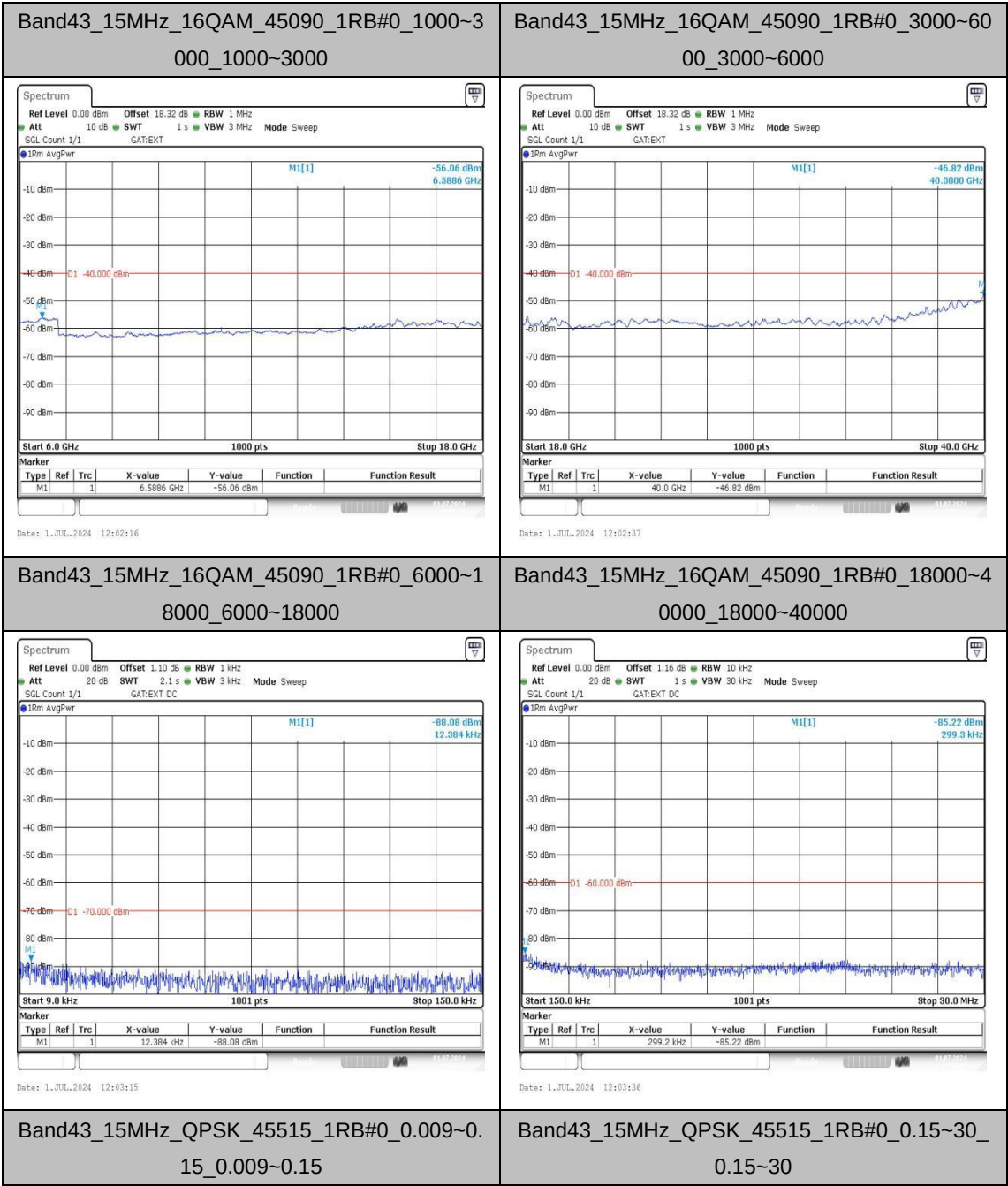
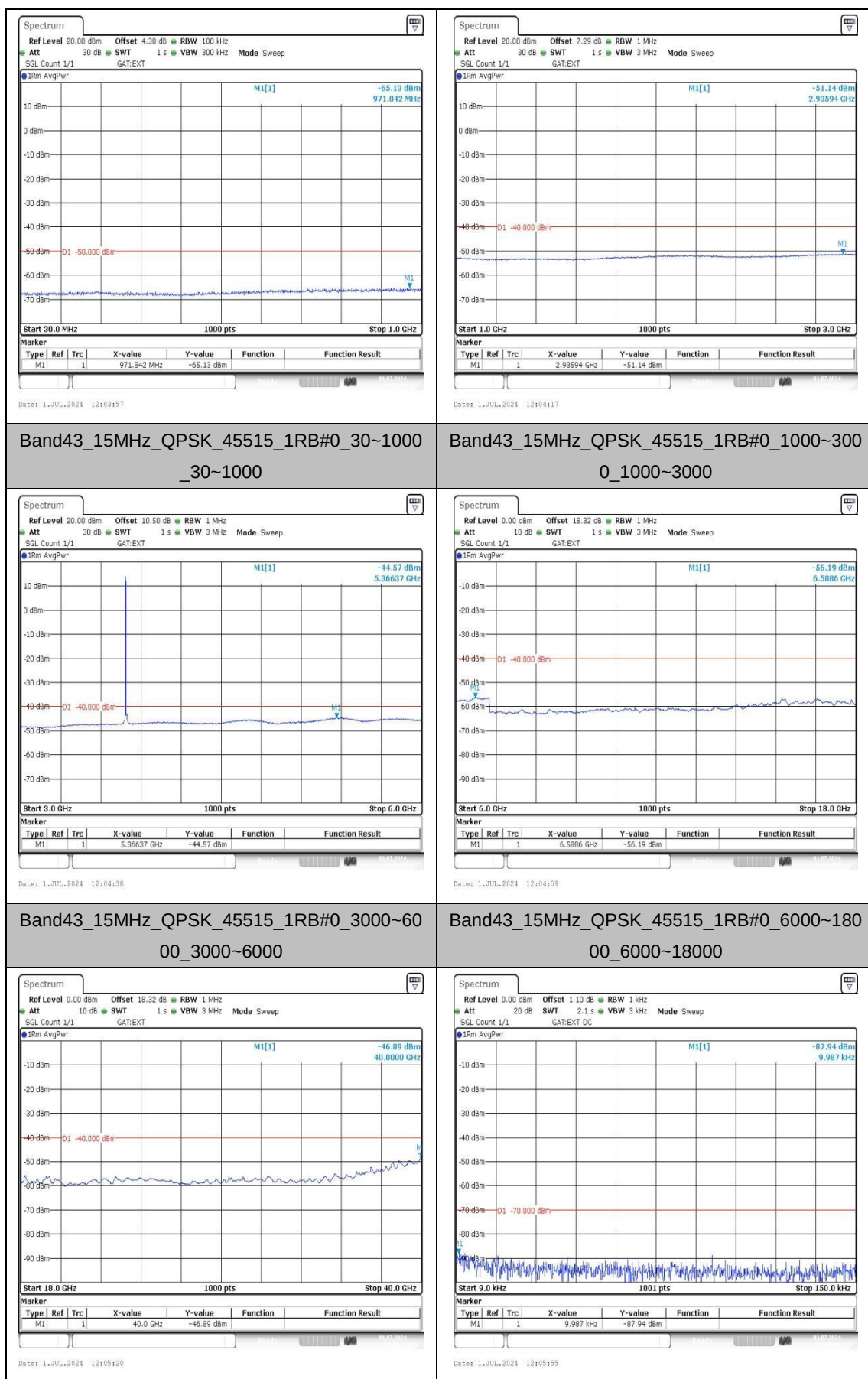
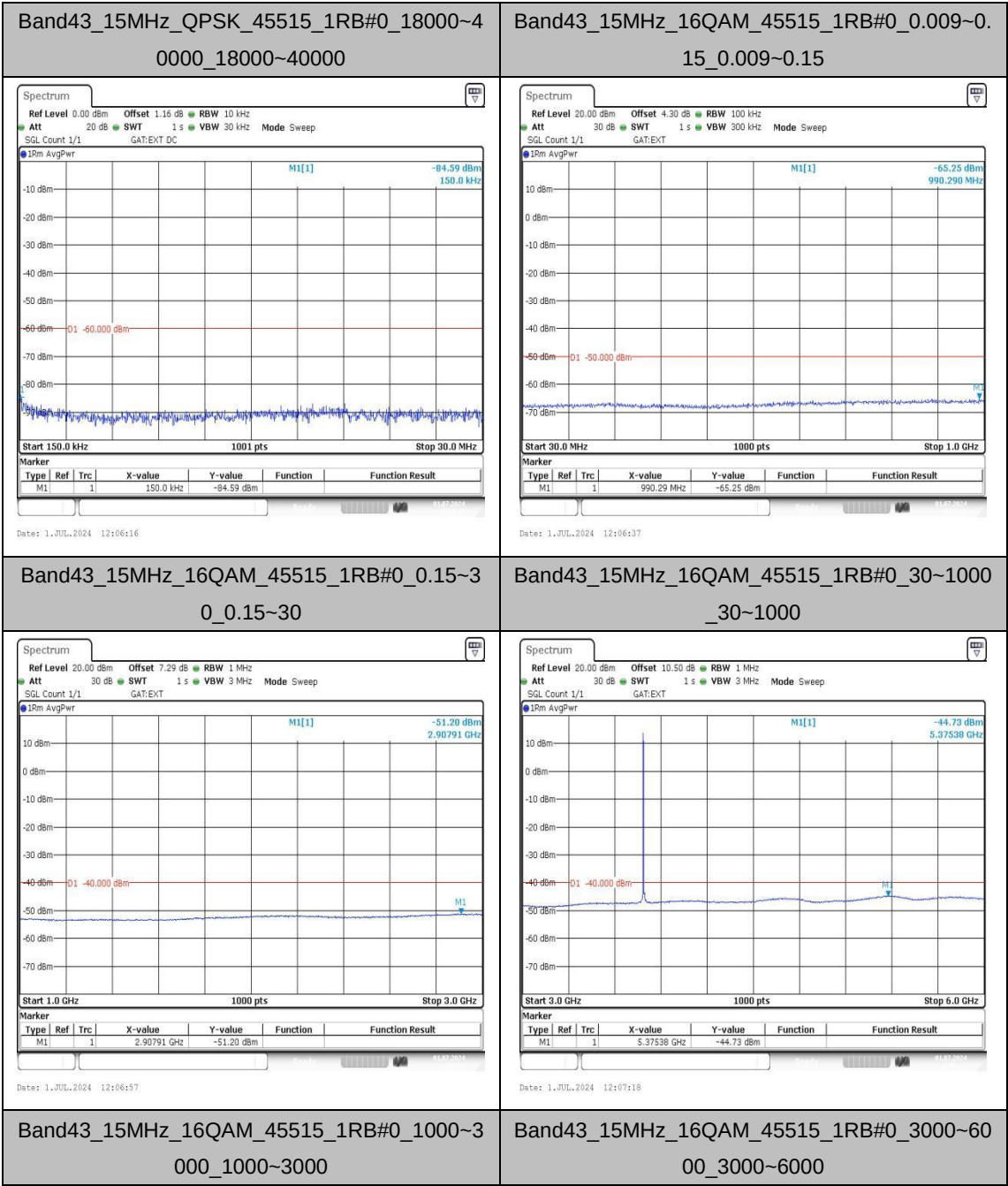
