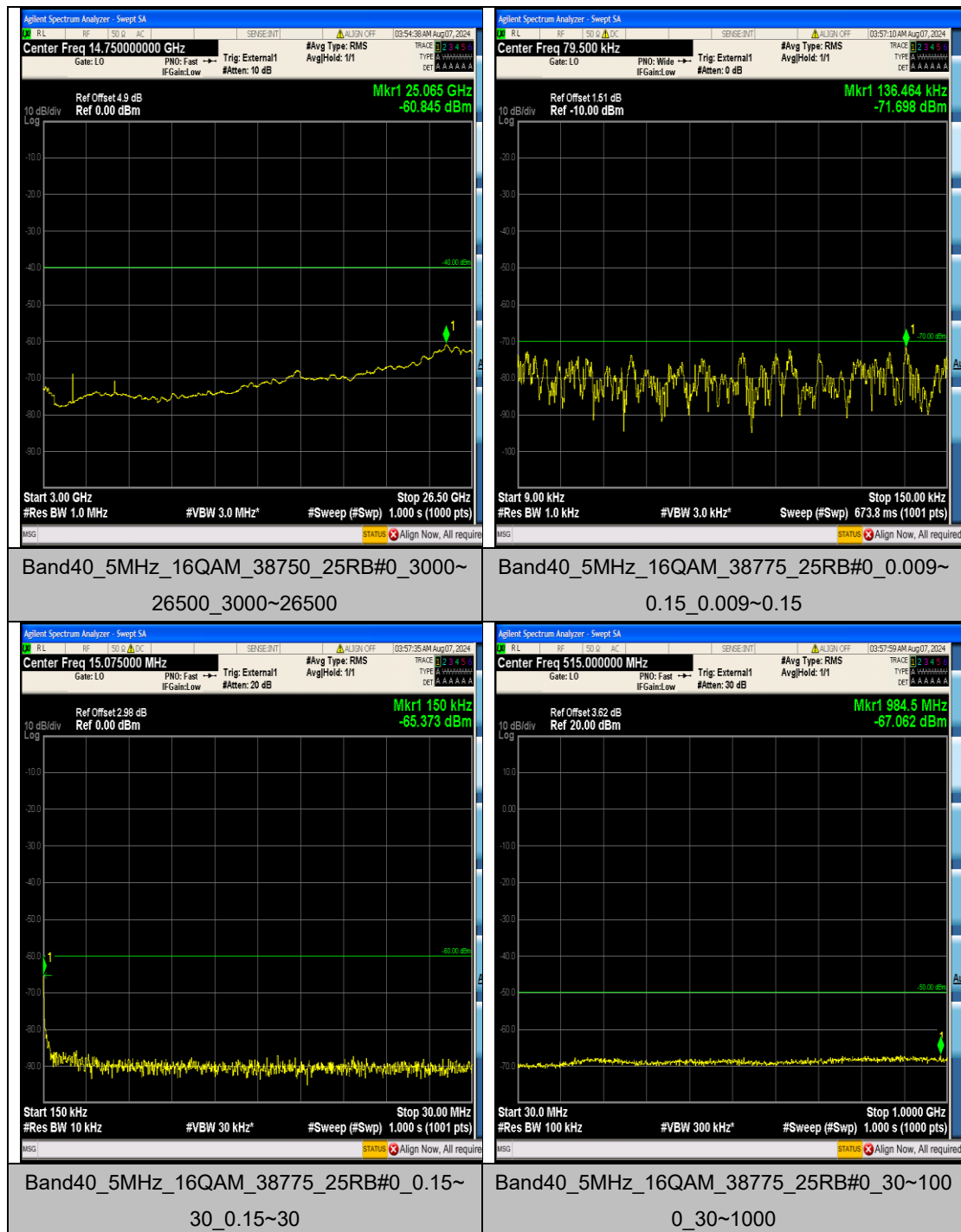
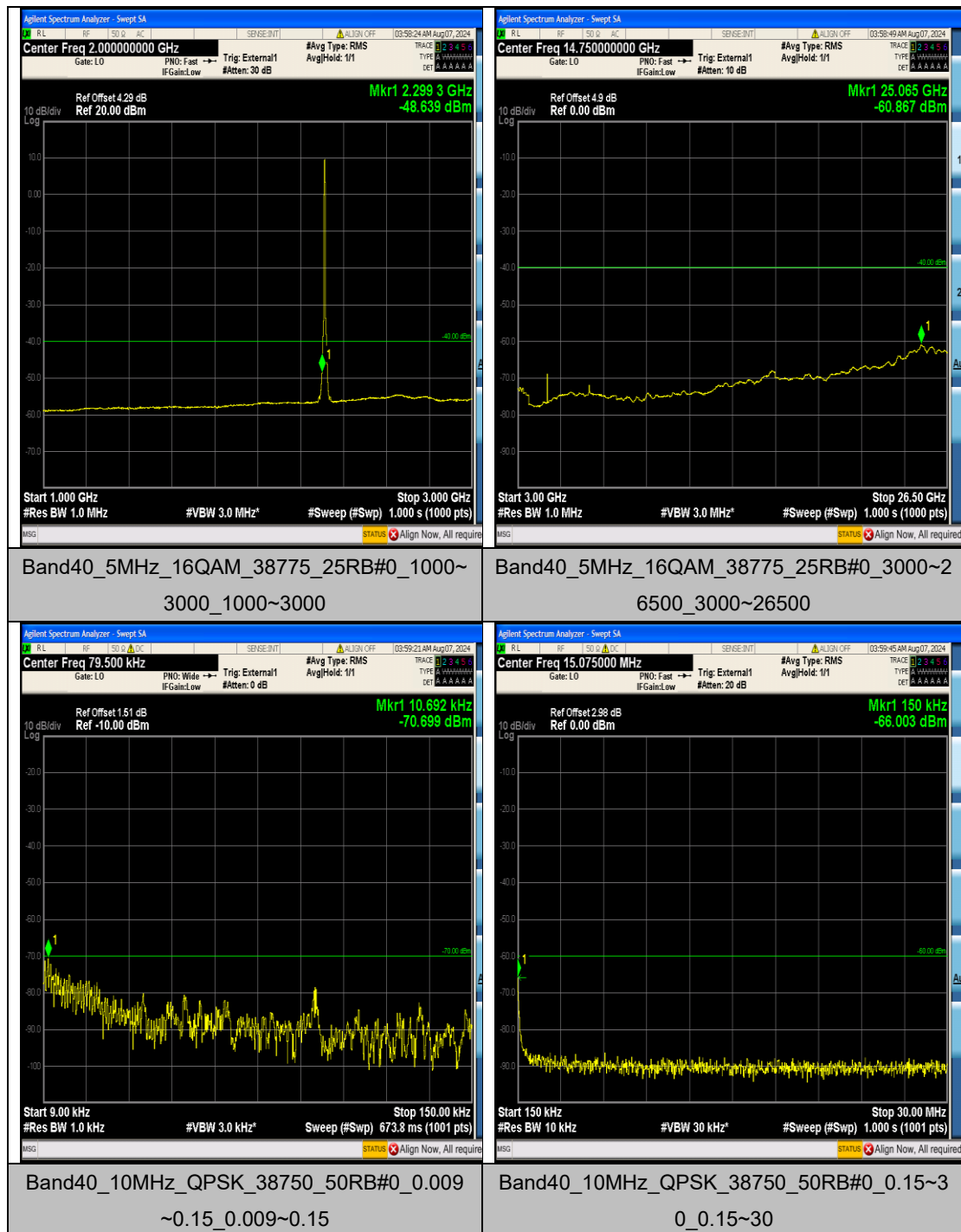
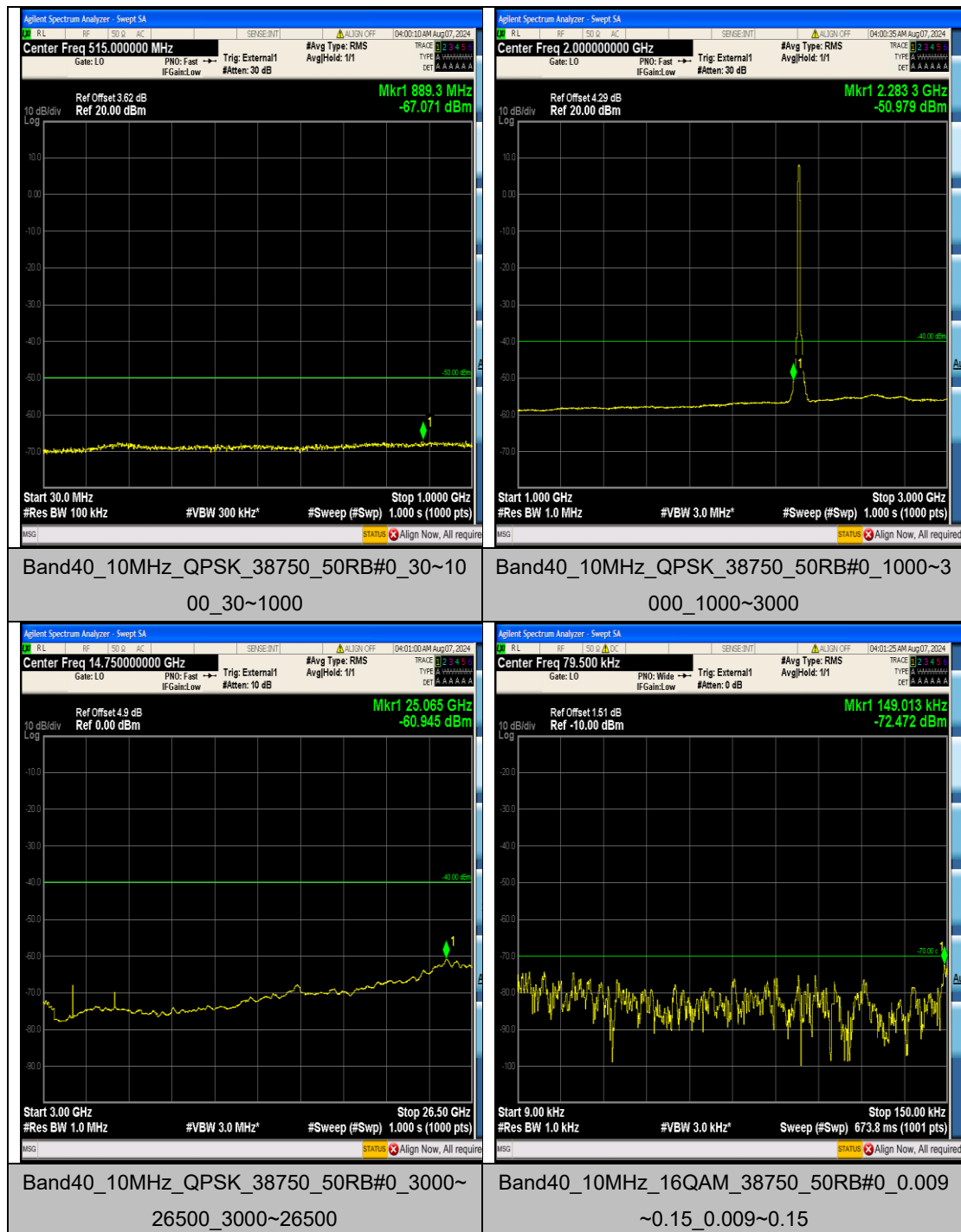
