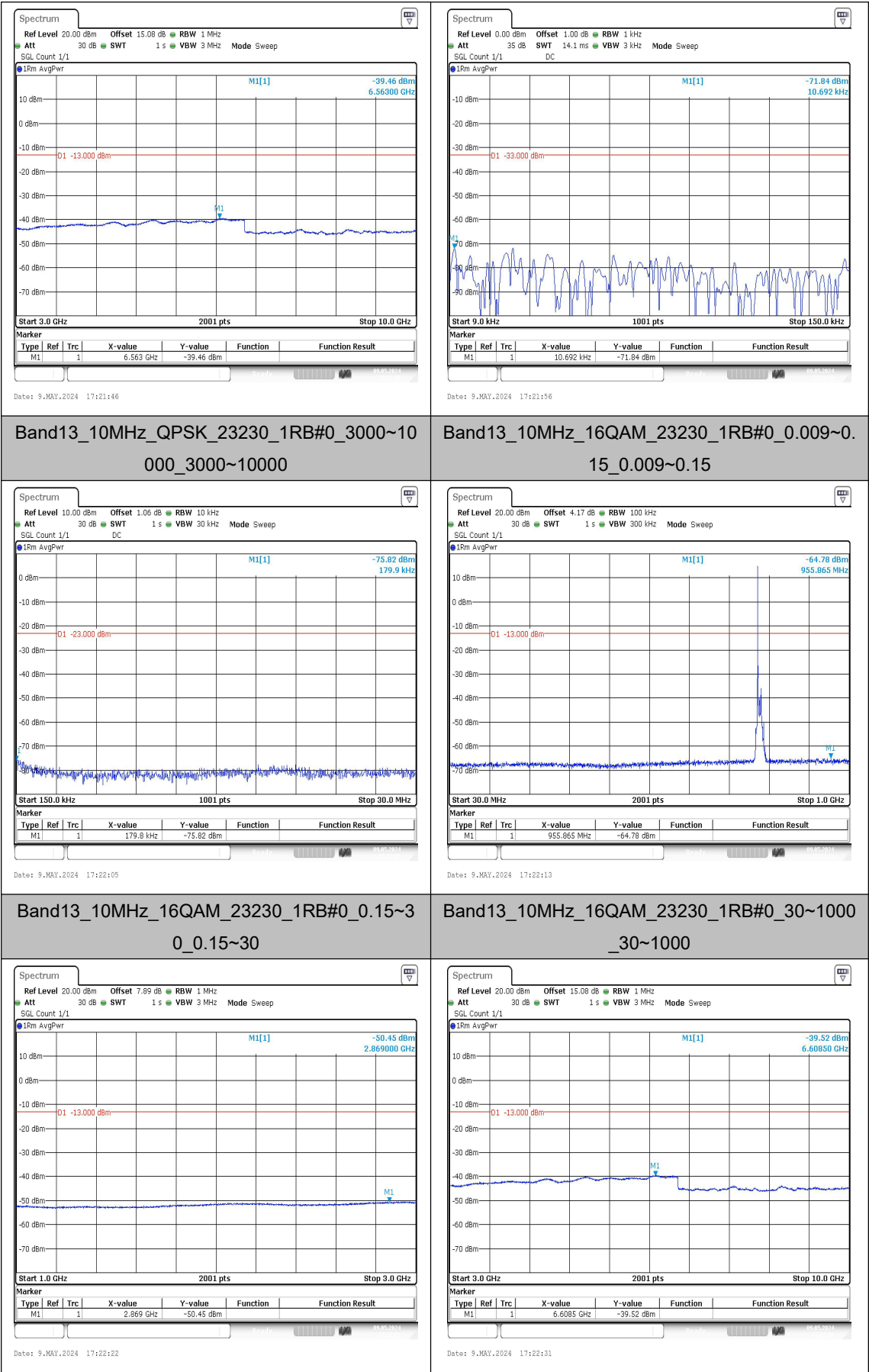




Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000	Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	-3.83	-0.004913	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-4.59	-0.005888	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-4.39	-0.005632	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-7.37	-0.009455	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.43	-0.004400	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-7.78	-0.009981	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-3.13	-0.004003	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-4.66	-0.005959	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-4.58	-0.005857	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-1.40	-0.001790	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	3.98	0.005090	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-3.83	-0.004898	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	3.20	0.004079	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-3.76	-0.004793	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-2.45	-0.003123	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-2.70	-0.003442	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-4.63	-0.005902	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-6.81	-0.008681	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2.73	-0.003491	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	4.45	0.005691	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-5.11	-0.006535	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-1.19	-0.001522	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-3.96	-0.005064	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	1.86	0.002379	±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	-4.79	-0.006145	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-6.09	-0.007813	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-5.29	-0.006786	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-5.76	-0.007389	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-7.30	-0.009365	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	20	2.02	0.002591	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	2.03	0.002604	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-7.78	-0.009981	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-2.27	-0.002912	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-5.31	-0.006812	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-4.36	-0.005593	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-5.02	-0.006440	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.53	-0.005811	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-8.54	-0.010956	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-4.98	-0.006389	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-4.25	-0.005452	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-3.72	-0.004772	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-5.44	-0.006979	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	5.64	0.007212	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-2.83	-0.003619	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-2.83	-0.003619	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-2.17	-0.002775	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-2.80	-0.003581	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-1.53	-0.001957	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	1.47	0.001880	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-0.84	-0.001074	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-2.40	-0.003069	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	2.85	0.003645	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-3.99	-0.005102	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-3.49	-0.004463	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-3.13	-0.004003	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-3.66	-0.004680	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-3.52	-0.004501	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-3.62	-0.004629	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-4.01	-0.005128	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	3.02	0.003862	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-2.83	-0.003607	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-3.73	-0.004755	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-3.00	-0.003824	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-6.84	-0.008719	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-6.35	-0.008094	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-3.30	-0.004207	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-5.61	-0.007151	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-3.29	-0.004194	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	2.60	0.003314	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-6.02	-0.007674	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	3.35	0.004270	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-5.81	-0.007406	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-6.01	-0.007661	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-5.76	-0.007342	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	2.13	0.002715	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-3.82	-0.004869	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-4.78	-0.006093	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-1.40	-0.001785	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-2.96	-0.003785	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-4.55	-0.005818	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	2.63	0.003363	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-5.15	-0.006586	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	2.47	0.003159	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-4.73	-0.006049	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	3.28	0.004194	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-4.61	-0.005895	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	2.36	0.003018	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	2.68	0.003427	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-4.81	-0.006151	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	2.32	0.002967	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-5.72	-0.007315	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-3.03	-0.003875	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-2.76	-0.003529	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-3.22	-0.004118	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-2.92	-0.003734	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-3.08	-0.003939	±2.5	PASS