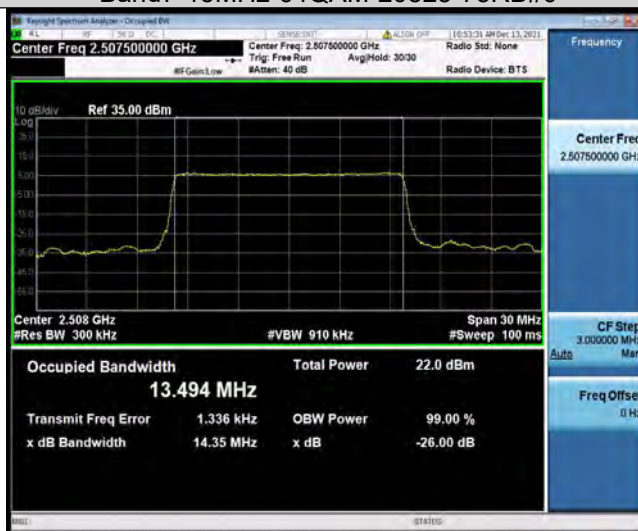
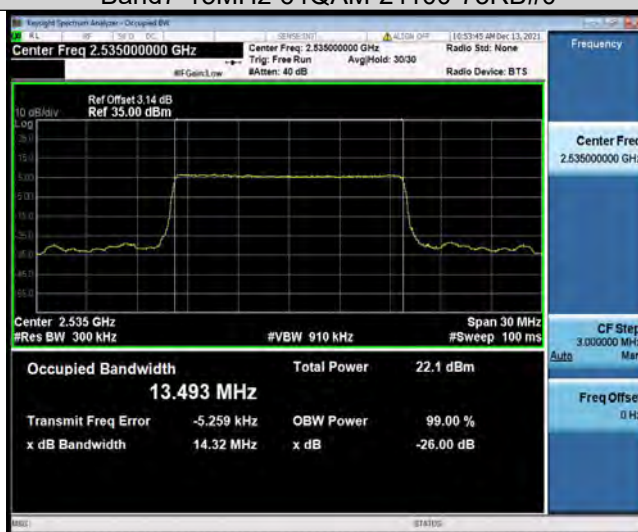




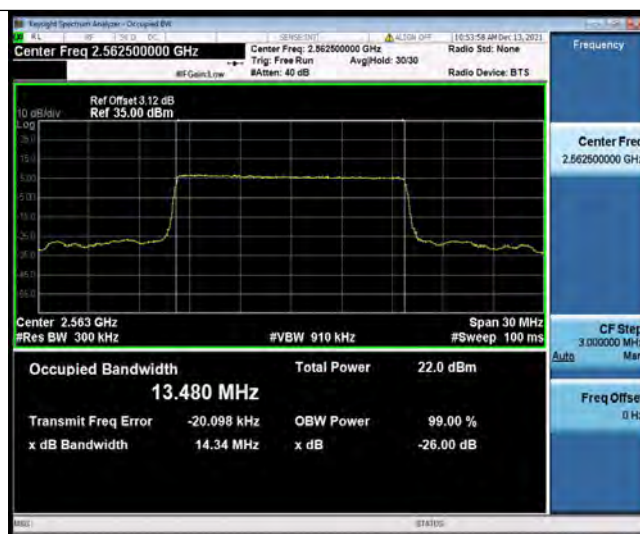
Band7-15MHz-64QAM-20825-75RB#0



Band7-15MHz-64QAM-21100-75RB#0



Band7-15MHz-64QAM-21375-75RB#0



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



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



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



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



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



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



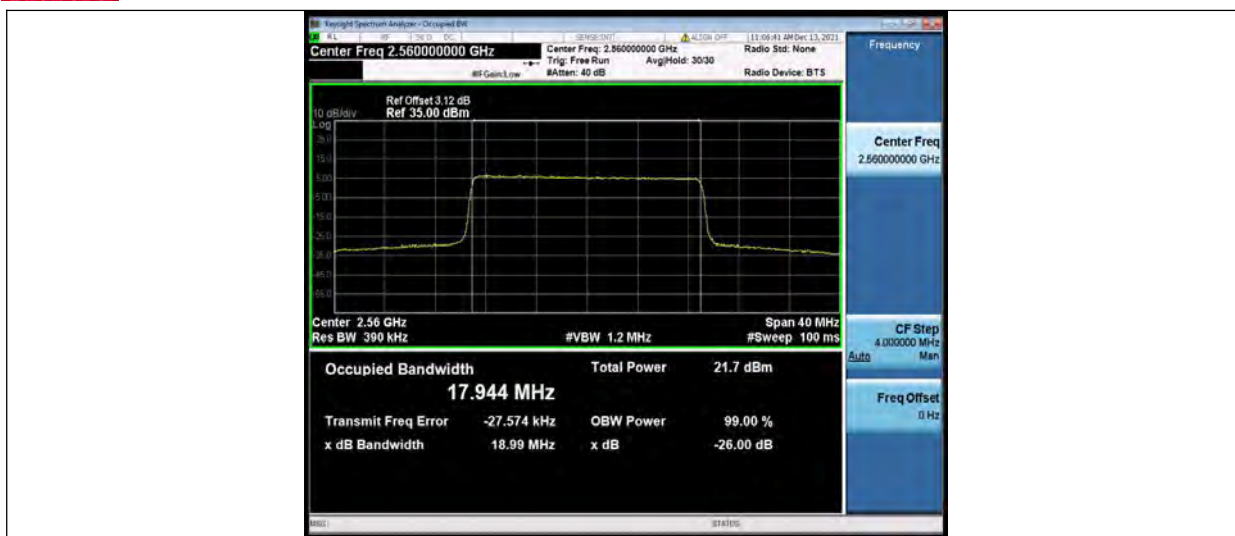
Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21100-100RB#0



Band7-20MHz-64QAM-21350-100RB#0



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-52.03,-33.70,-33.35,-11.88	PASS
Band7	5MHz	QPSK	20775	25RB#0	-46.75,-39.31,-32.41,-21.56	PASS
Band7	5MHz	QPSK	21425	1RB#24	-13.23,-35.14,-53.65,-50.09	PASS
Band7	5MHz	QPSK	21425	25RB#0	-25.76,-32.40,-45.27,-46.24	PASS
Band7	5MHz	16QAM	20775	1RB#0	-54.03,-36.33,-36.50,-13.52	PASS
Band7	5MHz	16QAM	20775	25RB#0	-48.75,-42.81,-32.65,-22.76	PASS
Band7	5MHz	16QAM	21425	1RB#24	-13.79,-35.35,-41.52,-50.24	PASS
Band7	5MHz	16QAM	21425	25RB#0	-24.63,-32.78,-45.81,-47.47	PASS
Band7	5MHz	64QAM	20775	1RB#0	-53.20,-36.52,-36.52,-13.24	PASS
Band7	5MHz	64QAM	20775	25RB#0	-46.03,-38.84,-34.99,-23.02	PASS
Band7	5MHz	64QAM	21425	1RB#24	-13.51,-38.72,-53.81,-47.80	PASS
Band7	5MHz	64QAM	21425	25RB#0	-24.39,-30.98,-43.73,-44.60	PASS
Band7	10MHz	QPSK	20800	1RB#0	-44.87,-32.99,-38.34,-15.11	PASS
Band7	10MHz	QPSK	20800	50RB#0	-47.44,-36.30,-33.36,-26.64	PASS
Band7	10MHz	QPSK	21400	1RB#49	-15.72,-39.17,-36.29,-51.72	PASS
Band7	10MHz	QPSK	21400	50RB#0	-26.69,-32.27,-35.71,-45.57	PASS
Band7	10MHz	16QAM	20800	1RB#0	-51.71,-35.20,-40.28,-15.17	PASS
Band7	10MHz	16QAM	20800	50RB#0	-46.66,-36.92,-34.11,-27.11	PASS
Band7	10MHz	16QAM	21400	1RB#49	-15.12,-38.20,-34.82,-51.48	PASS
Band7	10MHz	16QAM	21400	50RB#0	-26.50,-32.64,-36.60,-45.07	PASS
Band7	10MHz	64QAM	20800	1RB#0	-52.24,-37.25,-38.84,-16.73	PASS
Band7	10MHz	64QAM	20800	50RB#0	-46.48,-35.59,-34.83,-26.87	PASS
Band7	10MHz	64QAM	21400	1RB#49	-16.14,-37.85,-42.56,-52.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	-26.39,-31.21,-34.72,-44.99	PASS
Band7	15MHz	QPSK	20825	1RB#0	-35.91,-40.85,-42.56,-15.15	PASS
Band7	15MHz	QPSK	20825	75RB#0	-38.69,-33.48,-31.05,-27.51	PASS
Band7	15MHz	QPSK	21375	1RB#74	-16.42,-42.44,-36.63,-50.98	PASS
Band7	15MHz	QPSK	21375	75RB#0	-26.02,-29.25,-30.66,-43.53	PASS
Band7	15MHz	16QAM	20825	1RB#0	-36.16,-39.56,-41.81,-14.83	PASS
Band7	15MHz	16QAM	20825	75RB#0	-41.46,-35.86,-33.67,-29.06	PASS
Band7	15MHz	16QAM	21375	1RB#74	-15.70,-38.30,-35.14,-48.15	PASS
Band7	15MHz	16QAM	21375	75RB#0	-26.60,-31.02,-33.06,-44.40	PASS
Band7	15MHz	64QAM	20825	1RB#0	-40.68,-37.66,-44.39,-15.06	PASS
Band7	15MHz	64QAM	20825	75RB#0	-37.36,-33.02,-31.96,-27.95	PASS
Band7	15MHz	64QAM	21375	1RB#74	-17.19,-41.91,-37.28,-50.88	PASS
Band7	15MHz	64QAM	21375	75RB#0	-26.47,-28.32,-30.37,-45.13	PASS

Test Report No.: W7L-P21100018-4RF06

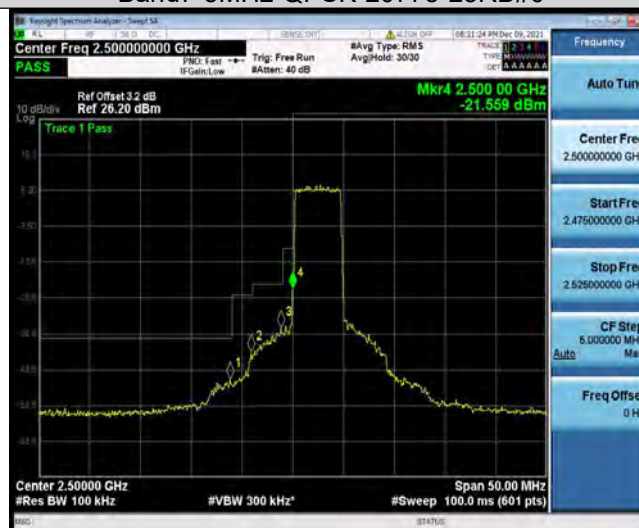
Band7	20MHz	QPSK	20850	1RB#0	-40.30,-39.22,-39.45,-17.53	PASS
Band7	20MHz	QPSK	20850	100RB#0	-38.46,-35.55,-34.09,-29.84	PASS
Band7	20MHz	QPSK	21350	1RB#99	-16.77,-37.84,-35.80,-49.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	-28.93,-31.78,-33.23,-46.34	PASS
Band7	20MHz	16QAM	20850	1RB#0	-42.70,-39.35,-39.28,-19.38	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.51,-36.35,-34.73,-30.75	PASS
Band7	20MHz	16QAM	21350	1RB#99	-19.15,-36.57,-35.45,-50.10	PASS
Band7	20MHz	16QAM	21350	100RB#0	-29.81,-32.73,-34.07,-46.64	PASS
Band7	20MHz	64QAM	20850	1RB#0	-42.93,-36.76,-39.31,-19.23	PASS
Band7	20MHz	64QAM	20850	100RB#0	-36.31,-34.56,-33.26,-30.59	PASS
Band7	20MHz	64QAM	21350	1RB#99	-17.12,-35.89,-37.96,-50.21	PASS
Band7	20MHz	64QAM	21350	100RB#0	-29.28,-30.54,-32.29,-48.24	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21425-1RB#24



