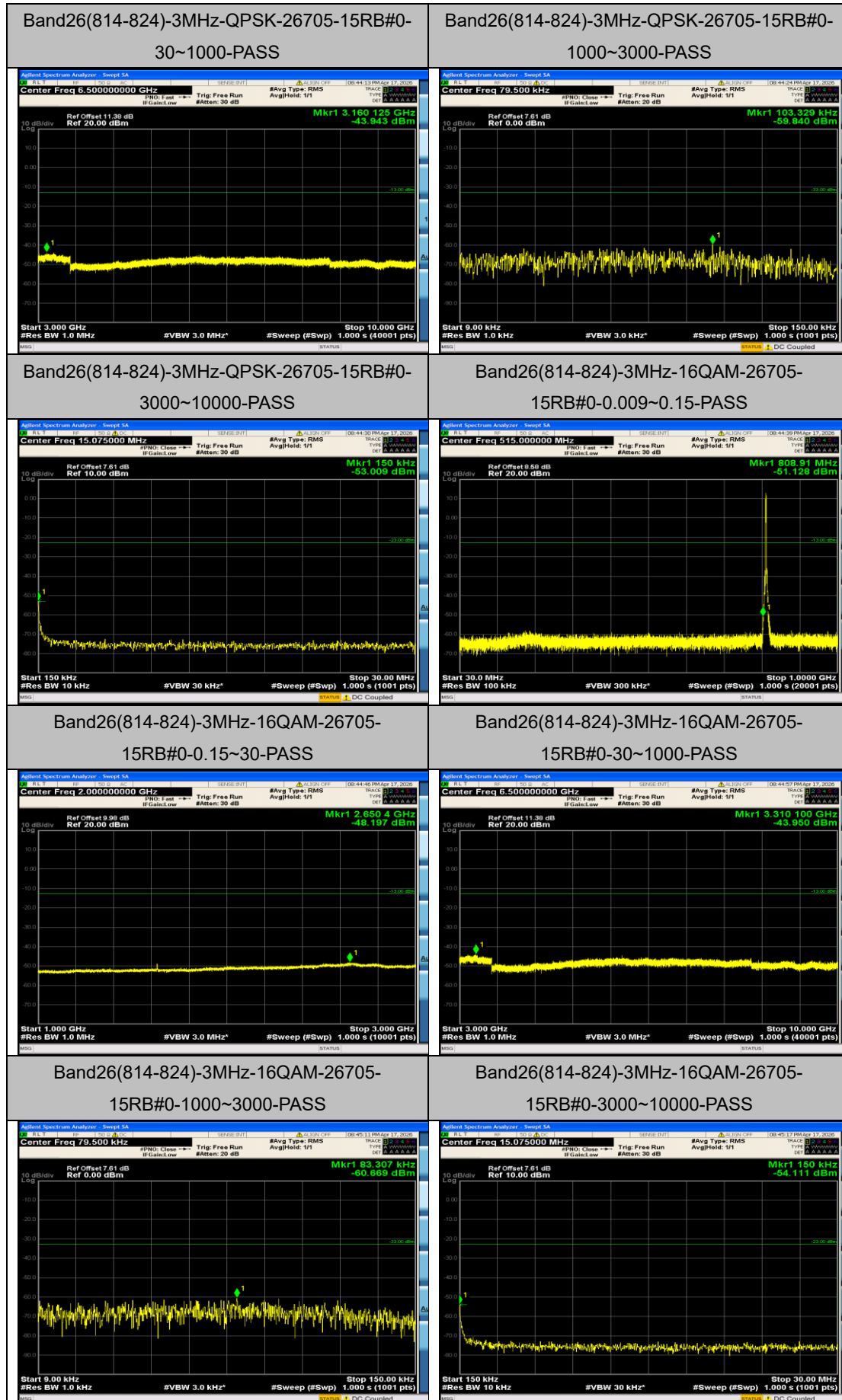
