



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-40.55	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-34.81	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-40.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.2	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-40.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-34.3	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-41.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.81	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.17	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-41.3	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-34.39	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-41.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-34.23	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-42.1	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.79	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-41.11	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-33.4	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-41.63	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-34.36	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.83	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.01	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-42.1	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-34.71	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-41.2	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-34.96	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-41.68	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.18	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-41.64	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-34.21	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-41.88	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-34.19	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.52	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.27	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-34.32	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-40.29	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-34.06	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-41.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.08	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-41.67	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-34.17	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-40.43	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-34.2	PASS

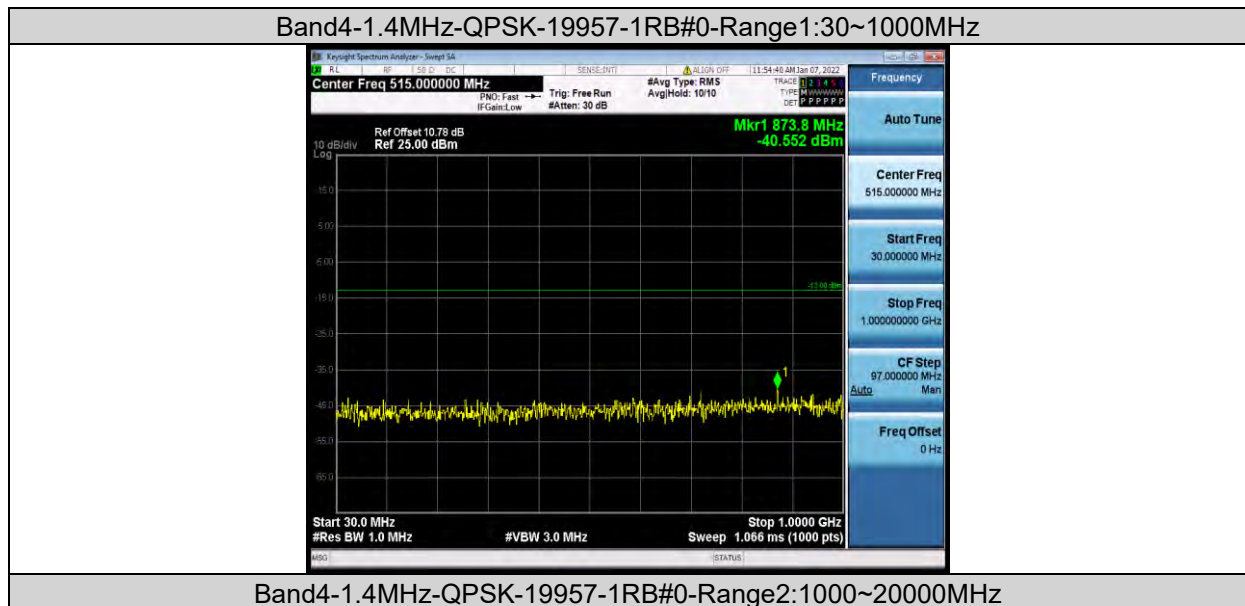


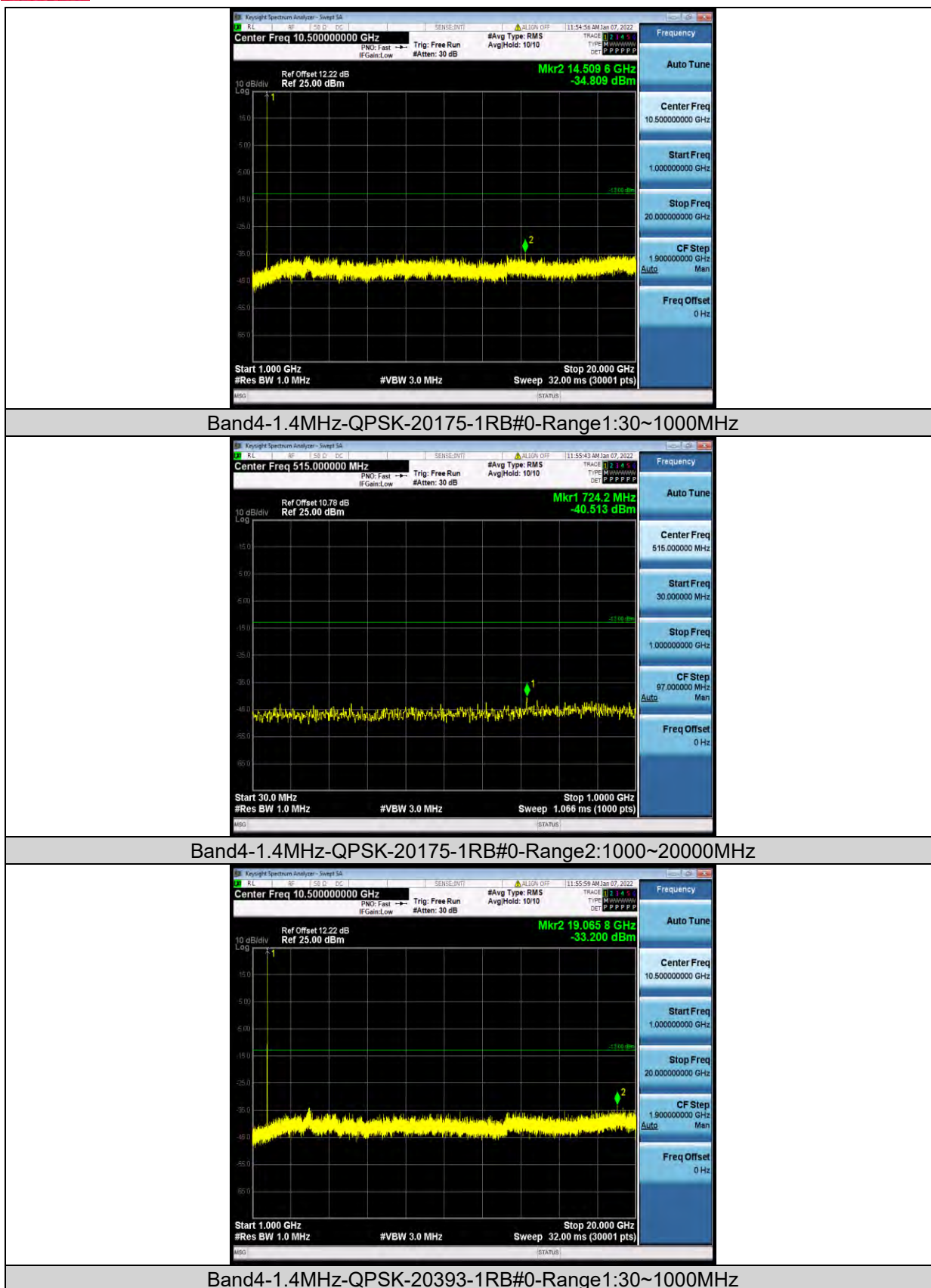
BUREAU
VERITAS

Test Report No.: W7L-P22010007RF04

Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.46	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.95	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-42.42	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-33.9	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-41.09	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-34.47	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-42.17	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.66	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-41.73	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-33.67	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-41.53	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-34.54	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-41.36	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.28	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-40.83	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-34.56	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-40.66	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-33.8	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-40.33	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.63	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-41.71	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-33.89	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-41.95	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-33.91	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.07	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.94	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-40.68	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-34.76	PASS

Test Graphs

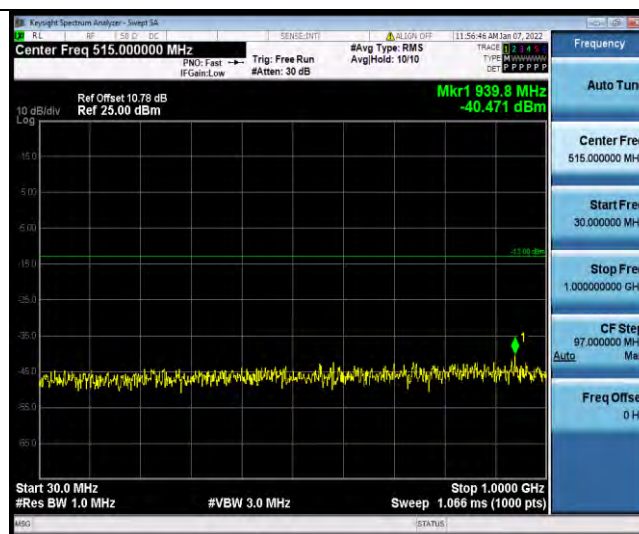




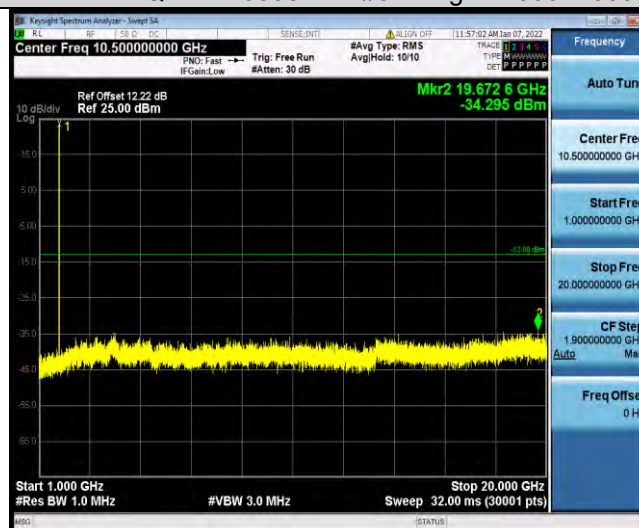


BUREAU
VERITAS

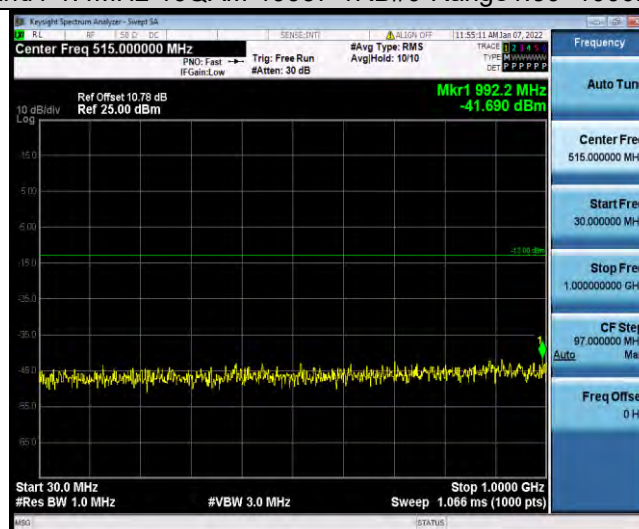
Test Report No.: W7L-P22010007RF04



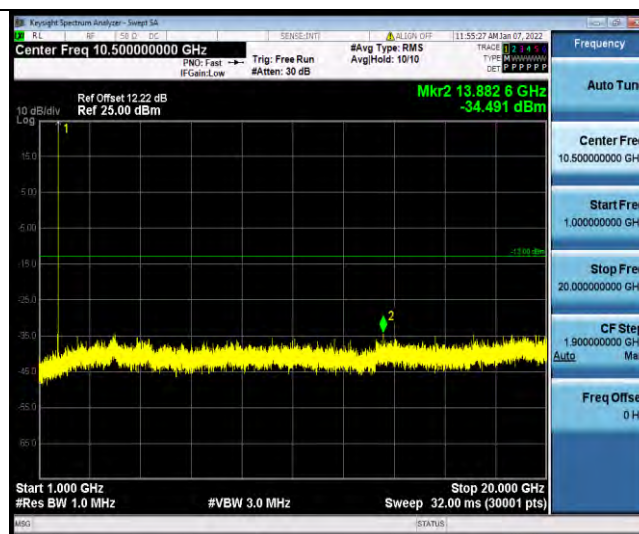
Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz



