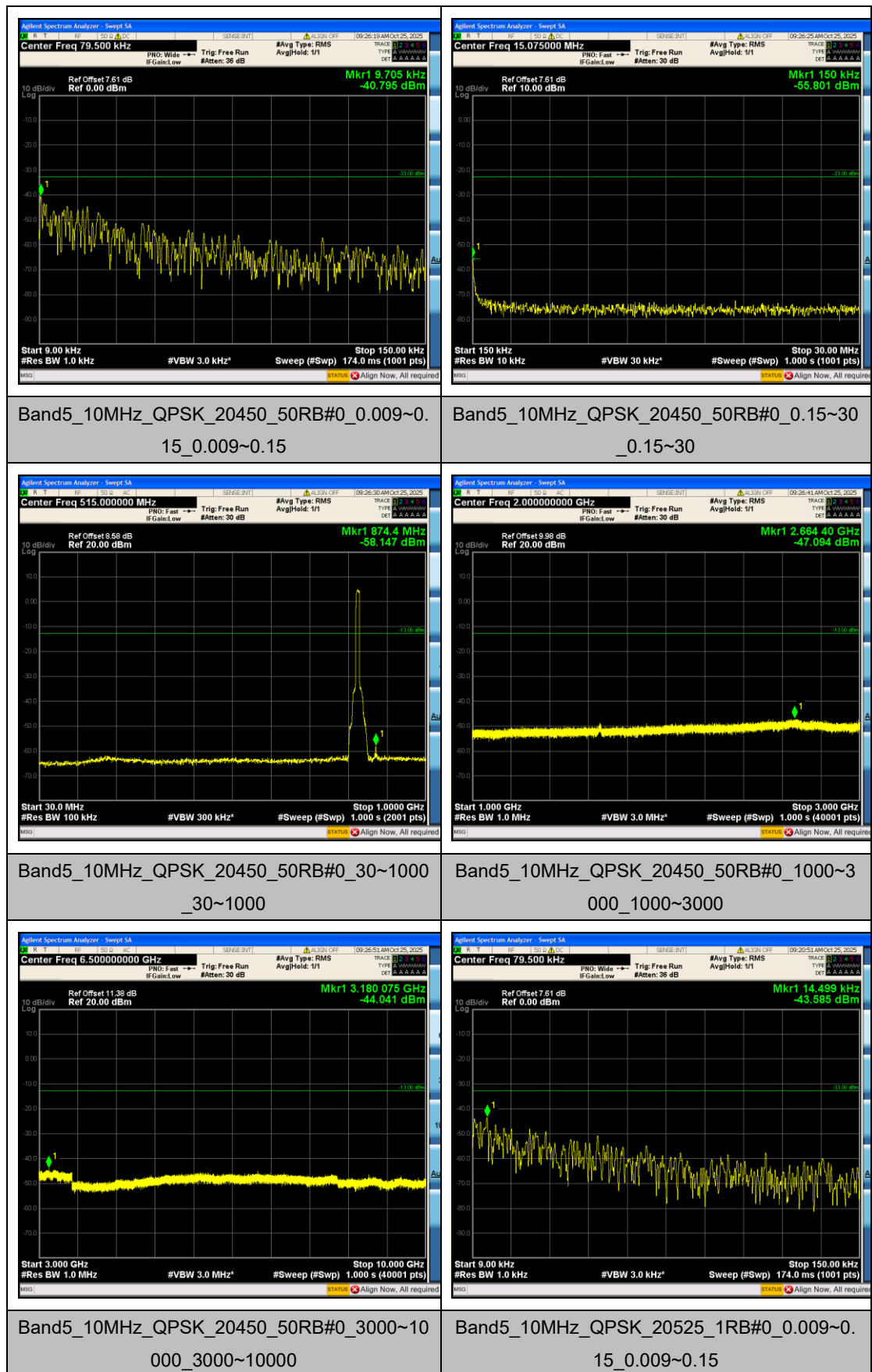
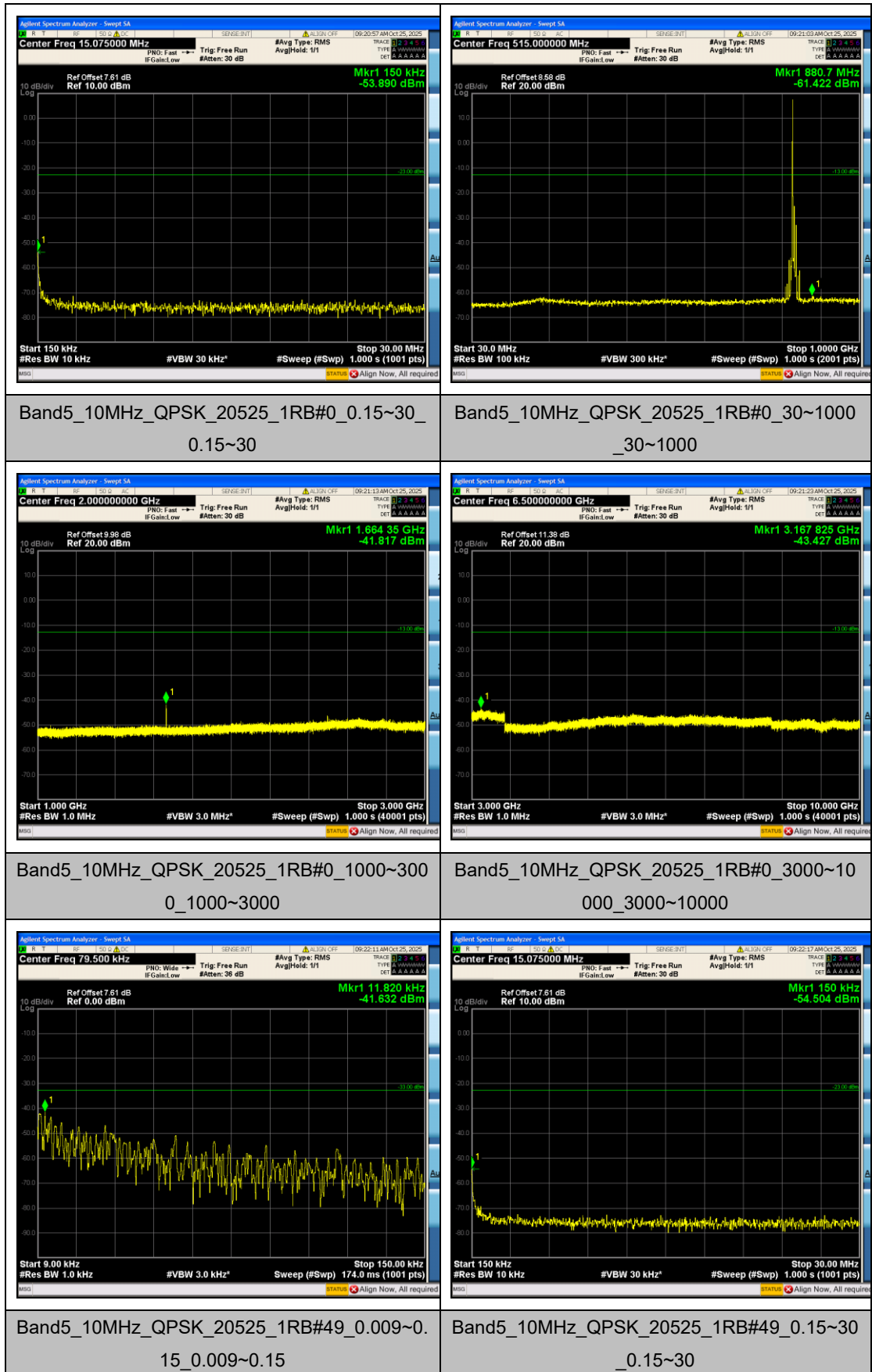
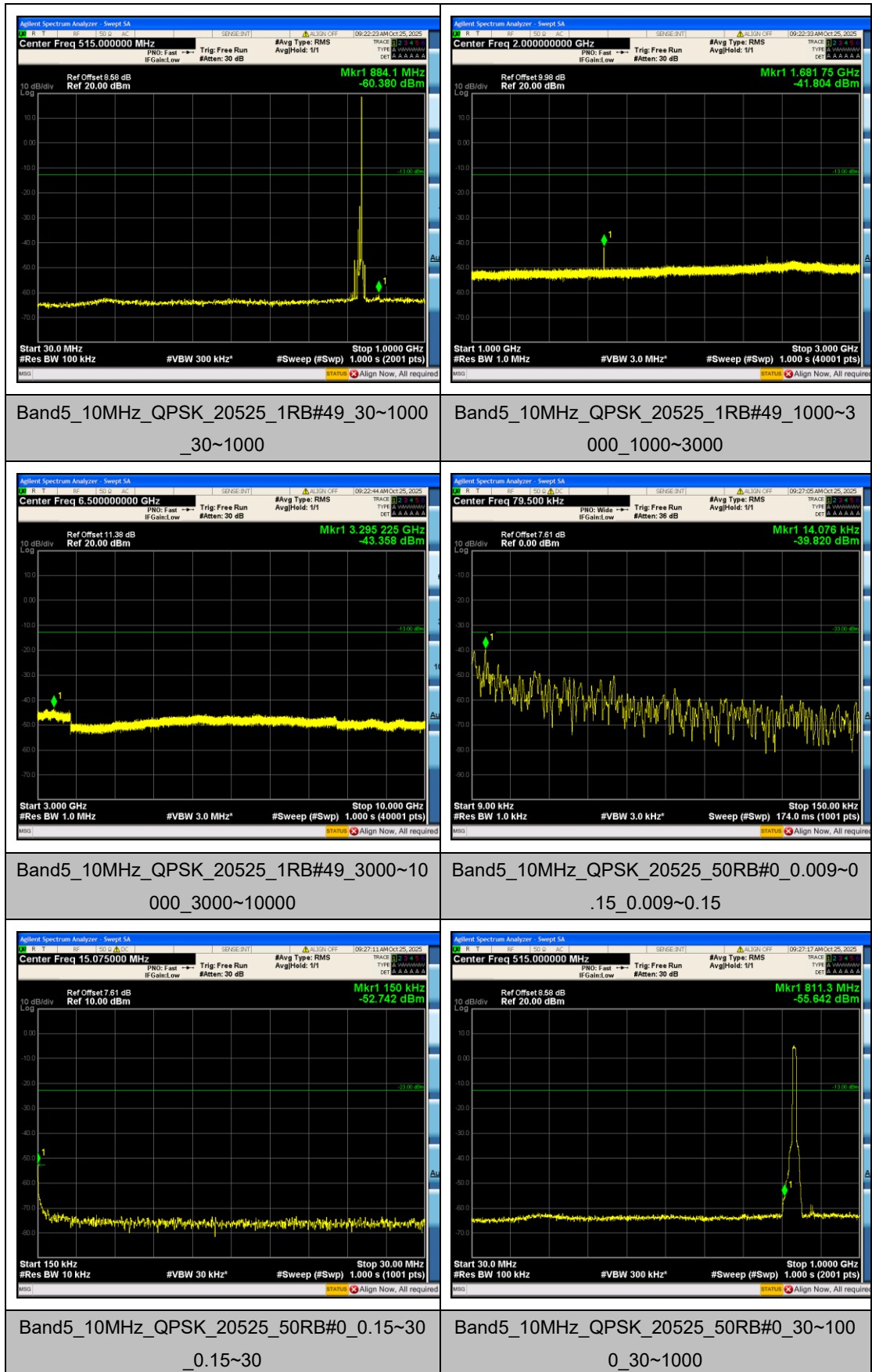
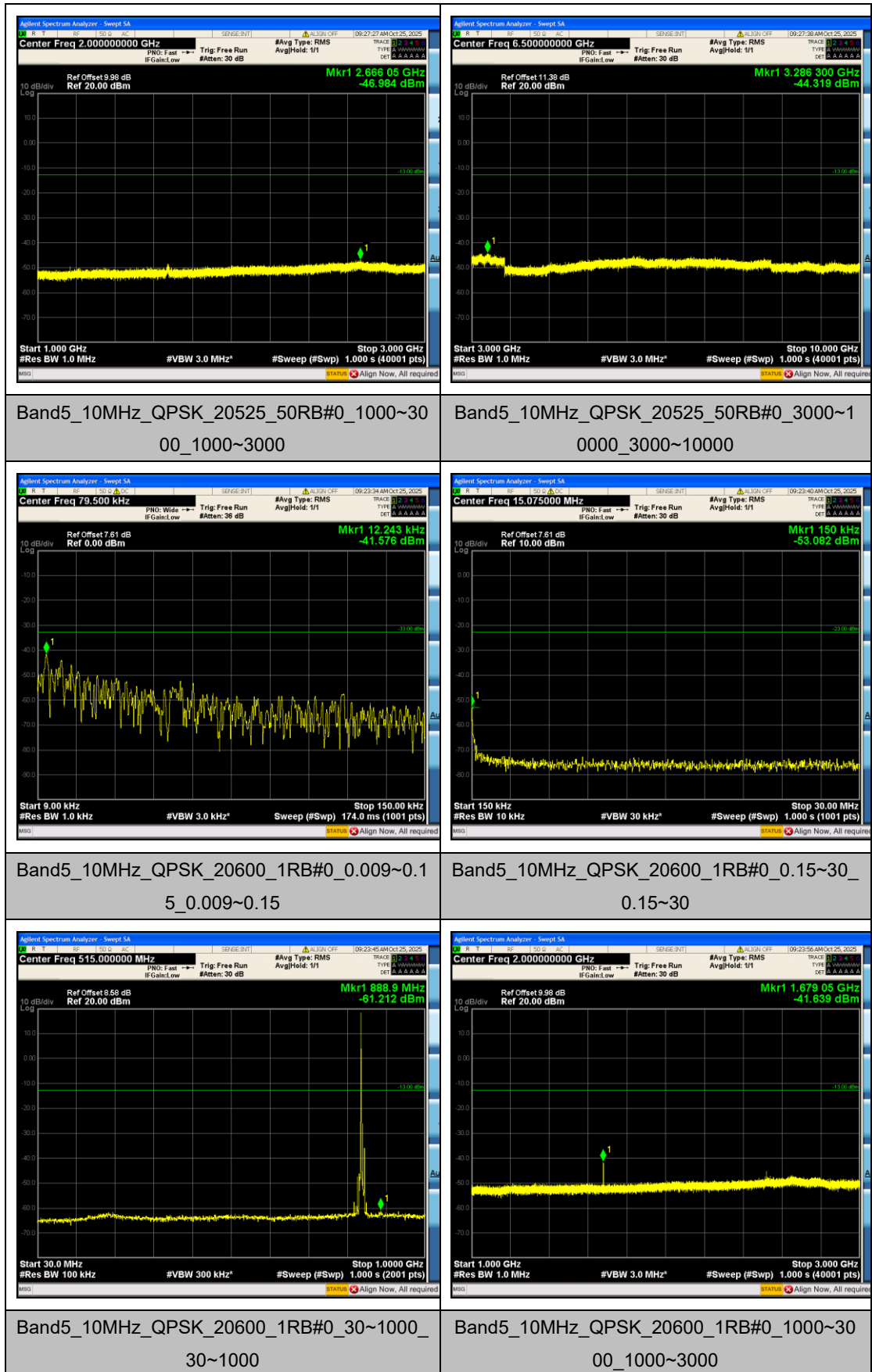
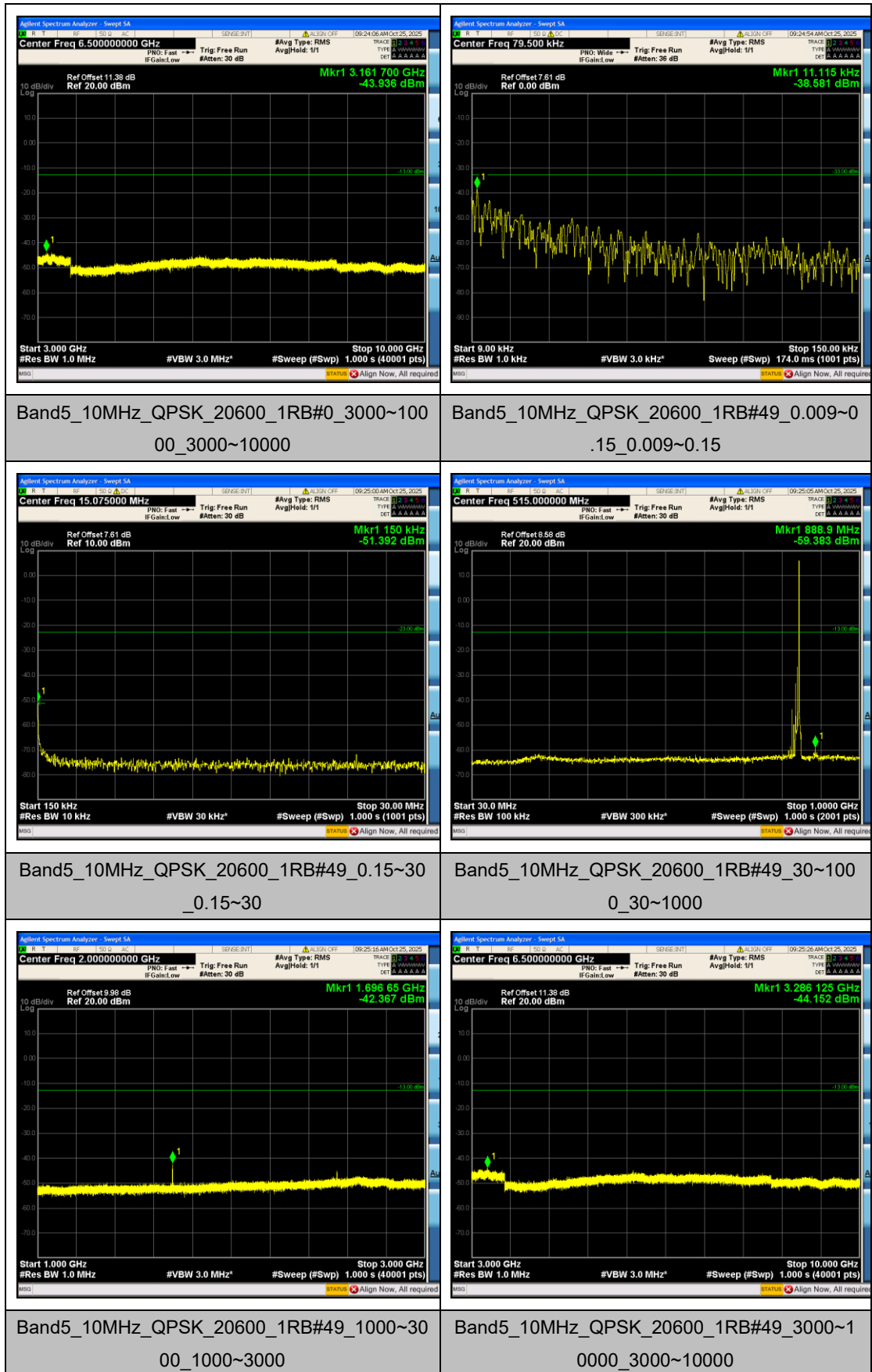


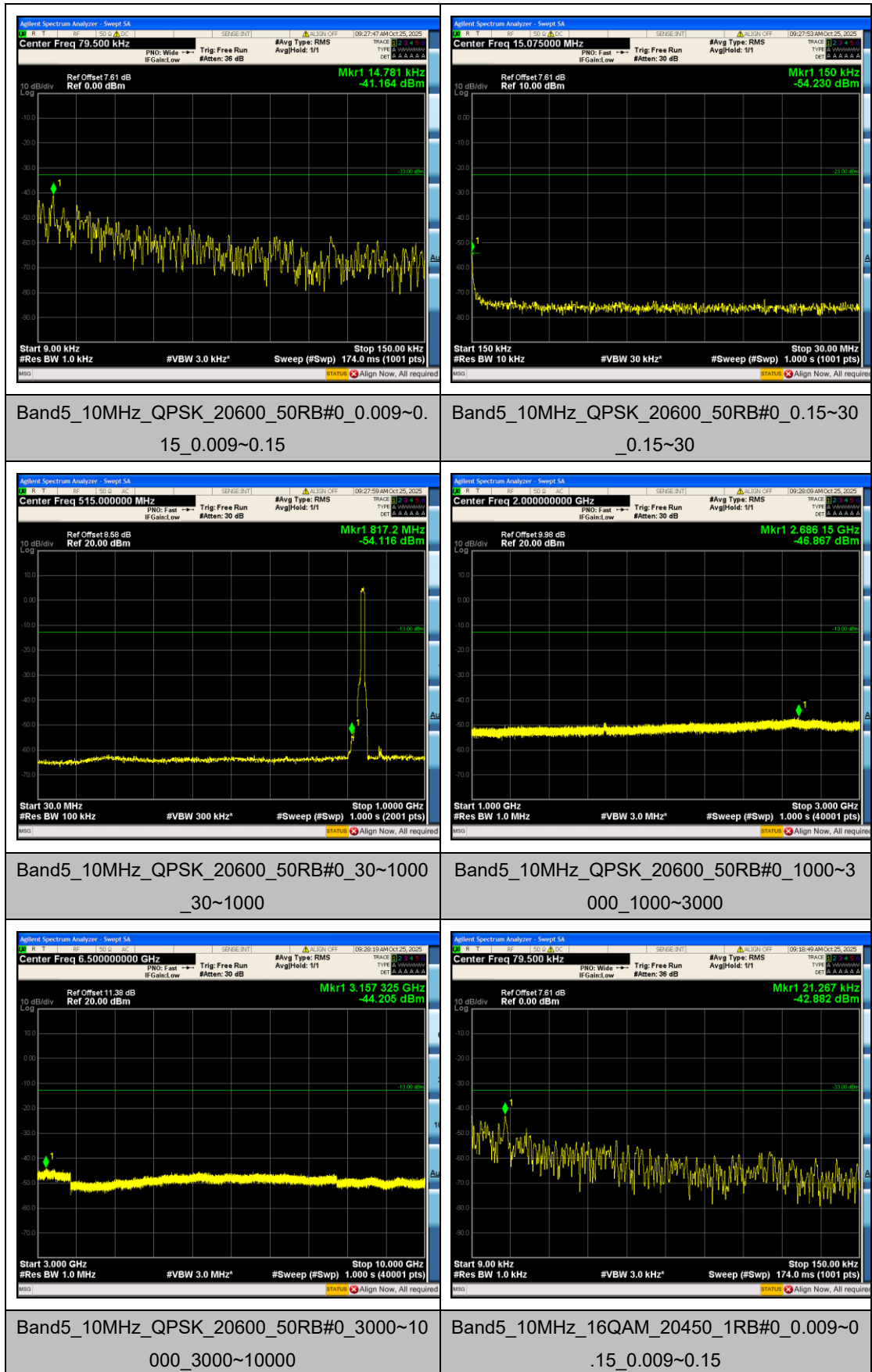


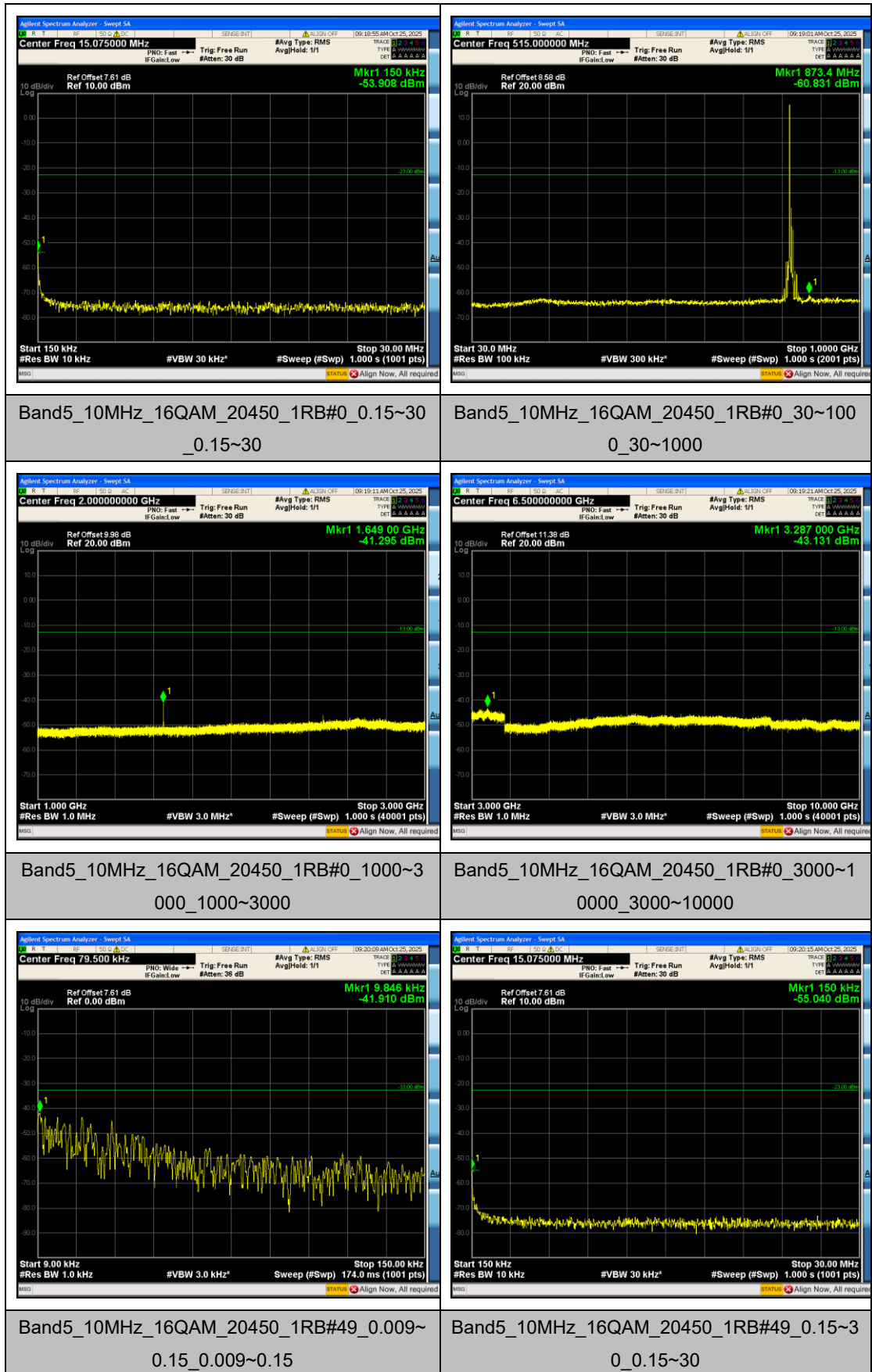


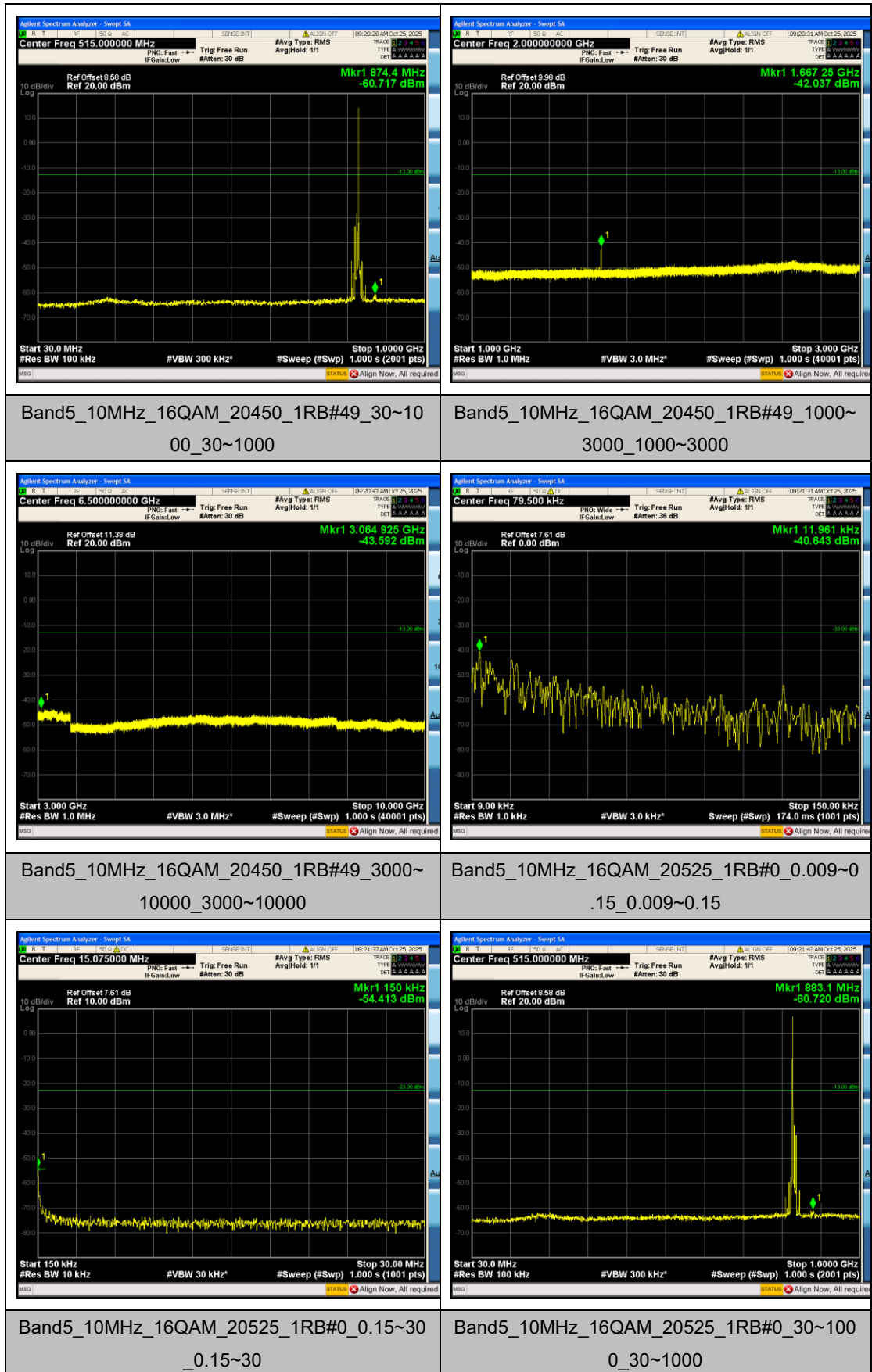


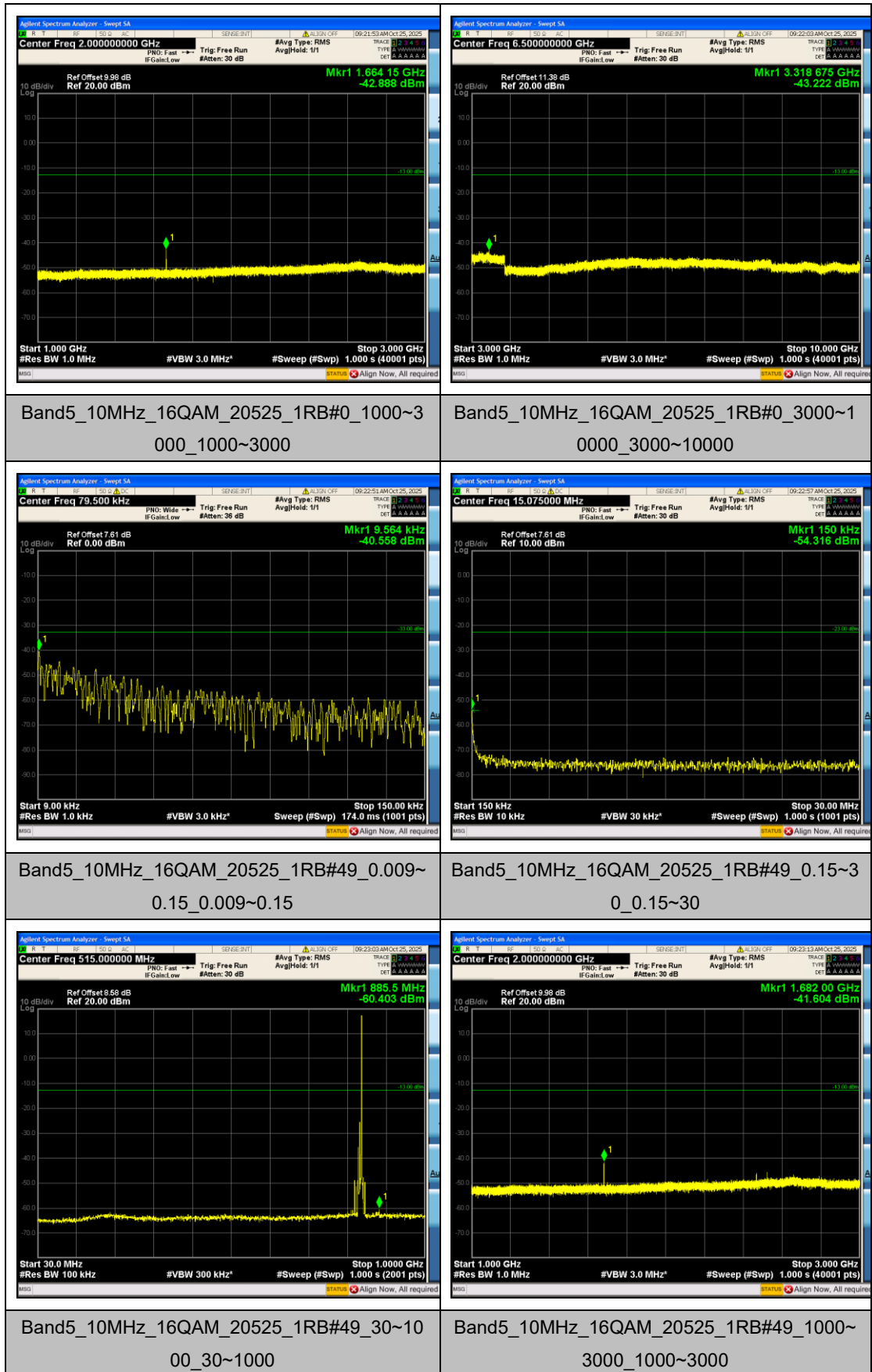


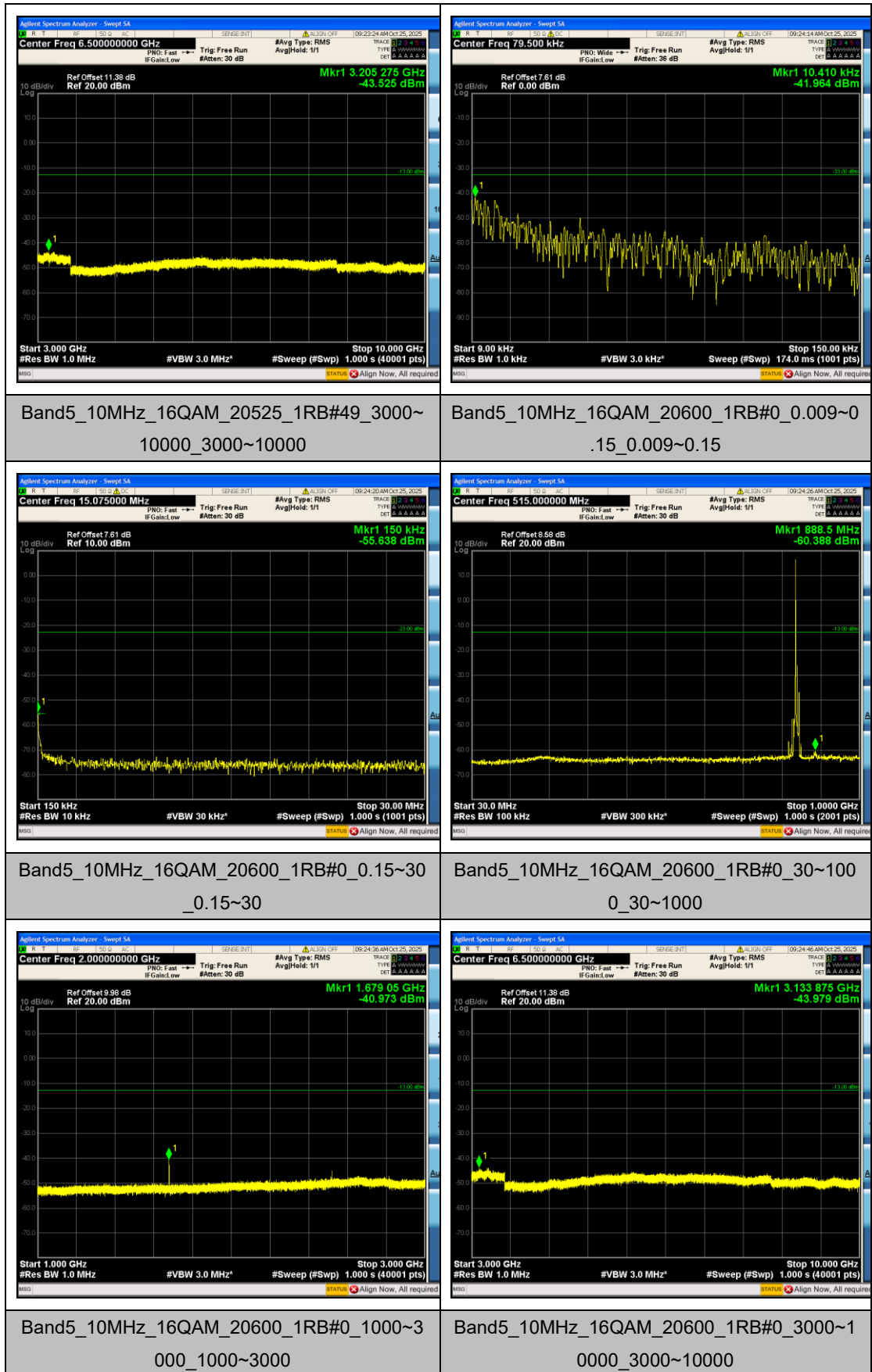


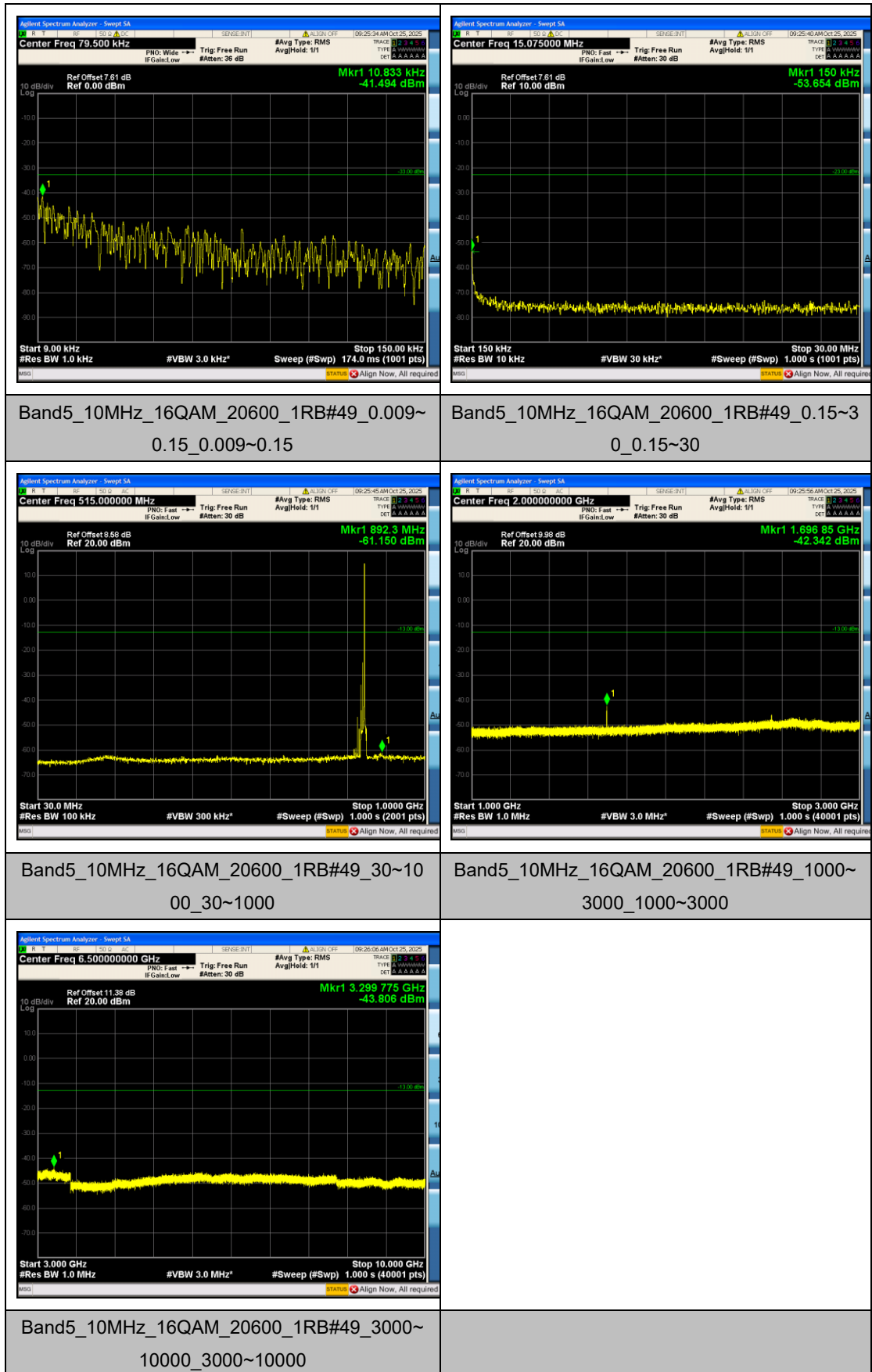












Appendix F: Frequency Stability

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
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-21.70	-0.026313	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	8.53	0.010343	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-16.34	-0.019813	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-14.63	-0.017740	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	7.55	0.009155	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	13.95	0.016915	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-4.99	-0.006051	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	10.16	0.012320	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	4.12	0.004996	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-17.35	-0.020741	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-15.06	-0.018004	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-7.00	