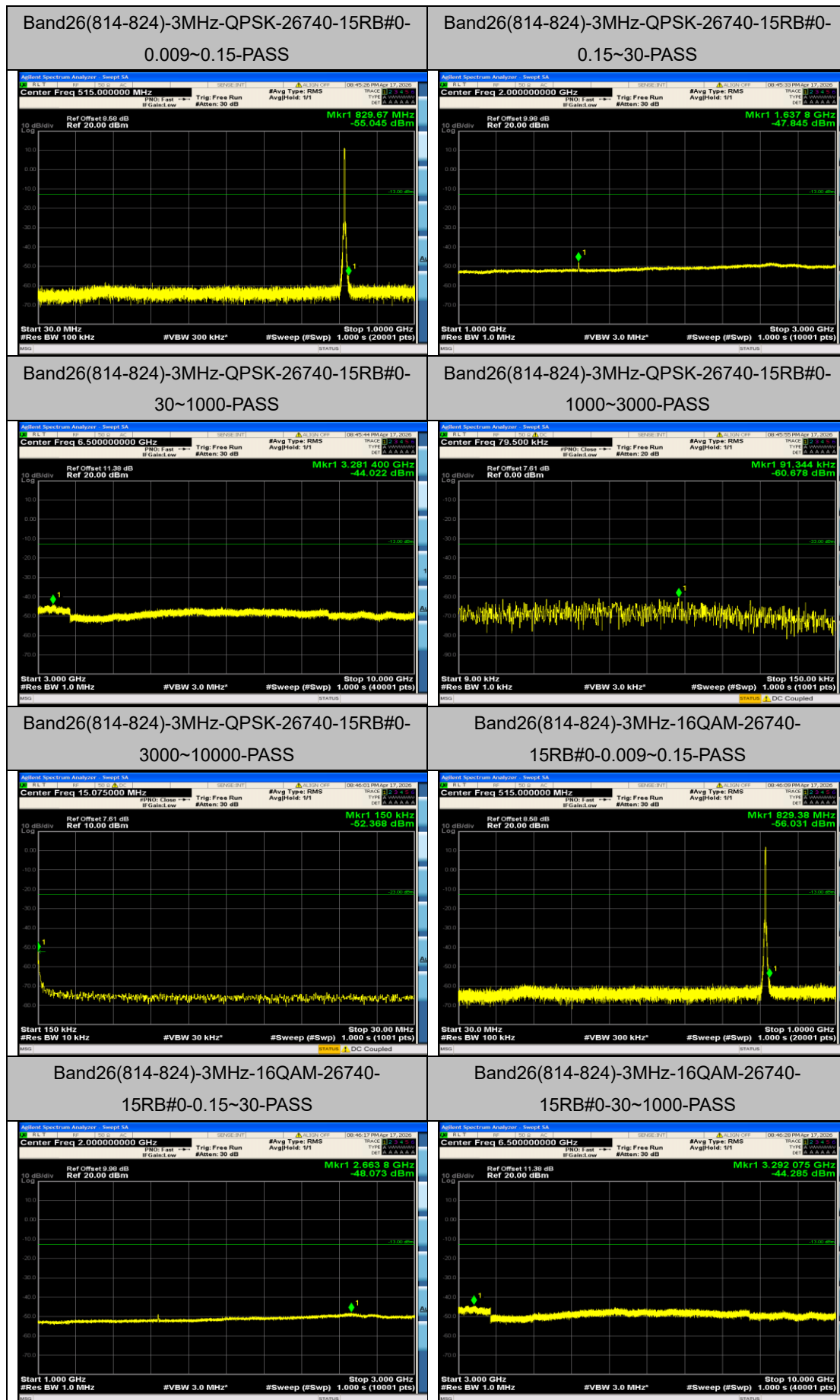
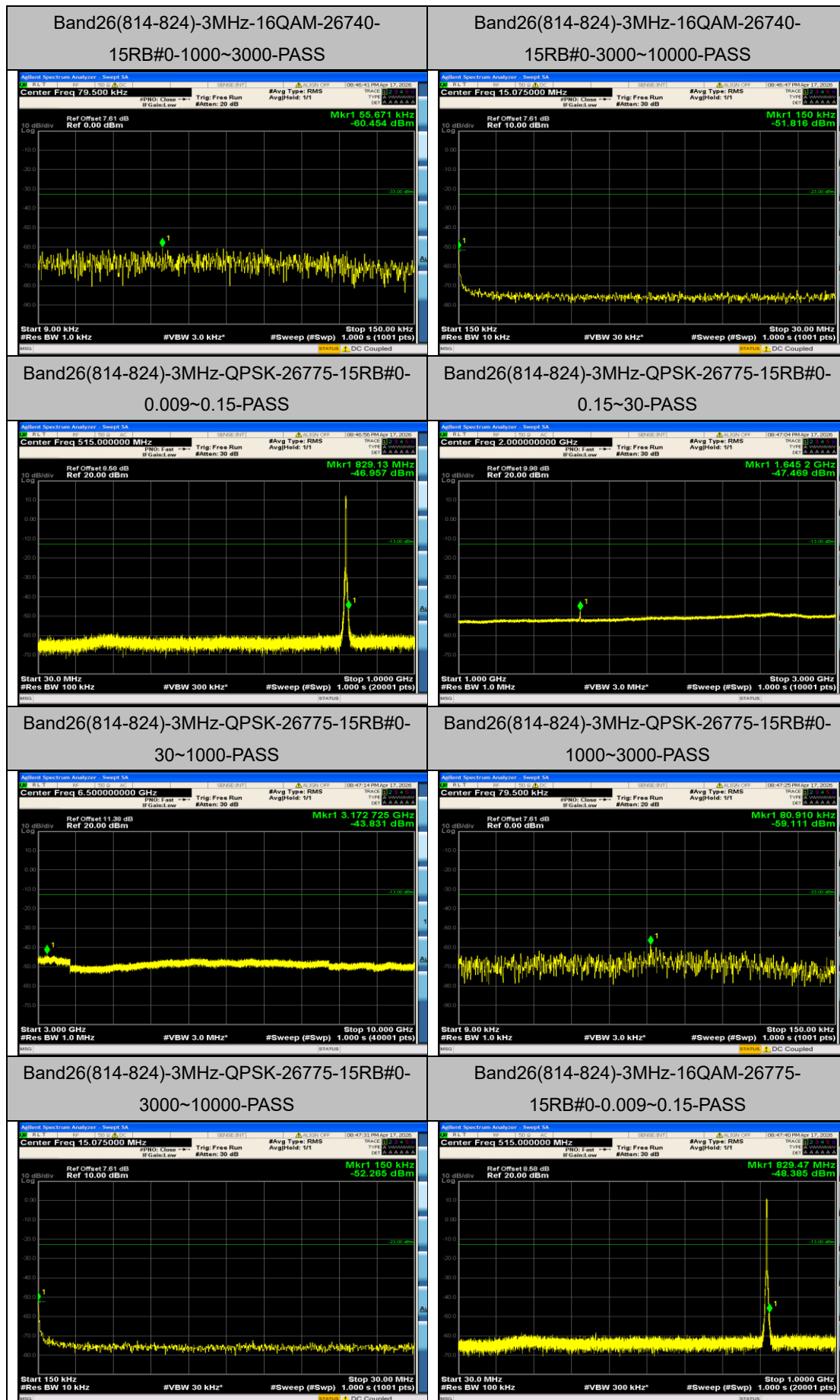
