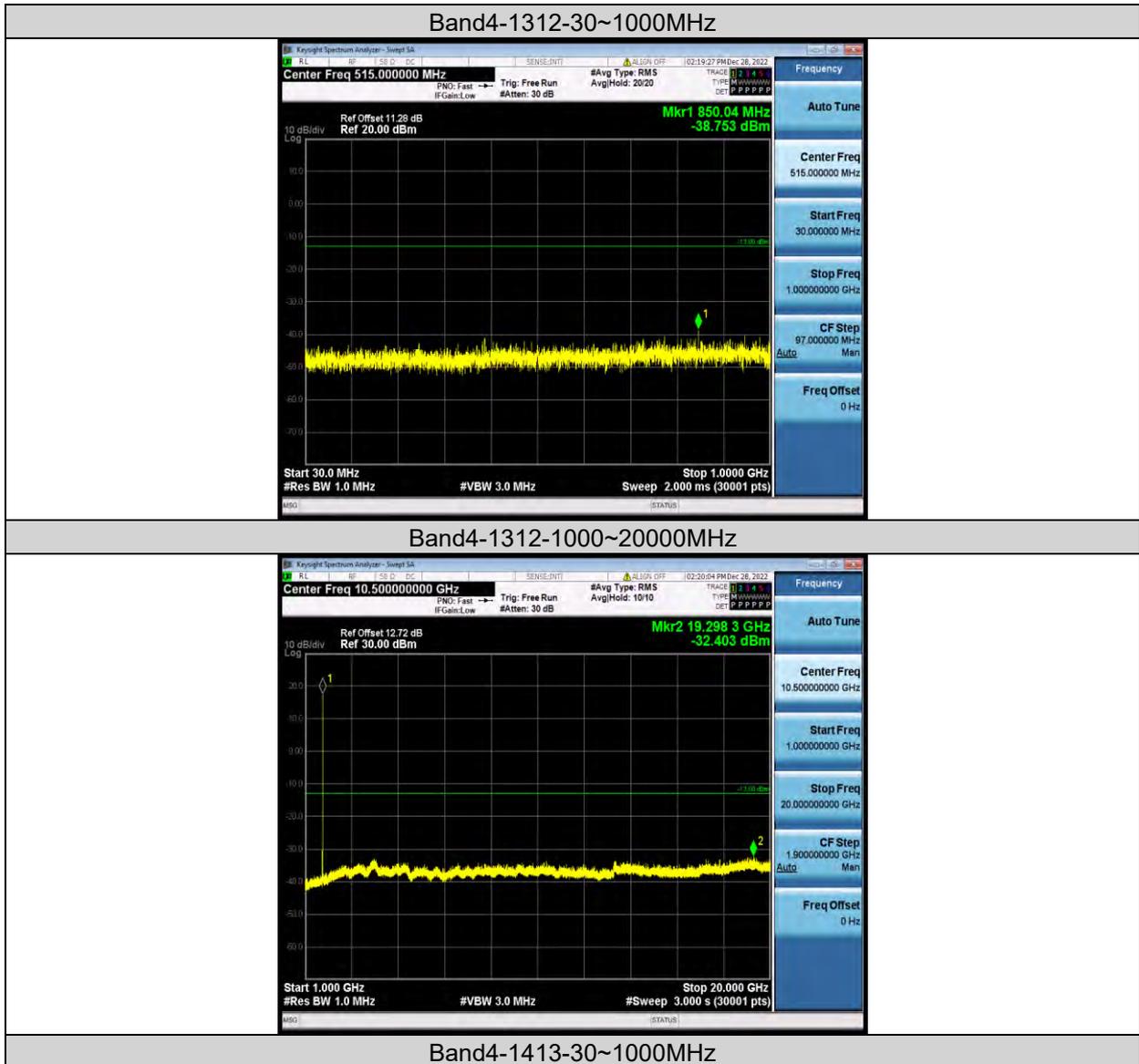


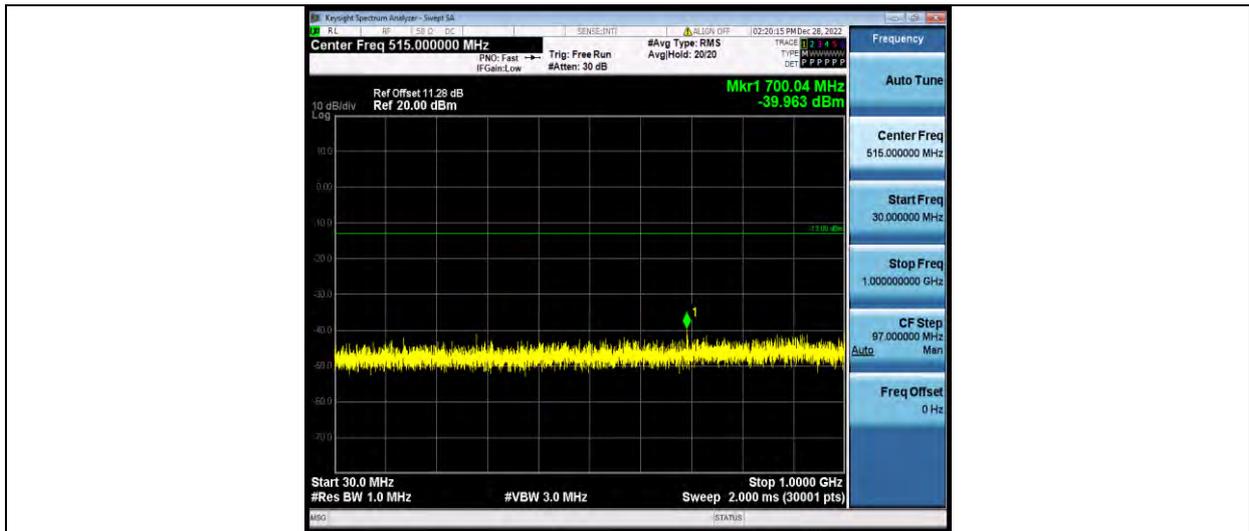
Test Graphs





BUREAU VERITAS

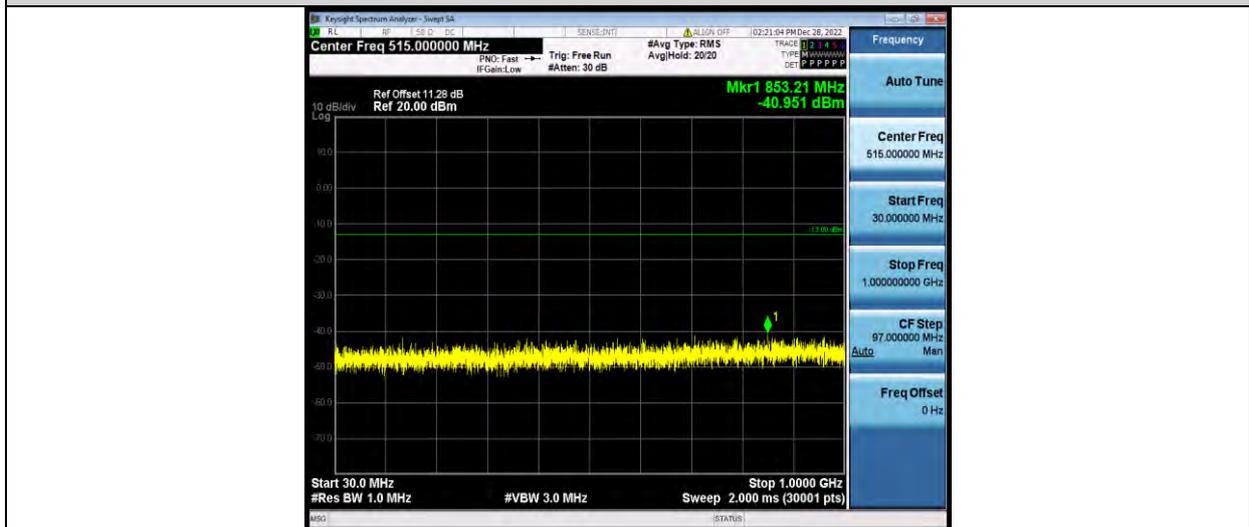
Test Report No.: W7L-221220W001RF03



Band4-1413-1000~20000MHz



Band4-1513-30~1000MHz

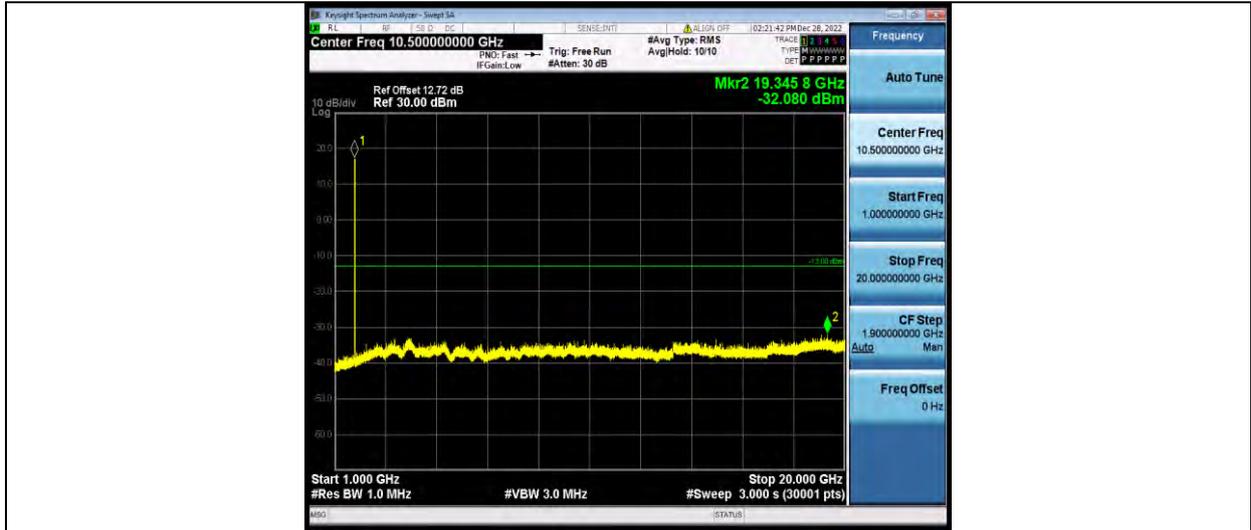


Band4-1513-1000~20000MHz



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03





BUREAU
VERITAS

Test Report No.: W7L-221220W001RF03

FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VL	NT	-0.07	-0.000041	±2.5	PASS
Band4	1312	VN	NT	-0.51	-0.000298	±2.5	PASS
Band4	1312	VH	NT	0.22	0.000128	±2.5	PASS
Band4	1413	VL	NT	0.32	0.000185	±2.5	PASS
Band4	1413	VN	NT	0.99	0.000571	±2.5	PASS
Band4	1413	VH	NT	0.06	0.000035	±2.5	PASS
Band4	1513	VL	NT	-0.06	-0.000034	±2.5	PASS
Band4	1513	VN	NT	0.36	0.000205	±2.5	PASS
Band4	1513	VH	NT	0.44	0.000251	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	1.61	0.000940	±2.5	PASS
Band4	1312	NV	-20	-0.19	-0.000111	±2.5	PASS
Band4	1312	NV	-10	-1.12	-0.000654	±2.5	PASS
Band4	1312	NV	0	-0.92	-0.000537	±2.5	PASS
Band4	1312	NV	10	-0.82	-0.000479	±2.5	PASS
Band4	1312	NV	20	-1.47	-0.000858	±2.5	PASS
Band4	1312	NV	30	-1.05	-0.000613	±2.5	PASS
Band4	1312	NV	40	-0.45	-0.000263	±2.5	PASS
Band4	1312	NV	50	-0.54	-0.000315	±2.5	PASS
Band4	1413	NV	-30	0.44	0.000254	±2.5	PASS
Band4	1413	NV	-20	2.19	0.001264	±2.5	PASS
Band4	1413	NV	-10	0.66	0.000381	±2.5	PASS
Band4	1413	NV	0	1.83	0.001056	±2.5	PASS
Band4	1413	NV	10	0.32	0.000185	±2.5	PASS
Band4	1413	NV	20	-1.34	-0.000773	±2.5	PASS
Band4	1413	NV	30	2.12	0.001224	±2.5	PASS
Band4	1413	NV	40	0.90	0.000519	±2.5	PASS
Band4	1413	NV	50	0.19	0.000110	±2.5	PASS
Band4	1513	NV	-30	-3.55	-0.002026	±2.5	PASS
Band4	1513	NV	-20	-4.13	-0.002356	±2.5	PASS
Band4	1513	NV	-10	-5.27	-0.003007	±2.5	PASS
Band4	1513	NV	0	-6.25	-0.003566	±2.5	PASS
Band4	1513	NV	10	-1.92	-0.001096	±2.5	PASS
Band4	1513	NV	20	-3.77	-0.002151	±2.5	PASS
Band4	1513	NV	30	-3.06	-0.001746	±2.5	PASS
Band4	1513	NV	40	-2.56	-0.001461	±2.5	PASS
Band4	1513	NV	50	-2.57	-0.001466	±2.5	PASS



