



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-13.22	-0.007127	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-16.68	-0.008992	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-22.96	-0.012377	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-12.77	-0.006884	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-3.29	-0.001774	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-14.20	-0.007655	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	VN	NT	9.07	0.004889	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	VL	NT	-12.66	-0.006825	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	VH	NT	-9.97	-0.005375	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	16.68	0.008872	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-16.41	-0.008729	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-12.82	-0.006819	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-11.37	-0.006048	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-14.79	-0.007867	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-13.09	-0.006963	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	VN	NT	-15.01	-0.007984	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	VL	NT	-15.34	-0.008160	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	VH	NT	-9.17	-0.004878	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	15.26	0.008010	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	-9.00	-0.004724	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	-16.92	-0.008882	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	-12.55	-0.006588	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	-16.42	-0.008619	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	-11.90	-0.006247	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	VN	NT	-13.59	-0.007134	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	VL	NT	6.79	0.003564	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	VH	NT	-16.88	-0.008861	±2.5	PASS

Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	-12.53	-0.006755	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	6.04	0.003256	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	-16.15	-0.008706	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-14.23	-0.007671	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	9.97	0.005375	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-11.70	-0.006307	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-16.55	-0.008922	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	6.44	0.003472	±2.5	PASS



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Band2	10MHz	QPSK	18650	50RB#0	NV	50	-11.99	-0.006464	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	-10.43	-0.005623	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-12.29	-0.006625	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	-12.40	-0.006685	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-11.29	-0.006086	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-18.21	-0.009817	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-12.27	-0.006615	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	-14.00	-0.007547	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	-17.40	-0.009380	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	10.13	0.005461	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	-30	-12.56	-0.006771	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	-20	-15.48	-0.008345	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	-10	-10.93	-0.005892	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	0	-9.27	-0.004997	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	10	-11.96	-0.006447	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	20	17.50	0.009434	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	30	-12.89	-0.006949	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	40	-12.09	-0.006518	±2.5	PASS
Band2	10MHz	64QAM	18650	50RB#0	NV	50	-19.76	-0.010652	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-3.81	-0.002027	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-15.86	-0.008436	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-13.68	-0.007277	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	11.93	0.006346	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-20.10	-0.010691	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-15.46	-0.008223	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	-13.13	-0.006984	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-14.32	-0.007617	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-16.25	-0.008644	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-17.09	-0.009090	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-17.29	-0.009197	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-17.44	-0.009277	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-11.96	-0.006362	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-14.63	-0.007782	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-12.39	-0.006590	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-6.74	-0.003585	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-11.04	-0.005872	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	-8.45	-0.004495	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	-30	-12.15	-0.006463	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	-20	-15.41	-0.008197	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	-10	-10.77	-0.005729	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	0	-17.54	-0.009330	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	10	-16.47	-0.008761	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	20	-22.62	-0.012032	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	30	-20.04	-0.010660	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	40	-20.11	-0.010697	±2.5	PASS
Band2	10MHz	64QAM	18900	50RB#0	NV	50	-18.28	-0.009723	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	-14.72	-0.007727	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	-5.24	-0.002751	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	-11.12	-0.005837	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-10.10	-0.005302	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-15.35	-0.008058	±2.5	PASS

Huarui 7Layers High
Technology (Suzhou) Co., Ltd

Tower N, Innovation Center, 88 Zhuyi Road, High-tech District,
Suzhou City, Anhui Province

Tel: +86(0557) 368 1008



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VERITAS

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Band2	10MHz	QPSK	19150	50RB#0	NV	20	-2.06	-0.001081	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	-14.79	-0.007764	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	-23.00	-0.012073	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	-16.98	-0.008913	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	-11.90	-0.006247	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	-18.10	-0.009501	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-10	-14.99	-0.007869	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	-18.01	-0.009454	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	-16.38	-0.008598	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	-14.52	-0.007622	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	30	-16.91	-0.008877	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	40	-18.40	-0.009659	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	50	-13.95	-0.007323	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	-30	-21.23	-0.011144	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	-20	-11.86	-0.006226	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	-10	-12.10	-0.006352	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	0	8.93	0.004688	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	10	-16.12	-0.008462	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	20	-10.09	-0.005297	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	30	-14.35	-0.007533	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	40	-16.25	-0.008530	±2.5	PASS
Band2	10MHz	64QAM	19150	50RB#0	NV	50	-14.73	-0.007732	±2.5	PASS

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