



BUREAU
VERITAS

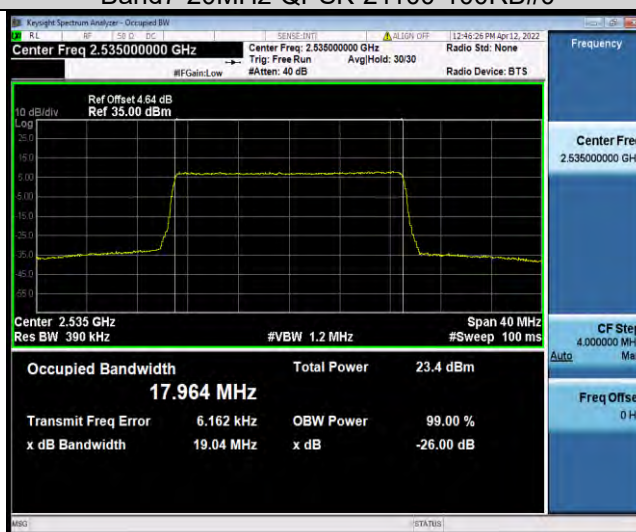
Test Report No.: W7L-P22030013RF03



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03

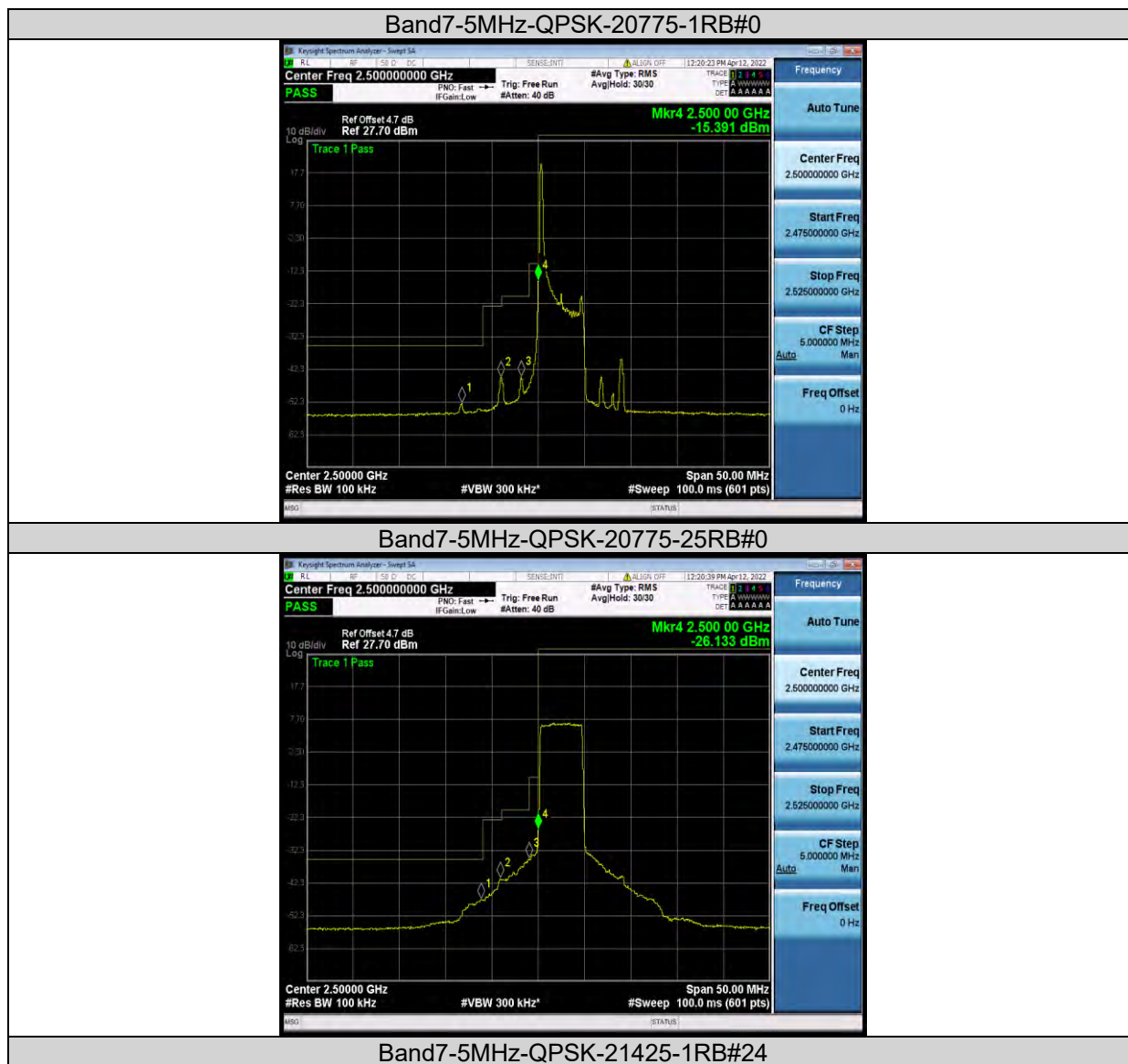


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-52.75,-44.83,-44.75,-15.39	PASS
Band7	5MHz	QPSK	20775	25RB#0	-47.38,-41.00,-34.99,-26.13	PASS
Band7	5MHz	QPSK	21425	1RB#24	-14.96,-42.79,-54.26,-51.10	PASS
Band7	5MHz	QPSK	21425	25RB#0	-27.37,-37.88,-45.28,-46.44	PASS
Band7	5MHz	16QAM	20775	1RB#0	-54.88,-49.45,-44.83,-17.08	PASS
Band7	5MHz	16QAM	20775	25RB#0	-48.20,-42.95,-36.42,-27.05	PASS
Band7	5MHz	16QAM	21425	1RB#24	-16.86,-44.58,-54.53,-54.18	PASS
Band7	5MHz	16QAM	21425	25RB#0	-28.44,-38.12,-46.02,-47.66	PASS
Band7	10MHz	QPSK	20800	1RB#0	-52.56,-41.69,-40.99,-18.94	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.69,-38.14,-35.13,-29.94	PASS
Band7	10MHz	QPSK	21400	1RB#49	-17.61,-41.36,-49.80,-52.60	PASS
Band7	10MHz	QPSK	21400	50RB#0	-30.31,-37.10,-39.24,-44.51	PASS
Band7	10MHz	16QAM	20800	1RB#0	-52.37,-41.45,-40.83,-19.13	PASS
Band7	10MHz	16QAM	20800	50RB#0	-46.33,-38.79,-36.39,-31.35	PASS
Band7	10MHz	16QAM	21400	1RB#49	-18.58,-41.46,-48.98,-52.36	PASS
Band7	10MHz	16QAM	21400	50RB#0	-31.15,-37.64,-40.10,-45.28	PASS
Band7	15MHz	QPSK	20825	1RB#0	-45.26,-39.31,-44.72,-17.71	PASS
Band7	15MHz	QPSK	20825	75RB#0	-41.40,-37.55,-33.89,-30.32	PASS
Band7	15MHz	QPSK	21375	1RB#74	-18.91,-45.29,-40.42,-50.98	PASS
Band7	15MHz	QPSK	21375	75RB#0	-30.79,-35.43,-38.21,-43.97	PASS
Band7	15MHz	16QAM	20825	1RB#0	-45.53,-38.86,-44.71,-18.46	PASS
Band7	15MHz	16QAM	20825	75RB#0	-42.55,-37.92,-34.79,-31.19	PASS
Band7	15MHz	16QAM	21375	1RB#74	-19.59,-45.77,-41.32,-51.03	PASS
Band7	15MHz	16QAM	21375	75RB#0	-31.67,-36.56,-38.70,-44.81	PASS
Band7	20MHz	QPSK	20850	1RB#0	-45.10,-36.76,-42.98,-21.41	PASS
Band7	20MHz	QPSK	20850	100RB#0	-39.95,-36.91,-35.25,-31.82	PASS
Band7	20MHz	QPSK	21350	1RB#99	-19.99,-43.34,-36.49,-50.09	PASS
Band7	20MHz	QPSK	21350	100RB#0	-32.40,-36.38,-37.42,-45.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	-47.92,-37.64,-43.78,-21.79	PASS
Band7	20MHz	16QAM	20850	100RB#0	-40.70,-37.41,-36.02,-32.95	PASS
Band7	20MHz	16QAM	21350	1RB#99	-21.70,-43.16,-37.54,-49.87	PASS
Band7	20MHz	16QAM	21350	100RB#0	-33.23,-36.90,-37.80,-45.64	PASS

Test Graphs





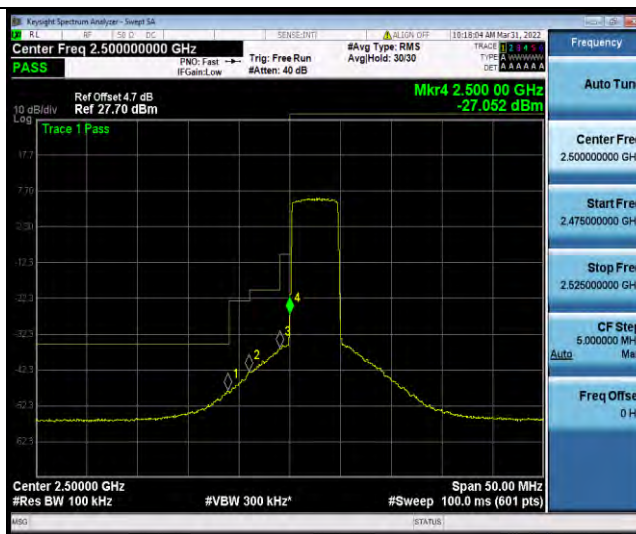
Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0