Test Report No.: W7L-221220W001RF03

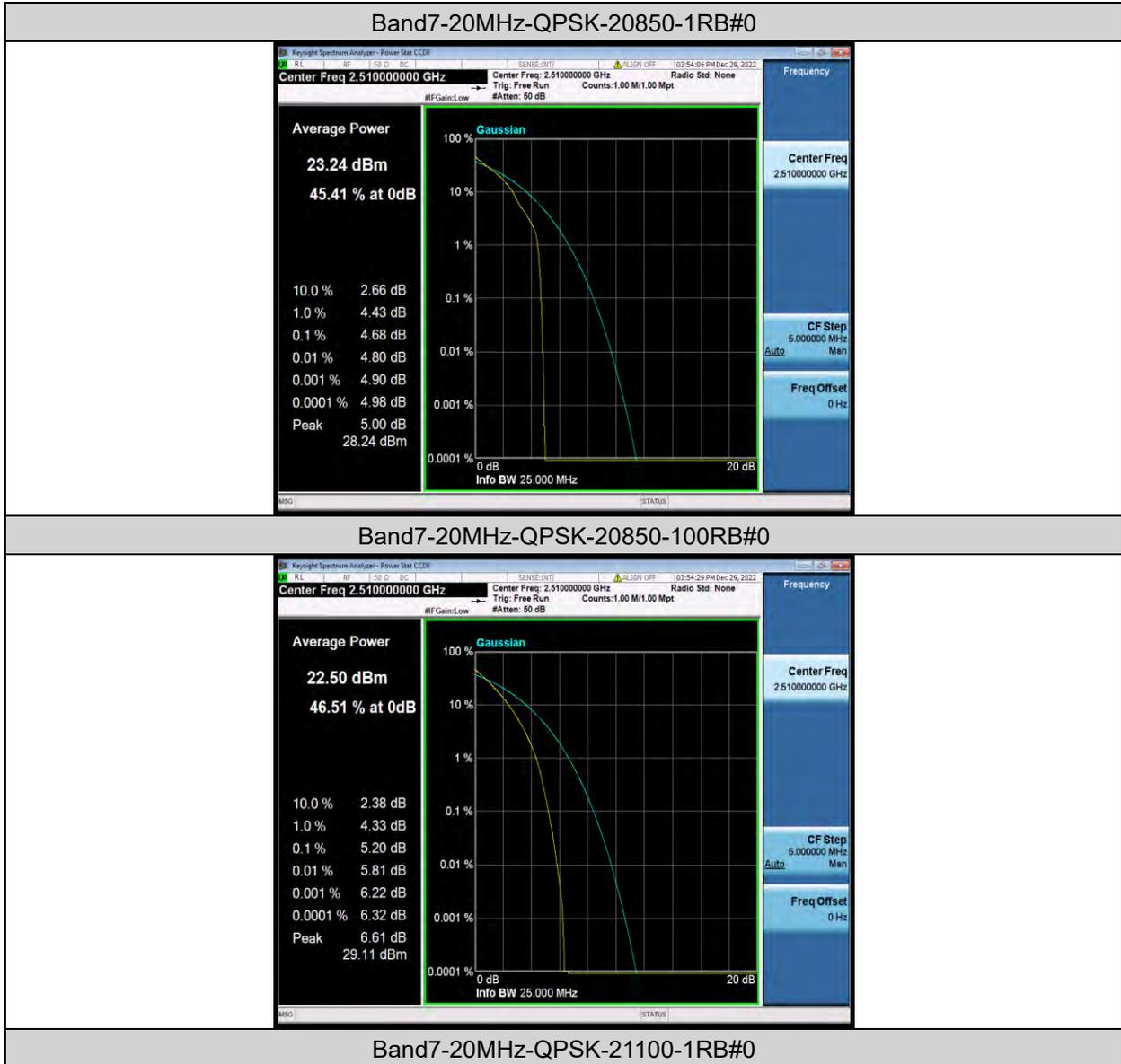
LTE BAND 7

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	1RB#0	4.68	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.20	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.69	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.29	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.73	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.24	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.62	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.06	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.58	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.12	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.48	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.10	13	PASS

