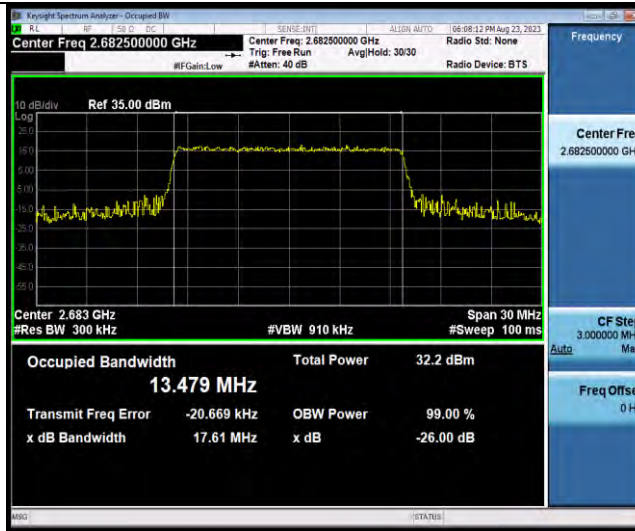


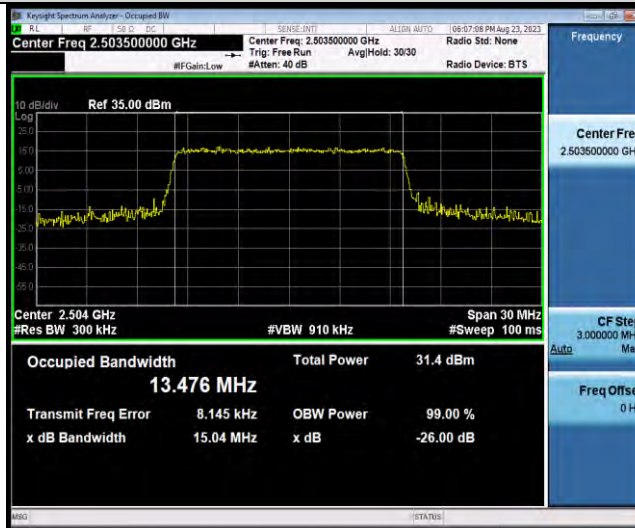


BUREAU VERITAS

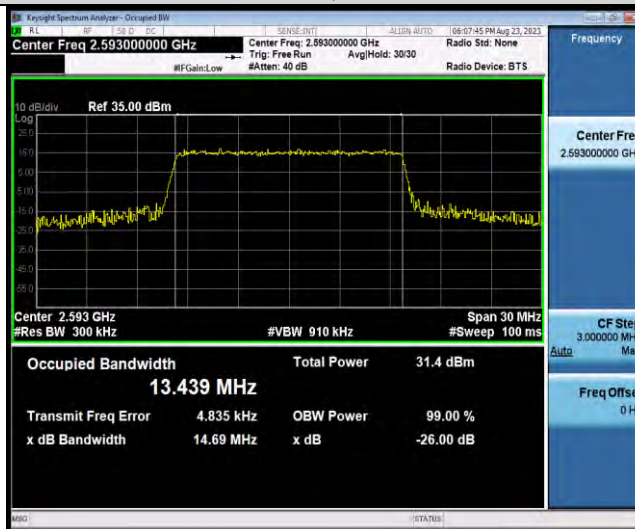
Test Report No.: W7L-P23080006RF07



Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-40620-75RB#0

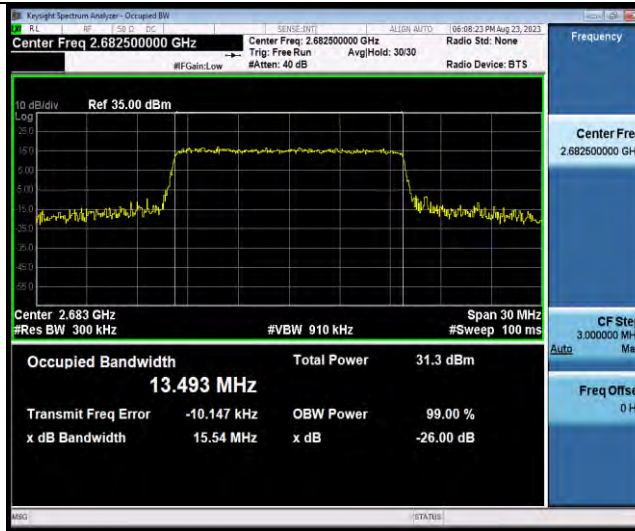


Band41-15MHz-16QAM-41515-75RB#0

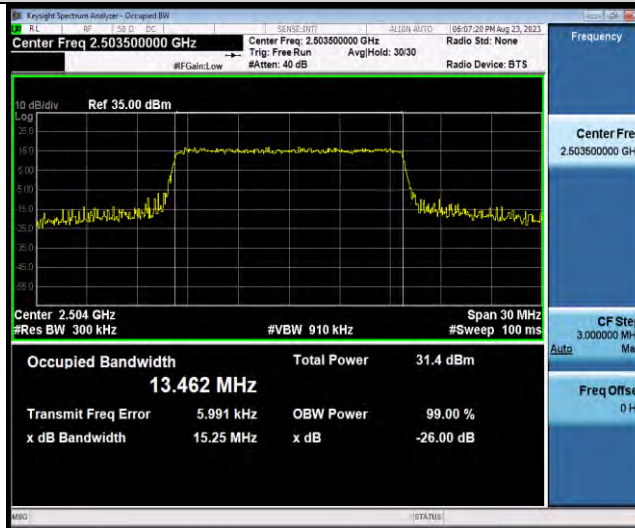


BUREAU VERITAS