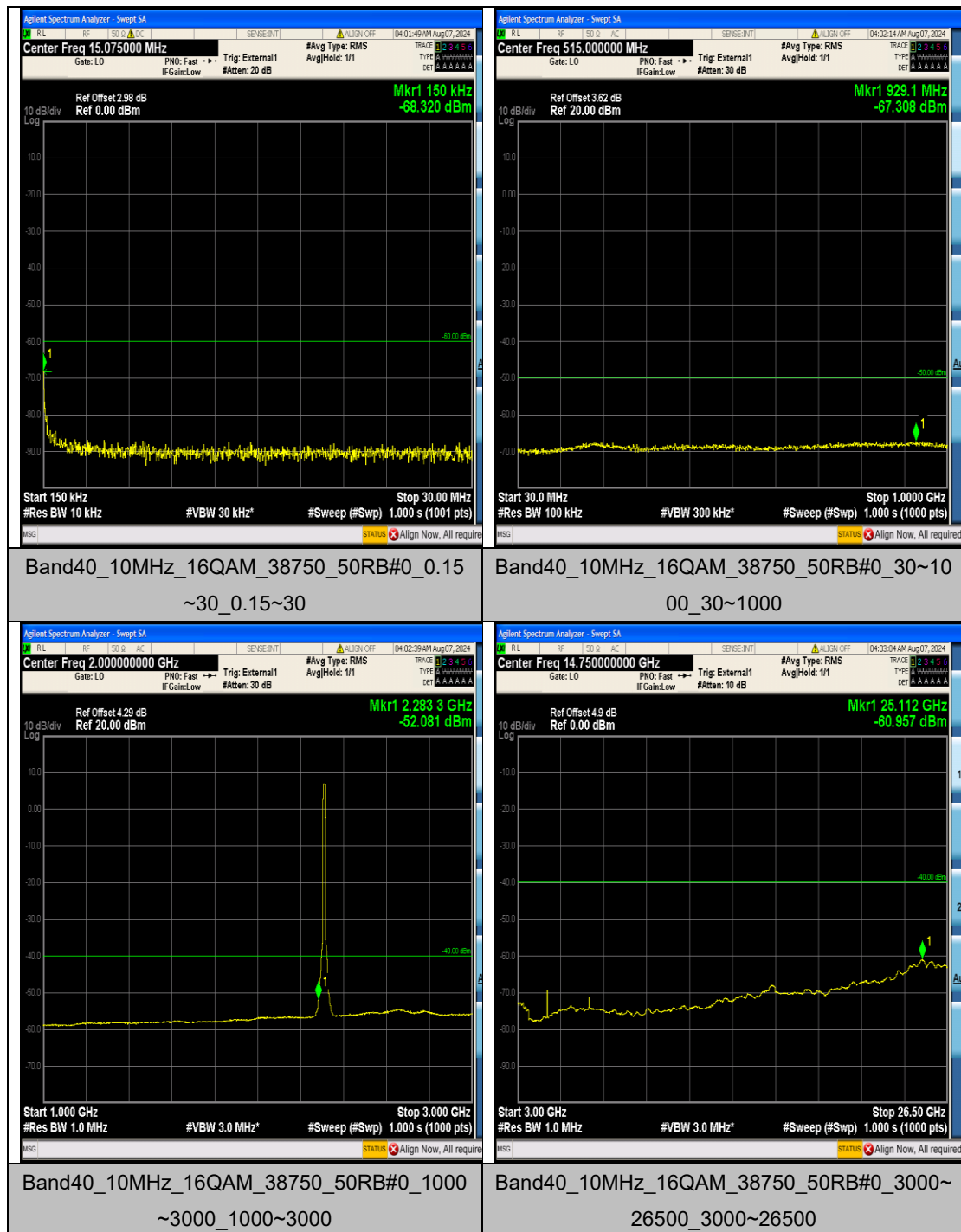
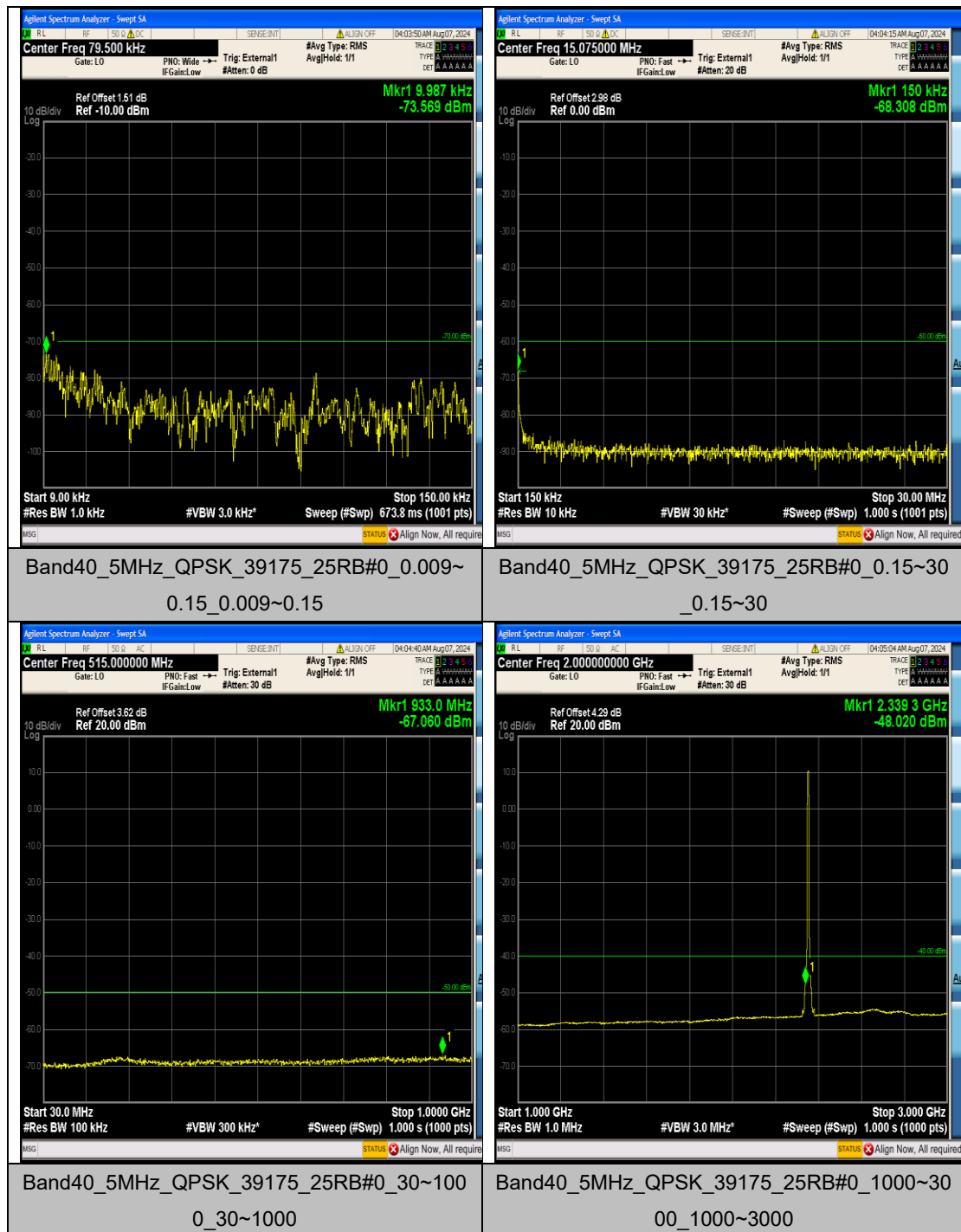