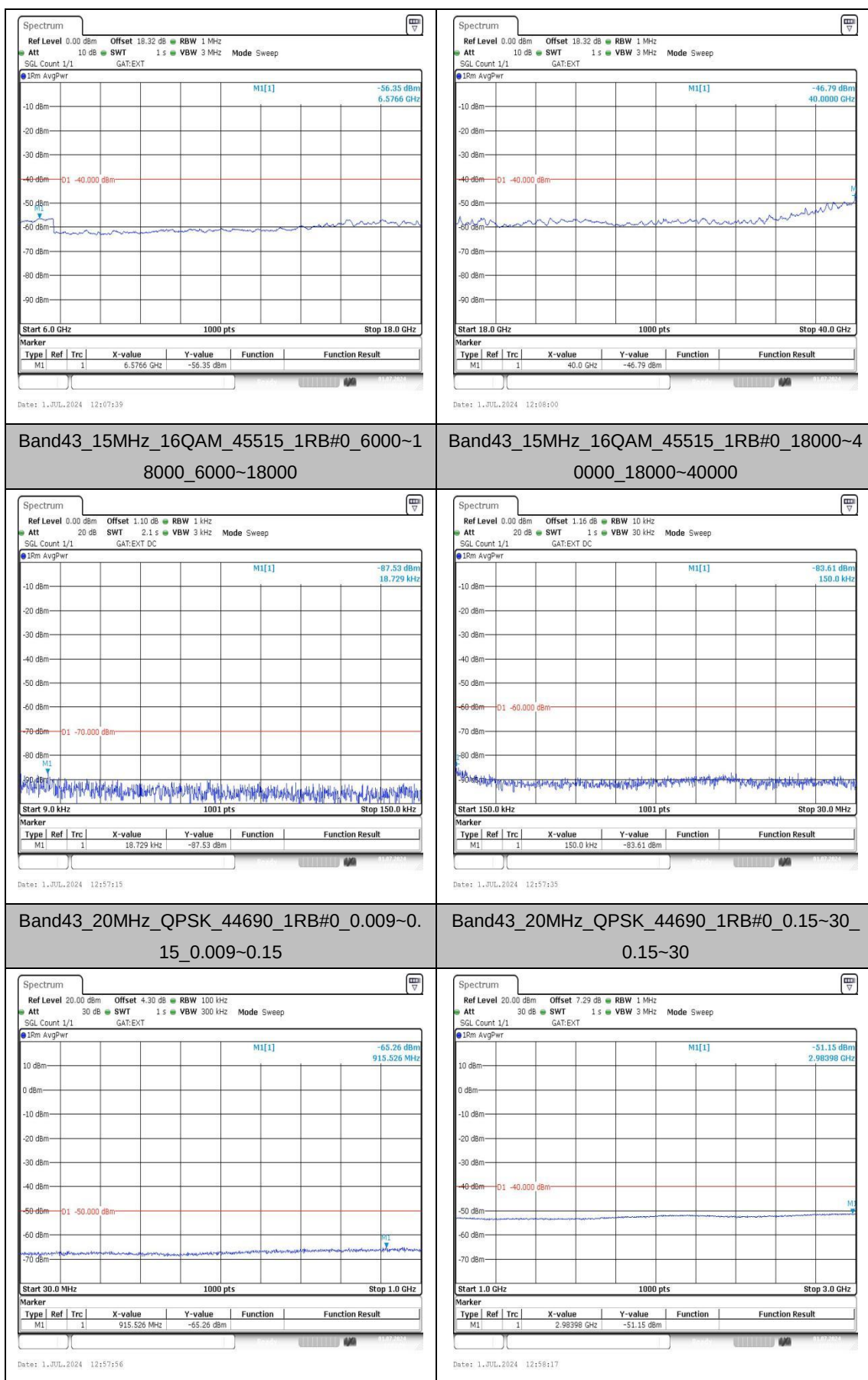
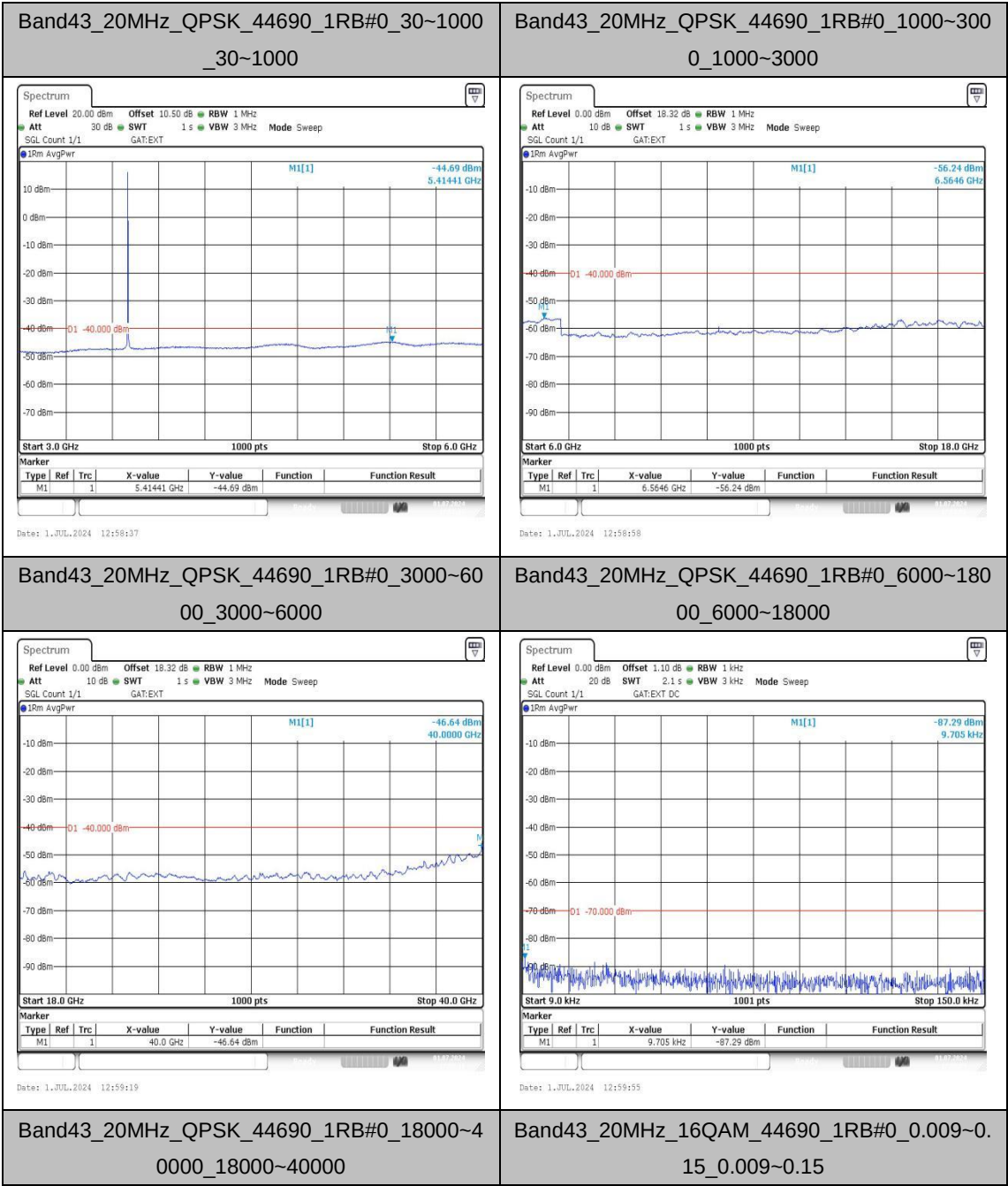