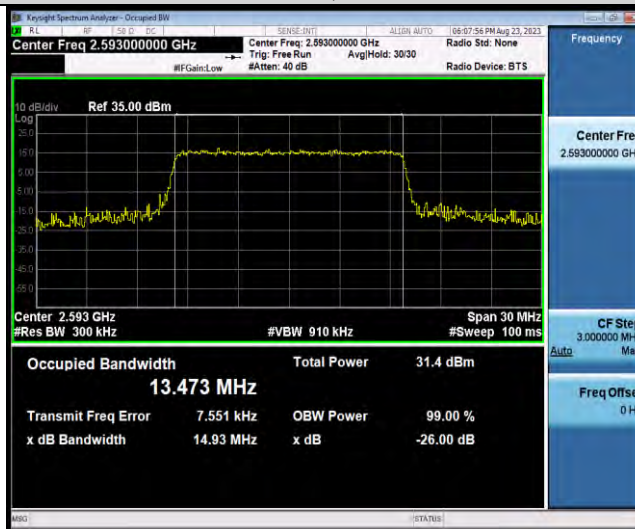
Test Report No.: W7L-P23080006RF07



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-40620-75RB#0

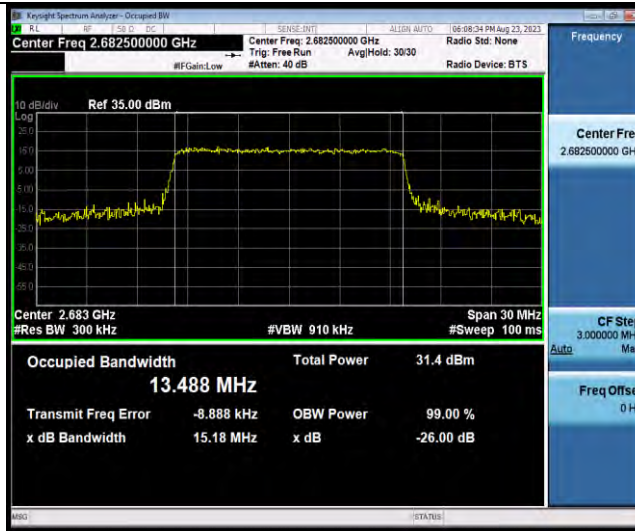


Band41-15MHz-64QAM-41515-75RB#0

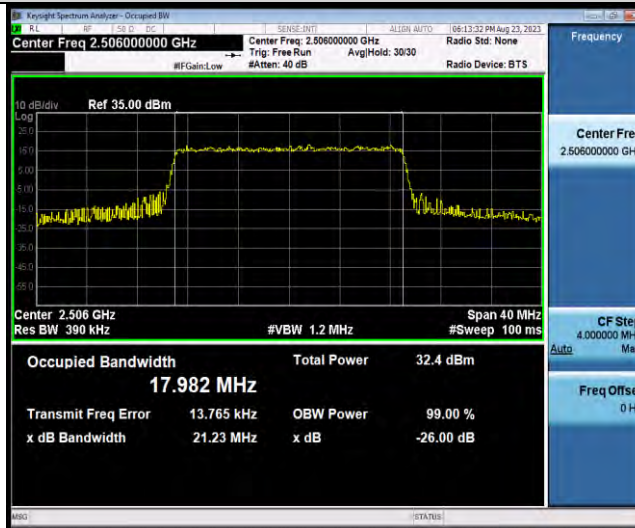


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0

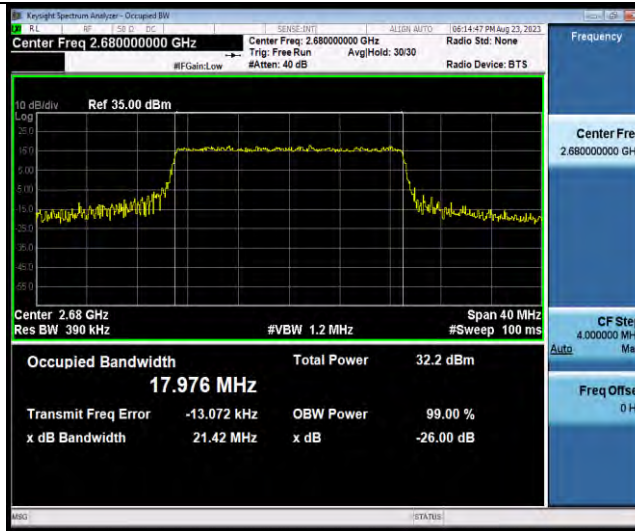


Band41-20MHz-QPSK-41490-100RB#0