Test Graphs





BUREAU VERITAS

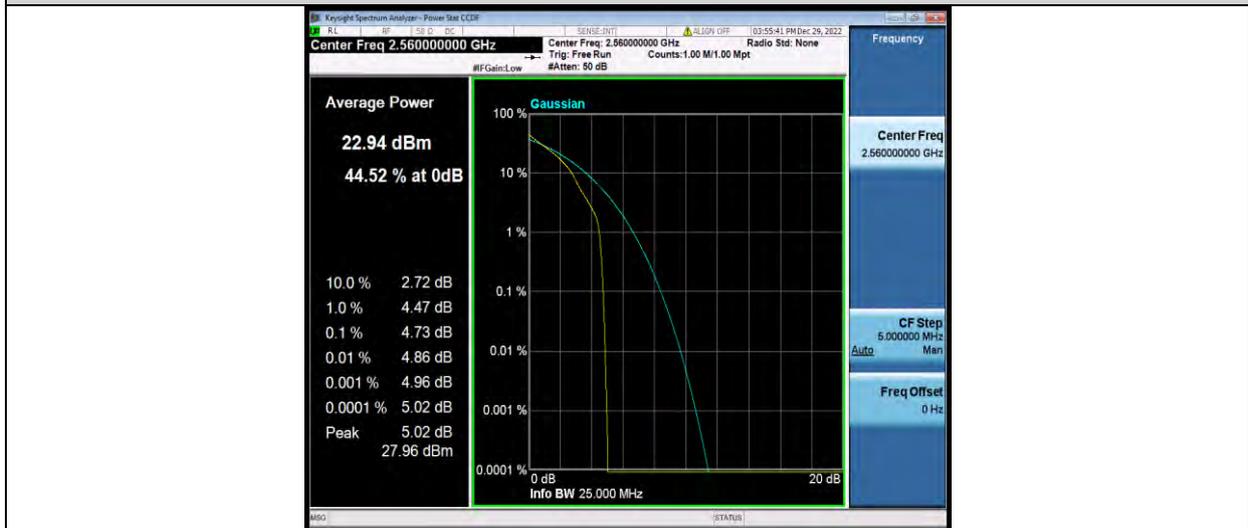
Test Report No.: W7L-221220W001RF03



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



Band7-20MHz-QPSK-21350-1RB#0

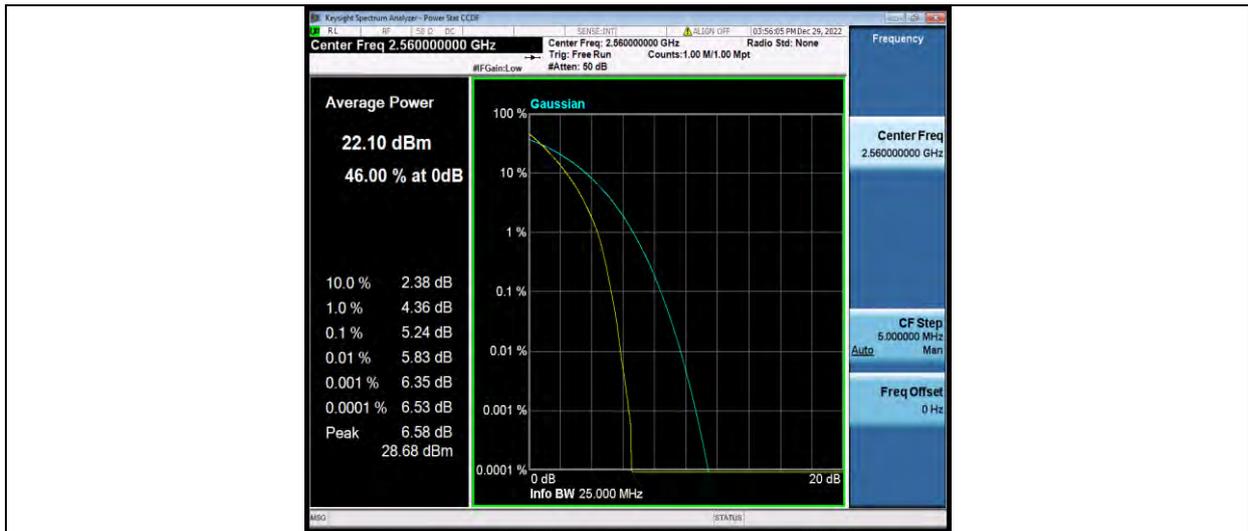


Band7-20MHz-QPSK-21350-100RB#0

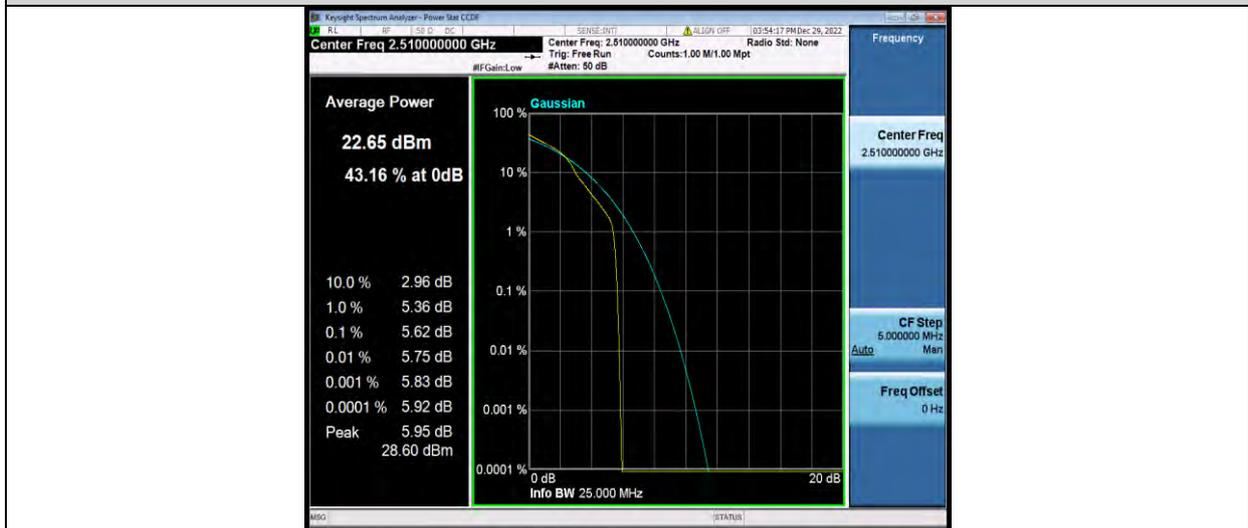


BUREAU VERITAS

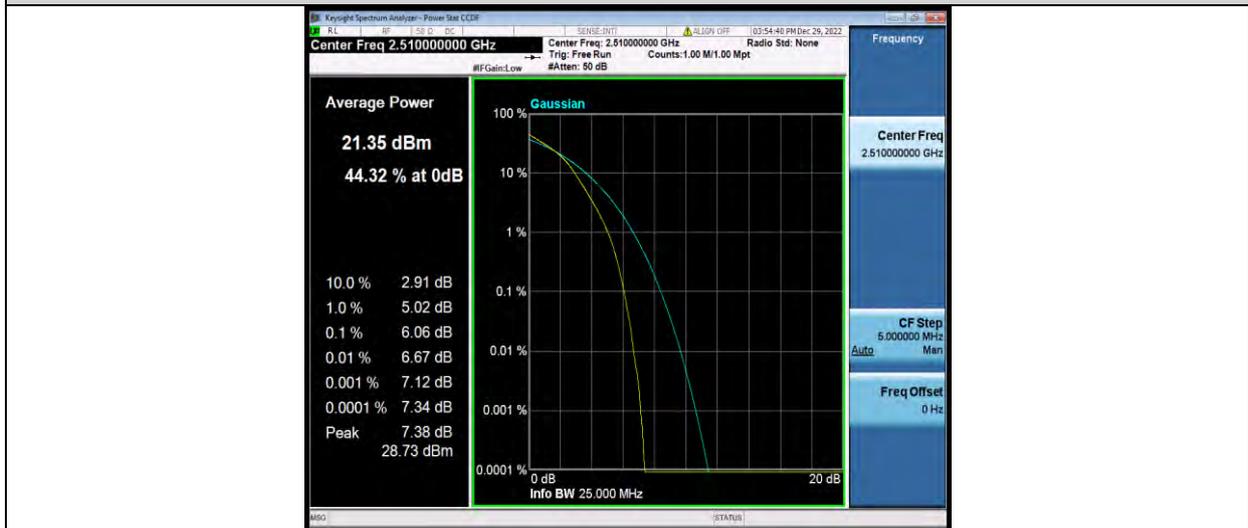
Test Report No.: W7L-221220W001RF03



Band7-20MHz-16QAM-20850-1RB#0



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

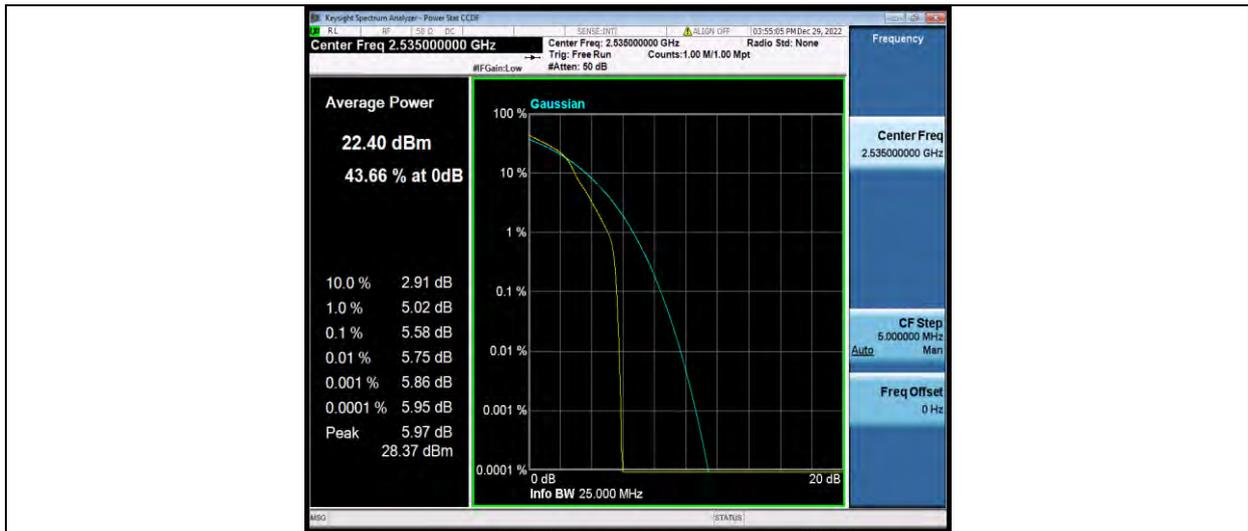


Band7-20MHz-16QAM-21100-1RB#0

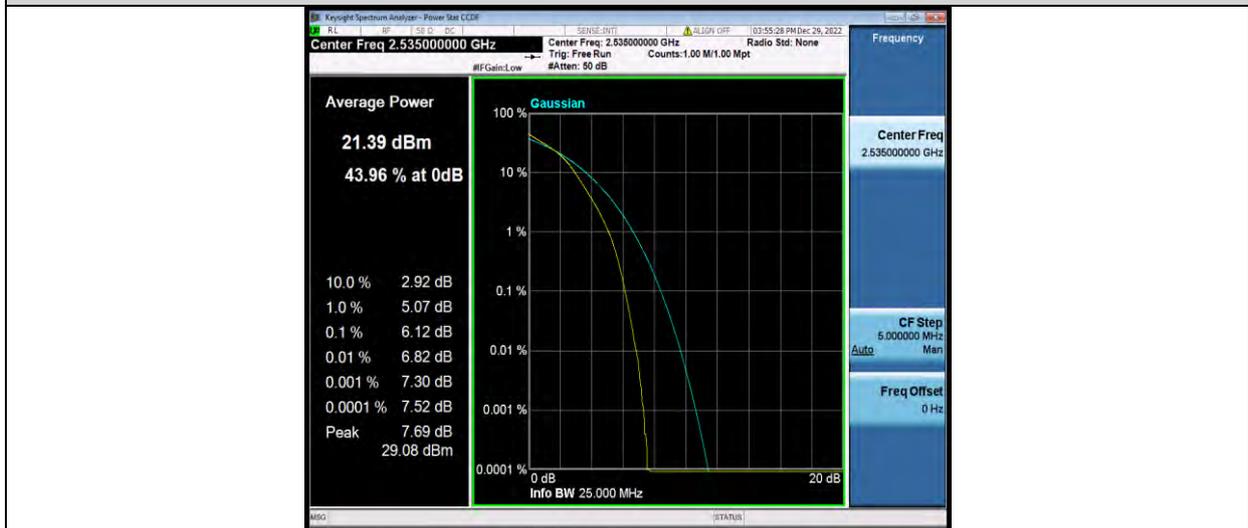


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VERITAS

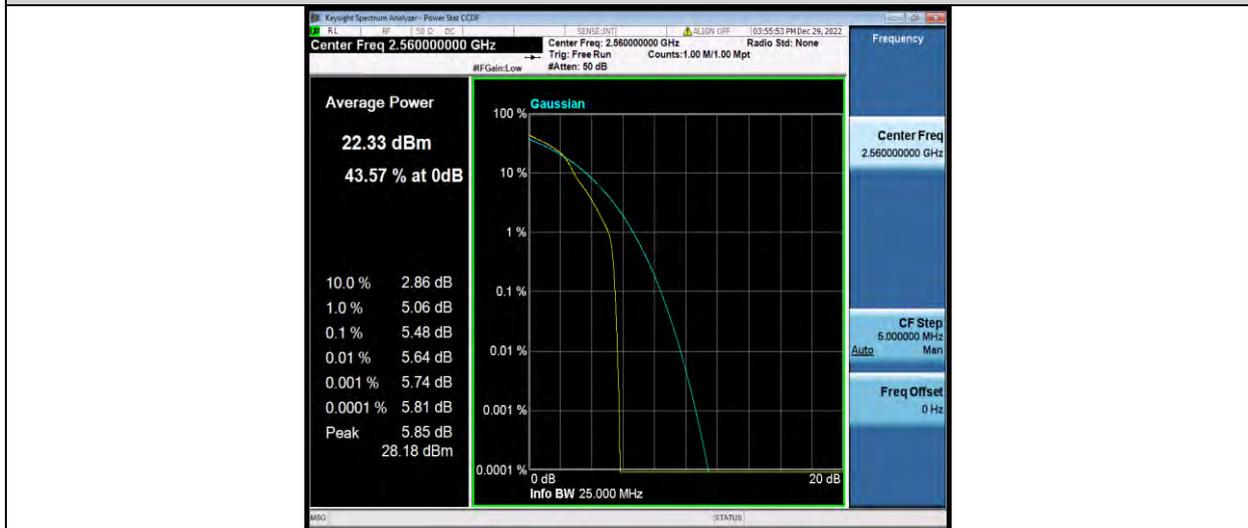
Test Report No.: W7L-221220W001RF03



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



Band7-20MHz-16QAM-21350-1RB#0

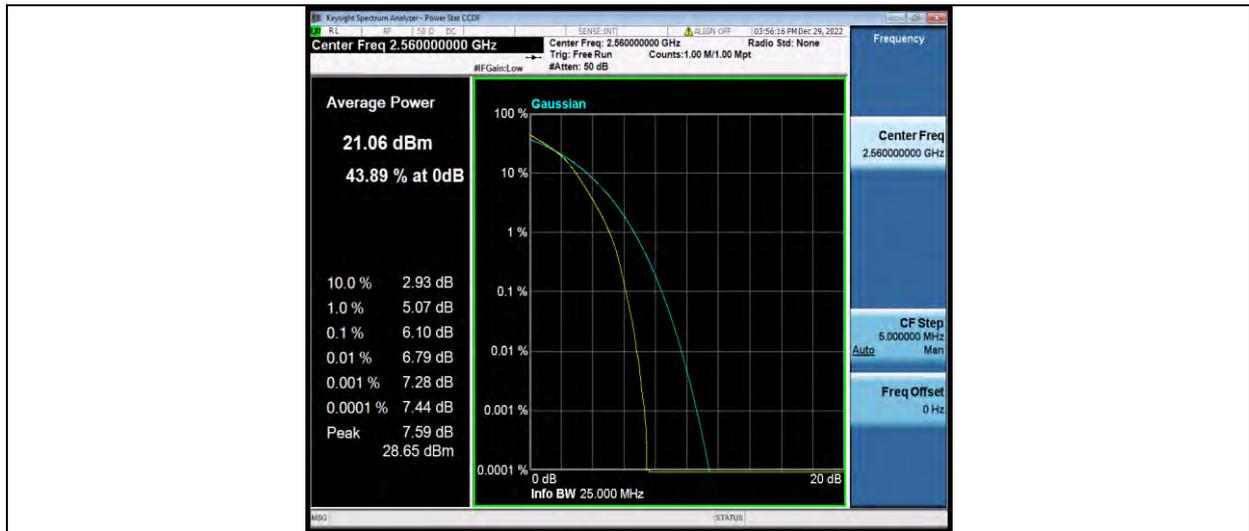


Band7-20MHz-16QAM-21350-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-221220W001RF03





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5016	4.898	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4981	4.872	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5059	4.843	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4998	4.833	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4981	4.909	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5022	4.887	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9693	9.540	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9628	9.539	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9607	9.551	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9501	9.548	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9607	9.525	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9517	9.507	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.446	14.27	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.439	14.23	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.436	14.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.427	14.27	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.443	14.28	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.440	14.25	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.894	18.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.898	18.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.877	18.95	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.882	18.95	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.911	18.99	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.891	18.95	PASS

Test Graphs





BUREAU VERITAS

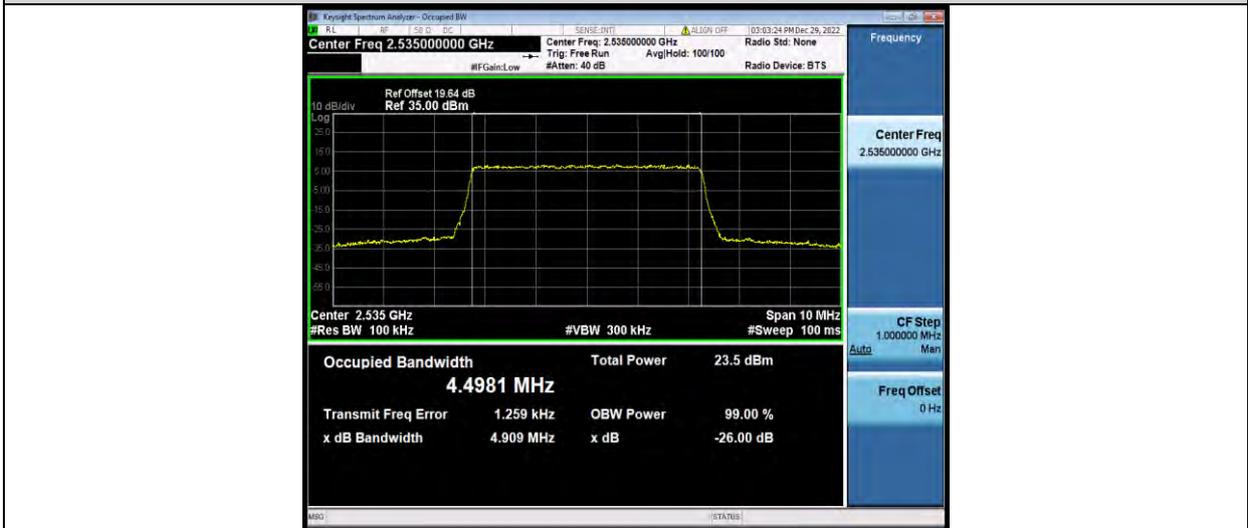
Test Report No.: W7L-221220W001RF03



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



Band7-5MHz-16QAM-21100-25RB#0



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



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



Band7-10MHz-QPSK-21100-50RB#0



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



BUREAU VERITAS

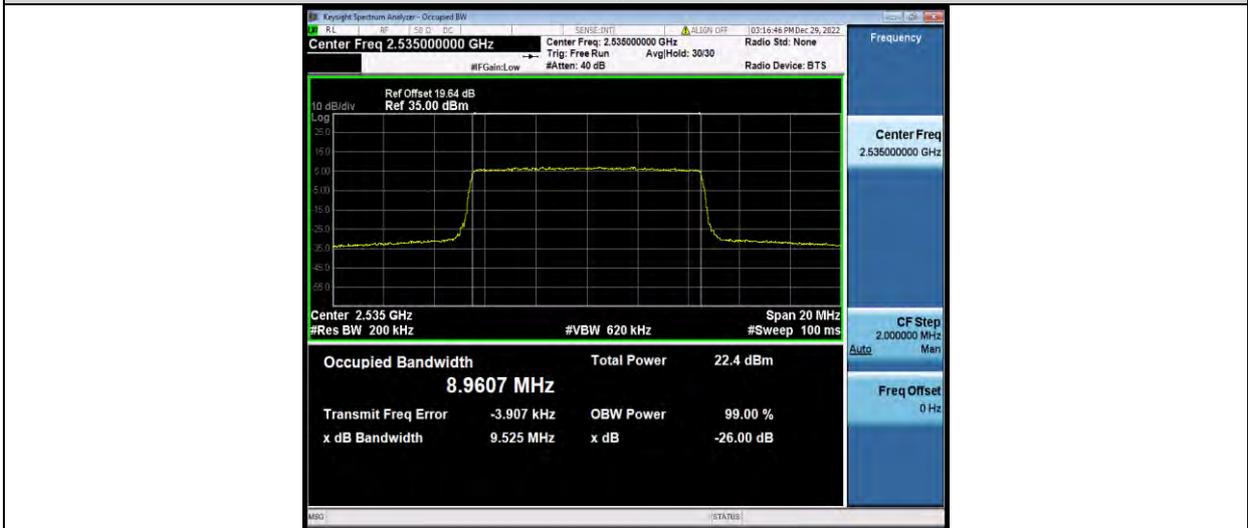
Test Report No.: W7L-221220W001RF03



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



Band7-10MHz-16QAM-21100-50RB#0



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



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



Band7-15MHz-QPSK-21100-75RB#0



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



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



Band7-15MHz-16QAM-21100-75RB#0



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



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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



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



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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