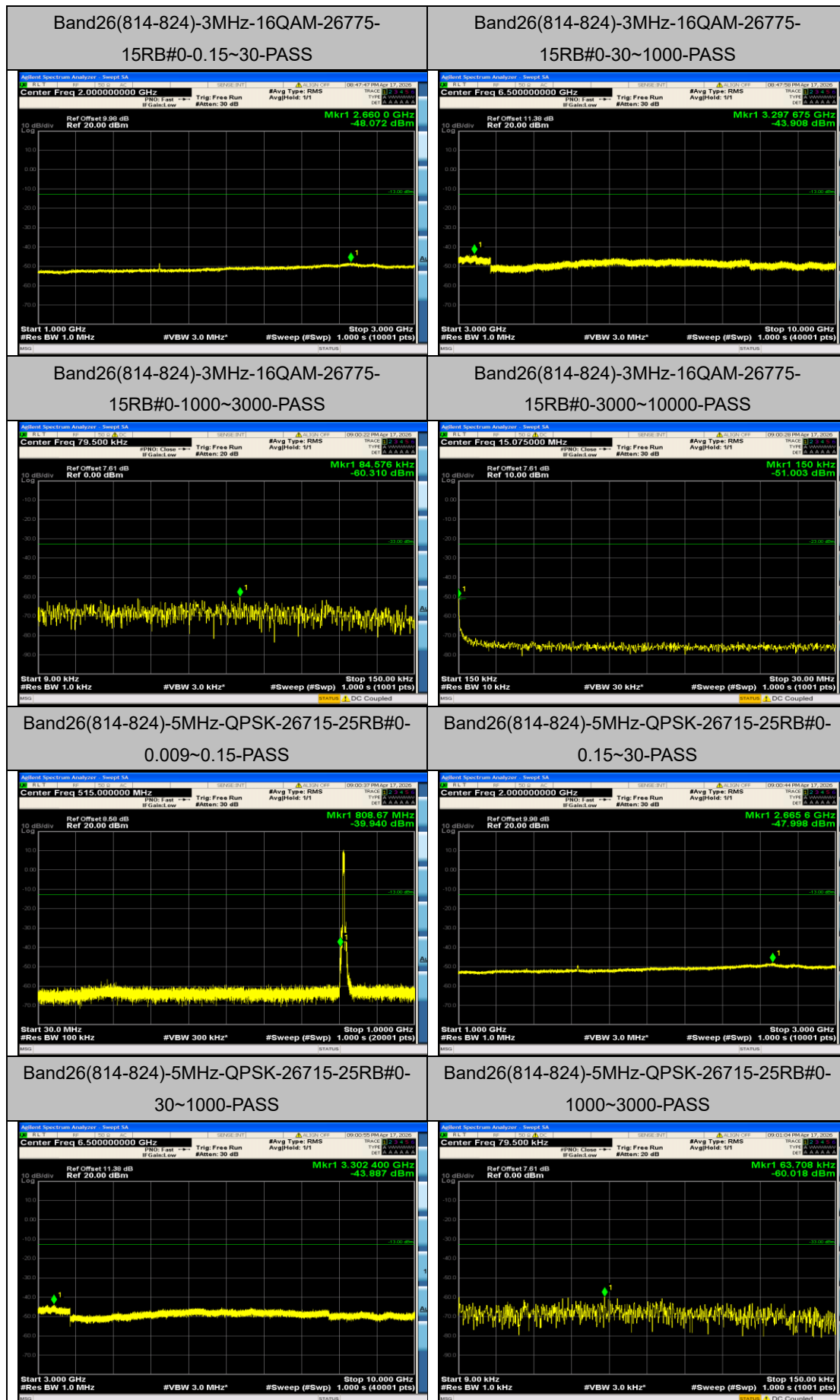
