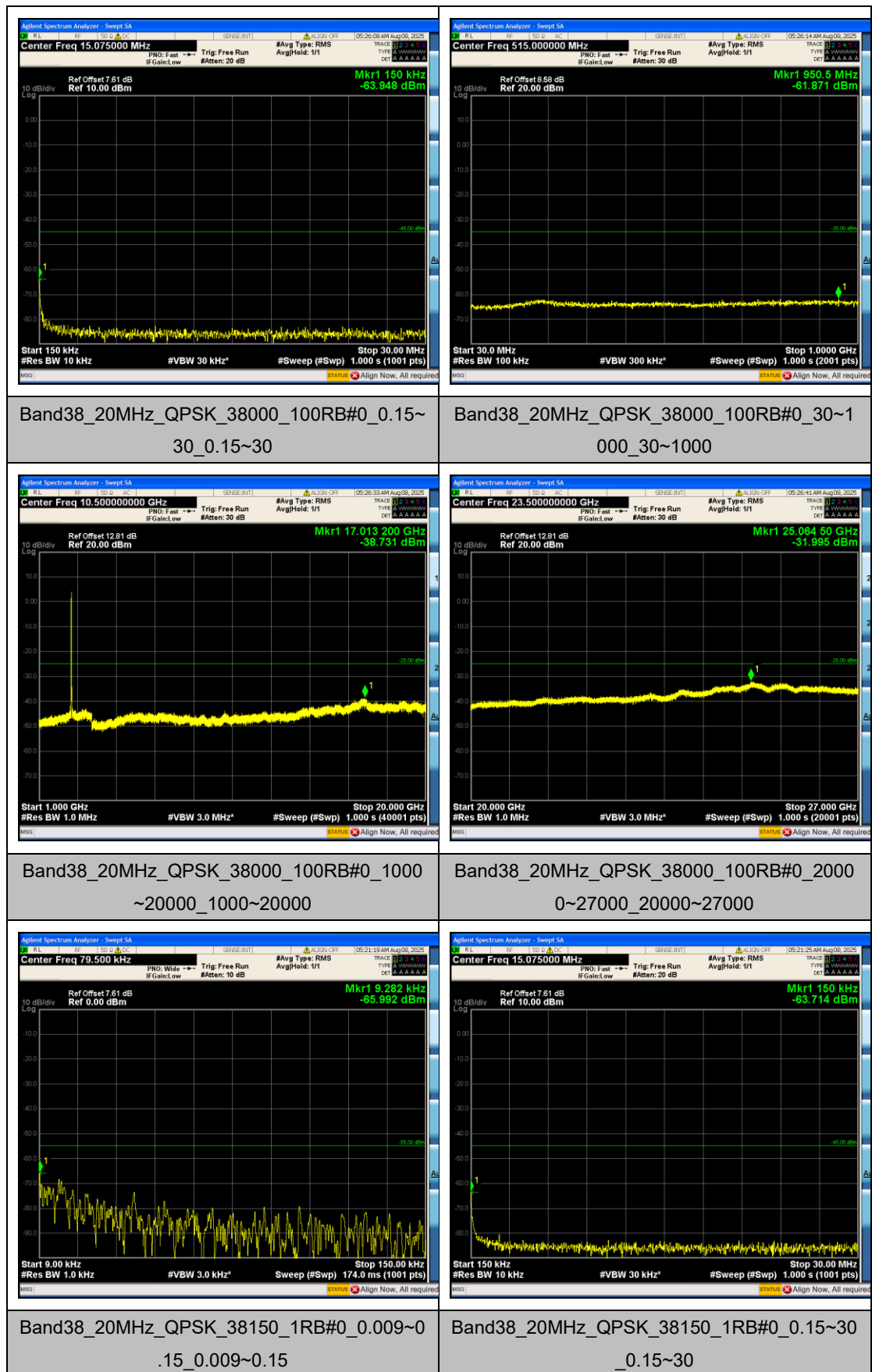
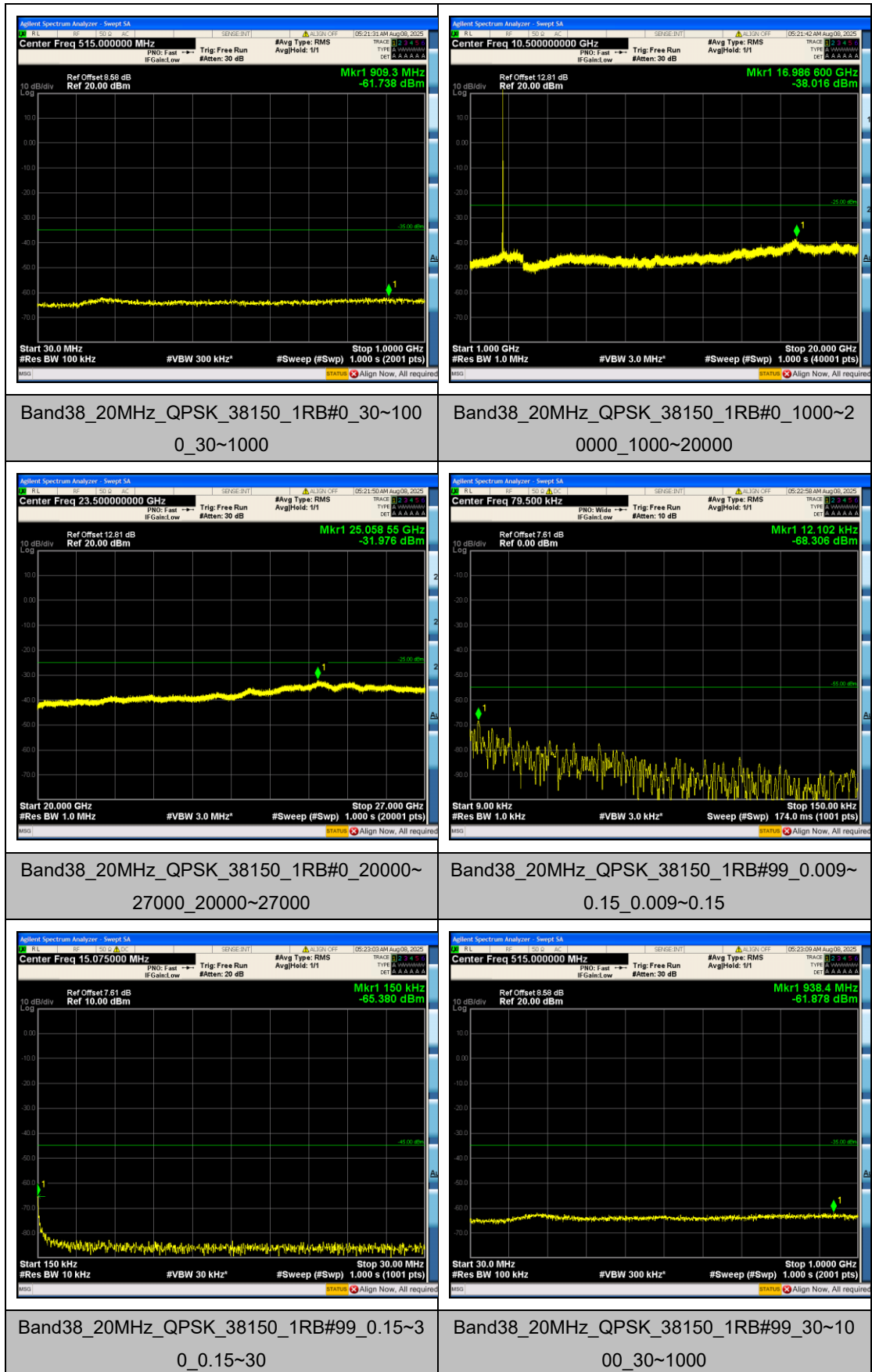
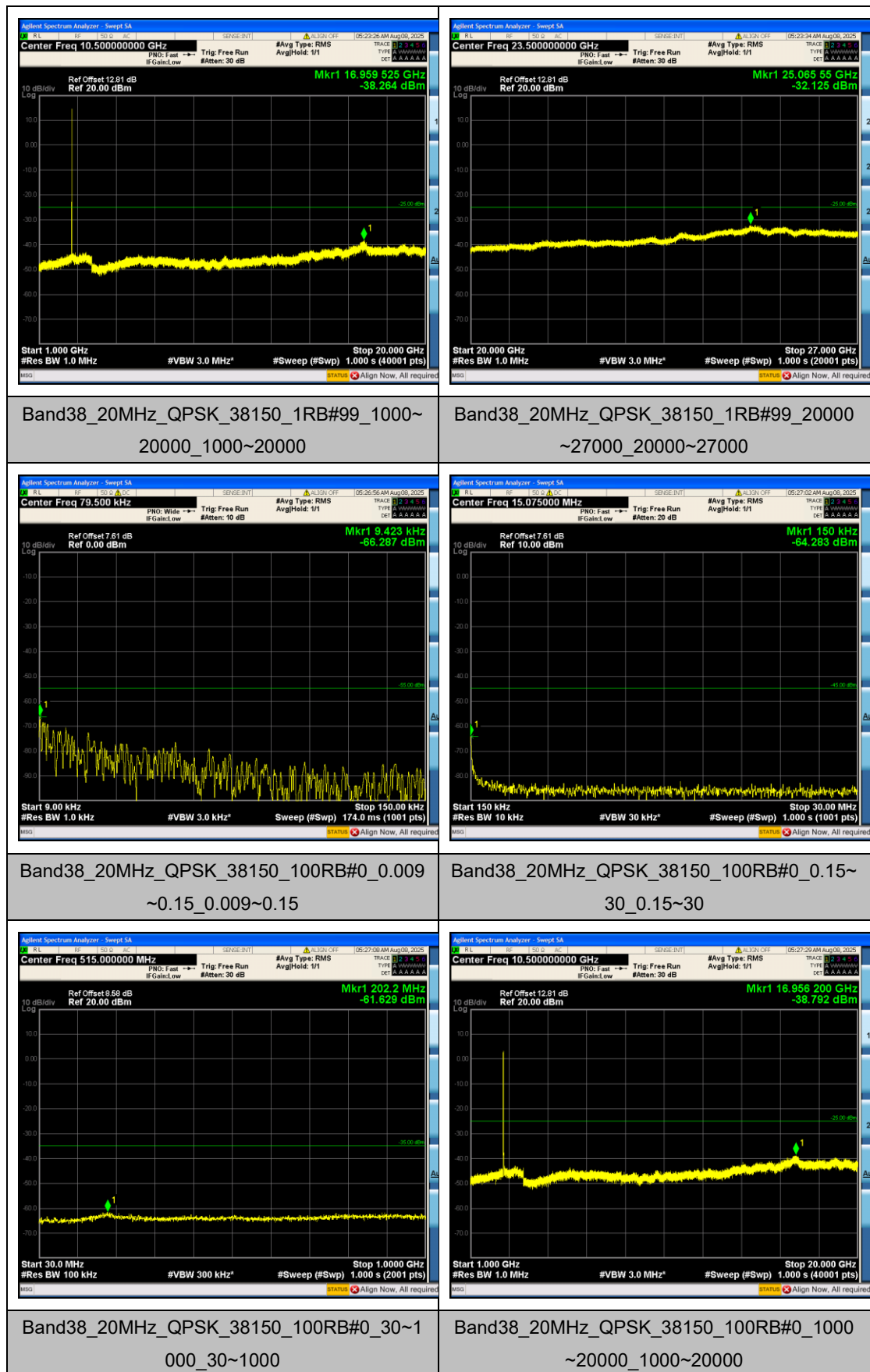
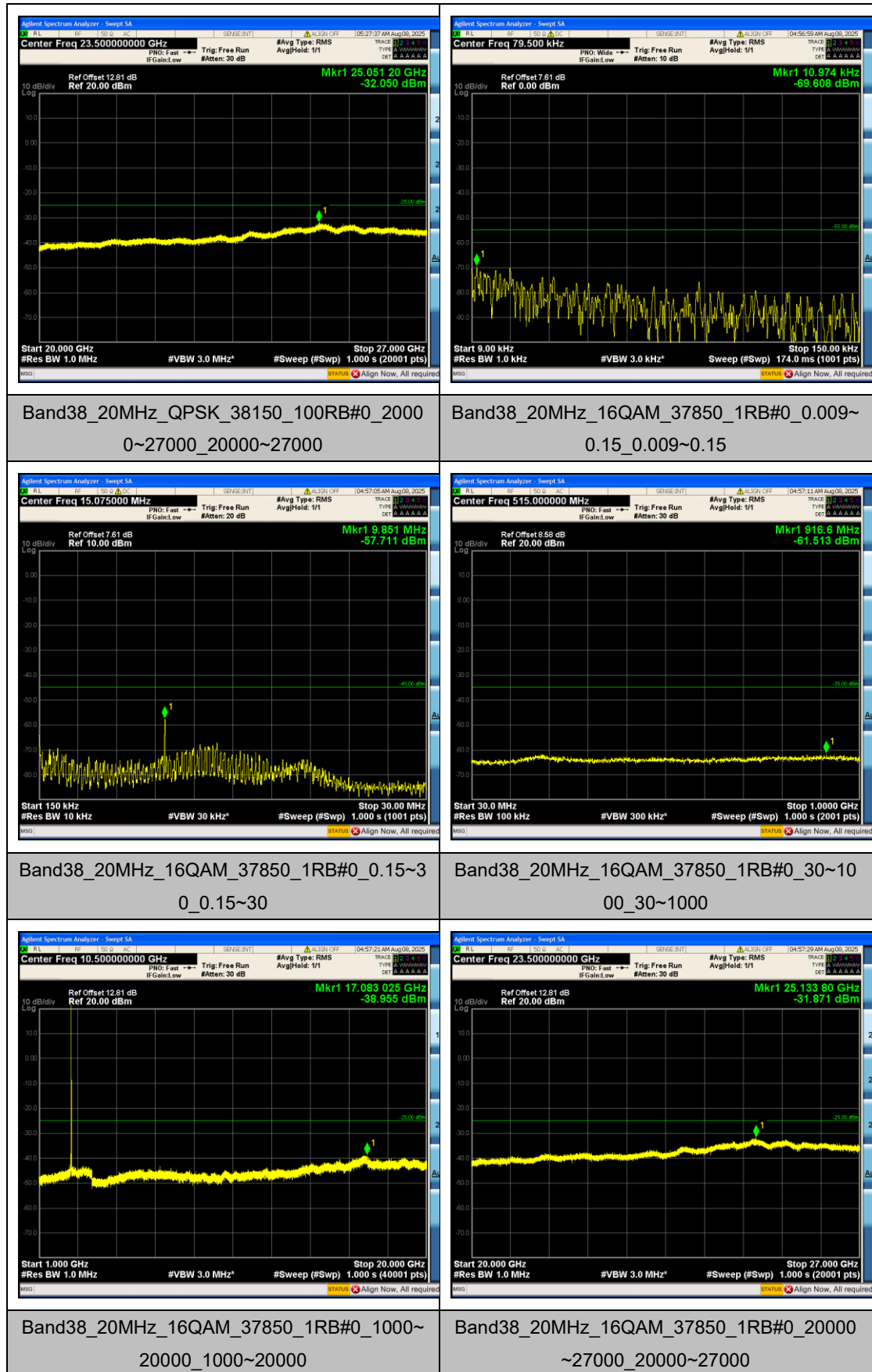
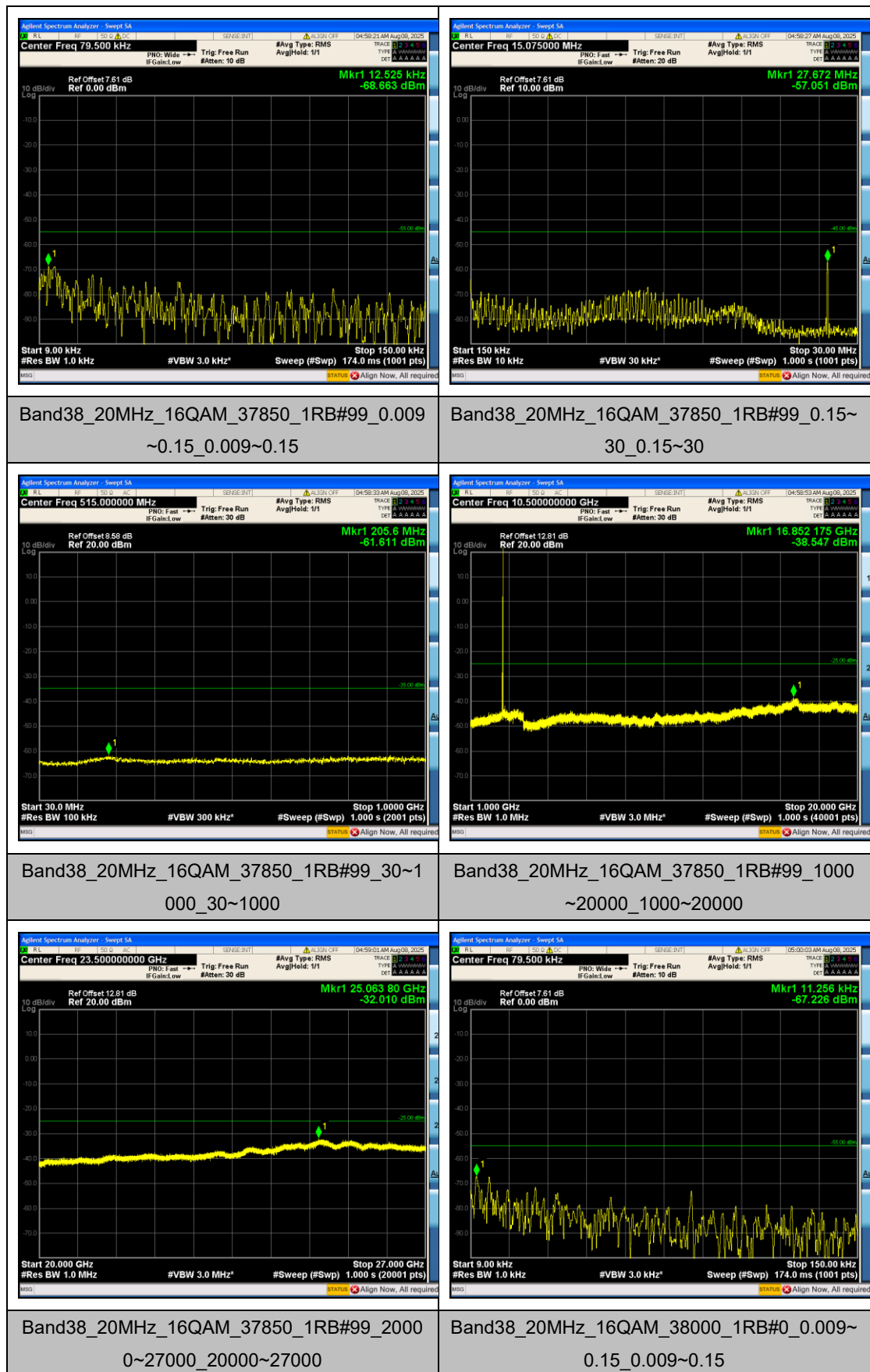


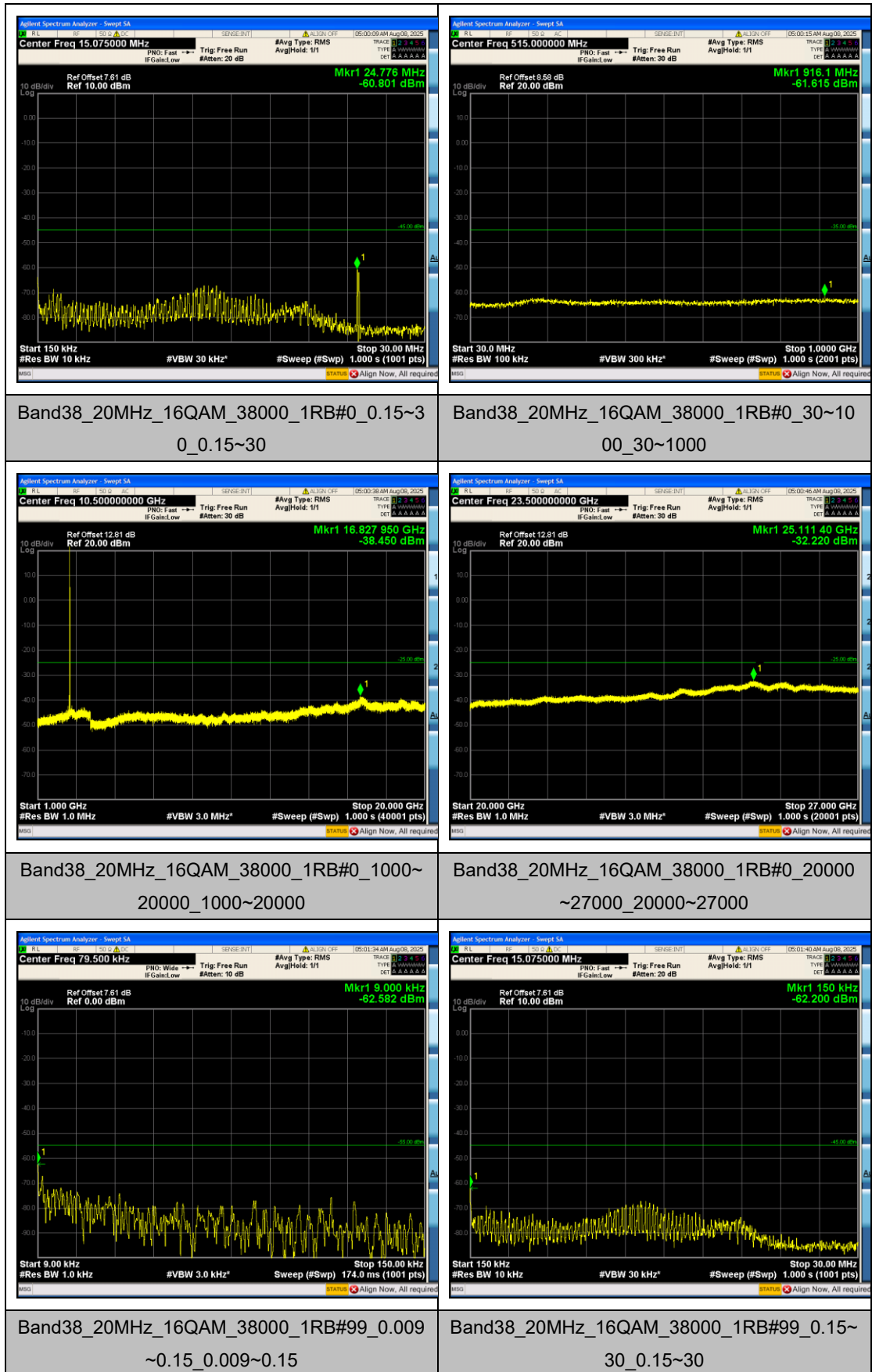


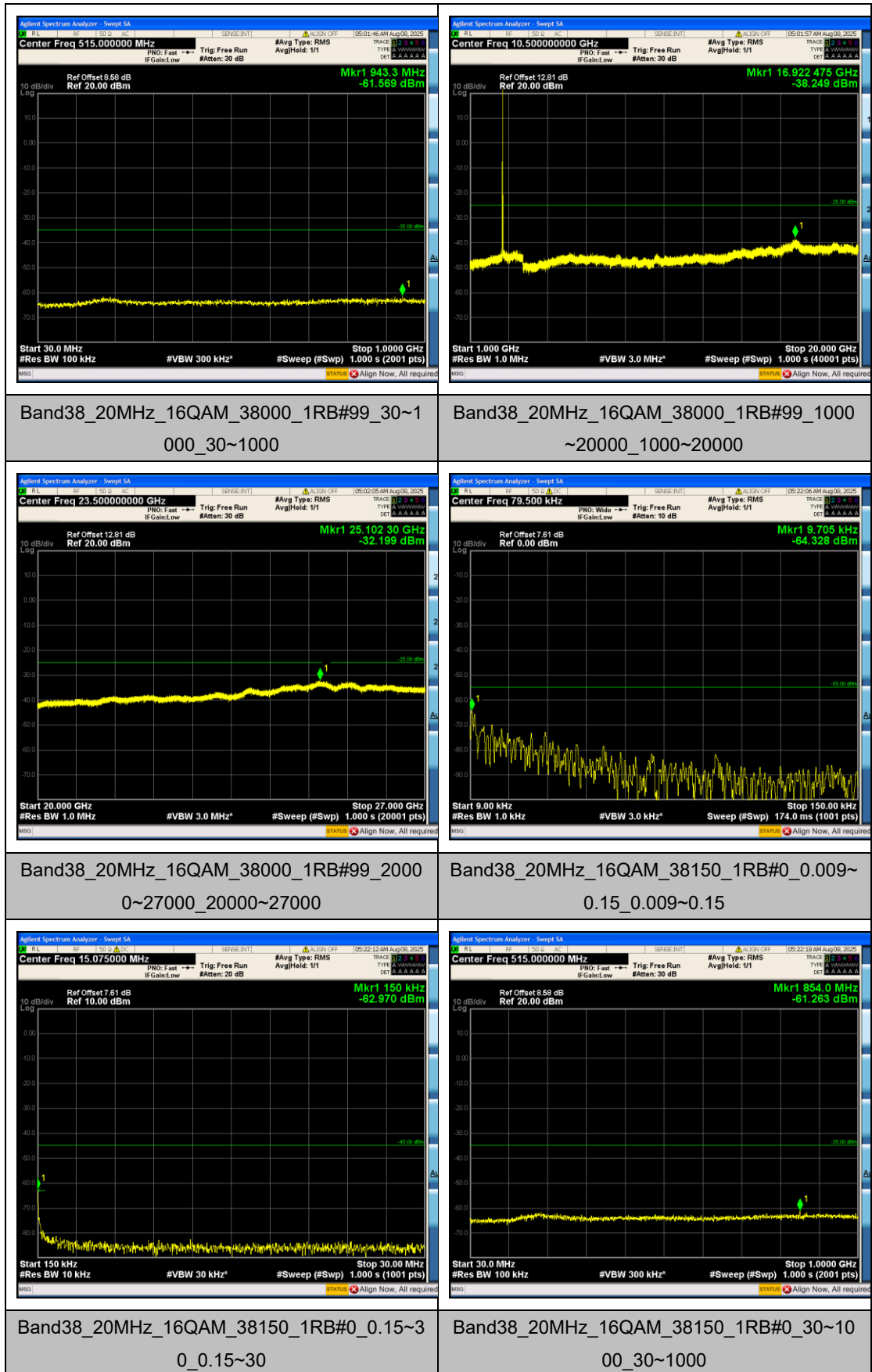


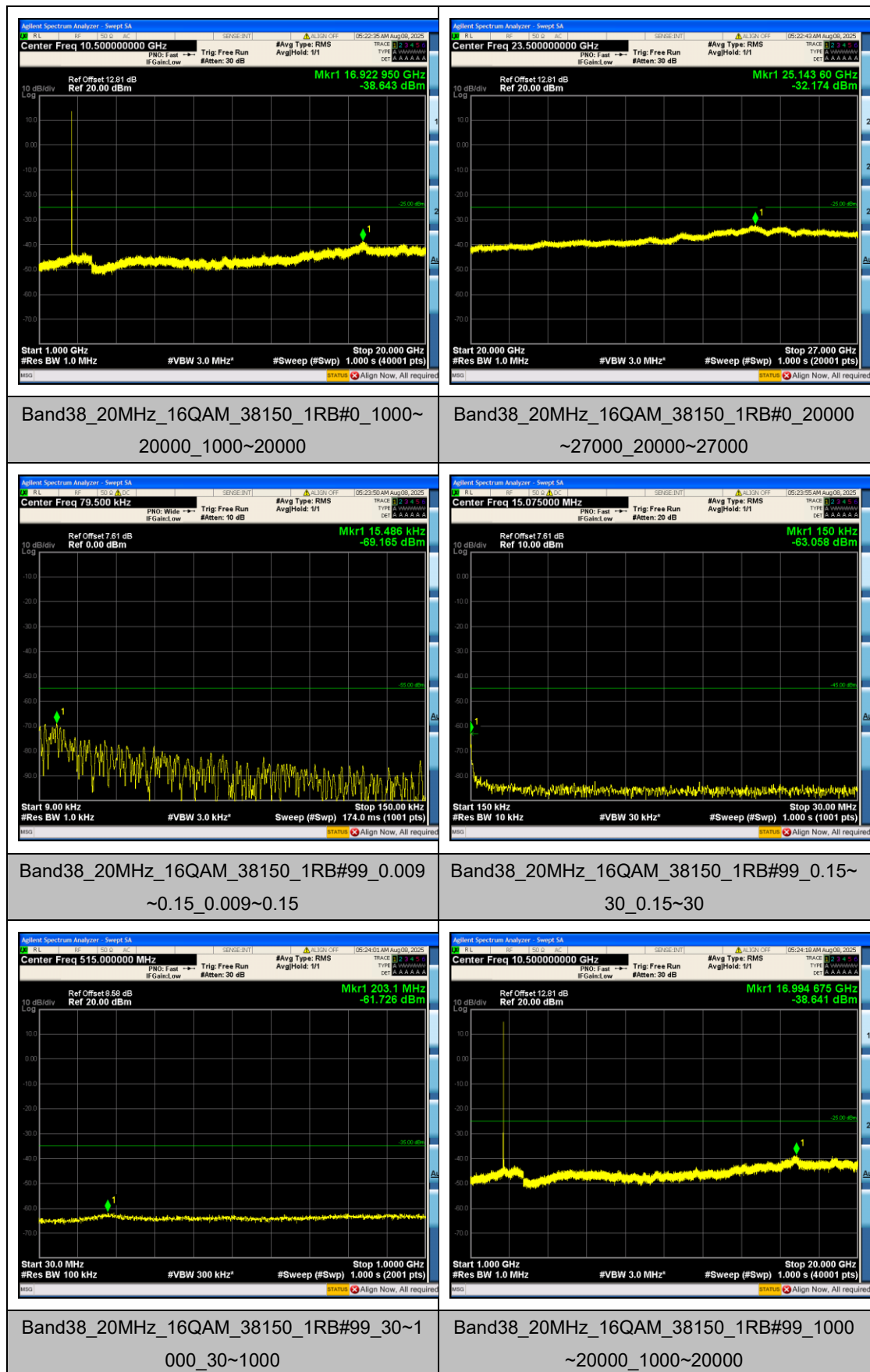


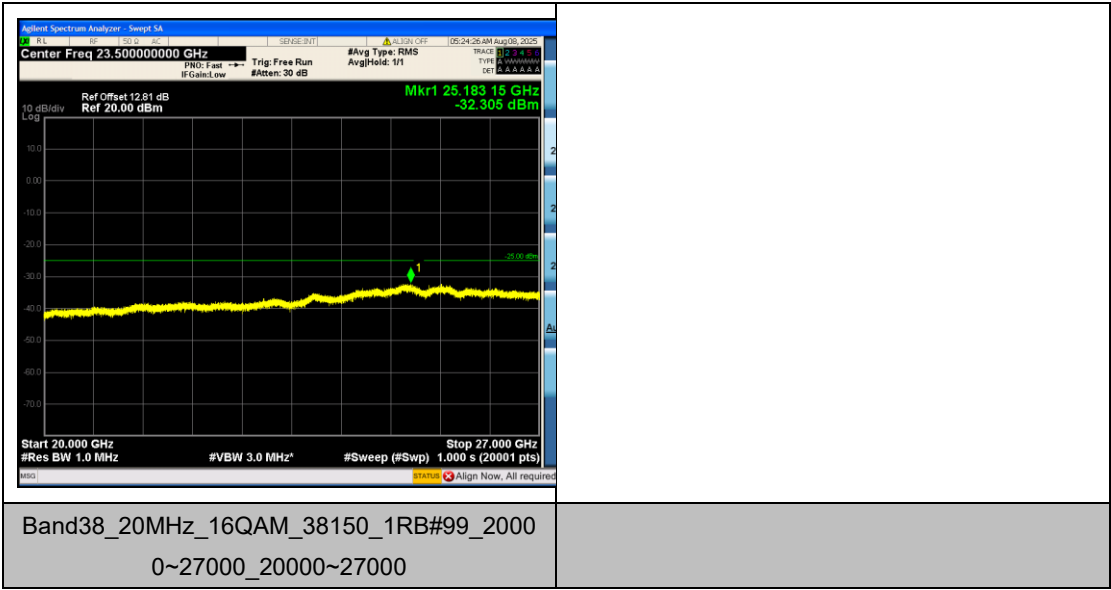












Appendix F: Frequency Stability

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
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	5.08	0.001975	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	3.86	0.001500	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	8.91	0.003464	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	9.86	0.003833	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	8.75	0.003401	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-7.65	-0.002974	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	6.95	0.002702	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	-6.48	-0.002519	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	8.54	0.003320	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-9.86	-0.003800	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-6.35	-0.002447	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	8.27	0.003187	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-8.31	