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



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VERITAS

Test Report No.: W7L-221220W001RF03

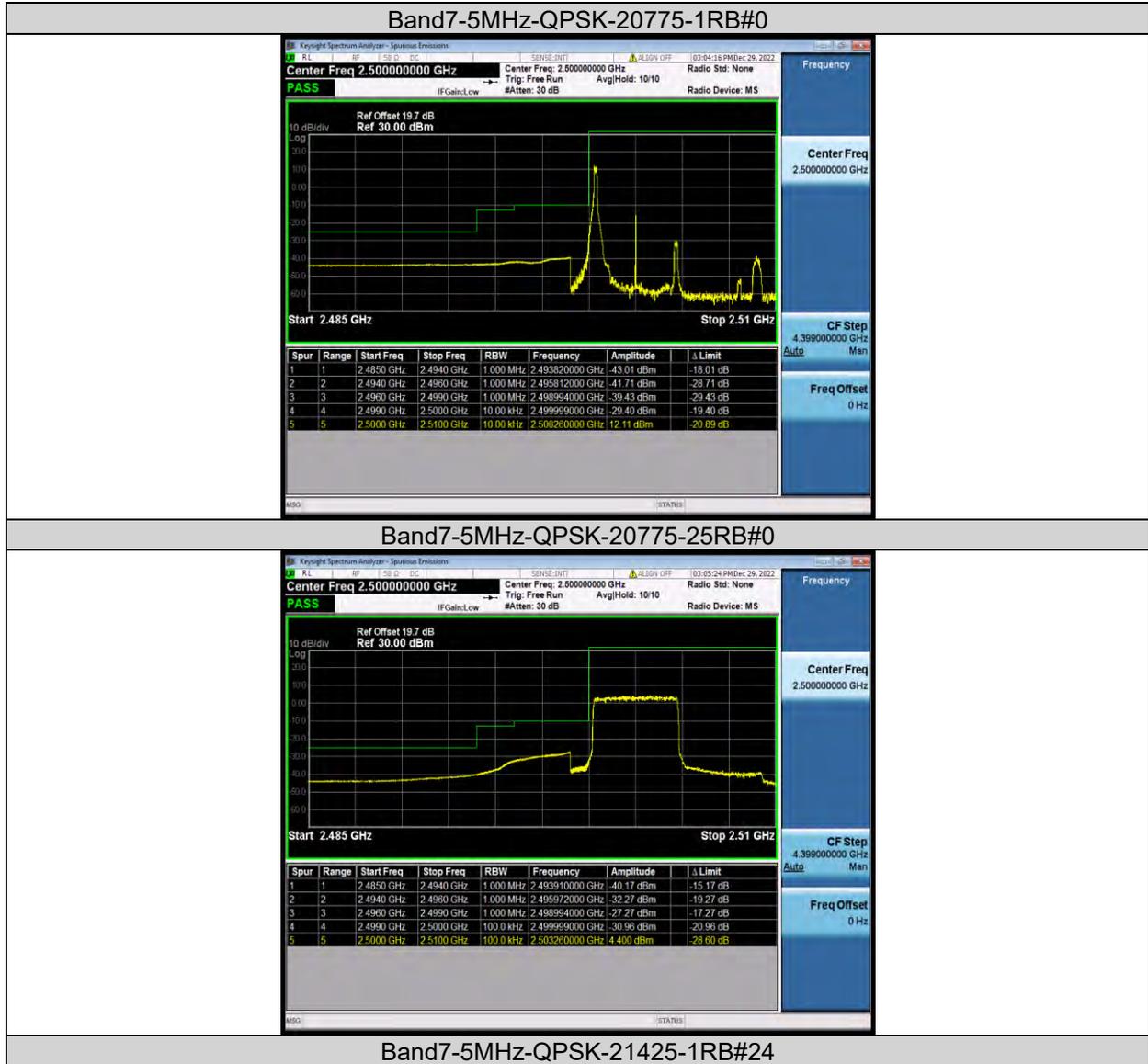


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-43.01,-41.71,-39.43,-29.40	PASS
Band7	5MHz	QPSK	20775	25RB#0	-40.17,-32.27,-27.27,-30.96	PASS
Band7	5MHz	QPSK	21425	1RB#24	-31.33,-39.12,-42.76,-43.16	PASS
Band7	5MHz	QPSK	21425	25RB#0	-29.70,-24.45,-36.08,-39.28	PASS
Band7	5MHz	16QAM	20775	1RB#0	-43.24,-42.05,-39.75,-31.03	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.48,-35.39,-26.39,-32.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	-32.16,-39.71,-42.89,-43.28	PASS
Band7	5MHz	16QAM	21425	25RB#0	-31.09,-24.51,-37.64,-39.81	PASS
Band7	10MHz	QPSK	20800	1RB#0	-43.32,-41.50,-39.67,-41.90	PASS
Band7	10MHz	QPSK	20800	50RB#0	-39.98,-33.56,-30.08,-31.46	PASS
Band7	10MHz	QPSK	21400	1RB#49	-43.45,-40.09,-41.45,-43.34	PASS
Band7	10MHz	QPSK	21400	50RB#0	-29.30,-27.06,-31.55,-38.59	PASS
Band7	10MHz	16QAM	20800	1RB#0	-43.50,-41.86,-40.01,-43.44	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.88,-33.61,-30.10,-32.03	PASS
Band7	10MHz	16QAM	21400	1RB#49	-43.83,-40.43,-41.97,-43.38	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.30,-27.52,-32.23,-39.90	PASS
Band7	15MHz	QPSK	20825	1RB#0	-42.54,-41.93,-40.33,-41.39	PASS
Band7	15MHz	QPSK	20825	75RB#0	-37.24,-34.78,-30.56,-34.71	PASS
Band7	15MHz	QPSK	21375	1RB#74	-43.53,-40.33,-41.93,-43.60	PASS
Band7	15MHz	QPSK	21375	75RB#0	-32.91,-28.18,-33.12,-39.32	PASS
Band7	15MHz	16QAM	20825	1RB#0	-42.73,-42.05,-40.67,-42.09	PASS
Band7	15MHz	16QAM	20825	75RB#0	-38.93,-34.40,-31.25,-35.10	PASS
Band7	15MHz	16QAM	21375	1RB#74	-42.13,-40.66,-42.02,-43.66	PASS
Band7	15MHz	16QAM	21375	75RB#0	-33.34,-28.98,-32.92,-40.41	PASS
Band7	20MHz	QPSK	20850	1RB#0	-42.85,-42.60,-40.82,-46.18	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.26,-34.69,-31.16,-34.44	PASS
Band7	20MHz	QPSK	21350	1RB#99	-46.27,-40.80,-42.44,-43.67	PASS
Band7	20MHz	QPSK	21350	100RB#0	-33.76,-30.38,-33.90,-42.82	PASS
Band7	20MHz	16QAM	20850	1RB#0	-42.91,-42.73,-40.98,-46.79	PASS
Band7	20MHz	16QAM	20850	100RB#0	-38.11,-34.95,-32.40,-35.64	PASS
Band7	20MHz	16QAM	21350	1RB#99	-45.48,-40.79,-42.59,-43.56	PASS
Band7	20MHz	16QAM	21350	100RB#0	-35.02,-31.18,-33.68,-43.10	PASS

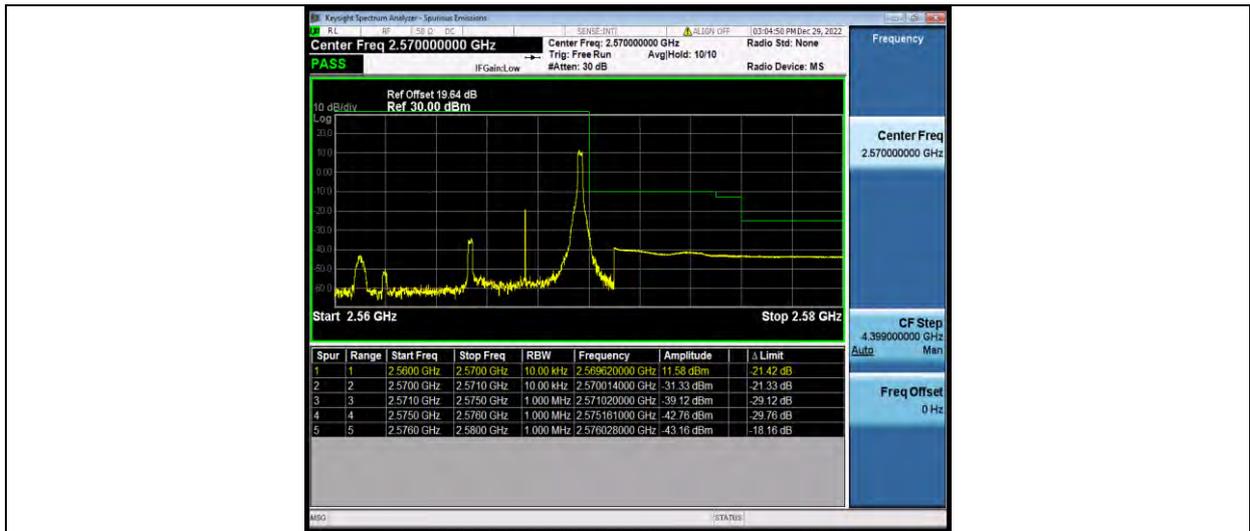
Test Graphs





BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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



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

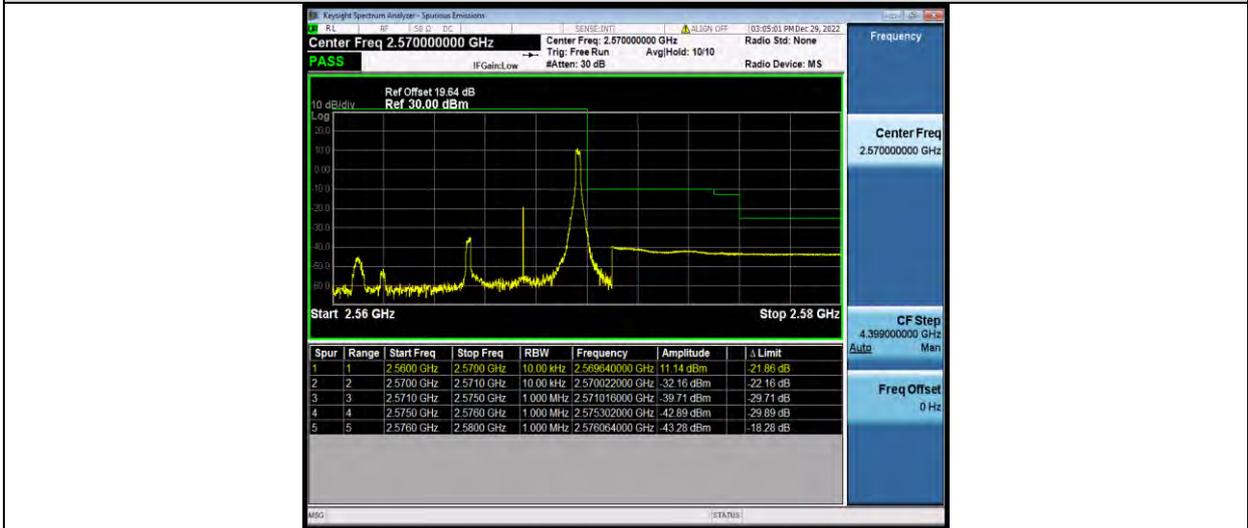


BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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

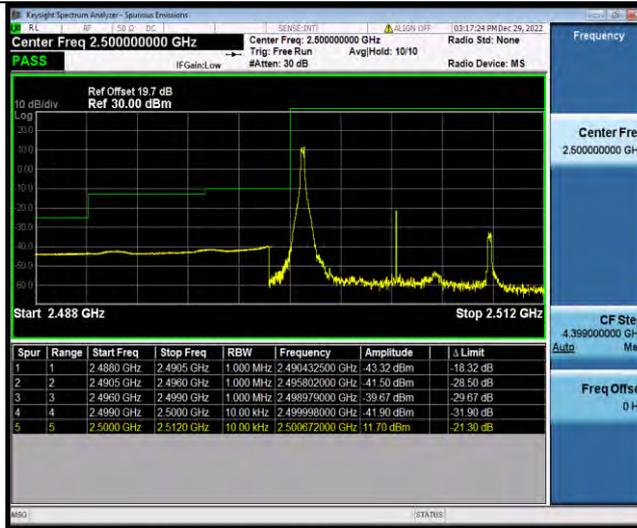


Band7-10MHz-QPSK-20800-1RB#0

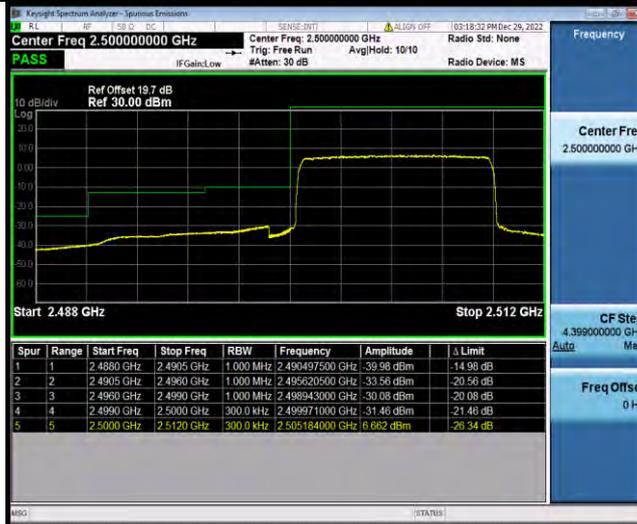


BUREAU VERITAS

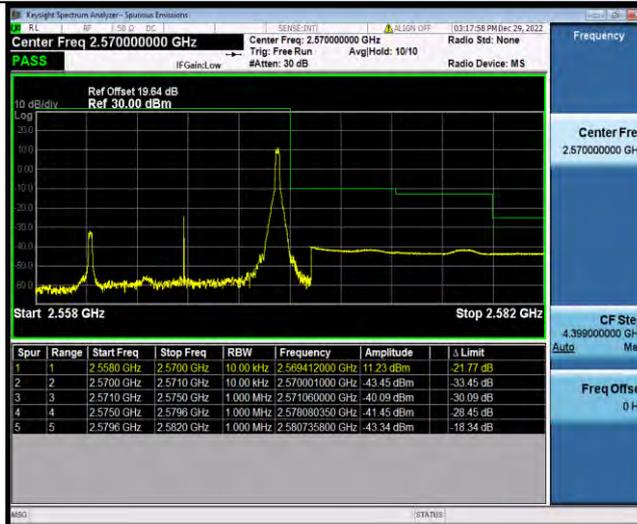
Test Report No.: W7L-221220W001RF03



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



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



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

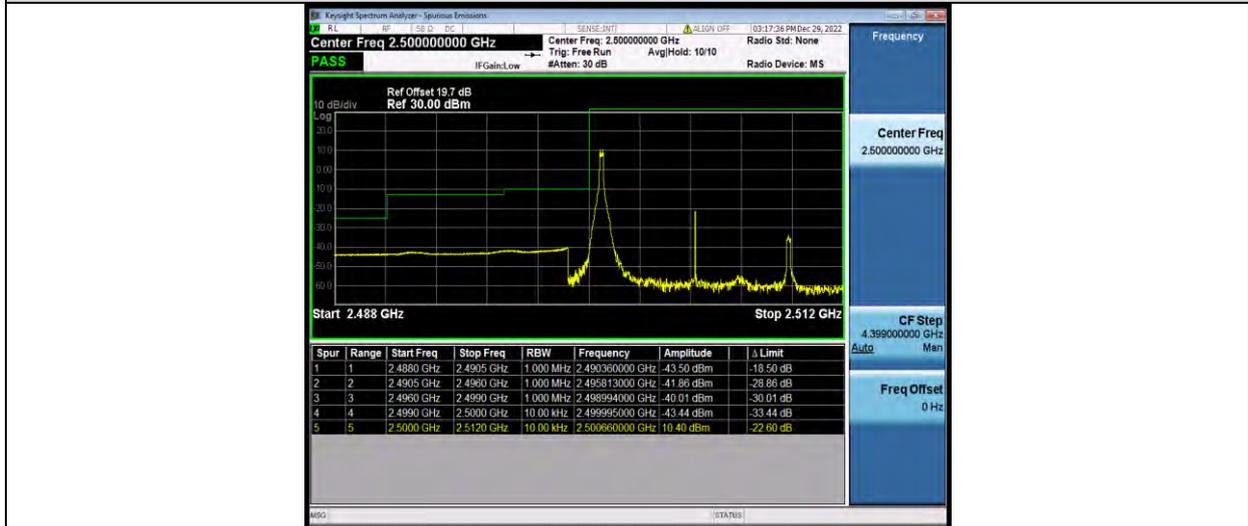


BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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