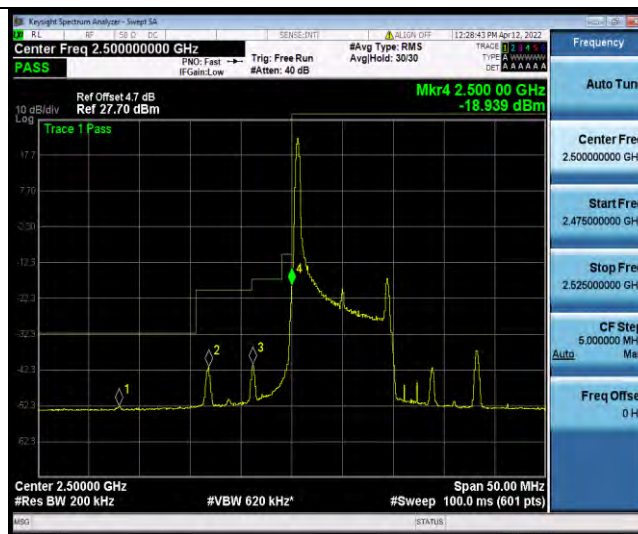
Band7-5MHz-16QAM-21425-1RB#24



Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0



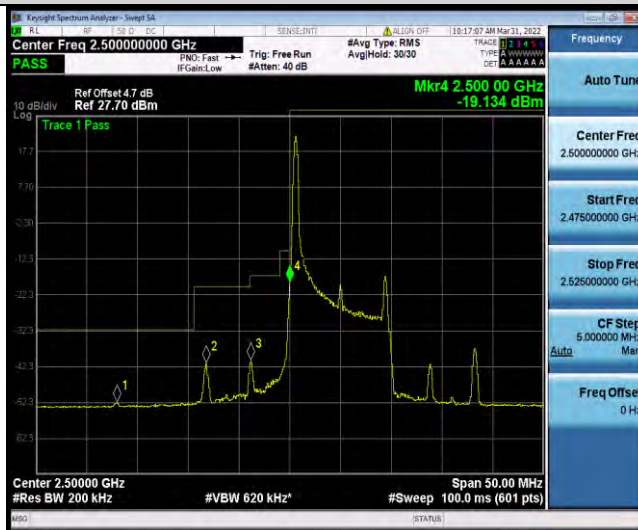
Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-50RB#0



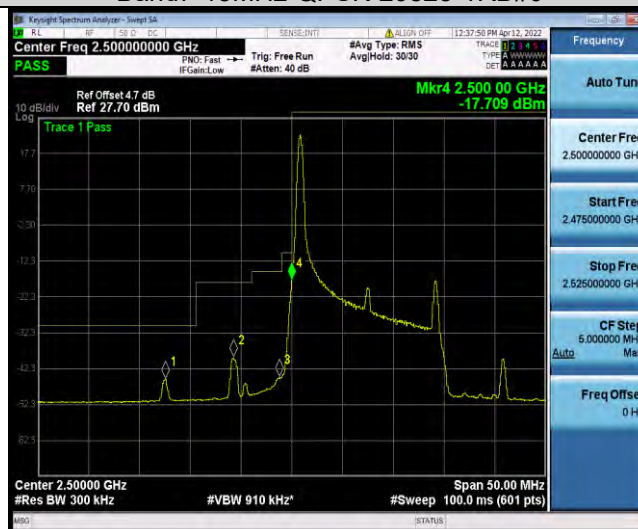
Band7-10MHz-16QAM-21400-1RB#49



Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03



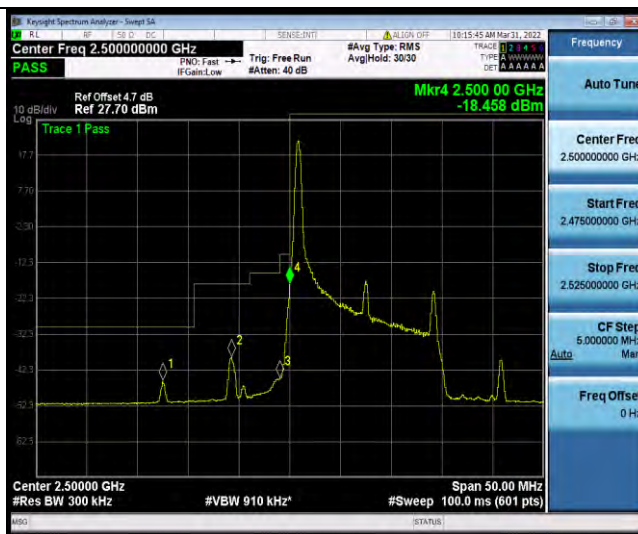
Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0



Band7-15MHz-16QAM-21375-1RB#74



Band7-15MHz-16QAM-21375-75RB#0







Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-49.93	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-39.66	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.6	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-39.96	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-50.22	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-40.3	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-41.03	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.93	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-40.54	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-49.97	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-40.92	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-49.73	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-39.67	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.93	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-40.79	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-50.2	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-40.29	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-49.22	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~27000MHz	-40.05	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.88	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-40.04	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-49.68	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~27000MHz	-39.79	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-48.78	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-39.38	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-50.65	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-40.99	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-48.91	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-40.42	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-49.25	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~27000MHz	-40.7	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.41	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-40.33	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~27000MHz	-40.79	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-49.51	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-39.9	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-50.06	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-40.07	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-50.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-39.78	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-49.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-40.91	PASS

