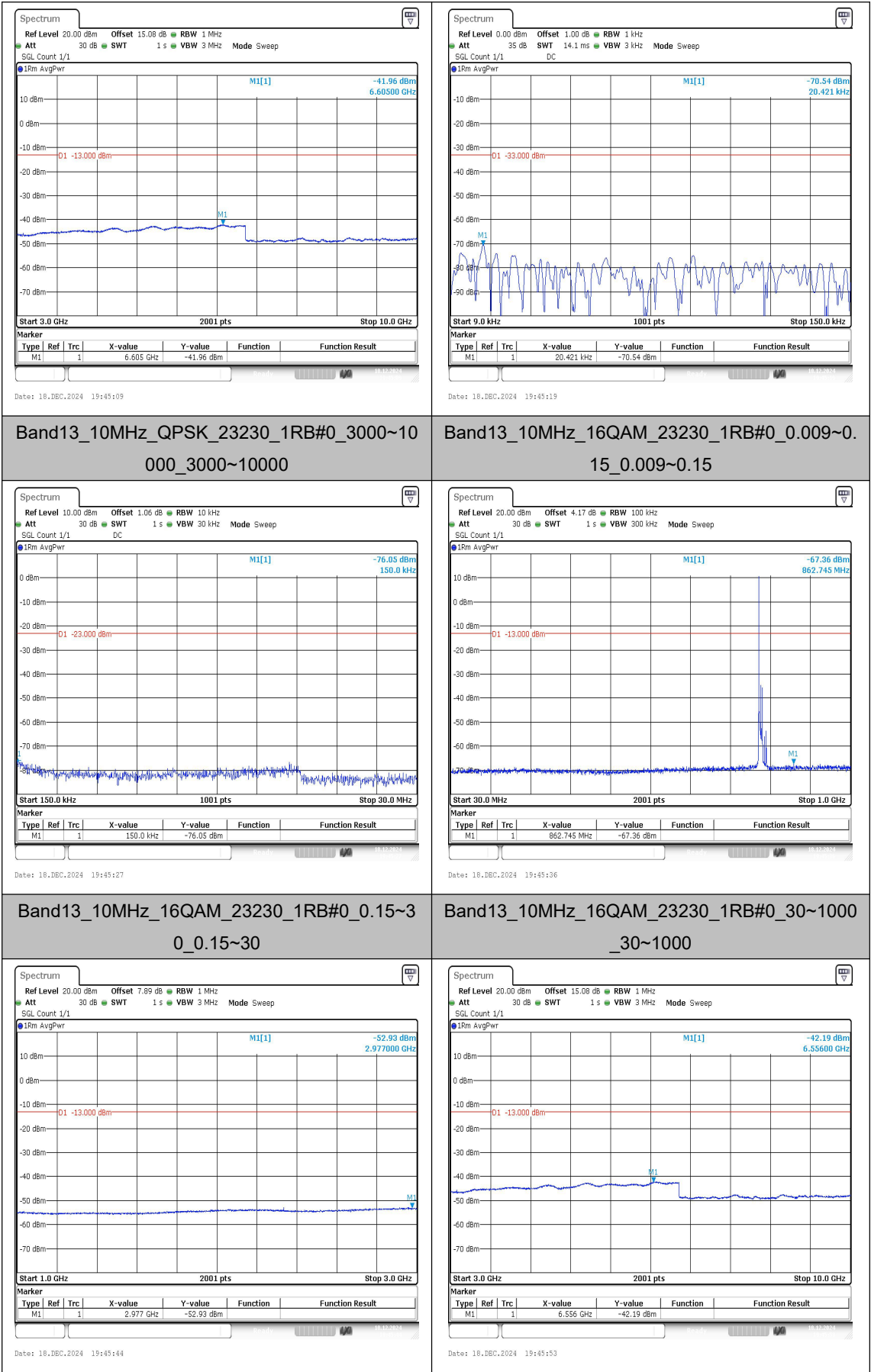




Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000	Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-5.66	-0.007261	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	2.65	0.003400	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-4.18	-0.005362	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-4.23	-0.005427	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.88	-0.004978	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-5.31	-0.006812	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-3.16	-0.004041	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-4.08	-0.005217	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-4.52	-0.005780	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-8.64	-0.011049	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-7.75	-0.009910	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-7.75	-0.009910	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-1.73	-0.002205	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	2.02	0.002575	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	1.66	0.002116	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-2.57	-0.003276	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	1.59	0.002027	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-1.97	-0.002511	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	2.56	0.003274	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	2.98	0.003811	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	2.52	0.003223	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-5.49	-0.007020	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-3.25	-0.004156	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-3.08	-0.003939	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-4.25	-0.005452	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-3.99	-0.005119	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-3.81	-0.004888	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-2.98	-0.003823	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-2.75	-0.003528	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	20	-4.16	-0.005337	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-4.66	-0.005978	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-3.05	-0.003913	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-2.09	-0.002681	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-3.95	-0.005067	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-3.39	-0.004349	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-4.71	-0.006042	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.85	-0.006222	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-4.36	-0.005593	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-4.33	-0.005555	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-3.53	-0.004529	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-4.76	-0.006106	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-4.06	-0.005208	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-5.02	-0.006419	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-7.07	-0.009041	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-5.51	-0.007046	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-6.42	-0.008210	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-6.39	-0.008171	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-5.22	-0.006675	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-6.71	-0.008581	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-6.98	-0.008926	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-10.07	-0.012877	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-8.43	-0.010780	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-6.61	-0.008453	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-7.51	-0.009604	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-6.54	-0.008363	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-7.05	-0.009015	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-6.72	-0.008593	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-4.11	-0.005256	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-5.49	-0.007020	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-3.25	-0.004156	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-2.22	-0.002830	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	1.22	0.001555	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	1.67	0.002129	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	1.73	0.002205	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-1.46	-0.001861	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	1.79	0.002282	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-1.76	-0.002243	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-2.59	-0.003301	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-2.07	-0.002639	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-1.60	-0.002040	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	2.47	0.003149	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-2.37	-0.003021	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-3.48	-0.004436	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-3.48	-0.004436	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-2.72	-0.003467	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-3.98	-0.005073	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-2.86	-0.003646	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-3.72	-0.004742	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	1.30	0.001662	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-1.86	-0.002379	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2.39	-0.003056	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-3.91	-0.005000	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-4.92	-0.006292	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-3.81	-0.004872	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-3.18	-0.004066	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-4.41	-0.005639	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.85	-0.003645	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-2.99	-0.003824	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-2.43	-0.003107	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-2.65	-0.003389	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	1.95	0.002494	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	2.03	0.002596	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	2.70	0.003453	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	3.98	0.005090	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	3.88	0.004962	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	2.85	0.003645	±2.5	PASS