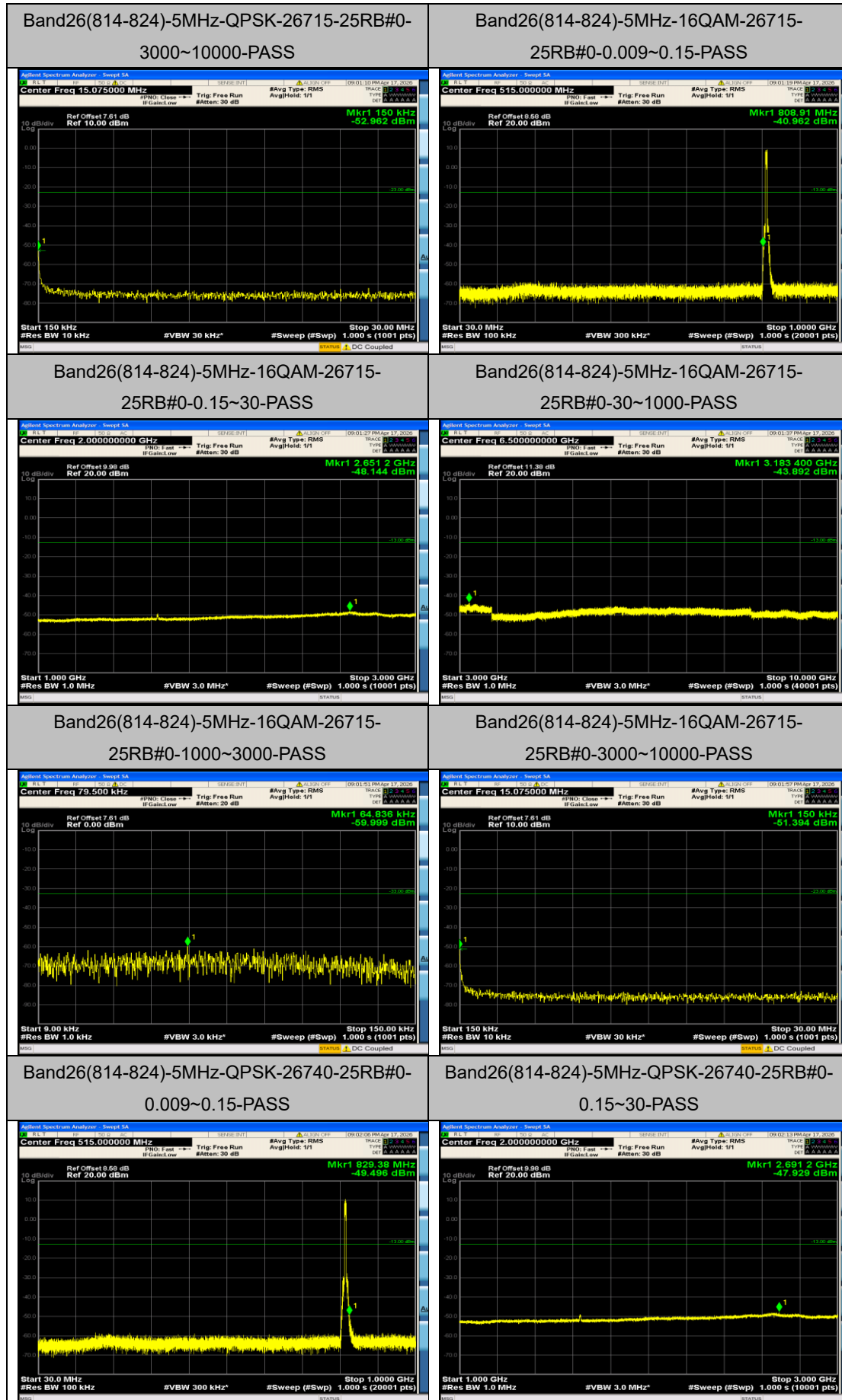