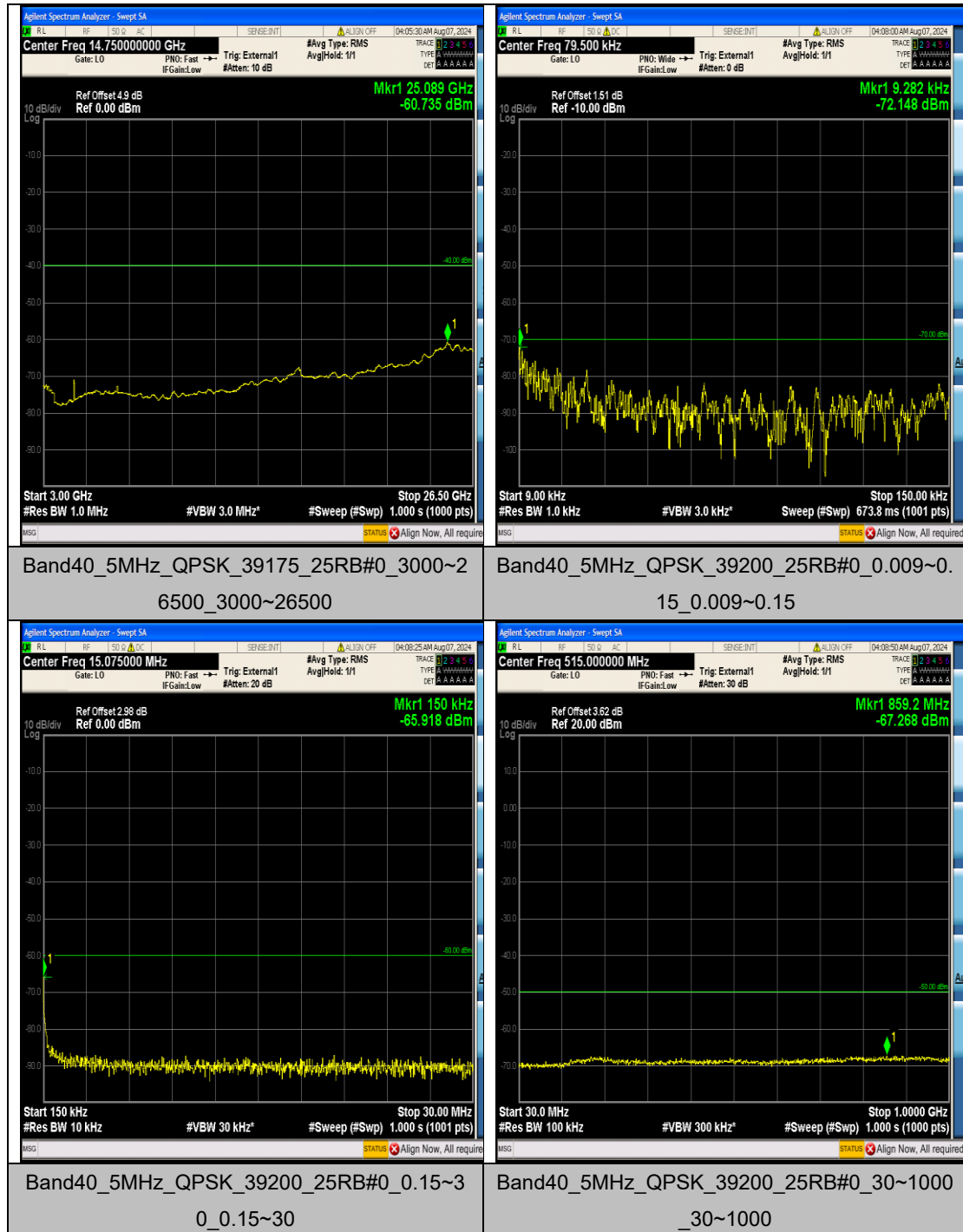


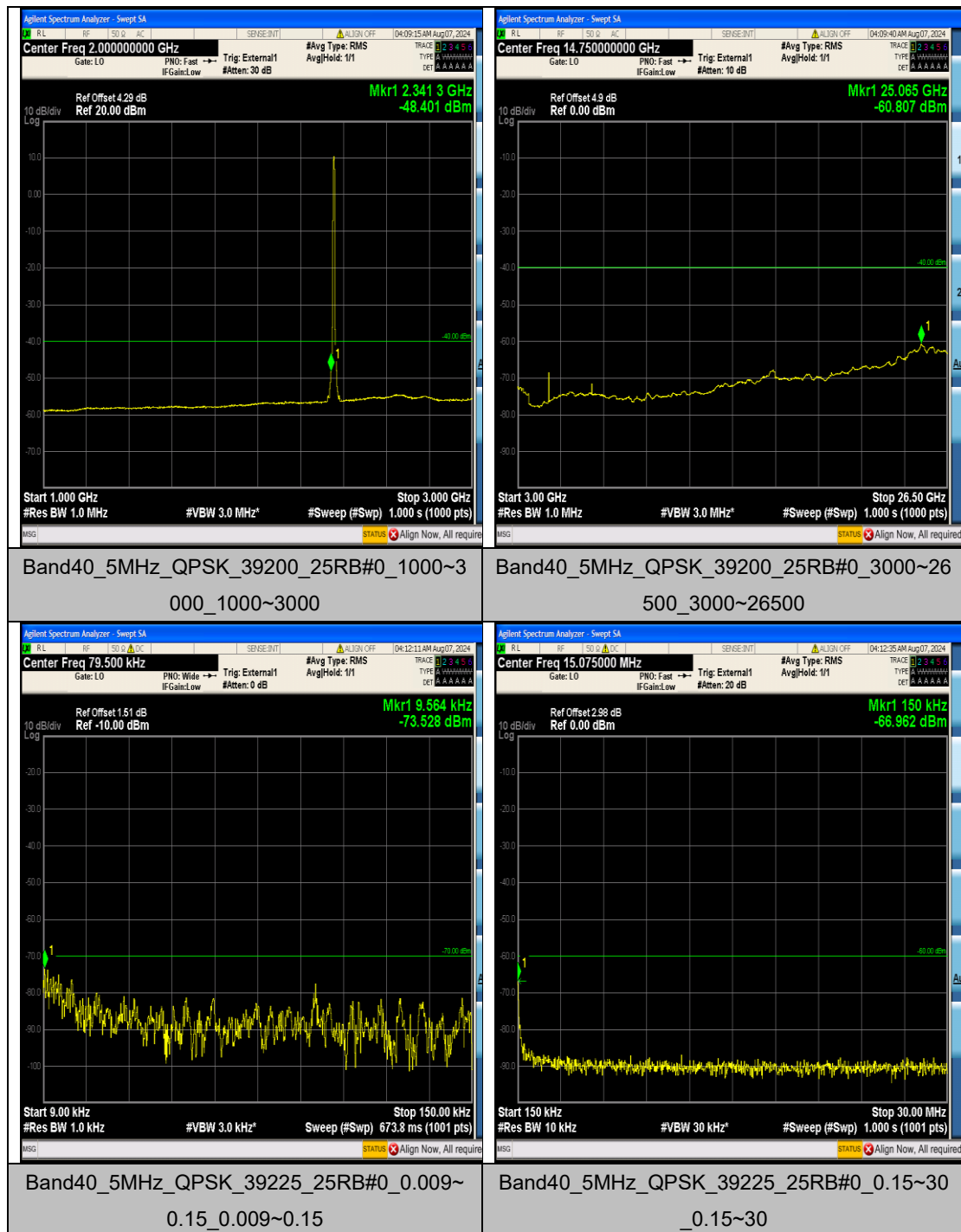


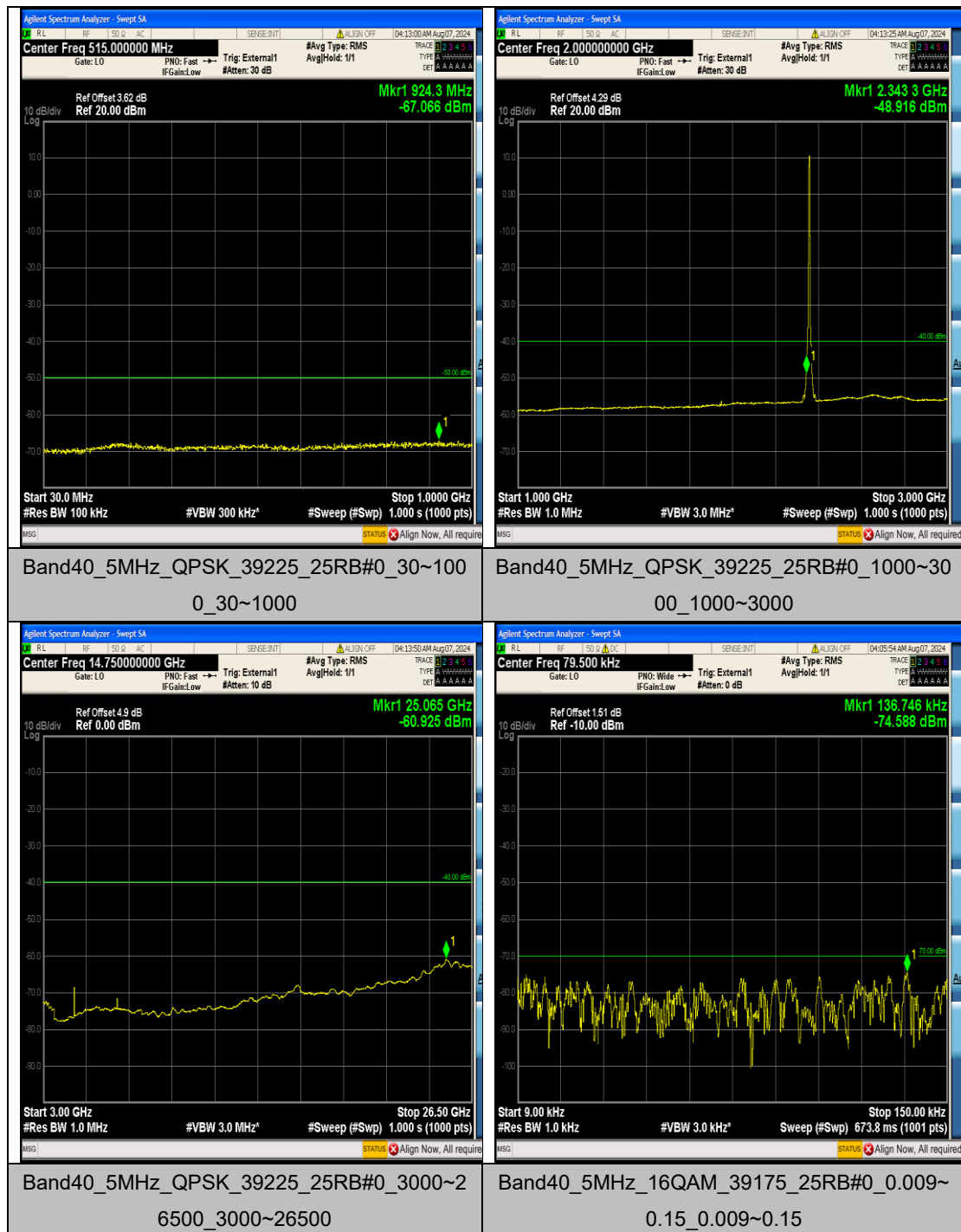


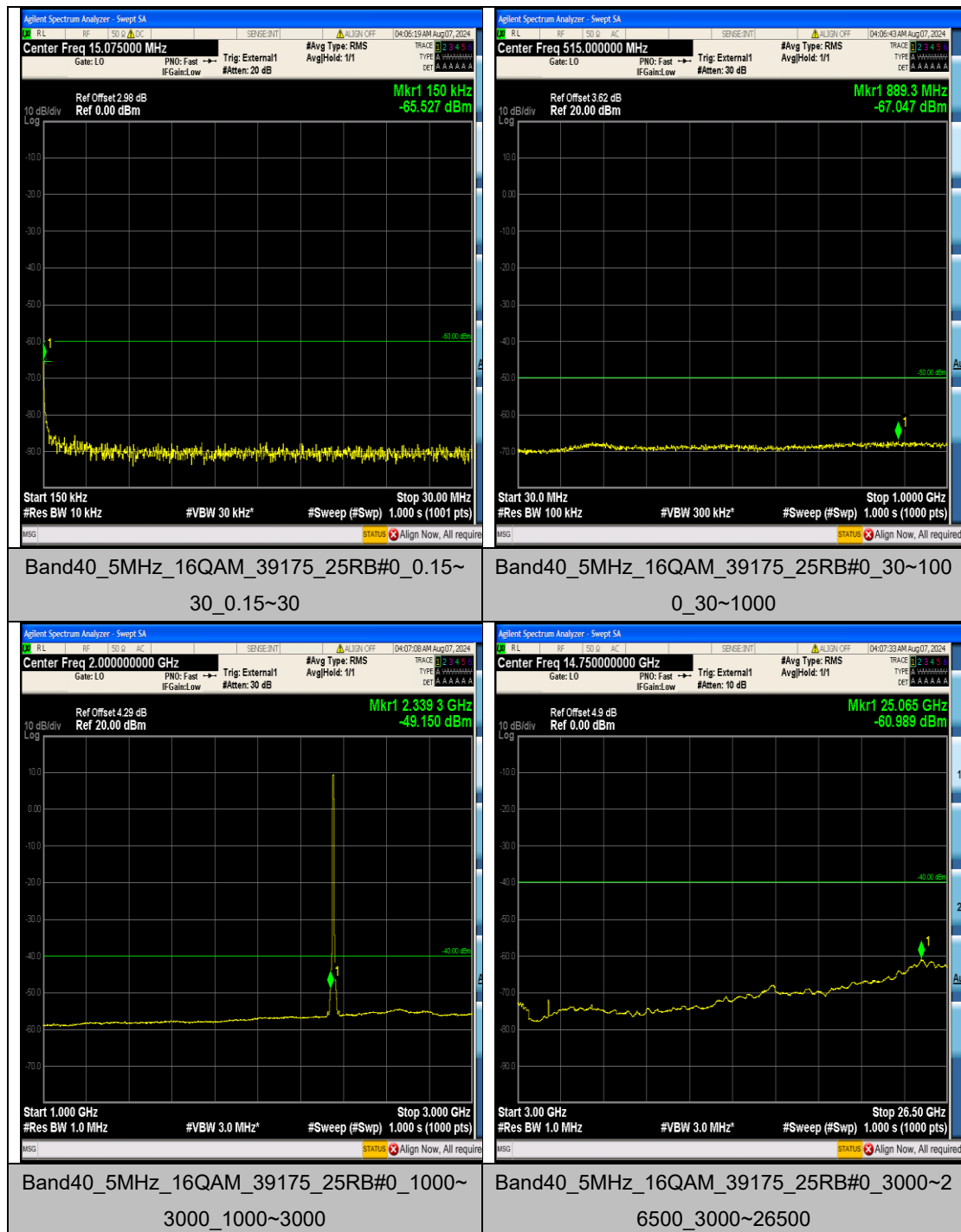


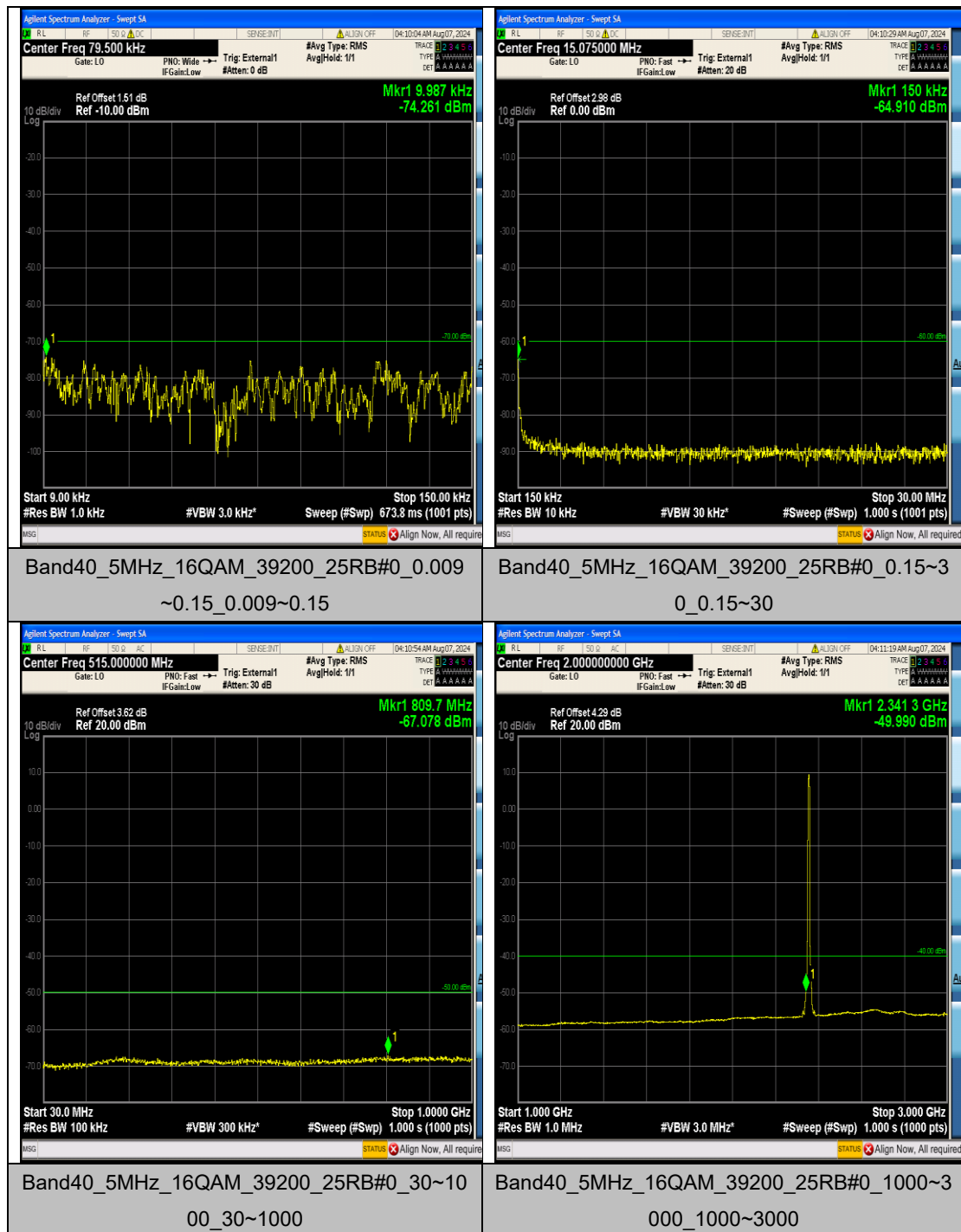


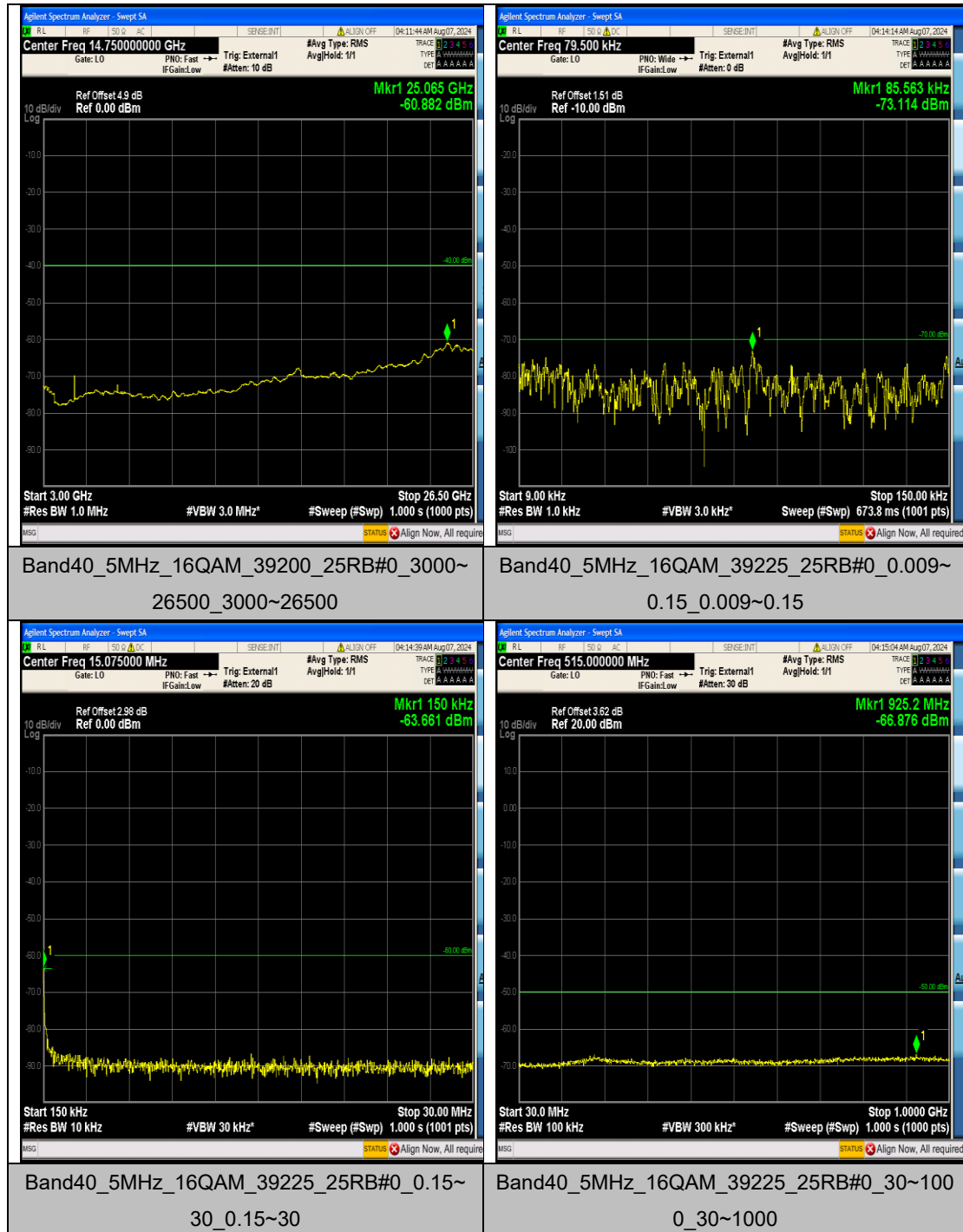


