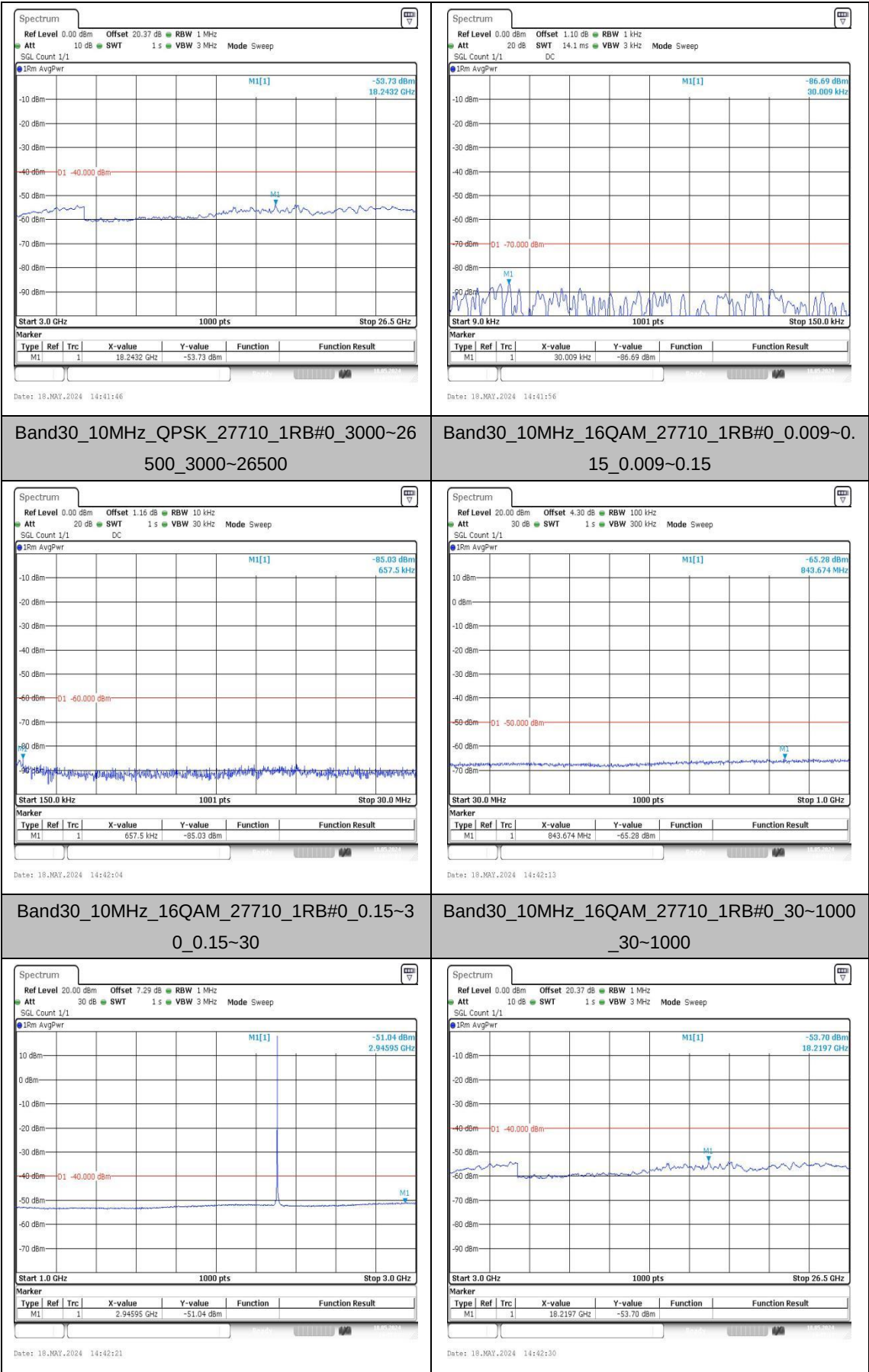




Band30_10MHz_16QAM_27710_1RB#0_1000~3000_1000~3000	Band30_10MHz_16QAM_27710_1RB#0_3000~26500_500_3000~26500
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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	VN	NT	-6.21	-0.002691	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	VL	NT	-7.02	-0.003042	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	VH	NT	-5.45	-0.002362	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	VN	NT	-5.68	-0.002462	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	VL	NT	-3.22	-0.001395	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	VH	NT	-3.33	-0.001443	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	VN	NT	5.55	0.002403	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	VL	NT	5.97	0.002584	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	VH	NT	5.95	0.002576	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	VN	NT	5.79	0.002506	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	VL	NT	3.88	0.001680	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	VH	NT	6.07	0.002628	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VN	NT	-5.92	-0.002560	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VL	NT	-4.23	-0.001829	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VH	NT	-5.29	-0.002288	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	VN	NT	-3.79	-0.001639	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	VL	NT	-4.81	-0.002080	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	VH	NT	-8.85	-0.003827	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	VN	NT	-5.38	-0.002329	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	VL	NT	-5.46	-0.002364	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	VH	NT	-6.52	-0.002823	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	VN	NT	-5.24	-0.002268	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	VL	NT	-4.22	-0.001827	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	VH	NT	-4.96	-0.002147	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	NV	-30	-5.87	-0.002544	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	-20	-6.21	-0.002691	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	-10	-5.78	-0.002505	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	0	-8.03	-0.003480	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	10	-4.92	-0.002132	±2.5	PASS

Band30	5MHz	QPSK	27685	25RB#0	NV	20	-4.09	-0.001772	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	30	-5.88	-0.002548	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	40	-7.61	-0.003298	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	50	-8.07	-0.003497	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	-30	-5.24	-0.002271	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	-20	-4.09	-0.001772	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	-10	-5.32	-0.002306	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	0	3.56	0.001543	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	10	3.50	0.001517	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	20	-4.05	-0.001755	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	30	-6.48	-0.002808	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	40	-5.46	-0.002366	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	NV	50	4.72	0.002046	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	-30	3.68	0.001593	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	-20	5.35	0.002316	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	-10	4.33	0.001874	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	0	-3.73	-0.001615	