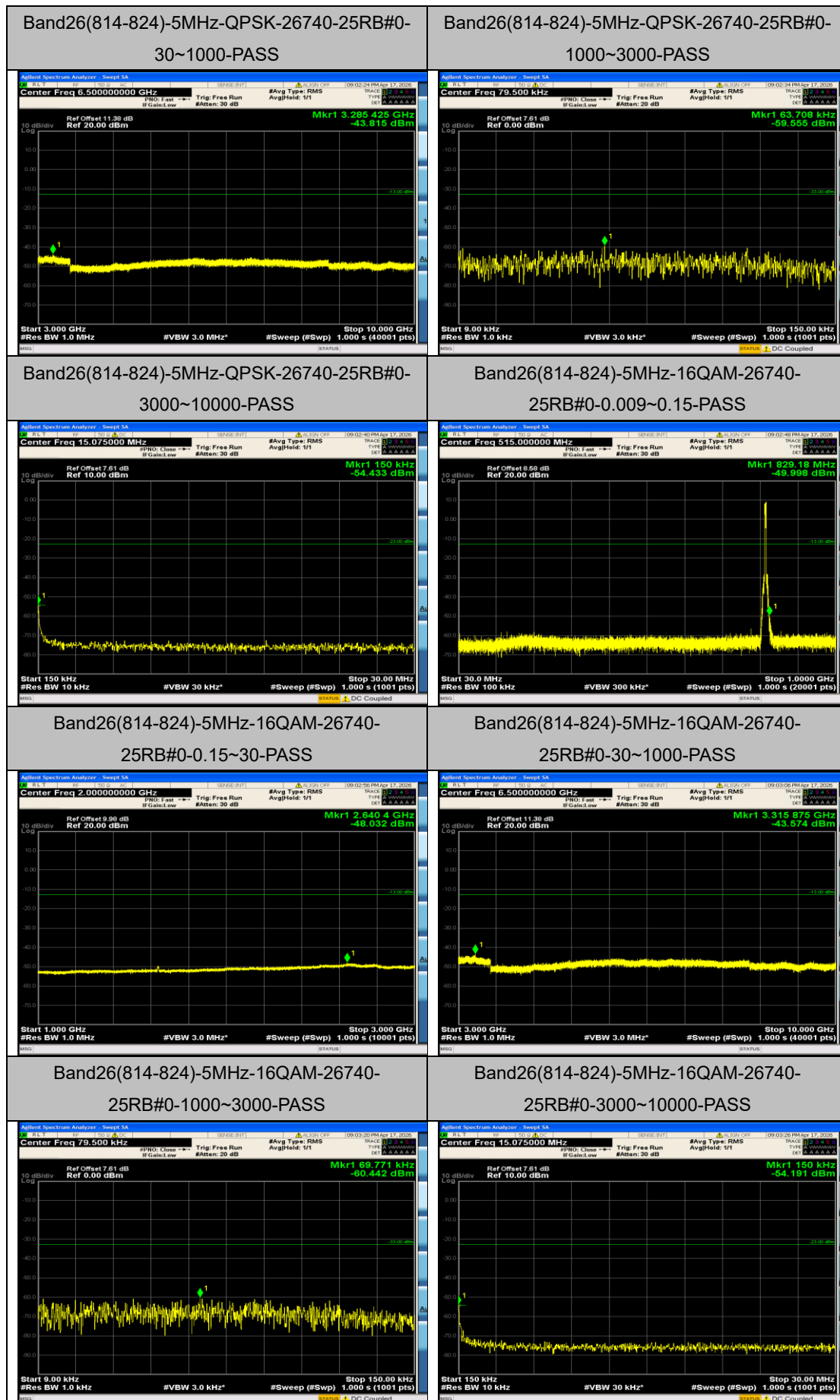


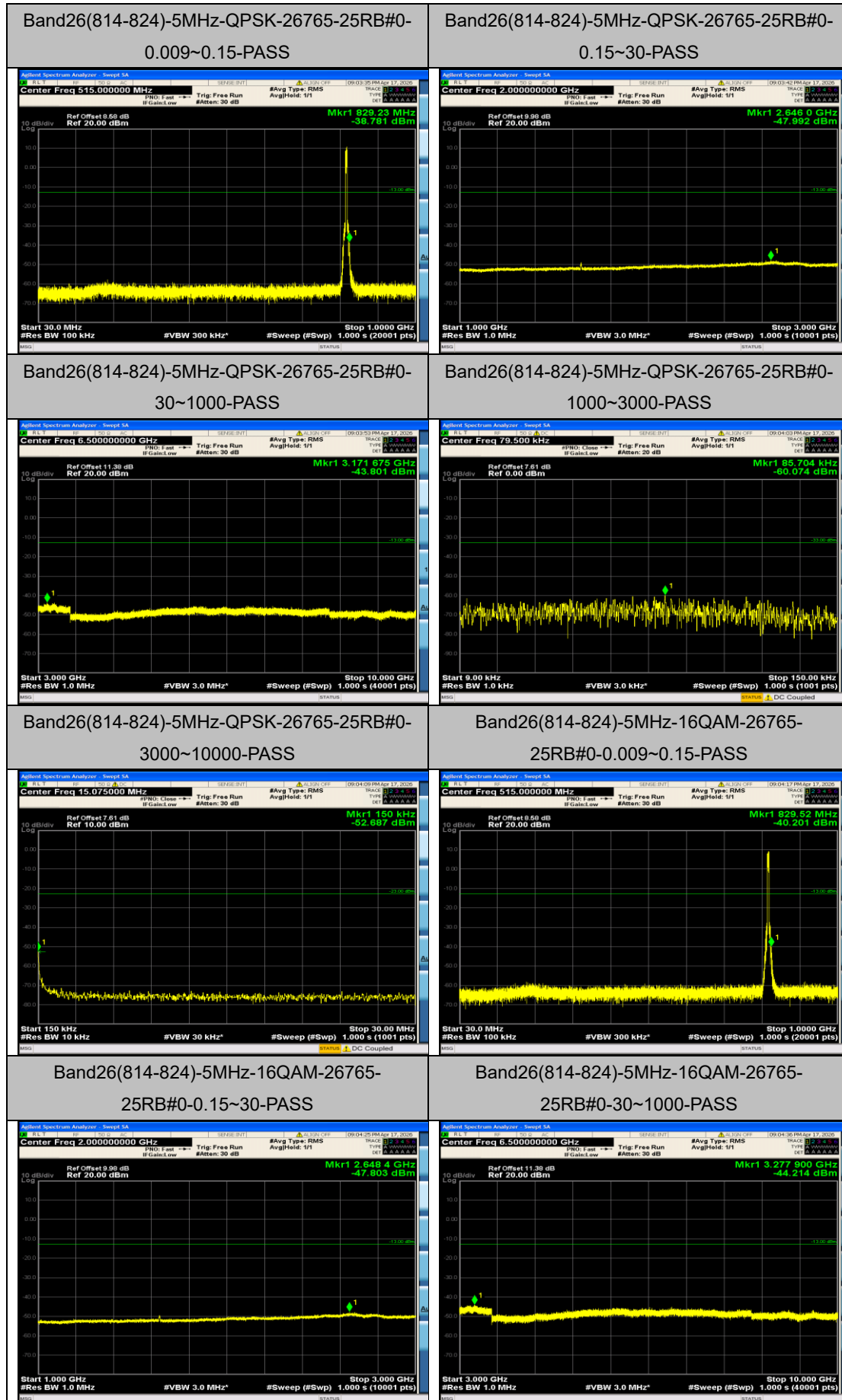


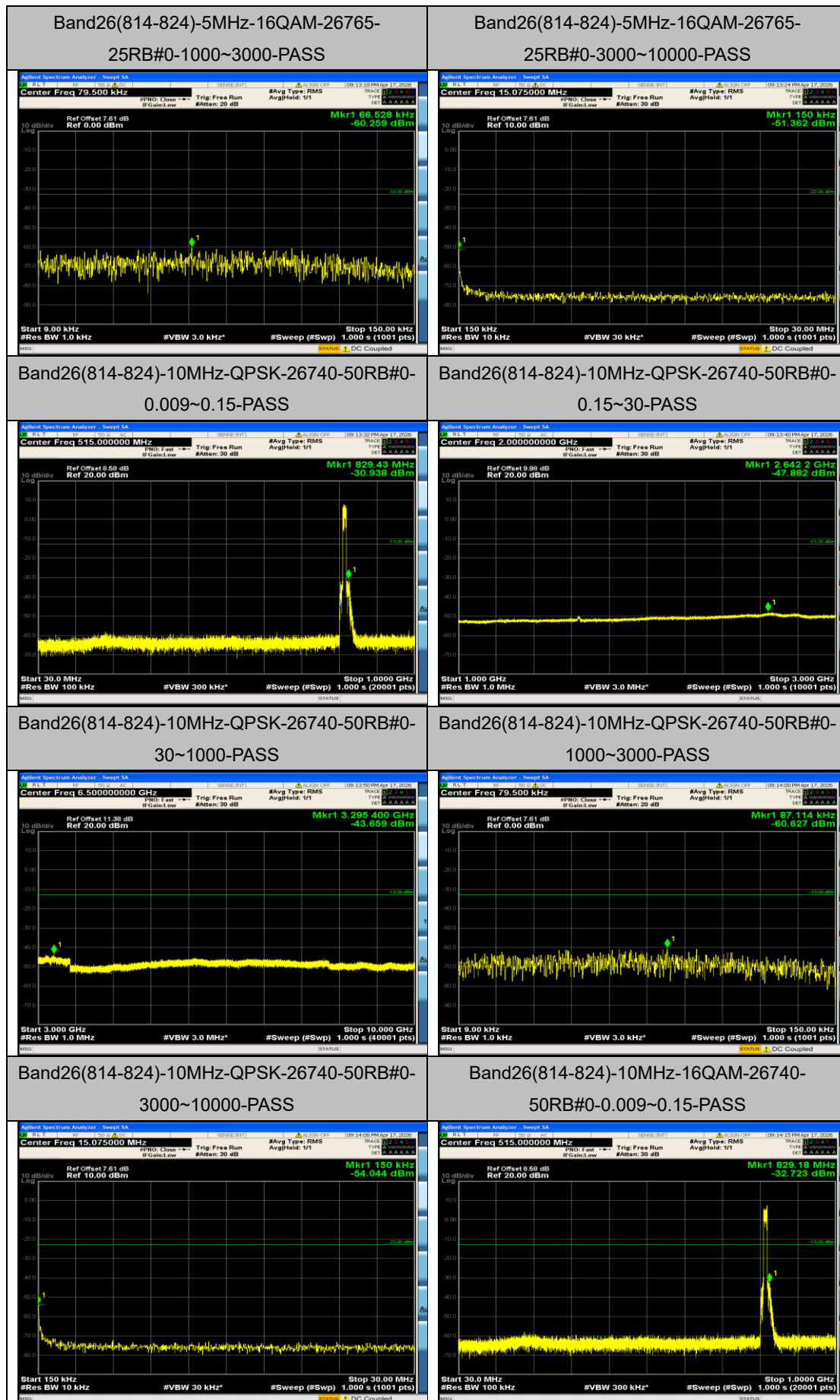


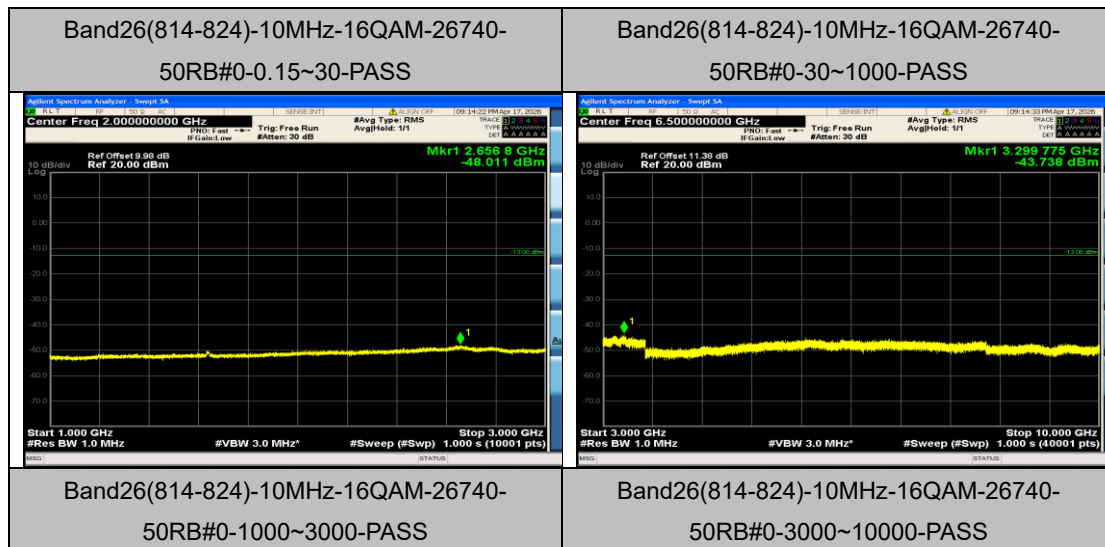












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	-30	-4.85	-0.005953	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	-20	-1.32	-0.001620	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	-10	-1.32	-0.001620	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	0	-4.03	-0.004947	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	10	-3.62	-0.004443	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	20	2.73	0.003351	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	30	-4.78	-0.005867	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	40	-6.52	-0.008003	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	50	-5.69	-0.006984	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	-30	-5.97	-0.007328	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	-20	-5.44	-0.006677	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	-10	-7.15	-0.008776	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	0	-5.32	-0.006530	±2.5	PASS

(814-824)										
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	10	-3.68	-0.004517	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	20	-2.90	-0.003560	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	30	-7.91	-0.009709	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	40	1.93	0.002369	