



BUREAU
VERITAS

Test Report No.: W7L-P22110036RF10



FREQUENCY STABILITY TEST RESULT

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	20MHz	QPSK	55340	100RB #0	VL	NT	-6.6	-0.001789	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB #0	VN	NT	23.3	0.006314	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB #0	VH	NT	24.4	0.006612	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB #0	VL	NT	16.1	0.004600	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB #0	VN	NT	4.2	0.001200	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB #0	VH	NT	-4.7	-0.001343	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB #0	VL	NT	5.4	0.001490	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB #0	VN	NT	-7.8	-0.002152	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB #0	VH	NT	16.3	0.004497	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB #0	VL	NT	27	0.007317	±2.5	PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

No.B102, Dazhu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@burea



Band48	20MHz	16QAM	55340	100RB#0	VN	NT	6.2	0.001680	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	VH	NT	-24.7	-0.006694	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	VL	NT	27	0.007714	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	VN	NT	2.6	0.000743	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	VH	NT	7.8	0.002229	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	VL	NT	27	0.007448	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	VN	NT	22.7	0.006262	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	VH	NT	0.5	0.000138	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	VL	NT	27	0.007317	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	VN	NT	11.4	0.003089	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	VH	NT	-5.7	-0.001545	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VL	NT	27	0.007714	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VN	NT	8.7	0.002486	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VH	NT	20.2	0.005771	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VL	NT	27	0.007448	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VN	NT	15.4	0.004248	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VH	NT	-18.1	-0.004993	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	NV	-30	10.5	0.002846	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	-20	25.6	0.006938	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	-10	-16.1	-0.004363	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	0	15	0.004065	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	10	-21.2	-0.005745	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	20	15.1	0.004092	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	30	-0.6	-0.000163	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	40	-5.2	-0.001409	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	50	-12.7	-0.003442	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	2.9	0.000829	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	16.6	0.004743	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-10	7.1	0.002029	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	-10.7	-0.003057	±2.5	PASS

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Band48	20MHz	QPSK	55990	100RB#0	NV	10	6.3	0.001800	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	6.1	0.001743	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	3.1	0.000886	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	-24.5	-0.007000	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	-26	-0.007429	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-30	-14.7	-0.004055	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-20	28.7	0.007917	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-10	-5.9	-0.001628	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	0	12.6	0.003476	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	10	12.7	0.003503	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	20	11.2	0.003090	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	30	0.1	0.000028	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	40	-29	-0.008000	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	50	-7.8	-0.002152	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-30	-24.1	-0.006531	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-20	21.5	0.005827	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-10	19	0.005149	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	0	19.4	0.005257	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	10	-13.1	-0.003550	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	20	13.5	0.003659	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	30	-4.7	-0.001274	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	40	-20.7	-0.005610	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	50	-14.6	-0.003957	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-30	9.1	0.002600	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-20	-1	-0.000286	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-10	20.7	0.005914	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	0	18	0.005143	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	10	0.5	0.000143	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	20	27.3	0.007800	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	30	13.8	0.003943	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	40	6.6	0.001886	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	50	5.6	0.001600	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-30	-26.4	-0.007283	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-20	16.9	0.004662	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-10	1.7	0.000469	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	0	-21.7	-0.005986	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	10	8.5	0.002345	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	20	-27.5	-0.007586	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	30	16.8	0.004634	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	40	26.1	0.007200	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	50	7.1	0.001959	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-30	-14.3	-0.003875	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-20	11.7	0.003171	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-10	18.6	0.005041	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	0	-2.8	-0.000759	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	10	-6.8	-0.001843	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	20	-19.3	-0.005230	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	30	2.3	0.000623	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	40	-23.9	-0.006477	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	50	-10.5	-0.002846	±2.5	PASS

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 Avenue, North Area, Hi-Tech Industrial Park, Nanshan
 District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566
 Fax: +86 755 8869 6577
 Email: customerservice.sw@bureauveritas.com



Band48	20MHz	64QAM	55990	100RB#0	NV	-30	8.6	0.002457	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	-20	3	0.000857	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	-10	-2	-0.000571	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	0	-24.1	-0.006886	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	10	-11.8	-0.003371	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	20	27	0.007714	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	30	-13.5	-0.003857	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	40	-21.3	-0.006086	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	50	-19.7	-0.005629	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-30	5.1	0.001407	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-20	-13.3	-0.003669	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-10	-14.2	-0.003917	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	0	23.5	0.006483	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	10	5.2	0.001434	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	20	-24	-0.006621	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	30	-19.4	-0.005352	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	40	4.3	0.001186	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	50	-15.9	-0.004386	±2.5	PASS

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