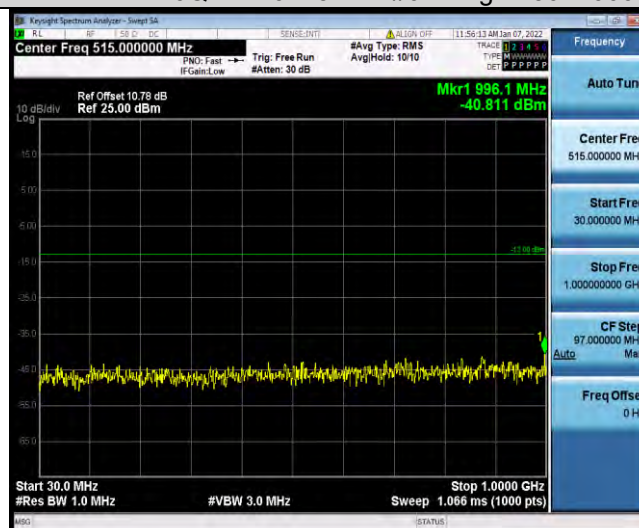
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



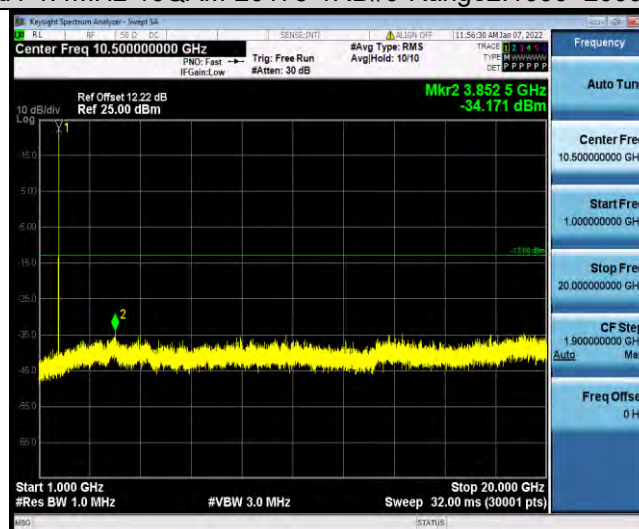
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz



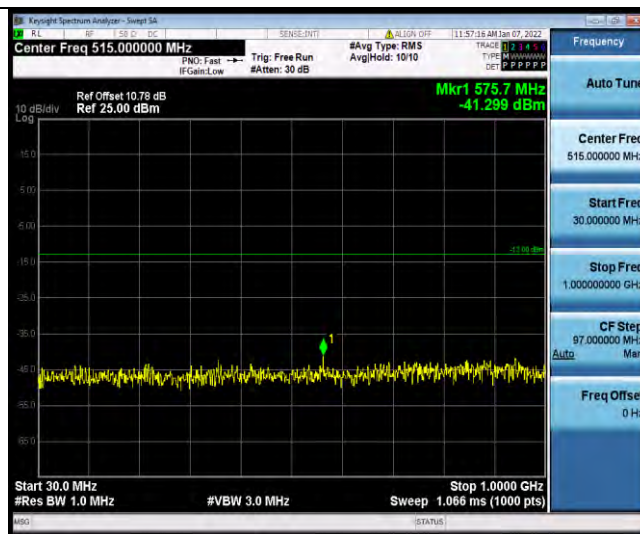
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



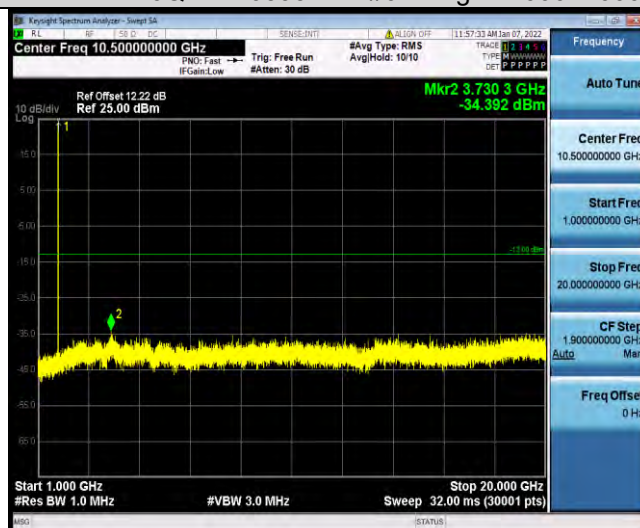
Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



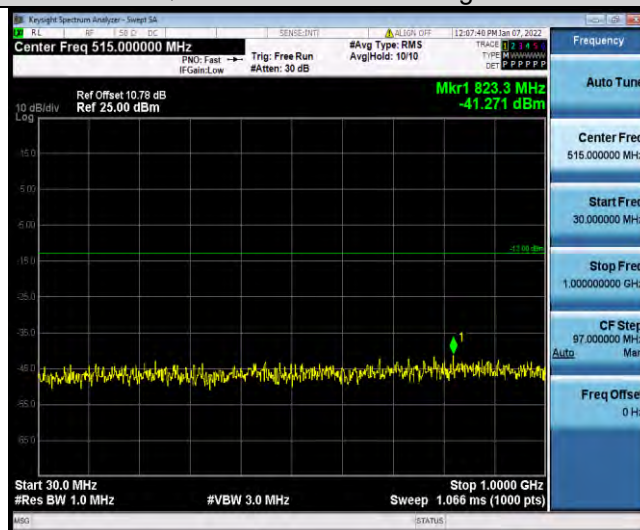
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



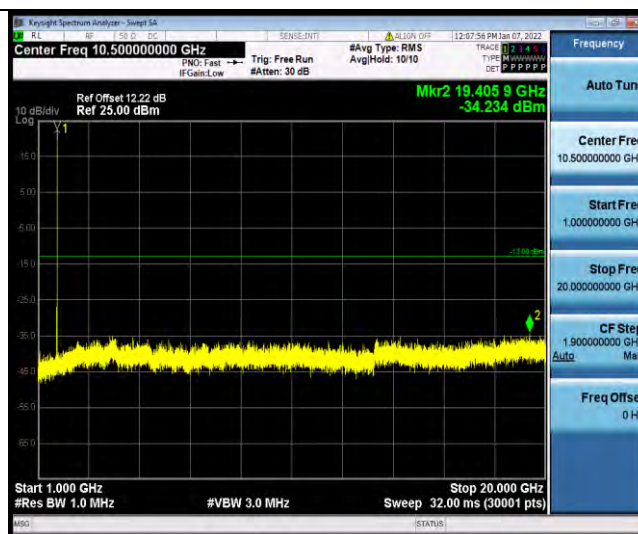
Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz



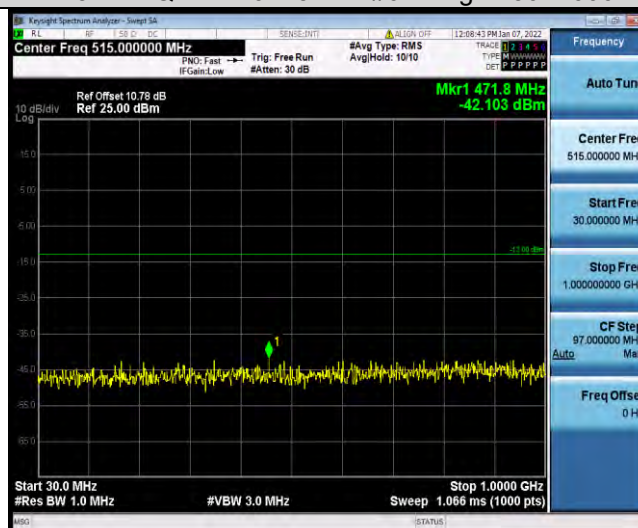
Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



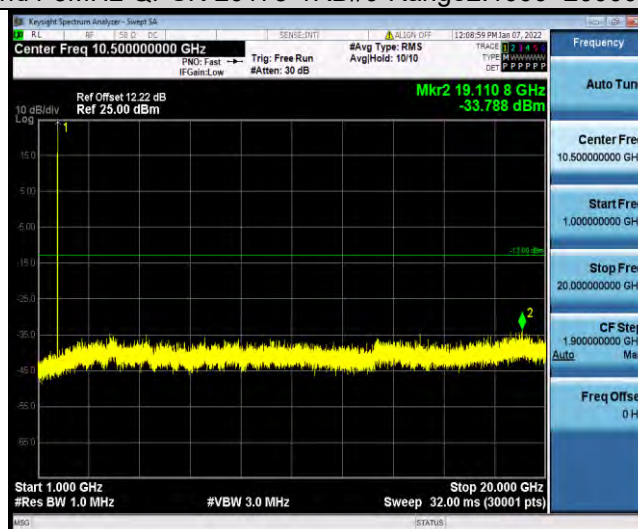
Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~20000MHz



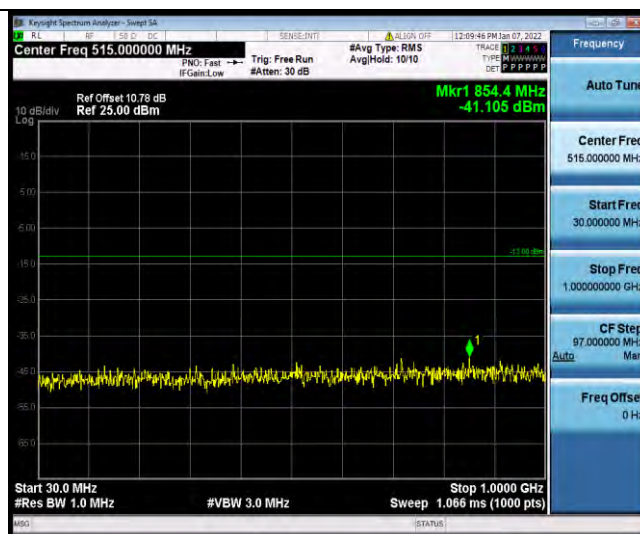
Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



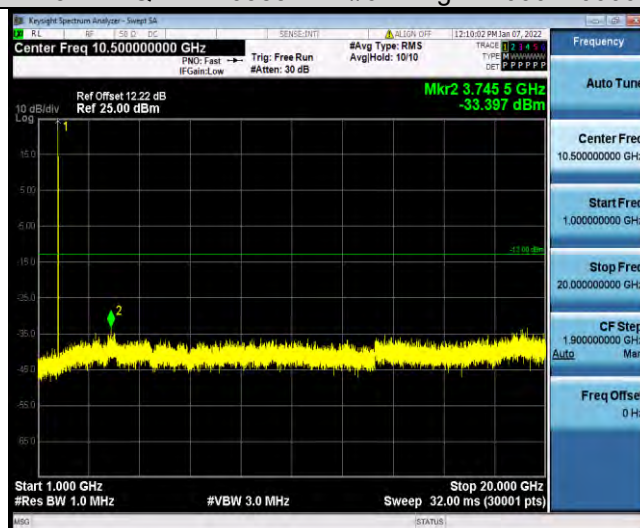
Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



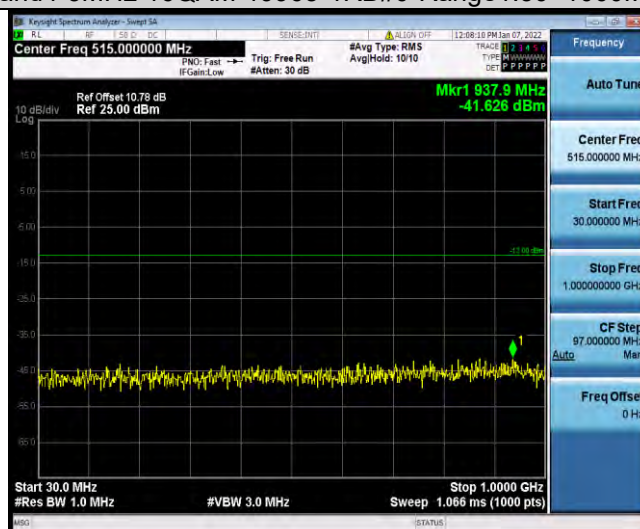
Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



