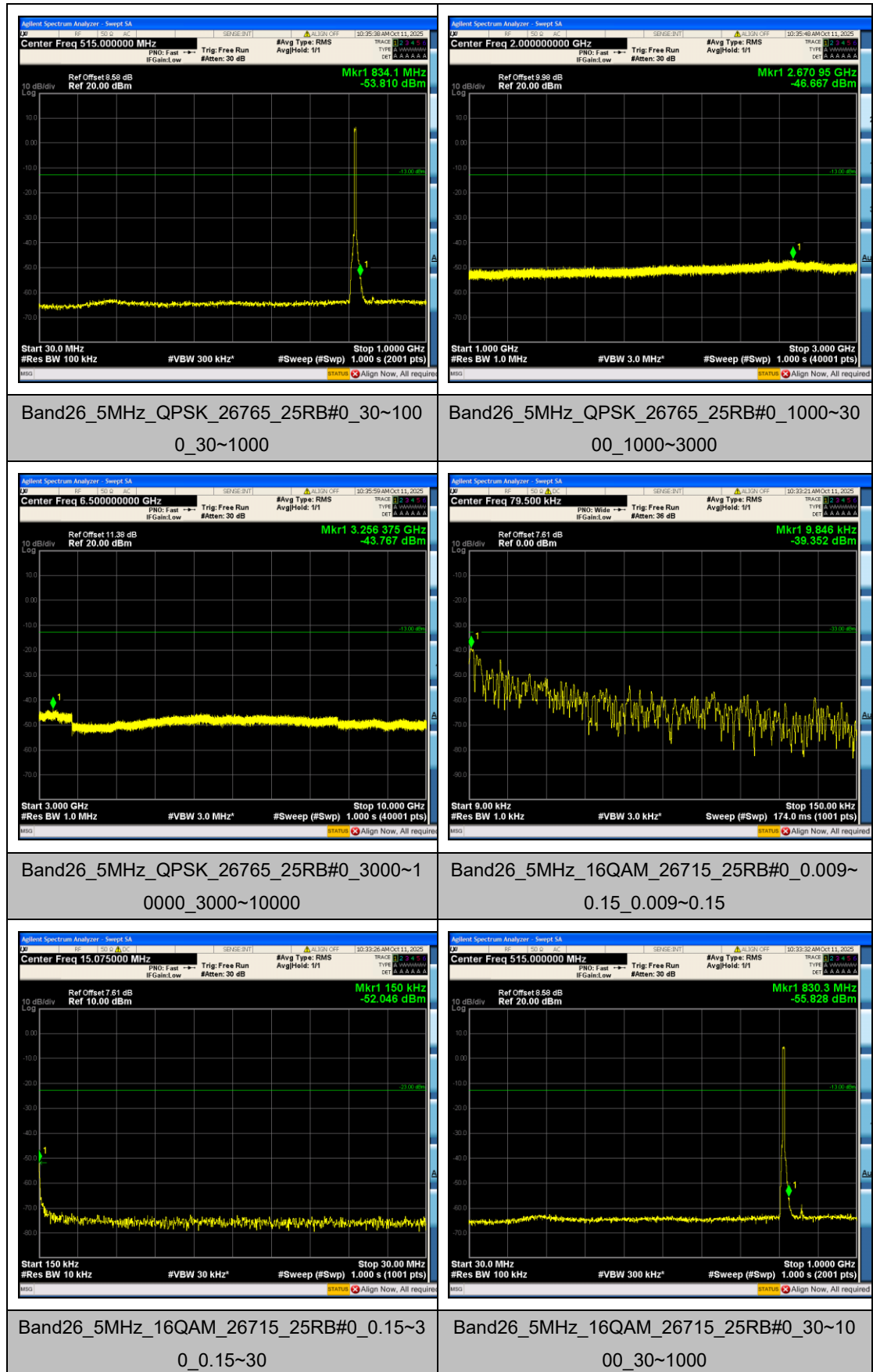