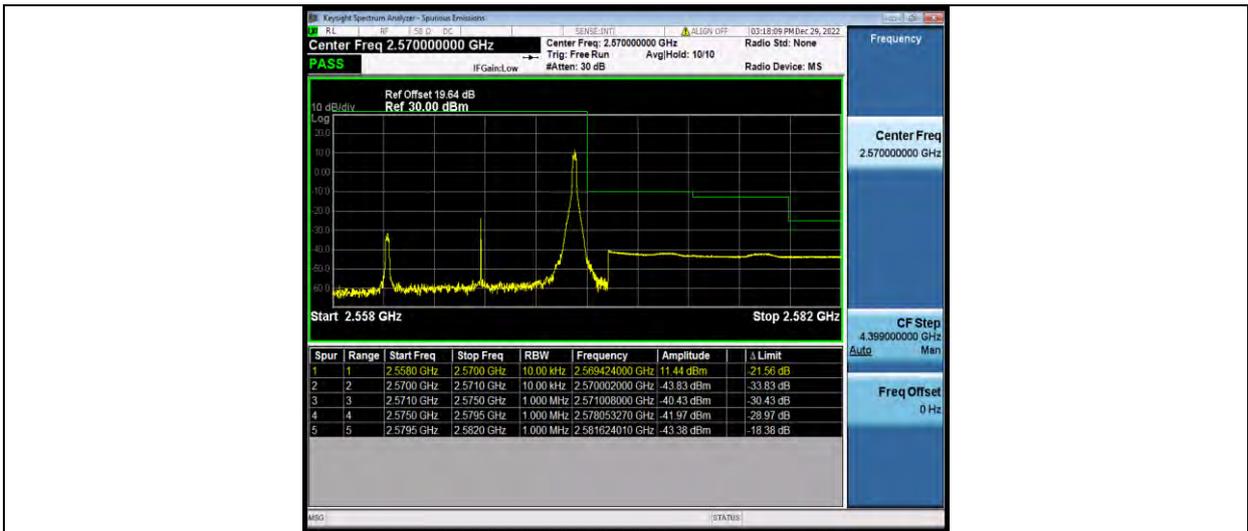


Band7-10MHz-16QAM-21400-1RB#49



BUREAU VERITAS

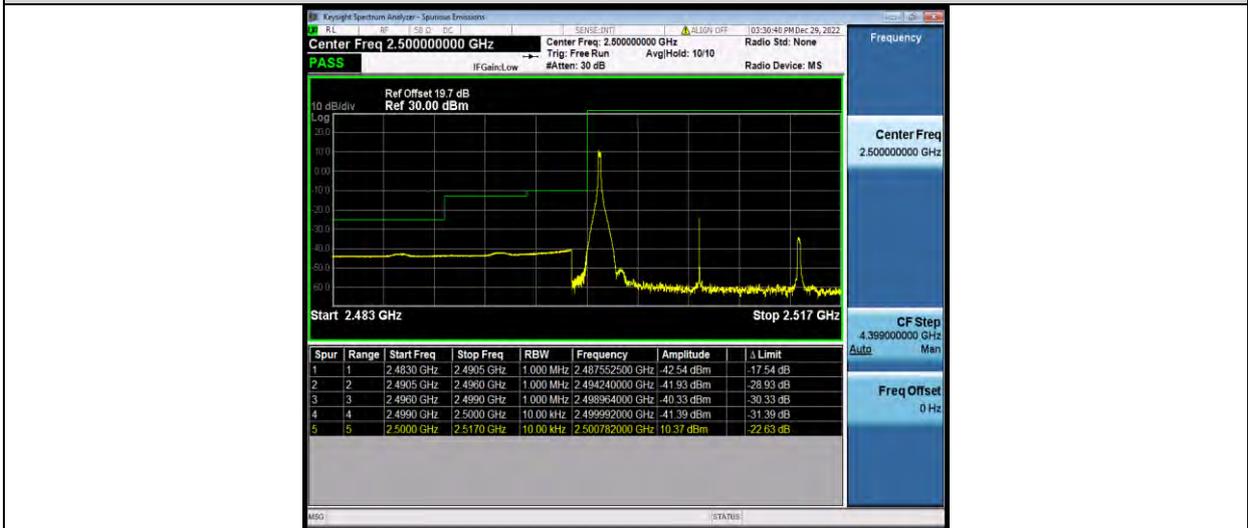
Test Report No.: W7L-221220W001RF03



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



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



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

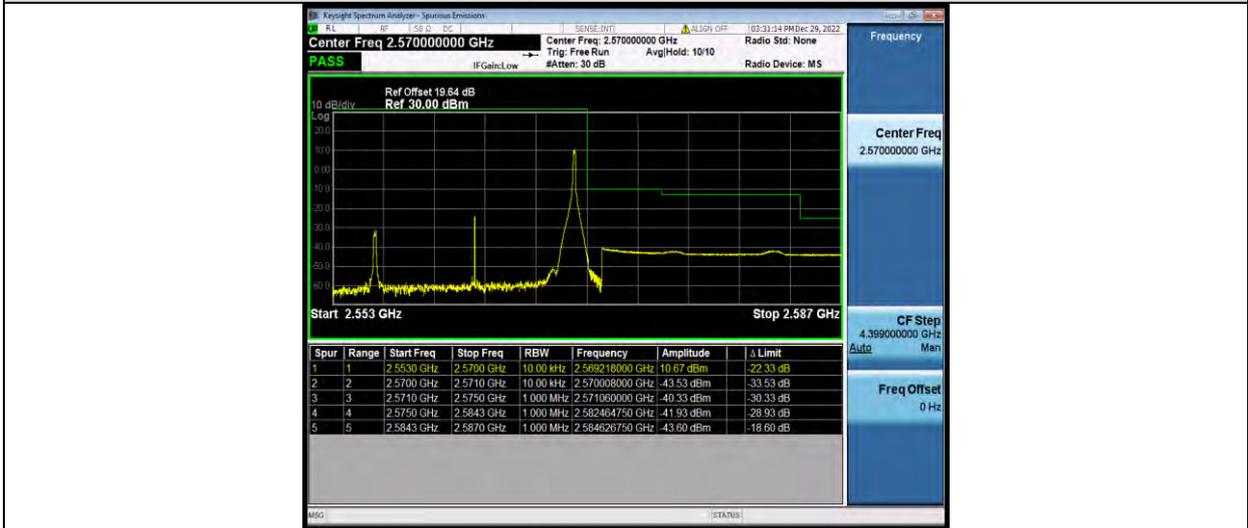


BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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

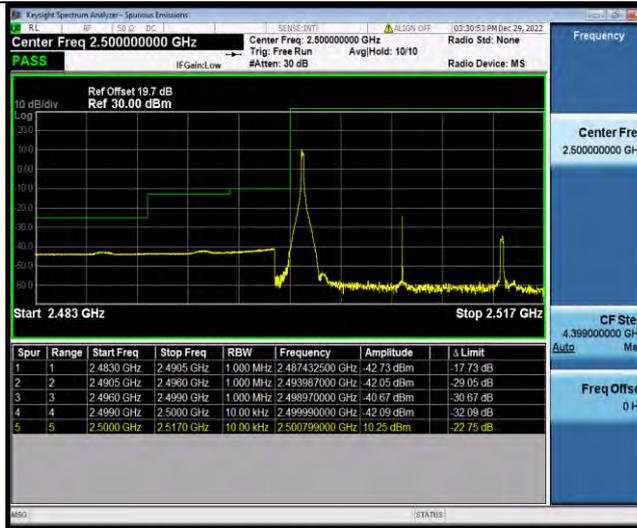


Band7-15MHz-16QAM-20825-1RB#0



BUREAU VERITAS

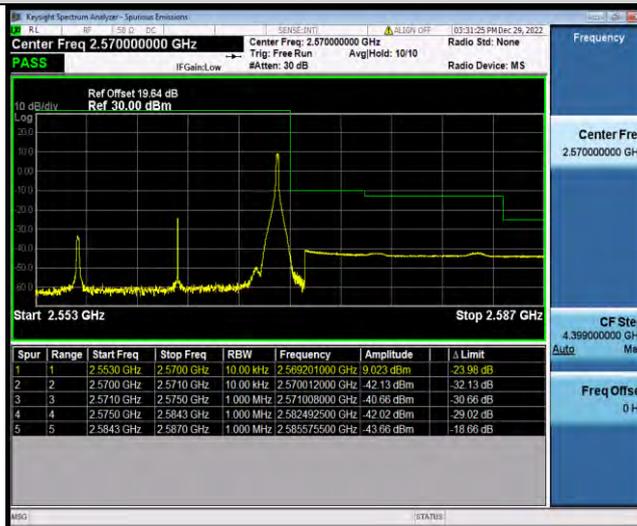
Test Report No.: W7L-221220W001RF03



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



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



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

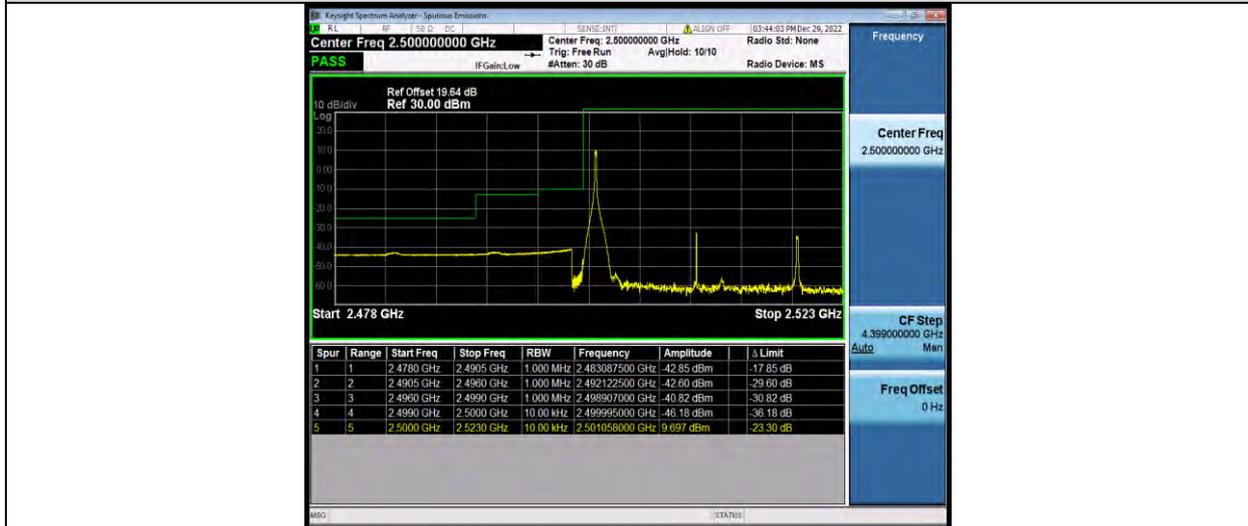


BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



Band7-20MHz-QPSK-20850-1RB#0



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



Band7-20MHz-QPSK-21350-1RB#99



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



Band7-20MHz-16QAM-20850-1RB#0



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



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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