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	NV	50	-6.87	-0.008433	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	-30	-6.48	-0.007912	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	-20	2.52	0.003077	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	-10	-4.61	-0.005629	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	0	-3.69	-0.004505	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	10	-2.46	-0.003004	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	20	-3.49	-0.004261	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	30	-7.60	-0.009280	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	40	-6.38	-0.007790	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	50	-2.36	-0.002882	±2.5	PASS

824)										
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	-30	-1.63	-0.001990	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	-20	-6.52	-0.007961	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	-10	-5.88	-0.007179	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	0	-5.35	-0.006532	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	10	-4.94	-0.006032	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	20	2.39	0.002918	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	30	-6.71	-0.008193	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	40	1.85	0.002259	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	50	-4.22	-0.005153	±2.5	PASS
Band26 (814- 824)	1.4MHz	QPSK	26783	6RB#0	NV	-30	-3.63	-0.004409	±2.5	PASS
Band26 (814- 824)	1.4MHz	QPSK	26783	6RB#0	NV	-20	-3.02	-0.003668	±2.5	PASS
Band26 (814- 824)	1.4MHz	QPSK	26783	6RB#0	NV	-10	-7.21	-0.008757	±2.5	PASS
Band26 (814- 824)	1.4MHz	QPSK	26783	6RB#0	NV	0	-5.19	-0.006304	±2.5	PASS
Band26 (814- 824)	1.4MHz	QPSK	26783	6RB#0	NV	10	-7.94	-0.009644	±2.5	PASS

Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	20	-5.78	-0.007021	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	30	2.80	0.003401	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	40	-6.27	-0.007616	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	50	-2.95	-0.003583	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	-30	-2.56	-0.003109	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	-20	-4.66	-0.005660	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	-10	-5.19	-0.006304	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	0	-6.01	-0.007300	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	10	-4.41	-0.005356	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	20	-6.29	-0.007640	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	30	-5.87	-0.007130	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	40	1.99	0.002417	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	50	-4.18	-0.005077	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	-30	2.59	0.003176	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	-20	-6.11	-0.007492	±2.5	PASS