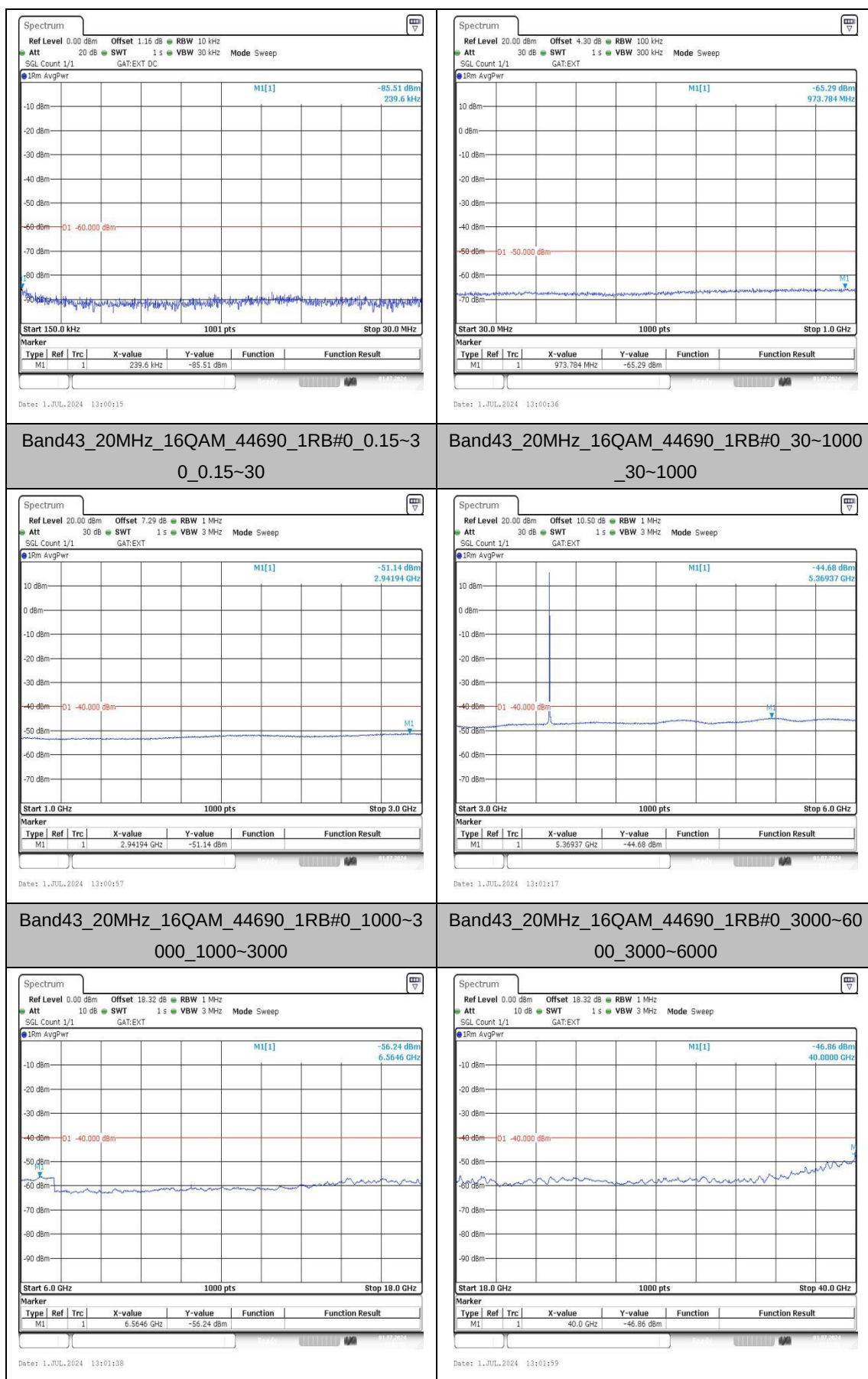


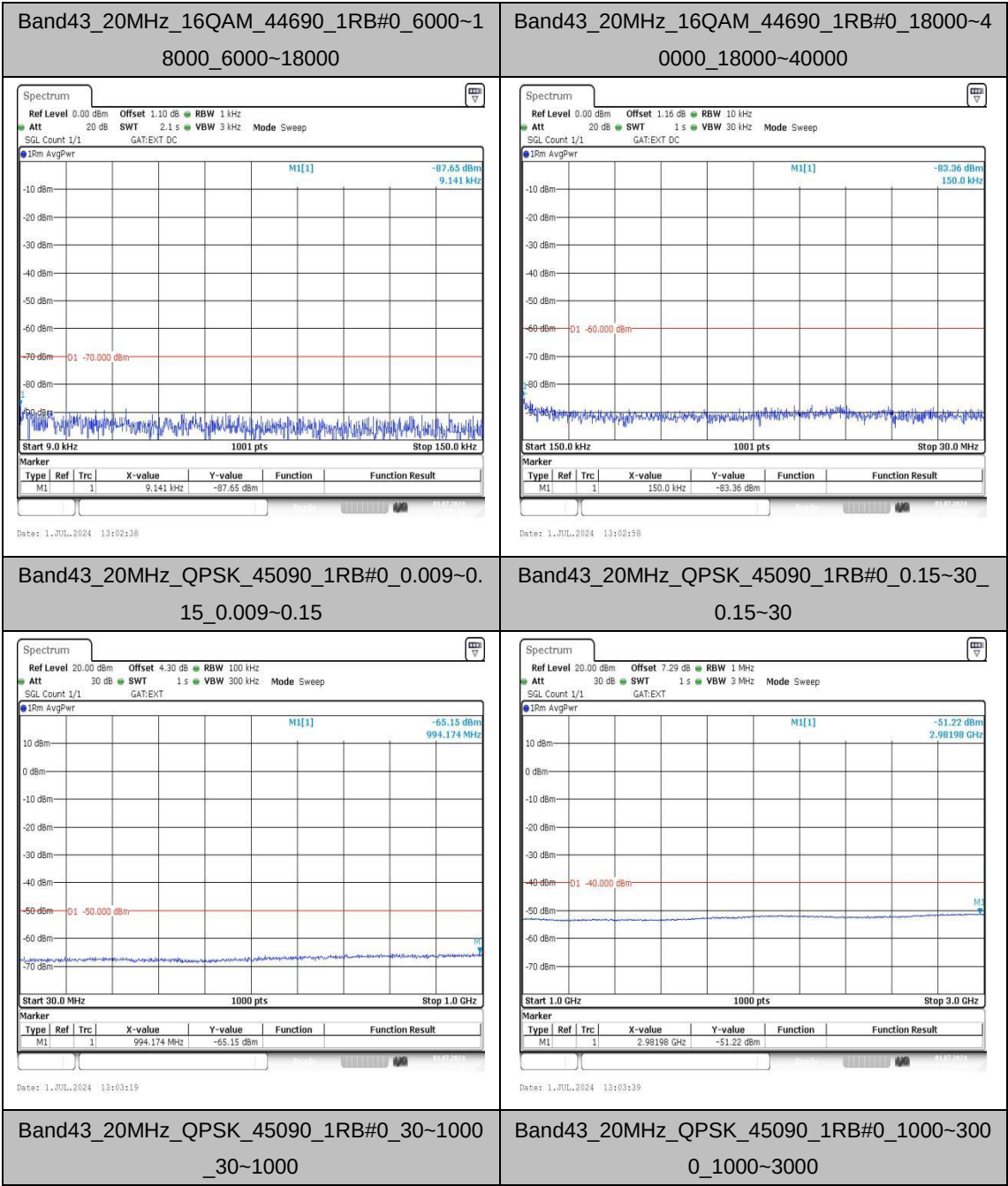


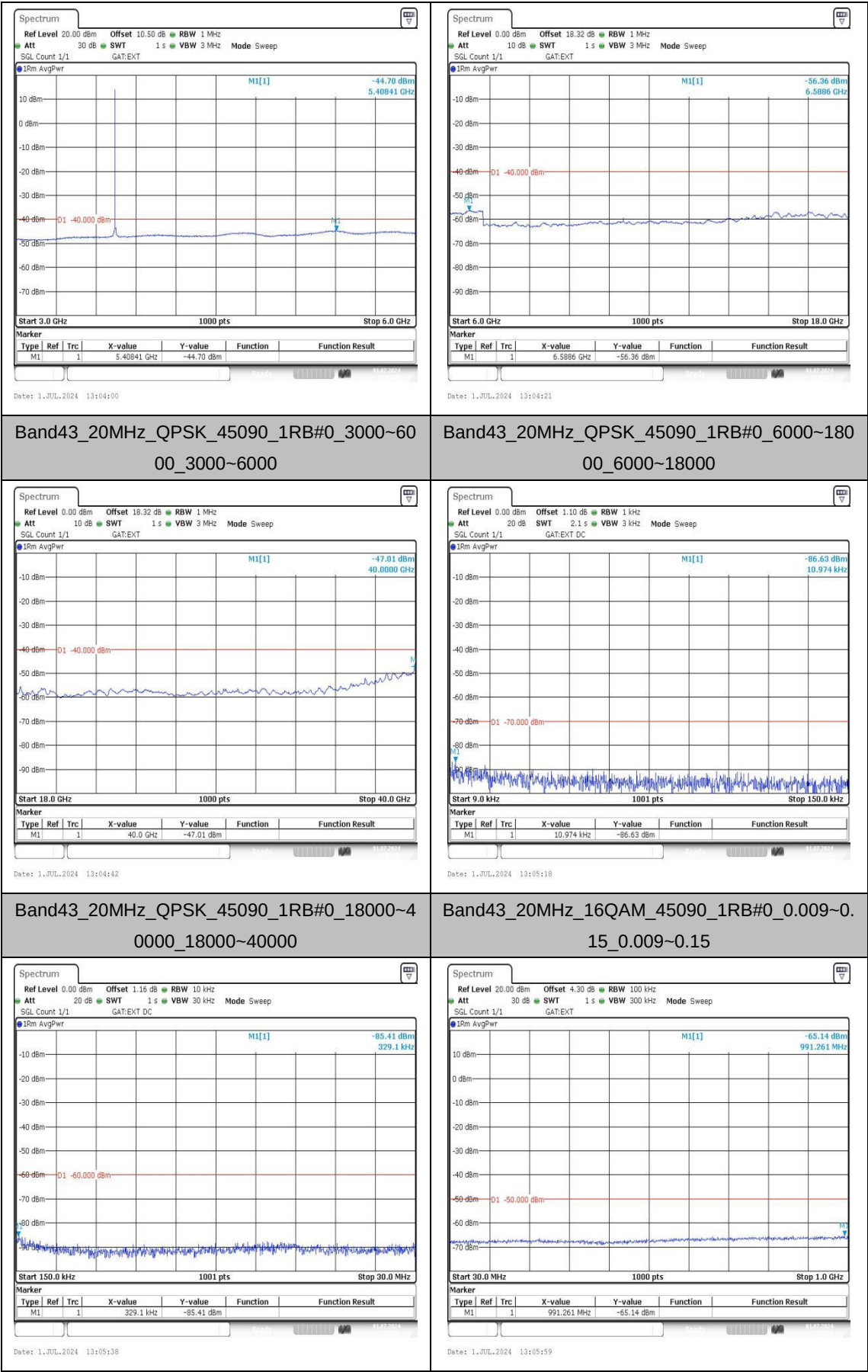


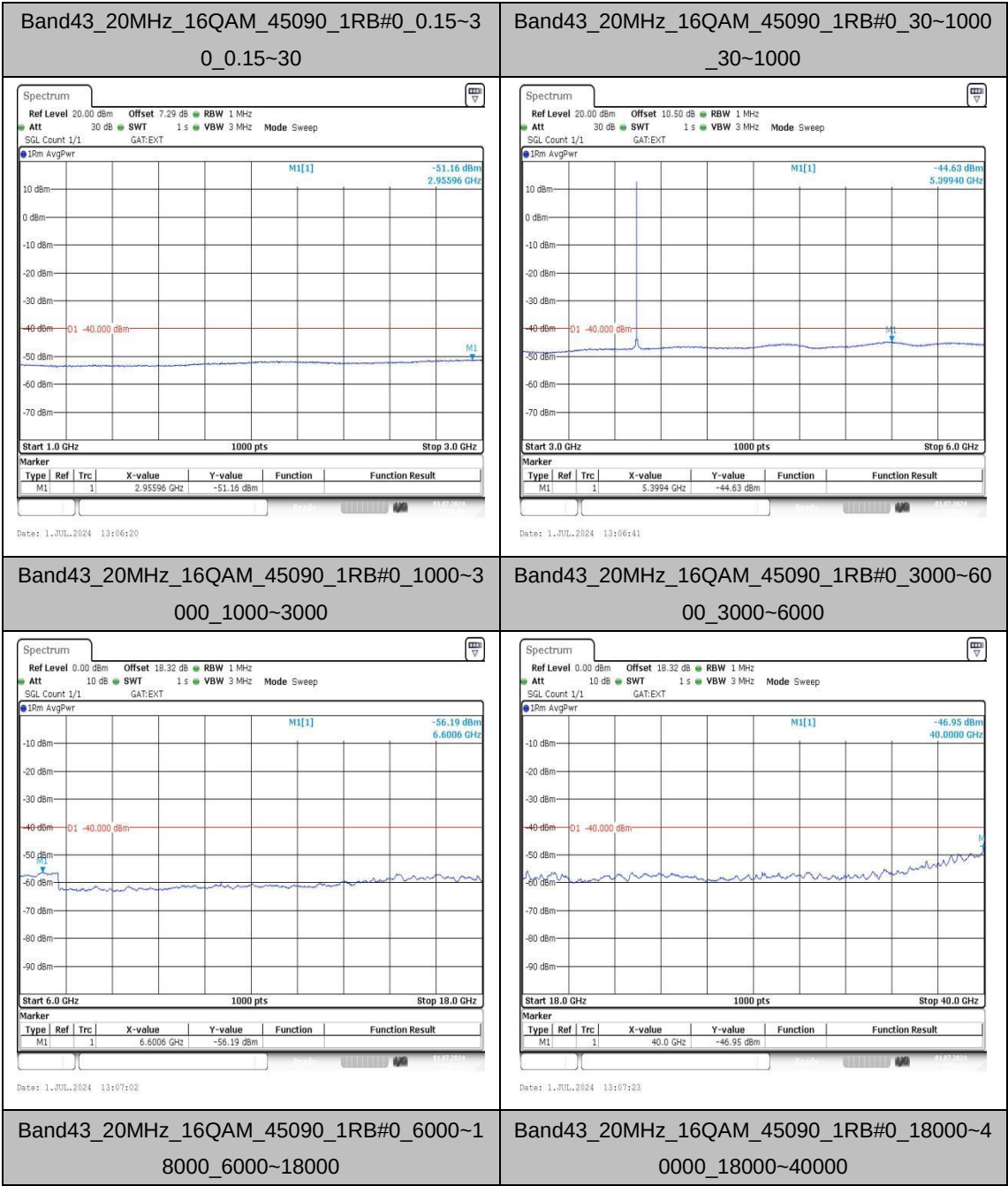


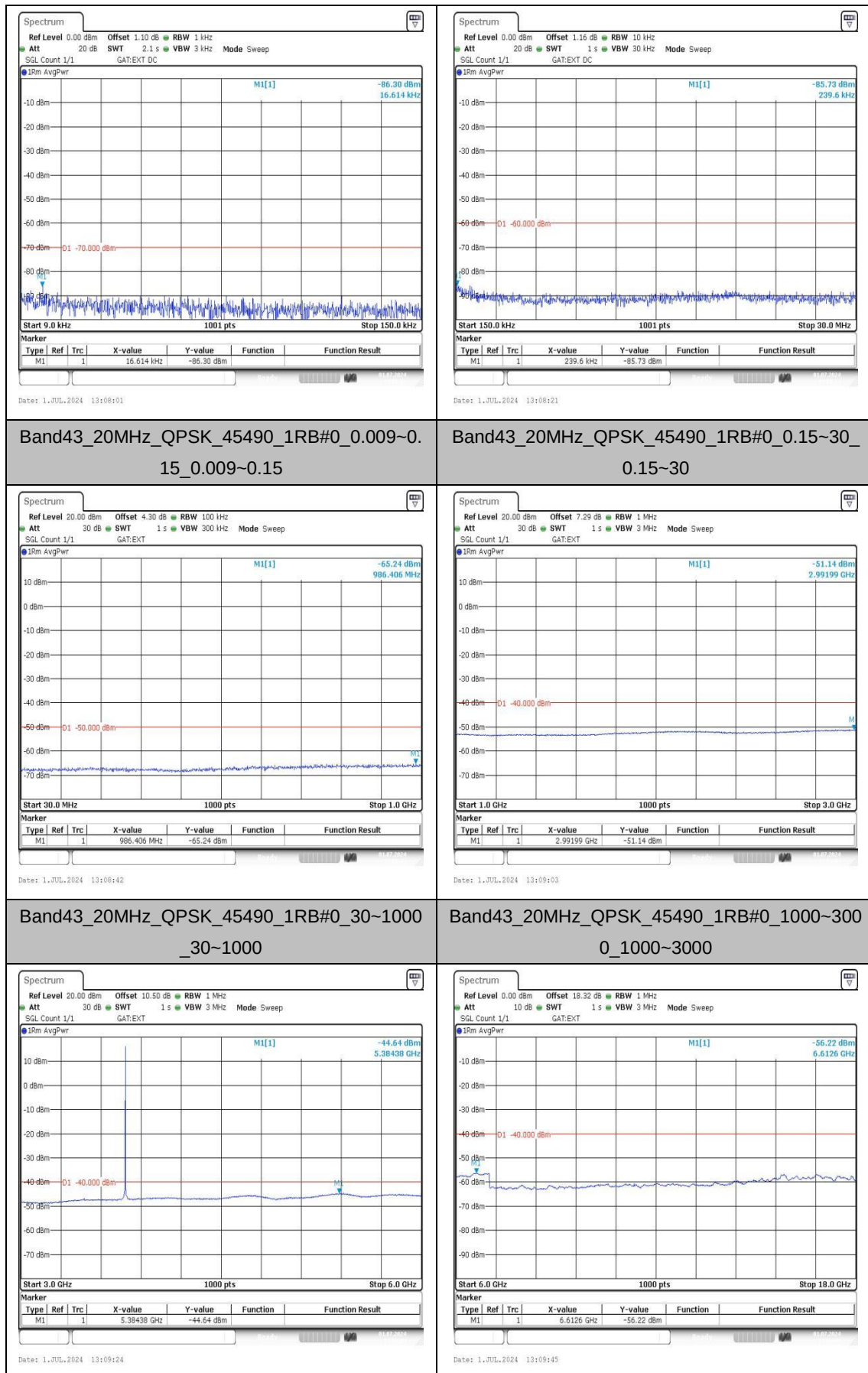


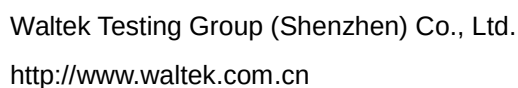


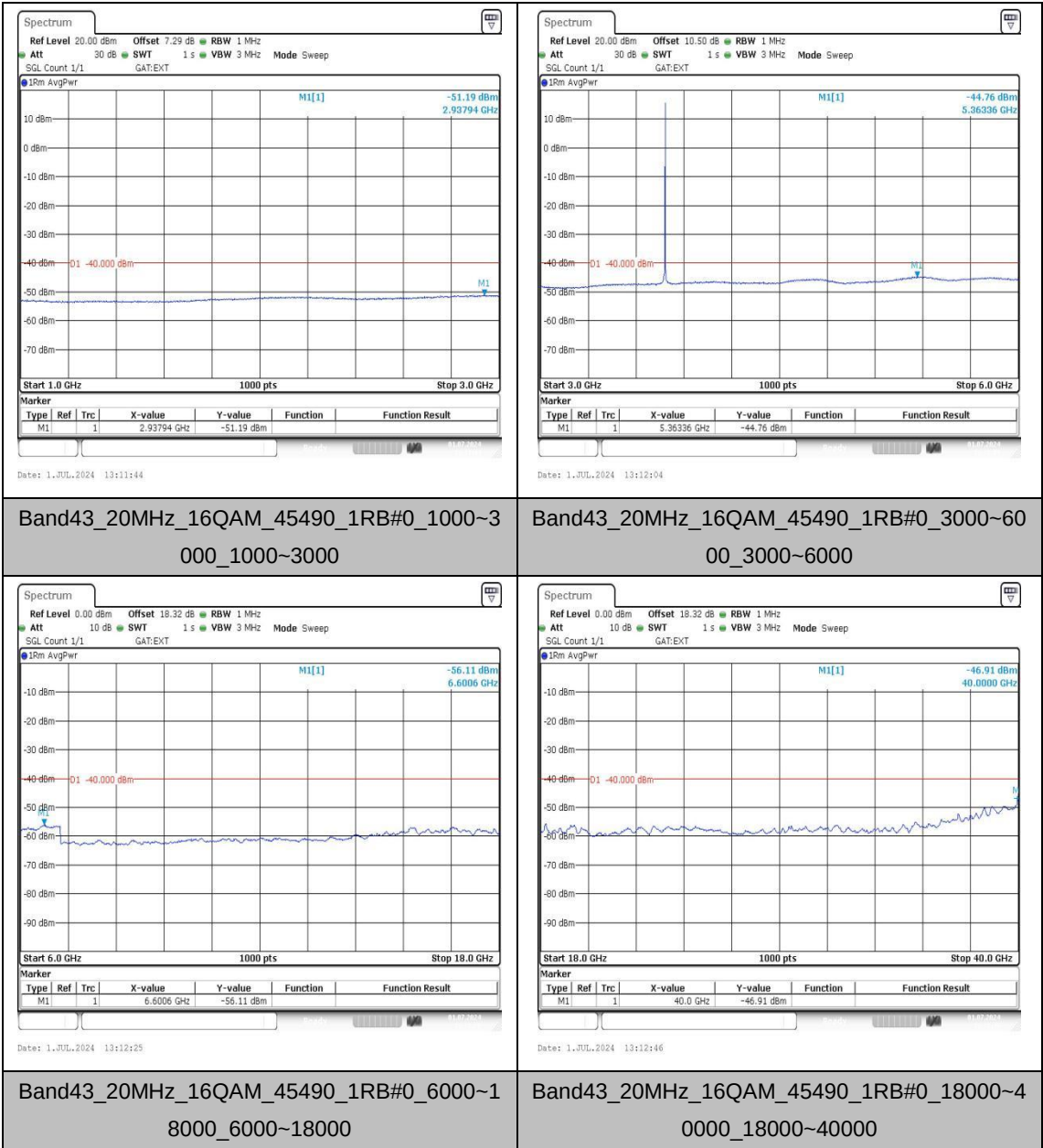












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
43(3700-3800)	5MHz	QPSK	44615	25RB#0	VN	NT	7.15	0.001931	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	VL	NT	5.91	0.001596	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	VH	NT	4.96	0.001340	±2.5	PASS
43(3700-3800)	5MHz	16QAM	44615	25RB#0	VN	NT	3.88	0.001048	±2.5	PASS
43(3700-3800)	5MHz	16QAM	44615	25RB#0	VL	NT	7.08	0.001912	±2.5	PASS
43(3700-3800)	5MHz	16QAM	44615	25RB#0	VH	NT	5.82	0.001572	±2.5	PASS
