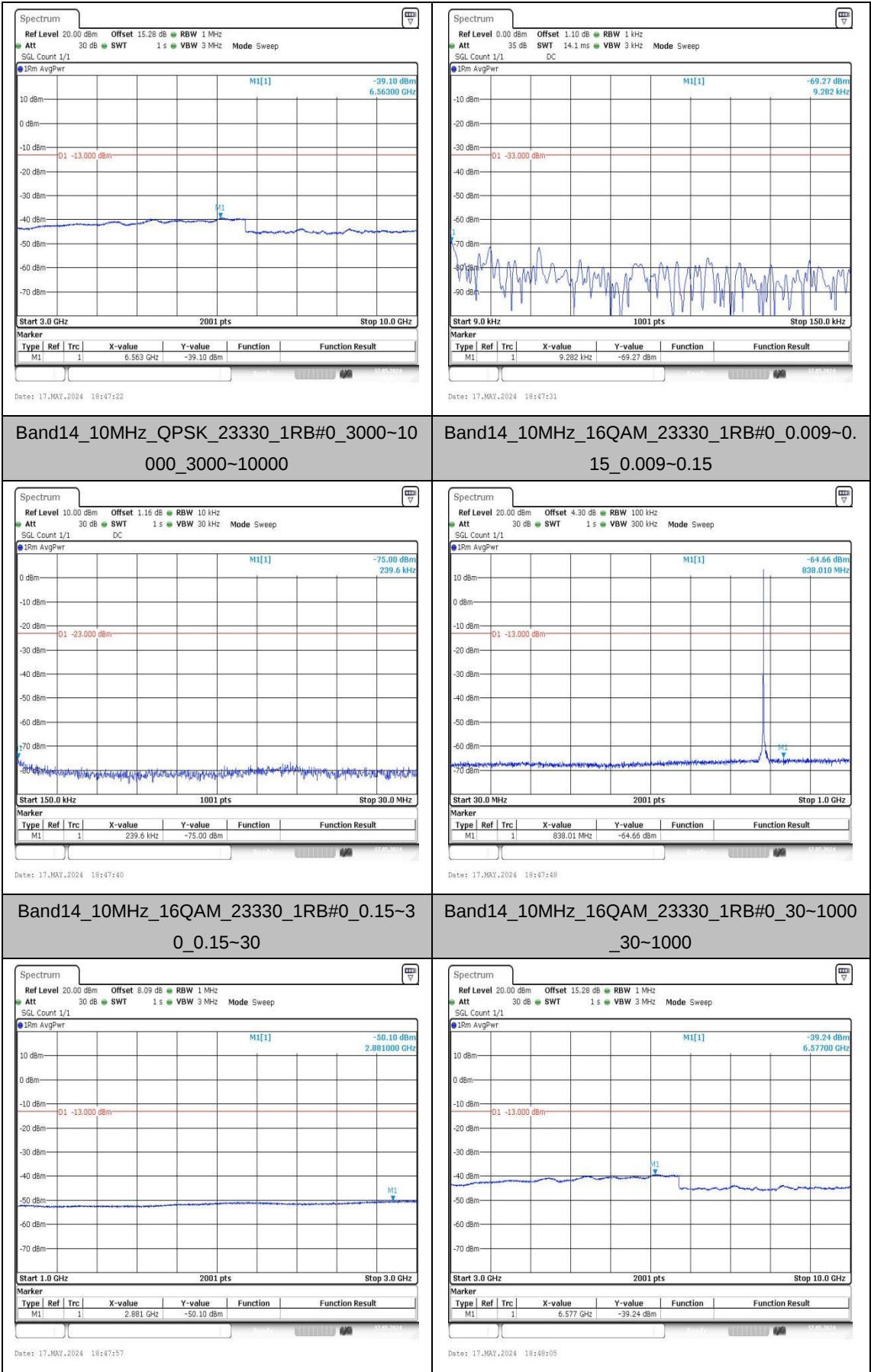




Band14_10MHz_16QAM_23330_1RB#0_1000~3000_1000~3000	Band14_10MHz_16QAM_23330_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	VN	NT	3.08	0.003896	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	VL	NT	12.17	0.015395	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	VH	NT	4.01	0.005073	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	VN	NT	2.63	0.003327	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	VL	NT	8.71	0.011018	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	VH	NT	12.43	0.015724	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	VN	NT	3.76	0.004741	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	VL	NT	0.87	0.001097	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	VH	NT	3.15	0.003972	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	VN	NT	1.87	0.002358	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	VL	NT	12.42	0.015662	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	VH	NT	1.12	0.001412	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VN	NT	7.67	0.009642	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VL	NT	3.93	0.004940	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VH	NT	1.92	0.002414	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	VN	NT	-8.14	-0.010233	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	VL	NT	-8.48	-0.010660	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	VH	NT	3.78	0.004752	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VN	NT	-2.98	-0.003758	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	-2.80	-0.003531	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	-1.89	-0.002383	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	VN	NT	13.05	0.016456	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	VL	NT	1.59	0.002005	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	VH	NT	-2.13	-0.002686	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	NV	-30	3.65	0.004617	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-20	4.33	0.005478	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-10	4.66	0.005895	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	0	3.55	0.004491	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	10	13.42	0.016977	±2.5	PASS

Band14	5MHz	QPSK	23305	25RB#0	NV	20	2.43	0.003074	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	30	2.26	0.002859	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	40	4.53	0.005731	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	50	4.92	0.006224	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-30	10.50	0.013283	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-20	2.66	0.003365	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-10	9.78	0.012372	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	0	1.30	0.001645	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	10	-4.22	-0.005338	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	20	-2.07	-0.002619	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	30	10.64	0.013460	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	40	11.10	0.014042	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	50	8.21	0.010386	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	-30	1.67	0.002106	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	-20	-1.39	-0.001753	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	-10	1.13	0.001425	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	0	1.65	0.002081	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	10	12.86	0.016217	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	20	-0.76	-0.000958	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	30	13.43	0.016936	