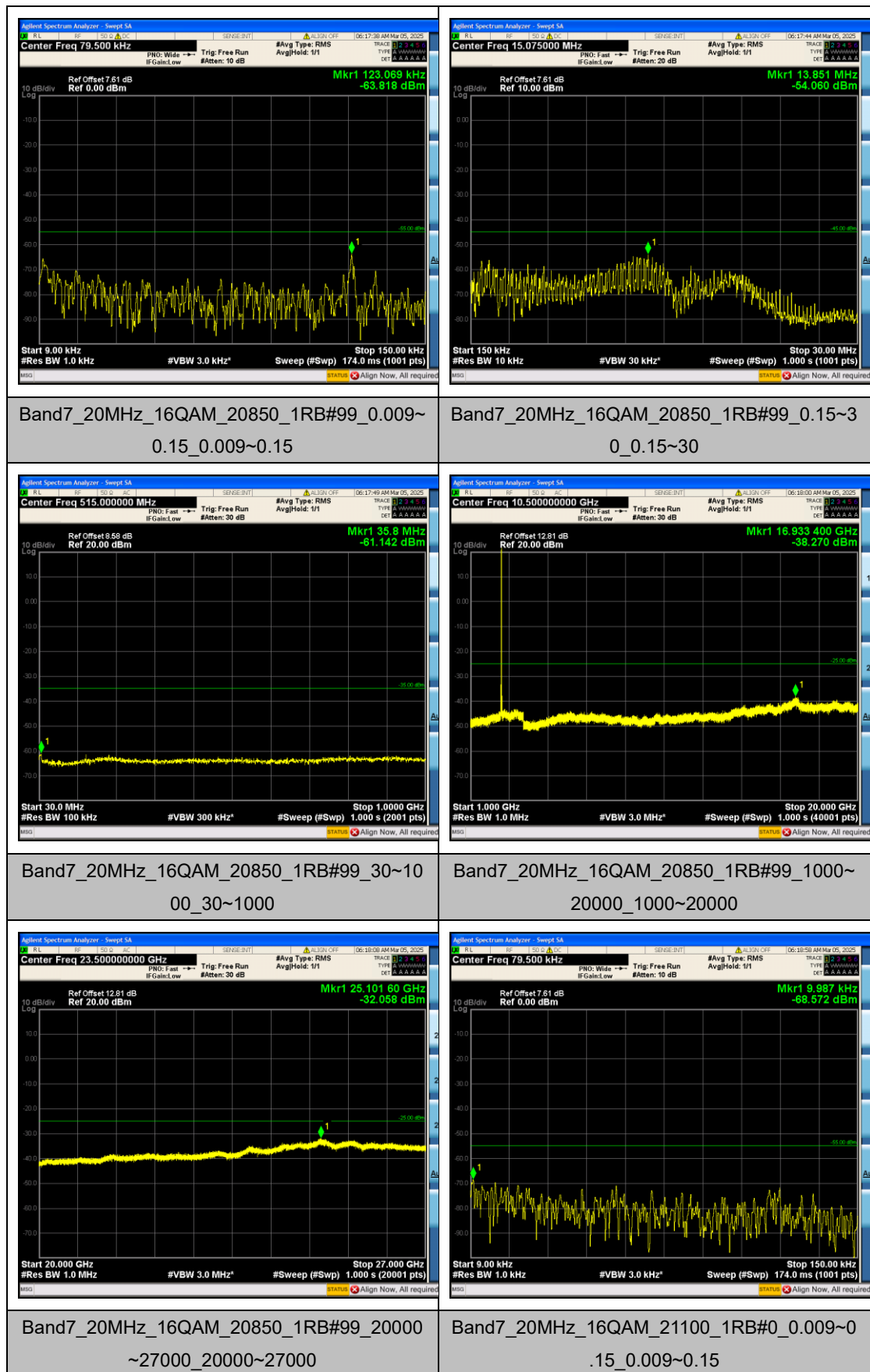
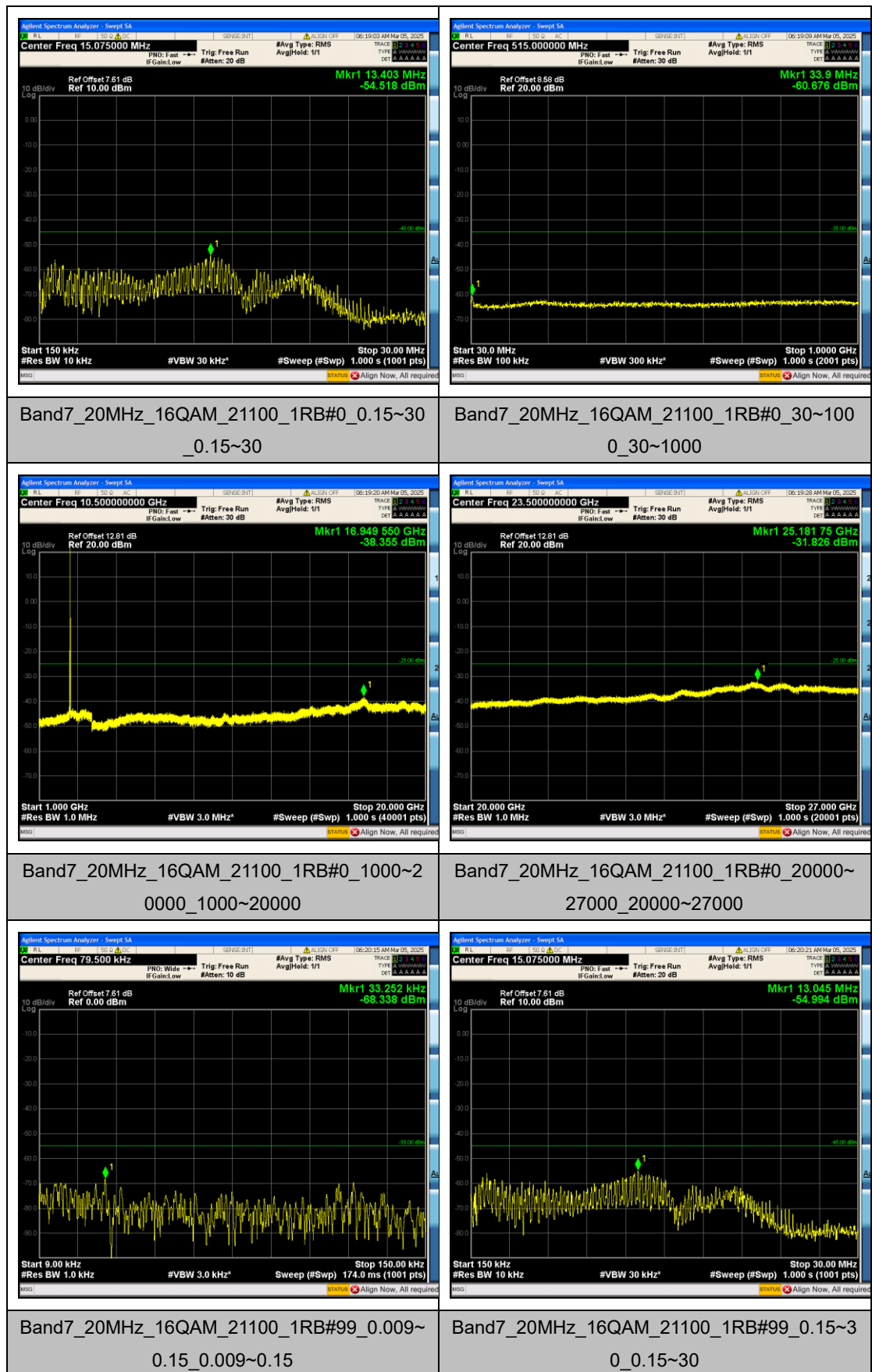
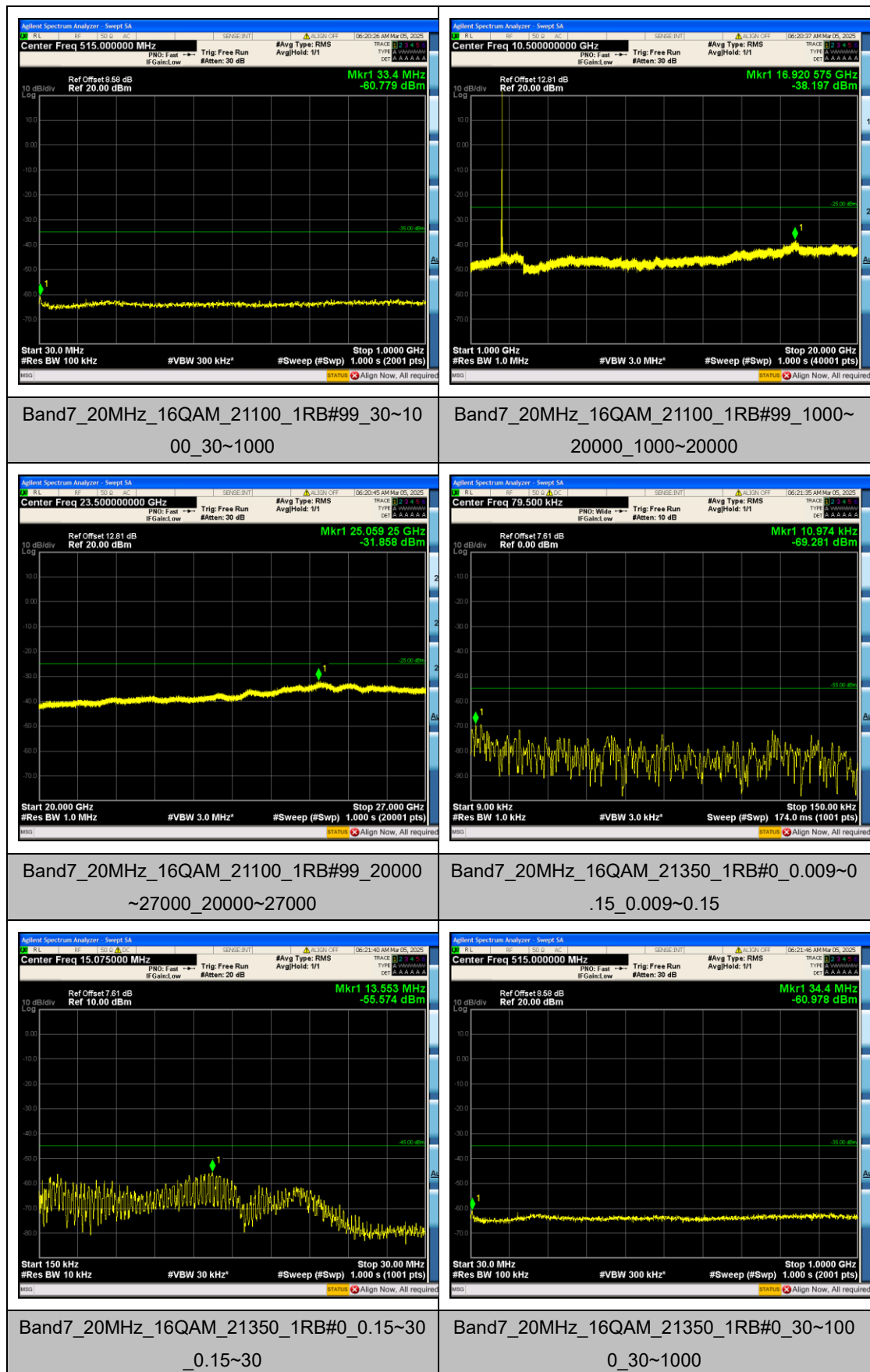
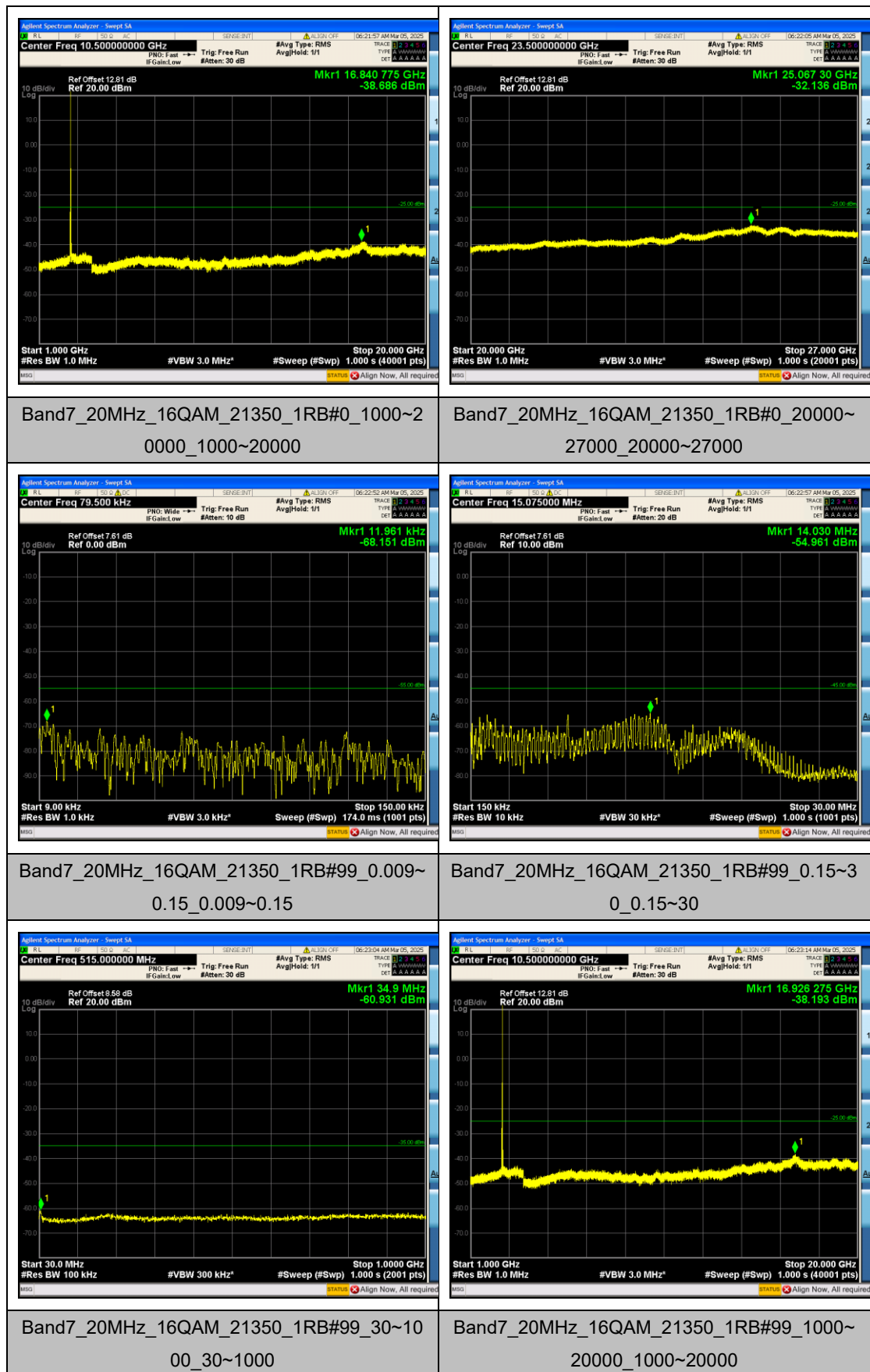
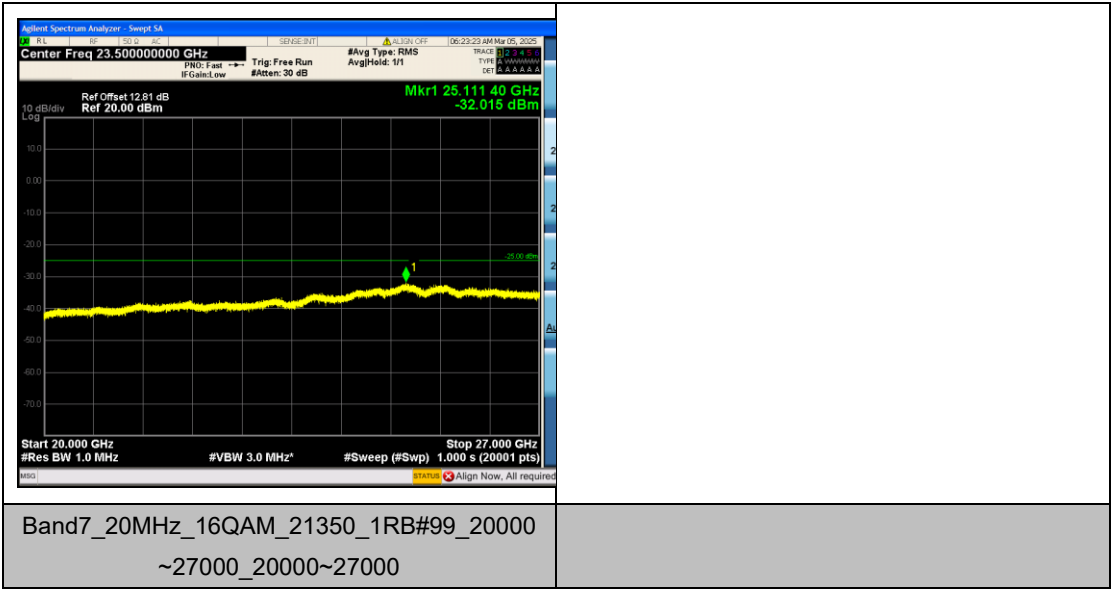












Appendix F: Frequency Stability

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
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	6.42	0.002565	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	9.33	0.003728	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	9.30	0.003716	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	6.47	0.002585	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	7.74	0.003093	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	6.85	0.002737	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	8.38	0.003349	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	8.57	0.003425	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	7.94	0.003173	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-4.88	-0.001925	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-6.25	-0.002465	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-8.28	-0.003266	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-8.15	-0.003215	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-6.07	-0.002394	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-2.57	-0.001014	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-4.36	-0.001720	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-5.49	-0.002166	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-6.29	-0.002481	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	7.97	0.003104	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-4.96	-0.001932	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	-5.75	-0.002240	