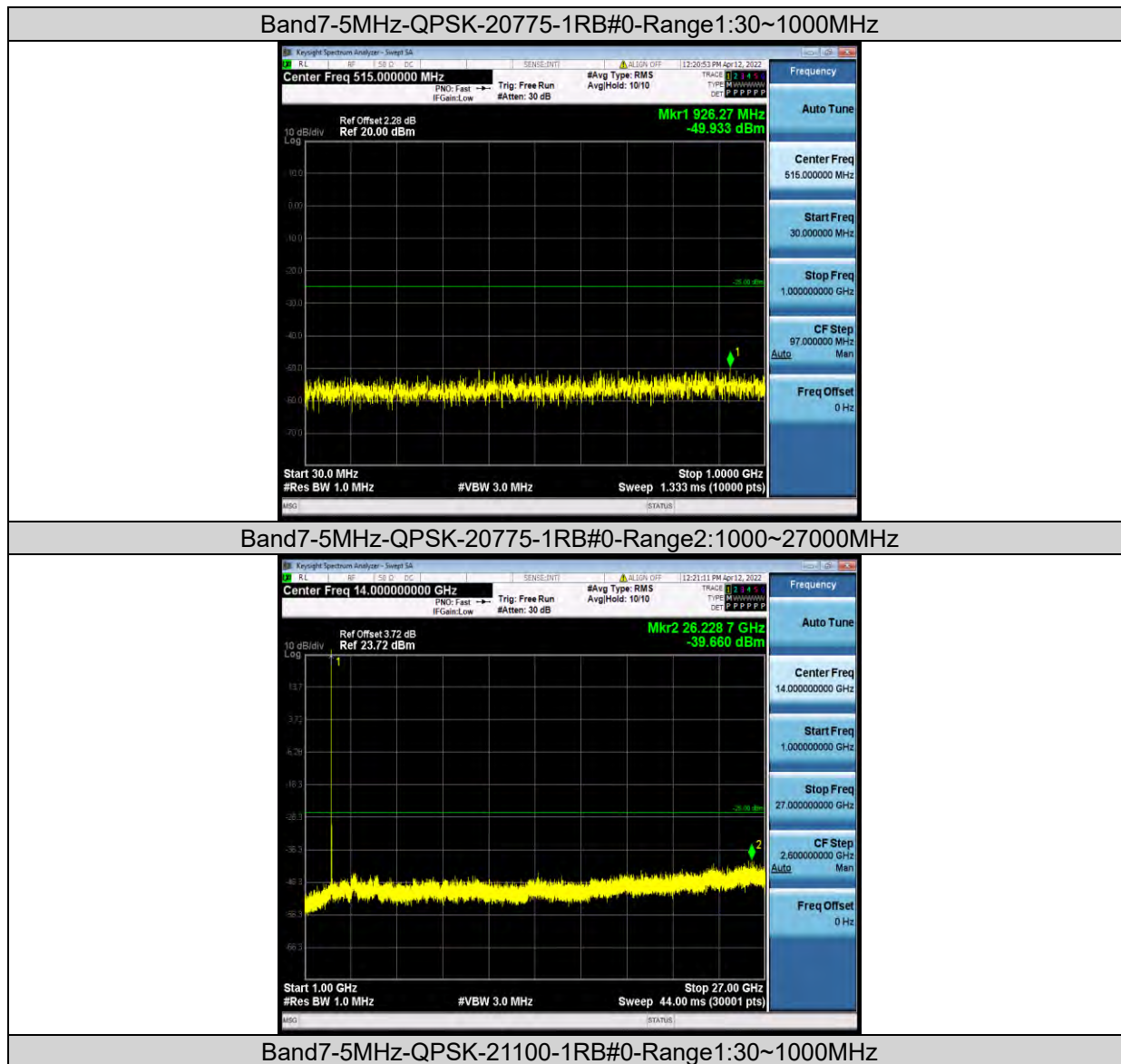


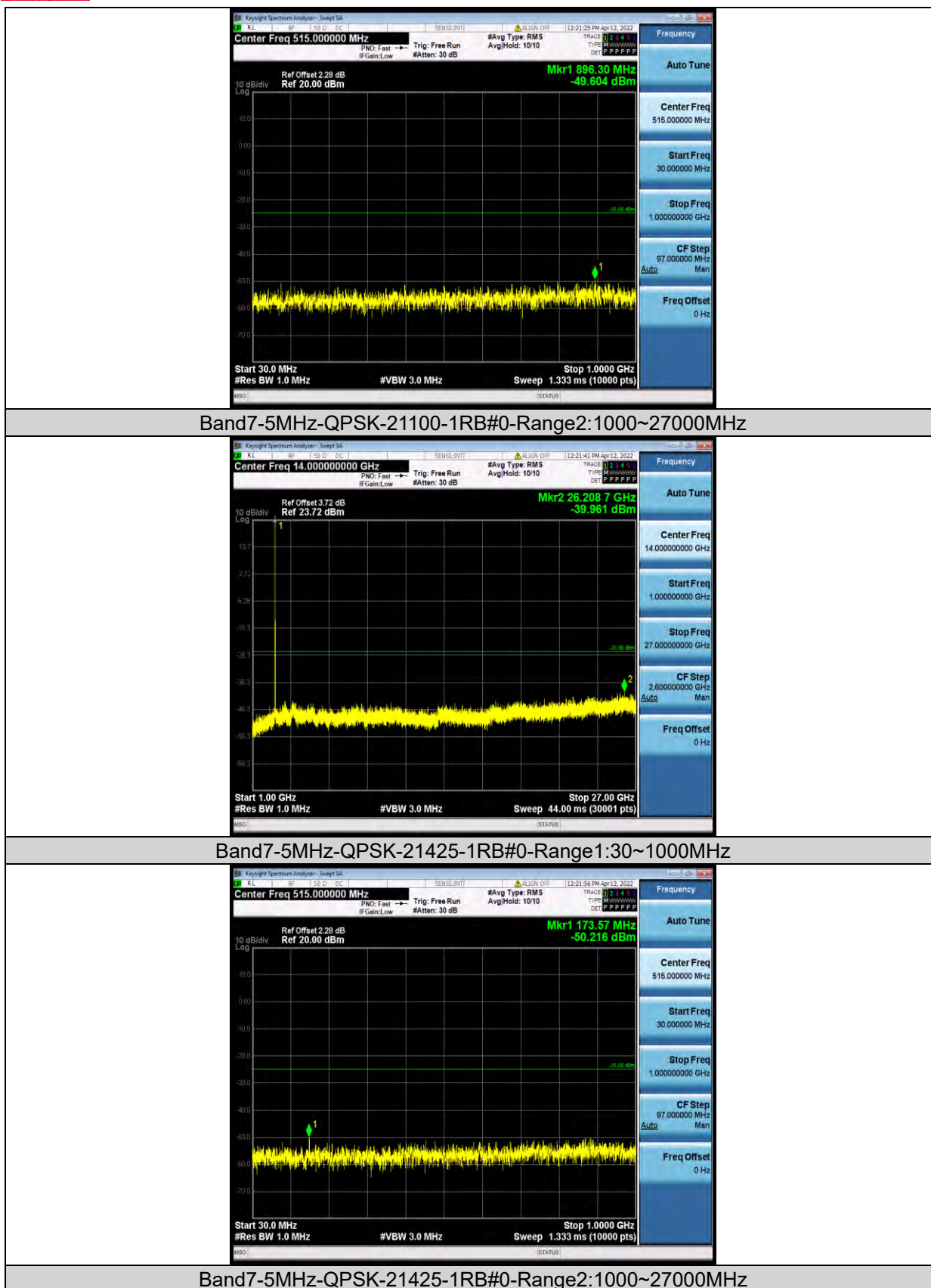
**BUREAU
VERITAS**

Test Report No.: W7L-P22030013RF03

Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.23	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-39.79	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-49.28	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-40.58	PASS

Test Graphs





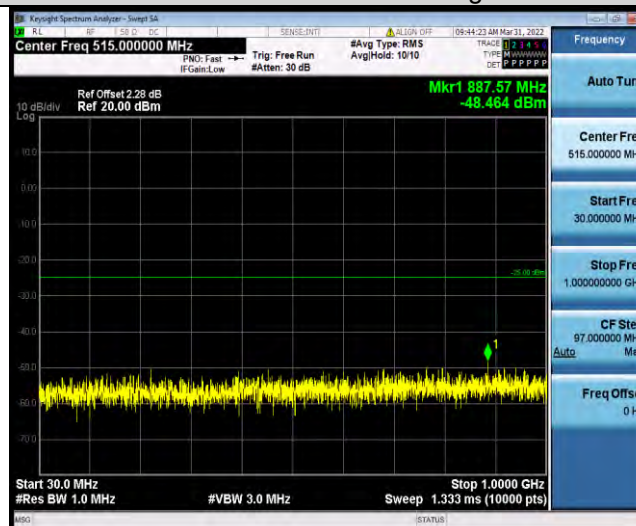


BUREAU
VERITAS

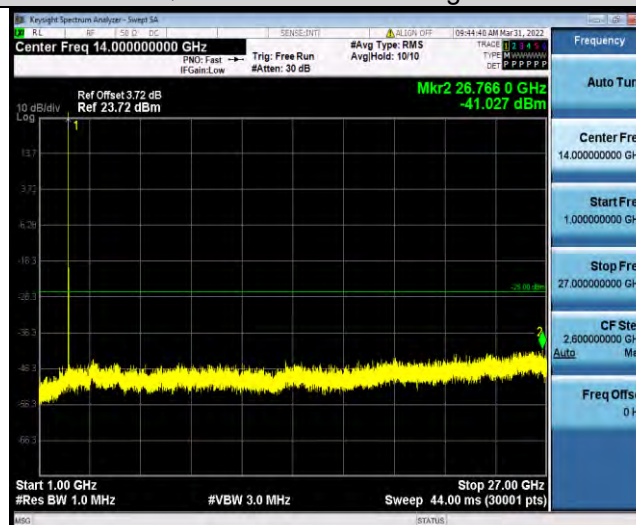
Test Report No.: W7L-P22030013RF03



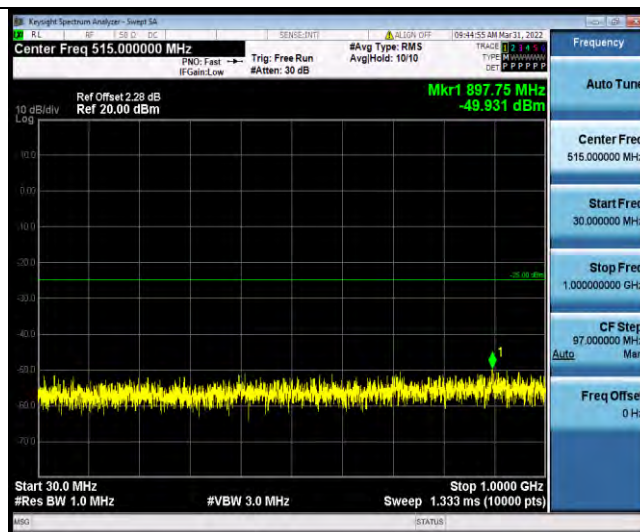
Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~27000MHz



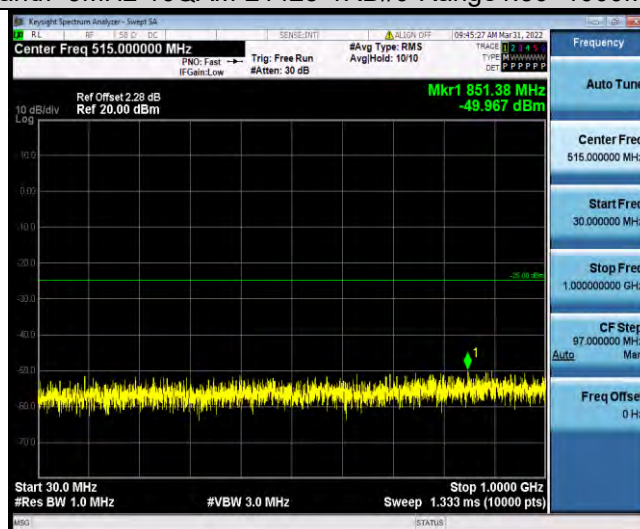
Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz