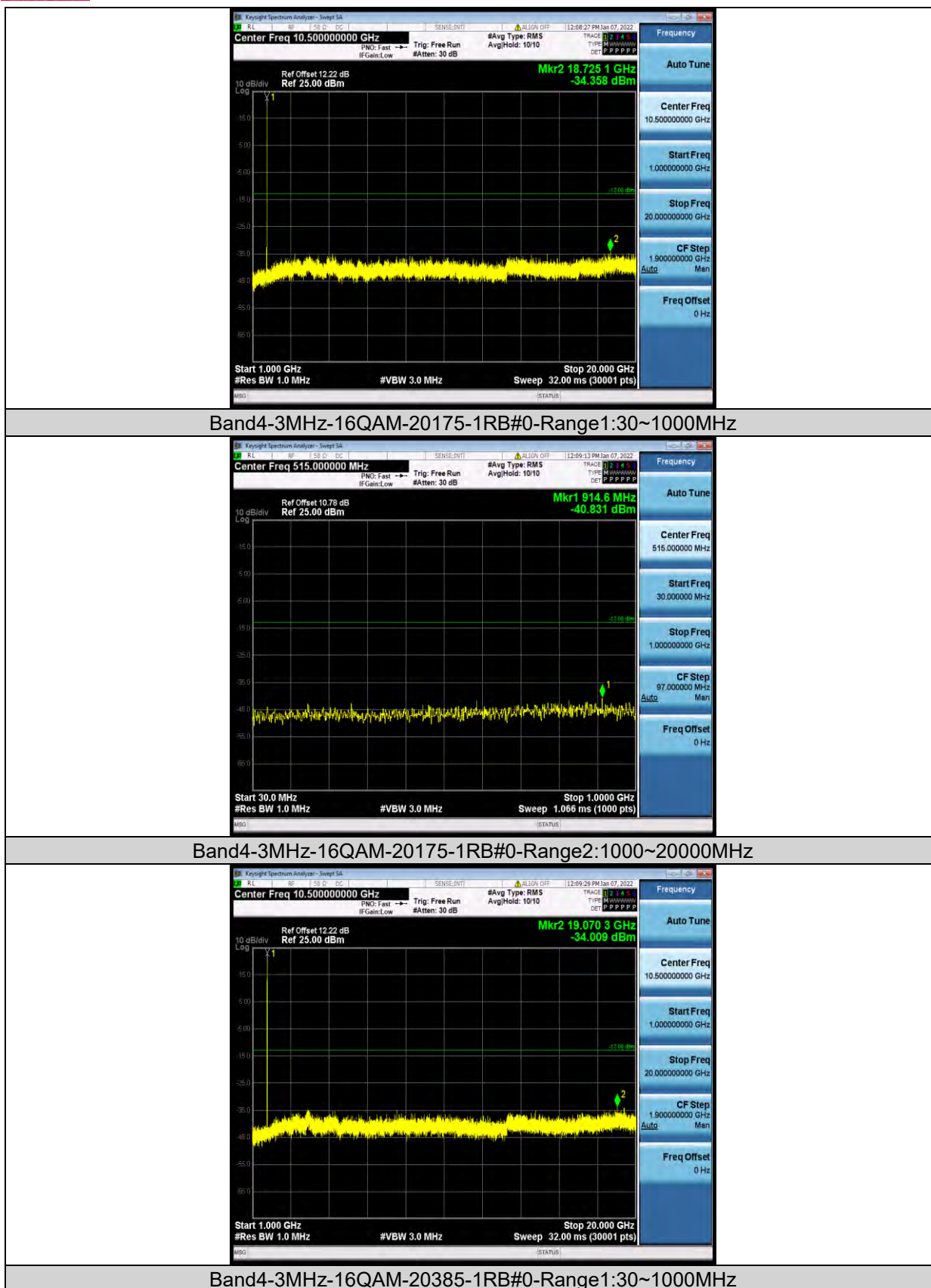
Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~20000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



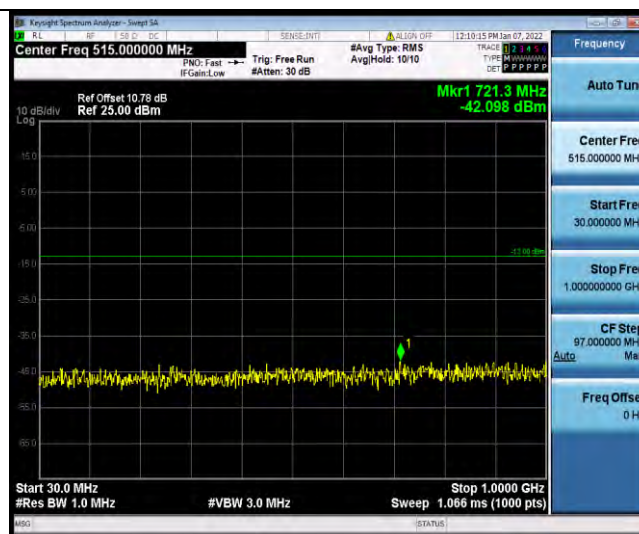
Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~20000MHz



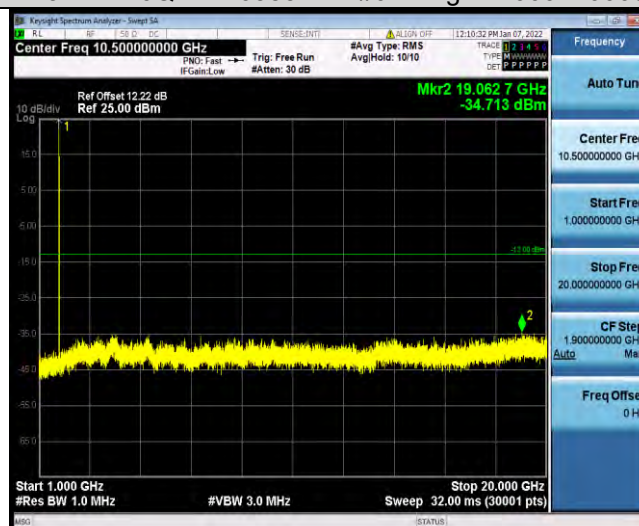


BUREAU
VERITAS

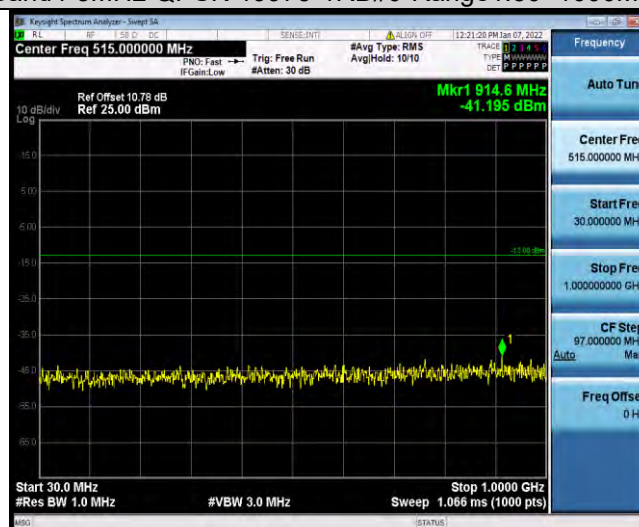
Test Report No.: W7L-P22010007RF04



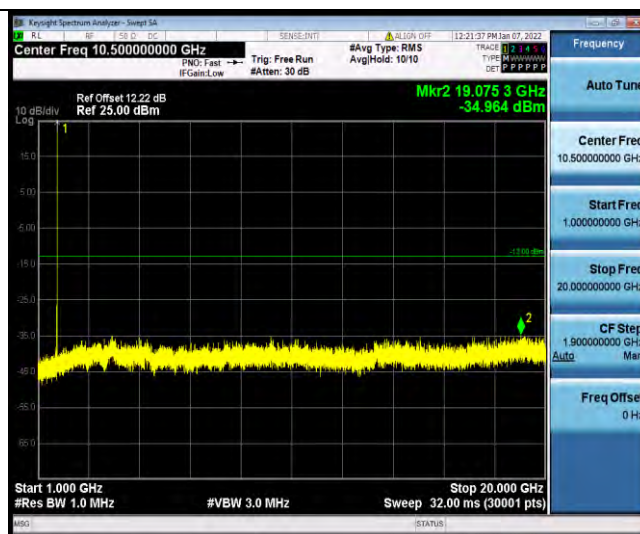
Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~20000MHz



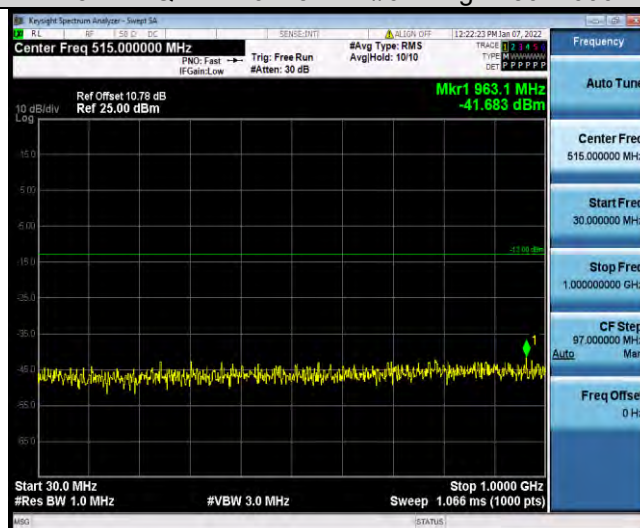
Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



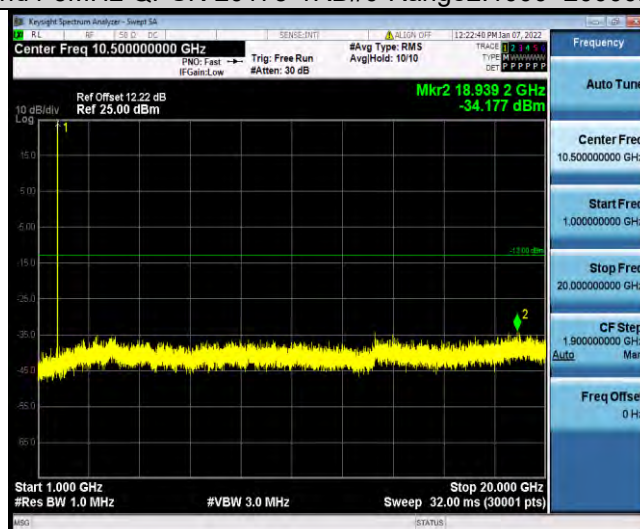
Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