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	5.95	0.002317	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	5.38	0.002095	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-5.56	-0.002166	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	4.23	0.001648	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	3.15	0.001227	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	3.63	0.001414	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	10.87	0.004344	±2.5	PASS

Band7	5MHz	16QAM	20775	25RB#0	NV	-20	8.73	0.003489	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	7.97	0.003185	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	9.01	0.003600	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	11.06	0.004420	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	6.88	0.002749	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	13.20	0.005275	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	8.54	0.003413	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	7.72	0.003085	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-5.49	-0.002166	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-5.31	-0.002095	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	-4.19	-0.001653	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-8.57	-0.003381	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	5.48	0.002162	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-4.08	-0.001609	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-4.08	-0.001609	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-5.41	-0.002134	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-4.32	-0.001704	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	4.01	0.001562	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-3.63	-0.001414	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	6.11	0.002380	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	6.78	0.002641	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	5.18	0.002018	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	4.46	0.001737	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	4.53	0.001764	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	79.46	0.030948	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	4.48	0.001745	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-5.46	-0.002180	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-8.27	-0.003301	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-4.28	-0.001709	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-4.95	-0.001976	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-5.65	-0.002255	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-7.40	-0.002954	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-6.42	-0.002563	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-6.24	-0.002491	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-4.31	-0.001721	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-6.95	-0.002742	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-9.67	-0.003815	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-7.97	-0.003144	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-4.15	-0.001637	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-6.09	-0.002402	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-8.35	-0.003294	±2.5	PASS