43(3700-3800)	5MHz	QPSK	45090	25RB#0	VN	NT	-3.99	-0.001064	±2.5	PASS
43(3700-3800)	5MHz	QPSK	45090	25RB#0	VL	NT	5.19	0.001384	±2.5	PASS
43(3700-3800)	5MHz	QPSK	45090	25RB#0	VH	NT	-6.87	-0.001832	±2.5	PASS
43(3700-3800)	5MHz	16QAM	45090	25RB#0	VN	NT	-4.01	-0.001069	±2.5	PASS
43(3700-3800)	5MHz	16QAM	45090	25RB#0	VL	NT	3.82	0.001019	±2.5	PASS
43(3700-3800)	5MHz	16QAM	45090	25RB#0	VH	NT	-3.98	-0.001061	±2.5	PASS
43(3700-3800)	5MHz	QPSK	45565	25RB#0	VN	NT	-4.95	-0.001303	±2.5	PASS
43(3700-3800)	5MHz	QPSK	45565	25RB#0	VL	NT	-2.73	-0.000719	±2.5	PASS
43(3700-3800)	5MHz	QPSK	45565	25RB#0	VH	NT	3.98	0.001048	±2.5	PASS
43(3700-3800)	5MHz	16QAM	45565	25RB#0	VN	NT	5.81	0.001530	±2.5	PASS
43(3700-3800)	5MHz	16QAM	45565	25RB#0	VL	NT	4.86	0.001280	±2.5	PASS

