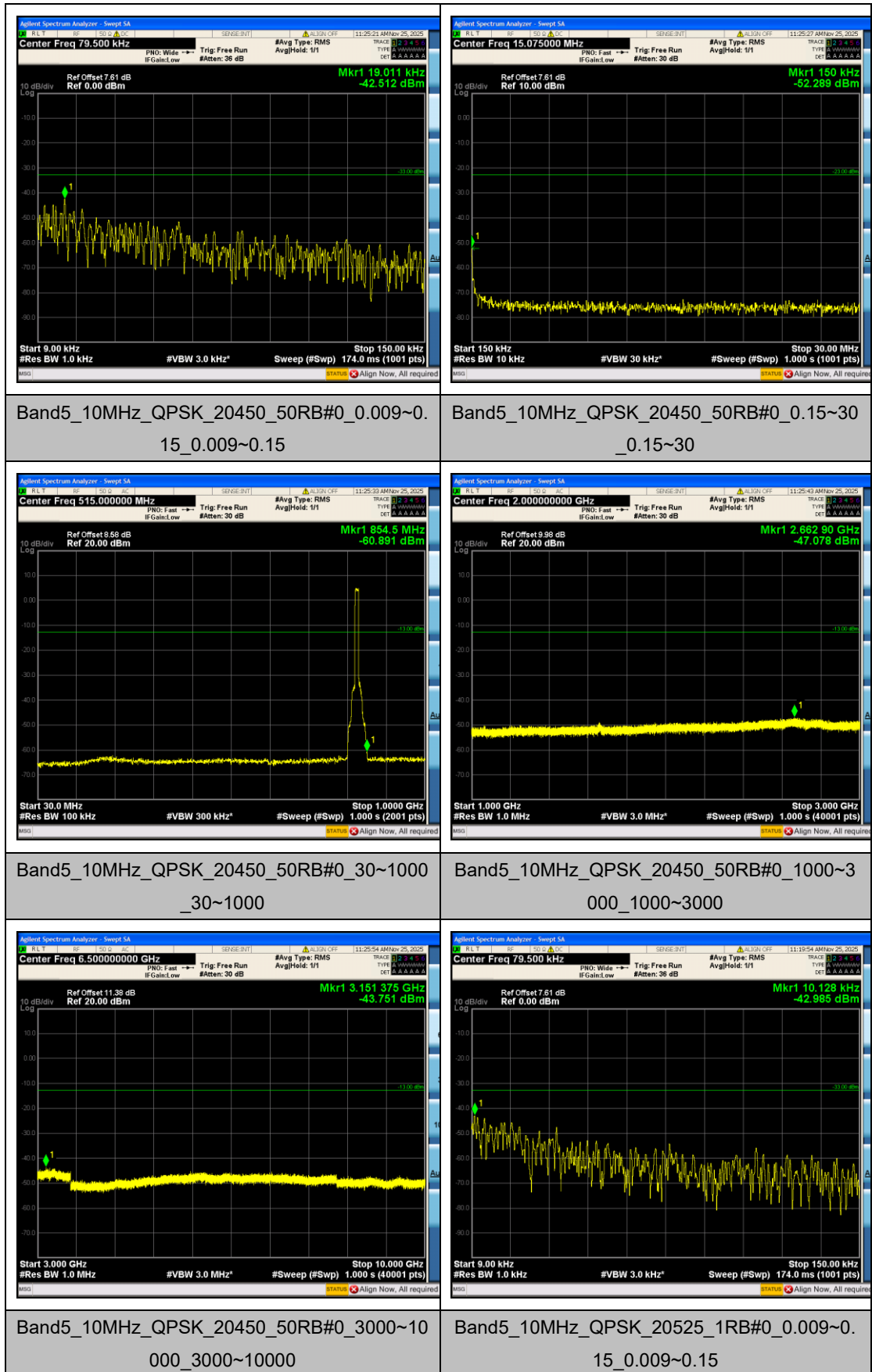
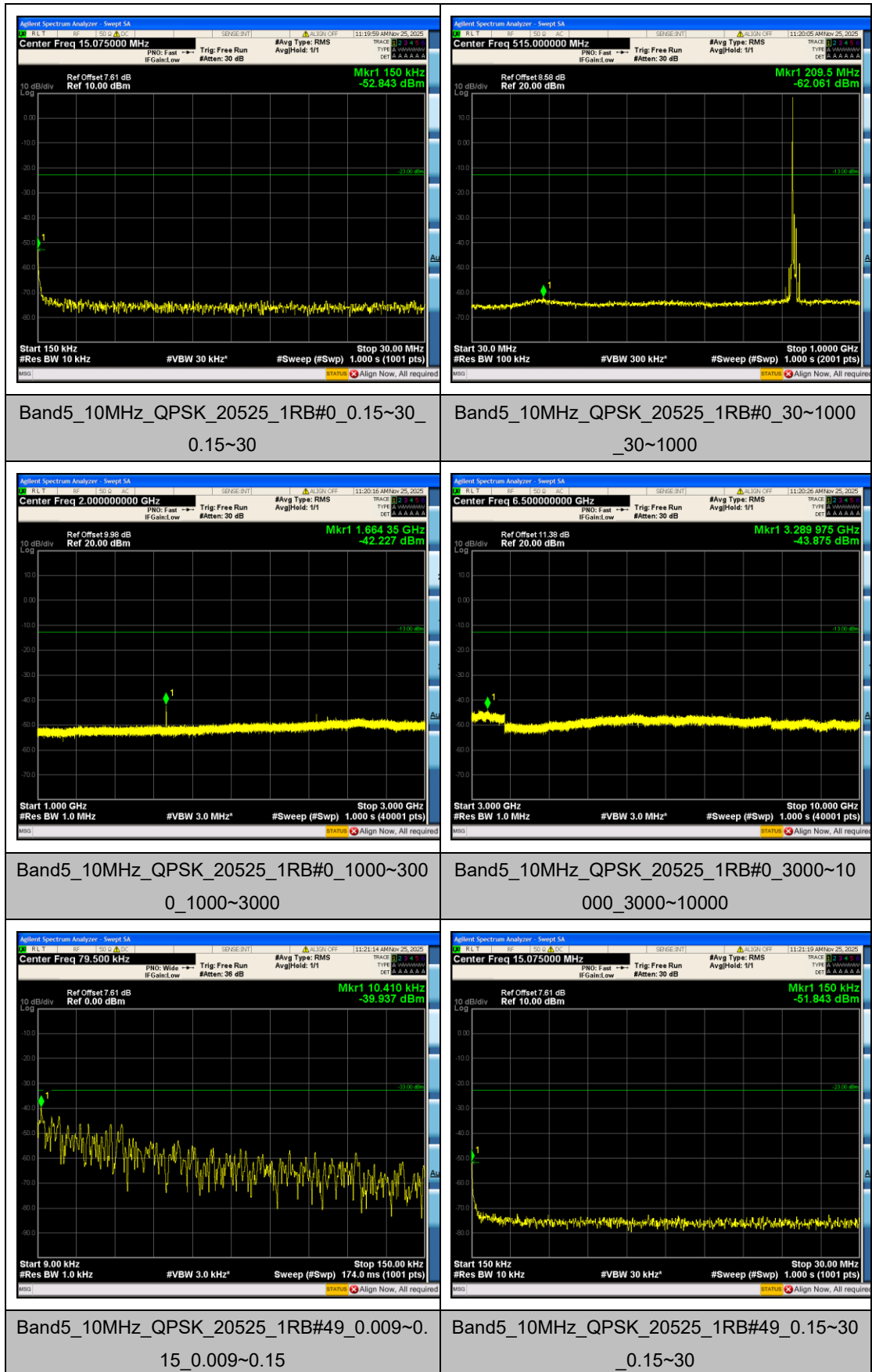
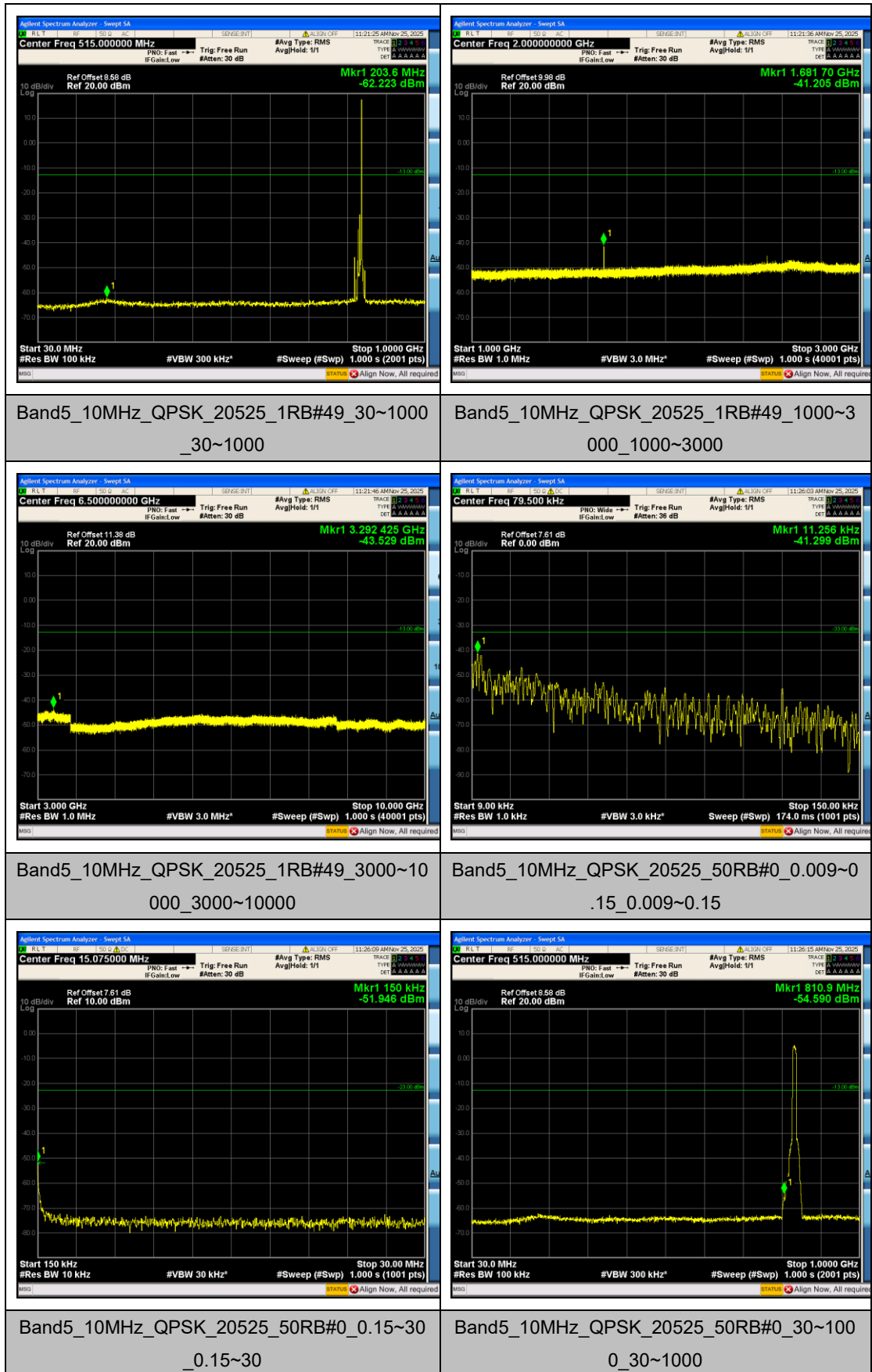
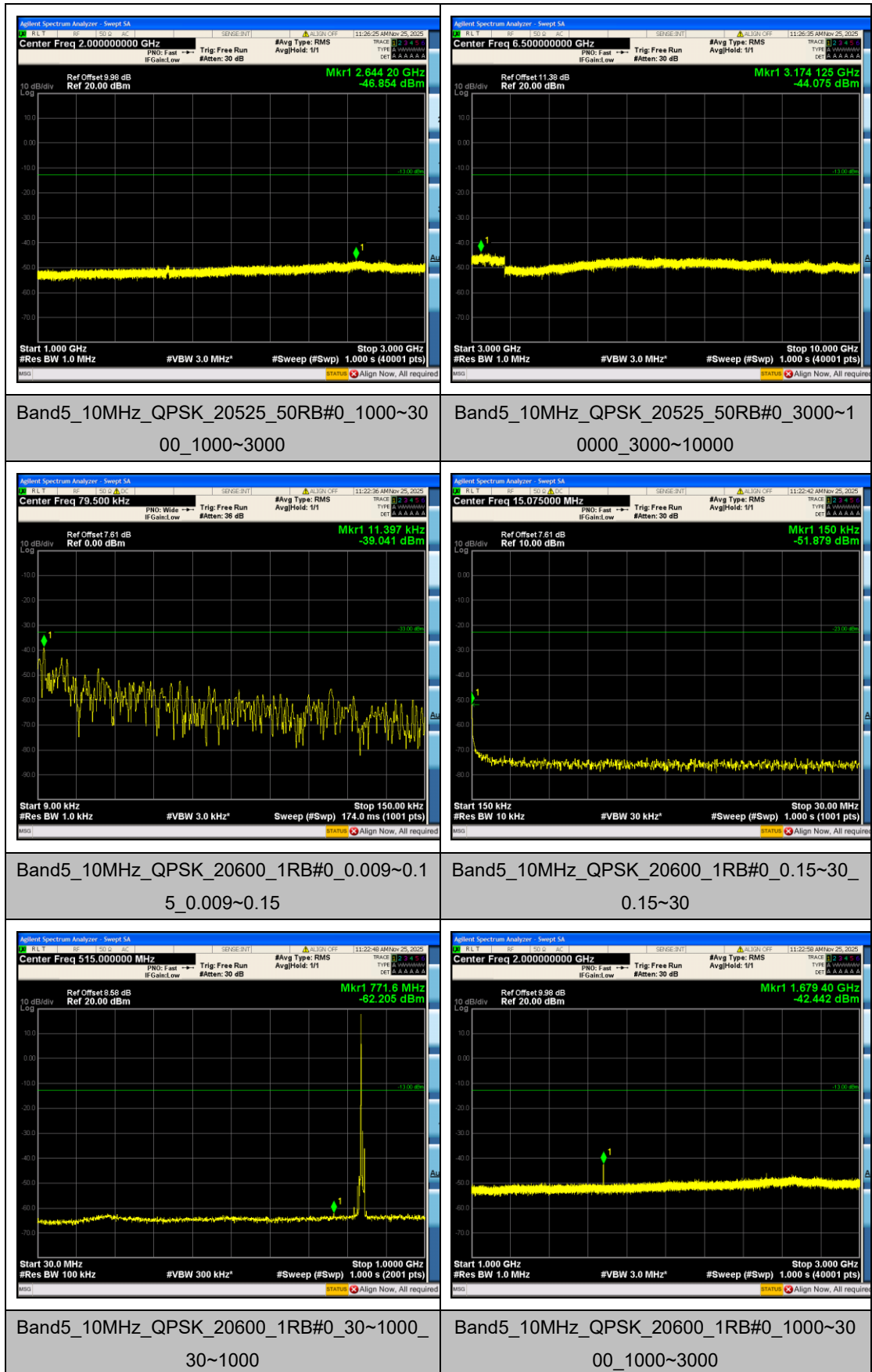
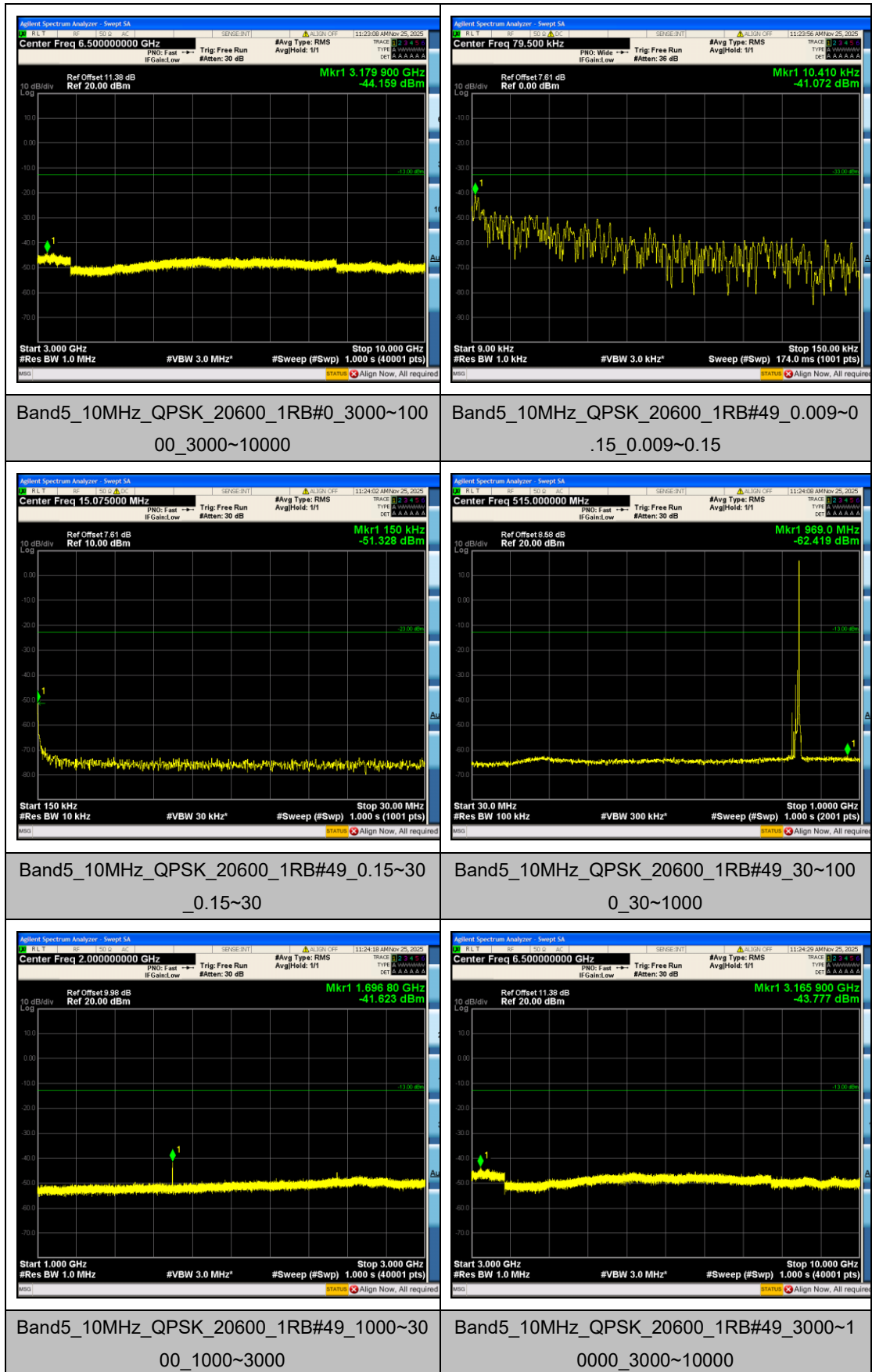


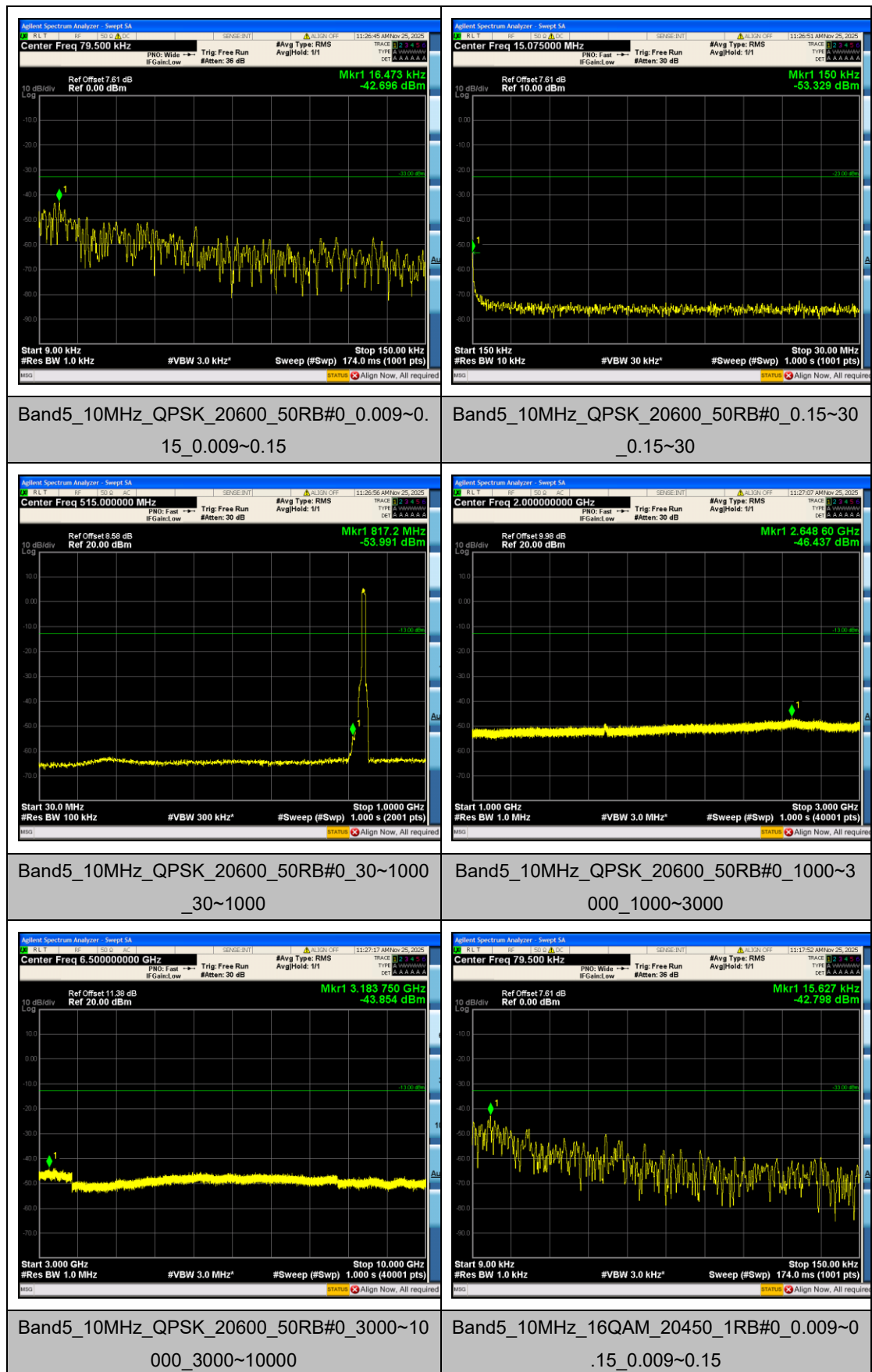


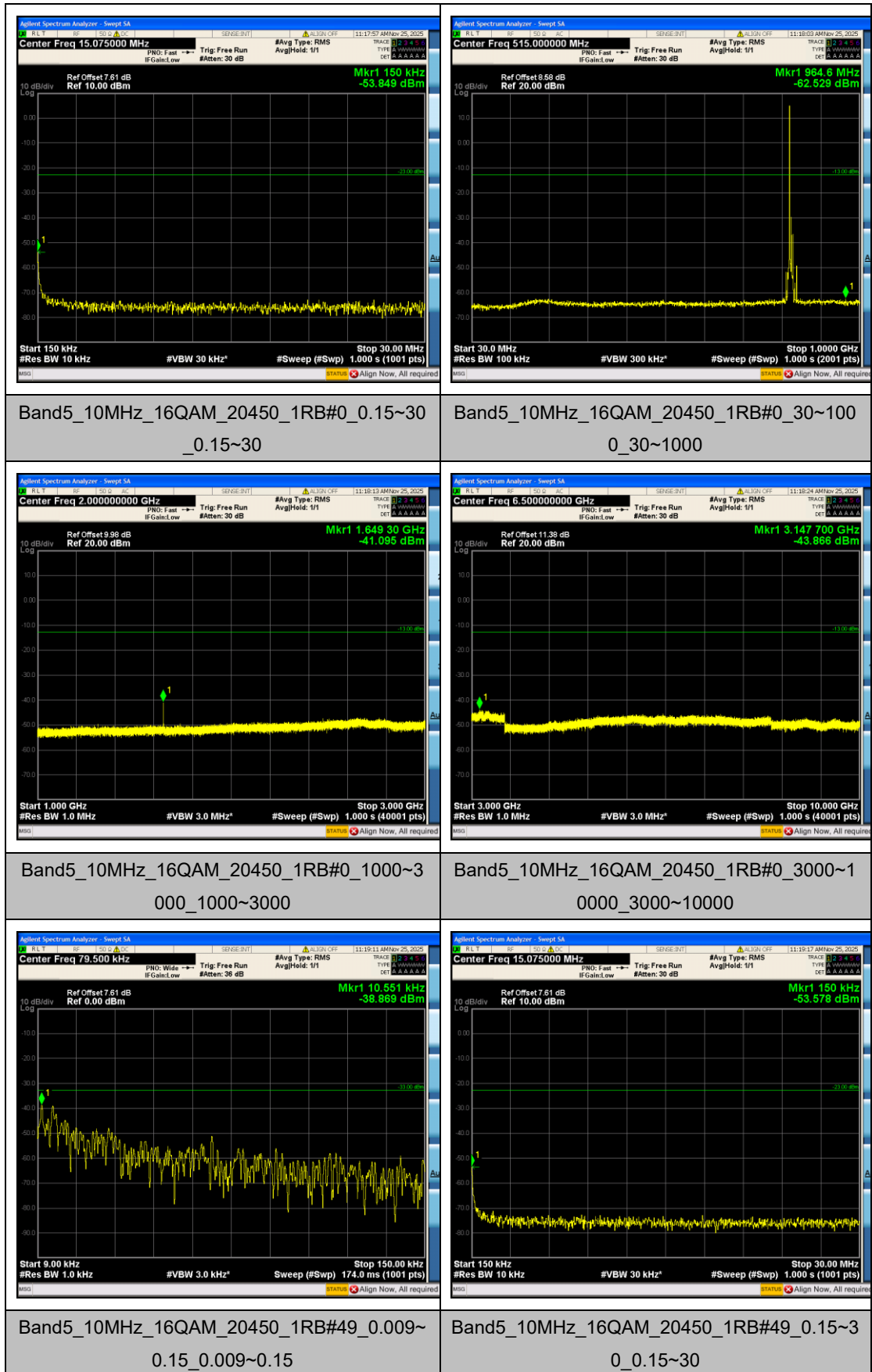


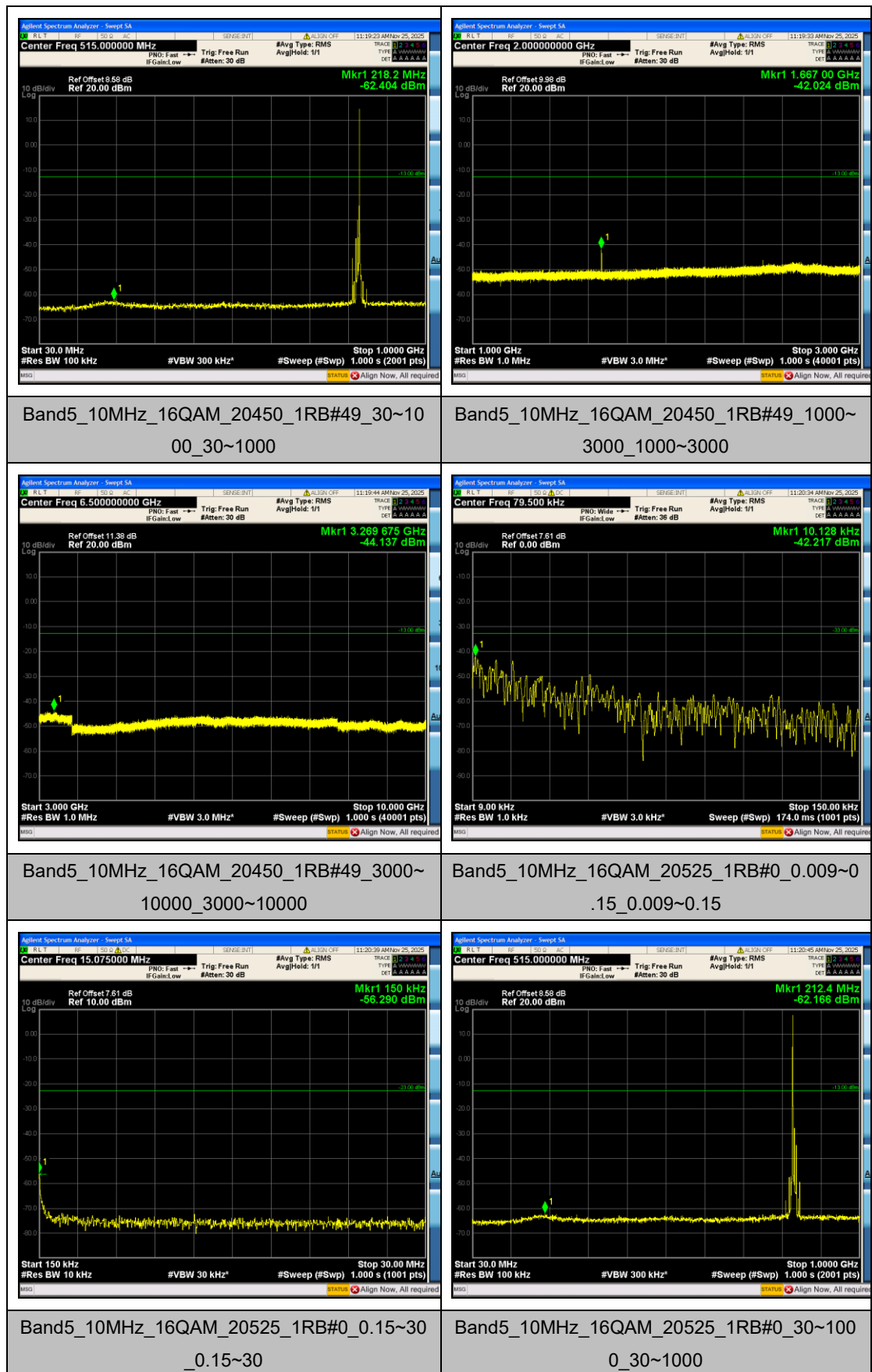


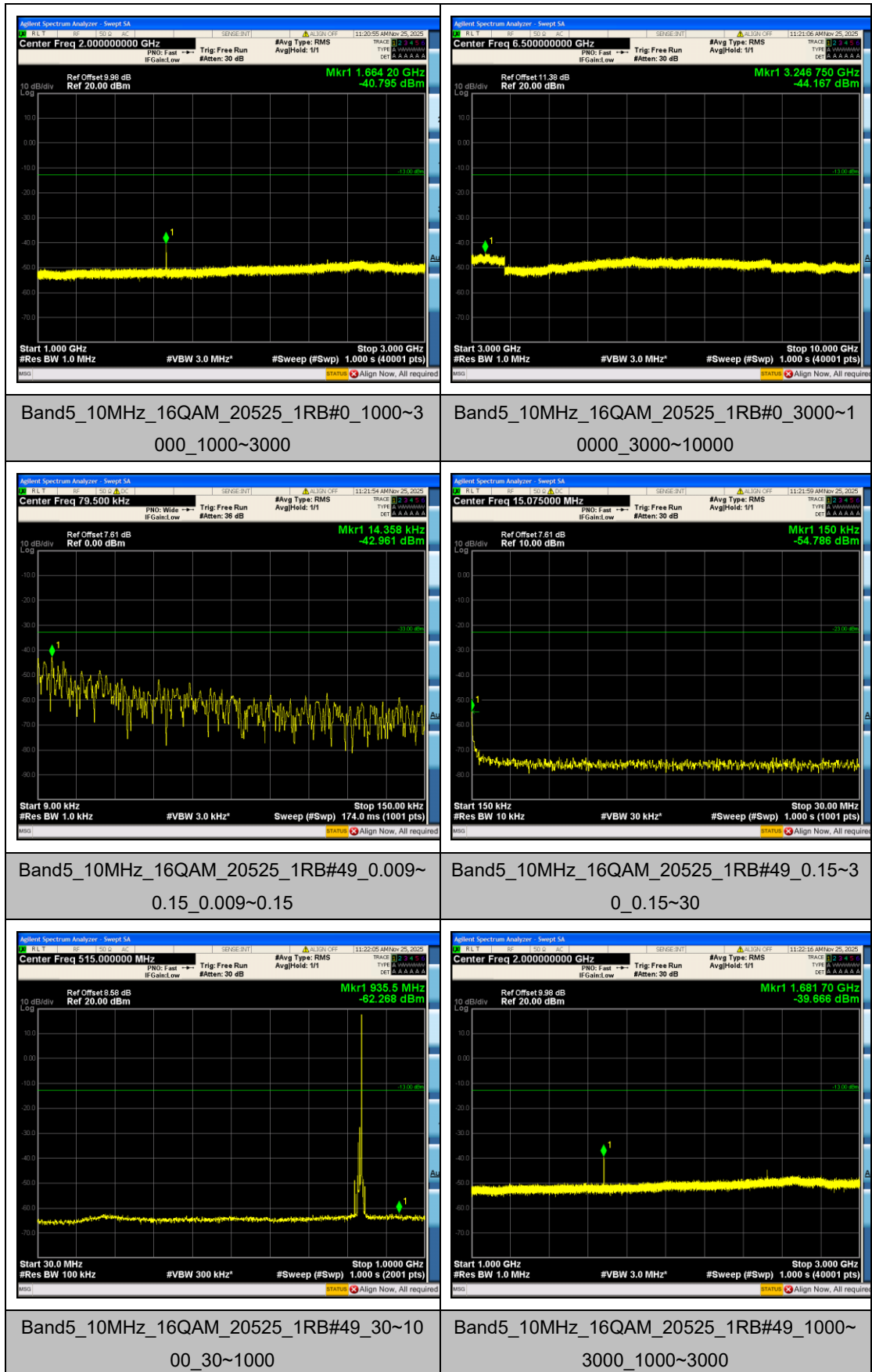


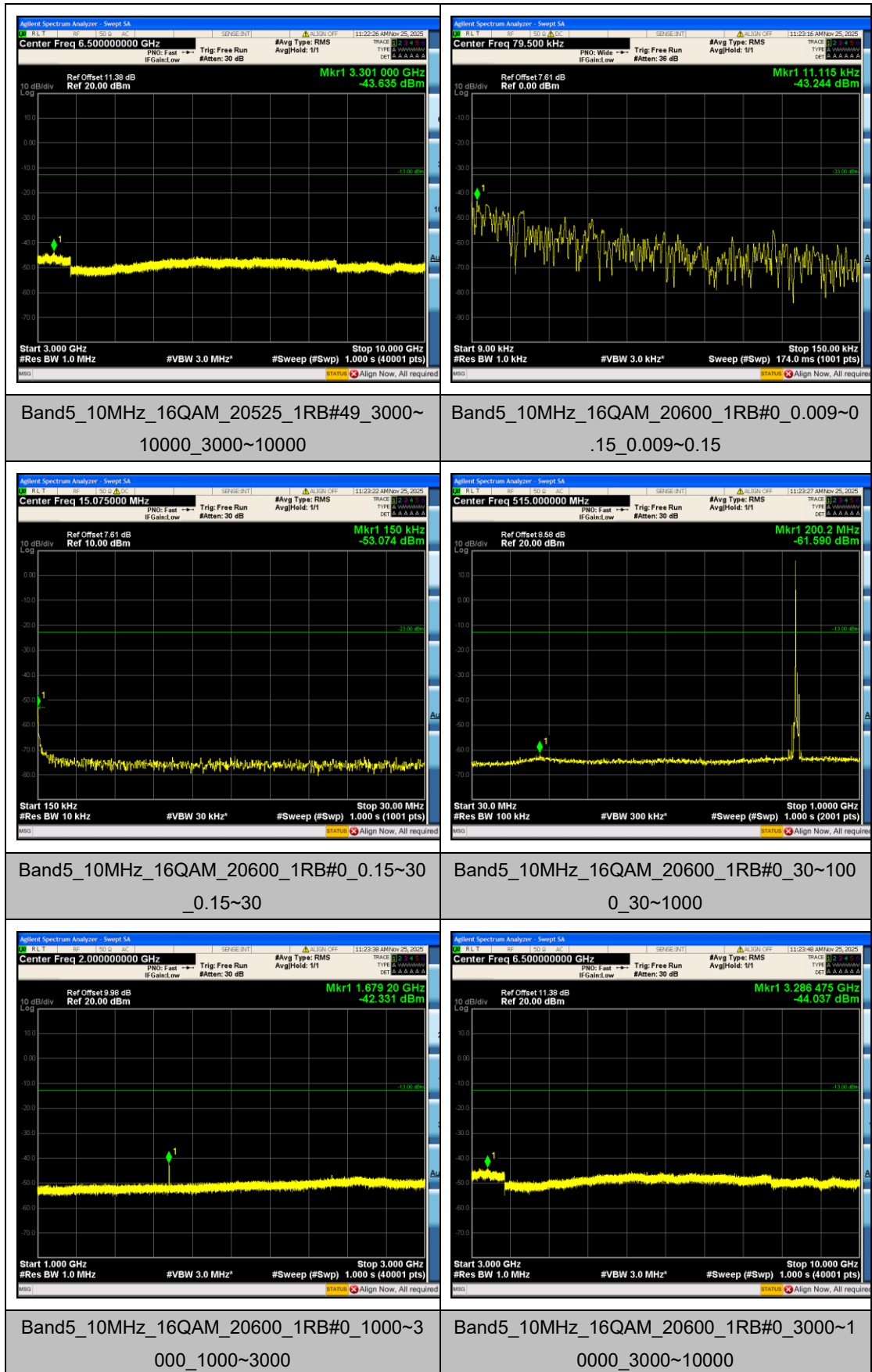


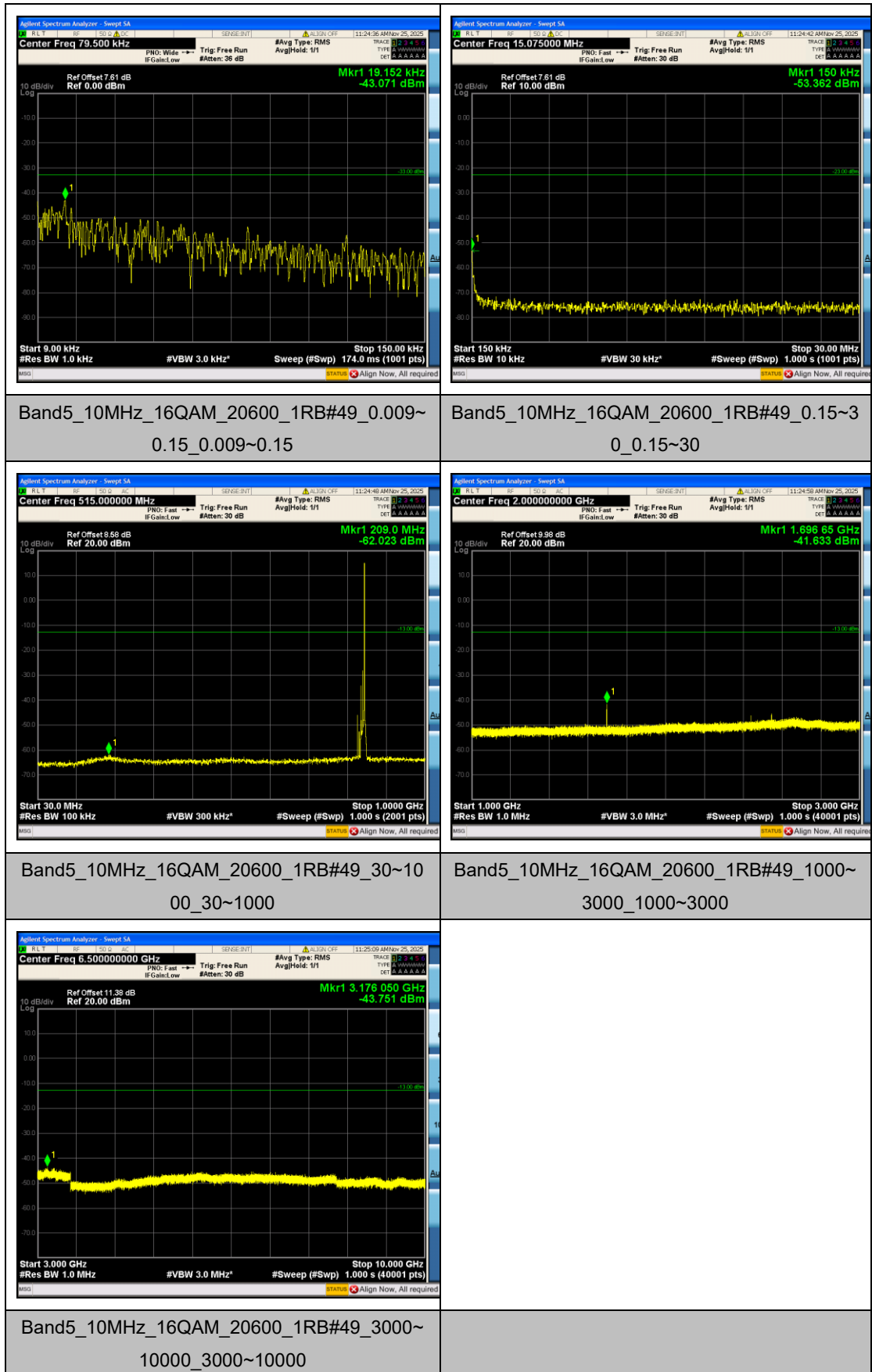












Appendix F: Frequency Stability

Test Result

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	-6.18	-0.007494	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-2.72	-0.003298	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-2.30	-0.002789	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	1.62	0.001964	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	2.79	0.003383	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-3.59	-0.004353	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-4.18	-0.005069	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-3.16	-0.003832	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-2.76	-0.003347	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-11.29	-0.013497	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-10.06	-0.012026	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-10.66	-0.012744	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-6.64	