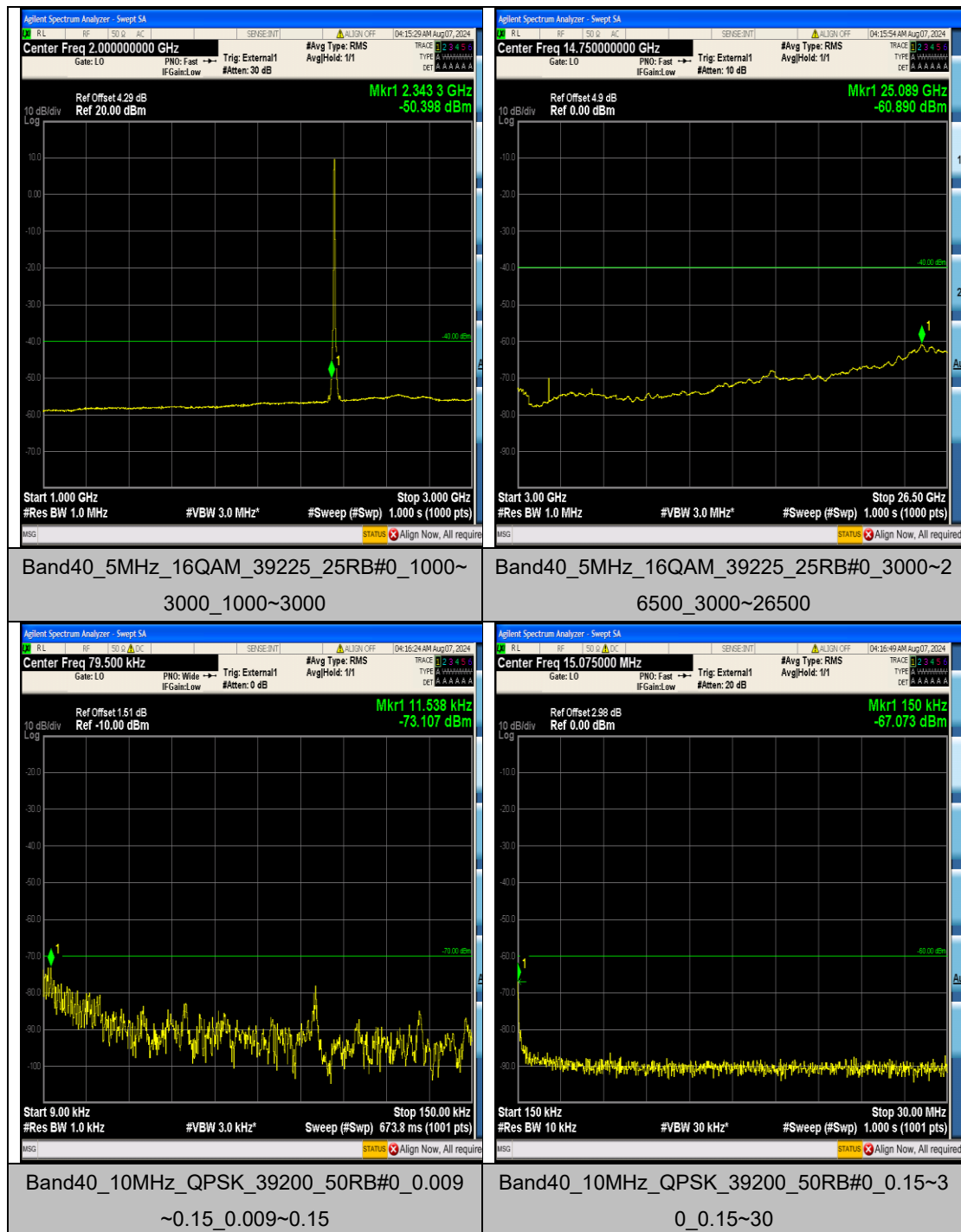


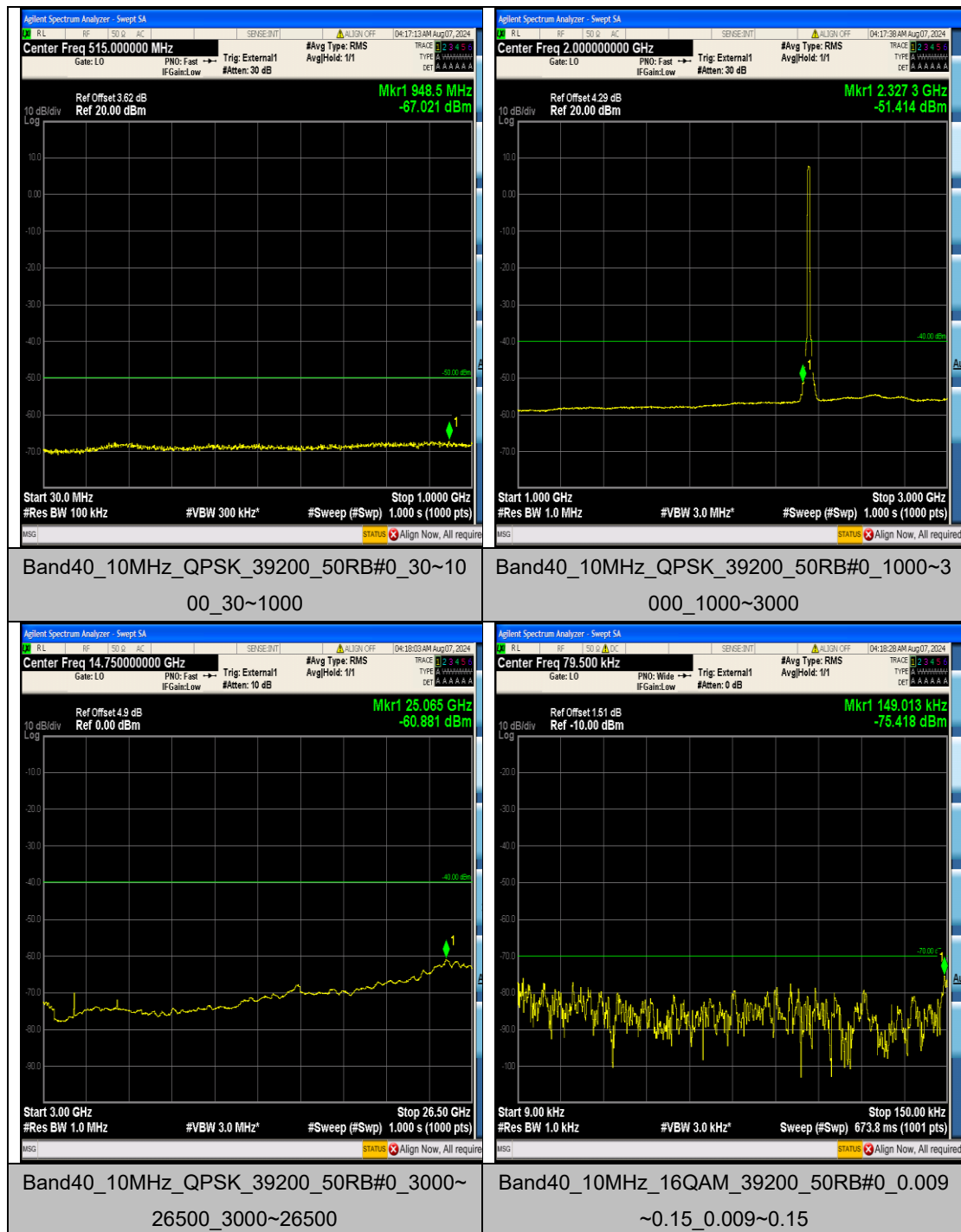


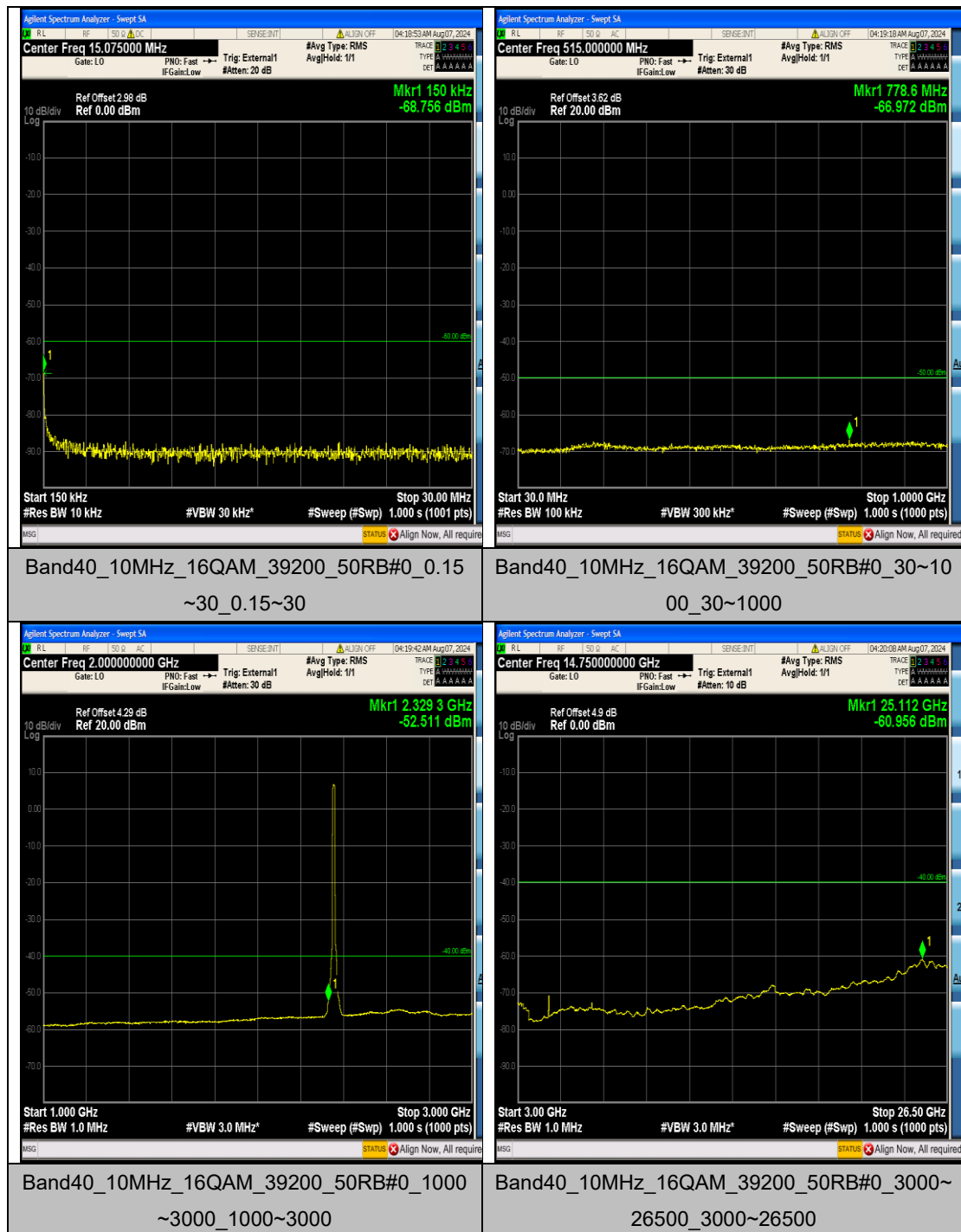












Appendix F: Frequency Stability

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	-10.73	-0.004650	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-20	-11.47	-0.004971	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	-10	-11.27	-0.004884	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	0	-8.31	-0.003601	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	10	-5.02	-0.002176	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	20	-12.03	-0.005213	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	30	-6.92	-0.002999	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	40	-6.85	-0.002969	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38725	25RB#0	NV	50	-6.14	-0.002661	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38750	25RB#0	NV	-30	-6.29	-0.002723	±2.5	PASS

