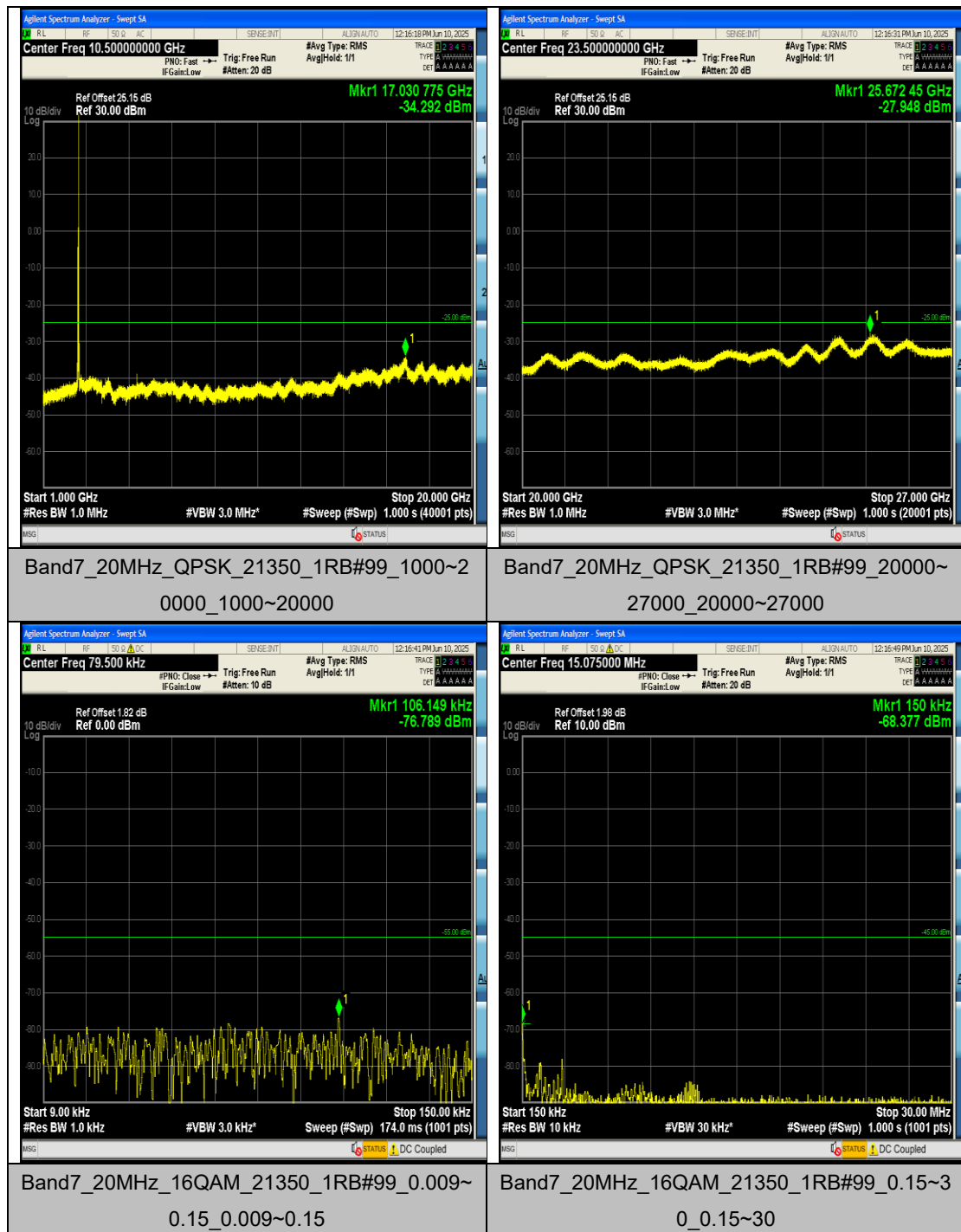
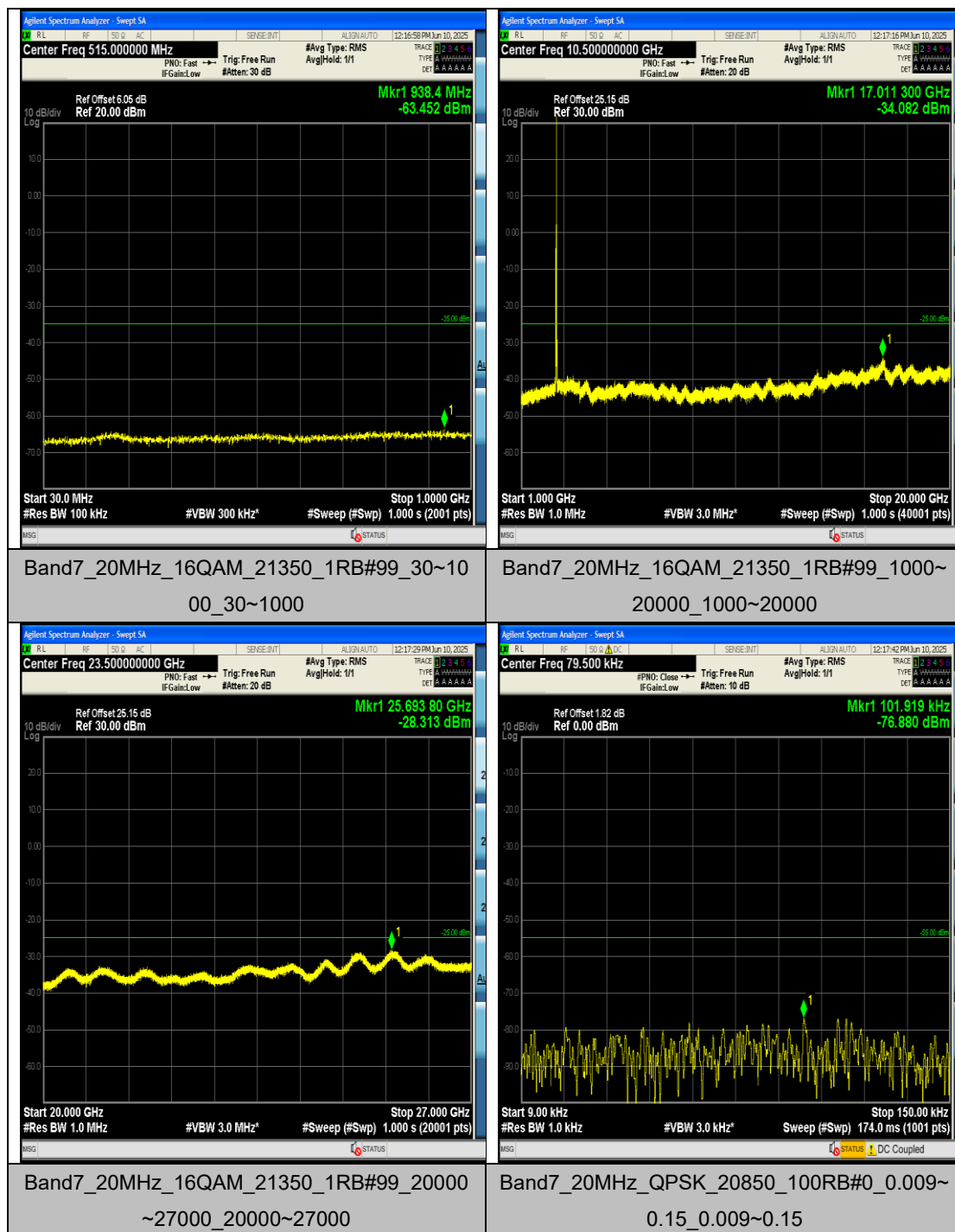
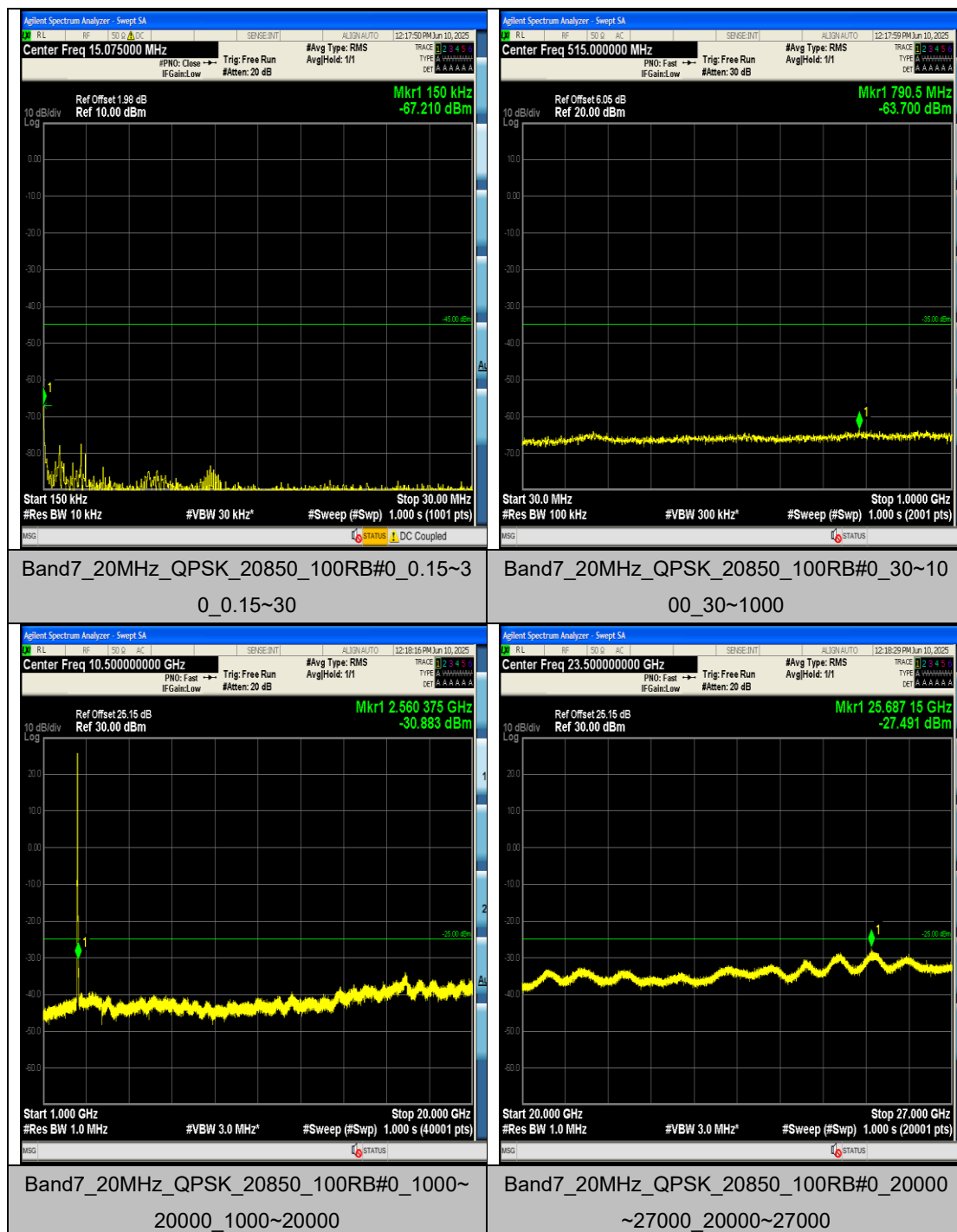
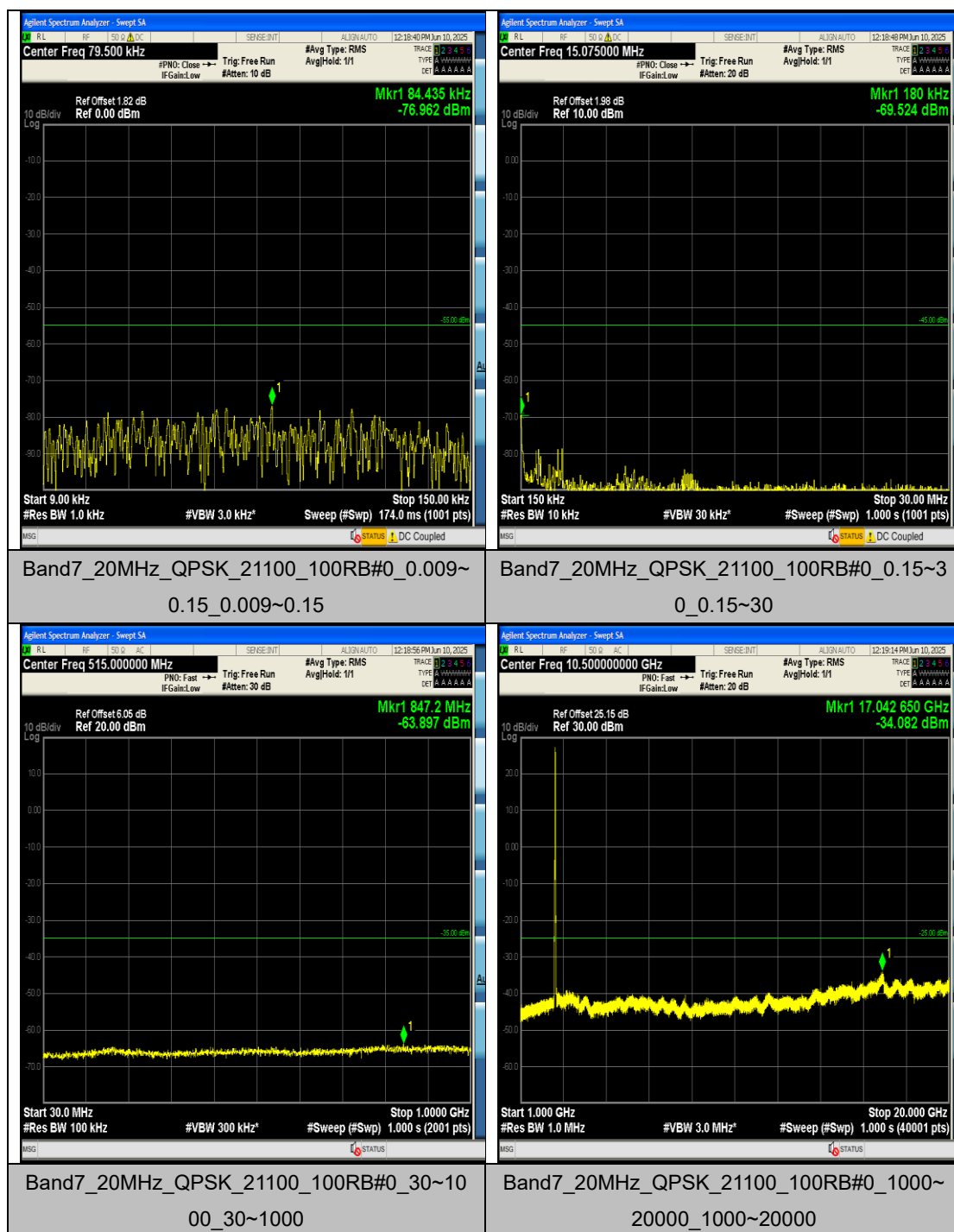
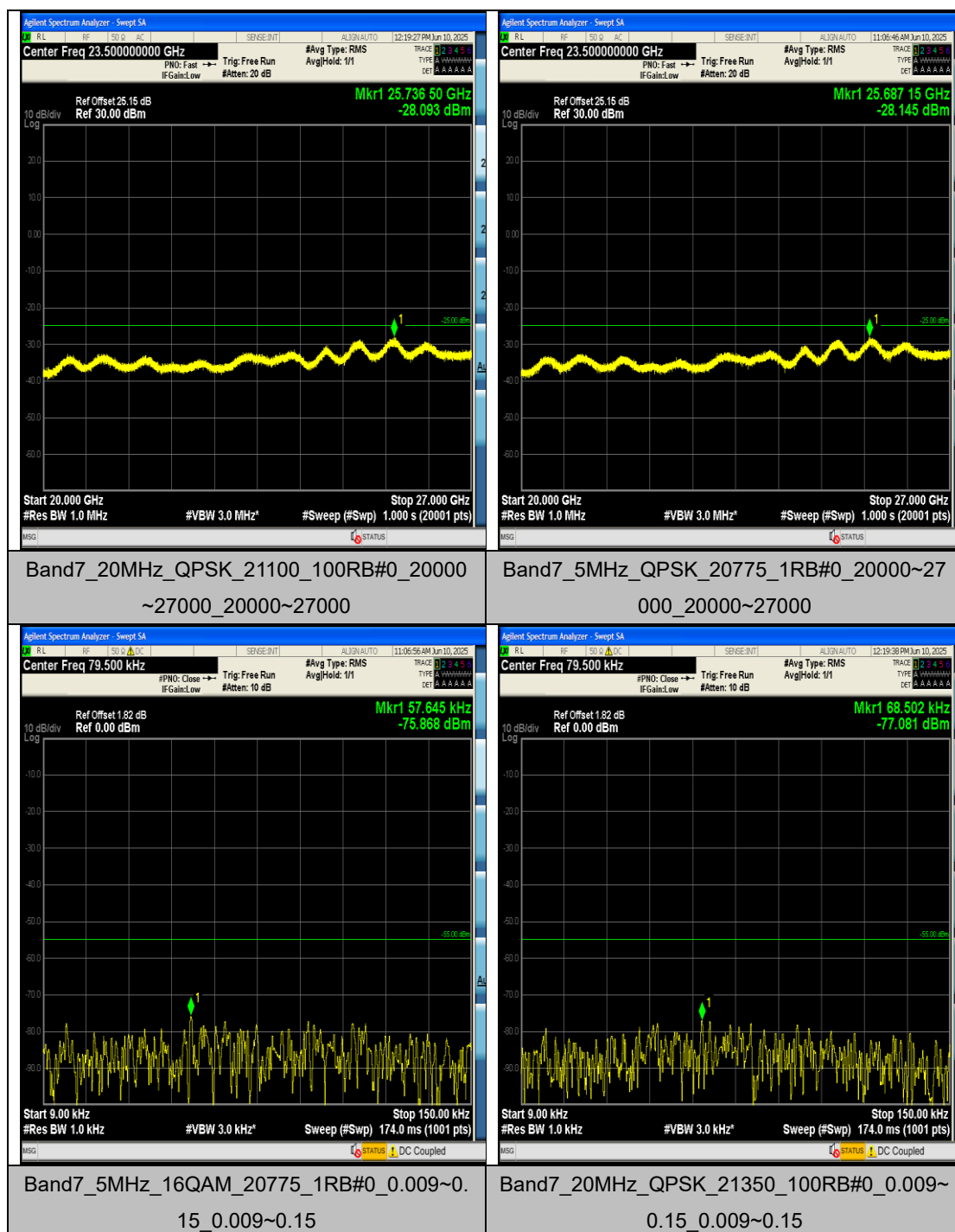


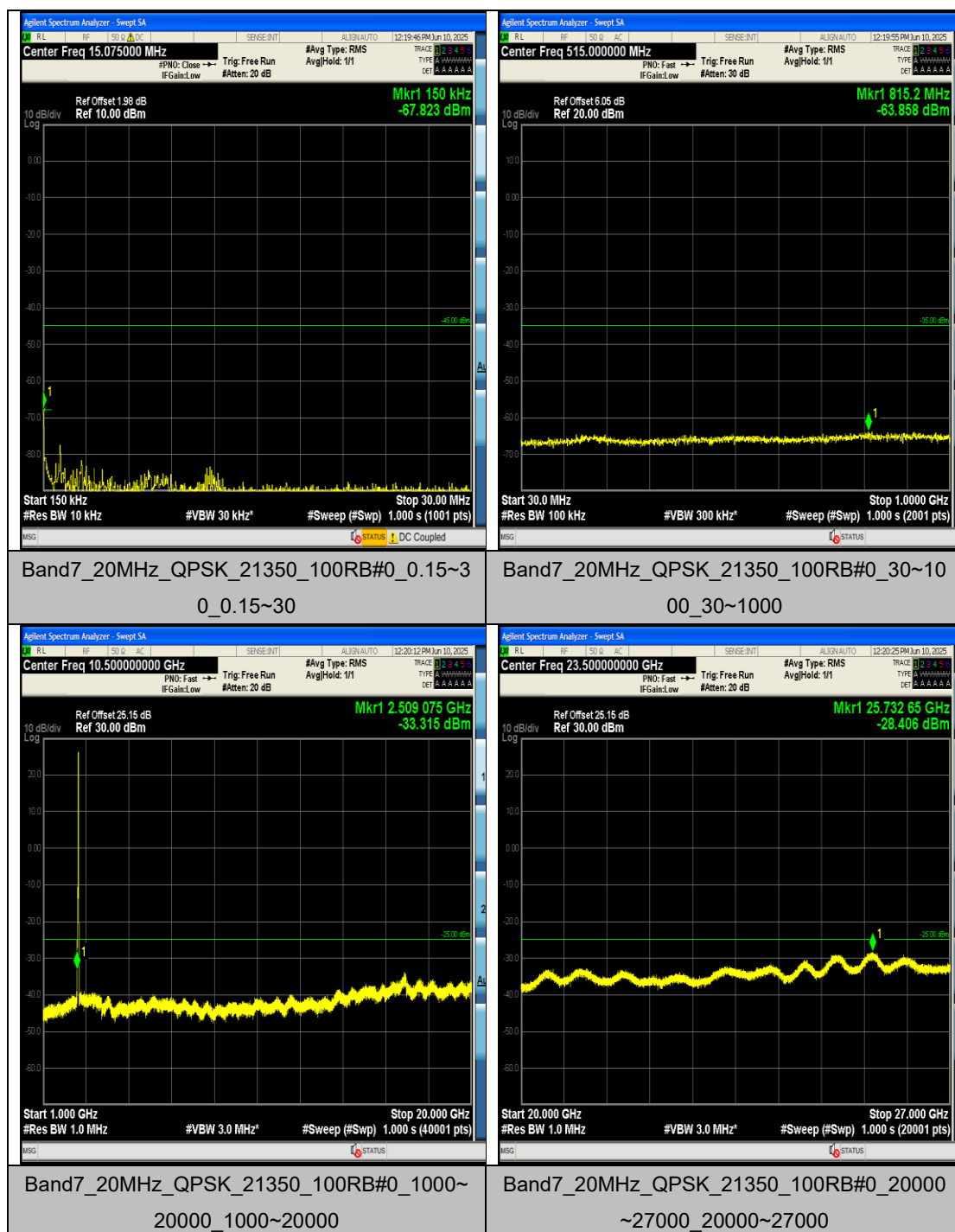


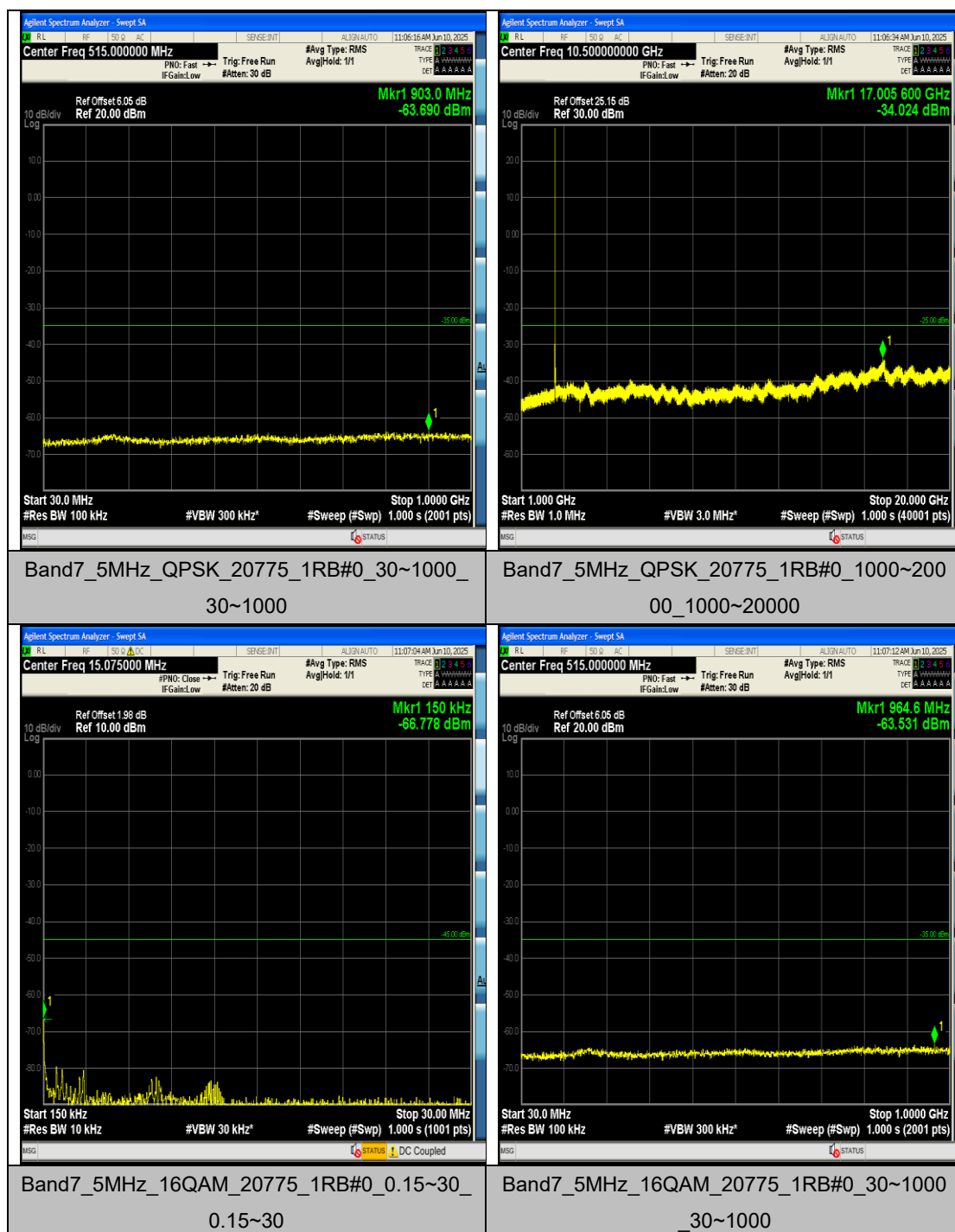


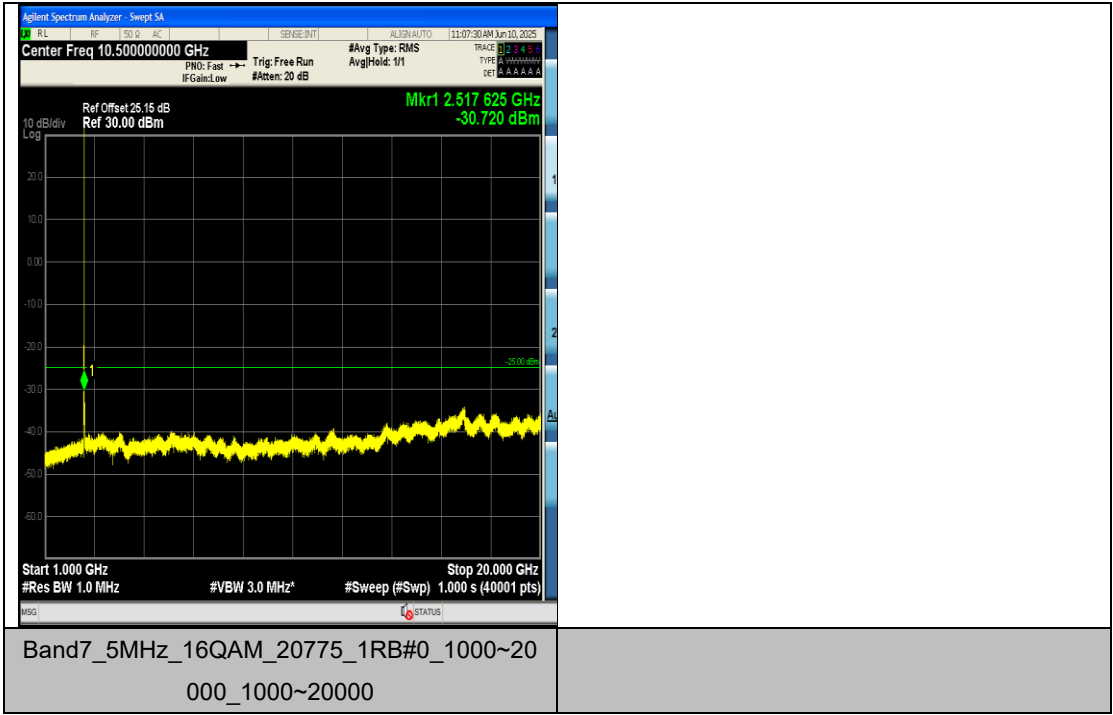












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-28.16	-0.011253	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-13.93	-0.005566	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-30.99	-0.012384	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	28.57	0.011417	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	10.16	0.004060	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	24.47	0.009778	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	31.82	0.012552	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-6.01	-0.002371	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-11.57	-0.004564	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	22.86	0.009018	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	23.59	0.009306	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	15.45	0.006095	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	31.27	0.012179	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-25.58	-0.009963	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-22.99	-0.008954	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	21.78	0.008483	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	21.52	0.008382	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-6.79	-0.002645	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	