-0.003202	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-5.41	-0.002085	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	8.31	0.003202	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	9.90	0.003815	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-9.76	-0.003761	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	8.18	0.003152	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-9.10	-0.003477	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	7.82	0.002988	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-5.95	-0.002273	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	8.38	0.003202	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	5.62	0.002147	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	-7.27	-0.002777	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	-7.85	-0.002999	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	6.78	0.002590	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-5.95	-0.002273	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-10.19	-0.003961	±2.5	PASS

Band38	5MHz	16QAM	37775	25RB#0	NV	-20	7.35	0.002857	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	10.27	0.003992	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	5.44	0.002115	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-7.77	-0.003020	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	5.81	0.002259	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	9.36	0.003638	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-10.11	-0.003930	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	7.35	0.002857	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-6.39	-0.002462	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-9.73	-0.003750	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-6.69	-0.002578	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-9.91	-0.003819	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-6.21	-0.002393	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-8.65	-0.003333	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-13.00	-0.005010	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-4.62	-0.001780	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-6.72	-0.002590	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-5.02	-0.001918	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	5.61	0.002143	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	4.55	0.001738	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-5.39	-0.002059	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	5.51	0.002105	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-8.11	-0.003098	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	5.97	0.002281	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	8.45	0.003228	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	6.87	0.002625	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	7.48	0.002905	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	8.87	0.003445	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	10.63	0.004128	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	7.11	0.002761	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	5.42	0.002105	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	12.15	0.004718	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	10.86	0.004217	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	6.90	0.002680	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	6.82	0.002649	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-5.06	-0.001950	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-8.23	-0.003171	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-6.82	-0.002628	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-7.75	-0.002987	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-11.26	-0.004339	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-7.24	-0.002790	±2.5	PASS