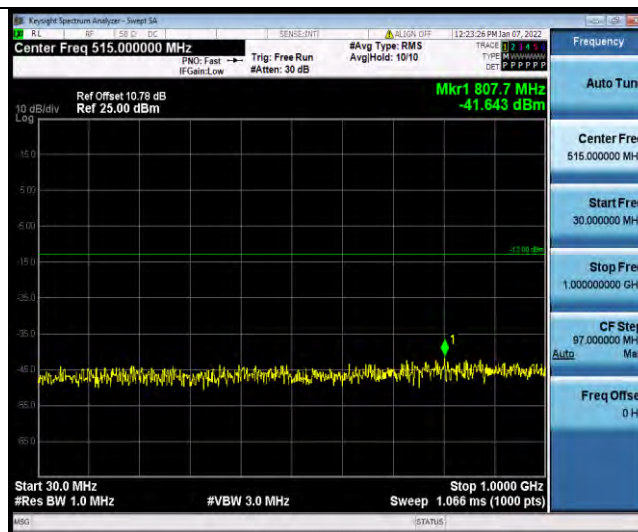


Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz

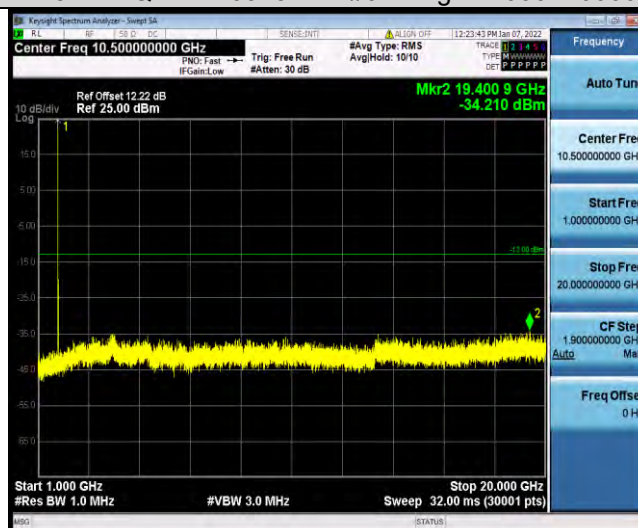


BUREAU
VERITAS

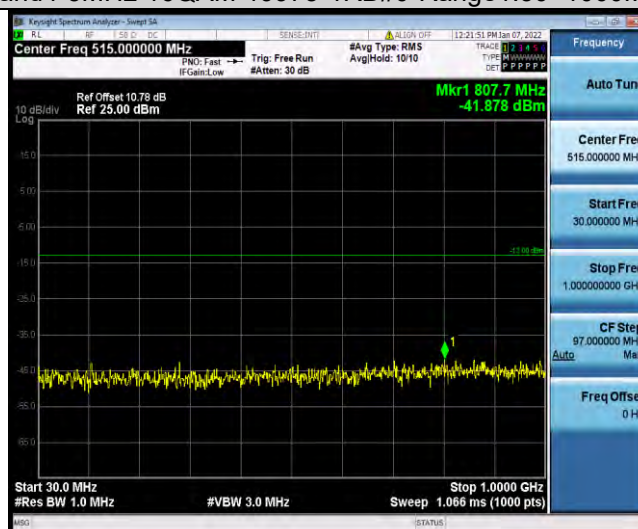
Test Report No.: W7L-P22010007RF04



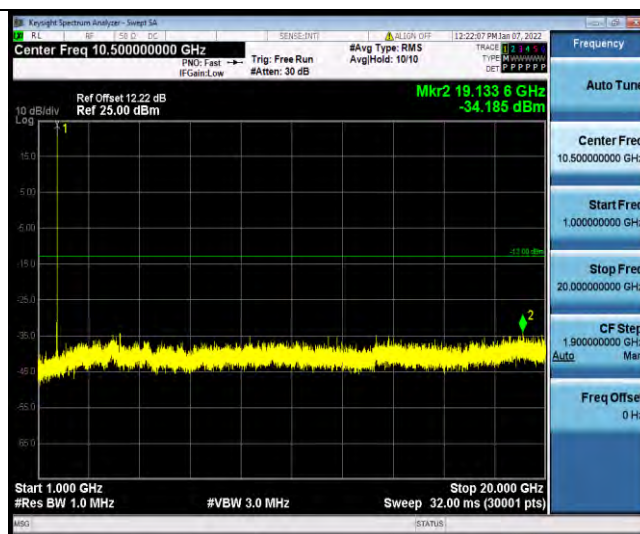
Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~20000MHz



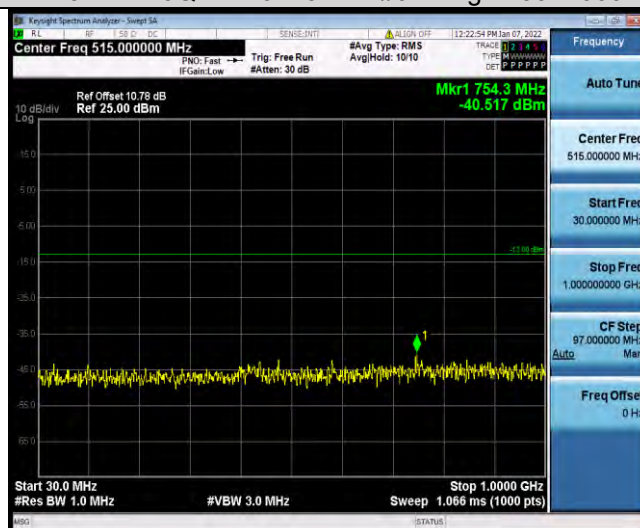
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



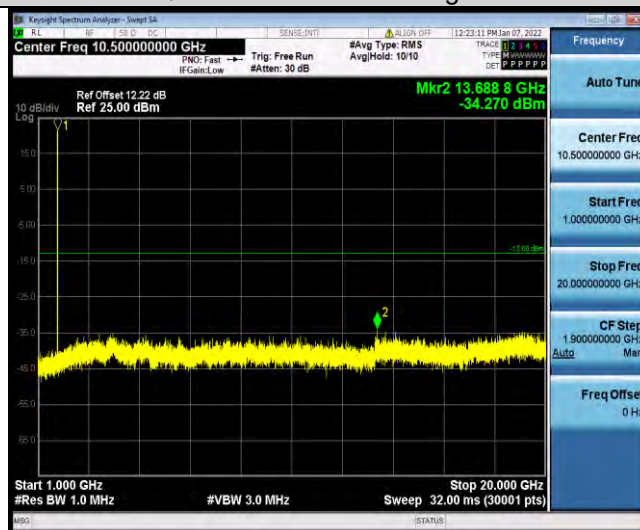
Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



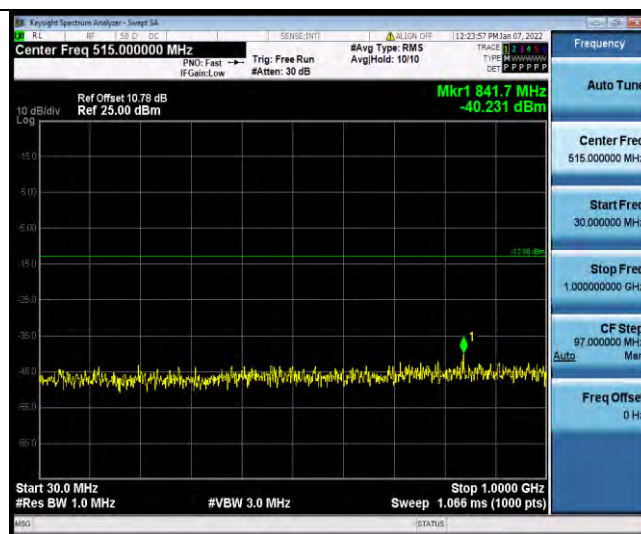
Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



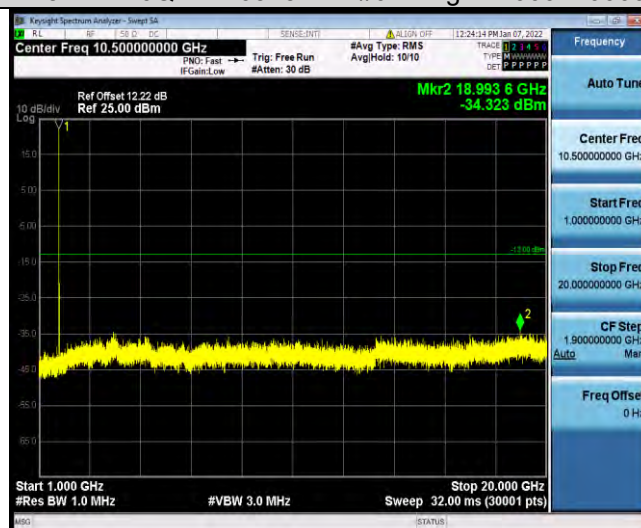
Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



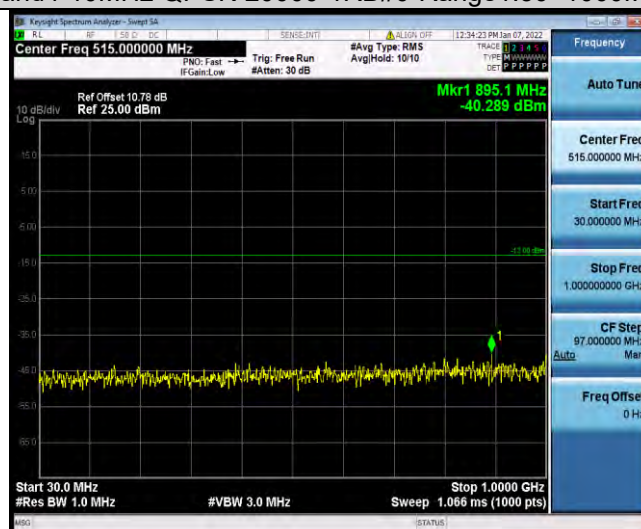
Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~20000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz

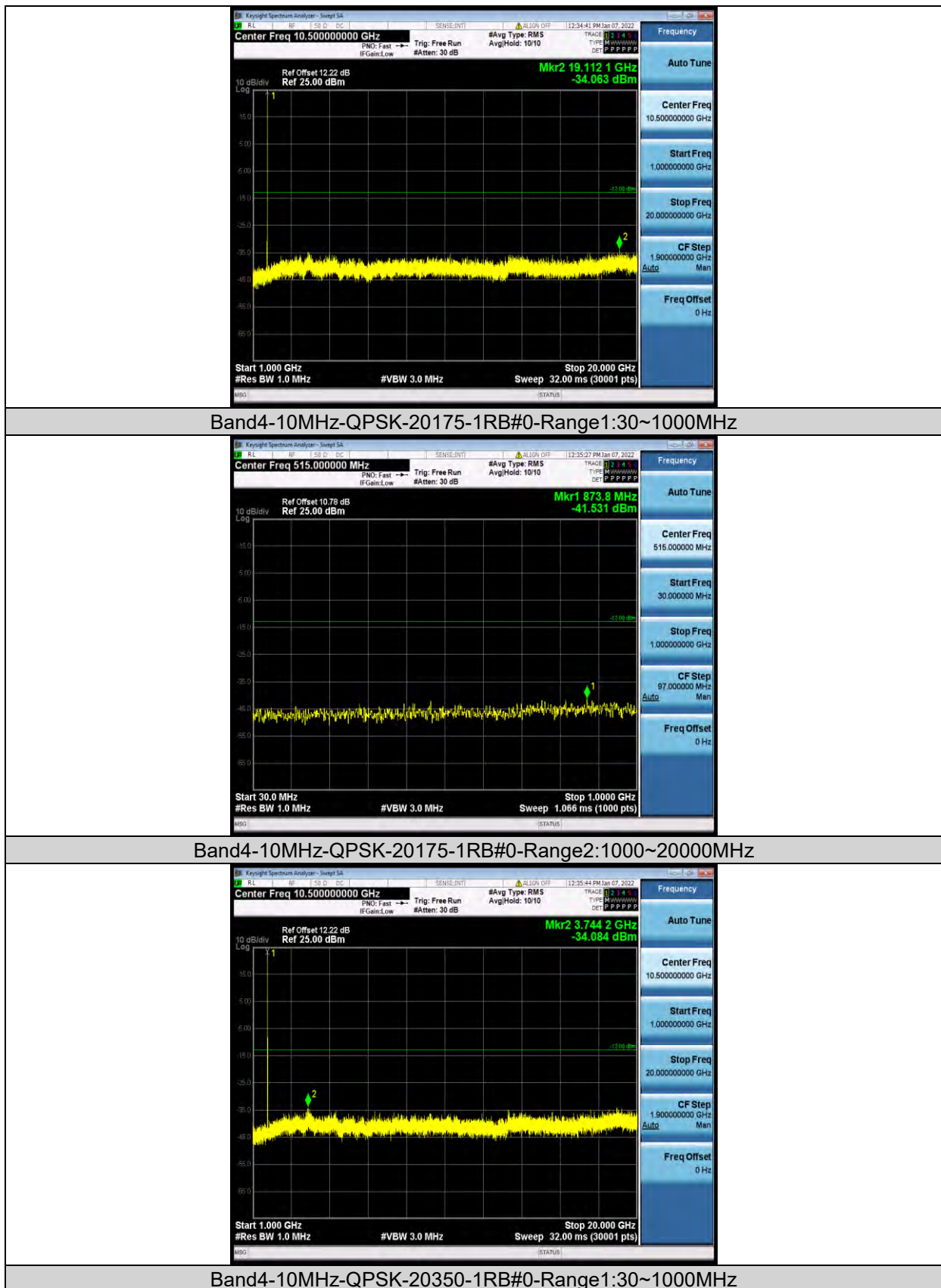


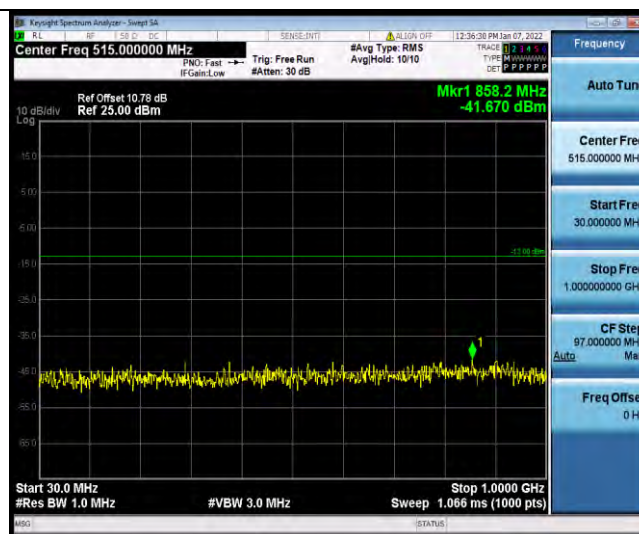
Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~20000MHz