32.08	0.012806	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-12.58	-0.005022	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-13.16	-0.005253	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-16.64	-0.006564	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	13.05	0.005148	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-3.69	-0.001456	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-25.06	-0.009770	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-8.76	-0.003415	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-18.75	-0.007310	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-8.70	-0.003470	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-14.89	-0.005938	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	-30.34	-0.012100	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-12.52	-0.004939	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	30.72	0.012118	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	9.64	0.003803	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	21.33	0.008324	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	6.61	0.002580	Note1	PASS

Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-18.44	-0.007196	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-19.60	-0.007809	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-18.54	-0.007386	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-24.26	-0.009665	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-27.09	-0.010686	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	8.50	0.003353	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	18.24	0.007195	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	4.83	0.001887	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-7.23	-0.002824	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-10.97	-0.004285	Note1	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-9.12	-0.003644	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-14.21	-0.005678	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	-5.24	-0.002094	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-4.04	-0.001614	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-7.00	-0.002797	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	7.35	0.002937	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	-7.31	-0.002921	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-10.34	-0.004132	Note1	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	16.92	0.006761	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-17.82	-0.007121	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-20.88	-0.008344	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	-25.78	-0.010302	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-10.68	-0.004268	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-26.45	-0.010569	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-22.20	-0.008871	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-18.10	-0.007233	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-8.16	-0.003261	Note1	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	-14.01	-0.005598	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-9.56	-0.003771	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	10.18	0.004016	