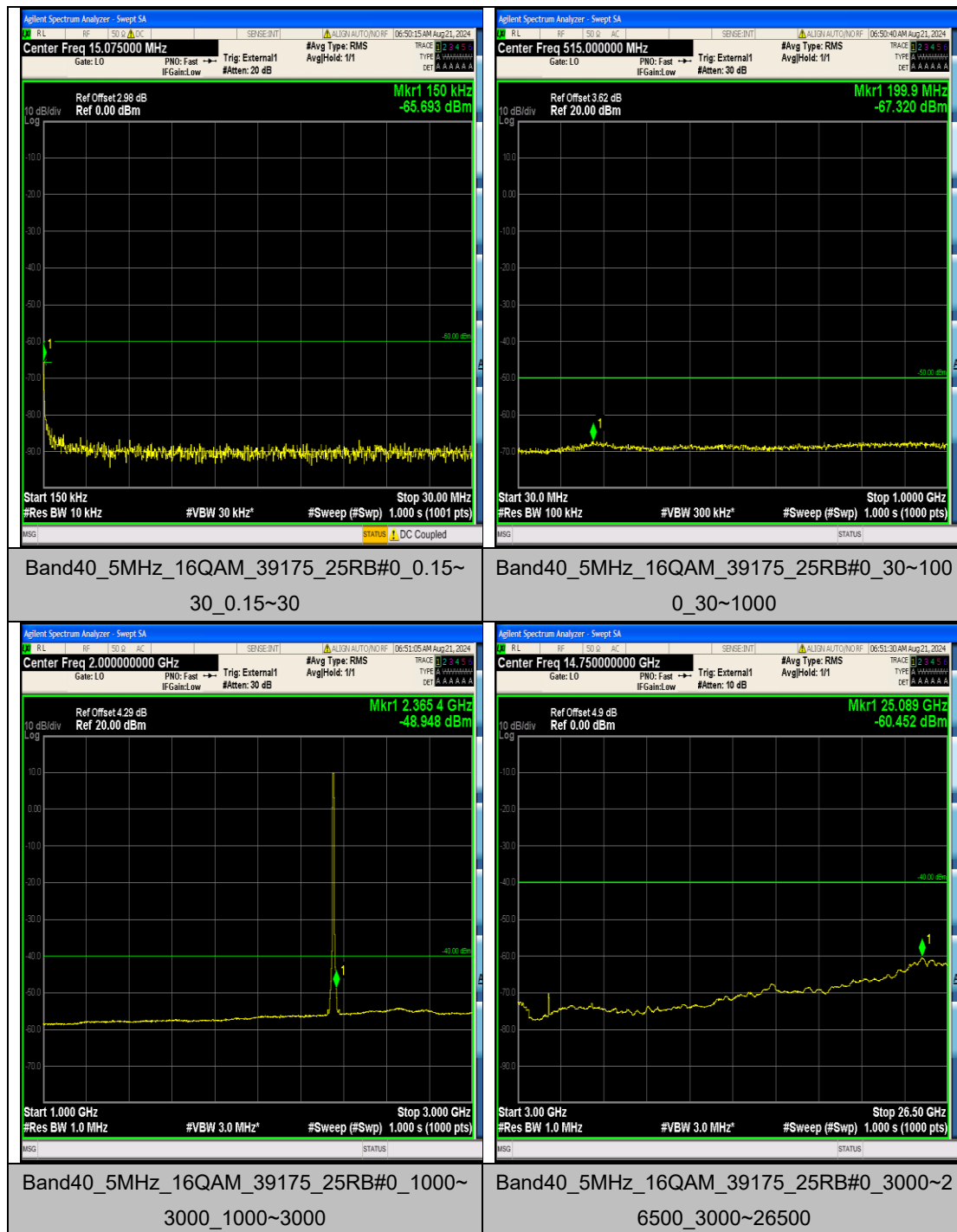


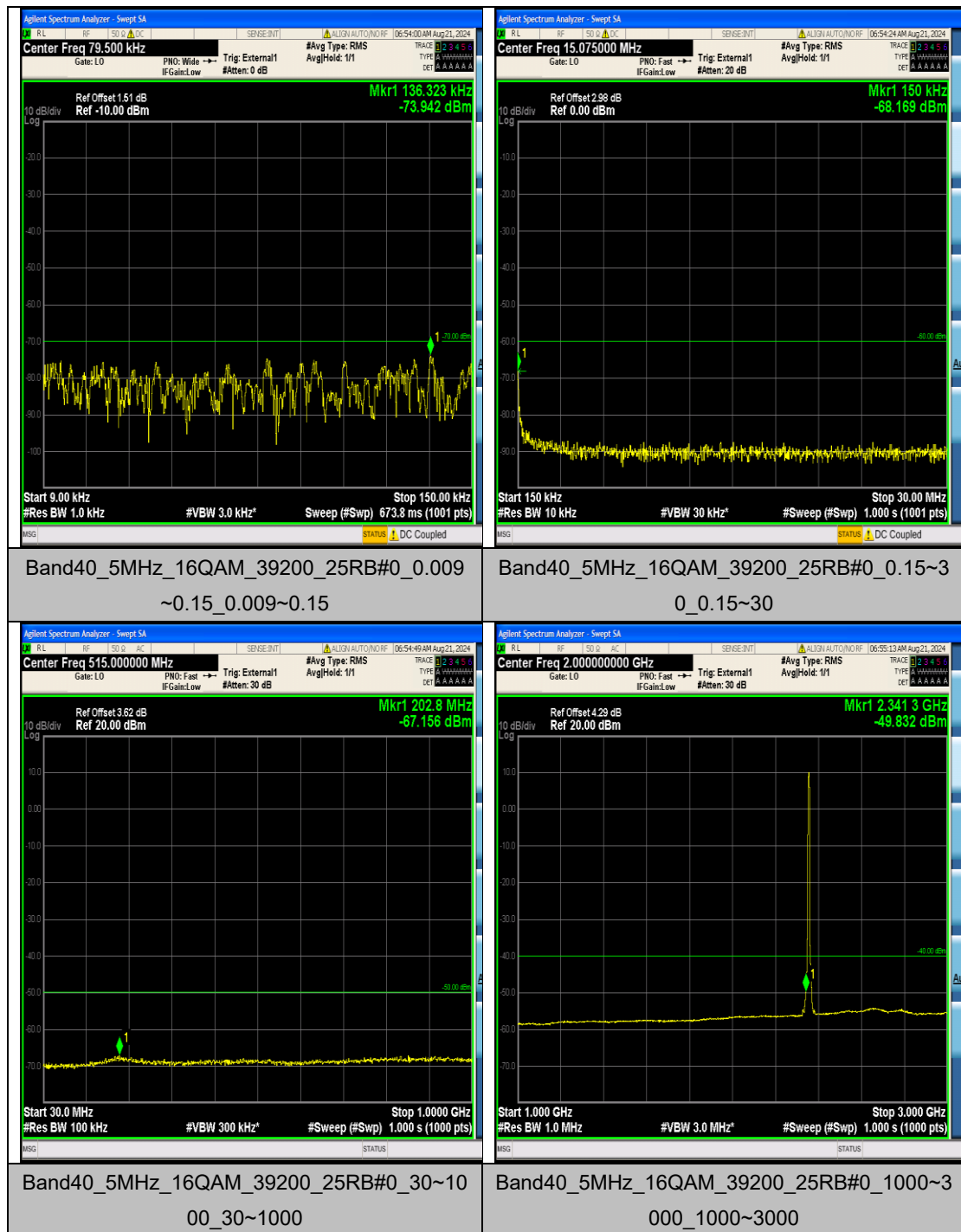


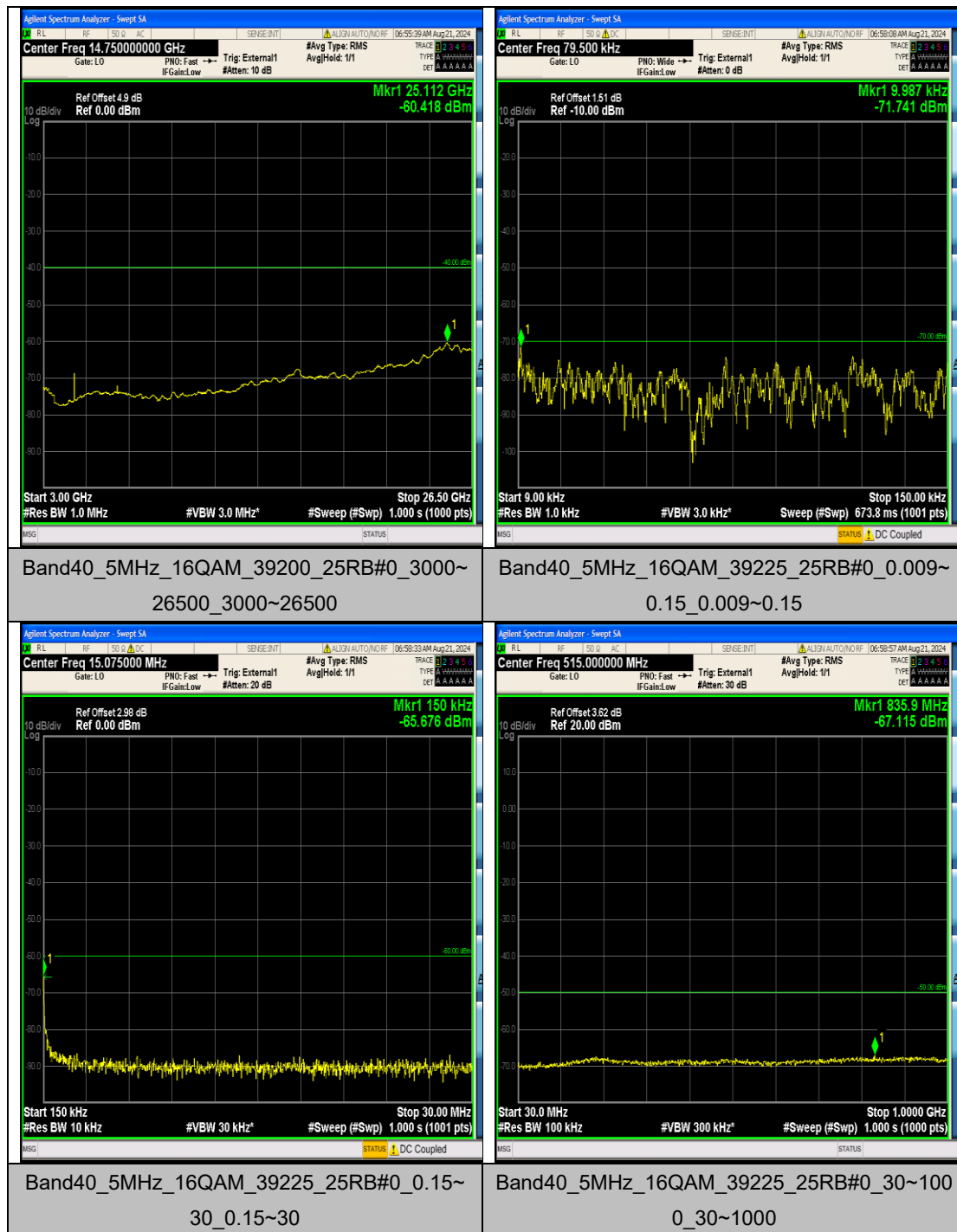


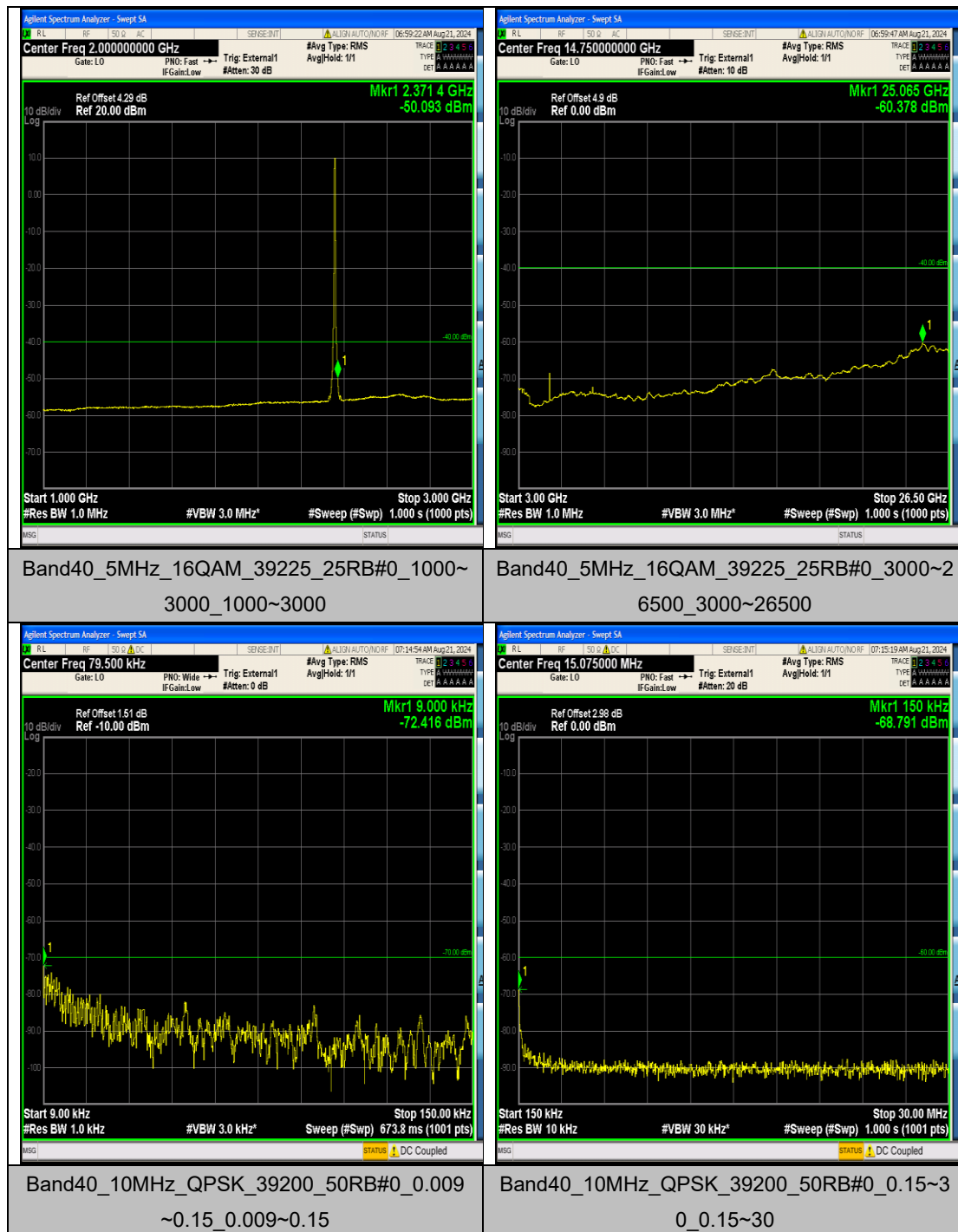


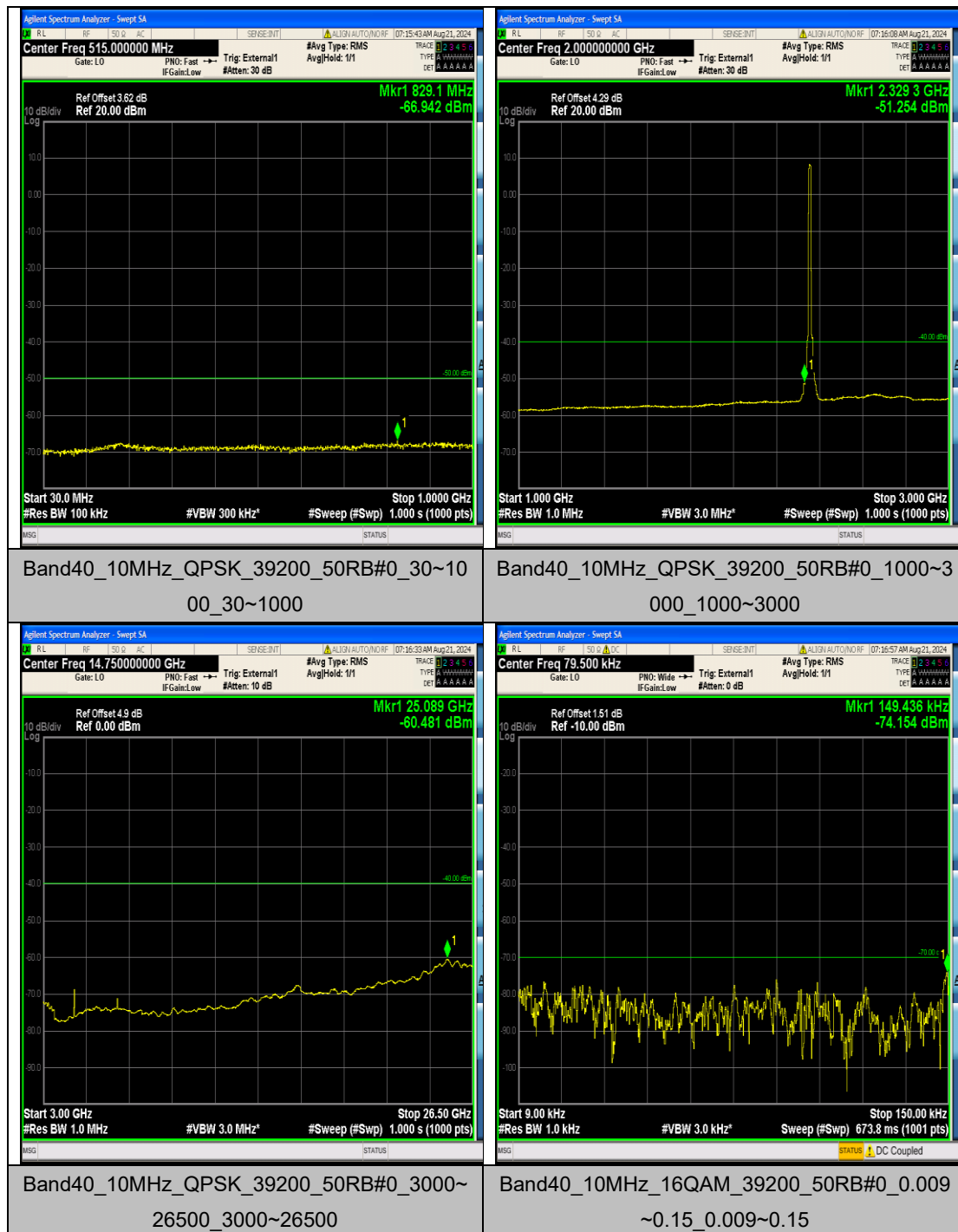


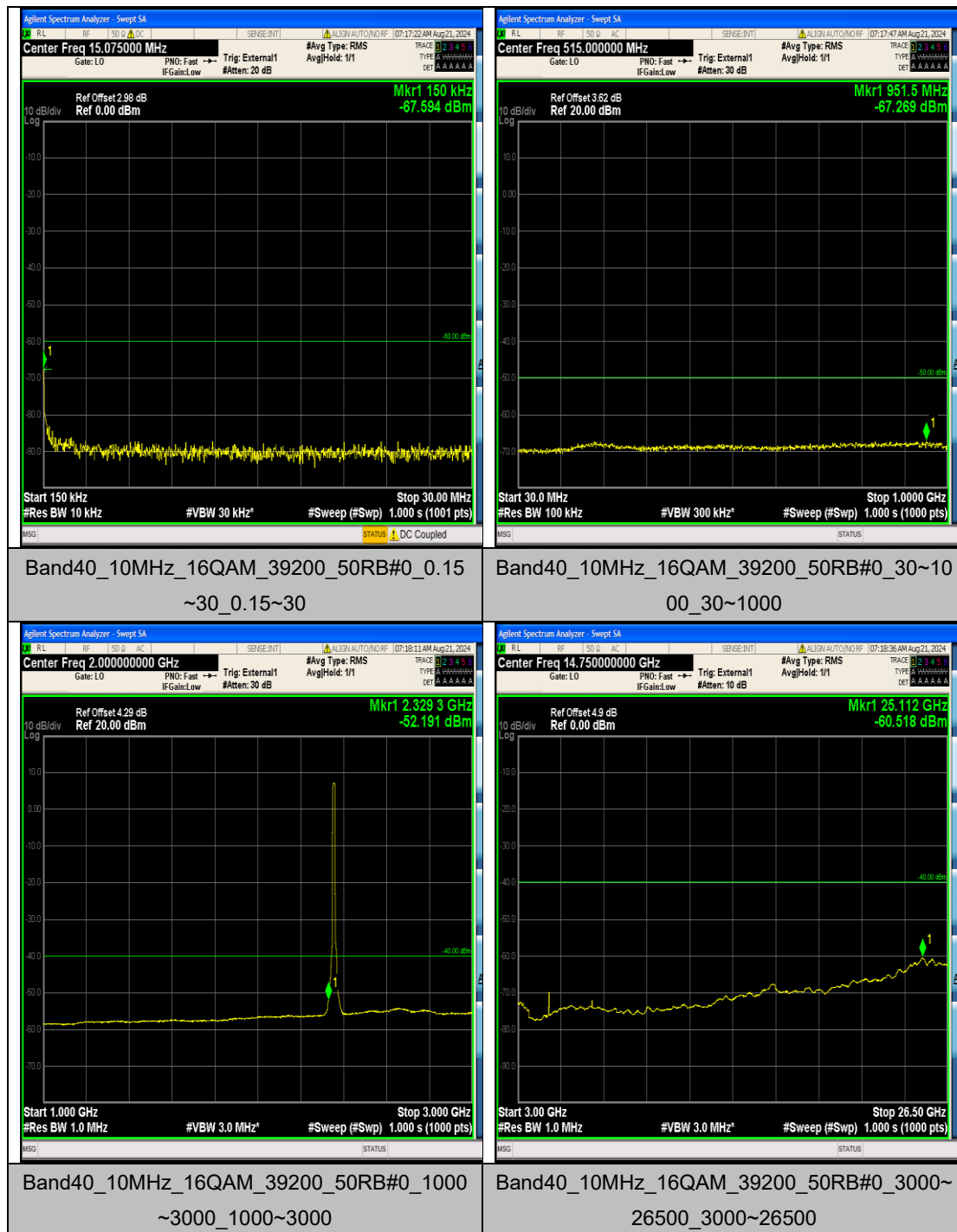












Appendix F: Frequency Stability

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	-17.77	-0.007701	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-20	-35.83	-0.015528	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-10	-24.29	-0.010527	