



**BUREAU
VERITAS**

Test Report No.: W7L-211220W001RF01

Band5	5MHz	QPSK	20525	25RB#0	VL	NT	3.88	0.004638	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	3.76	0.004495	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	6.62	0.007914	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-1.46	-0.001725	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	2.89	0.003414	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	7.02	0.008293	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-1.52	-0.001839	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	7.01	0.008482	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-2.37	-0.002868	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	4.28	0.005117	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	4.35	0.005200	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	2.23	0.002666	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-1.30	-0.001536	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-3.29	-0.003887	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-3.45	-0.004076	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-3.86	-0.004656	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	6.25	0.007539	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	6.17	0.007443	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	6.18	0.007388	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	4.26	0.005093	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.65	0.003168	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-1.54	-0.001825	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	2.00	0.002370	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	3.75	0.004443	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-4.28	-0.005163	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	1.83	0.002207	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-4.95	-0.005971	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-5.75	-0.006874	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-6.22	-0.007436	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-4.12	-0.004925	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-3.83	-0.004538	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.59	-0.003069	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-1.89	-0.002239	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	8.08	0.009798	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	3.12	0.003783	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	4.02	0.004874	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-3.93	-0.004765	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-5.09	-0.006172	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	3.96	0.004734	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	2.62	0.003132	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-2.22	-0.002654	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-2.09	-0.002499	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	2.12	0.002534	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-7.48	-0.008818	±2.5	PASS



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Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-4.39	-0.005175	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-1.69	-0.001992	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-2.46	-0.002900	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-4.65	-0.005482	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	1.30	0.001576	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	3.25	0.003941	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-1.85	-0.002243	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-1.85	-0.002243	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	4.33	0.005250	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	5.51	0.006587	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	4.33	0.005176	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-4.63	-0.005535	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-3.16	-0.003778	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-3.39	-0.004053	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	4.71	0.005552	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-2.65	-0.003124	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-3.42	-0.004032	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	4.49	0.005293	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-2.72	-0.003206	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-2.00	-0.002423	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-5.91	-0.007159	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	2.78	0.003368	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-2.60	-0.003150	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	4.15	0.005027	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	5.31	0.006348	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-3.03	-0.003622	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	3.59	0.004292	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-3.00	-0.003586	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-4.98	-0.005953	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	1.97	0.002324	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	2.29	0.002702	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	6.27	0.007398	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	1.26	0.001487	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-4.62	-0.005451	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	4.29	0.005197	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-5.79	-0.007014	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-2.20	-0.002665	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-6.79	-0.008225	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	6.91	0.008371	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	2.42	0.002893	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	3.50	0.004184	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	2.39	0.002857	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-1.16	-0.001387	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	6.92	0.008273	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	7.21	0.008507	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	2.43	0.002867	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	6.71	0.007917	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	1.00	0.001180	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	5.69	0.006714	±2.5	PASS



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Band5	5MHz	QPSK	20425	25RB#0	NV	-30	6.39	0.007731	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-2.26	-0.002734	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	3.81	0.004610	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.50	-0.004235	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	2.63	0.003182	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-2.29	-0.002738	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	4.32	0.005164	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	0.86	0.001028	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	8.54	0.010209	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	8.90	0.010640	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	2.83	0.003343	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	7.42	0.008766	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	3.25	0.003839	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	5.34	0.006308	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	3.36	0.003969	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	1.44	0.001742	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-3.59	-0.004344	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	0.74	0.000895	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	4.12	0.004985	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	3.19	0.003860	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	4.15	0.004961	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	4.03	0.004818	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-3.35	-0.004005	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	4.15	0.004961	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	3.63	0.004340	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	4.21	0.004973	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-1.40	-0.001654	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-2.92	-0.003449	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	2.39	0.002823	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-3.76	-0.004442	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	5.64	0.006803	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	5.44	0.006562	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	2.89	0.003486	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	1.34	0.001616	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	1.76	0.002123	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	2.16	0.002582	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	3.43	0.004100	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	3.72	0.004447	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.95	-0.003527	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-5.52	-0.006599	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	1.36	0.001611	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-1.83	-0.002168	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	2.00	0.002370	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	4.48	0.005308	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	1.40	0.001659	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	4.28	0.005163	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-2.29	-0.002762	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-3.32	-0.004005	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	5.25	0.006333	±2.5	PASS



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Band5	10MHz	16QAM	20450	50RB#0	NV	20	6.14	0.007407	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	4.48	0.005356	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	5.59	0.006683	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-5.99	-0.007161	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	2.83	0.003383	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-3.40	-0.004065	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-0.94	-0.001114	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	6.48	0.007678	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	4.99	0.005912	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-3.78	-0.004479	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	5.16	0.006114	±2.5	PASS

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