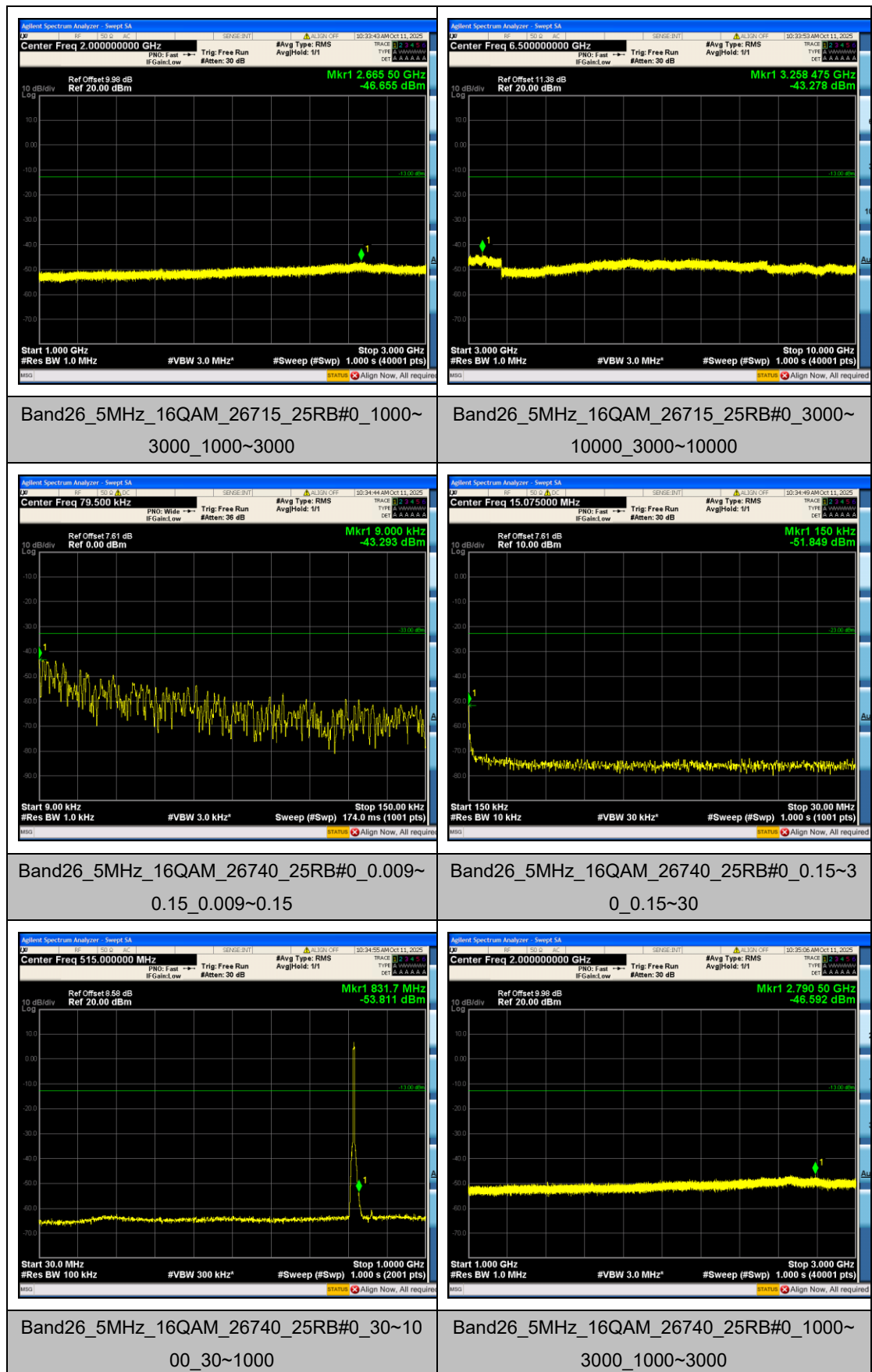