43(3700-3800)	5MHz	16QAM	45565	25RB#0	VH	NT	-6.57	-0.001730	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	VN	NT	6.37	0.001719	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	VL	NT	-7.34	-0.001981	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	VH	NT	3.42	0.000923	±2.5	PASS
43(3700-3800)	10MHz	16QAM	44640	50RB#0	VN	NT	-6.47	-0.001746	±2.5	PASS
43(3700-3800)	10MHz	16QAM	44640	50RB#0	VL	NT	-4.99	-0.001347	±2.5	PASS
43(3700-3800)	10MHz	16QAM	44640	50RB#0	VH	NT	6.64	0.001792	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45090	50RB#0	VN	NT	3.03	0.000808	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45090	50RB#0	VL	NT	-5.45	-0.001453	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45090	50RB#0	VH	NT	4.33	0.001155	±2.5	PASS
43(3700-3800)	10MHz	16QAM	45090	50RB#0	VN	NT	-5.08	-0.001355	±2.5	PASS
43(3700-3800)	10MHz	16QAM	45090	50RB#0	VL	NT	9.24	0.002464	±2.5	PASS
43(3700-3800)	10MHz	16QAM	45090	50RB#0	VH	NT	4.62	0.001232	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	VN	NT	6.67	0.001758	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	VL	NT	7.98	0.002103	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	VH	NT	4.52	0.001191	±2.5	PASS
43(3700-3800)	10MHz	16QAM	45540	50RB#0	VN	NT	3.25	0.000856	±2.5	PASS
43(3700-3800)	10MHz	16QAM	45540	50RB#0	VL	NT	3.85	0.001014	±2.5	PASS
43(3700-3800)	10MHz	16QAM	45540	50RB#0	VH	NT	4.98	0.001312	±2.5	PASS
43(3700-3800)	15MHz	QPSK	44665	75RB#0	VN	NT	5.42	0.001462	±2.5	PASS
43(3700-3800)	15MHz	QPSK	44665	75RB#0	VL	NT	-4.11	-0.001109	±2.5	PASS