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	12.20	0.004813	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	8.82	0.003479	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	24.90	0.009822	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	26.82	0.010580	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	12.39	0.004888	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	13.14	0.005183	Note1	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	25.52	0.010067	Note1	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	-30	22.59	0.008911	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	24.74	0.009759	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	-11.65	-0.004596	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-24.81	-0.009787	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-26.52	-0.010462	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-12.27	-0.004840	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-10.23	-0.004036	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	5.76	0.002272	Note1	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	9.02	0.003558	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-25.93	-0.010099	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-27.90	-0.010867	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	-15.96	-0.006216	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-10.44	-0.004066	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-26.96	-0.010500	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-22.26	-0.008670	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-18.31	-0.007131	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	4.85	0.001889	Note1	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	24.73	0.009632	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	16.50	0.006426	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	8.77	0.003416	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	10.38	0.004043	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	22.89	0.008915	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-6.21	-0.002419	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	10.25	0.003992	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	18.49	0.007202	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	-18.55	-0.007225	Note1	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	-31.74	-0.012362	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-19.34	-0.007721	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-25.73	-0.010271	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-25.64	-0.010236	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-18.44	-0.007361	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-9.59	-0.003828	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	2.04	0.000814	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	20.12	0.008032	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	20.34	0.008120	Note1	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-5.80	-0.002315	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	11.20	0.004418	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	18.68	0.007369	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	21.61	0.008525	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	8.38	0.003306	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	17.32	0.006832	Note1	PASS