Band38	10MHz	QPSK	38000	50RB#0	NV	30	-8.08	-0.003114	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	7.27	0.002802	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	-6.55	-0.002524	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	18.31	0.007002	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	9.56	0.003656	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	7.02	0.002685	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	8.93	0.003415	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	8.54	0.003266	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	10.63	0.004065	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	7.72	0.002952	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	12.76	0.004880	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	8.35	0.003193	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	8.04	0.003119	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	10.24	0.003973	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	11.69	0.004535	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	4.61	0.001789	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	6.37	0.002471	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	4.46	0.001730	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	13.00	0.005044	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	7.40	0.002871	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	10.60	0.004113	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	6.02	0.002320	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-7.08	-0.002728	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	-6.58	-0.002536	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	5.82	0.002243	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	6.69	0.002578	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	7.93	0.003056	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-5.92	-0.002281	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	6.49	0.002501	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	10.36	0.003992	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	6.52	0.002496	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	9.94	0.003805	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	9.10	0.003483	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	7.87	0.003012	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	10.29	0.003939	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	10.04	0.003843	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	12.73	0.004873	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	7.54	0.002886	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	9.46	0.003621	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-8.80	-0.003411	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-7.91	-0.003066	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-5.92	-0.002295	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	5.72	0.002217	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-4.33	-0.001678	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-5.32	-0.002062	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-10.61	-0.004112	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-9.48	-0.003674	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-6.94	-0.002690	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-6.37	-0.002455	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-4.26	-0.001642	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-7.21	-0.002778	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-7.60	-0.002929	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-4.01	-0.001545	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	3.60	0.001387	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-7.21	-0.002778	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-6.85	-0.002640	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	4.82	0.001857	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-7.25	-0.002778	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-6.42	-0.002460	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-8.07	-0.003092	