-0.008368	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-7.70	-0.009205	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-5.89	-0.007041	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-7.02	-0.008392	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-6.05	-0.007233	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	5.05	0.006037	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-6.45	-0.007711	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-18.24	-0.021502	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-13.66	-0.016103	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-12.92	-0.015230	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-12.82	-0.015113	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-12.72	-0.014995	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-11.73	-0.013828	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-5.01	-0.005906	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-7.28	-0.008582	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-9.56	-0.011270	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-10.24	-0.012417	±2.5	PASS

Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-4.79	-0.005808	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-11.60	-0.014066	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	5.76	0.006984	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-10.26	-0.012441	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-11.34	-0.013750	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	6.38	0.007736	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	7.00	0.008488	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	4.29	0.005202	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-5.61	-0.006707	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	3.33	0.003981	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-8.58	-0.010257	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	6.18	0.007388	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-8.81	-0.010532	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	6.12	0.007316	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-3.89	-0.004650	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	6.78	0.008105	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-3.48	-0.004160	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	4.62	0.005446	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-5.41	-0.006377	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-8.05	-0.009490	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-7.84	-0.009242	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-5.61	-0.006613	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-8.08	-0.009525	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-6.62	-0.007804	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-9.77	-0.011517	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-8.60	-0.010138	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	4.09	0.004955	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	5.15	0.006239	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	2.68	0.003247	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	4.32	0.005233	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	5.26	0.006372	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	4.73	0.005730	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	3.55	0.004300	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	1.77	0.002144	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	3.99	0.004833	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	5.88	0.007029	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	2.66	0.003180	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	3.56	0.004256	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	4.11	0.004913	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	4.96	0.005929	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	2.69	0.003216	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	30	2.30	0.002750	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-2.53	-0.003025	