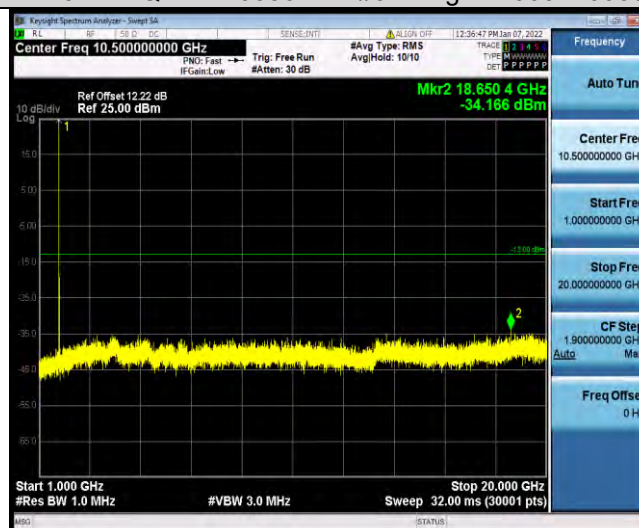
BUREAU
VERITAS

Test Report No.: W7L-P22010007RF04

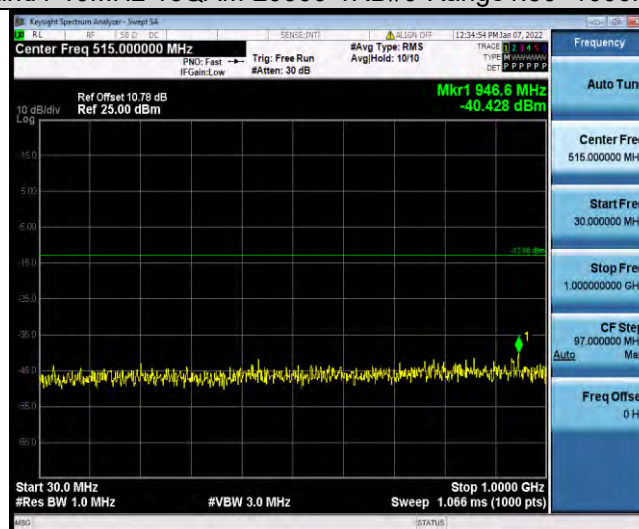




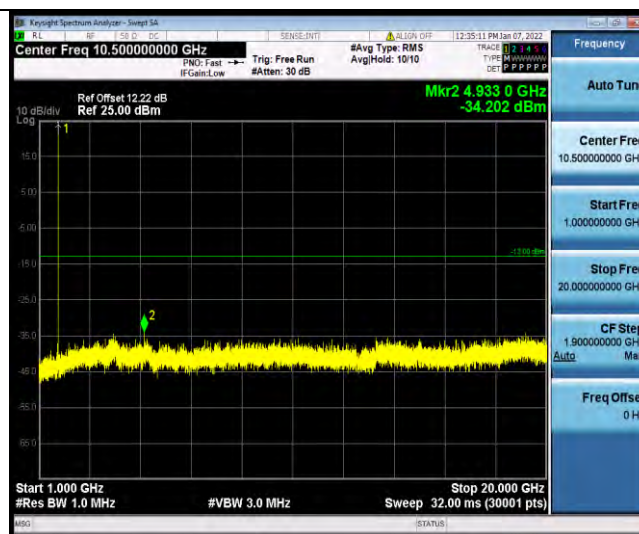
Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~20000MHz



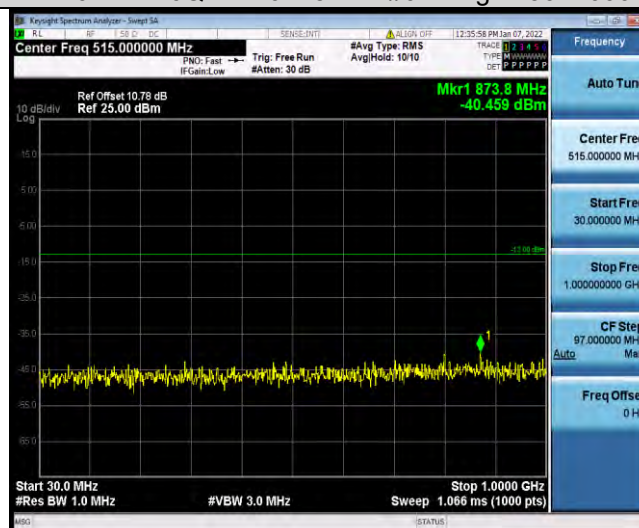
Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



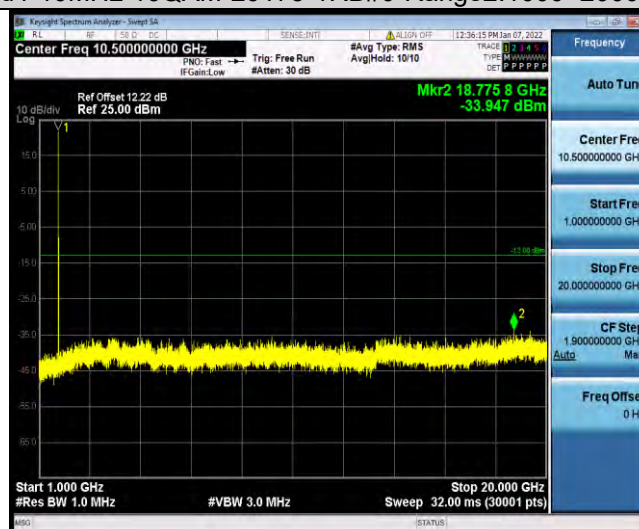
Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

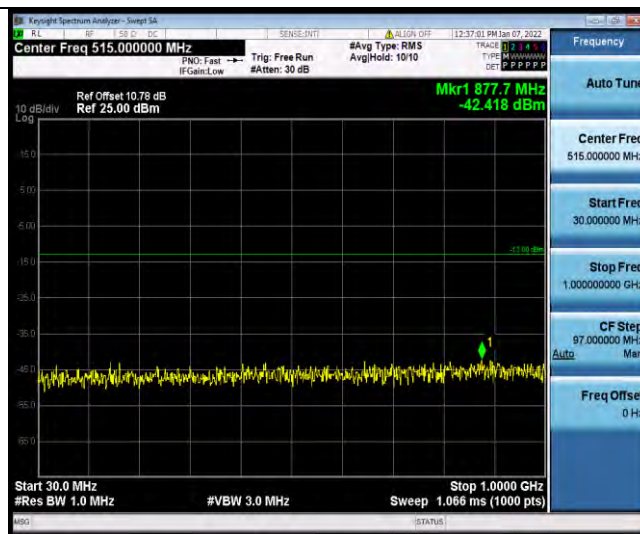


Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz

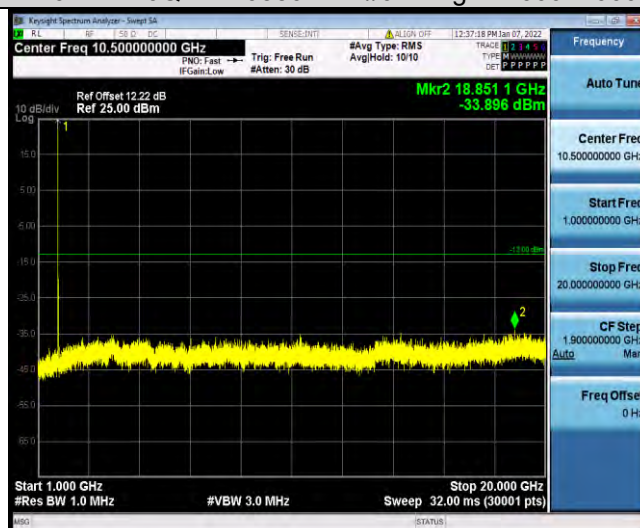


BUREAU
VERITAS

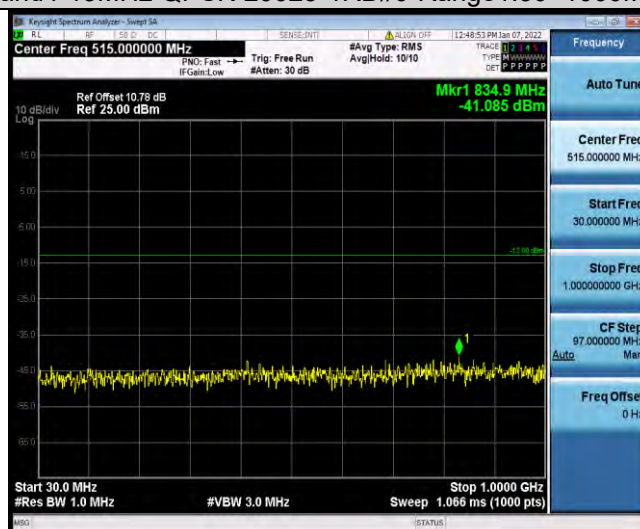
Test Report No.: W7L-P22010007RF04



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~20000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz