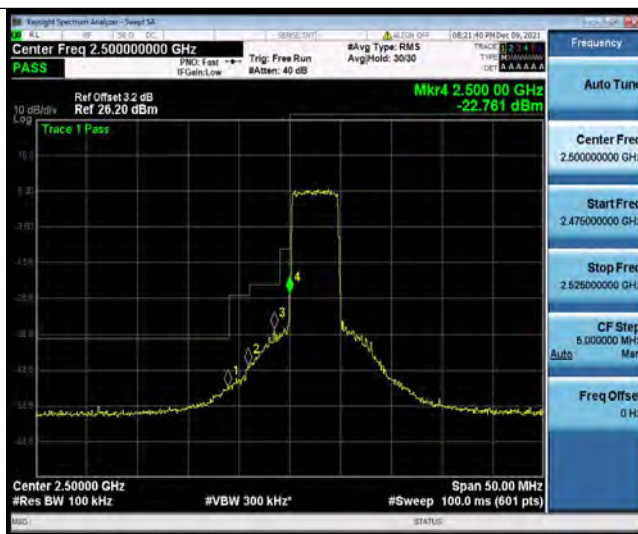
Band7-5MHz-QPSK-21425-25RB#0



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



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



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



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



Band7-5MHz-64QAM-20775-1RB#0



Band7-5MHz-64QAM-20775-25RB#0



Band7-5MHz-64QAM-21425-1RB#24



Band7-5MHz-64QAM-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



Band7-10MHz-64QAM-20800-1RB#0



Band7-10MHz-64QAM-20800-50RB#0



Band7-10MHz-64QAM-21400-1RB#49



Band7-10MHz-64QAM-21400-50RB#0



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



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



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



Band7-15MHz-64QAM-20825-1RB#0



Band7-15MHz-64QAM-20825-75RB#0



Band7-15MHz-64QAM-21375-1RB#74



Band7-15MHz-64QAM-21375-75RB#0



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



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



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



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



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



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



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



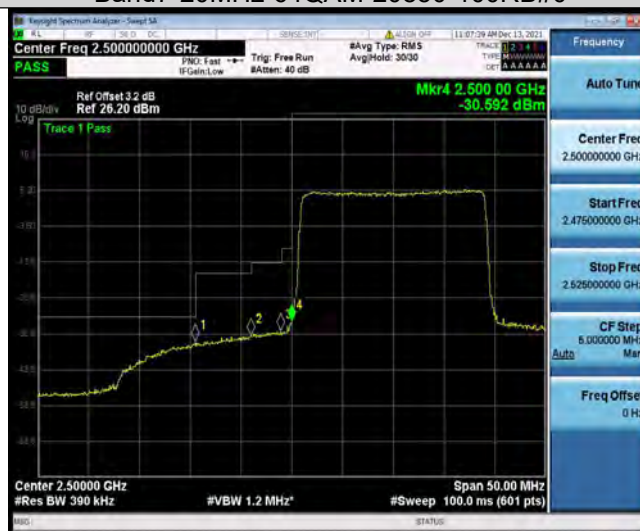
Band7-20MHz-16QAM-21350-100RB#0



Band7-20MHz-64QAM-20850-1RB#0



Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21350-1RB#99



Band7-20MHz-64QAM-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	-52.05	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-41.9	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-50.53	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-41.83	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-51.81	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-41.99	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-50.28	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-42.1	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-50.61	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-41.63	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-51.22	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-41.81	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range1:30~1000MHz	-51.06	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range2:1000~27000MHz	-40.53	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-50.45	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-42.08	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range1:30~1000MHz	-50.91	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range2:1000~27000MHz	-42.07	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-50.81	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-41.44	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-51.39	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-41.69	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-49.58	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-41.97	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-51.36	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~27000MHz	-41.78	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-52.2	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-41.65	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-51.72	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~27000MHz	-42.07	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range1:30~1000MHz	-51.24	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range2:1000~27000MHz	-40.88	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-51.44	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-41.65	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range1:30~1000MHz	-51.9	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range2:1000~27000MHz	-42.13	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-52.4	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-41.88	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-51.27	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-41.35	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-51.83	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-40.84	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-50.83	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~27000MHz	-41.69	PASS

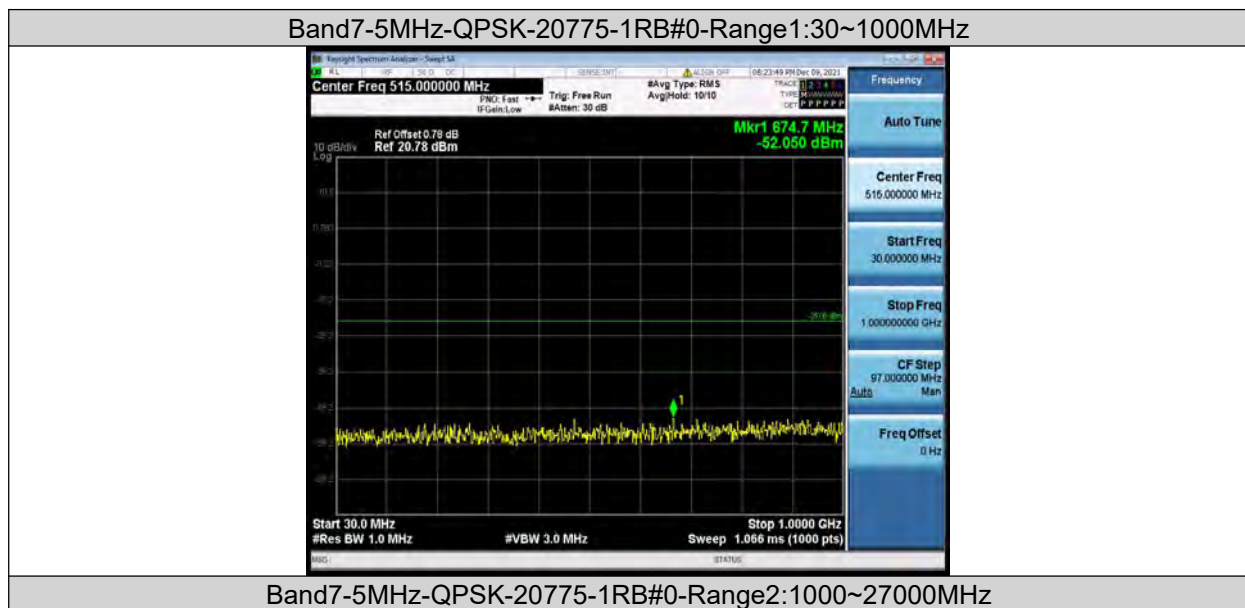


**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-4RF06

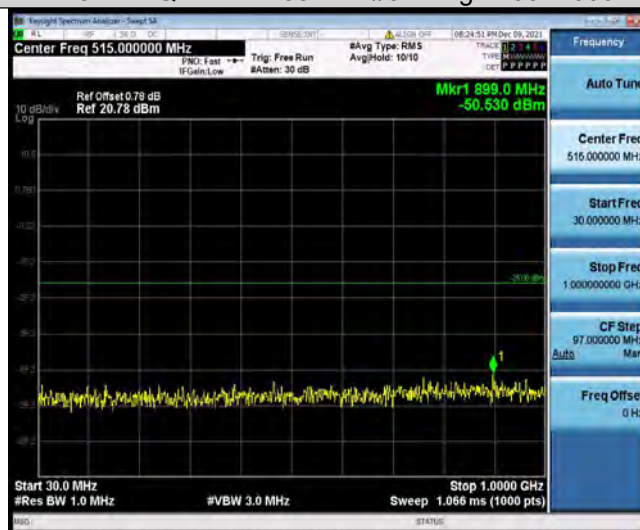
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-51.86	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-41.93	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-50.9	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~27000MHz	-41.25	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range1:30~1000MHz	-50.42	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range2:1000~27000MHz	-41.59	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-50.06	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-41.15	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range1:30~1000MHz	-51.52	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range2:1000~27000MHz	-41.87	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-51.14	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-42.1	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-51.49	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-42.18	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-50.74	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-41.62	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-51.93	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-40.84	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-50.83	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-42.03	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-52.15	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-41.66	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-51.24	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~27000MHz	-41.28	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-50.53	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-41.87	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-50.85	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~27000MHz	-41.54	PASS

Test Graphs





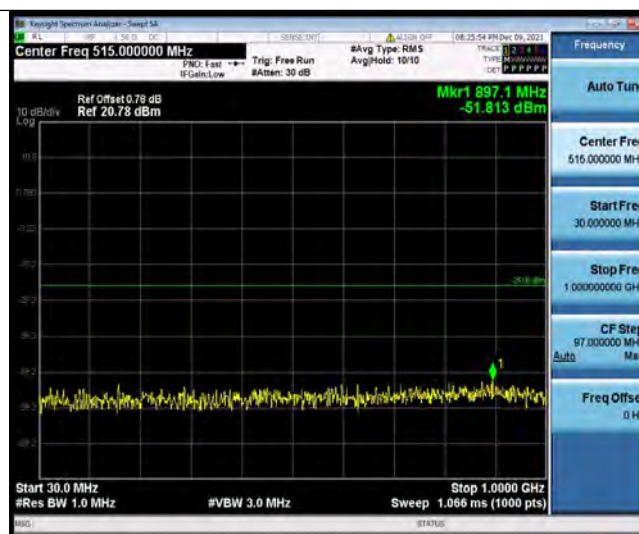
Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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



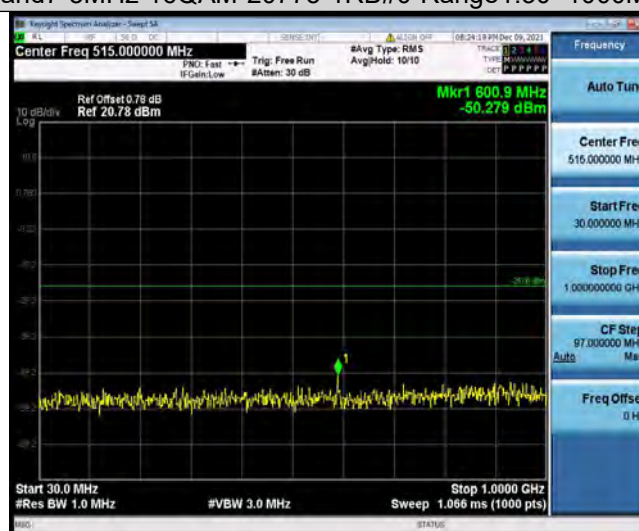
Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



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



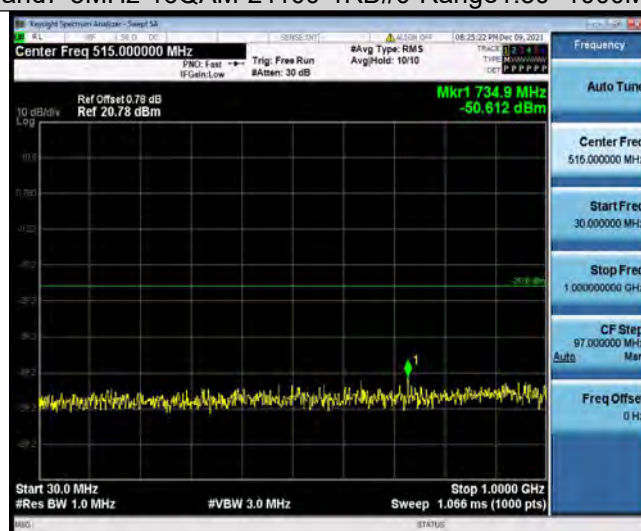
Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



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



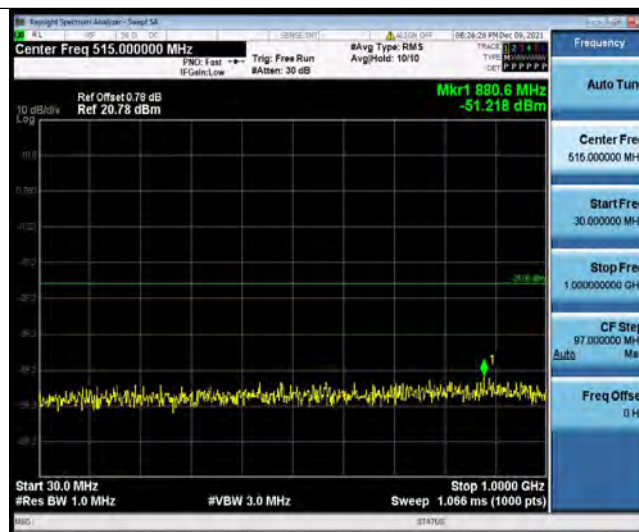
Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



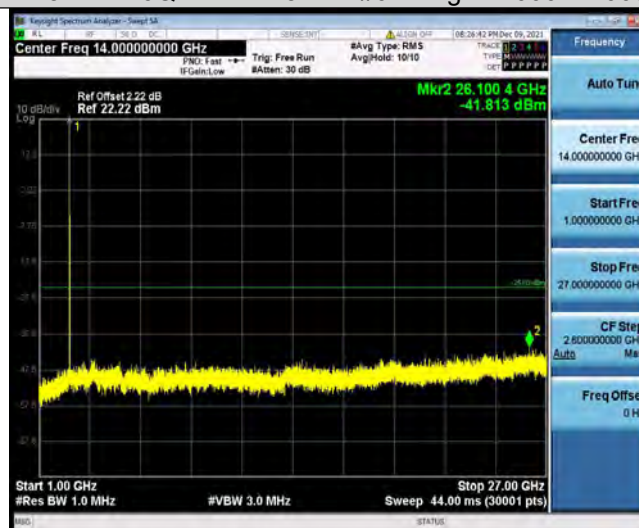
Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



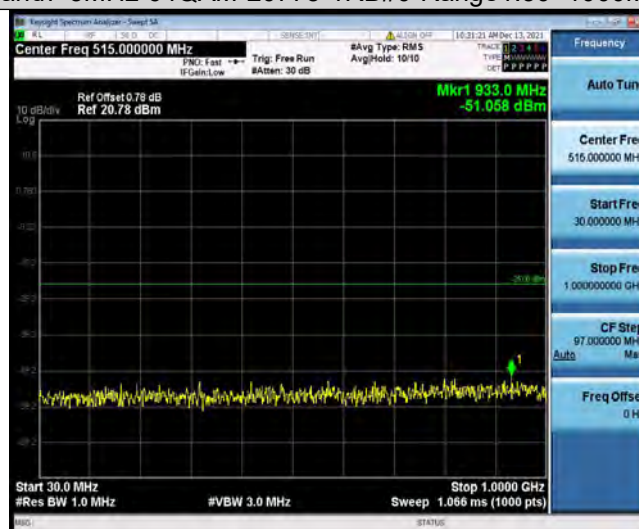
Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



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



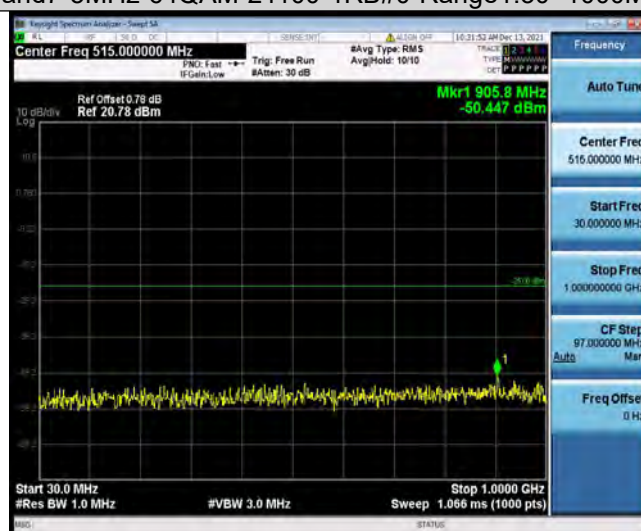
Band7-5MHz-64QAM-20775-1RB#0-Range1:30~1000MHz