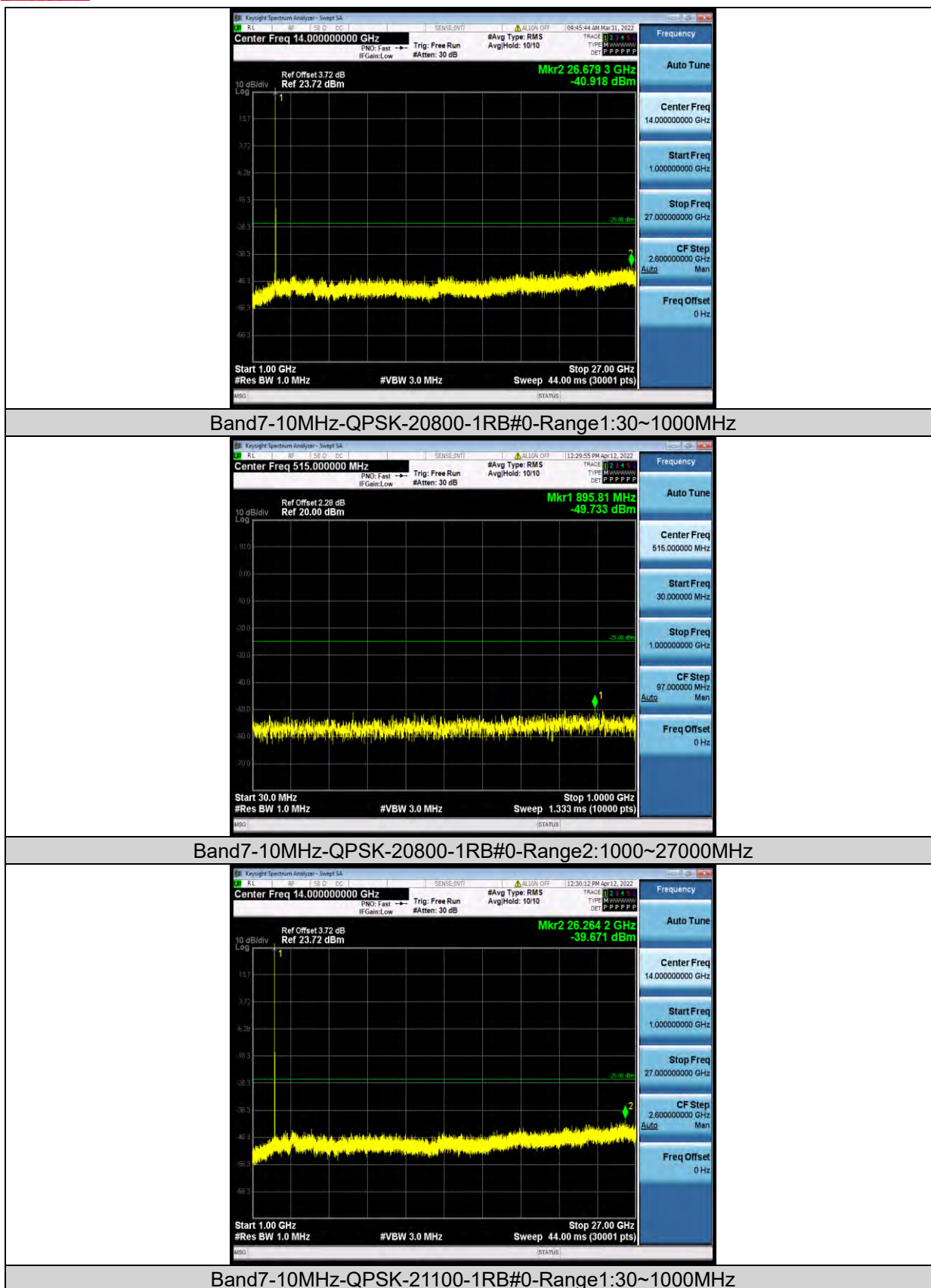


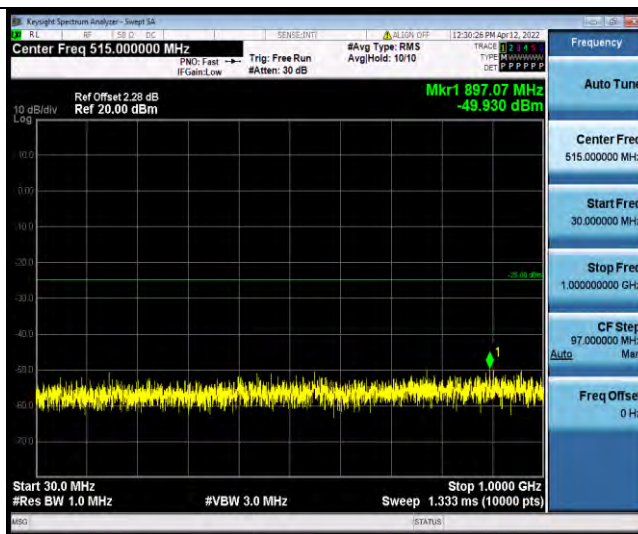
Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~27000MHz



BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03

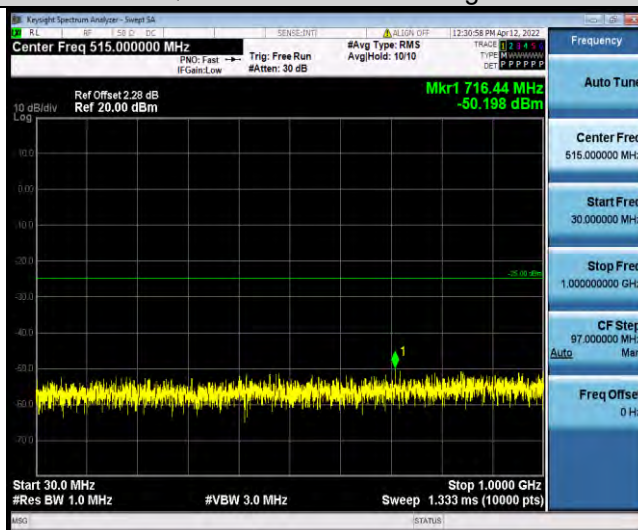




Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~27000MHz

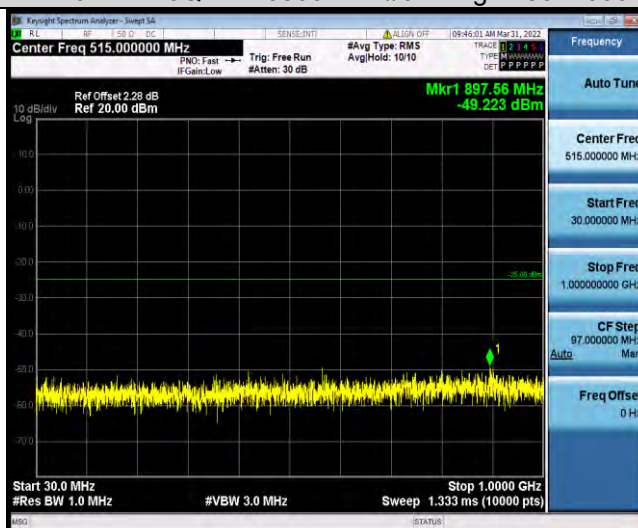


BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03



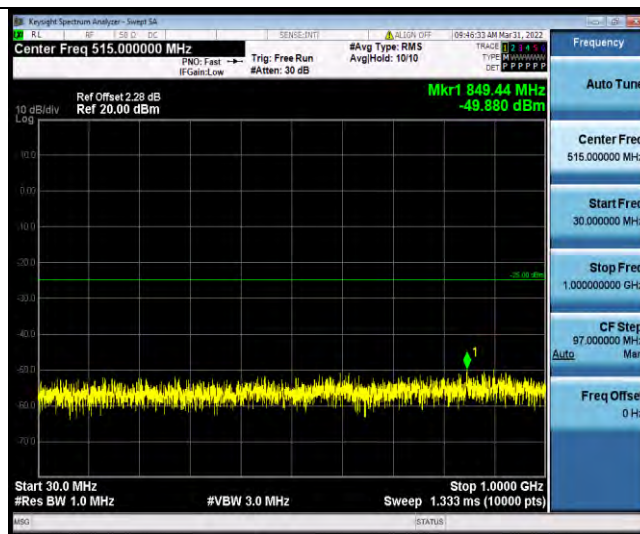
Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~27000MHz



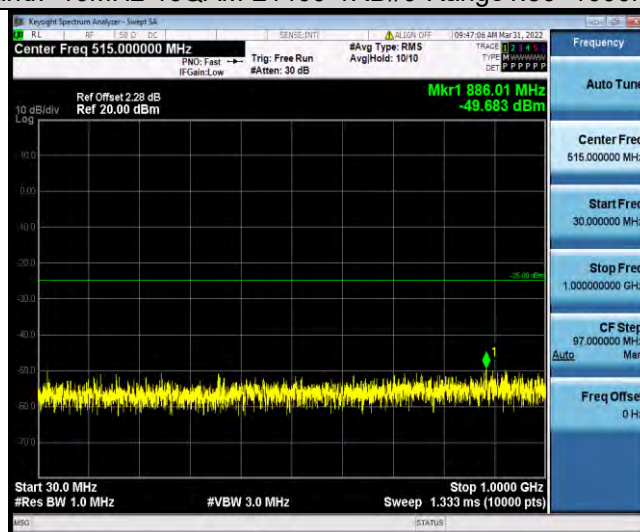
Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz