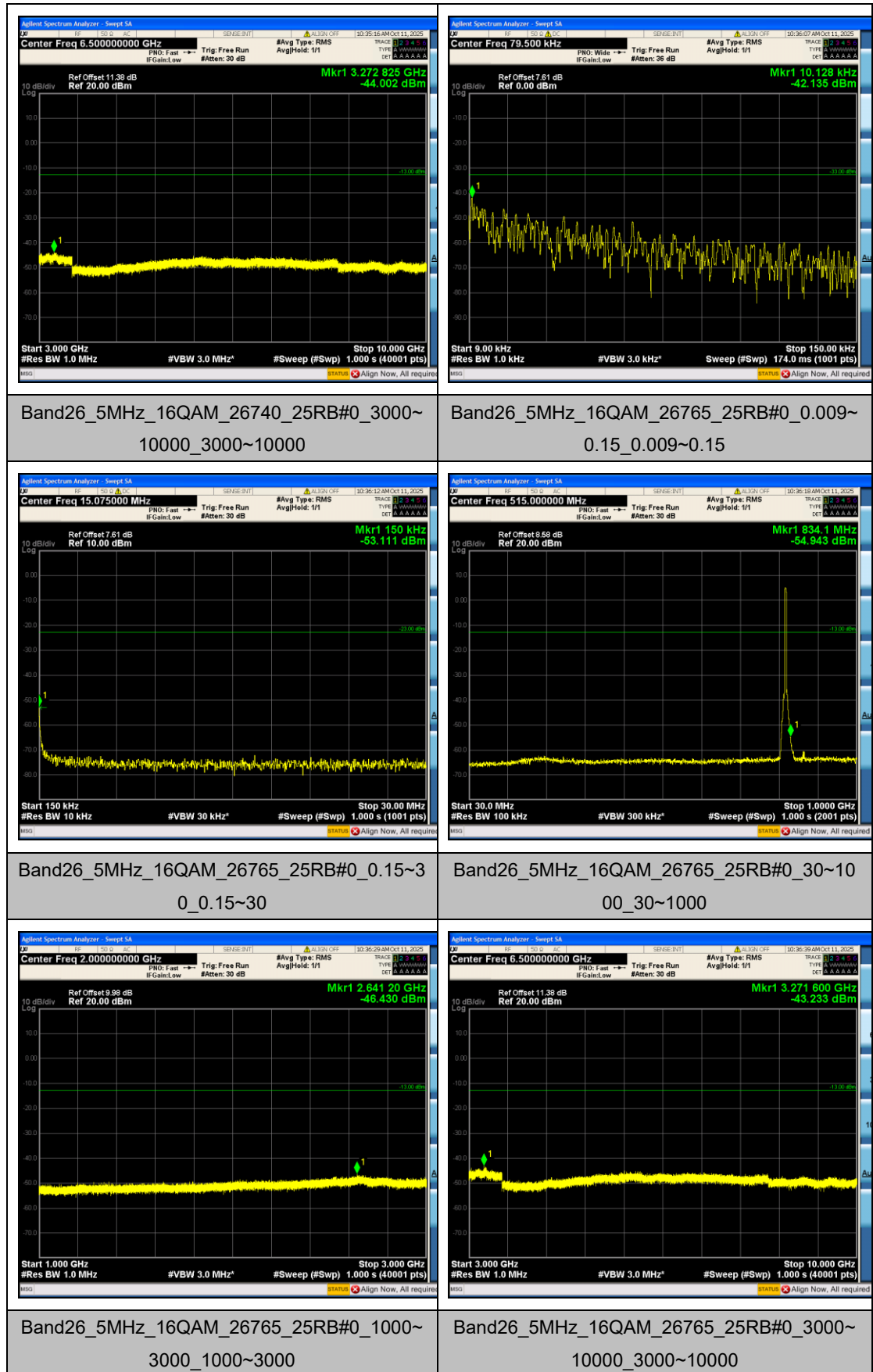