CONDUCTED SPURIOUS EMISSION

Test Result

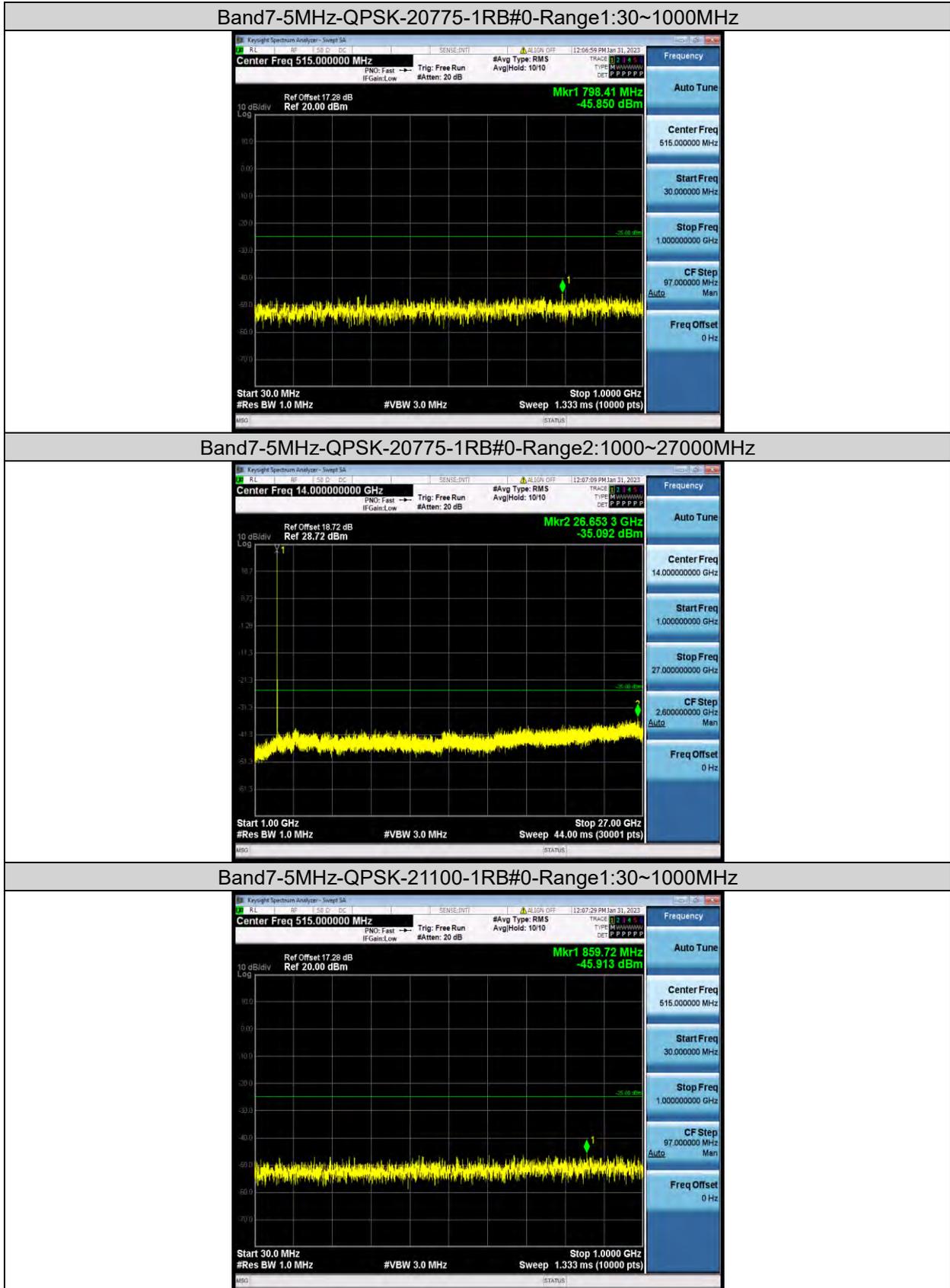
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-45.85	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-35.09	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-45.91	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.08	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-44.97	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-34.54	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-35.4	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-25.37	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-33.26	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-25.04	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-34.55	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-25.43	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-44.96	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-35.4	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-44.85	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-45.7	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-36.04	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-45.11	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-35.5	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-45.4	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-34.92	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-45.21	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-34.45	PASS



BUREAU VERITAS

Test Report No.: W7L-221220W001RF03

Test Graphs





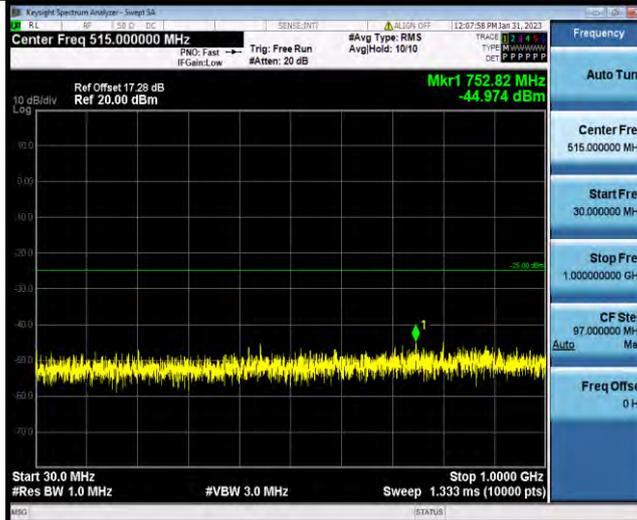
BUREAU VERITAS

Test Report No.: W7L-221220W001RF03

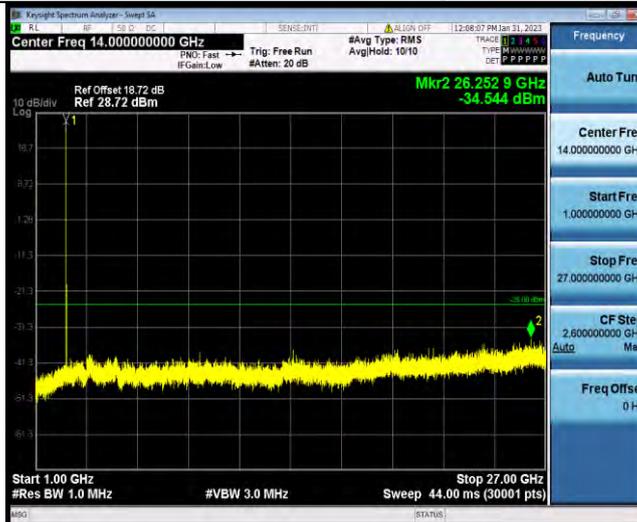
Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