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	10	-2.27	-0.000983	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	20	4.08	0.001766	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	30	4.12	0.001784	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	40	4.81	0.002082	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	NV	50	5.25	0.002273	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	-30	4.55	0.001970	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	-20	3.82	0.001654	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	-10	5.45	0.002359	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	0	4.98	0.002156	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	10	2.85	0.001234	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	20	4.23	0.001831	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	30	3.09	0.001338	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	40	4.36	0.001887	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	NV	50	3.68	0.001593	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	-30	-5.76	-0.002491	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	-20	-2.93	-0.001267	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	-10	-3.88	-0.001678	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	0	3.23	0.001397	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	10	-3.45	-0.001492	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	20	-3.49	-0.001509	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	30	-4.25	-0.001838	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	40	-3.25	-0.001405	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	50	-6.55	-0.002832	±2.5	PASS

Band30	5MHz	16QAM	27735	25RB#0	NV	-30	-6.51	-0.002815	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	-20	-9.58	-0.004143	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	-10	-6.67	-0.002884	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	0	-3.83	-0.001656	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	10	-5.84	-0.002525	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	20	-6.48	-0.002802	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	30	-7.31	-0.003161	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	40	-7.55	-0.003265	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	NV	50	-7.01	-0.003031	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-30	-5.99	-0.002593	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-20	-5.62	-0.002433	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-10	-5.29	-0.002290	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	0	-6.28	-0.002719	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	10	-4.88	-0.002113	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	20	-7.77	-0.003364	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	30	-6.07	-0.002628	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	40	-5.87	-0.002541	±2.5	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	50	-5.29	-0.002290	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	-30	-4.02	-0.001740	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	-20	-4.91	-0.002126	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	-10	-3.96	-0.001714	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	0	-5.22	-0.002260	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	10	-3.78	-0.001636	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	20	-4.59	-0.001987	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	30	-5.75	-0.002489	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	40	-8.08	-0.003498	±2.5	PASS
Band30	10MHz	16QAM	27710	50RB#0	NV	50	-7.67	-0.003320	±2.5	PASS