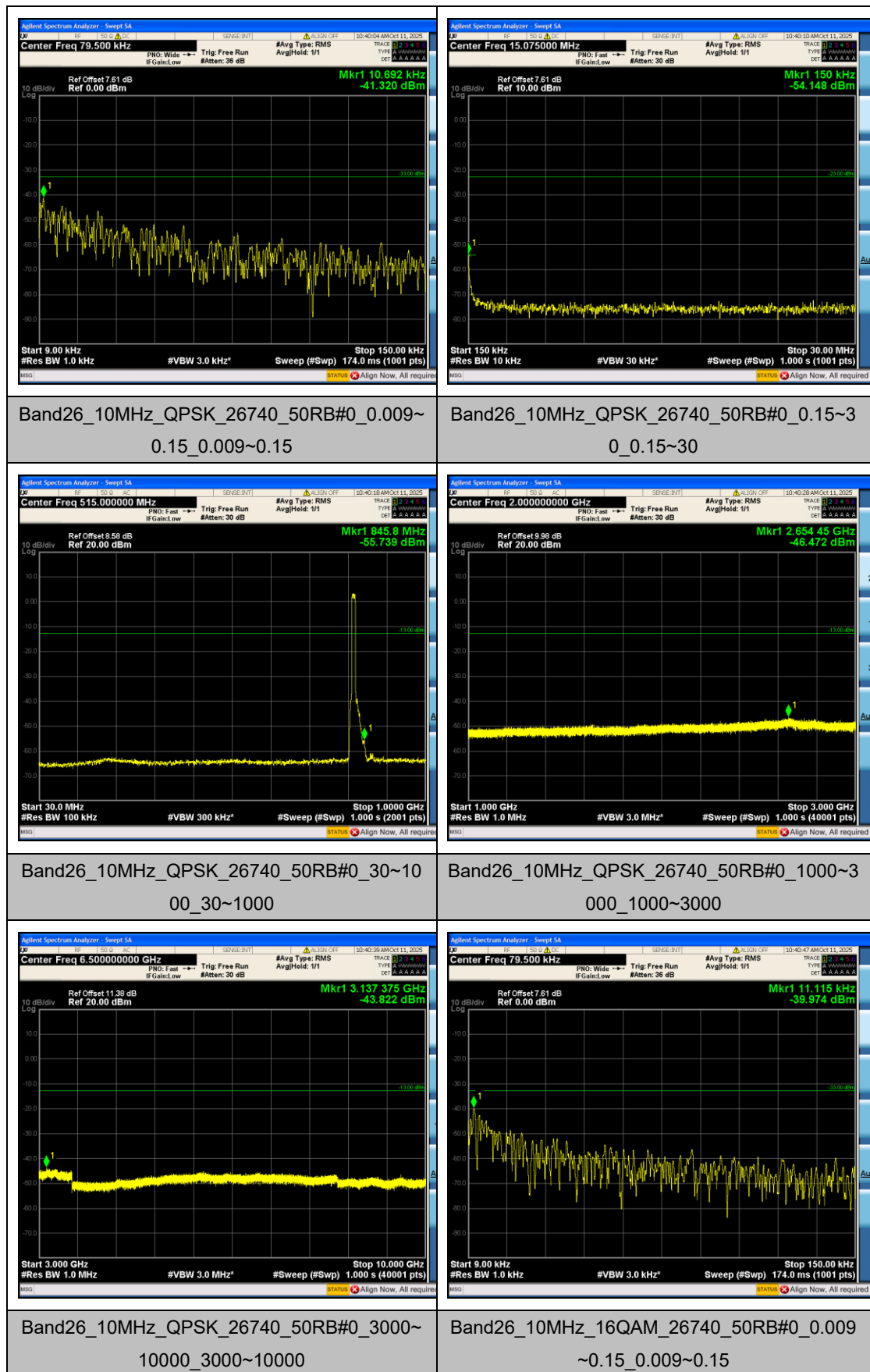