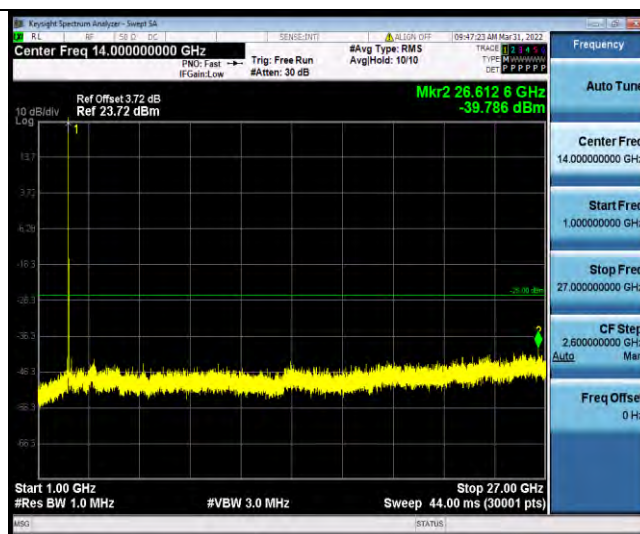


Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~27000MHz

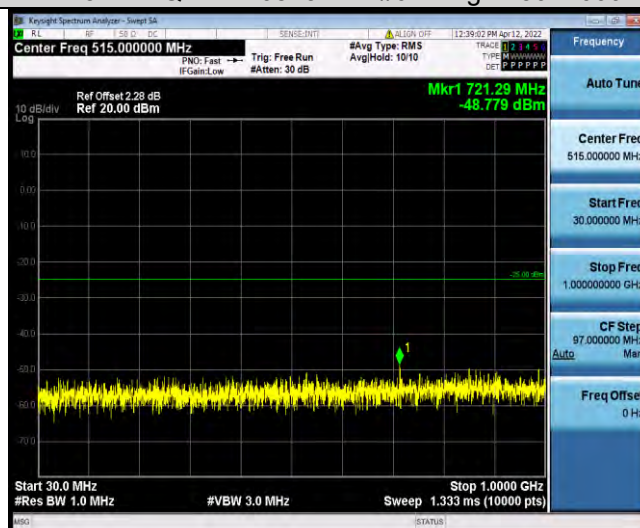


BUREAU
VERITAS

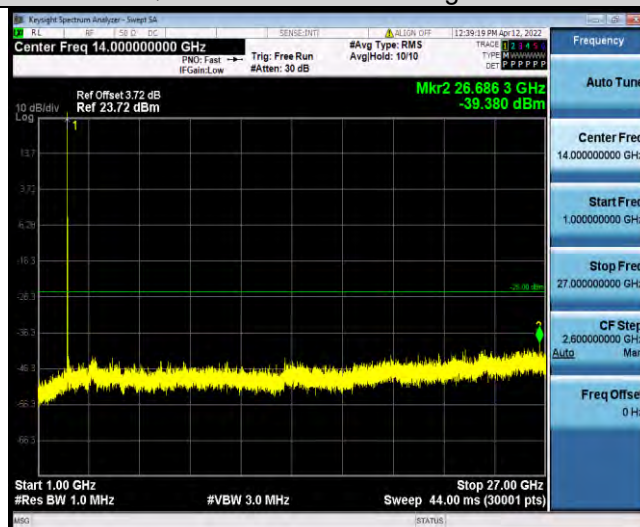
Test Report No.: W7L-P22030013RF03



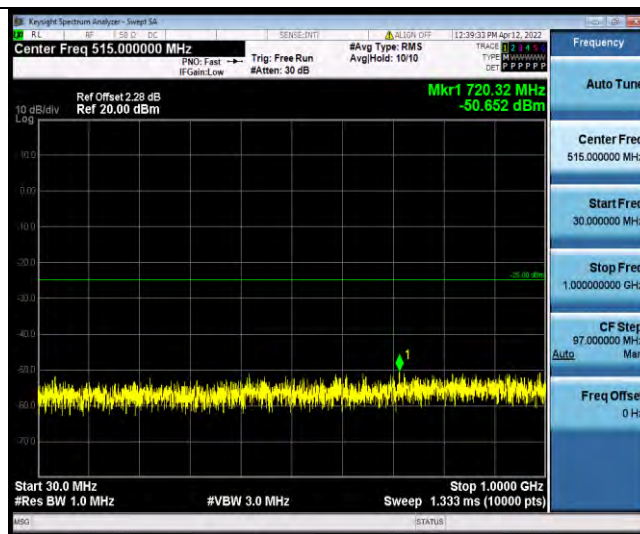
Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz



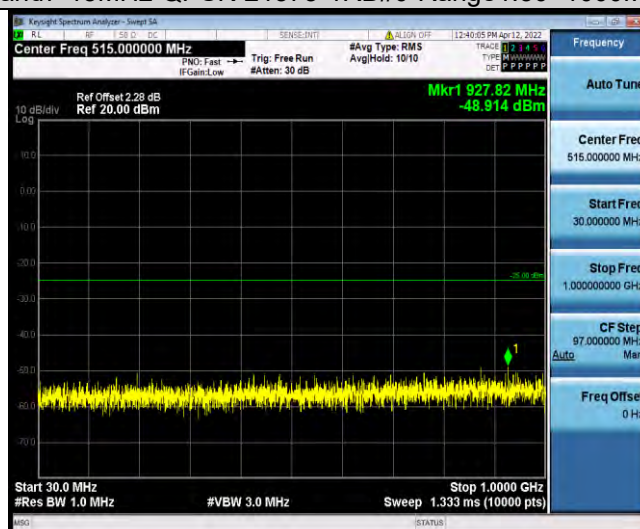
Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz