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



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

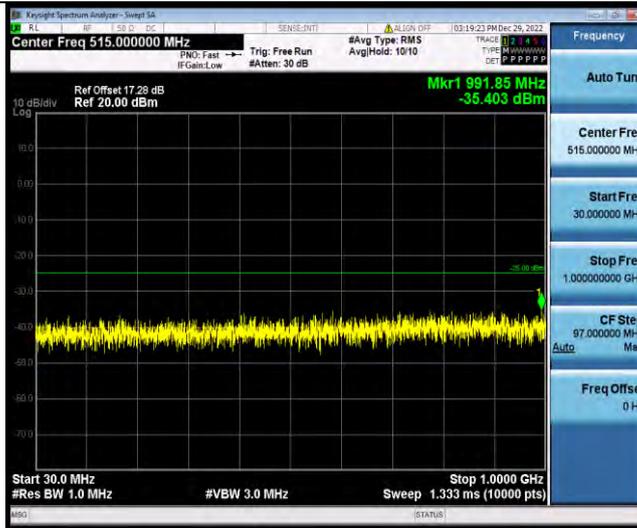


Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz

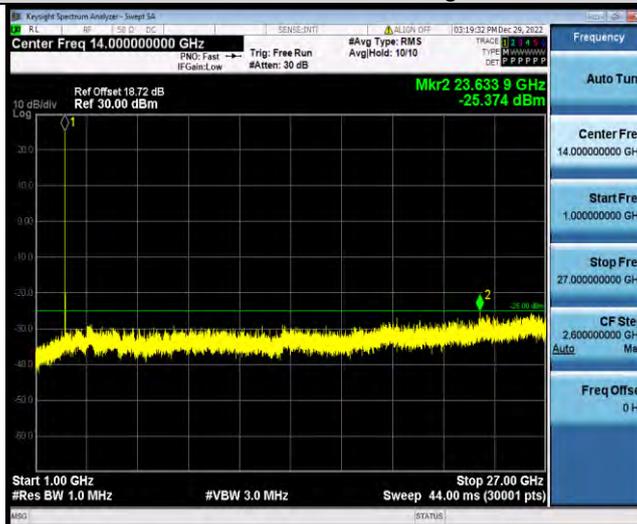


BUREAU VERITAS

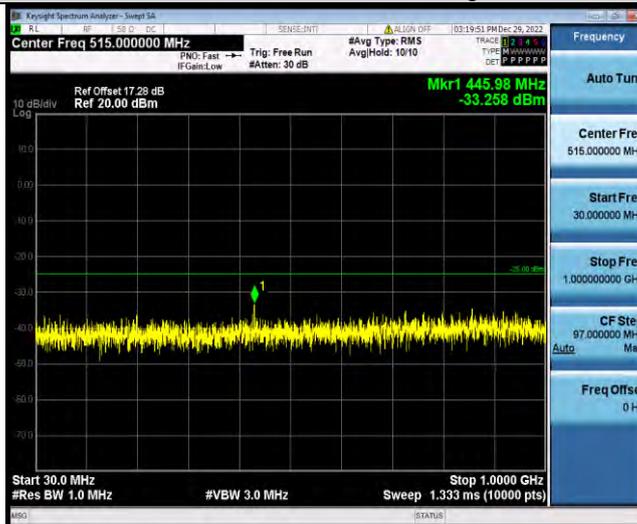
Test Report No.: W7L-221220W001RF03



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



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



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

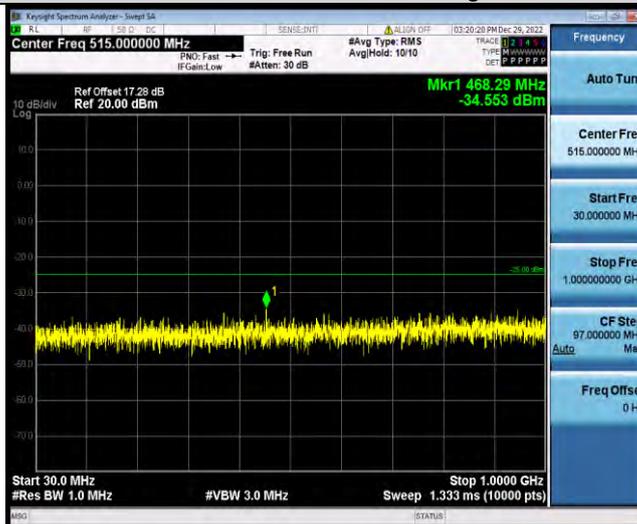


BUREAU VERITAS

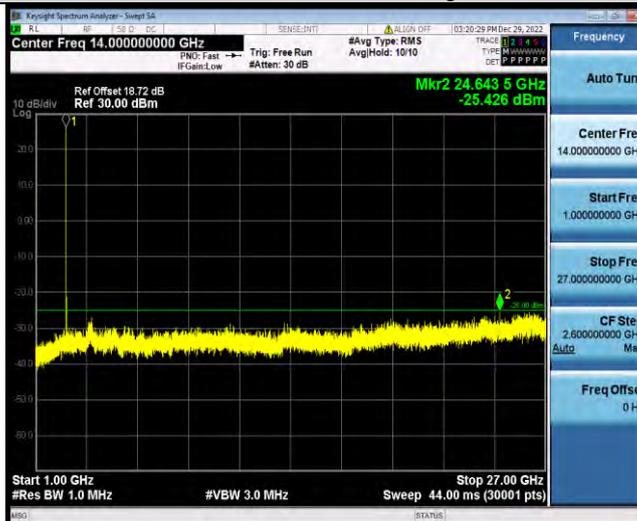
Test Report No.: W7L-221220W001RF03



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



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

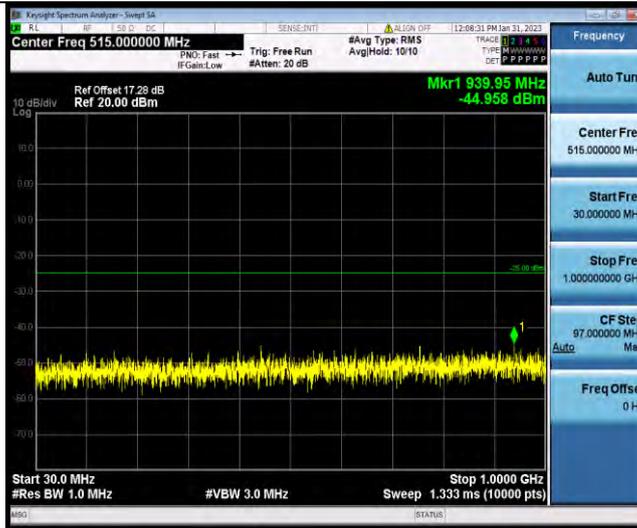


Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz

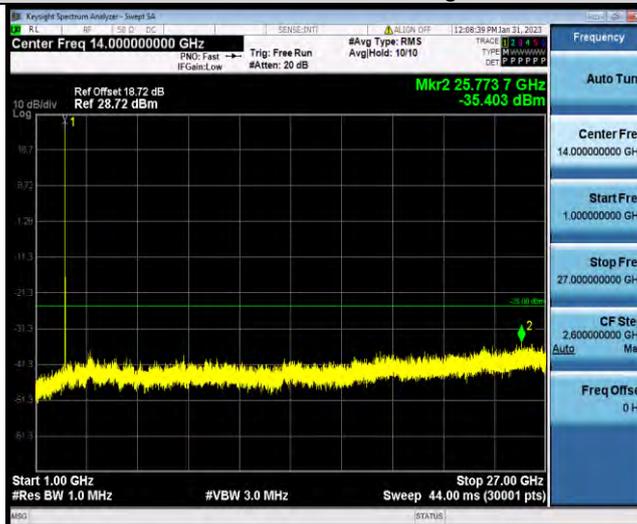


BUREAU VERITAS

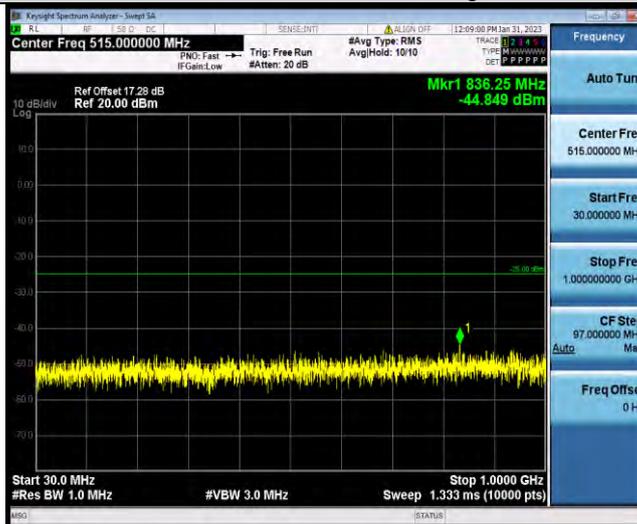
Test Report No.: W7L-221220W001RF03



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

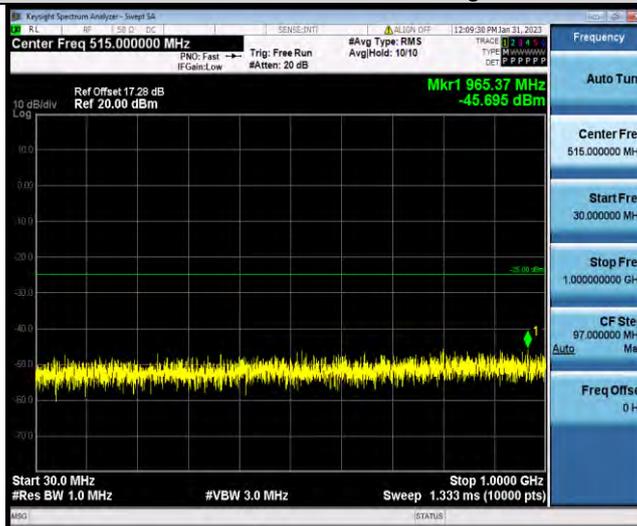


BUREAU VERITAS

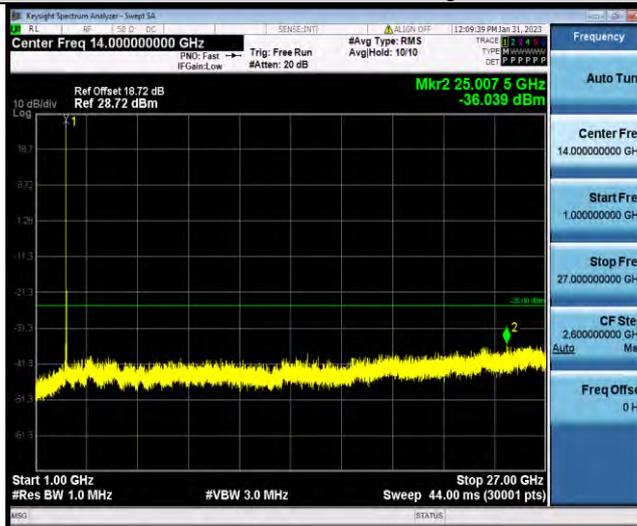
Test Report No.: W7L-221220W001RF03



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



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

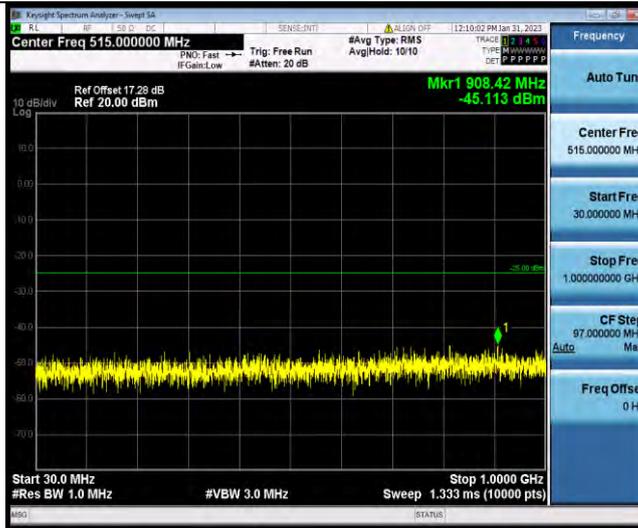


Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz

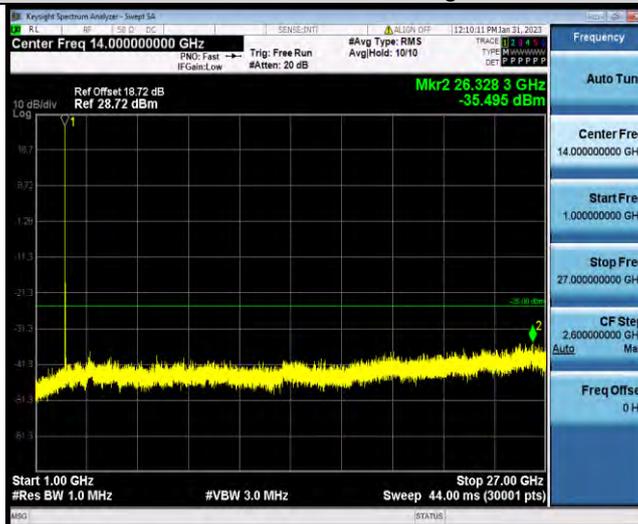


BUREAU VERITAS

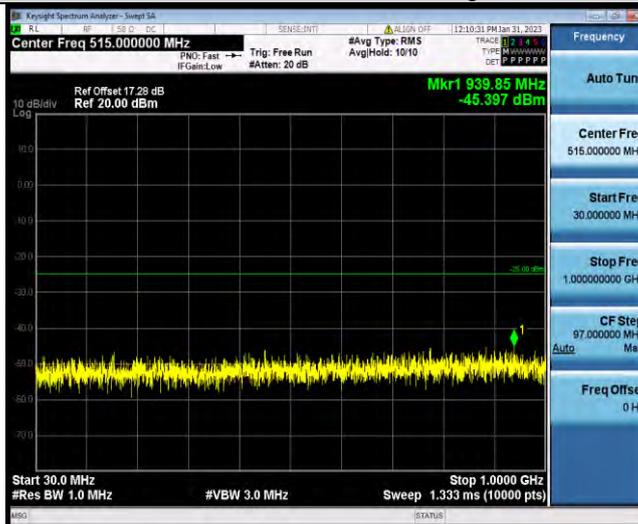
Test Report No.: W7L-221220W001RF03



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



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

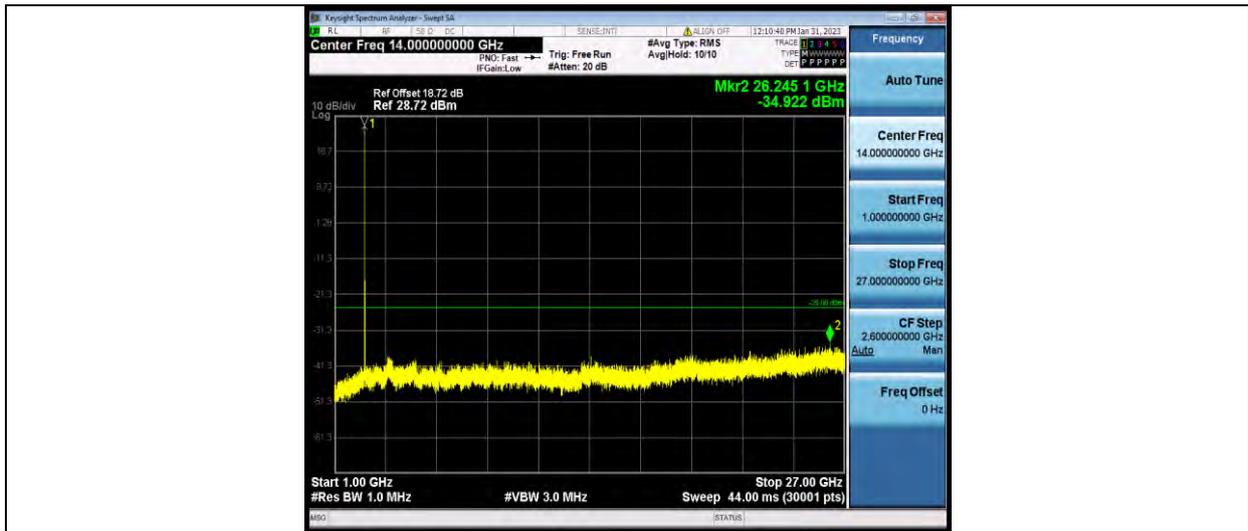


Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz

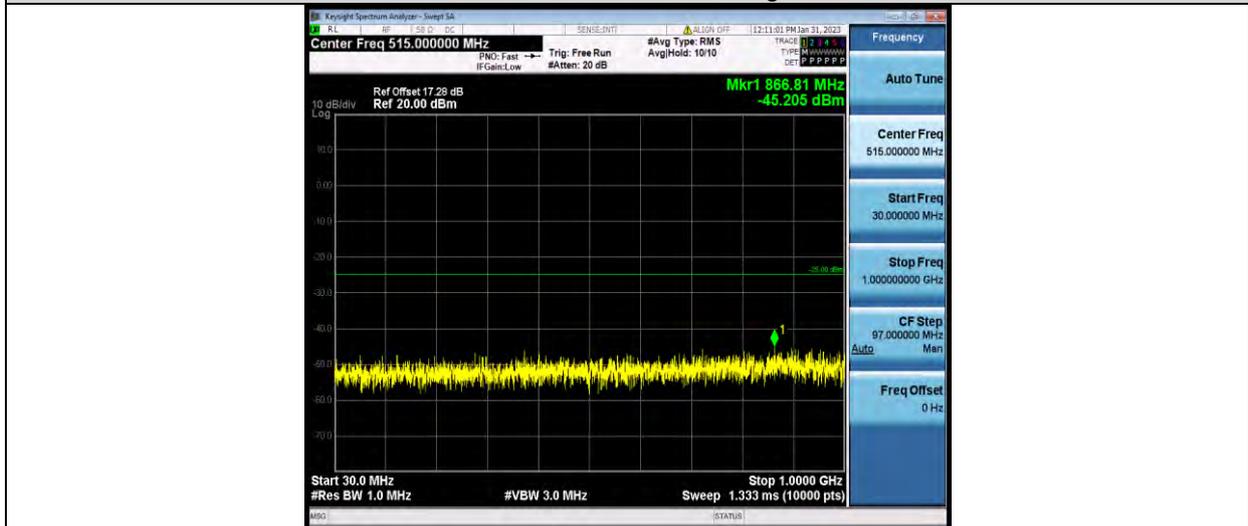


BUREAU VERITAS

Test Report No.: W7L-221220W001RF03



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



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





Test Report No.: W7L-221220W001RF03

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	51.51	0.020522	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	7.75	0.003088	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	6.28	0.002502	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-7.97	-0.003144	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-3.52	-0.001389	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-12.27	-0.004840	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-7.85	-0.003066	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	4.01	0.001566	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	5.36	0.002094	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	5.26	0.002096	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	6.81	0.002713	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	9.41	0.003749	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	4.05	0.001614	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	6.57	0.002618	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	7.17	0.002857	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	4.91	0.001956	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	7.94	0.003163	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	3.76	0.001498	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-9.77	-0.003854	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-8.70	-0.003432	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-8.11	-0.003199	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-7.81	-0.003081	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-7.58	-0.002990	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-5.14	-0.002028	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-7.62	-0.003006	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-8.31	-0.003278	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-8.31	-0.003278	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-3.78	-0.001477	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	5.87	0.002293	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	6.58	0.002570	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	2.23	0.000871	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	4.84	0.001891	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	9.11	0.003559	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	3.91	0.001527	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-4.32	-0.001688	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	5.24	0.002047	±2.5	PASS