-0.007938	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-6.87	-0.008213	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-5.61	-0.006707	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-4.61	-0.005511	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-3.75	-0.004483	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-3.59	-0.004292	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-17.42	-0.020535	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-16.24	-0.019144	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-14.83	-0.017482	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-11.54	-0.013604	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-11.76	-0.013863	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-8.98	-0.010586	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-8.71	-0.010268	±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	-5.55	-0.006542	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-4.39	-0.005323	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-1.39	-0.001685	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-2.70	-0.003274	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-2.32	-0.002813	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	4.33	0.005250	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.83	-0.003432	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-2.62	-0.003177	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-3.20	-0.003880	±2.5	PASS

Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-3.49	-0.004232	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-4.58	-0.005475	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	1.96	0.002343	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-5.29	-0.006324	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-4.18	-0.004997	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-3.53	-0.004220	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	2.16	0.002582	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-2.49	-0.002977	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-2.12	-0.002534	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-2.83	-0.003383	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-4.99	-0.005882	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-5.28	-0.006224	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-4.92	-0.005800	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-3.65	-0.004303	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-4.95	-0.005835	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-4.11	-0.004845	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-4.36	-0.005140	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-4.32	-0.005093	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	3.32	0.003914	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	3.99	0.004833	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	2.46	0.002980	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	3.18	0.003852	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	2.96	0.003586	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	4.62	0.005597	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	4.72	0.005718	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	3.13	0.003792	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	3.33	0.004034	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	3.75	0.004543	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	3.56	0.004256	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	5.66	0.006766	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	3.36	0.004017	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	3.76	0.004495	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	2.96	0.003539	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	4.11	0.004913	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	5.52	0.006599	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	3.85	0.004603	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	3.18	0.003802	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	1.93	0.002277	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	2.72	0.003209	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	1.46	0.001723	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	2.09	0.002466	±2.5	PASS