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	0	-35.02	-0.015177	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	10	-27.05	-0.011723	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	20	-39.60	-0.017161	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	30	-29.47	-0.012771	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	40	-40.53	-0.017564	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	50	-44.23	-0.019168	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38750	25RB#0	NV	-30	-30.90	-0.013377	±2.5	PASS

2315)										
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	-20	22.65	0.009805	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	-10	-25.39	-0.010991	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	0	-33.99	-0.014714	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	10	21.73	0.009407	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	20	-21.53	-0.009320	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	30	-31.67	-0.013710	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	40	-34.52	-0.014944	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	50	-11.26	-0.004874	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-30	-37.12	-0.016052	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-20	-48.21	-0.020848	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-10	-26.55	-0.011481	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	0	-22.99	-0.009942	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	10	-14.59	-0.006309	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	20	-31.16	-0.013475	±2.5	PASS

Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	30	-24.59	-0.010634	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	40	-57.46	-0.024848	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	50	14.03	0.006067	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	-30	-48.84	-0.021166	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	-20	-23.23	-0.010067	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	-10	-24.53	-0.010631	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	0	-36.85	-0.015970	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	10	-44.98	-0.019493	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	20	-56.73	-0.024585	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	30	-25.92	-0.011233	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	40	-15.44	-0.006691	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38725	25RB#0	NV	50	-25.32	-0.010973	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38750	25RB#0	NV	-30	-41.13	-0.017805	±2.5	PASS
Band40 (2305- 2315)	5MHz	16QAM	38750	25RB#0	NV	-20	-54.45	-0.023571	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-10	20.48	0.008866	±2.5	PASS