43(3700-3800)	15MHz	QPSK	44665	75RB#0	VH	NT	-7.40	-0.001996	±2.5	PASS
43(3700-3800)	15MHz	16QAM	44665	75RB#0	VN	NT	-4.62	-0.001246	±2.5	PASS
43(3700-3800)	15MHz	16QAM	44665	75RB#0	VL	NT	-4.12	-0.001111	±2.5	PASS
43(3700-3800)	15MHz	16QAM	44665	75RB#0	VH	NT	-5.62	-0.001516	±2.5	PASS
43(3700-3800)	15MHz	QPSK	45090	75RB#0	VN	NT	6.59	0.001757	±2.5	PASS
43(3700-3800)	15MHz	QPSK	45090	75RB#0	VL	NT	6.49	0.001731	±2.5	PASS
43(3700-3800)	15MHz	QPSK	45090	75RB#0	VH	NT	3.93	0.001048	±2.5	PASS
43(3700-3800)	15MHz	16QAM	45090	75RB#0	VN	NT	2.92	0.000779	±2.5	PASS
43(3700-3800)	15MHz	16QAM	45090	75RB#0	VL	NT	5.14	0.001371	±2.5	PASS
43(3700-3800)	15MHz	16QAM	45090	75RB#0	VH	NT	5.26	0.001403	±2.5	PASS
43(3700-3800)	15MHz	QPSK	45515	75RB#0	VN	NT	-3.18	-0.000838	±2.5	PASS
43(3700-3800)	15MHz	QPSK	45515	75RB#0	VL	NT	-5.84	-0.001540	±2.5	PASS
43(3700-3800)	15MHz	QPSK	45515	75RB#0	VH	NT	7.98	0.002104	±2.5	PASS
43(3700-3800)	15MHz	16QAM	45515	75RB#0	VN	NT	6.74	0.001777	±2.5	PASS
43(3700-3800)	15MHz	16QAM	45515	75RB#0	VL	NT	4.65	0.001226	±2.5	PASS
43(3700-3800)	15MHz	16QAM	45515	75RB#0	VH	NT	4.13	0.001089	±2.5	PASS
43(3700-3800)	20MHz	QPSK	44690	100RB#0	VN	NT	-5.25	-0.001415	±2.5	PASS
43(3700-3800)	20MHz	QPSK	44690	100RB#0	VL	NT	3.93	0.001059	±2.5	PASS
43(3700-3800)	20MHz	QPSK	44690	100RB#0	VH	NT	-3.93	-0.001059	±2.5	PASS
43(3700-3800)	20MHz	16QAM	44690	100RB#0	VN	NT	7.61	0.002051	±2.5	PASS
43(3700-3800)	20MHz	16QAM	44690	100RB#0	VL	NT	5.09	0.001372	±2.5	PASS

43(3700-3800)	20MHz	16QAM	44690	100RB#0	VH	NT	4.52	0.001218	±2.5	PASS
43(3700-3800)	20MHz	QPSK	45090	100RB#0	VN	NT	7.47	0.001992	±2.5	PASS
43(3700-3800)	20MHz	QPSK	45090	100RB#0	VL	NT	4.66	0.001243	±2.5	PASS
43(3700-3800)	20MHz	QPSK	45090	100RB#0	VH	NT	5.62	0.001499	±2.5	PASS
43(3700-3800)	20MHz	16QAM	45090	100RB#0	VN	NT	7.18	0.001915	±2.5	PASS
43(3700-3800)	20MHz	16QAM	45090	100RB#0	VL	NT	-3.71	-0.000989	±2.5	PASS
43(3700-3800)	20MHz	16QAM	45090	100RB#0	VH	NT	2.75	0.000733	±2.5	PASS
43(3700-3800)	20MHz	QPSK	45490	100RB#0	VN	NT	-4.65	-0.001227	±2.5	PASS
43(3700-3800)	20MHz	QPSK	45490	100RB#0	VL	NT	3.49	0.000921	±2.5	PASS
43(3700-3800)	20MHz	QPSK	45490	100RB#0	VH	NT	3.52	0.000929	±2.5	PASS
43(3700-3800)	20MHz	16QAM	45490	100RB#0	VN	NT	-5.14	-0.001356	±2.5	PASS
43(3700-3800)	20MHz	16QAM	45490	100RB#0	VL	NT	5.98	0.001578	±2.5	PASS
43(3700-3800)	20MHz	16QAM	45490	100RB#0	VH	NT	2.56	0.000675	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
43(3700-3800)	5MHz	QPSK	44615	25RB#0	NV	-30	5.75	0.001553	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	NV	-20	-4.23	-0.001142	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	NV	-10	5.35	0.001445	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	NV	0	7.28	0.001966	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	NV	10	5.61	0.001515	±2.5	PASS
43(3700-3800)	5MHz	QPSK	44615	25RB#0	NV	20	7.18	0.001939	±2.5	PASS

-3800)										
43(3700 -3800)	5MHz	QPSK	44615	25RB#0	NV	30	4.79	0.001294	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	44615	25RB#0	NV	40	5.54	0.001496	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	44615	25RB#0	NV	50	-3.93	-0.001061	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	-30	-2.60	-0.000702	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	-20	6.87	0.001856	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	-10	9.13	0.002466	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	0	4.15	0.001121	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	10	6.98	0.001885	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	20	6.95	0.001877	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	30	4.75	0.001283	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	40	9.37	0.002531	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	44615	25RB#0	NV	50	8.68	0.002344	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	-30	4.84	0.001291	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	-20	-8.70	-0.002320	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	-10	3.02	0.000805	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	0	5.65	0.001507	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	10	5.78	0.001541	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	20	5.18	0.001381	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	30	9.07	0.002419	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	40	-4.01	-0.001069	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45090	25RB#0	NV	50	4.49	0.001197	±2.5	PASS

-3800)										
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	-30	5.82	0.001552	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	-20	3.35	0.000893	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	-10	-8.00	-0.002133	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	0	-3.49	-0.000931	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	10	-3.42	-0.000912	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	20	-3.59	-0.000957	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	30	4.31	0.001149	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	40	4.73	0.001261	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45090	25RB#0	NV	50	-5.75	-0.001533	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	-30	-3.43	-0.000903	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	-20	-4.23	-0.001114	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	-10	6.29	0.001656	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	0	-4.26	-0.001122	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	10	-5.92	-0.001559	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	20	-4.89	-0.001288	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	30	-3.48	-0.000916	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	40	4.65	0.001224	±2.5	PASS
43(3700 -3800)	5MHz	QPSK	45565	25RB#0	NV	50	-3.96	-0.001043	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	-30	5.09	0.001340	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	-20	4.85	0.001277	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	-10	7.32	0.001928	±2.5	PASS

-3800)										
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	0	4.79	0.001261	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	10	8.20	0.002159	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	20	6.41	0.001688	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	30	-4.62	-0.001217	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	40	-4.28	-0.001127	±2.5	PASS
43(3700 -3800)	5MHz	16QAM	45565	25RB#0	NV	50	4.71	0.001240	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	-30	4.12	0.001112	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	-20	-4.98	-0.001344	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	-10	-5.21	-0.001406	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	0	-4.84	-0.001306	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	10	4.41	0.001190	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	20	5.31	0.001433	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	30	6.14	0.001657	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	40	5.39	0.001455	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	44640	50RB#0	NV	50	3.88	0.001047	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	-30	-6.90	-0.001862	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	-20	3.00	0.000810	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	-10	3.75	0.001012	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	0	9.57	0.002583	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	10	3.78	0.001020	±2.5	PASS
43(3700	10MHz	16QAM	44640	50RB#0	NV	20	5.26	0.001420	±2.5	PASS