Test Report No.: W7L-221220W001RF03

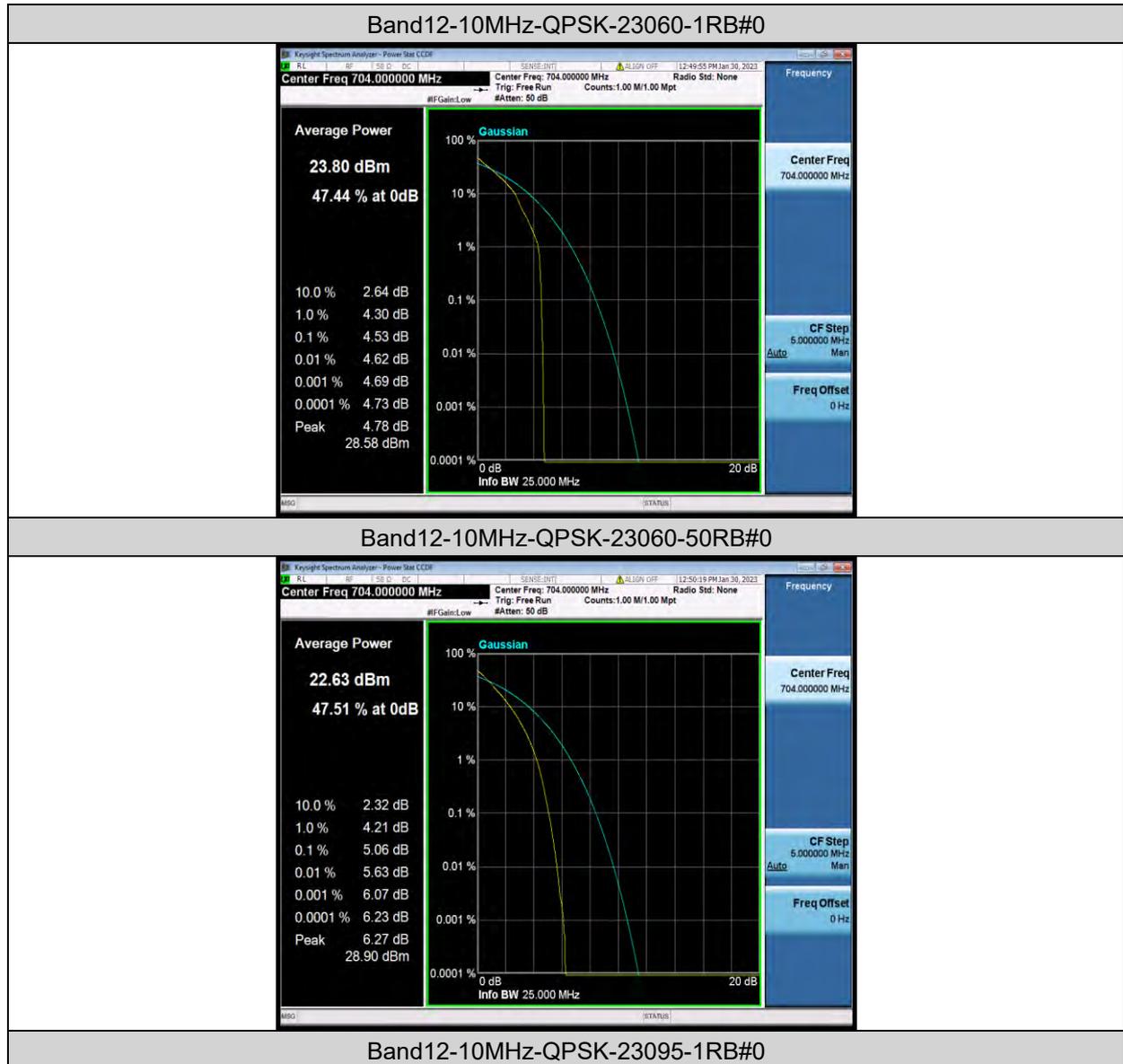
LTE BAND 12

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	4.53	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.06	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.27	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.13	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.52	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.97	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.38	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.83	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.16	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.96	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.27	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.80	13	PASS

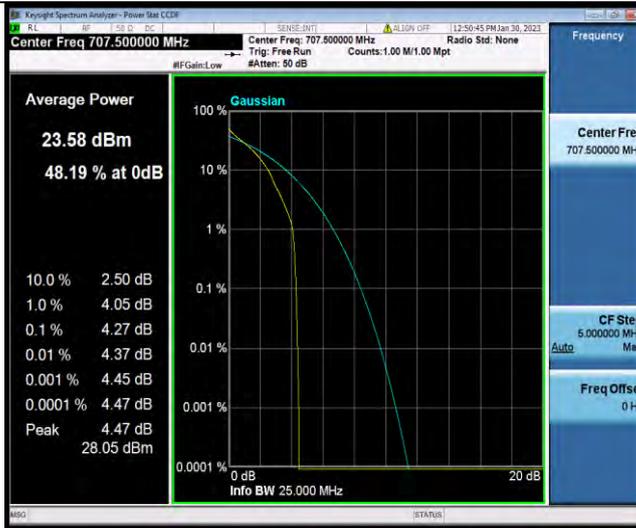
Test Graphs



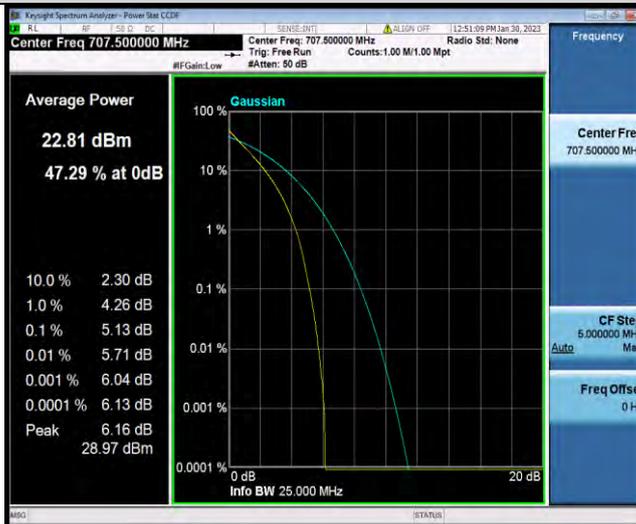


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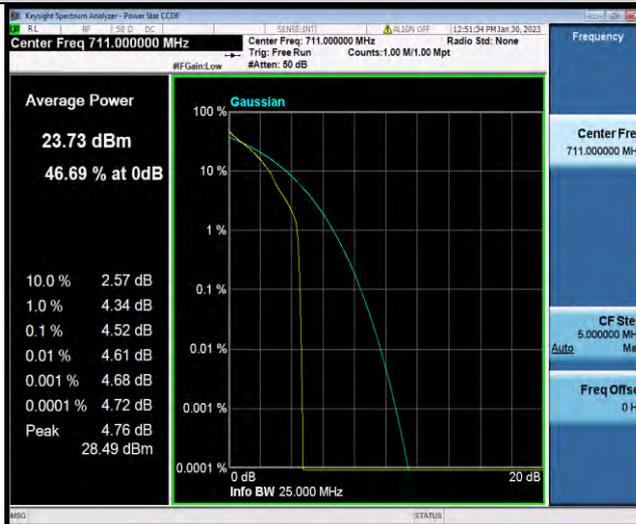
Test Report No.: W7L-221220W001RF03



Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-1RB#0

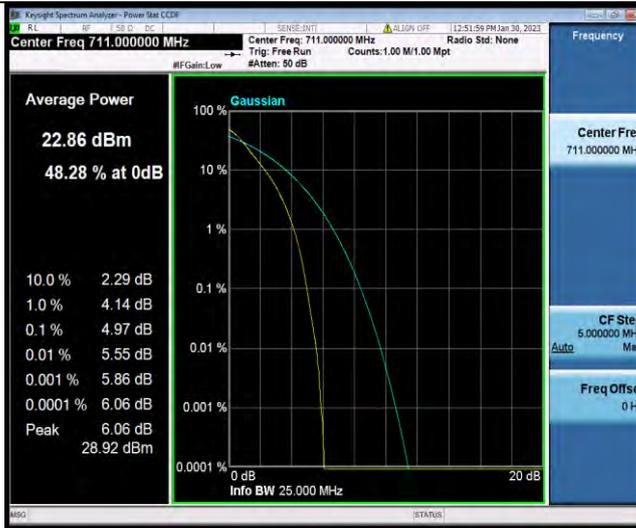


Band12-10MHz-QPSK-23130-50RB#0



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VERITAS

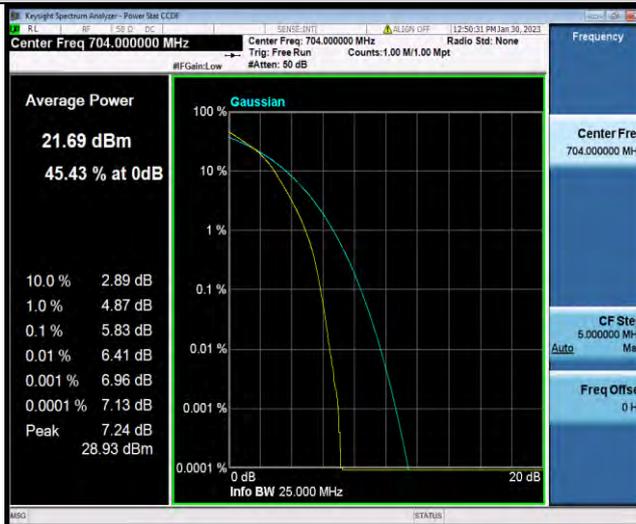
Test Report No.: W7L-221220W001RF03



Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0

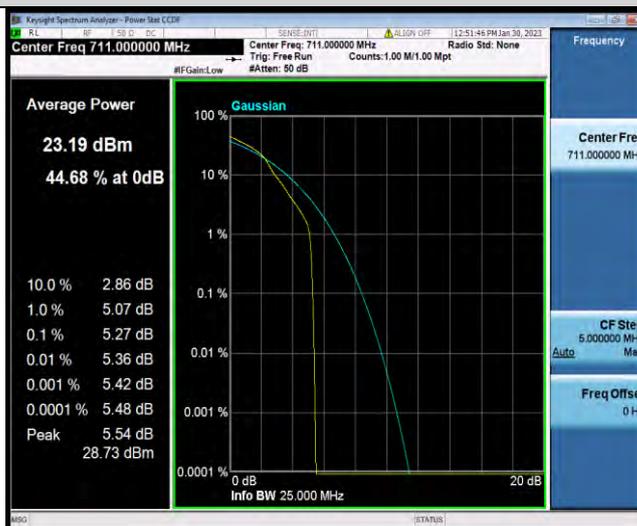
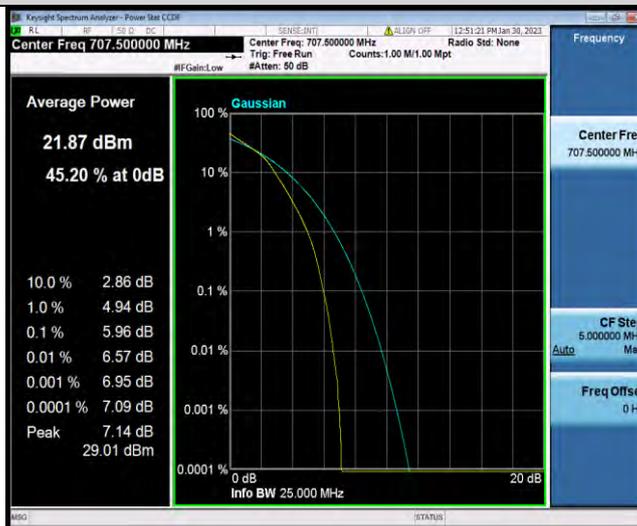
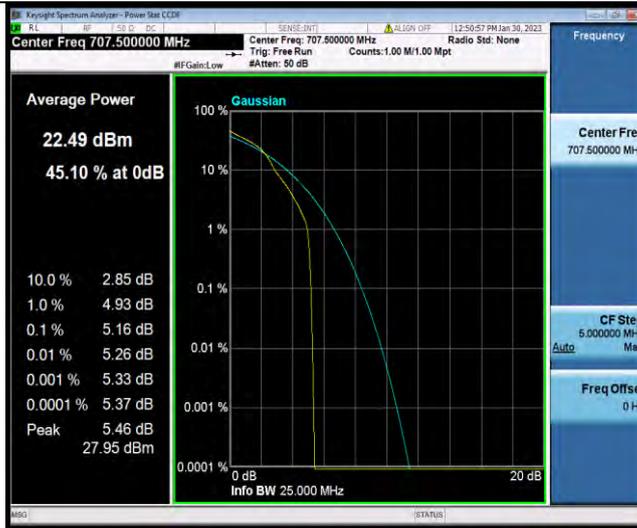


Band12-10MHz-16QAM-23095-1RB#0



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VERITAS

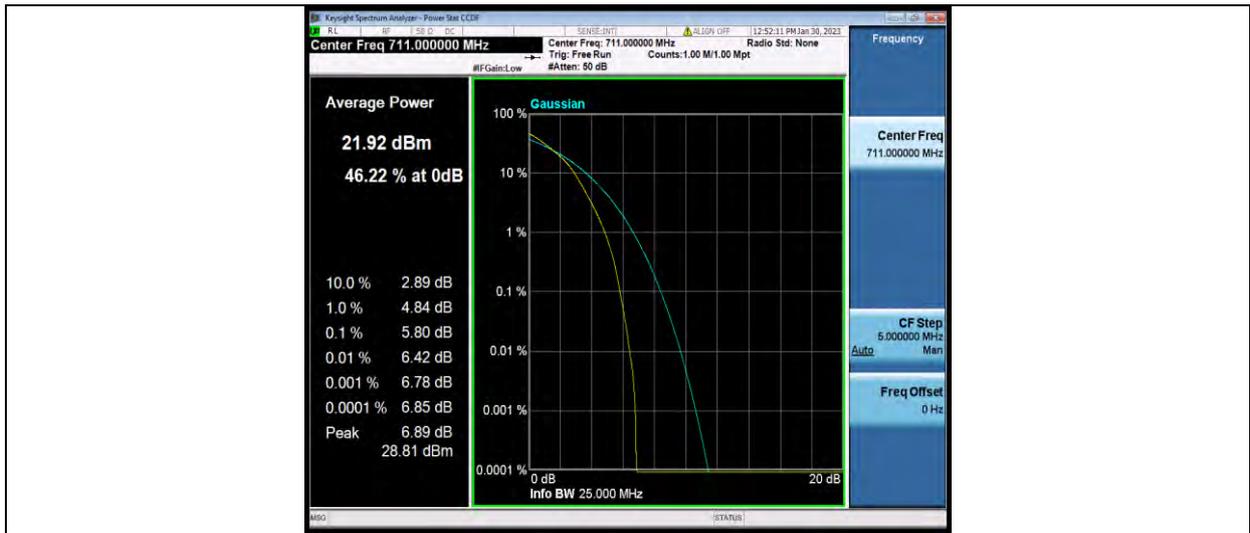
Test Report No.: W7L-221220W001RF03





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VERITAS

Test Report No.: W7L-221220W001RF03





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0917	1.246	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0918	1.249	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0939	1.252	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0926	1.261	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0902	1.265	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0917	1.260	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6930	2.920	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6973	2.914	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6928	2.907	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6887	2.912	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6915	2.917	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6973	2.905	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4920	4.885	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4988	4.902	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4968	4.830	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4972	4.824	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5036	4.925	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4950	4.857	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9549	9.529	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9891	9.556	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9472	9.509	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9600	9.524	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9850	9.568	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9468	9.531	PASS

Test Graphs