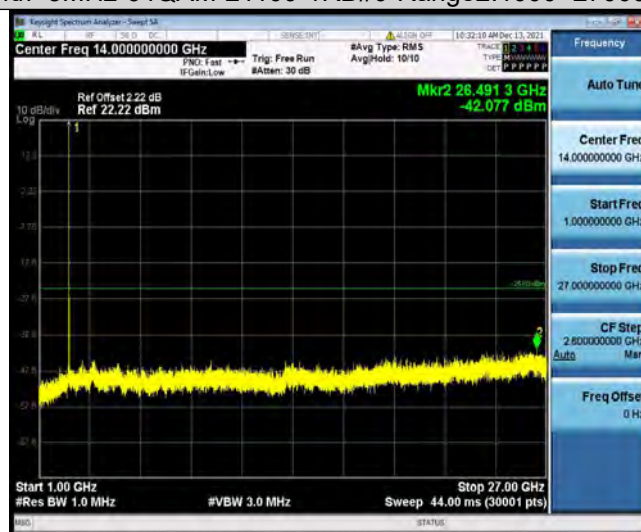
Band7-5MHz-64QAM-20775-1RB#0-Range2:1000~27000MHz



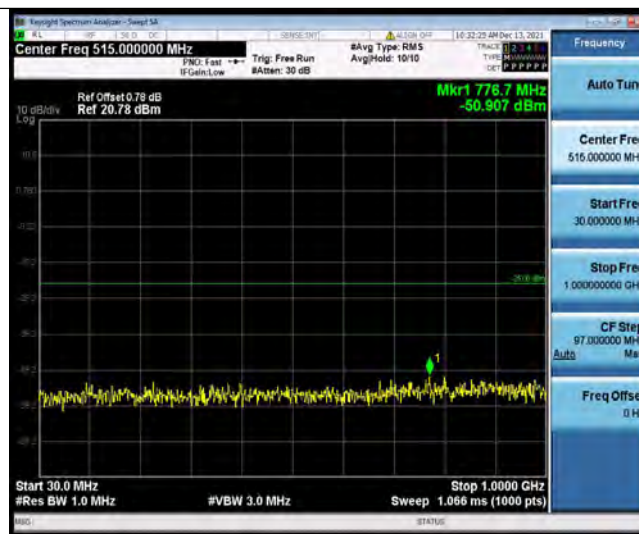
Band7-5MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



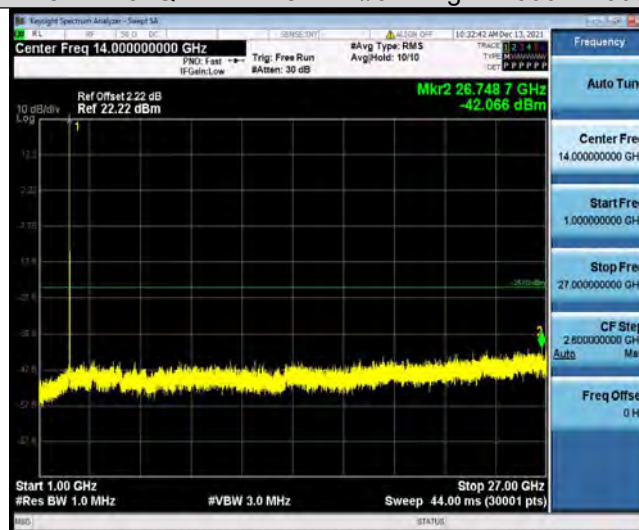
Band7-5MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



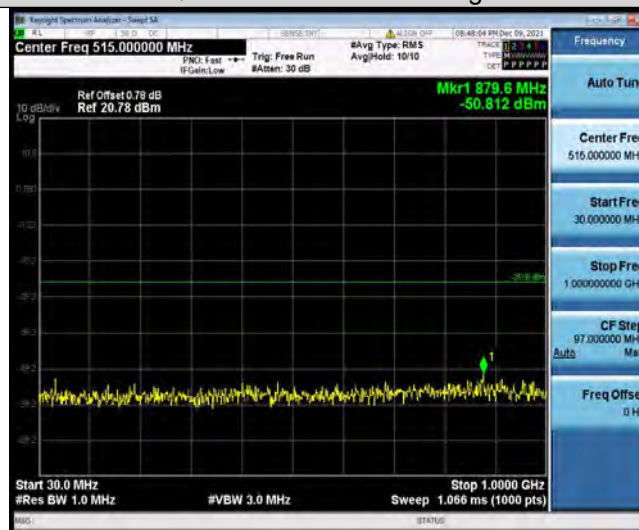
Band7-5MHz-64QAM-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-64QAM-21425-1RB#0-Range2:1000~27000MHz



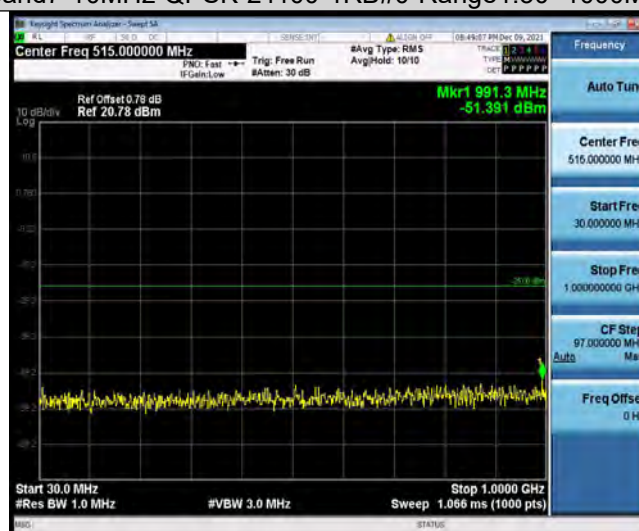
Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



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



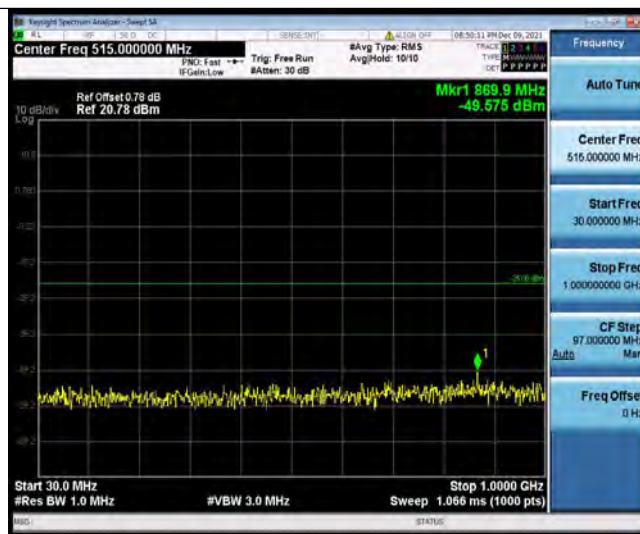
Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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



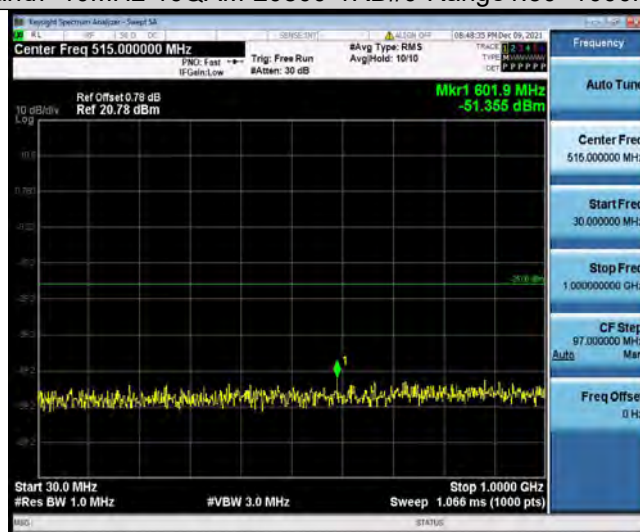
Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz



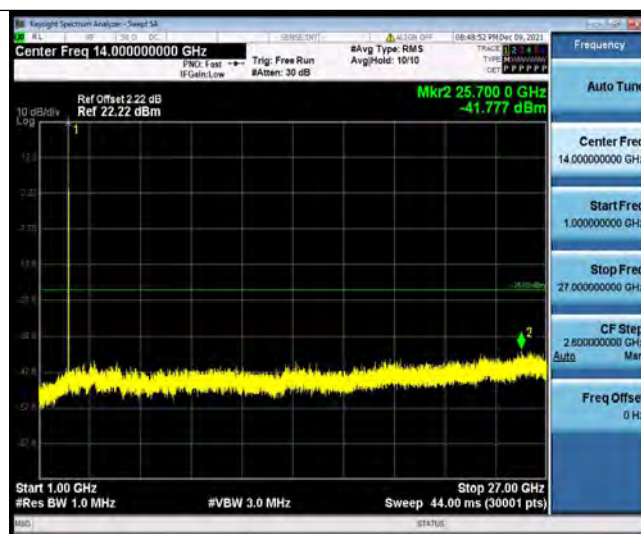
Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~27000MHz



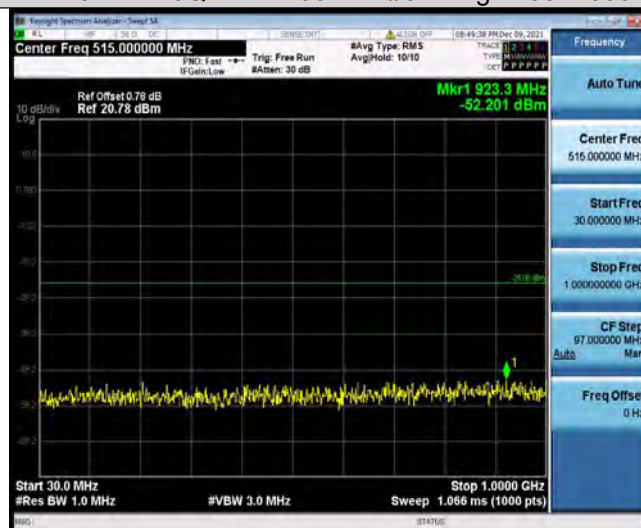
Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



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



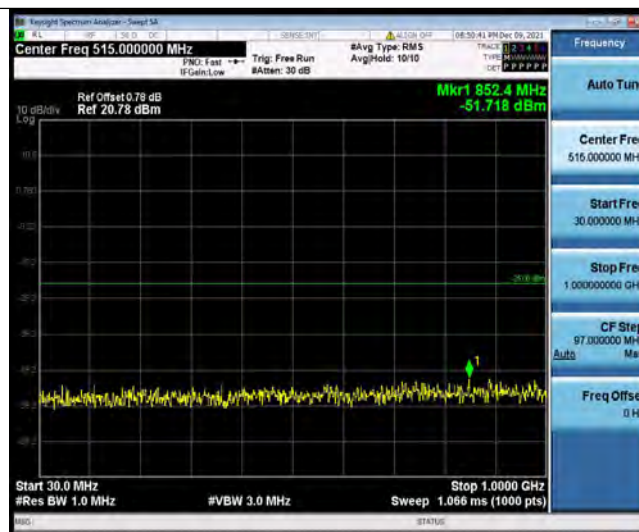
Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



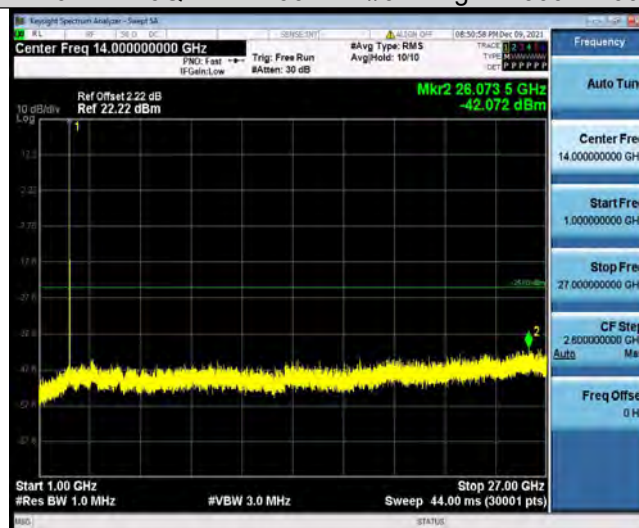
Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



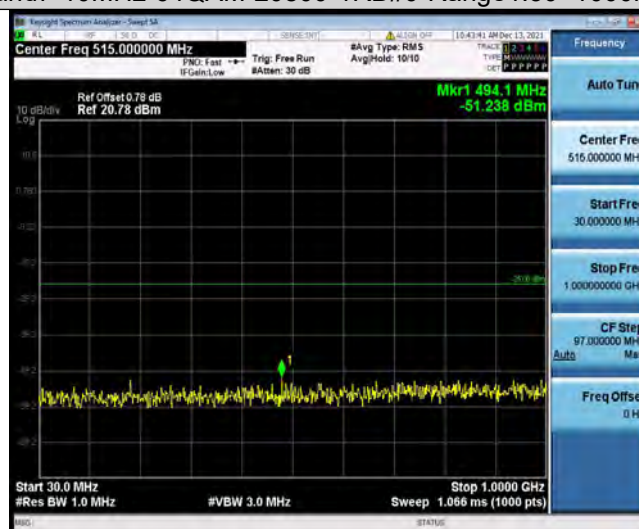
Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz



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



Band7-10MHz-64QAM-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-64QAM-20800-1RB#0-Range2:1000~27000MHz