-3800)										
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	30	-5.92	-0.001598	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	40	5.04	0.001360	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	44640	50RB#0	NV	50	6.35	0.001714	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	-30	4.41	0.001176	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	-20	6.17	0.001645	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	-10	5.84	0.001557	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	0	6.75	0.001800	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	10	-3.32	-0.000885	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	20	3.39	0.000904	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	30	3.15	0.000840	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	40	5.11	0.001363	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45090	50RB#0	NV	50	5.05	0.001347	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	-30	8.34	0.002224	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	-20	6.47	0.001725	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	-10	3.06	0.000816	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	0	2.96	0.000789	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	10	3.50	0.000933	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	20	5.46	0.001456	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	30	6.71	0.001789	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	40	4.41	0.001176	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45090	50RB#0	NV	50	6.35	0.001693	±2.5	PASS

-3800)										
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	-30	4.92	0.001296	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	-20	-7.05	-0.001858	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	-10	6.74	0.001776	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	0	5.59	0.001473	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	10	7.87	0.002074	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	20	8.87	0.002337	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	30	5.82	0.001534	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	40	3.88	0.001022	±2.5	PASS
43(3700 -3800)	10MHz	QPSK	45540	50RB#0	NV	50	7.25	0.001910	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	-30	-2.99	-0.000788	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	-20	5.44	0.001433	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	-10	4.84	0.001275	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	0	2.76	0.000727	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	10	9.06	0.002387	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	20	4.21	0.001109	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	30	3.06	0.000806	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	40	8.35	0.002200	±2.5	PASS
43(3700 -3800)	10MHz	16QAM	45540	50RB#0	NV	50	5.04	0.001328	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	-30	-4.26	-0.001149	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	-20	-5.01	-0.001351	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	-10	-4.18	-0.001127	±2.5	PASS

-3800)										
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	0	-4.53	-0.001222	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	10	4.53	0.001222	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	20	-2.20	-0.000593	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	30	-5.62	-0.001516	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	40	3.29	0.000887	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	44665	75RB#0	NV	50	-4.09	-0.001103	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	-30	-5.54	-0.001494	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	-20	5.24	0.001413	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	-10	-6.37	-0.001718	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	0	3.66	0.000987	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	10	-7.58	-0.002045	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	20	-7.22	-0.001947	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	30	3.79	0.001022	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	40	-4.53	-0.001222	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	44665	75RB#0	NV	50	-4.39	-0.001184	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	-30	-3.89	-0.001037	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	-20	4.08	0.001088	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	-10	-2.70	-0.000720	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	0	-4.29	-0.001144	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	10	6.07	0.001619	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	20	-3.55	-0.000947	±2.5	PASS

-3800)										
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	30	-5.51	-0.001469	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	40	-5.18	-0.001381	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45090	75RB#0	NV	50	-4.05	-0.001080	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	-30	7.04	0.001877	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	-20	7.61	0.002029	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	-10	2.86	0.000763	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	0	-5.26	-0.001403	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	10	5.45	0.001453	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	20	-4.86	-0.001296	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	30	5.56	0.001483	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	40	-5.84	-0.001557	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45090	75RB#0	NV	50	6.14	0.001637	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	-30	2.23	0.000588	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	-20	4.05	0.001068	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	-10	-6.35	-0.001674	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	0	-6.55	-0.001727	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	10	-7.30	-0.001925	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	20	-7.61	-0.002007	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	30	4.79	0.001263	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	40	4.99	0.001316	±2.5	PASS
43(3700 -3800)	15MHz	QPSK	45515	75RB#0	NV	50	-4.49	-0.001184	±2.5	PASS

-3800)										
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	-30	3.08	0.000812	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	-20	-4.69	-0.001237	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	-10	3.12	0.000823	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	0	4.95	0.001305	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	10	5.06	0.001334	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	20	4.42	0.001165	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	30	-5.26	-0.001387	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	40	-6.51	-0.001717	±2.5	PASS
43(3700 -3800)	15MHz	16QAM	45515	75RB#0	NV	50	7.00	0.001846	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	-30	4.38	0.001181	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	-20	5.72	0.001542	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	-10	-5.15	-0.001388	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	0	-5.22	-0.001407	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	10	4.05	0.001092	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	20	-4.22	-0.001137	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	30	5.09	0.001372	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	40	3.95	0.001065	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	44690	100RB#0	NV	50	3.79	0.001022	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	-30	5.78	0.001558	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	-20	4.58	0.001235	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	-10	6.21	0.001674	±2.5	PASS

-3800)										
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	0	-2.70	-0.000728	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	10	3.65	0.000984	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	20	-5.95	-0.001604	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	30	-3.96	-0.001067	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	40	3.42	0.000922	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	44690	100RB#0	NV	50	5.01	0.001350	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	-30	5.35	0.001427	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	-20	4.28	0.001141	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	-10	5.82	0.001552	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	0	-5.52	-0.001472	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	10	4.51	0.001203	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	20	2.05	0.000547	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	30	5.92	0.001579	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	40	-5.12	-0.001365	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45090	100RB#0	NV	50	3.83	0.001021	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	-30	3.76	0.001003	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	-20	-5.14	-0.001371	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	-10	5.01	0.001336	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	0	-4.79	-0.001277	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	10	-4.72	-0.001259	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	20	-4.75	-0.001267	±2.5	PASS

-3800)										
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	30	-4.22	-0.001125	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	40	5.49	0.001464	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45090	100RB#0	NV	50	-5.34	-0.001424	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	-30	5.36	0.001414	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	-20	-6.19	-0.001633	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	-10	5.81	0.001533	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	0	3.35	0.000884	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	10	2.79	0.000736	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	20	7.25	0.001913	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	30	-4.26	-0.001124	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	40	3.58	0.000945	±2.5	PASS
43(3700 -3800)	20MHz	QPSK	45490	100RB#0	NV	50	6.15	0.001623	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	-30	-3.30	-0.000871	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	-20	-7.60	-0.002005	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	-10	4.22	0.001113	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	0	6.65	0.001755	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	10	6.37	0.001681	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	20	3.16	0.000834	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	30	4.46	0.001177	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	40	-7.15	-0.001887	±2.5	PASS
43(3700 -3800)	20MHz	16QAM	45490	100RB#0	NV	50	-5.89	-0.001554	±2.5	PASS

-3800)										
--------	--	--	--	--	--	--	--	--	--	--

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
43(3700-3800)	5MHz	QPSK	44615	25RB#0	PASS
43(3700-3800)	5MHz	16QAM	44615	25RB#0	PASS
43(3700-3800)	5MHz	QPSK	45090	25RB#0	PASS
43(3700-3800)	5MHz	16QAM	45090	25RB#0	PASS
43(3700-3800)	5MHz	QPSK	45565	25RB#0	PASS
43(3700-3800)	5MHz	16QAM	45565	25RB#0	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	PASS
43(3700-3800)	10MHz	16QAM	44640	50RB#0	PASS
43(3700-3800)	10MHz	QPSK	45090	50RB#0	PASS
43(3700-3800)	10MHz	16QAM	45090	50RB#0	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	PASS
43(3700-3800)	10MHz	16QAM	45540	50RB#0	PASS
43(3700-3800)	15MHz	QPSK	44665	75RB#0	PASS
43(3700-3800)	15MHz	16QAM	44665	75RB#0	PASS
43(3700-3800)	15MHz	QPSK	45090	75RB#0	PASS
43(3700-3800)	15MHz	16QAM	45090	75RB#0	PASS
43(3700-3800)	15MHz	QPSK	45515	75RB#0	PASS
43(3700-3800)	15MHz	16QAM	45515	75RB#0	PASS
43(3700-3800)	20MHz	QPSK	44690	100RB#0	PASS
43(3700-3800)	20MHz	16QAM	44690	100RB#0	PASS
43(3700-3800)	20MHz	QPSK	45090	100RB#0	PASS
43(3700-3800)	20MHz	16QAM	45090	100RB#0	PASS
43(3700-3800)	20MHz	QPSK	45490	100RB#0	PASS
43(3700-3800)	20MHz	16QAM	45490	100RB#0	PASS

Test Graphs