(2305-2315)										
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	0	-24.22	-0.010485	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	10	-45.69	-0.019779	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	20	-26.97	-0.011675	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	30	-39.12	-0.016935	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	40	-45.43	-0.019667	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	50	-15.16	-0.006563	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-30	-19.68	-0.008510	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-20	-33.95	-0.014681	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-10	-38.17	-0.016506	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	0	-39.12	-0.016917	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	10	-43.09	-0.018634	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	20	-28.05	-0.012130	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	30	29.21	0.012631	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	40	-32.42	-0.014019	±2.5	PASS

2315)										
Band40 (2305- 2315)	5MHz	16QAM	38775	25RB#0	NV	50	-43.62	-0.018863	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-30	-52.56	-0.022753	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-20	-22.97	-0.009944	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-10	-42.14	-0.018242	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	0	-15.44	-0.006684	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	10	-21.92	-0.009489	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	20	-14.66	-0.006346	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	30	21.51	0.009312	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	40	-48.21	-0.020870	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	50	-17.18	-0.007437	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-30	-42.29	-0.018307	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-20	-28.70	-0.012424	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-10	-42.84	-0.018545	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	0	-47.64	-0.020623	±2.5	PASS

Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	10	-45.63	-0.019753	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	20	-67.09	-0.029043	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	30	-15.78	-0.006831	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	40	-32.37	-0.014013	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	50	-47.22	-0.020442	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-30	-34.12	-0.014504	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-20	-17.27	-0.007341	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-10	-32.20	-0.013688	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	0	-37.21	-0.015817	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	10	-30.46	-0.012948	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	20	-28.20	-0.011987	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	30	-44.12	-0.018755	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	40	-33.62	-0.014291	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	50	-43.29	-0.018402	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	NV	-30	-30.71	-0.013040	±2.5	PASS

(2350-2360)										
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-20	-49.90	-0.021189	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-10	-38.65	-0.016412	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	-45.72	-0.019414	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	-34.63	-0.014705	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	-41.57	-0.017652	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	-18.17	-0.007715	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	40	-30.73	-0.013049	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	50	-49.15	-0.020870	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-30	-46.02	-0.019521	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-20	-41.48	-0.017595	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-10	-20.74	-0.008797	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	0	32.34	0.013718	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	10	-20.93	-0.008878	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	20	-32.70	-0.013871	±2.5	PASS

2360)										
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	30	-18.04	-0.007652	±2.5	PASS
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	40	-31.27	-0.013264	±2.5	PASS
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	50	-30.26	-0.012836	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-30	-48.37	-0.020561	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-20	-37.97	-0.016140	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-10	-24.58	-0.010448	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	0	-12.33	-0.005241	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	10	-44.42	-0.018882	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	20	-16.69	-0.007095	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	30	18.63	0.007919	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	40	-24.78	-0.010533	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	50	-27.02	-0.011486	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39200	25RB#0	NV	-30	-28.88	-0.012263	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39200	25RB#0	NV	-20	-48.69	-0.020675	±2.5	PASS

Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-10	-31.83	-0.013516	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	-61.43	-0.026085	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	-41.33	-0.017550	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	-34.80	-0.014777	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	-30.28	-0.012858	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	40	-31.73	-0.013473	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	50	-32.59	-0.013839	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-30	-31.87	-0.013519	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-20	-41.07	-0.017421	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-10	-33.85	-0.014358	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	0	-19.25	-0.008165	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	10	-11.52	-0.004887	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	20	-38.11	-0.016165	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	30	-18.05	-0.007656	±2.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	NV	40	13.82	0.005862	±2.5	PASS

(2350-2360)										
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	50	-38.08	-0.016153	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	26.06	0.011066	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	-19.07	-0.008098	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	-27.35	-0.011614	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	-40.86	-0.017350	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	-28.64	-0.012161	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	-22.43	-0.009524	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	8.08	0.003431	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	-43.44	-0.018446	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	-25.33	-0.010756	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-30	-37.58	-0.015958	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-20	-25.81	-0.010960	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-10	-25.05	-0.010637	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	-52.66	-0.022361	±2.5	PASS

2360)										
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	10	-30.76	-0.013062	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	20	-39.95	-0.016964	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	30	-35.98	-0.015278	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	40	-63.40	-0.026921	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	50	-24.92	-0.010582	±2.5	PASS