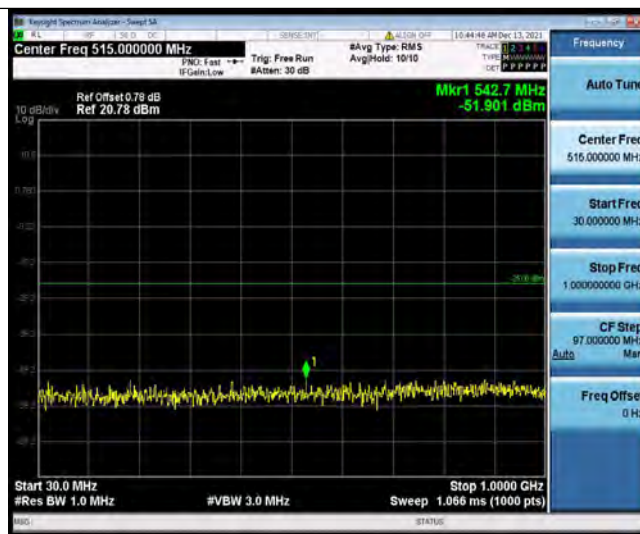
Band7-10MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



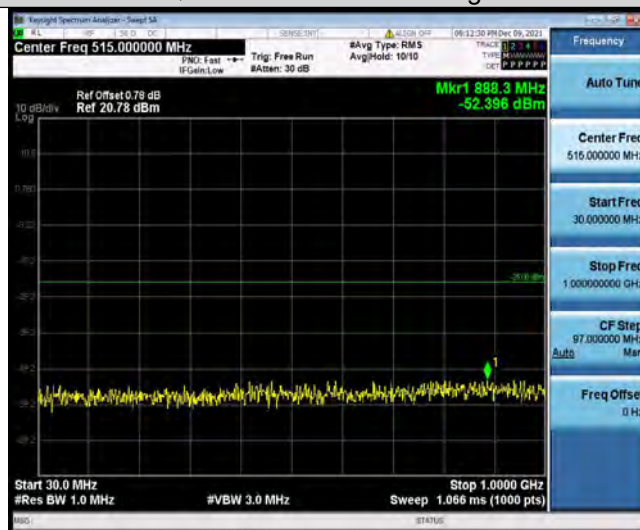
Band7-10MHz-64QAM-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~27000MHz



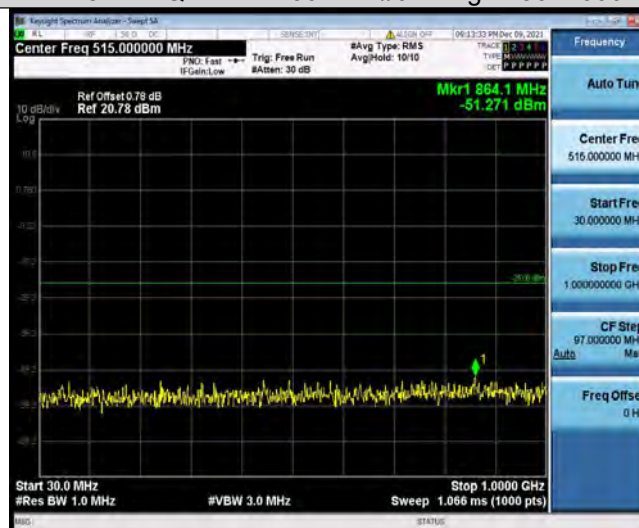
Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



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



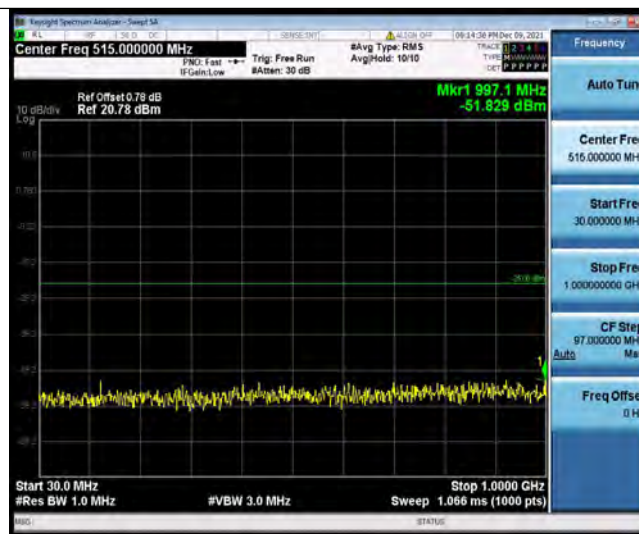
Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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



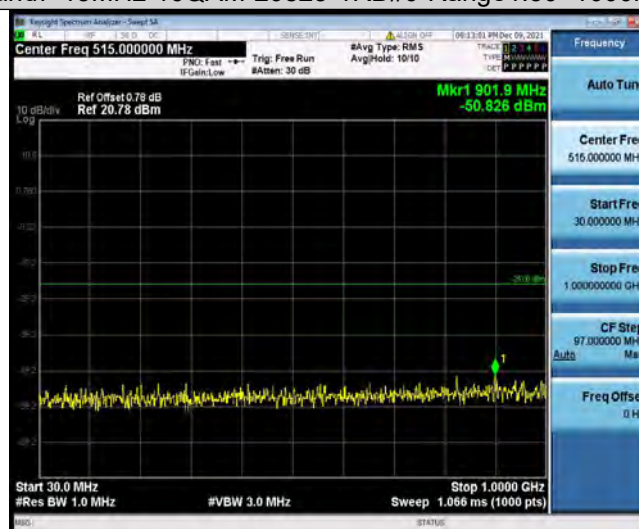
Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz



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



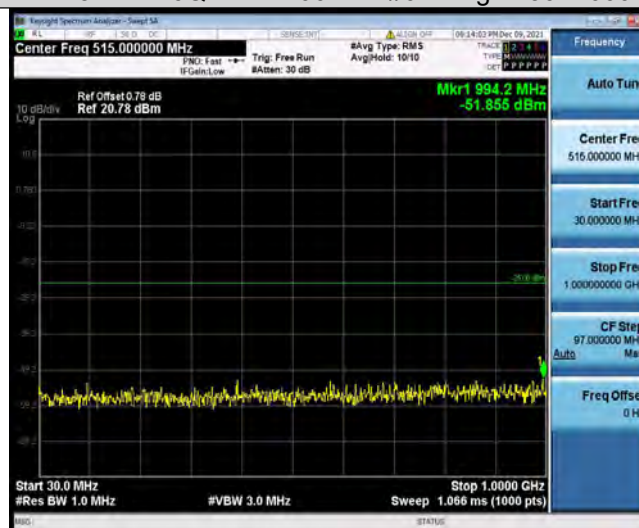
Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



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



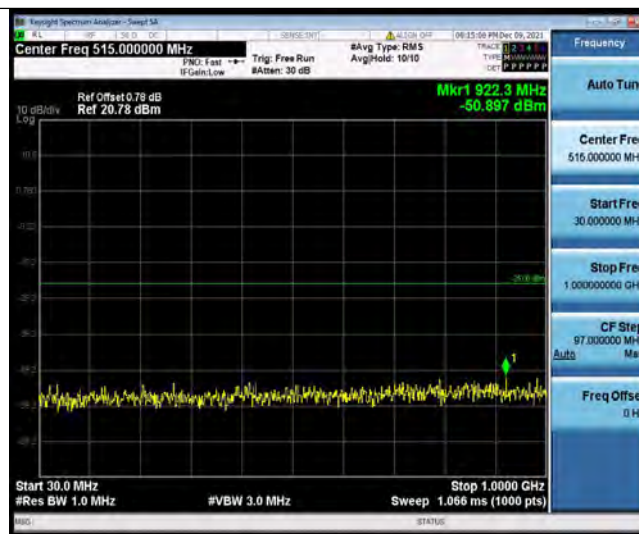
Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



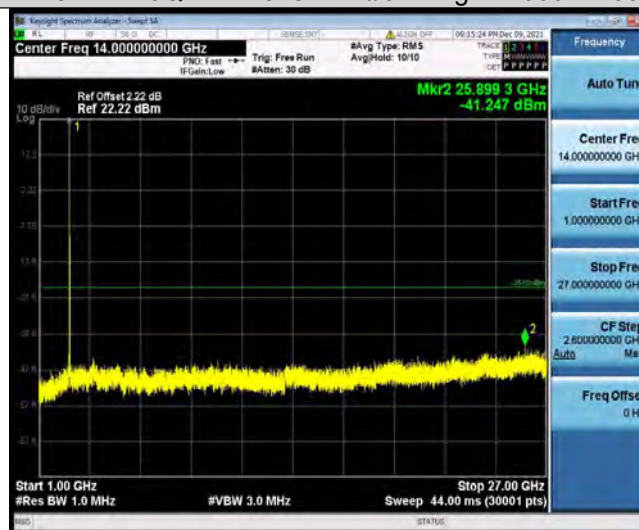
Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



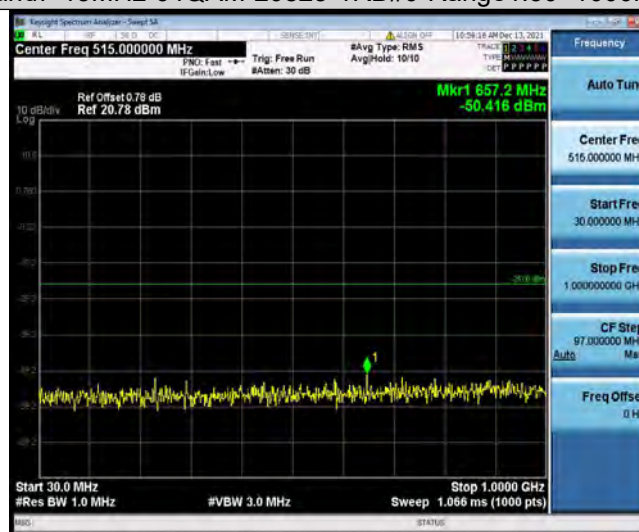
Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz



Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



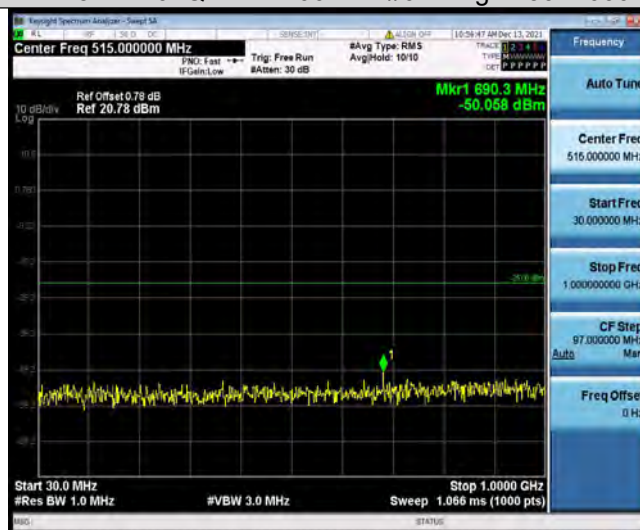
Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz



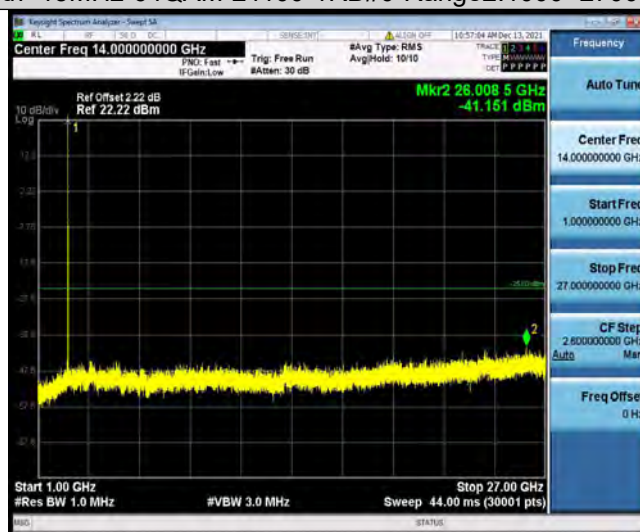
Band7-15MHz-64QAM-20825-1RB#0-Range2:1000~27000MHz



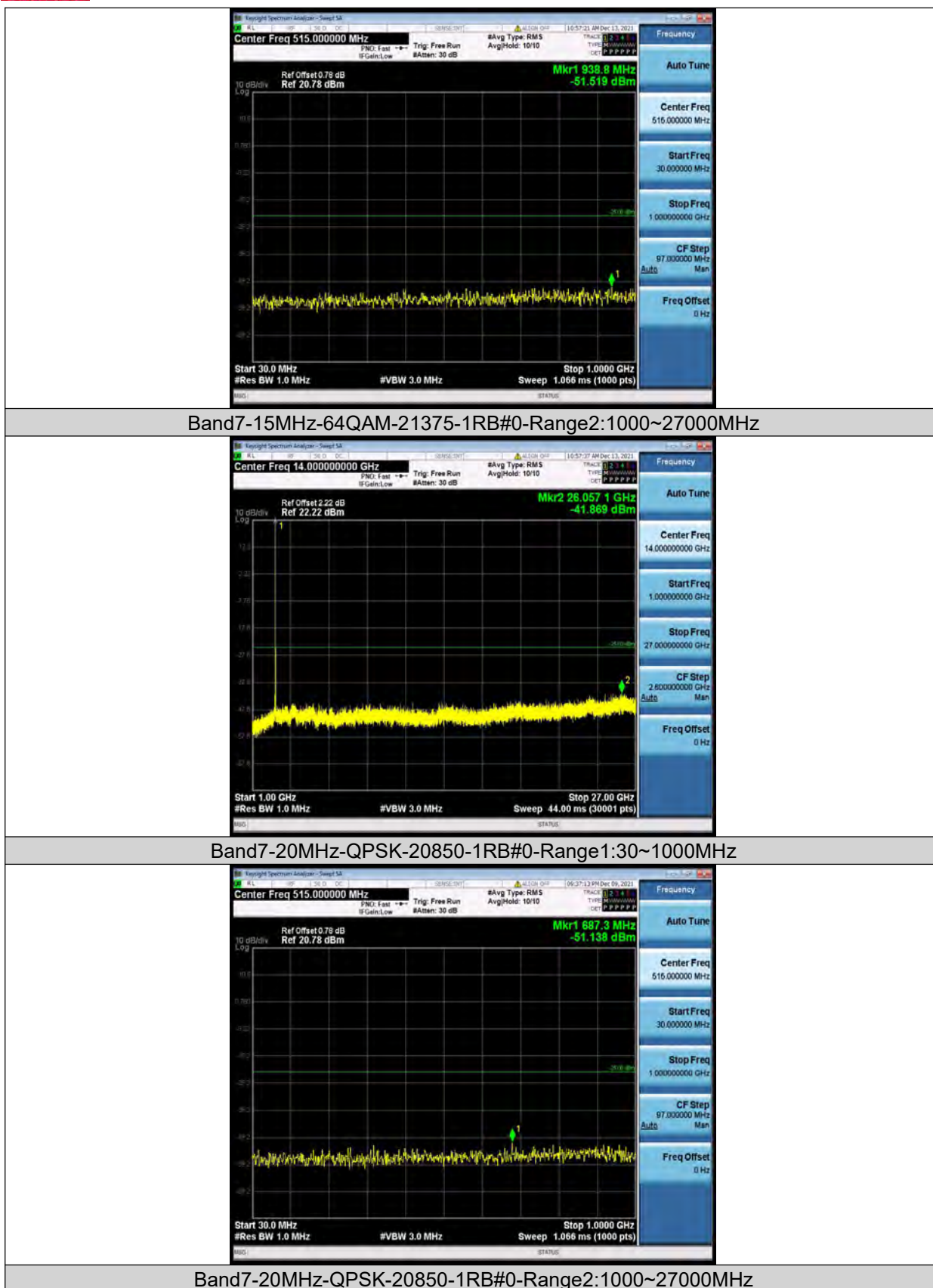
Band7-15MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz

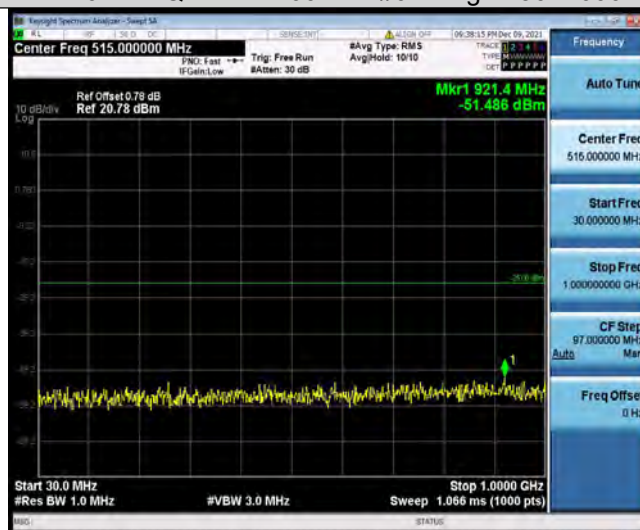


Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz





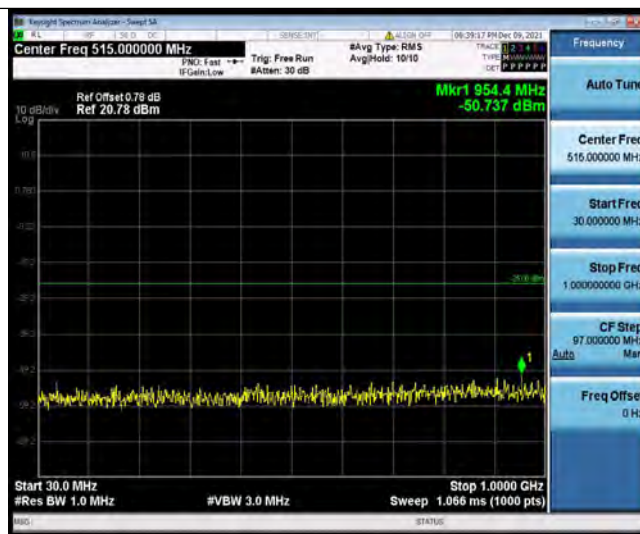
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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



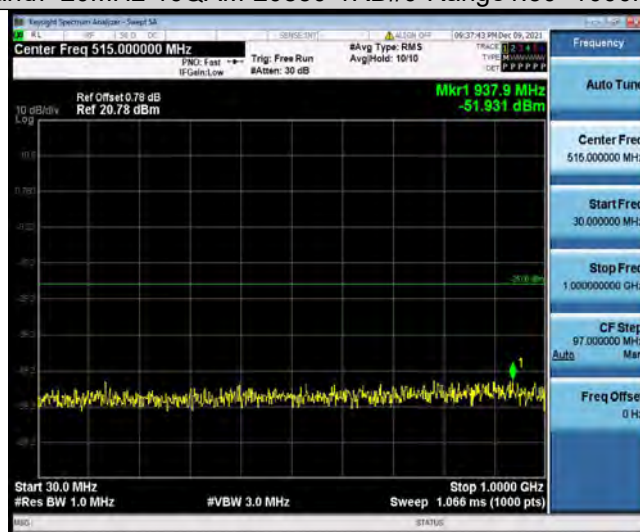
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



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



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



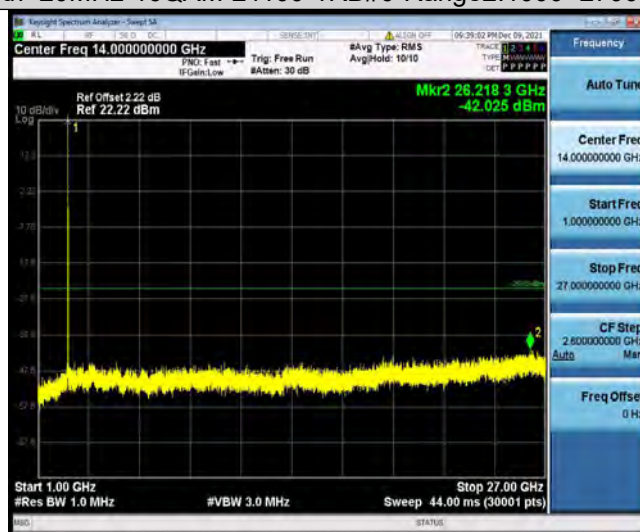
Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz



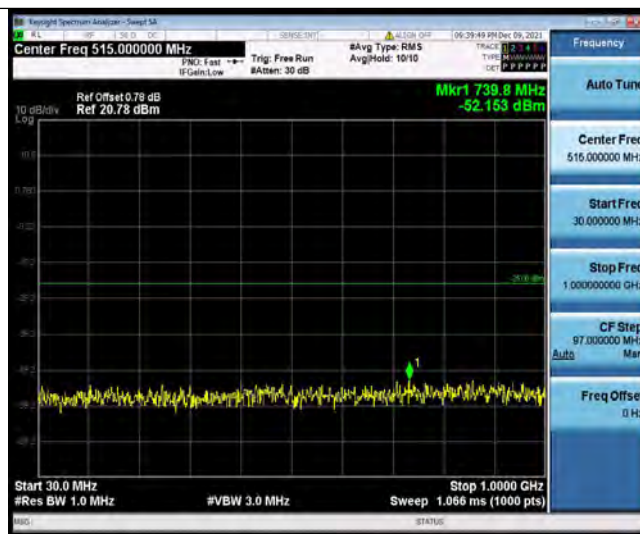
Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



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



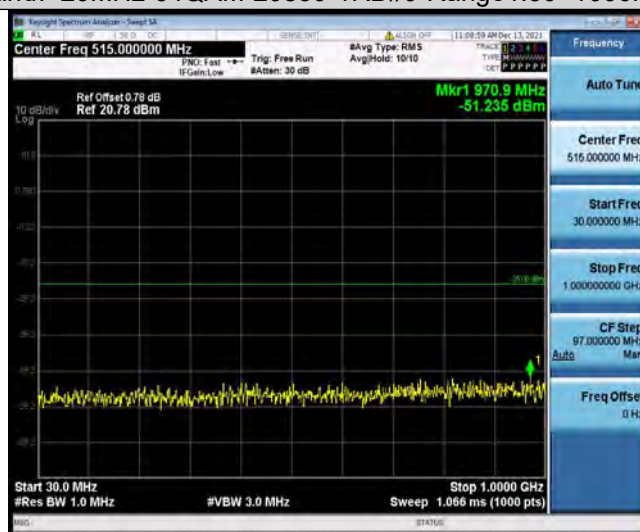
Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



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



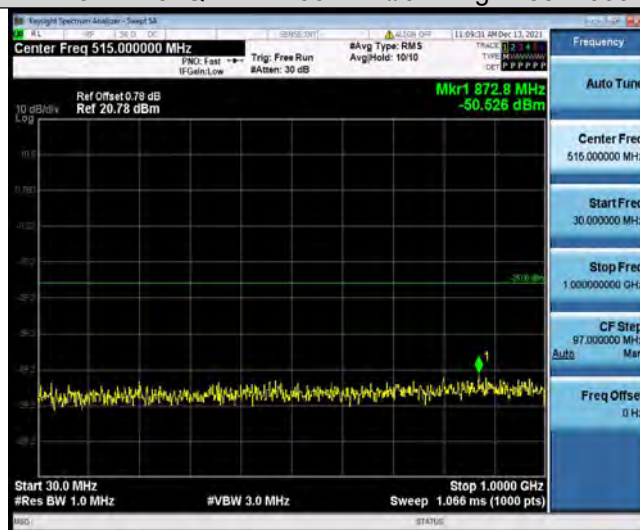
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~27000MHz



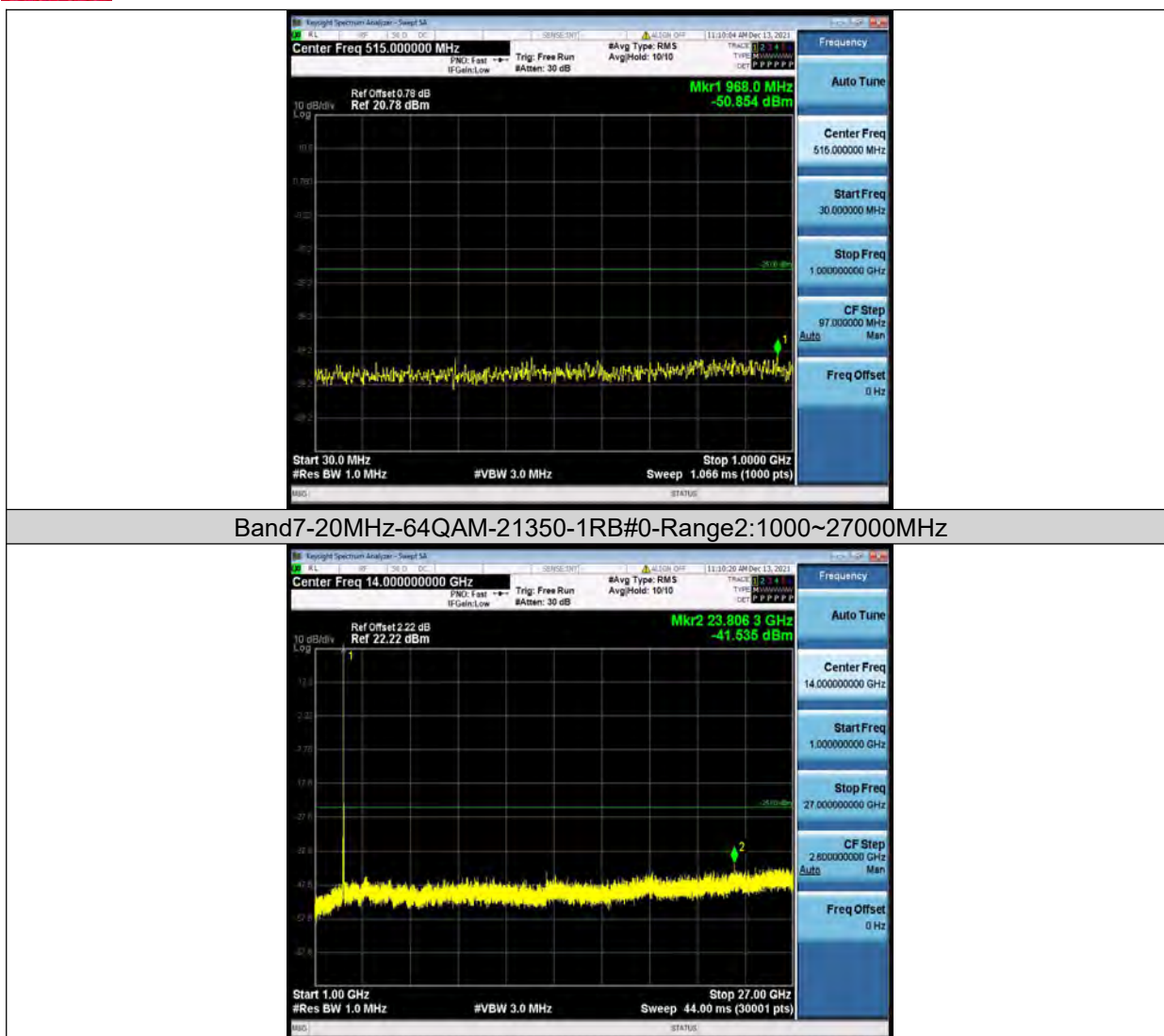
Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~27000MHz

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	19.30	0.007712	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-19.53	-0.007804	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	28.58	0.011421	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	44.37	0.017503	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-22.22	-0.008765	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	28.97	0.011428	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-54.53	-0.021239	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	22.36	0.008709	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-49.40	-0.019241	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	37.99	0.015181	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-8.38	-0.003349	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	13.63	0.005447	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	14.72	0.005807	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	54.02	0.021310	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	51.67	0.020383	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-32.70	-0.012736	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-44.29	-0.017250	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	13.38	0.005211	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	19.77	0.007900	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	-69.09	-0.027608	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	-39.73	-0.015876	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	20.36	0.008032	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	-28.70	-0.011321	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	-13.05	-0.005148	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	-30.88	-0.012027	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	-34.22	-0.013328	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	-33.69	-0.013122	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	14.58	0.005820	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	13.22	0.005277	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	14.26	0.005693	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	24.89	0.009819	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-24.99	-0.009858	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	35.99	0.014197	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	6.59	0.002569	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-18.01	-0.007021	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-33.26	-0.012967	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	31.13	0.012427	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-18.28	-0.007297	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	18.47	0.007373	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	30.03	0.011846	±2.5	PASS