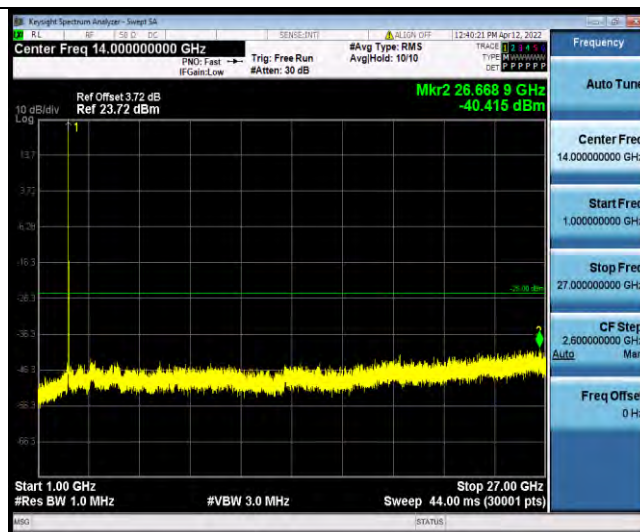


Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~27000MHz

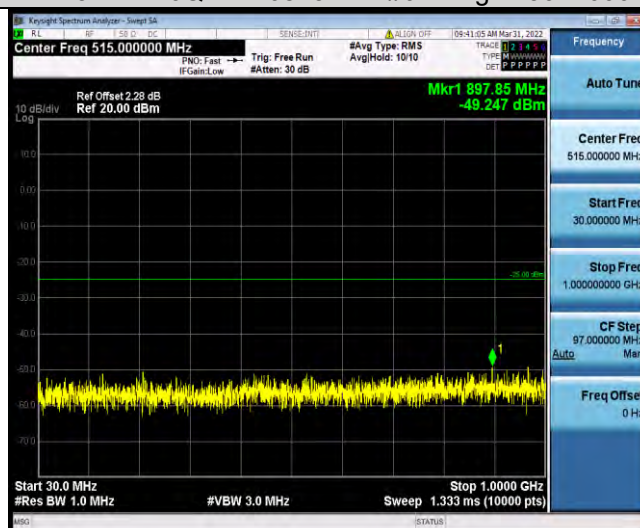


BUREAU
VERITAS

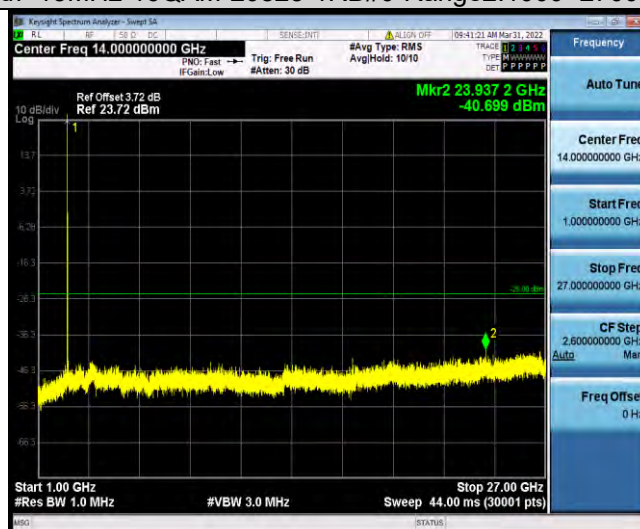
Test Report No.: W7L-P22030013RF03



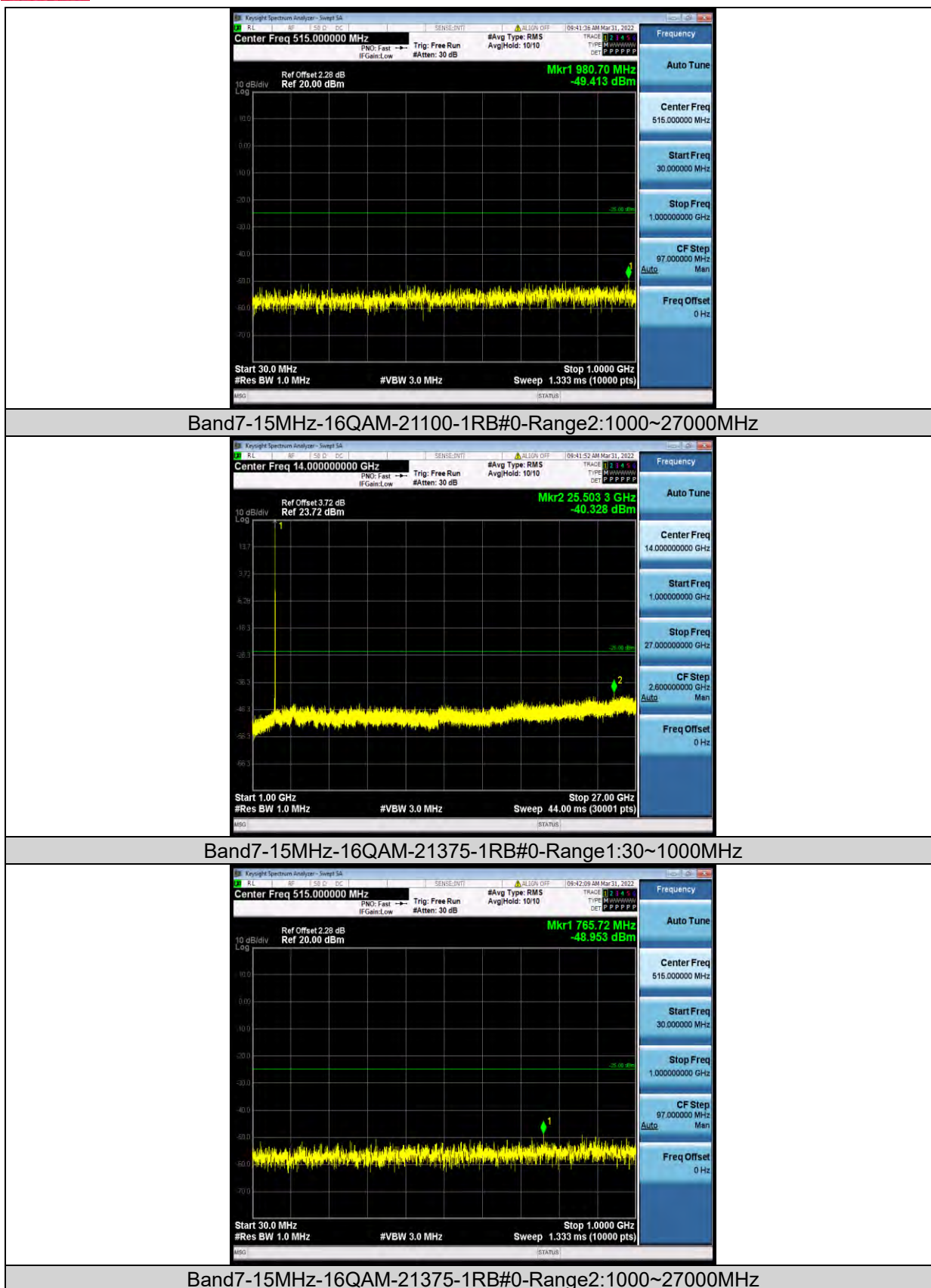
Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz

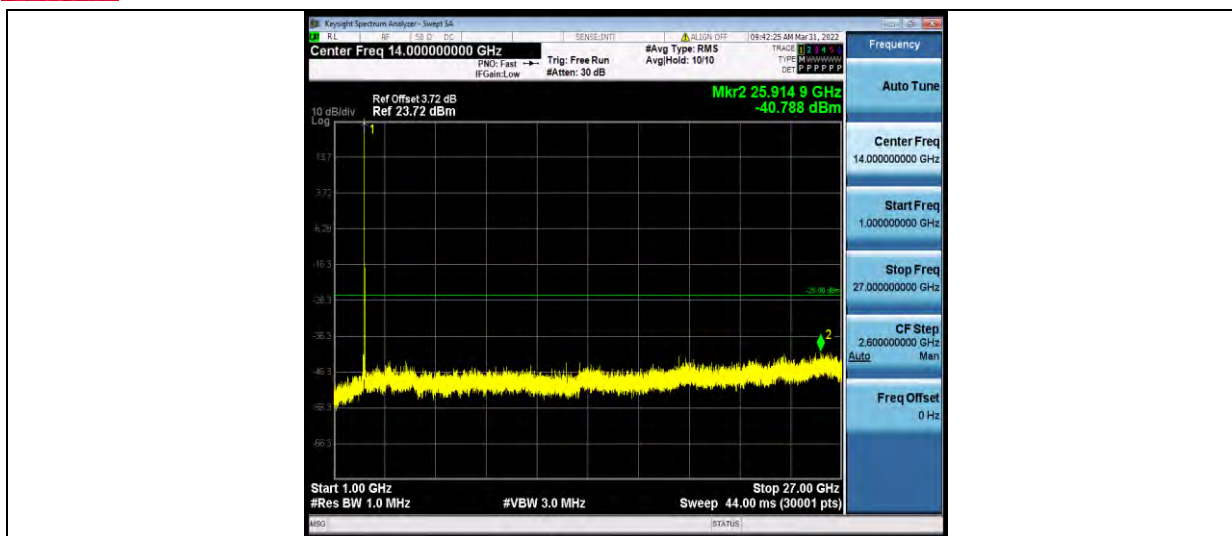


Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~27000MHz

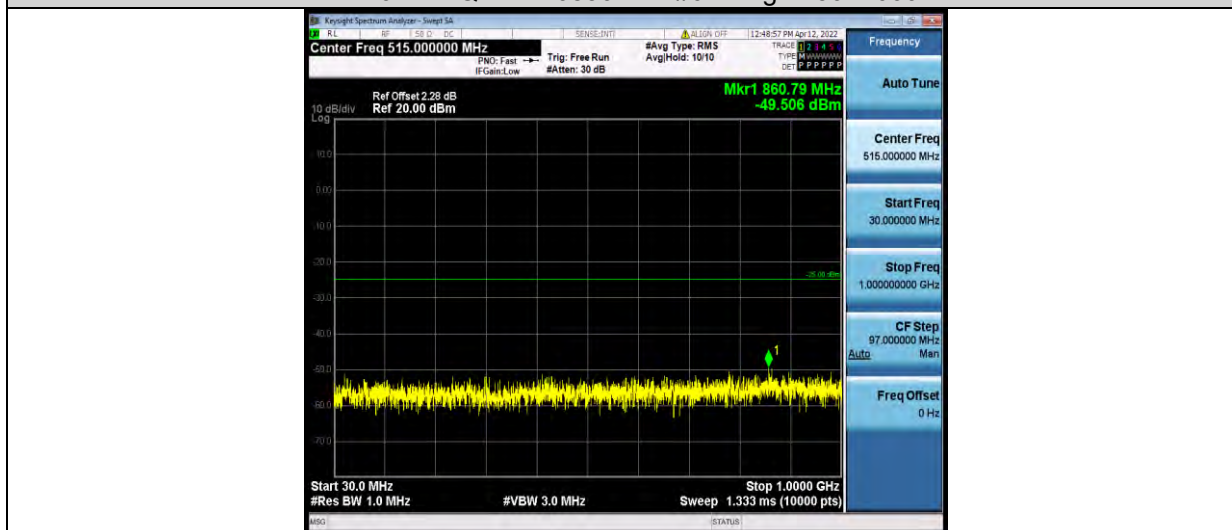


Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

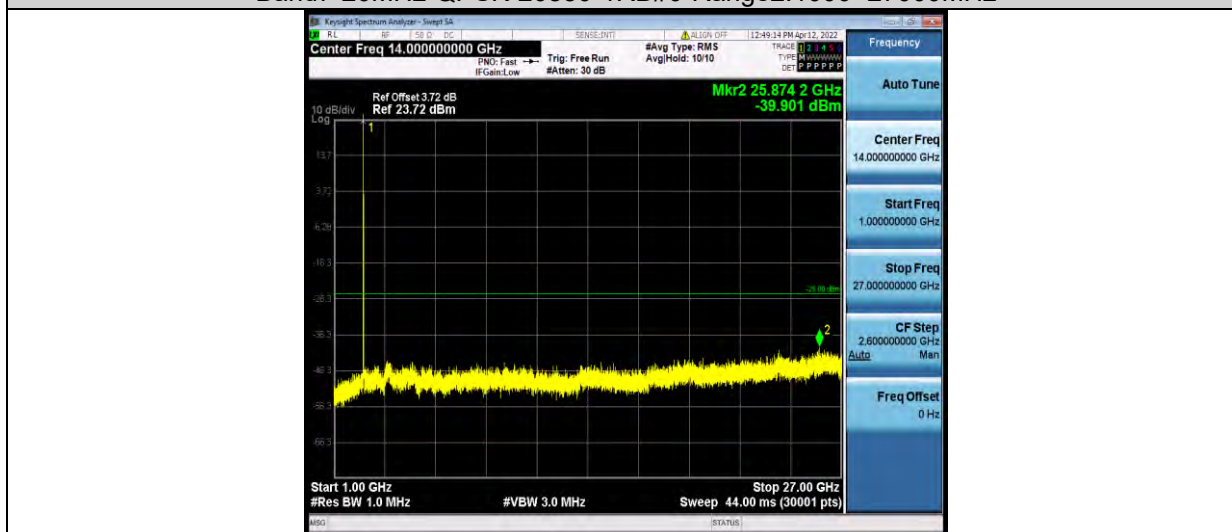




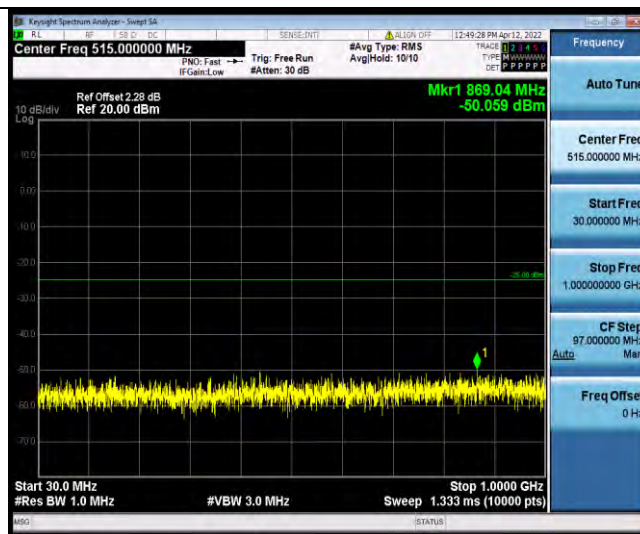
Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz



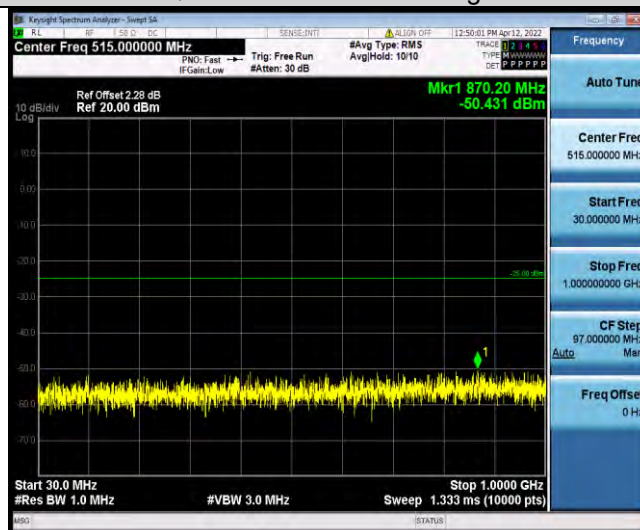
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz

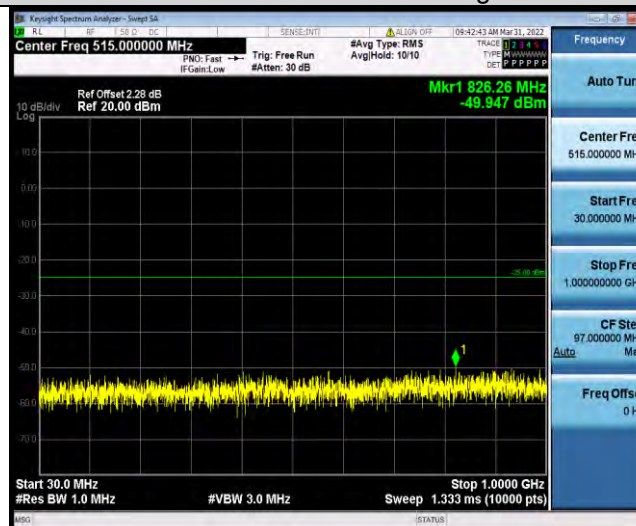


BUREAU
VERITAS

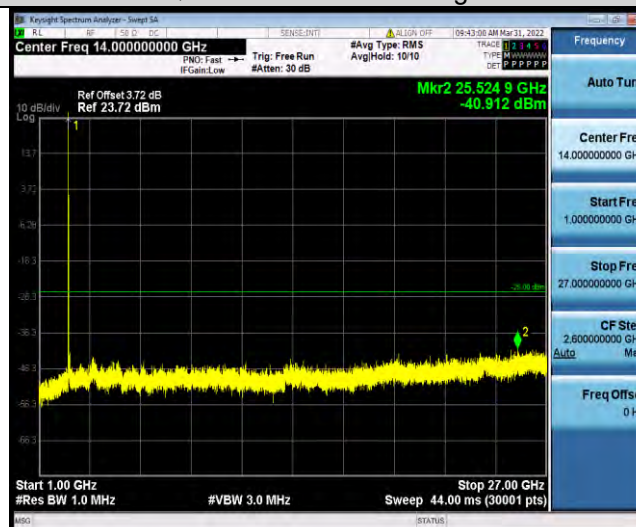
Test Report No.: W7L-P22030013RF03



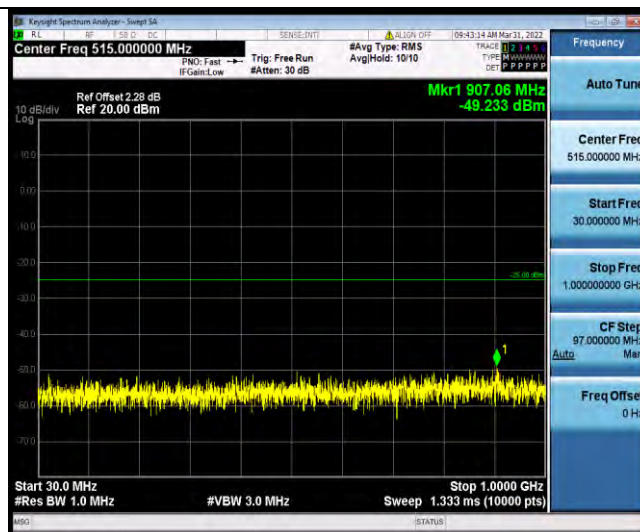
Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz



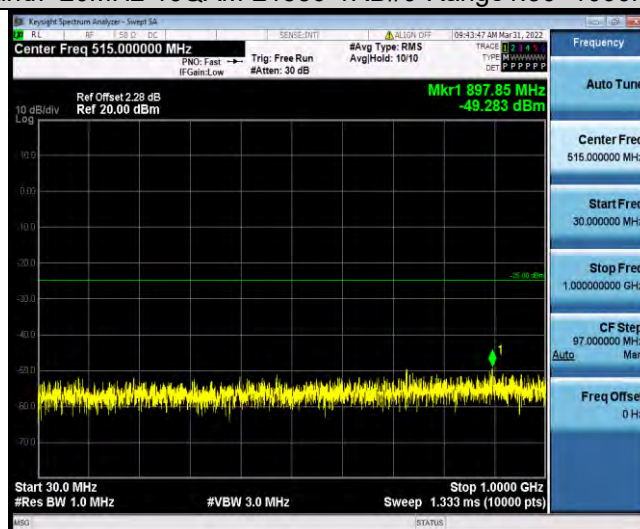
Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz

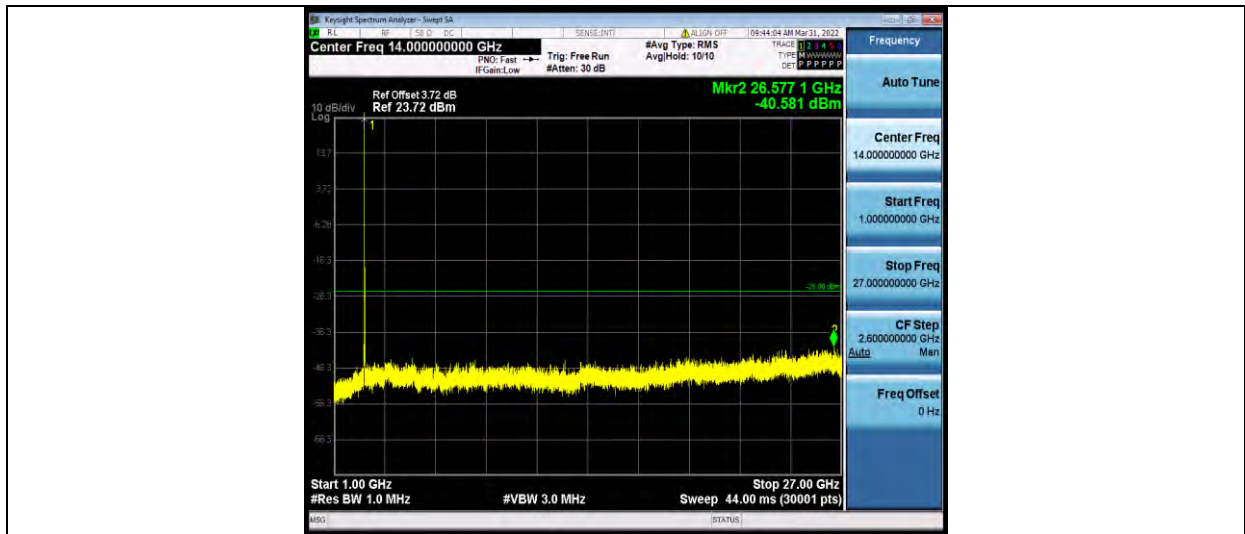


Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-55.68	-0.022250	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-17.08	-0.006825	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-25.63	-0.010242	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	14.35	0.005661	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	35.58	0.014036	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-27.39	-0.010805	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-21.11	-0.008222	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	43.62	0.016989	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-56.18	-0.021881	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-23.26	-0.009295	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-11.90	-0.004755	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-39.47	-0.015772	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-17.12	-0.006753	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-19.27	-0.007602	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-5.48	-0.002162	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	25.58	0.009963	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	44.20	0.017215	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	30.67	0.011945	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-18.20	-0.007265	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	19.10	0.007625	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-32.83	-0.013106	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-10.10	-0.003984	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	56.86	0.022430	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-8.00	-0.003156	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-12.80	-0.004990	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	42.24	0.016468	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-49.65	-0.019357	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	8.07	0.003222	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	15.16	0.006052	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-19.67	-0.007852	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	15.08	0.005949	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	54.77	0.021606	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	25.56	0.010083	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-12.23	-0.004768	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	9.37	0.003653	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-25.62	-0.009988	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	21.46	0.008558	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	34.03	0.013571	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	7.74	0.003087	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	41.50	0.016371	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22030013RF03

Band7	15MHz	QPSK	21100	75RB#0	VN	NT	52.43	0.020682	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-22.99	-0.009069	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-15.54	-0.006064	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	58.01	0.022638	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-28.81	-0.011243	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	23.56	0.009396	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	42.14	0.016806	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-32.84	-0.013097	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-10.83	-0.004272	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-6.87	-0.002710	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-16.41	-0.006473	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	-31.43	-0.012265	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-20.90	-0.008156	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	-40.15	-0.015668	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	47.56	0.018948	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	29.37	0.011701	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	52.51	0.020920	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	36.21	0.014284	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	53.14	0.020963	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	34.90	0.013767	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	38.37	0.014988	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	17.94	0.007008	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	33.93	0.013254	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-19.01	-0.007574	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	33.39	0.013303	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-11.86	-0.004725	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-33.37	-0.013164	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	50.58	0.019953	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-53.03	-0.020919	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	38.05	0.014863	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	44.60	0.017422	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	27.54	0.010758	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-9.76	-0.003900	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-57.92	-0.023145	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-27.41	-0.010953	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-16.98	-0.006785	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-41.97	-0.016771	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	-51.88	-0.020731	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-40.96	-0.016368	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	-44.26	-0.017686	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	10.91	0.004304	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-43.56	-0.017183	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-34.66	-0.013673	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-42.11	-0.016611	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-38.44	-0.015164	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22030013RF03

Band7	5MHz	QPSK	21100	25RB#0	NV	30	-51.27	-0.020225	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-41.77	-0.016477	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-42.20	-0.016647	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-37.62	-0.014652	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-48.54	-0.018906	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-50.55	-0.019688	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-20.47	-0.007973	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-11.46	-0.004463	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-33.17	-0.012919	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-22.66	-0.008826	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-44.96	-0.017511	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-43.87	-0.017530	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-10.21	-0.004080	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-19.71	-0.007876	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-18.11	-0.007237	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-28.28	-0.011301	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-29.95	-0.011968	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-40.11	-0.016028	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	-35.49	-0.014182	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	8.71	0.003436	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	10.21	0.004028	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	11.79	0.004651	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	11.12	0.004387	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-4.48	-0.001767	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	14.15	0.005582	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-8.75	-0.003452	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-6.77	-0.002671	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	28.88	0.011248	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	12.83	0.004997	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	14.75	0.005745	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	15.54	0.006053	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	15.03	0.005854	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	-9.06	-0.003529	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	11.79	0.004592	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	12.89	0.005020	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	12.97	0.005178	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-30.23	-0.012068	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-56.00	-0.022355	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-41.36	-0.016511	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	18.71	0.007469	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-41.00	-0.016367	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-19.37	-0.007733	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-46.86	-0.018707	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-20.34	-0.008024	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-22.46	-0.008860	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-34.58	-0.013641	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-40.24	-0.015874	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-43.17	-0.017030	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	14.42	0.005688	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-21.27	-0.008391	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22030013RF03

Band7	10MHz	QPSK	21100	50RB#0	NV	50	-40.56	-0.016000	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-46.39	-0.018086	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-10.96	-0.004273	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-43.09	-0.016799	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-32.36	-0.012616	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	13.53	0.005275	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-27.44	-0.010698	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-9.78	-0.003813	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-56.85	-0.022164	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-32.52	-0.012982	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-42.74	-0.017062	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-55.29	-0.022072	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-55.07	-0.021984	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-58.85	-0.023493	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	-35.22	-0.014060	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	-44.23	-0.017657	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	-44.42	-0.017733	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	25.92	0.010225	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	28.31	0.011168	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	28.17	0.011112	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	28.07	0.011073	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	27.75	0.010947	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	30.41	0.011996	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	32.06	0.012647	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	28.25	0.011144	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-30.78	-0.012000	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-41.26	-0.016086	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-45.85	-0.017875	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	7.68	0.002994	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	9.54	0.003719	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	7.21	0.002811	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	-12.56	-0.004897	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-8.45	-0.003294	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-17.37	-0.006927	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-24.12	-0.009619	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-22.90	-0.009133	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-26.54	-0.010584	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-34.60	-0.013799	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-43.90	-0.017507	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-62.84	-0.025061	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-30.38	-0.012116	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-14.71	-0.005803	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-10.83	-0.004272	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-7.71	-0.003041	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-11.36	-0.004481	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	12.36	0.004876	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	7.30	0.002880	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-9.50	-0.003748	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	9.60	0.003787	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-46.76	-0.018248	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22030013RF03

Band7	15MHz	QPSK	21375	75RB#0	NV	-20	17.67	0.006896	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	19.07	0.007442	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	16.09	0.006279	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	16.28	0.006353	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	19.38	0.007563	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-11.52	-0.004496	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-18.67	-0.007286	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	-27.88	-0.011119	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-50.41	-0.020104	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-14.10	-0.005623	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	-33.96	-0.013543	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-46.75	-0.018644	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	-31.16	-0.012427	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	-42.80	-0.017069	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	-13.00	-0.005184	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-25.01	-0.009866	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-37.05	-0.014615	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-34.35	-0.013550	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-41.14	-0.016229	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-53.54	-0.021120	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	-57.42	-0.022651	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	9.56	0.003771	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	-7.15	-0.002821	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	15.74	0.006142	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	7.24	0.002825	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-20.00	-0.007805	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	-27.65	-0.010790	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	-33.25	-0.012976	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	-43.56	-0.016999	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	-48.25	-0.018829	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	-16.54	-0.006455	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	52.46	0.020900	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	48.24	0.019219	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	56.12	0.022359	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	15.99	0.006371	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	17.45	0.006952	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	32.23	0.012841	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	40.77	0.016243	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	56.71	0.022594	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	38.18	0.015061	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	39.53	0.015594	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	36.58	0.014430	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	42.00	0.016568	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	41.30	0.016292	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	49.78	0.019637	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	7.25	0.002860	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	12.50	0.004931	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	25.26	0.009867	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	27.21	0.010629	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	20.28	0.007922	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22030013RF03

Band7	20MHz	QPSK	21350	100RB#0	NV	10	19.88	0.007766	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	20.00	0.007813	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	17.11	0.006684	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	25.05	0.009785	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	19.11	0.007465	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	14.89	0.005932	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-27.07	-0.010785	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-22.95	-0.009143	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-17.54	-0.006988	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-37.67	-0.015008	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-62.13	-0.024753	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-25.11	-0.010004	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-41.58	-0.016566	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-8.65	-0.003412	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-18.90	-0.007456	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-39.30	-0.015503	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-12.83	-0.005061	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-24.99	-0.009858	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-40.51	-0.015980	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-8.11	-0.003199	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-16.91	-0.006671	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	17.09	0.006676	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-14.98	-0.005852	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-24.63	-0.009621	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-40.68	-0.015891	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	8.15	0.003184	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-17.55	-0.006855	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-39.32	-0.015359	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-52.26	-0.020414	±2.5	PASS