

























































## 8.6. Appendix F: Frequency Stability

### 8.6.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	9.64	0.005209	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	6.01	0.003247	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	4.78	0.002583	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	3.19	0.001697	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	6.81	0.003622	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	8.17	0.004346	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	2.76	0.001446	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	7.97	0.004174	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	6.65	0.003483	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	2.12	0.001146	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	5.76	0.003112	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	4.69	0.002534	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	5.59	0.002973	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	9.14	0.004862	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	6.44	0.003426	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	-1.30	-0.000681	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	7.35	0.003850	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	6.65	0.003483	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	9.83	0.005309	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	12.36	0.006676	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	10.50	0.005671	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	10.46	0.005564	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	3.08	0.001638	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	12.66	0.006734	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	5.71	0.002992	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	8.83	0.004627	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	13.52	0.007084	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	6.67	0.003602	±2.5	PASS

Band2	3MHz	16QAM	18615	15RB#0	VL	NT	3.08	0.001664	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	24.00	0.012962	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	10.64	0.005660	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	7.10	0.003777	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	7.32	0.003894	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	3.09	0.001619	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	3.05	0.001598	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	5.89	0.003086	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	7.11	0.003838	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	5.29	0.002856	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	5.88	0.003174	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	4.66	0.002479	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	11.14	0.005926	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	9.20	0.004894	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	6.61	0.003465	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	3.46	0.001814	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	5.99	0.003140	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	3.15	0.001700	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-3.62	-0.001954	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	3.23	0.001744	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	6.49	0.003452	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	7.78	0.004138	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	4.08	0.002170	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	2.45	0.001284	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	3.76	0.001971	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	4.36	0.002286	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	8.44	0.004550	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	6.55	0.003531	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	4.42	0.002383	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	4.94	0.002628	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	10.11	0.005378	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	10.70	0.005691	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	11.84	0.006215	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	9.06	0.004756	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	13.62	0.007150	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-5.95	-0.003208	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-1.87	-0.001008	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	3.38	0.001822	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	8.73	0.004644	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	14.22	0.007564	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	9.56	0.005085	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	6.75	0.003543	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	5.52	0.002898	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	6.55	0.003438	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-4.02	-0.002164	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	4.63	0.002493	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-3.45	-0.001857	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	6.51	0.003463	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	5.68	0.003021	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	7.91	0.004207	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	10.14	0.005330	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	10.83	0.005693	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	9.30	0.004888	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	4.84	0.002606	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	7.01	0.003774	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	6.67	0.003548	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	9.38	0.004989	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	5.44	0.002894	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	5.21	0.002739	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	8.44	0.004436	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	7.58	0.003984	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	4.45	0.002392	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	7.37	0.003962	±2.5	PASS