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	40	1.07	0.001349	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	50	1.85	0.002333	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	-30	-2.70	-0.003405	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	-20	1.37	0.001728	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	-10	-2.93	-0.003695	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	0	-1.26	-0.001589	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	10	12.42	0.015662	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	20	2.07	0.002610	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	30	-1.00	-0.001261	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	40	11.49	0.014489	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	50	-1.32	-0.001665	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-30	2.80	0.003520	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-20	-8.40	-0.010559	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-10	2.09	0.002627	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	0	3.00	0.003771	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	10	-1.65	-0.002074	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	20	-8.43	-0.010597	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	30	3.36	0.004224	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	40	-1.47	-0.001848	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	50	-5.55	-0.006977	±2.5	PASS

Band14	5MHz	16QAM	23355	25RB#0	NV	-30	-2.29	-0.002879	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	-20	3.13	0.003935	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	-10	13.50	0.016970	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	0	2.36	0.002967	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	10	3.55	0.004463	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	20	13.18	0.016568	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	30	3.19	0.004010	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	40	1.76	0.002212	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	50	2.23	0.002803	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-30	13.19	0.016633	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	-2.06	-0.002598	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	-1.43	-0.001803	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	1.53	0.001929	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	1.27	0.001602	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-2.96	-0.003733	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	-1.14	-0.001438	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	-2.86	-0.003607	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	12.49	0.015750	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-30	-1.80	-0.002270	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-20	11.04	0.013922	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-10	-2.96	-0.003733	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	0	12.26	0.015460	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	10	-2.60	-0.003279	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	20	-1.80	-0.002270	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	30	2.93	0.003695	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	40	-1.97	-0.002484	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	50	1.29	0.001627	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band14	5MHz	QPSK	23305	25RB#0	PASS
Band14	5MHz	16QAM	23305	25RB#0	PASS
Band14	5MHz	QPSK	23330	25RB#0	PASS
Band14	5MHz	16QAM	23330	25RB#0	PASS
Band14	5MHz	QPSK	23355	25RB#0	PASS
Band14	5MHz	16QAM	23355	25RB#0	PASS
Band14	10MHz	QPSK	23330	50RB#0	PASS
Band14	10MHz	16QAM	23330	50RB#0	PASS

Test Graphs