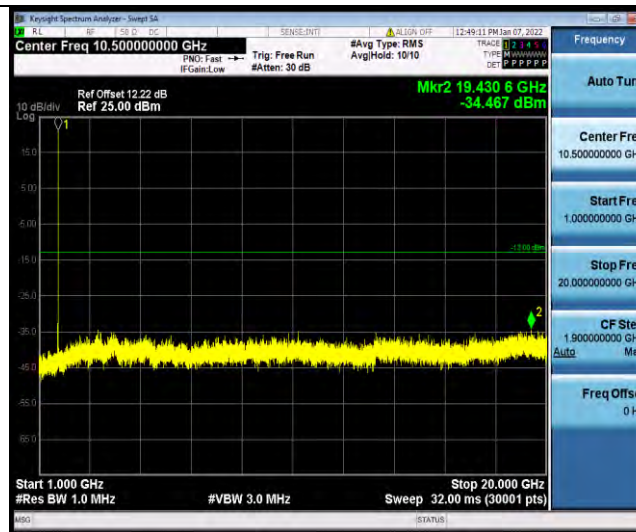


Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz

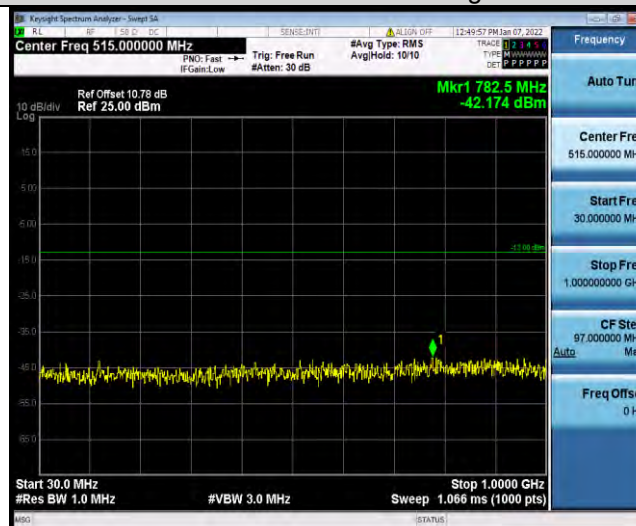


BUREAU
VERITAS

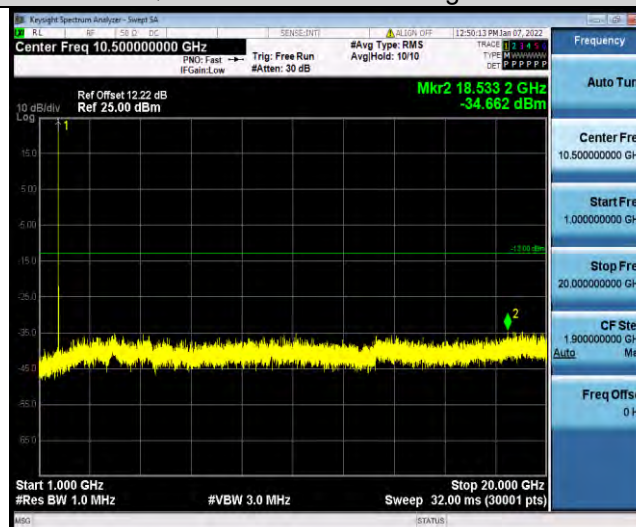
Test Report No.: W7L-P22010007RF04



Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

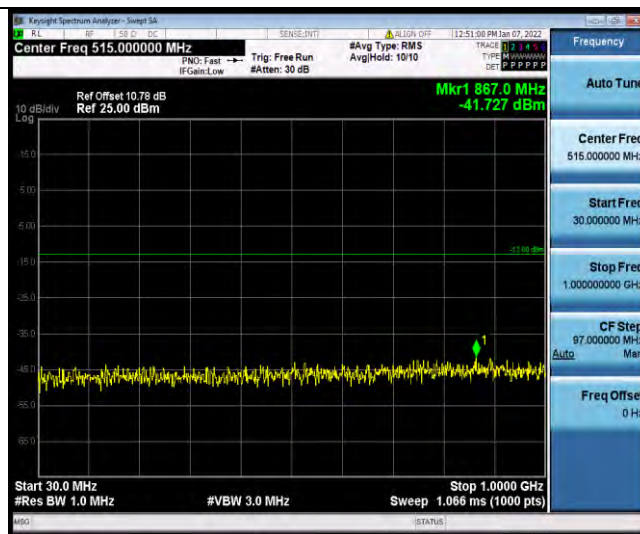


Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz

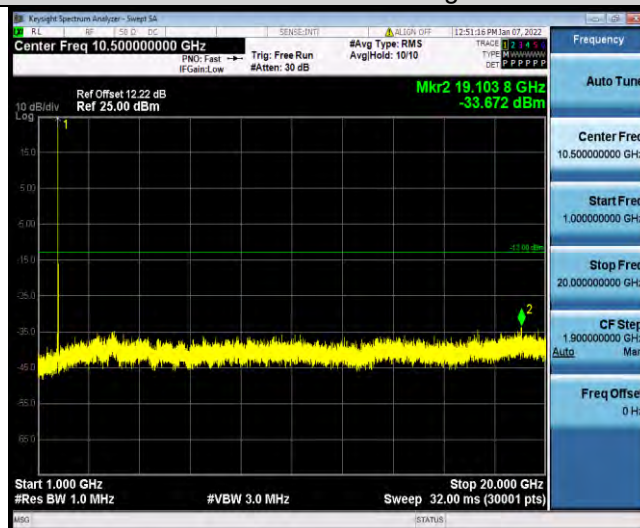


BUREAU
VERITAS

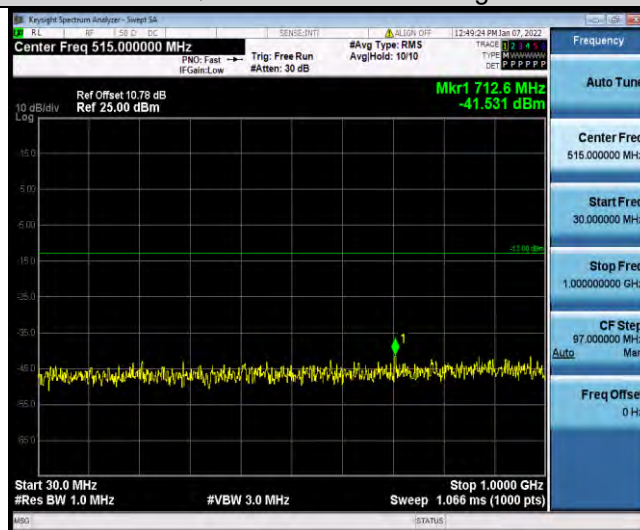
Test Report No.: W7L-P22010007RF04



Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz

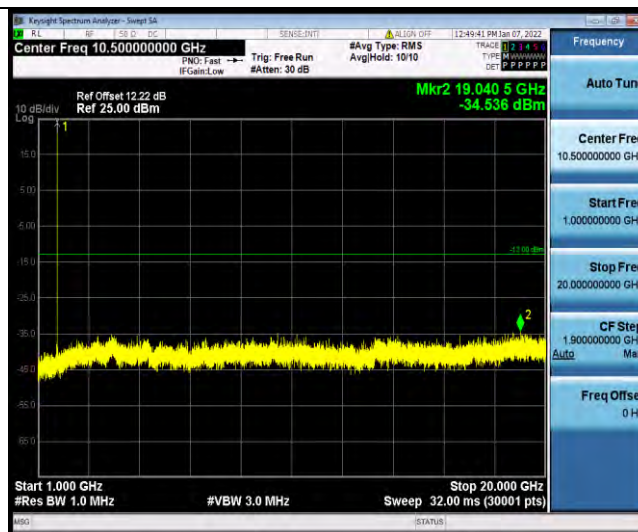


Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz

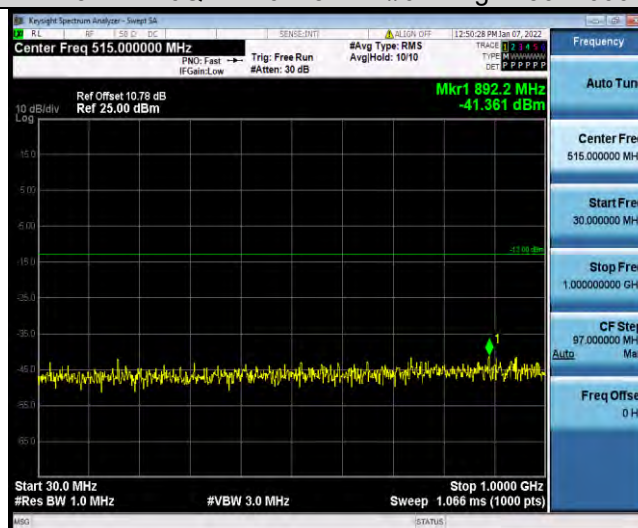


BUREAU
VERITAS

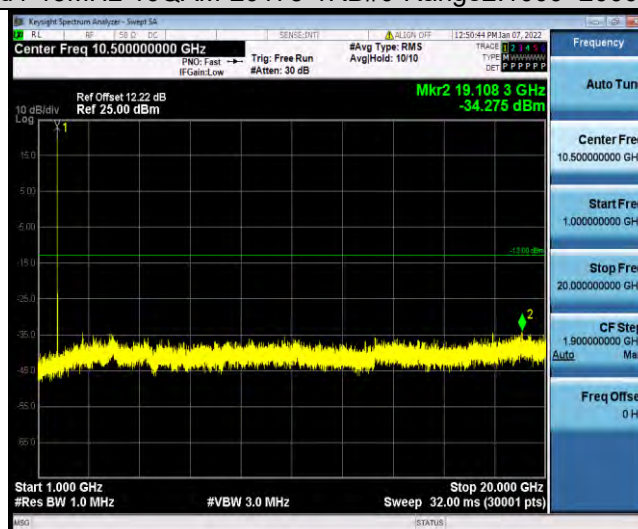
Test Report No.: W7L-P22010007RF04



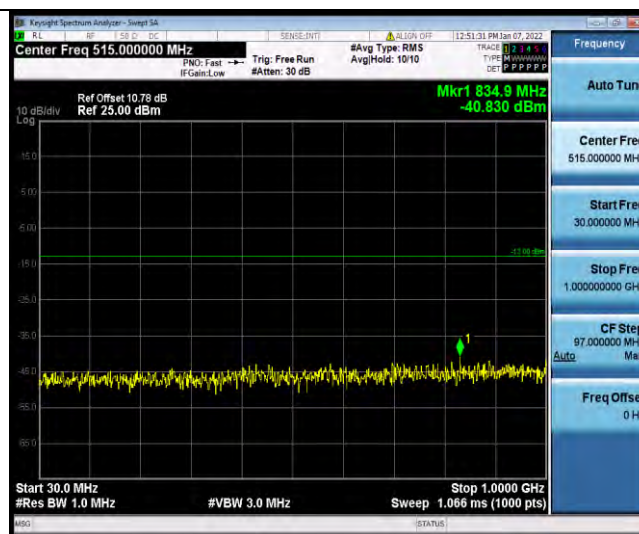
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



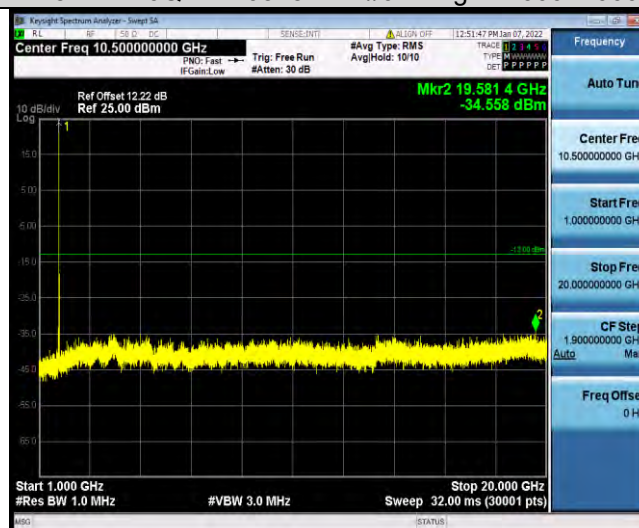
Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



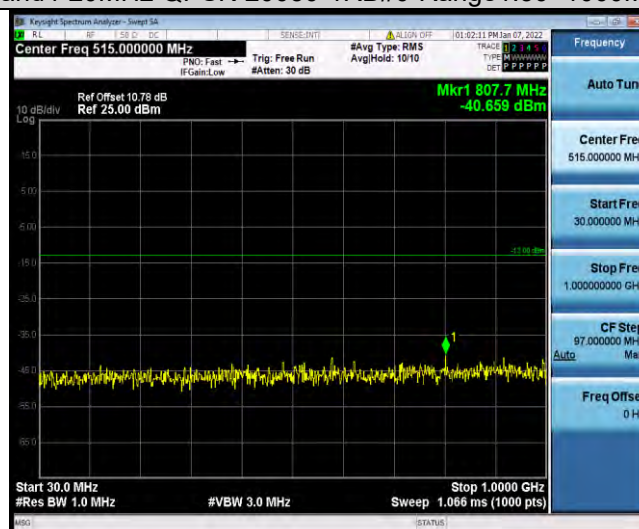
Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz

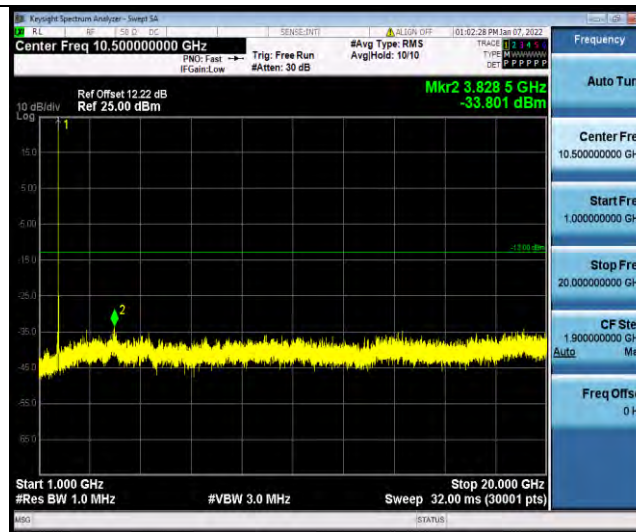


Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz

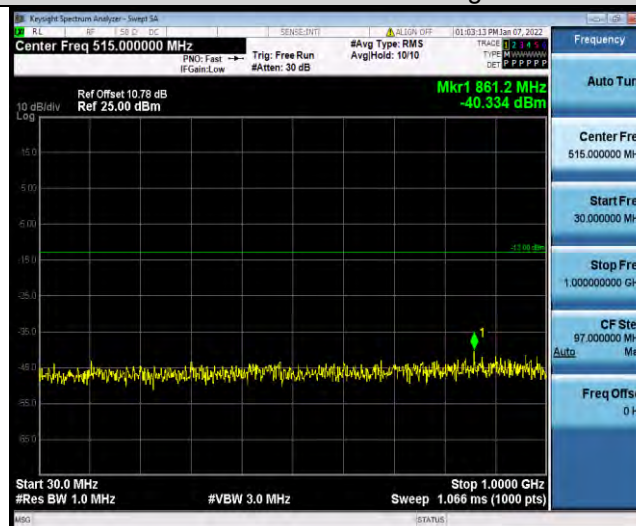


BUREAU
VERITAS

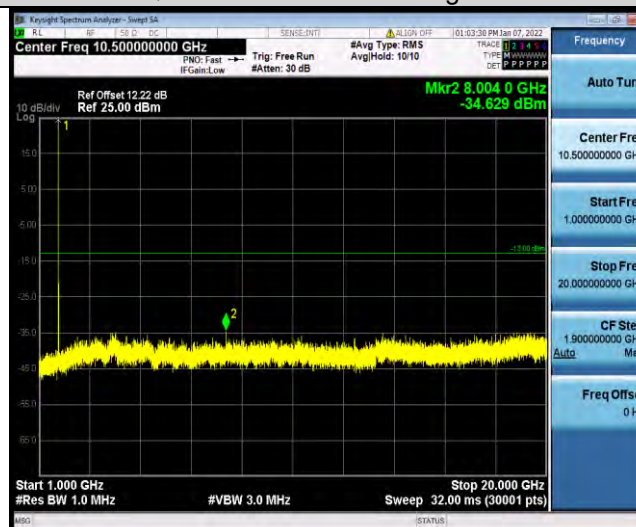
Test Report No.: W7L-P22010007RF04



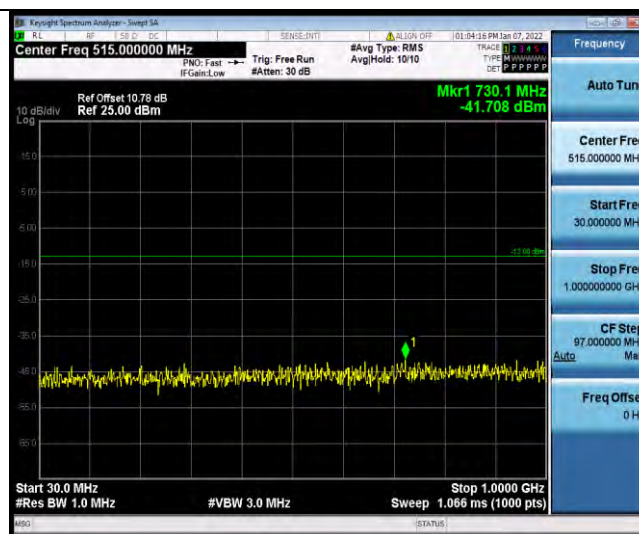
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



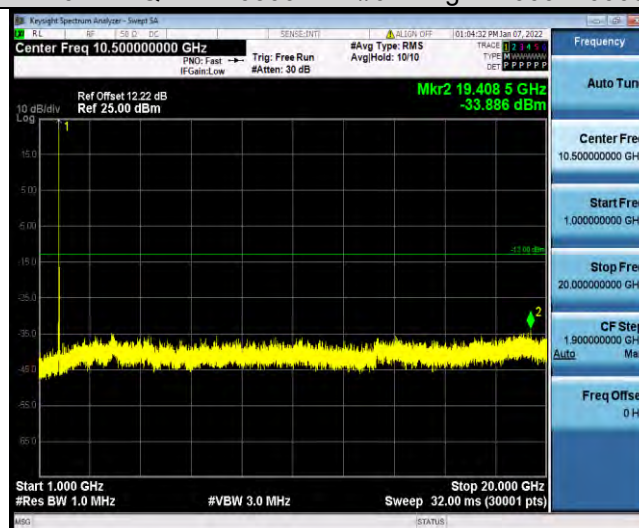
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



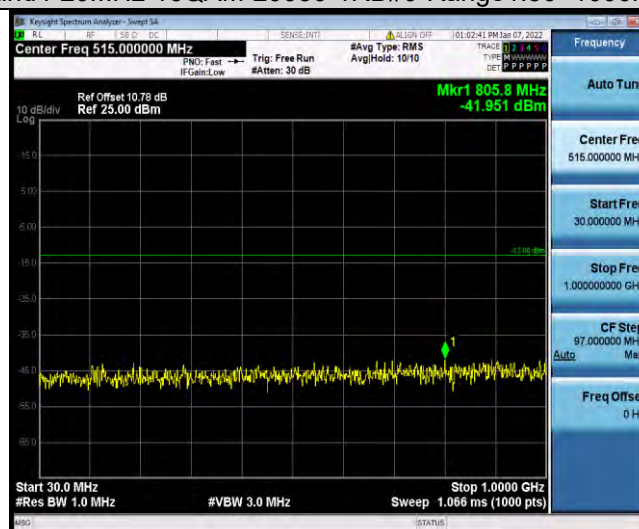
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



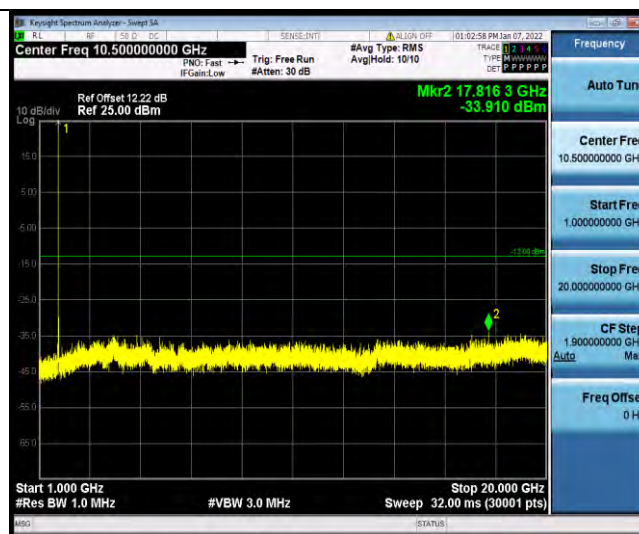
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



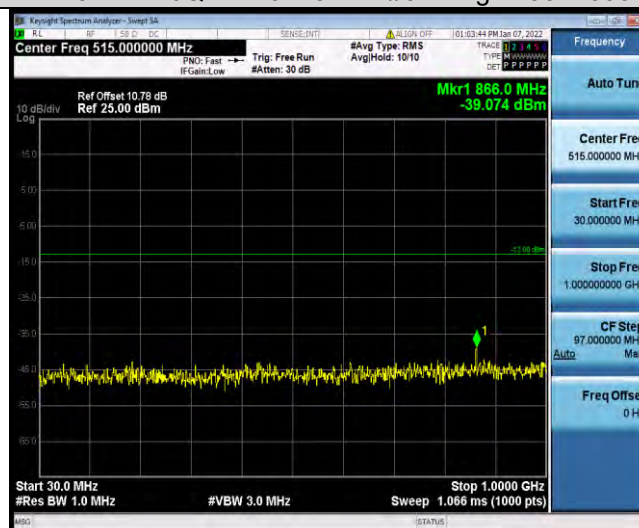
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



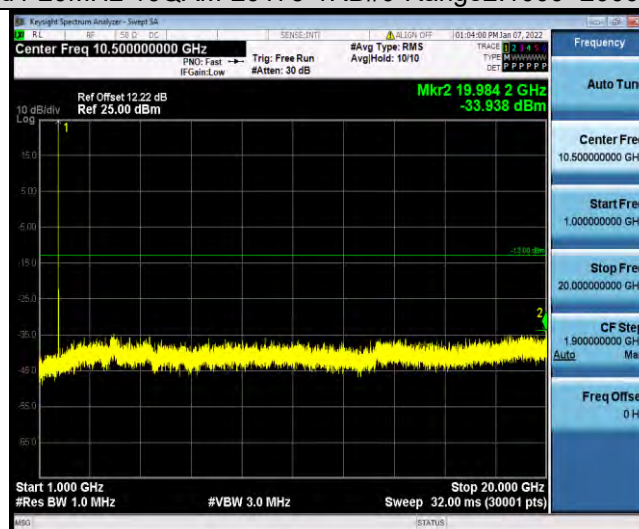
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