Band5	3MHz	QPSK	20635	15RB#0	NV	10	2.95	0.003481	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	3.40	0.004012	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	3.29	0.003882	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	2.20	0.002596	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	4.29	0.005062	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	5.26	0.006372	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	4.39	0.005318	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	3.60	0.004361	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	4.96	0.006008	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	3.76	0.004555	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	3.53	0.004276	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	5.26	0.006372	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	3.62	0.004385	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	6.51	0.007886	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	5.02	0.006001	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	3.25	0.003885	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	4.03	0.004818	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	4.63	0.005535	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	5.65	0.006754	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	4.55	0.005439	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	4.89	0.005846	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	4.58	0.005475	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	5.87	0.007017	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	4.66	0.005499	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	4.25	0.005015	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	2.63	0.003103	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	4.06	0.004791	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-2.73	-0.003221	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	2.29	0.002702	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	3.02	0.003563	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	2.82	0.003327	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-3.65	-0.004307	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	3.92	0.004743	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	3.48	0.004211	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	1.69	0.002045	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	3.49	0.004223	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	3.16	0.003823	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	2.92	0.003533	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	3.23	0.003908	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	3.56	0.004307	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	5.41	0.006546	±2.5	PASS

Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-2.98	-0.003562	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	3.92	0.004686	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	2.33	0.002785	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-3.09	-0.003694	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-2.99	-0.003574	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	3.79	0.004531	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	1.86	0.002224	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-2.22	-0.002654	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	2.65	0.003168	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	2.27	0.002682	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-2.57	-0.003036	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	1.39	0.001642	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	2.89	0.003414	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	4.69	0.005540	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-2.46	-0.002906	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	2.05	0.002422	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-3.15	-0.003721	±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	3.83	0.004634	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	2.15	0.002601	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	3.50	0.004235	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	2.59	0.003134	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	3.85	0.004658	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	2.43	0.002940	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	1.30	0.001573	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	3.68	0.004453	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	2.90	0.003509	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	2.36	0.002821	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	2.40	0.002869	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	2.75	0.003288	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	2.06	0.002463	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	1.76	0.002104	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-3.26	-0.003897	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	2.68	0.003204	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	2.29	0.002738	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	3.13	0.003742	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	4.06	0.004796	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	3.86	0.004560	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	3.89	0.004595	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	2.46	0.002906	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-2.86	-0.003379	±2.5	PASS