Test Report No.: W7L-P21100018-4RF06

Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-13.20	-0.005207	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	52.57	0.020738	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	32.97	0.012854	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	27.32	0.010651	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	50.91	0.019848	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	37.09	0.014806	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	-63.87	-0.025497	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	31.24	0.012471	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	-37.29	-0.014710	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	-37.55	-0.014813	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	-18.58	-0.007329	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	-47.68	-0.018589	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	-40.48	-0.015782	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	-44.80	-0.017466	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	48.95	0.019521	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	7.77	0.003099	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	27.94	0.011143	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	22.54	0.008892	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	22.24	0.008773	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	33.53	0.013227	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-57.56	-0.022462	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-22.42	-0.008749	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-35.10	-0.013698	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	29.43	0.011737	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	-11.69	-0.004662	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	24.32	0.009699	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	21.53	0.008493	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	30.87	0.012178	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-17.32	-0.006832	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	35.56	0.013877	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-48.61	-0.018970	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	9.03	0.003524	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VL	NT	-42.54	-0.016965	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	-26.68	-0.010640	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	-53.27	-0.021244	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	62.86	0.024797	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VN	NT	-41.48	-0.016363	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	62.03	0.024469	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	-72.77	-0.028398	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	-39.04	-0.015235	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	57.74	0.022533	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	15.06	0.006000	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-19.74	-0.007865	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	14.03	0.005590	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-12.07	-0.004761	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-27.88	-0.010998	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	14.98	0.005909	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-34.17	-0.013348	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-27.61	-0.010785	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-53.82	-0.021023	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-4RF06

Band7	20MHz	16QAM	20850	100RB#0	VL	NT	43.46	0.017315	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-13.09	-0.005215	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	42.13	0.016785	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	38.85	0.015325	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-11.13	-0.004391	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	14.36	0.005665	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-35.19	-0.013746	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-9.53	-0.003723	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	16.34	0.006383	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	-78.92	-0.031442	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-54.63	-0.021765	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-36.89	-0.014697	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-62.30	-0.024576	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	-39.50	-0.015582	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-33.35	-0.013156	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-49.05	-0.019160	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-40.94	-0.015992	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-43.10	-0.016836	±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	22.95	0.009171	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	6.62	0.002645	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-16.11	-0.006438	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	13.05	0.005215	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	26.25	0.010490	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	47.02	0.018548	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	18.95	0.007475	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	34.23	0.013503	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	48.45	0.019112	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	21.92	0.008647	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-51.96	-0.020238	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-24.28	-0.009457	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-24.46	-0.009527	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-16.35	-0.006368	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-53.00	-0.020643	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	48.87	0.019528	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	38.74	0.015481	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	45.85	0.018322	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	22.52	0.008999	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	28.48	0.011381	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-19.87	-0.007838	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	24.92	0.009830	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	24.82	0.009791	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	22.02	0.008686	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	35.39	0.013961	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	32.10	0.012502	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-45.15	-0.017585	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-4RF06

Band7	5MHz	16QAM	21425	25RB#0	NV	0	-16.18	-0.006302	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	31.06	0.012097	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	40.40	0.015735	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-30	-44.19	-0.017658	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-20	-57.51	-0.022981	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	0	40.67	0.016252	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	10	-30.58	-0.012220	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	20	25.48	0.010182	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-30	-27.54	-0.010864	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-20	-36.94	-0.014572	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	0	-34.38	-0.013562	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	10	47.68	0.018809	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	20	72.44	0.028576	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-30	-42.92	-0.016717	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-20	31.07	0.012101	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	0	-18.51	-0.007209	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	10	-47.11	-0.018349	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	20	-24.10	-0.009387	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-15.88	-0.006339	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-20.14	-0.008040	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-31.50	-0.012575	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-29.10	-0.011617	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-46.13	-0.018415	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	24.25	0.009566	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	36.79	0.014513	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	43.99	0.017353	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	54.14	0.021357	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-36.59	-0.014434	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-45.00	-0.017544	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-45.38	-0.017692	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-33.36	-0.013006	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-34.36	-0.013396	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-20.28	-0.007906	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	41.50	0.016567	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	18.68	0.007457	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	43.12	0.017214	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	52.03	0.020770	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	27.87	0.011126	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	47.62	0.018785	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	12.10	0.004773	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	22.23	0.008769	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	20.00	0.007890	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	56.12	0.022138	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-31.60	-0.012320	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-10.71	-0.004175	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	23.45	0.009142	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	19.54	0.007618	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	18.51	0.007216	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	55.19	0.022032	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	51.26	0.020463	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-4RF06

Band7	10MHz	64QAM	20800	50RB#0	NV	0	67.82	0.027074	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	35.96	0.014355	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	28.82	0.011505	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	-38.22	-0.015077	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	-24.08	-0.009499	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	23.95	0.009448	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	64.85	0.025582	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	52.40	0.020671	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	42.10	0.016413	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	63.56	0.024780	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	34.83	0.013579	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	40.33	0.015723	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	64.47	0.025135	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	27.62	0.011015	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	12.95	0.005165	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	14.53	0.005795	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	8.35	0.003330	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-15.03	-0.005994	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-24.29	-0.009582	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	11.44	0.004513	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	14.26	0.005625	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	11.50	0.004536	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	23.88	0.009420	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-54.43	-0.021241	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-16.98	-0.006626	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	4.84	0.001889	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-33.02	-0.012886	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-29.43	-0.011485	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	41.80	0.016670	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	51.66	0.020602	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	20.17	0.008044	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	46.61	0.018588	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-7.41	-0.002955	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	30.54	0.012047	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	36.51	0.014402	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	50.07	0.019751	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	20.23	0.007980	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	27.45	0.010828	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	10.63	0.004148	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	22.10	0.008624	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	39.61	0.015458	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	13.39	0.005225	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	16.82	0.006564	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-30	-54.33	-0.021667	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-20	-36.84	-0.014692	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	0	36.15	0.014417	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	10	62.90	0.025085	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	20	31.13	0.012415	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-30	62.26	0.024560	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-20	57.11	0.022529	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-4RF06

Band7	15MHz	64QAM	21100	75RB#0	NV	0	60.97	0.024051	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	10	-42.29	-0.016682	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	20	46.51	0.018347	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-30	-39.97	-0.015598	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-20	30.73	0.011992	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	0	-32.60	-0.012722	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	10	18.67	0.007286	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	20	-43.14	-0.016835	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	17.75	0.007072	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	11.60	0.004622	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-21.43	-0.008538	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	13.07	0.005207	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	16.21	0.006458	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-6.68	-0.002635	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	12.26	0.004836	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-6.05	-0.002387	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	15.25	0.006016	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	12.43	0.004903	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-19.03	-0.007434	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	13.39	0.005230	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-19.07	-0.007449	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-21.90	-0.008555	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-47.14	-0.018414	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	15.01	0.005980	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	42.93	0.017104	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-10.06	-0.004008	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	23.29	0.009279	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	48.48	0.019315	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	42.74	0.016860	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	40.54	0.015992	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-20.33	-0.008020	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	20.63	0.008138	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	29.63	0.011688	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	34.92	0.013641	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	48.51	0.018949	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	45.03	0.017590	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	45.30	0.017695	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	62.10	0.024258	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-47.78	-0.019036	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	20.89	0.008323	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	49.34	0.019657	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	22.34	0.008900	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	31.53	0.012562	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	35.00	0.013807	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	63.66	0.025112	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	25.31	0.009984	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	35.39	0.013961	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	60.83	0.023996	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-78.18	-0.030539	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	46.85	0.018301	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P21100018-4RF06

Band7	20MHz	64QAM	21350	100RB#0	NV	0	52.76	0.020609	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	75.43	0.029465	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	28.38	0.011086	±2.5	PASS

Appendix B: LTE BAND 38

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	5.43	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.53	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	5.93	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.50	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	5.91	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.45	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.93	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.13	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	7.07	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.14	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	6.31	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.06	13	PASS
Band38	5MHz	64QAM	37775	1RB#0	5.31	13	PASS
Band38	5MHz	64QAM	37775	25RB#0	5.58	13	PASS
Band38	5MHz	64QAM	38000	1RB#0	5.36	13	PASS
Band38	5MHz	64QAM	38000	25RB#0	5.47	13	PASS
Band38	5MHz	64QAM	38225	1RB#0	5.19	13	PASS
Band38	5MHz	64QAM	38225	25RB#0	5.40	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	5.79	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.58	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	5.71	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.58	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	6.08	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.55	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	7.03	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.19	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	6.53	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.26	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	6.84	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.15	13	PASS
Band38	10MHz	64QAM	37800	1RB#0	5.64	13	PASS
Band38	10MHz	64QAM	37800	50RB#0	5.62	13	PASS
Band38	10MHz	64QAM	38000	1RB#0	5.61	13	PASS
Band38	10MHz	64QAM	38000	50RB#0	5.56	13	PASS
Band38	10MHz	64QAM	38200	1RB#0	5.76	13	PASS
Band38	10MHz	64QAM	38200	50RB#0	5.47	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	5.76	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.95	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	5.77	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.90	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	6.46	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.88	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	6.33	13	PASS



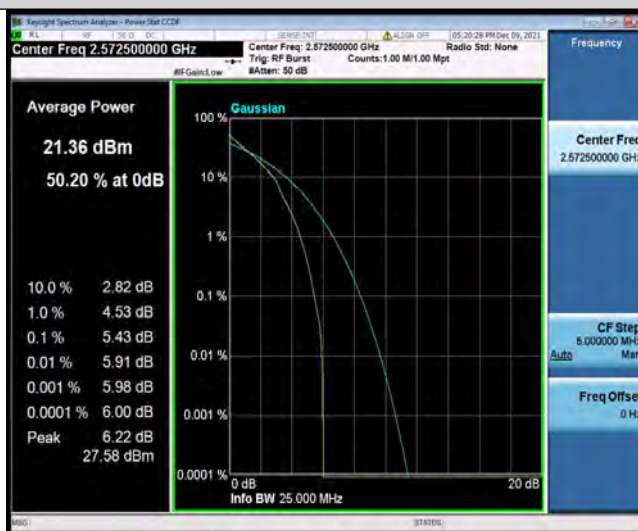
BUREAU
VERITAS

Test Report No.: W7L-P21100018-4RF06

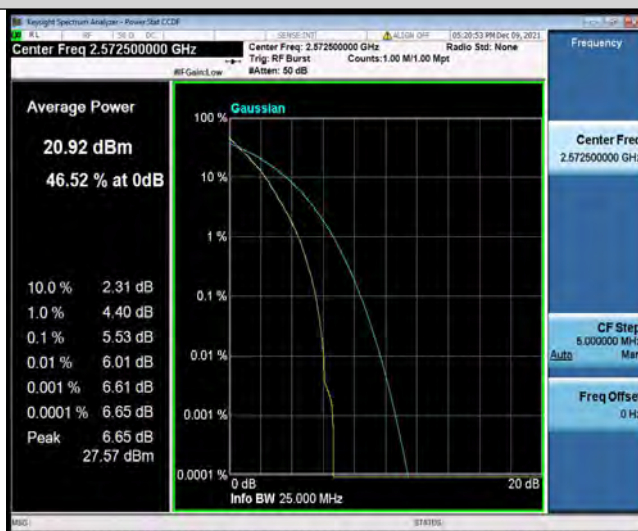
Band38	15MHz	16QAM	37825	75RB#0	6.32	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	6.77	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.39	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	6.41	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.31	13	PASS
Band38	15MHz	64QAM	37825	1RB#0	5.84	13	PASS
Band38	15MHz	64QAM	37825	75RB#0	5.98	13	PASS
Band38	15MHz	64QAM	38000	1RB#0	5.58	13	PASS
Band38	15MHz	64QAM	38000	75RB#0	5.88	13	PASS
Band38	15MHz	64QAM	38175	1RB#0	5.68	13	PASS
Band38	15MHz	64QAM	38175	75RB#0	5.83	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	6.02	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.65	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	5.70	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.64	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	6.20	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.71	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	6.58	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.26	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	6.17	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.29	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	6.09	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.31	13	PASS
Band38	20MHz	64QAM	37850	1RB#0	5.95	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	5.66	13	PASS
Band38	20MHz	64QAM	38000	1RB#0	5.46	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	5.63	13	PASS
Band38	20MHz	64QAM	38150	1RB#0	5.36	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	5.66	13	PASS