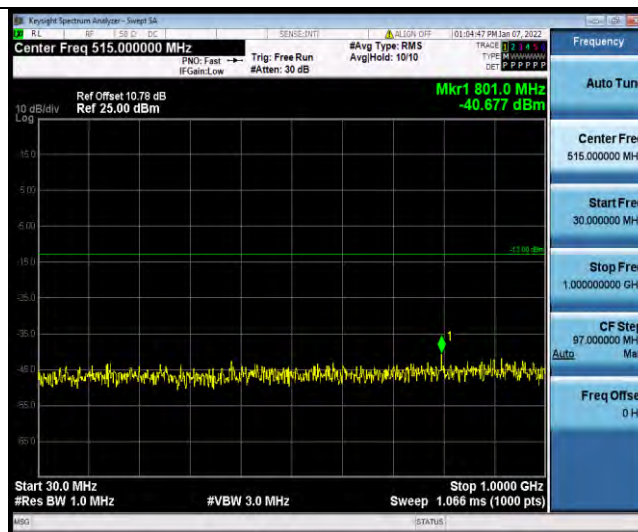


Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz

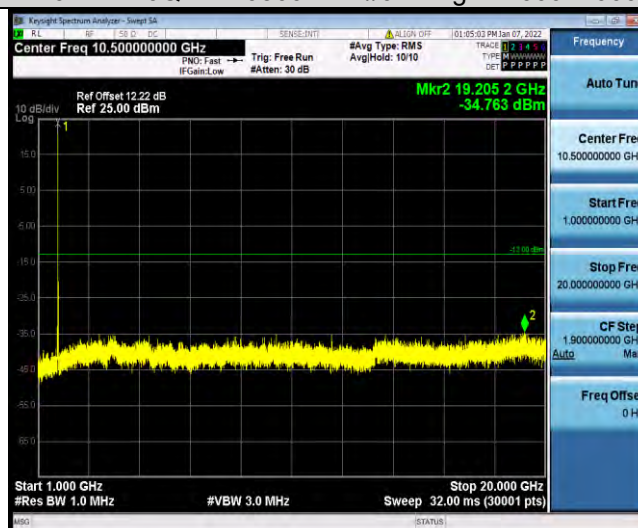


BUREAU
VERITAS

Test Report No.: W7L-P22010007RF04



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-3.63	-0.002122	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	4.63	0.002706	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-3.15	-0.001841	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	3.03	0.001749	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-3.02	-0.001743	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-4.29	-0.002476	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-5.49	-0.003129	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-1.86	-0.001060	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-4.53	-0.002582	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	4.38	0.002560	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	4.39	0.002566	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	3.82	0.002233	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-5.24	-0.003025	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-5.32	-0.003071	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-4.36	-0.002517	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-9.43	-0.005375	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-12.32	-0.007023	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-8.04	-0.004583	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-4.08	-0.002384	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-4.12	-0.002407	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	2.59	0.001513	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-6.09	-0.003515	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-4.79	-0.002765	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-6.45	-0.003723	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-2.98	-0.001699	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	1.49	0.000850	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-1.49	-0.000850	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-5.64	-0.003295	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-3.83	-0.002238	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	2.43	0.001420	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-6.98	-0.004029	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-7.30	-0.004214	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-5.54	-0.003198	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	2.10	0.001198	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	3.08	0.001756	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	3.29	0.001876	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-7.61	-0.004444	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-7.01	-0.004093	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-5.35	-0.003124	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	2.39	0.001380	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	5MHz	QPSK	20175	25RB#0	VN	NT	2.05	0.001183	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	3.19	0.001841	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-4.11	-0.002345	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-5.89	-0.003361	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-4.61	-0.002631	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-3.71	-0.002166	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-4.05	-0.002365	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-2.85	-0.001664	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-6.97	-0.004023	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-4.21	-0.002430	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-5.48	-0.003163	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-4.45	-0.002539	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-2.98	-0.001700	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-4.25	-0.002425	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-4.02	-0.002344	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-4.82	-0.002810	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-4.29	-0.002501	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	2.68	0.001547	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	2.43	0.001403	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	2.69	0.001553	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	2.82	0.001611	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	3.78	0.002160	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	3.23	0.001846	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-4.18	-0.002437	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-5.38	-0.003137	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-4.45	-0.002595	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	2.69	0.001553	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	3.56	0.002055	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	4.16	0.002401	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	2.50	0.001429	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	3.29	0.001880	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	3.09	0.001766	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-2.42	-0.001409	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	-2.37	-0.001380	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	-2.39	-0.001392	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-1.76	-0.001016	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	4.43	0.002557	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-2.52	-0.001455	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	3.22	0.001843	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	2.07	0.001185	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-2.09	-0.001196	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	2.72	0.001584	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	2.27	0.001322	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	3.29	0.001916	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	-2.22	-0.001281	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	-3.42	-0.001974	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	2.25	0.001299	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	-1.93	-0.001104	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	3.03	0.001734	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	4.26	0.002438	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	4.02	0.002337	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	3.03	0.001762	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	2.82	0.001640	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	2.76	0.001593	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	4.98	0.002874	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	3.15	0.001818	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-4.84	-0.002774	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-5.15	-0.002951	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.22	-0.002418	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.32	0.001930	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	4.79	0.002785	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	2.06	0.001198	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	3.73	0.002153	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	3.32	0.001916	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	2.23	0.001287	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-4.39	-0.002516	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-5.38	-0.003083	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-3.38	-0.001937	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	3.18	0.001859	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-3.12	-0.001824	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	2.62	0.001532	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	3.58	0.002093	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	4.11	0.002403	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	4.16	0.002432	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	4.39	0.002566	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	6.62	0.003870	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-4.16	-0.002401	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-3.32	-0.001916	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	3.00	0.001732	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	3.76	0.002170	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	2.75	0.001587	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-2.98	-0.001720	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-3.13	-0.001807	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	3.25	0.001876	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-7.93	-0.004520	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-7.15	-0.004076	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-8.98	-0.005119	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-7.52	-0.004287	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-7.98	-0.004549	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-9.40	-0.005358	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-8.18	-0.004663	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-8.83	-0.005033	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-2.78	-0.001625	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	3.45	0.002017	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	4.09	0.002391	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	2.16	0.001263	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	3.46	0.002023	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	3.45	0.002017	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	2.33	0.001362	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	3.49	0.002040	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-2.49	-0.001437	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-2.19	-0.001264	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-3.49	-0.002014	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	2.70	0.001558	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-4.16	-0.002401	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-4.66	-0.002690	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	1.39	0.000802	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-1.76	-0.001016	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-10.41	-0.005934	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-9.58	-0.005461	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-11.36	-0.006476	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-9.93	-0.005660	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-8.07	-0.004600	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-10.41	-0.005934	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-10.47	-0.005968	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-9.44	-0.005381	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-4.58	-0.002676	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	2.85	0.001665	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	2.15	0.001256	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-1.73	-0.001011	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	3.49	0.002039	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	2.89	0.001689	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	2.49	0.001455	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	3.96	0.002314	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-6.47	-0.003734	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-3.30	-0.001905	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-7.24	-0.004179	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-6.42	-0.003706	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-6.49	-0.003746	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-4.53	-0.002615	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-6.32	-0.003648	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-7.70	-0.004444	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	2.29	0.001306	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	2.33	0.001329	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	2.80	0.001597	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	3.23	0.001842	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	3.39	0.001933	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-2.76	-0.001574	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-4.01	-0.002287	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	2.98	0.001699	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-3.62	-0.002115	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	1.83	0.001069	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-2.82	-0.001648	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-3.52	-0.002057	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-8.83	-0.005159	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-10.51	-0.006141	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	3MHz	16QAM	19965	15RB#0	NV	40	-8.43	-0.004926	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	-7.31	-0.004271	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-7.84	-0.004525	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-5.88	-0.003394	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-5.94	-0.003429	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-6.08	-0.003509	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-5.28	-0.003048	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-8.08	-0.004664	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	-7.38	-0.004260	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-7.48	-0.004317	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-3.73	-0.002127	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-3.58	-0.002042	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	3.08	0.001756	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	3.19	0.001819	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	3.08	0.001756	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	1.99	0.001135	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-2.45	-0.001397	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	3.96	0.002258	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-6.01	-0.003509	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-4.69	-0.002739	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-6.92	-0.004041	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-3.72	-0.002172	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-5.06	-0.002955	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-2.72	-0.001588	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-4.09	-0.002388	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-3.42	-0.001997	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-5.72	-0.003302	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-6.07	-0.003504	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	4.21	0.002430	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-4.29	-0.002476	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-4.82	-0.002782	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-4.76	-0.002747	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-2.82	-0.001628	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-4.41	-0.002545	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-5.04	-0.002876	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-4.18	-0.002385	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-4.31	-0.002459	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-5.92	-0.003378	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-4.59	-0.002619	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-5.65	-0.003224	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-5.02	-0.002864	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-5.32	-0.003036	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-3.05	-0.001781	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-2.92	-0.001705	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	2.65	0.001547	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	1.49	0.000870	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	3.49	0.002038	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	4.16	0.002429	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	4.01	0.002342	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	4.85	0.002832	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-4.48	-0.002586	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-5.58	-0.003221	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-7.01	-0.004046	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-6.45	-0.003723	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-5.69	-0.003284	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	5.76	0.003325	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-5.45	-0.003146	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	4.86	0.002805	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-6.04	-0.003447	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-4.08	-0.002328	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-5.75	-0.003281	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-4.51	-0.002573	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-3.46	-0.001974	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-5.59	-0.003190	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-6.27	-0.003578	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-4.79	-0.002733	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-4.95	-0.002886	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-4.29	-0.002501	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-5.62	-0.003277	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-5.15	-0.003003	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-3.93	-0.002292	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-5.14	-0.002997	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-4.91	-0.002863	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-4.89	-0.002851	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	3.68	0.002124	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	2.83	0.001633	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	3.18	0.001835	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	4.62	0.002667	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	3.45	0.001991	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	3.93	0.002268	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	2.40	0.001385	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	1.62	0.000935	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	3.55	0.002029	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-3.25	-0.001857	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	3.32	0.001897	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	3.13	0.001789	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	3.98	0.002274	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	1.63	0.000931	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	3.10	0.001771	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	5.19	0.002966	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-6.35	-0.003703	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-3.86	-0.002251	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-5.06	-0.002950	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-5.75	-0.003353	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-3.46	-0.002017	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-3.36	-0.001959	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-4.81	-0.002805	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-4.22	-0.002461	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	3.02	0.001743	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	4.61	0.002661	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	10MHz	16QAM	20175	50RB#0	NV	0	5.39	0.003111	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	3.46	0.001997	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	4.05	0.002338	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	3.08	0.001778	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	6.29	0.003631	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	2.65	0.001530	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	4.48	0.002560	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	3.88	0.002217	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	-2.26	-0.001291	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	4.28	0.002446	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	5.08	0.002903	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	4.73	0.002703	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	4.35	0.002486	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	4.84	0.002766	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	2.19	0.001275	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	5.56	0.003237	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	2.12	0.001234	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-2.86	-0.001665	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-2.65	-0.001543	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	3.22	0.001875	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-4.25	-0.002475	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	3.18	0.001852	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-3.19	-0.001841	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-2.79	-0.001610	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-2.96	-0.001709	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	3.03	0.001749	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	2.26	0.001304	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	3.16	0.001824	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	3.93	0.002268	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	2.43	0.001403	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	1.79	0.001024	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-3.45	-0.001974	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	3.32	0.001900	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-2.65	-0.001516	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	3.83	0.002192	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	3.28	0.001877	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-1.67	-0.000956	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	4.23	0.002421	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	2.68	0.001560	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	4.56	0.002655	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	2.13	0.001240	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	-2.20	-0.001281	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	2.30	0.001339	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	-1.85	-0.001077	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	-3.36	-0.001956	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	2.52	0.001467	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	-4.39	-0.002534	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	2.99	0.001726	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	3.58	0.002066	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	-2.99	-0.001726	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22010007RF04

Band4	15MHz	16QAM	20175	75RB#0	NV	20	-1.80	-0.001039	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	2.43	0.001403	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	-3.40	-0.001962	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	3.30	0.001905	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	2.37	0.001356	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	5.02	0.002873	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	3.32	0.001900	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	4.11	0.002352	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	2.32	0.001328	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	-1.73	-0.000990	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	-2.37	-0.001356	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	2.68	0.001534	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	4.32	0.002512	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.36	0.001372	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	3.53	0.002052	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	5.64	0.003279	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	2.72	0.001581	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	3.09	0.001797	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	3.03	0.001762	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-2.92	-0.001698	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	2.99	0.001726	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.89	-0.001091	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	2.46	0.001420	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	2.65	0.001530	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	3.45	0.001991	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	3.25	0.001876	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-3.96	-0.002286	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	3.18	0.001835	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-6.25	-0.003582	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-6.94	-0.003977	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-6.68	-0.003828	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-7.31	-0.004189	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-5.09	-0.002917	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-5.02	-0.002877	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-5.39	-0.003089	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-5.01	-0.002871	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	4.45	0.002587	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	3.26	0.001895	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	4.32	0.002512	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	3.25	0.001890	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	4.89	0.002843	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-3.42	-0.001988	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	3.72	0.002163	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	2.80	0.001628	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-2.12	-0.001224	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	4.59	0.002649	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-3.32	-0.001916	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-1.44	-0.000831	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	3.76	0.002170	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	3.49	0.002014	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22010007RF04

Band4	20MHz	16QAM	20175	100RB#0	NV	40	1.73	0.000999	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	3.29	0.001899	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-5.54	-0.003175	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-4.32	-0.002476	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-5.59	-0.003203	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-4.13	-0.002367	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-4.48	-0.002567	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-4.56	-0.002613	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-4.32	-0.002476	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-4.91	-0.002814	±2.5	PASS

LTE BAND12

PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.60	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.25	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.52	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.14	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.45	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.20	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.54	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.07	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.42	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.98	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.43	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.03	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.52	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.30	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.52	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.23	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.62	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.31	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.42	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.22	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.42	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.17	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.17	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.46	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.32	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.43	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.35	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.65	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.27	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.37	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.15	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.34	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.11	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.46	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.12	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.47	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.18	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.43	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.37	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.36	13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22010007RF04

Band12	10MHz	16QAM	23060	1RB#0	5.43	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.04	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.40	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.23	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.29	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.24	13	PASS