Band7	10MHz	QPSK	21100	50RB#0	NV	20	11.03	0.004351	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-8.07	-0.003183	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-29.32	-0.011566	Note1	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-9.26	-0.003653	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-28.27	-0.011021	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-32.18	-0.012546	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-18.51	-0.007216	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-12.36	-0.004819	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-13.11	-0.005111	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-6.41	-0.002499	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-10.93	-0.004261	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-10.27	-0.004004	Note1	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-15.49	-0.006039	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-7.54	-0.003007	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-7.36	-0.002935	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	-7.86	-0.003135	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-23.21	-0.009256	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-26.47	-0.010556	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-6.78	-0.002704	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-15.39	-0.006138	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-16.84	-0.006716	Note1	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-28.52	-0.011374	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	25.30	0.009980	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	15.85	0.006252	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	16.01	0.006316	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	11.46	0.004521	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	12.89	0.005085	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-2.94	-0.001160	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	33.64	0.013270	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	15.29	0.006032	Note1	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	20.38	0.008039	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-26.99	-0.010533	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-20.89	-0.008152	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	-28.89	-0.011274	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-22.15	-0.008644	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-19.59	-0.007645	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	7.23	0.002821	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-10.66	-0.004160	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-16.35	-0.006380	Note1	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-5.50	-0.002146	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-28.81	-0.011478	Note1	PASS

Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-18.13	-0.007223	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-19.99	-0.007964	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-14.90	-0.005936	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-17.29	-0.006888	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-6.28	-0.002502	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-22.06	-0.008789	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-18.57	-0.007398	Note1	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-20.13	-0.008020	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-5.43	-0.002142	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	4.67	0.001842	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	26.13	0.010308	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	13.68	0.005396	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	9.55	0.003767	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-9.56	-0.003771	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-16.99	-0.006702	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-10.05	-0.003964	Note1	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-26.90	-0.010611	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-22.24	-0.008688	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-20.75	-0.008105	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-24.29	-0.009488	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-29.71	-0.011605	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-23.49	-0.009176	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-18.22	-0.007117	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-24.38	-0.009523	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-25.74	-0.010055	Note1	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	5.75	0.002246	Note1	PASS

Note1: The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.