



**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF06

3										
Band1 3	5MHz	64QAM	23230	25RB#0	VN	NT	43.64	0.055806	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	VH	NT	14.03	0.017941	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VL	NT	9.56	0.012186	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VN	NT	54.82	0.069879	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VH	NT	27.54	0.035105	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	10.96	0.014015	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	19.77	0.025281	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-9.98	-0.012762	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	-23.36	-0.029872	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	-23.25	-0.029731	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-25.33	-0.032391	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VL	NT	-4.46	-0.005703	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VN	NT	-3.30	-0.004220	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VH	NT	-4.84	-0.006189	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-30	-28.82	-0.036972	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	-40.43	-0.051867	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	-51.67	-0.066286	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	-4.95	-0.006350	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	-15.46	-0.019833	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	30	-19.45	-0.024952	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	40	-29.73	-0.038140	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	50	-40.30	-0.051700	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	-24.22	-0.030972	±2.5	PASS
Band1	5MHz	QPSK	23230	25RB#0	NV	-20	-32.46	-0.041509	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF06

3										
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	-36.55	-0.046739	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	-41.71	-0.053338	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	-48.64	-0.062199	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	30	-2.25	-0.002877	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	40	-5.64	-0.007212	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	50	-8.96	-0.011458	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	-15.06	-0.019197	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	-20.54	-0.026182	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	0	-29.31	-0.037361	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	-35.86	-0.045711	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	-37.02	-0.047189	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	30	-38.02	-0.048464	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	40	-46.38	-0.059120	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	50	-51.77	-0.065991	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	3.53	0.004529	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	1.69	0.002168	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	-2.52	-0.003233	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	-3.58	-0.004593	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	-3.39	-0.004349	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	30	-8.48	-0.010879	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	40	-11.84	-0.015189	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	50	-16.92	-0.021706	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	3.05	0.003900	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	8.94	0.011432	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	16.94	0.021662	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	21.89	0.027992	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF06

Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	27.28	0.034885	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	30	28.47	0.036407	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	40	34.33	0.043900	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	50	37.51	0.047967	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	19.08	0.024321	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	23.92	0.030491	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	30.28	0.038598	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	33.50	0.042702	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	35.31	0.045010	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	30	40.81	0.052020	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	40	46.69	0.059516	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	50	50.30	0.064117	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	-30	-2.57	-0.003297	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	-20	10.56	0.013547	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	0	15.95	0.020462	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	10	20.71	0.026568	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	20	23.25	0.029827	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	30	25.65	0.032906	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	40	27.75	0.035600	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	50	28.82	0.036972	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	-30	29.08	0.037187	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	-20	37.35	0.047762	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	0	49.65	0.063491	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	10	-3.65	-0.004668	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	20	9.04	0.011560	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	30	16.95	0.021675	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	40	25.08	0.032072	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF06

3										
Band1 3	5MHz	64QAM	23230	25RB#0	NV	50	35.20	0.045013	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	-30	40.13	0.051154	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	-20	50.88	0.064857	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	0	4.71	0.006004	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	10	15.23	0.019414	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	20	21.72	0.027686	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	30	28.60	0.036456	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	40	36.18	0.046119	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	50	44.86	0.057183	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-27.52	-0.035192	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-41.10	-0.052558	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-3.88	-0.004962	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-16.09	-0.020575	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-25.55	-0.032673	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	30	-38.32	-0.049003	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	40	-49.92	-0.063836	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	50	-10.33	-0.013210	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	-26.01	-0.033261	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	-28.32	-0.036215	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	-30.31	-0.038760	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-34.25	-0.043798	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	-37.35	-0.047762	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	30	-39.65	-0.050703	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	40	-45.45	-0.058120	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	50	-50.97	-0.065179	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	-30	-3.96	-0.005064	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF06

Band1 3	10MHz	64QAM	23230	50RB#0	NV	-20	2.40	0.003069	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	0	2.06	0.002634	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	10	-3.12	-0.003990	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	20	3.40	0.004348	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	30	-1.54	-0.001969	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	40	-7.45	-0.009527	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	50	-6.28	-0.008031	±2.5	PASS

---END---