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	6.45	0.002471	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	6.22	0.002383	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-3.98	-0.001525	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-8.10	-0.003103	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-8.20	-0.003142	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	6.94	0.002659	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band38	5MHz	QPSK	37775	25RB#0	PASS
Band38	5MHz	QPSK	38000	25RB#0	PASS
Band38	5MHz	QPSK	38225	25RB#0	PASS
Band38	5MHz	16QAM	37775	25RB#0	PASS
Band38	5MHz	16QAM	38000	25RB#0	PASS
Band38	5MHz	16QAM	38225	25RB#0	PASS
Band38	10MHz	QPSK	37800	50RB#0	PASS
Band38	10MHz	QPSK	38000	50RB#0	PASS
Band38	10MHz	QPSK	38200	50RB#0	PASS
Band38	10MHz	16QAM	37800	1RB#0	PASS
Band38	10MHz	16QAM	38000	1RB#0	PASS
Band38	10MHz	16QAM	38200	1RB#0	PASS
Band38	15MHz	QPSK	37825	75RB#0	PASS
Band38	15MHz	QPSK	38000	75RB#0	PASS
Band38	15MHz	QPSK	38175	75RB#0	PASS
Band38	15MHz	16QAM	37825	1RB#0	PASS
Band38	15MHz	16QAM	38000	1RB#0	PASS
Band38	15MHz	16QAM	38175	1RB#0	PASS
Band38	20MHz	QPSK	37850	100RB#0	PASS
Band38	20MHz	QPSK	38000	100RB#0	PASS
Band38	20MHz	QPSK	38150	100RB#0	PASS
Band38	20MHz	16QAM	37850	1RB#0	PASS
Band38	20MHz	16QAM	38000	1RB#0	PASS
Band38	20MHz	16QAM	38150	1RB#0	PASS

Test Graphs