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	5.44	0.006503	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-3.08	-0.003634	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-1.30	-0.001534	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	1.83	0.002159	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	2.13	0.002513	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	2.82	0.003327	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-1.24	-0.001463	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	3.13	0.003693	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	3.75	0.004425	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-2.27	-0.002678	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	2.78	0.003368	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	3.05	0.003695	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	5.04	0.006105	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	5.28	0.006396	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	5.44	0.006590	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	4.52	0.005475	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	4.55	0.005512	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	3.75	0.004543	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	4.01	0.004858	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	3.48	0.004160	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	4.39	0.005248	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	2.82	0.003371	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	3.56	0.004256	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	5.22	0.006240	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	4.43	0.005296	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	3.89	0.004650	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	3.19	0.003814	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	3.26	0.003897	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	1.85	0.002183	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-2.59	-0.003056	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-1.16	-0.001369	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	1.70	0.002006	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-1.80	-0.002124	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	1.87	0.002206	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-2.68	-0.003162	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	2.88	0.003398	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-2.80	-0.003304	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.49	-0.004223	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	2.22	0.002686	±2.5	PASS

Band5	5MHz	QPSK	20425	25RB#0	NV	-10	2.03	0.002456	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	2.15	0.002601	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-2.63	-0.003182	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-2.56	-0.003097	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-2.89	-0.003497	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-3.89	-0.004707	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-2.59	-0.003134	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	3.23	0.003861	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	2.06	0.002463	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-1.77	-0.002116	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	2.69	0.003216	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	2.22	0.002654	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	1.92	0.002295	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	2.47	0.002953	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-2.90	-0.003467	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	1.73	0.002068	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	3.82	0.004513	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	4.59	0.005422	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	2.62	0.003095	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	3.78	0.004465	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	3.85	0.004548	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	2.78	0.003284	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	3.35	0.003957	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	3.38	0.003993	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	2.47	0.002918	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-1.53	-0.001851	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-2.86	-0.003460	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-2.60	-0.003146	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-2.39	-0.002892	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.16	-0.003823	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-2.29	-0.002771	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-1.83	-0.002214	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-3.09	-0.003739	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-3.60	-0.004356	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	2.83	0.003383	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-3.39	-0.004053	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	3.69	0.004411	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	3.02	0.003610	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	3.55	0.004244	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	2.66	0.003180	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	2.10	0.002510	±2.5	PASS