(814-824)										
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	-10	1.54	0.001888	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	0	-1.56	-0.001913	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	10	-5.01	-0.006143	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	20	-2.53	-0.003102	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	30	-9.21	-0.011294	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	40	-5.49	-0.006732	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	50	-5.36	-0.006573	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	-30	2.59	0.003176	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	-20	-2.57	-0.003151	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	-10	-4.85	-0.005947	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	0	2.17	0.002661	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	10	-6.97	-0.008547	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	20	3.06	0.003752	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	30	-5.21	-0.006389	±2.5	PASS

824)										
Band26 (814- 824)	3MHz	16QAM	26705	15RB#0	NV	40	2.69	0.003299	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26705	15RB#0	NV	50	-4.69	-0.005751	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	-30	-8.54	-0.010427	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	-20	-6.79	-0.008291	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	-10	-4.86	-0.005934	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	0	-5.21	-0.006361	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	10	1.76	0.002149	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	20	-2.75	-0.003358	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	30	-6.59	-0.008046	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	40	-6.17	-0.007534	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	50	-1.89	-0.002308	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26740	15RB#0	NV	-30	-3.81	-0.004652	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26740	15RB#0	NV	-20	-4.91	-0.005995	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26740	15RB#0	NV	-10	-8.28	-0.010110	±2.5	PASS

Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	0	-5.18	-0.006325	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	10	-3.43	-0.004188	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	20	-9.80	-0.011966	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	30	-4.84	-0.005910	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	40	-10.51	-0.012833	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	50	-4.61	-0.005629	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	-30	-5.95	-0.007234	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	-20	-7.12	-0.008657	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	-10	-7.10	-0.008632	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	0	-5.29	-0.006432	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	10	-6.94	-0.008438	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	20	-6.45	-0.007842	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	30	-4.61	-0.005605	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	NV	40	2.75	0.003343	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	50	-7.64	-0.009289	±2.5	PASS

(814-824)										
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	-30	-8.47	-0.010298	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	-20	-5.18	-0.006298	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	-10	-6.24	-0.007587	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	0	-2.33	-0.002833	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	10	-3.40	-0.004134	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	20	-2.65	-0.003222	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	30	-3.43	-0.004170	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	40	-6.07	-0.007380	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	50	-2.79	-0.003392	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	-30	-4.51	-0.005524	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	-20	-5.14	-0.006295	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	-10	-4.56	-0.005585	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	0	-5.72	-0.007006	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	10	-6.78	-0.008304	±2.5	PASS

824)										
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	20	-8.55	-0.010472	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	30	-4.99	-0.006111	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	40	-4.23	-0.005181	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	50	-1.96	-0.002400	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	-30	-9.73	-0.011917	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	-20	-5.52	-0.006761	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	-10	-3.25	-0.003980	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	0	-7.68	-0.009406	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	10	-2.72	-0.003331	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	20	-4.78	-0.005854	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	30	-3.45	-0.004225	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	40	-4.76	-0.005830	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26715	25RB#0	NV	50	-2.95	-0.003613	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	-30	-3.06	-0.003736	±2.5	PASS

Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	-20	-6.24	-0.007619	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	-10	-6.12	-0.007473	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	0	-3.49	-0.004261	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	10	-3.89	-0.004750	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	20	-2.93	-0.003578	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	30	-0.96	-0.001172	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	40	-2.16	-0.002637	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	NV	50	-6.41	-0.007827	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	-30	2.25	0.002747	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	-20	-8.51	-0.010391	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	-10	-1.44	-0.001758	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	0	-6.68	-0.008156	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	10	-4.41	-0.005385	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	20	-8.43	-0.010293	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	30	5.09	0.006215	±2.5	PASS

(814-824)										
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	40	-6.67	-0.008144	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	50	-10.83	-0.013223	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	-30	-4.71	-0.005733	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	-20	-5.91	-0.007194	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	-10	-4.96	-0.006038	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	0	-4.71	-0.005733	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	10	-6.85	-0.008338	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	20	-6.82	-0.008302	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	30	-7.88	-0.009592	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	40	-4.63	-0.005636	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	50	-5.19	-0.006318	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	NV	-30	-1.59	-0.001935	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	NV	-20	1.82	0.002215	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	NV	-10	-4.88	-0.005940	±2.5	PASS

824)										
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	0	2.36	0.002873	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	10	-7.37	-0.008971	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	20	4.22	0.005137	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	30	-6.90	-0.008399	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	40	-6.48	-0.007888	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	50	-2.52	-0.003068	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	-30	-5.42	-0.006618	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	-20	-7.20	-0.008791	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	-10	-3.18	-0.003883	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	0	-3.06	-0.003736	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	10	-3.99	-0.004872	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	20	-7.72	-0.009426	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	30	-5.75	-0.007021	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	40	4.76	0.005812	±2.5	PASS

Band26 (814-824)	10MHz	QPSK	26740	50RB#0	NV	50	-3.43	-0.004188	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	-30	-7.34	-0.008962	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	-20	-1.83	-0.002234	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	-10	-1.95	-0.002381	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	0	-4.16	-0.005079	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	10	-5.72	-0.006984	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	20	-11.06	-0.013504	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	30	-3.13	-0.003822	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	40	-2.23	-0.002723	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	50	-4.13	-0.005043	±2.5	PASS