Band7	10MHz	QPSK	21100	50RB#0	NV	30	-10.41	-0.004107	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-9.33	-0.003680	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-7.42	-0.002927	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-7.71	-0.003006	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-9.84	-0.003836	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-6.90	-0.002690	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-4.78	-0.001864	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-6.48	-0.002526	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-7.41	-0.002889	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-7.38	-0.002877	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-6.07	-0.002366	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-6.88	-0.002682	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	3.72	0.001484	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	8.34	0.003326	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	3.13	0.001248	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	6.12	0.002441	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	1.97	0.000786	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	4.41	0.001759	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	3.49	0.001392	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	4.22	0.001683	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-4.09	-0.001631	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-6.65	-0.002623	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-6.37	-0.002513	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-6.61	-0.002607	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-6.39	-0.002521	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-8.38	-0.003306	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-9.10	-0.003590	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-7.22	-0.002848	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-2.75	-0.001085	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-7.55	-0.002978	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	6.09	0.002377	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	6.09	0.002377	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	3.59	0.001401	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	6.05	0.002361	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	4.95	0.001932	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	4.71	0.001838	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	2.92	0.001140	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	5.01	0.001955	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	8.61	0.003360	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	6.90	0.002749	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	4.88	0.001944	±2.5	PASS

Band7	20MHz	QPSK	20850	100RB#0	NV	-10	6.71	0.002673	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	4.94	0.001968	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	6.78	0.002701	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	7.04	0.002805	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	7.35	0.002928	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	6.01	0.002394	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	3.56	0.001418	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-4.56	-0.001799	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.85	-0.002308	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-7.48	-0.002951	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-7.24	-0.002856	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-7.88	-0.003108	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-5.58	