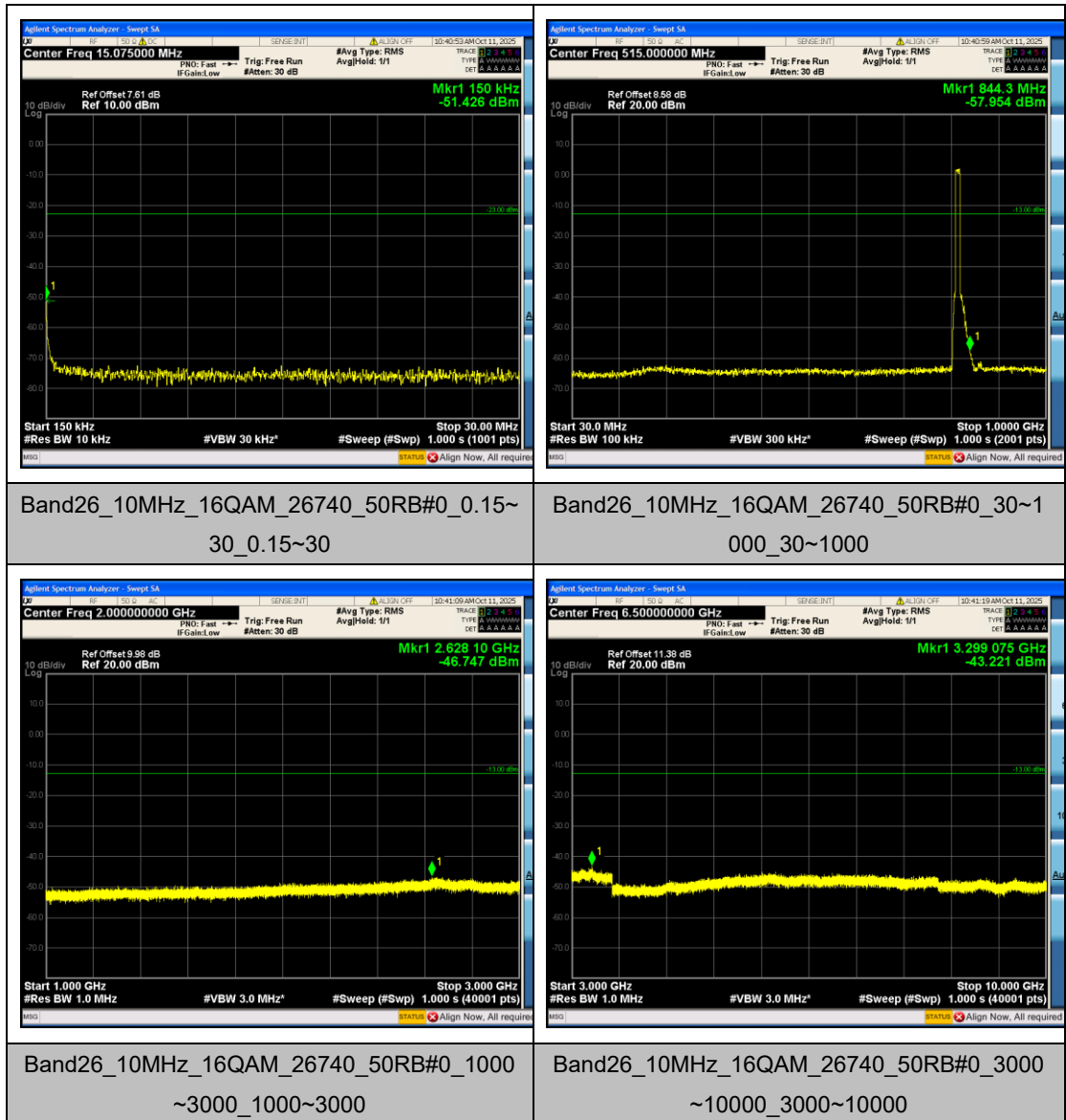