2315)										
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	-20	-9.13	-0.003952	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	-10	-6.22	-0.002693	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	0	-5.91	-0.002558	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	10	-5.92	-0.002563	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	20	5.18	0.002242	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	30	-8.88	-0.003844	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	40	-9.00	-0.003896	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38750	25RB#0	NV	50	-10.01	-0.004333	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-30	-7.40	-0.003200	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-20	-12.19	-0.005271	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	-10	-13.45	-0.005816	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	0	-10.86	-0.004696	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	10	-9.76	-0.004221	±2.5	PASS
Band40 (2305- 2315)	5MHz	QPSK	38775	25RB#0	NV	20	-9.73	-0.004208	±2.5	PASS

Band40 (2305-2315)	5MHz	QPSK	38775	25RB#0	NV	30	-11.46	-0.004956	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38775	25RB#0	NV	40	-12.39	-0.005358	±2.5	PASS
Band40 (2305-2315)	5MHz	QPSK	38775	25RB#0	NV	50	-9.20	-0.003978	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	-30	-9.76	-0.004230	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	-20	-10.81	-0.004685	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	-10	-5.72	-0.002479	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	0	-12.25	-0.005309	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	10	-10.34	-0.004481	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	20	-8.23	-0.003567	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	30	-12.36	-0.005356	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	40	-8.73	-0.003783	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38725	25RB#0	NV	50	-10.67	-0.004624	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-30	-11.69	-0.005061	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-20	-11.64	-0.005039	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-10	-9.33	-0.004039	±2.5	PASS

(2305-2315)										
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	0	-7.72	-0.003342	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	10	-9.27	-0.004013	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	20	-5.88	-0.002545	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	30	-7.84	-0.003394	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	40	-10.43	-0.004515	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38750	25RB#0	NV	50	-8.40	-0.003636	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-30	-10.57	-0.004571	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-20	-7.55	-0.003265	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	-10	-9.44	-0.004082	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	0	-11.84	-0.005120	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	10	-12.16	-0.005258	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	20	-14.88	-0.006435	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	30	-5.42	-0.002344	±2.5	PASS
Band40 (2305-2315)	5MHz	16QAM	38775	25RB#0	NV	40	-7.70	-0.003330	±2.5	PASS

2315)										
Band40 (2305- 2315)	5MHz	16QAM	38775	25RB#0	NV	50	-9.88	-0.004272	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-30	-5.45	-0.002359	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-20	-11.14	-0.004823	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	-10	-9.47	-0.004100	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	0	-14.26	-0.006173	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	10	-5.06	-0.002190	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	20	-7.35	-0.003182	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	30	-11.89	-0.005147	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	40	-11.29	-0.004887	±2.5	PASS
Band40 (2305- 2315)	10MHz	QPSK	38750	50RB#0	NV	50	-8.17	-0.003537	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-30	-11.62	-0.005030	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-20	-7.72	-0.003342	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	-10	-9.60	-0.004156	±2.5	PASS
Band40 (2305- 2315)	10MHz	16QAM	38750	50RB#0	NV	0	-6.94	-0.003004	±2.5	PASS

Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	10	-7.18	-0.003108	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	20	-11.89	-0.005147	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	30	-9.91	-0.004290	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	40	-7.64	-0.003307	±2.5	PASS
Band40 (2305-2315)	10MHz	16QAM	38750	50RB#0	NV	50	-7.47	-0.003234	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-30	-10.66	-0.004531	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-20	-7.00	-0.002976	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-10	-12.36	-0.005254	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	0	8.54	0.003630	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	10	-6.07	-0.002580	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	20	-8.75	-0.003719	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	30	-7.00	-0.002976	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	40	-8.96	-0.003809	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39175	25RB#0	NV	50	-10.80	-0.004591	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	NV	-30	-12.46	-0.005291	±2.5	PASS

(2350-2360)										
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-20	-8.23	-0.003495	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-10	-10.04	-0.004263	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	6.85	0.002909	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	-8.60	-0.003652	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	-8.30	-0.003524	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	-9.06	-0.003847	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	40	-8.44	-0.003584	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39200	25RB#0	NV	50	-7.54	-0.003202	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-30	-6.42	-0.002723	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-20	-12.79	-0.005425	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-10	-10.34	-0.004386	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	0	-6.11	-0.002592	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	10	-8.63	-0.003661	±2.5	PASS
Band40 (2350-2360)	5MHz	QPSK	39225	25RB#0	NV	20	-6.84	-0.002901	±2.5	PASS

2360)										
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	30	-9.31	-0.003949	±2.5	PASS
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	40	-13.18	-0.005591	±2.5	PASS
Band40 (2350- 2360)	5MHz	QPSK	39225	25RB#0	NV	50	-10.36	-0.004394	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-30	7.57	0.003218	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-20	-9.16	-0.003894	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	-10	-10.24	-0.004353	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	0	-8.11	-0.003447	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	10	-7.52	-0.003197	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	20	-9.37	-0.003983	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	30	4.36	0.001853	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	40	-10.80	-0.004591	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39175	25RB#0	NV	50	3.45	0.001467	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39200	25RB#0	NV	-30	-10.50	-0.004459	±2.5	PASS
Band40 (2350- 2360)	5MHz	16QAM	39200	25RB#0	NV	-20	-9.68	-0.004110	±2.5	PASS

Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-10	-14.71	-0.006246	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	-11.96	-0.005079	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	-10.03	-0.004259	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	-6.62	-0.002811	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	-7.85	-0.003333	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	40	-8.67	-0.003682	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39200	25RB#0	NV	50	-5.38	-0.002285	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-30	-7.55	-0.003203	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-20	-11.30	-0.004793	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-10	-10.30	-0.004369	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	0	-7.77	-0.003296	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	10	-11.60	-0.004920	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	20	-10.00	-0.004242	±2.5	PASS
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	30	-7.65	-0.003245	±2.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	NV	40	-7.48	-0.003173	±2.5	PASS

(2350-2360)										
Band40 (2350-2360)	5MHz	16QAM	39225	25RB#0	NV	50	-9.40	-0.003987	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	-8.78	-0.003728	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	-8.35	-0.003546	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	-11.80	-0.005011	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	-10.37	-0.004403	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	-10.29	-0.004369	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	5.62	0.002386	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	-9.03	-0.003834	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	-10.00	-0.004246	±2.5	PASS
Band40 (2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	-7.12	-0.003023	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-30	-6.38	-0.002709	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-20	-7.97	-0.003384	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-10	-5.85	-0.002484	±2.5	PASS
Band40 (2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	4.51	0.001915	±2.5	PASS

2360)										
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	10	-5.89	-0.002501	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	20	-10.27	-0.004361	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	30	-10.93	-0.004641	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	40	-4.22	-0.001792	±2.5	PASS
Band40 (2350- 2360)	10MHz	16QAM	39200	50RB#0	NV	50	-8.07	-0.003427	±2.5	PASS