-0.002201	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	10.39	0.004099	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-3.83	-0.001511	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-6.47	-0.002552	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	2.35	0.000918	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	4.84	0.001891	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-15.29	-0.005973	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-3.83	-0.001496	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	4.13	0.001613	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-42.76	-0.016703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	6.82	0.002664	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	3.93	0.001535	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-4.28	-0.001672	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band7	5MHz	QPSK	20775	25RB#0	PASS
Band7	5MHz	QPSK	21100	25RB#0	PASS
Band7	5MHz	QPSK	21425	25RB#0	PASS
Band7	5MHz	16QAM	20775	25RB#0	PASS
Band7	5MHz	16QAM	21100	25RB#0	PASS
Band7	5MHz	16QAM	21425	25RB#0	PASS
Band7	10MHz	QPSK	20800	50RB#0	PASS
Band7	10MHz	QPSK	21100	50RB#0	PASS
Band7	10MHz	QPSK	21400	50RB#0	PASS
Band7	10MHz	16QAM	20800	1RB#0	PASS
Band7	10MHz	16QAM	21100	1RB#0	PASS
Band7	10MHz	16QAM	21400	1RB#0	PASS
Band7	15MHz	QPSK	20825	75RB#0	PASS
Band7	15MHz	QPSK	21100	75RB#0	PASS
Band7	15MHz	QPSK	21375	75RB#0	PASS
Band7	15MHz	16QAM	20825	1RB#0	PASS
Band7	15MHz	16QAM	21100	1RB#0	PASS
Band7	15MHz	16QAM	21375	1RB#0	PASS
Band7	20MHz	QPSK	20850	100RB#0	PASS
Band7	20MHz	QPSK	21100	100RB#0	PASS
Band7	20MHz	QPSK	21350	100RB#0	PASS
Band7	20MHz	16QAM	20850	1RB#0	PASS
Band7	20MHz	16QAM	21100	1RB#0	PASS
Band7	20MHz	16QAM	21350	1RB#0	PASS

Test Graphs