Appendix F: Frequency Stability

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	-13.39	-0.016435	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	-20	-11.56	-0.014189	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	-10	-10.04	-0.012324	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	0	-14.72	-0.018068	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	10	-10.21	-0.012532	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	20	-3.25	-0.003989	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	30	-10.80	-0.013256	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	40	-13.23	-0.016239	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	NV	50	-10.21	-0.012532	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	-30	-6.15	-0.007509	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	-20	-4.58	-0.005592	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	-10	-16.79	-0.020501	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	0	-7.00	-0.008547	±2.5	PASS

(814-824)										
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	10	-12.72	-0.015531	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	20	-8.25	-0.010073	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	30	-4.09	-0.004994	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	40	-6.98	-0.008523	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	NV	50	-9.88	-0.012063	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	-30	-12.80	-0.015547	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	-20	-12.72	-0.015450	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	-10	-10.77	-0.013082	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	0	-11.26	-0.013677	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	10	-13.30	-0.016155	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	20	-10.40	-0.012632	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	30	-9.88	-0.012000	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	40	-1.43	-0.001737	±2.5	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	NV	50	-12.67	-0.015389	±2.5	PASS

824)										
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	-30	-13.56	-0.016644	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	-20	-7.34	-0.009009	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	-10	-11.67	-0.014324	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	0	-13.55	-0.016632	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	10	-11.57	-0.014202	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	20	-12.03	-0.014766	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	30	-14.79	-0.018154	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	40	-10.93	-0.013416	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26697	6RB#0	NV	50	-9.36	-0.011489	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	-30	-15.44	-0.018852	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	-20	-5.22	-0.006374	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	-10	-11.09	-0.013541	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	0	-11.66	-0.014237	±2.5	PASS
Band26 (814- 824)	1.4MHz	16QAM	26740	6RB#0	NV	10	-11.52	-0.014066	±2.5	PASS

Band26 (814-824)	1.4MHz	16QAM	26740	6RB#0	NV	20	-7.12	-0.008694	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	6RB#0	NV	30	6.44	0.007863	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	6RB#0	NV	40	-3.28	-0.004005	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	6RB#0	NV	50	-15.32	-0.018706	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	-30	-12.50	-0.015183	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	-20	-9.76	-0.011855	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	-10	-13.07	-0.015875	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	0	-8.28	-0.010057	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	10	-11.29	-0.013713	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	20	-11.29	-0.013713	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	30	-15.25	-0.018523	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	40	5.21	0.006328	±2.5	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	NV	50	-10.47	-0.012717	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	-30	-12.99	-0.015929	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	-20	-11.64	-0.014273	±2.5	PASS

(814-824)										
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	-10	-11.19	-0.013722	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	0	-9.11	-0.011171	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	10	-12.99	-0.015929	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	20	-8.30	-0.010178	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	30	-9.94	-0.012189	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	40	-4.53	-0.005555	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	NV	50	-13.45	-0.016493	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	-30	-6.91	-0.008437	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	-20	-6.58	-0.008034	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	-10	-8.80	-0.010745	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	0	-6.08	-0.007424	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	10	-13.98	-0.017070	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	20	-6.77	-0.008266	±2.5	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	NV	30	-9.90	-0.012088	±2.5	PASS

824)										
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	40	-13.13	-0.016032	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26740	15RB#0	NV	50	-9.38	-0.011453	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	-30	-10.87	-0.013216	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	-20	-14.02	-0.017046	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	-10	-11.16	-0.013568	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	0	-6.42	-0.007805	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	10	-13.33	-0.016207	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	20	-6.44	-0.007830	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	30	-12.82	-0.015587	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	40	-8.34	-0.010140	±2.5	PASS
Band26 (814- 824)	3MHz	QPSK	26775	15RB#0	NV	50	-8.84	-0.010748	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26705	15RB#0	NV	-30	-13.76	-0.016873	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26705	15RB#0	NV	-20	-10.51	-0.012888	±2.5	PASS
Band26 (814- 824)	3MHz	16QAM	26705	15RB#0	NV	-10	-14.79	-0.018136	±2.5	PASS

Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	0	-13.66	-0.016750	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	10	-12.80	-0.015696	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	20	-12.66	-0.015524	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	30	-3.10	-0.003801	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	40	-11.62	-0.014249	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	NV	50	-15.22	-0.018663	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	-30	-7.37	-0.008999	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	-20	-11.62	-0.014188	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	-10	-11.87	-0.014493	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	0	-9.41	-0.011490	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	10	-11.32	-0.013822	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	20	-3.29	-0.004017	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	30	-10.79	-0.013175	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	NV	40	-11.30	-0.013797	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	50	-2.19	-0.002674	±2.5	PASS