Test Graphs

Band38-5MHz-QPSK-37775-1RB#0



Band38-5MHz-QPSK-37775-25RB#0



Band38-5MHz-QPSK-38000-1RB#0



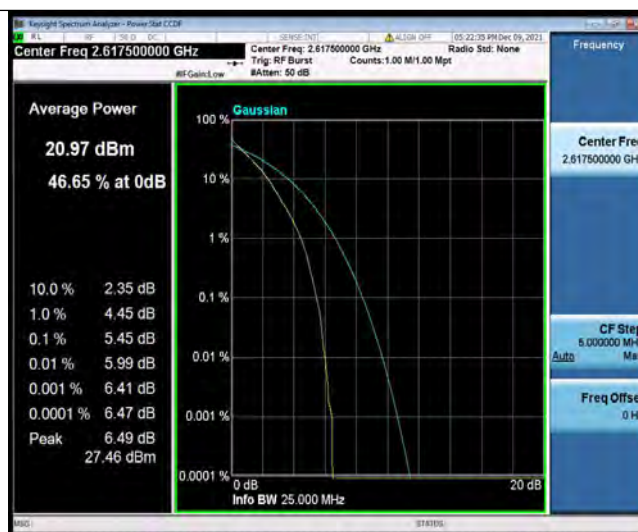
Band38-5MHz-QPSK-38000-25RB#0



Band38-5MHz-QPSK-38225-1RB#0



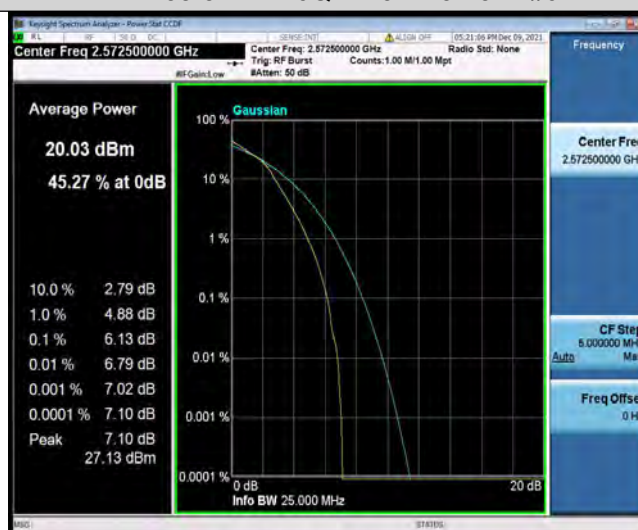
Band38-5MHz-QPSK-38225-25RB#0



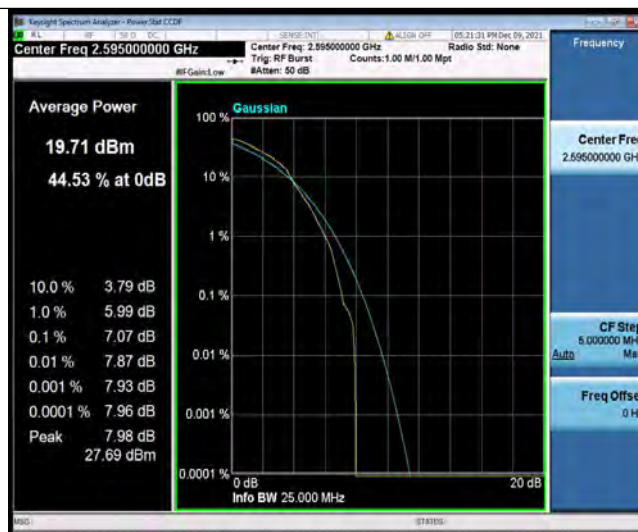
Band38-5MHz-16QAM-37775-1RB#0



Band38-5MHz-16QAM-37775-25RB#0



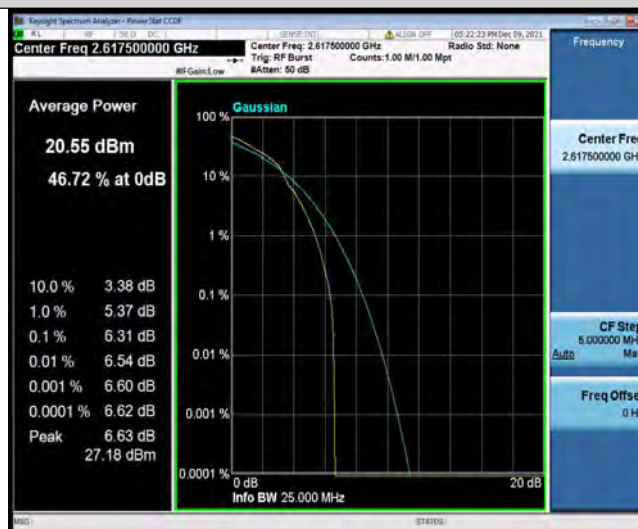
Band38-5MHz-16QAM-38000-1RB#0



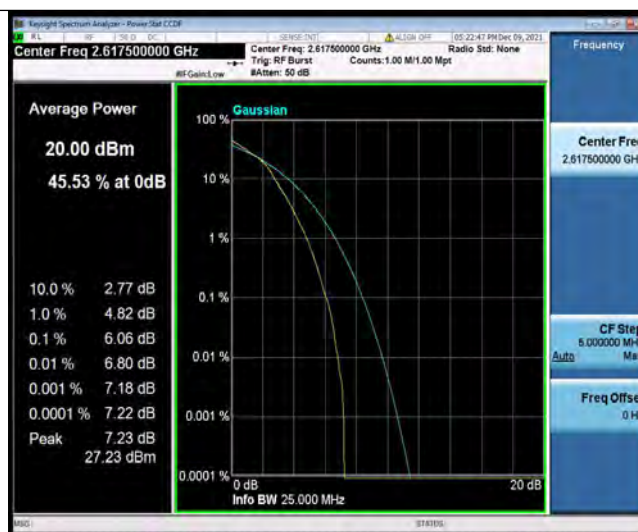
Band38-5MHz-16QAM-38000-25RB#0



Band38-5MHz-16QAM-38225-1RB#0



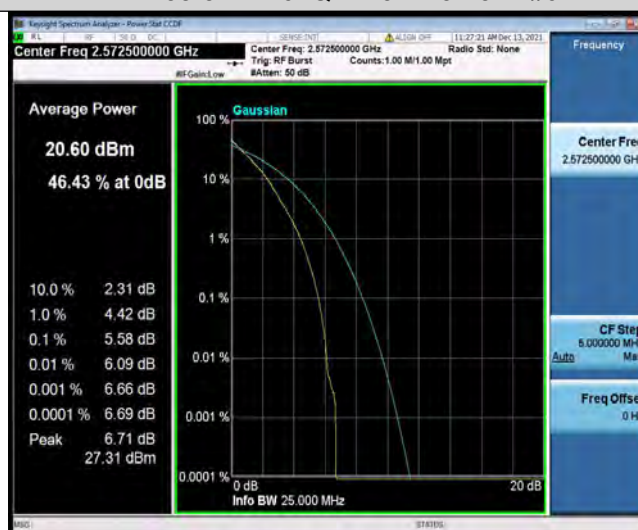
Band38-5MHz-16QAM-38225-25RB#0



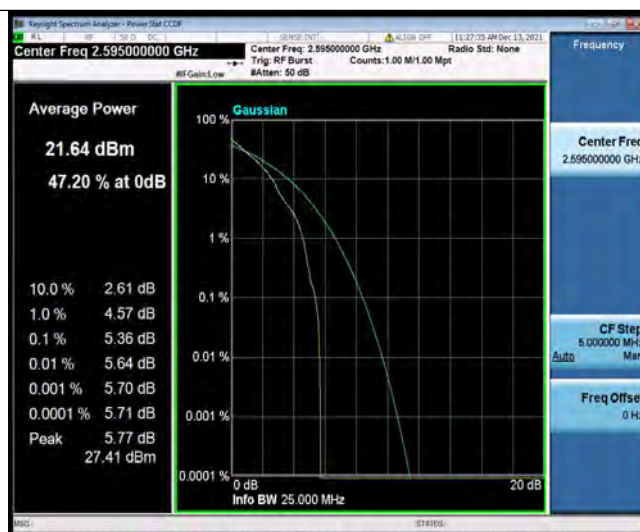
Band38-5MHz-64QAM-37775-1RB#0



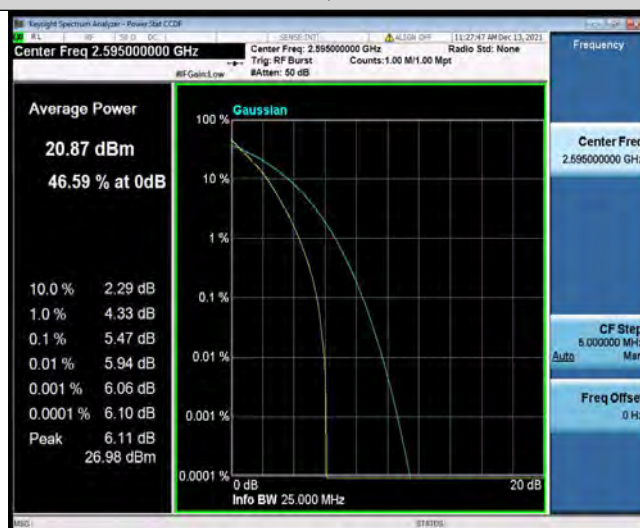
Band38-5MHz-64QAM-37775-25RB#0



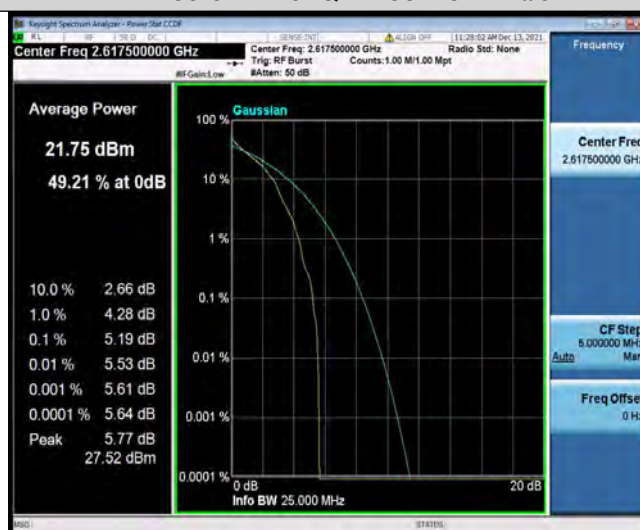
Band38-5MHz-64QAM-38000-1RB#0



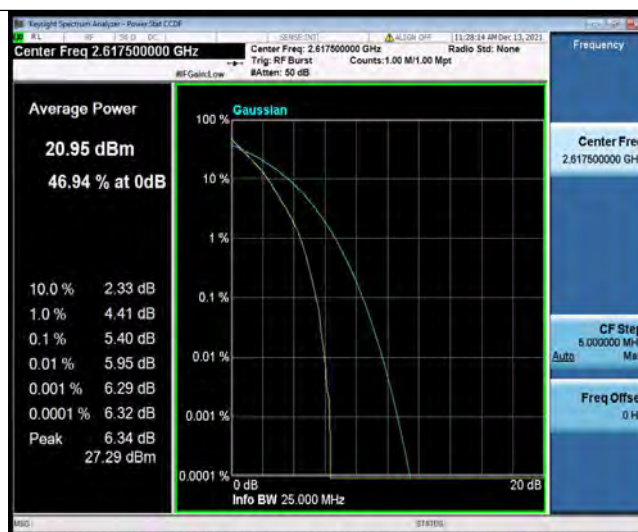
Band38-5MHz-64QAM-38000-25RB#0



Band38-5MHz-64QAM-38225-1RB#0



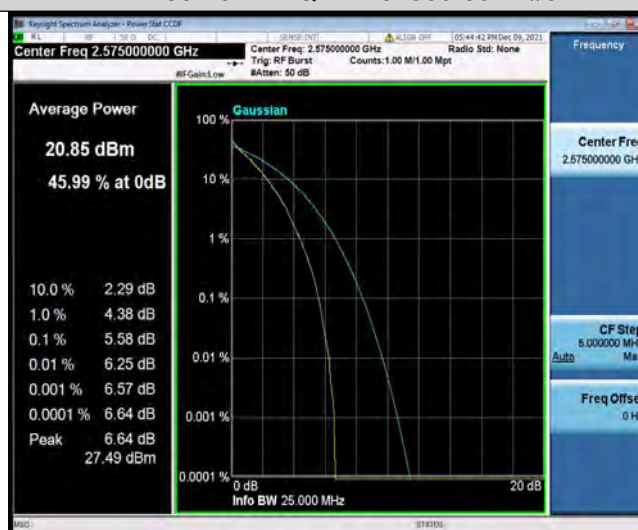
Band38-5MHz-64QAM-38225-25RB#0



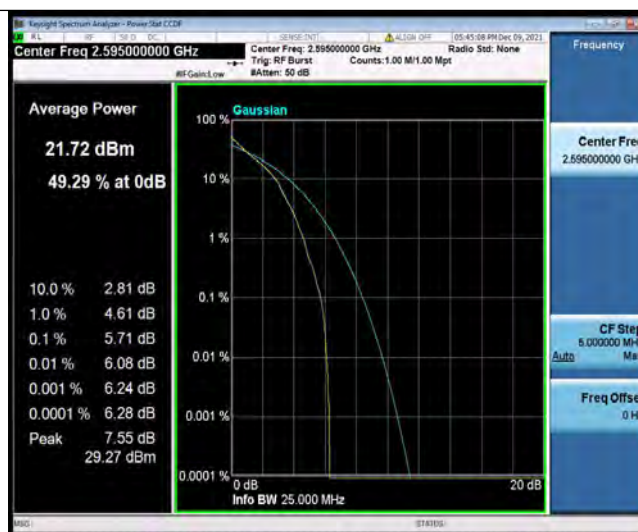
Band38-10MHz-QPSK-37800-1RB#0



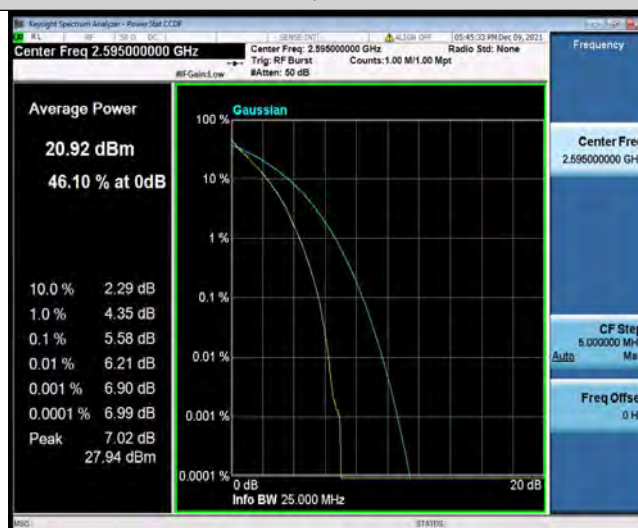
Band38-10MHz-QPSK-37800-50RB#0



