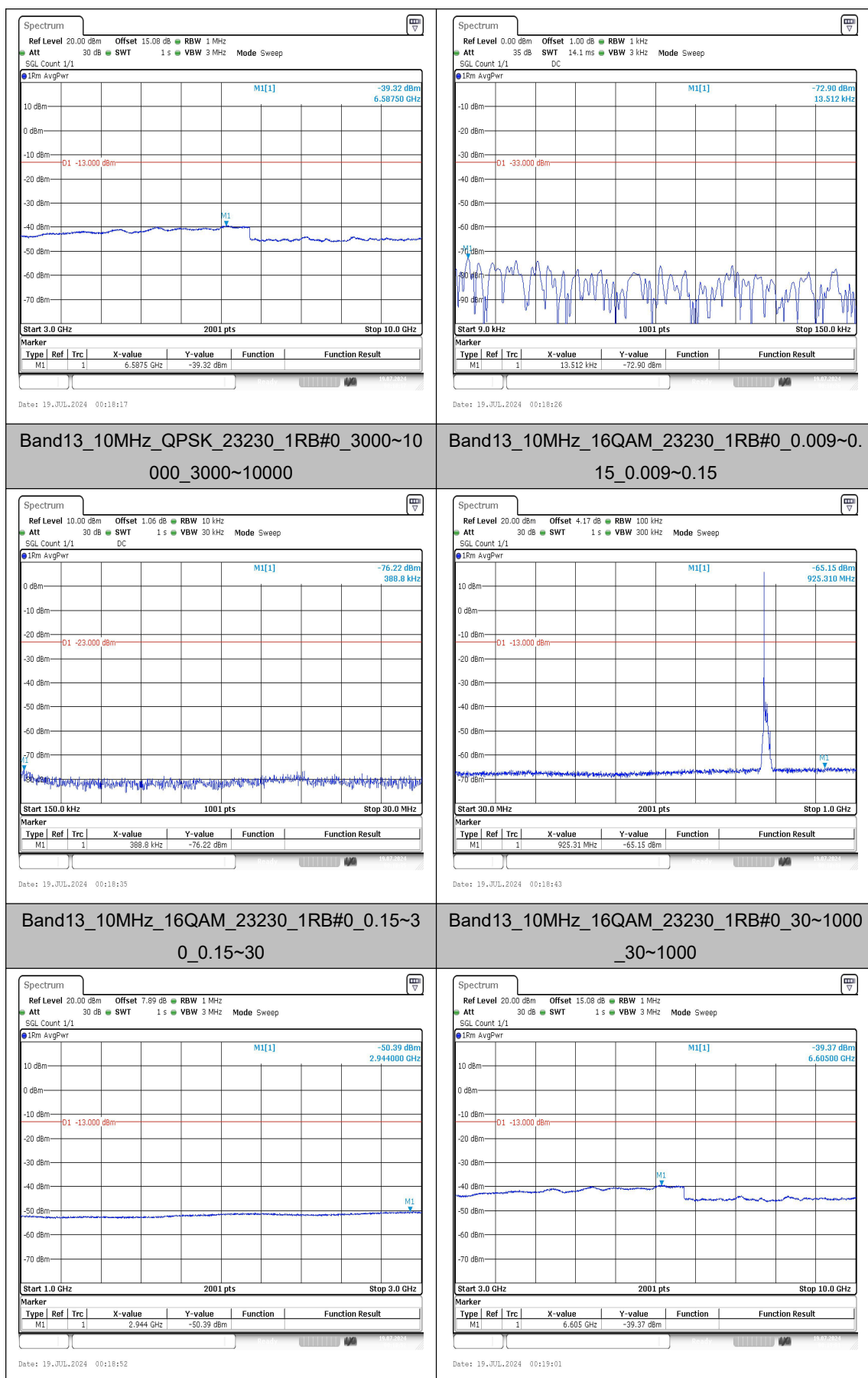




Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000	Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	-3.82	-0.004901	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-7.20	-0.009237	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-2.93	-0.003759	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-5.34	-0.006851	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-2.89	-0.003708	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-5.45	-0.006992	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	6.91	0.008836	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-3.83	-0.004898	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-3.66	-0.004680	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-5.91	-0.007558	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-8.35	-0.010678	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	2.98	0.003811	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-3.72	-0.004742	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-8.35	-0.010644	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	1.46	0.001861	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	2.06	0.002626	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-1.02	-0.001300	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-5.29	-0.006743	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-5.32	-0.006803	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-1.73	-0.002212	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-5.95	-0.007609	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-7.35	-0.009399	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	2.83	0.003619	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2.12	0.002711	±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	-5.38	-0.006902	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	2.17	0.002784	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-5.01	-0.006427	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-4.56	-0.005850	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-5.75	-0.007377	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-4.58	-0.005876	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	30	-5.06	-0.006491	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-7.82	-0.010032	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-5.38	-0.006902	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-3.19	-0.004092	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-5.64	-0.007235	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-3.71	-0.004759	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.09	-0.005247	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-3.92	-0.005029	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-4.88	-0.006260	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-3.65	-0.004682	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	1.53	0.001963	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-4.28	-0.005491	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-4.53	-0.005793	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	3.66	0.004680	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-5.56	-0.007110	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-4.62	-0.005908	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	1.49	0.001905	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2.86	-0.003657	±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	-8.67	-0.011087	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-3.43	-0.004386	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-4.38	-0.005601	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-5.92	-0.007570	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-2.99	-0.003824	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-4.76	-0.006087	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-8.14	-0.010409	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-4.51	-0.005767	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-2.57	-0.003286	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-6.49	-0.008299	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	0.99	0.001266	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-3.30	-0.004207	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-3.52	-0.004487	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-2.89	-0.003684	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-6.47	-0.008247	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-5.45	-0.006947	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-4.66	-0.005940	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-5.34	-0.006807	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-4.73	-0.006029	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-7.97	-0.010159	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-3.45	-0.004398	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-3.88	-0.004946	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-3.62	-0.004614	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	2.66	0.003391	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-1.46	-0.001861	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-5.09	-0.006488	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-5.28	-0.006730	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-4.75	-0.006055	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-4.95	-0.006310	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-5.48	-0.007008	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-7.37	-0.009425	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-6.47	-0.008274	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-4.26	-0.005448	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-5.97	-0.007634	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-4.12	-0.005269	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-1.65	-0.002110	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-1.73	-0.002212	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	3.73	0.004770	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-2.19	-0.002801	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	1.70	0.002174	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-1.96	-0.002506	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-2.59	-0.003312	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-3.48	-0.004450	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-7.65	-0.009783	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-2.17	-0.002775	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-4.22	-0.005396	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-2.59	-0.003312	±2.5	PASS