(814-824)										
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	-30	-11.34	-0.013787	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	-20	-11.43	-0.013897	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	-10	-10.40	-0.012644	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	0	-13.35	-0.016231	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	10	-11.96	-0.014541	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	20	-9.04	-0.010991	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	30	-12.66	-0.015392	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	40	-7.52	-0.009143	±2.5	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	NV	50	-13.50	-0.016413	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	-30	-14.56	-0.017832	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	-20	-8.41	-0.010300	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	-10	3.32	0.004066	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	0	-9.64	-0.011806	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	NV	10	-9.34	-0.011439	±2.5	PASS

824)										
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	20	-7.82	-0.009577	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	30	-13.56	-0.016607	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	40	-13.70	-0.016779	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26715	25RB#0	NV	50	-12.27	-0.015028	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	-30	-8.17	-0.009976	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	-20	-12.97	-0.015836	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	-10	-8.96	-0.010940	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	0	-7.87	-0.009609	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	10	-11.49	-0.014029	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	20	-8.37	-0.010220	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	30	-11.23	-0.013712	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	40	-12.46	-0.015214	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26740	25RB#0	NV	50	-12.80	-0.015629	±2.5	PASS
Band26 (814- 824)	5MHz	QPSK	26765	25RB#0	NV	-30	-14.20	-0.017285	±2.5	PASS

Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	-20	-10.71	-0.013037	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	-10	-11.73	-0.014279	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	0	-8.83	-0.010749	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	10	-10.16	-0.012368	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	20	-12.19	-0.014839	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	30	-1.42	-0.001729	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	40	-9.77	-0.011893	±2.5	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	NV	50	-8.53	-0.010383	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	-30	-8.04	-0.009847	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	-20	-12.10	-0.014819	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	-10	-12.37	-0.015150	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	0	-15.02	-0.018396	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	10	-11.06	-0.013546	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	20	-9.84	-0.012051	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	30	-14.18	-0.017367	±2.5	PASS

(814-824)										
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	40	-8.17	-0.010006	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	NV	50	-13.13	-0.016081	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	-30	-5.26	-0.006422	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	-20	-5.89	-0.007192	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	-10	-7.70	-0.009402	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	0	-4.33	-0.005287	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	10	-9.27	-0.011319	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	20	-10.70	-0.013065	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	30	-13.52	-0.016508	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	40	-5.02	-0.006129	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	NV	50	-11.07	-0.013516	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	NV	-30	-2.63	-0.003201	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	NV	-20	-16.42	-0.019988	±2.5	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	NV	-10	-7.50	-0.009130	±2.5	PASS

824)										
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	0	-13.20	-0.016068	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	10	-9.71	-0.011820	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	20	-9.84	-0.011978	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	30	-11.43	-0.013914	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	40	-10.77	-0.013110	±2.5	PASS
Band26 (814- 824)	5MHz	16QAM	26765	25RB#0	NV	50	-9.54	-0.011613	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	-30	-6.82	-0.008327	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	-20	-10.50	-0.012821	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	-10	-14.71	-0.017961	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	0	-8.83	-0.010781	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	10	-13.83	-0.016886	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	20	-10.73	-0.013101	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	30	-8.83	-0.010781	±2.5	PASS
Band26 (814- 824)	10MHz	QPSK	26740	50RB#0	NV	40	-13.93	-0.017009	±2.5	PASS

Band26 (814-824)	10MHz	QPSK	26740	50RB#0	NV	50	-14.71	-0.017961	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	-30	-7.94	-0.009695	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	-20	-8.18	-0.009988	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	-10	-12.30	-0.015018	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	0	-11.39	-0.013907	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	10	-8.31	-0.010147	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	20	-7.71	-0.009414	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	30	-14.72	-0.017973	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	40	-12.45	-0.015201	±2.5	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	NV	50	-6.61	-0.008071	±2.5	PASS