Band38-10MHz-QPSK-38000-1RB#0



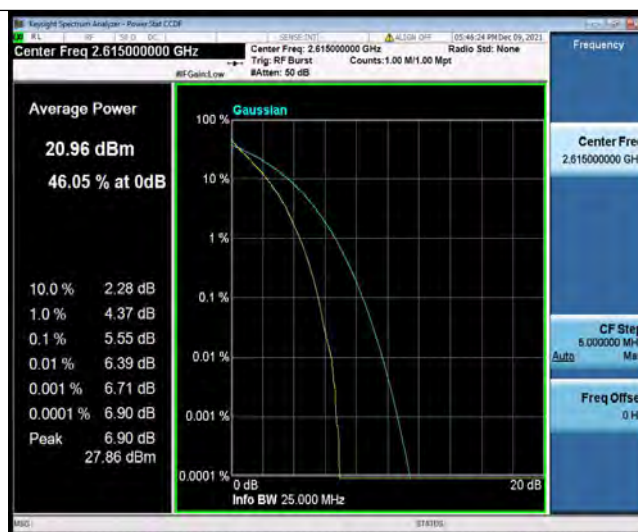
Band38-10MHz-QPSK-38000-50RB#0



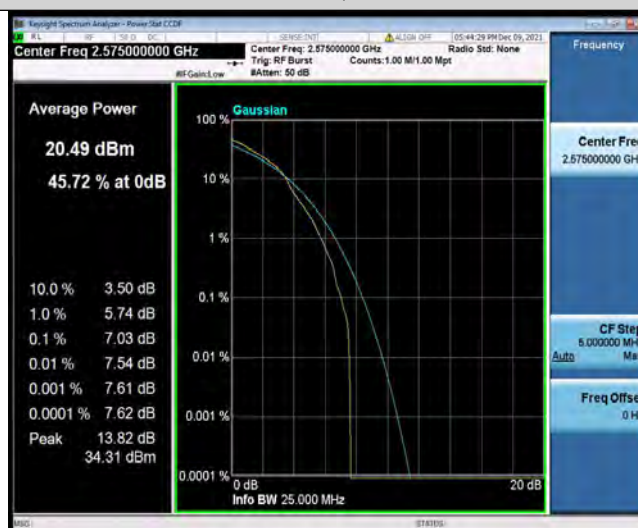
Band38-10MHz-QPSK-38200-1RB#0



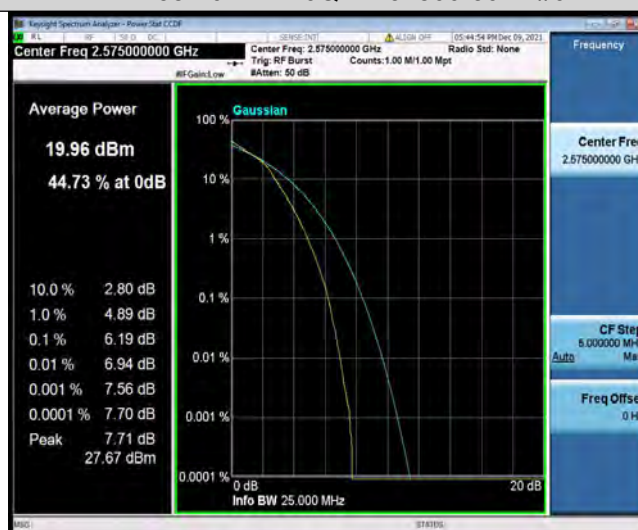
Band38-10MHz-QPSK-38200-50RB#0



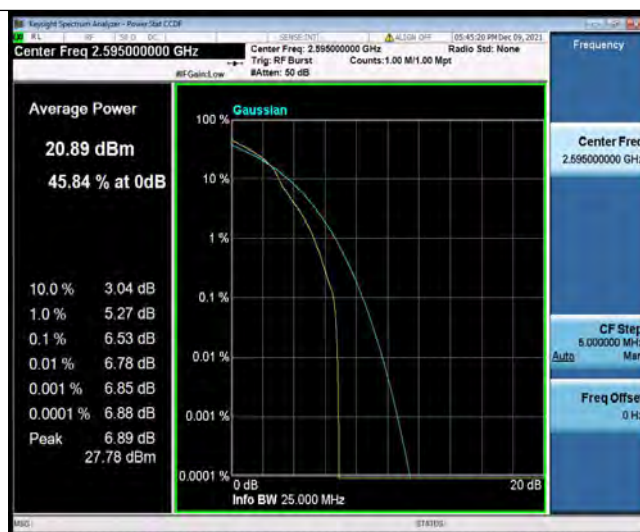
Band38-10MHz-16QAM-37800-1RB#0



Band38-10MHz-16QAM-37800-50RB#0



Band38-10MHz-16QAM-38000-1RB#0



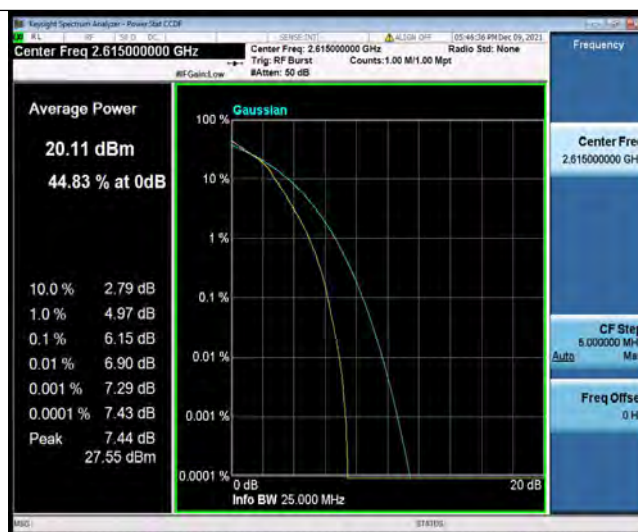
Band38-10MHz-16QAM-38000-50RB#0



Band38-10MHz-16QAM-38200-1RB#0



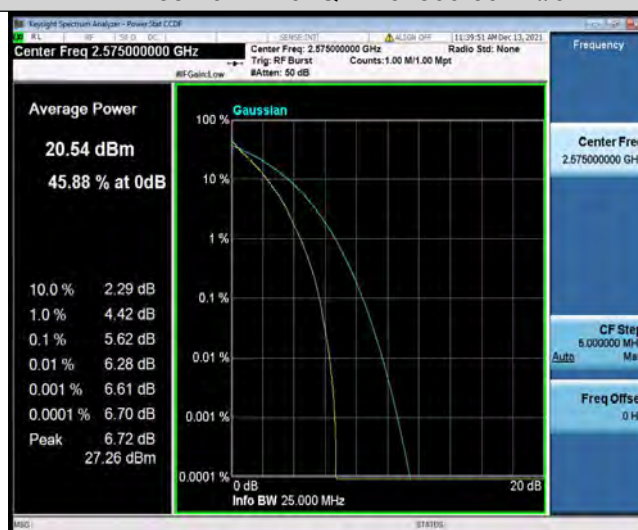
Band38-10MHz-16QAM-38200-50RB#0



Band38-10MHz-64QAM-37800-1RB#0



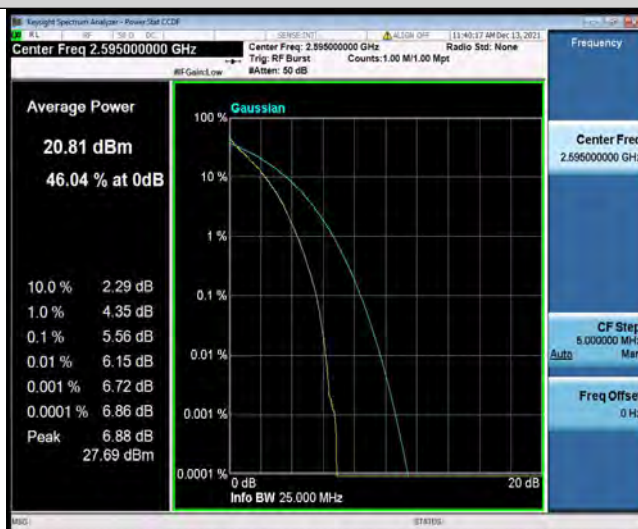
Band38-10MHz-64QAM-37800-50RB#0



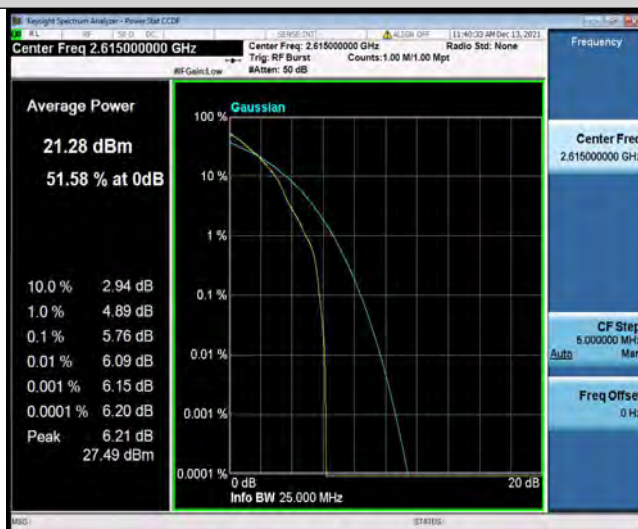
Band38-10MHz-64QAM-38000-1RB#0



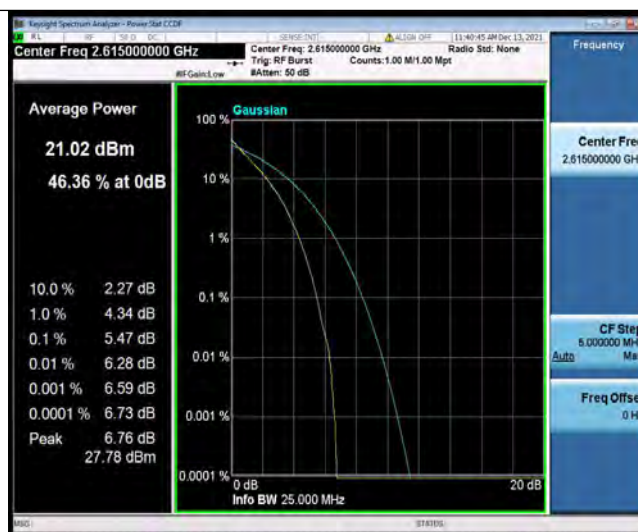
Band38-10MHz-64QAM-38000-50RB#0



Band38-10MHz-64QAM-38200-1RB#0



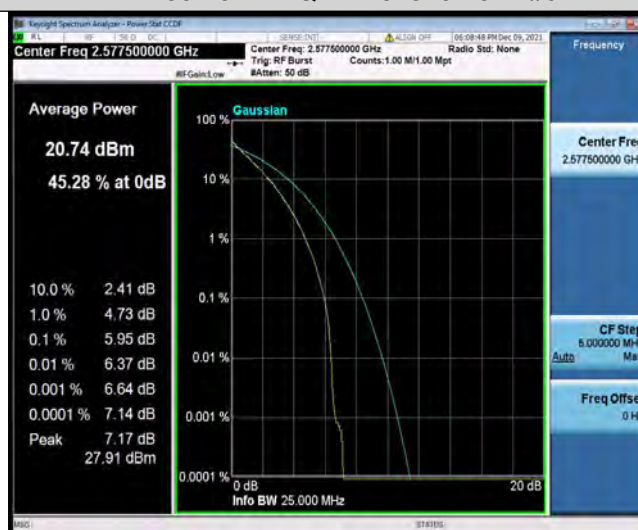
Band38-10MHz-64QAM-38200-50RB#0



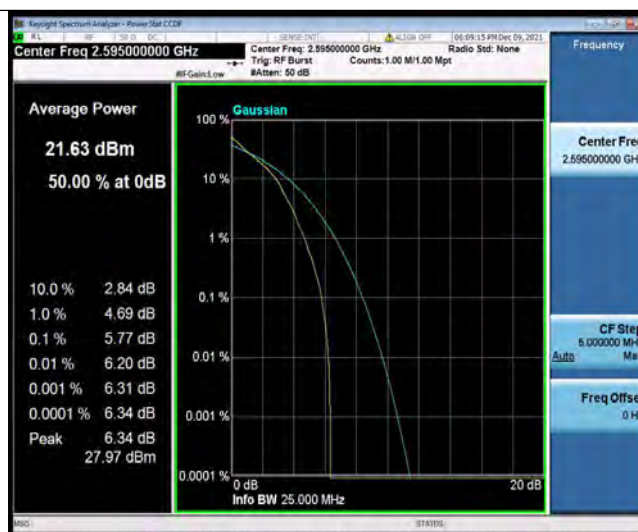
Band38-15MHz-QPSK-37825-1RB#0



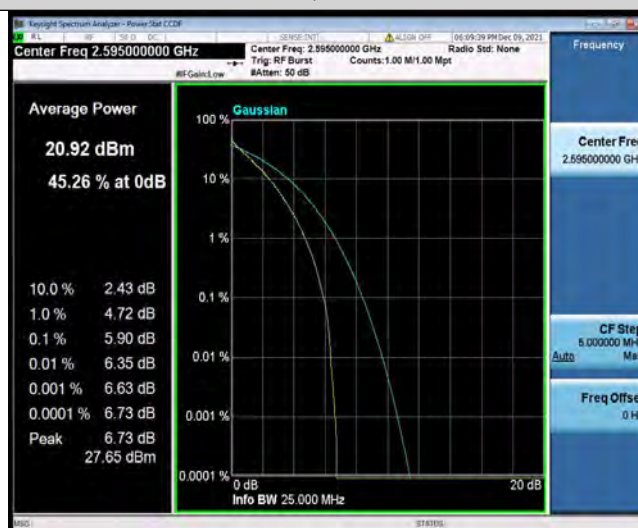
Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38000-1RB#0



Band38-15MHz-QPSK-38000-75RB#0



Band38-15MHz-QPSK-38175-1RB#0



Band38-15MHz-QPSK-38175-75RB#0