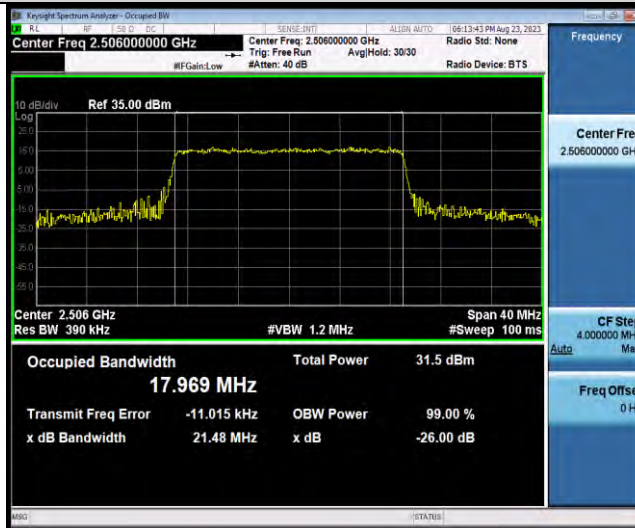


BUREAU VERITAS

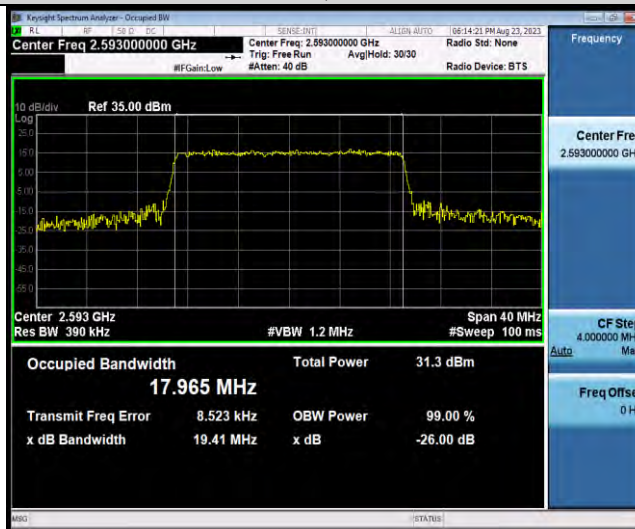
Test Report No.: W7L-P23080006RF07



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0

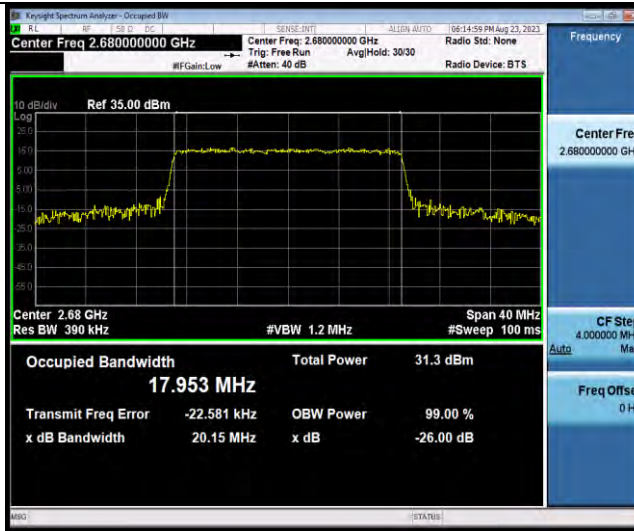


Band41-20MHz-16QAM-41490-100RB#0

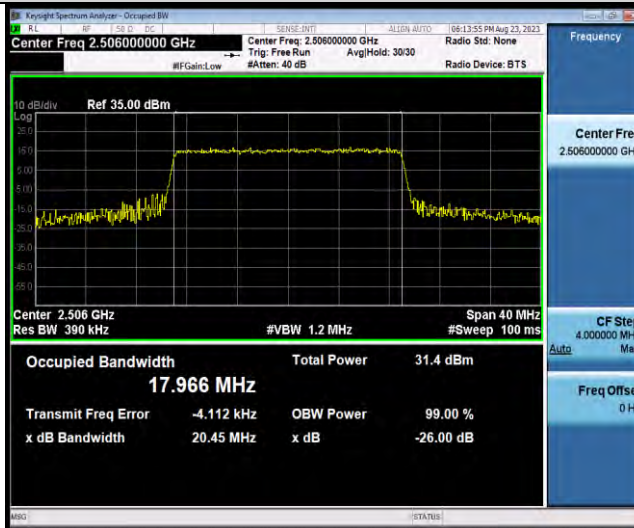


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0

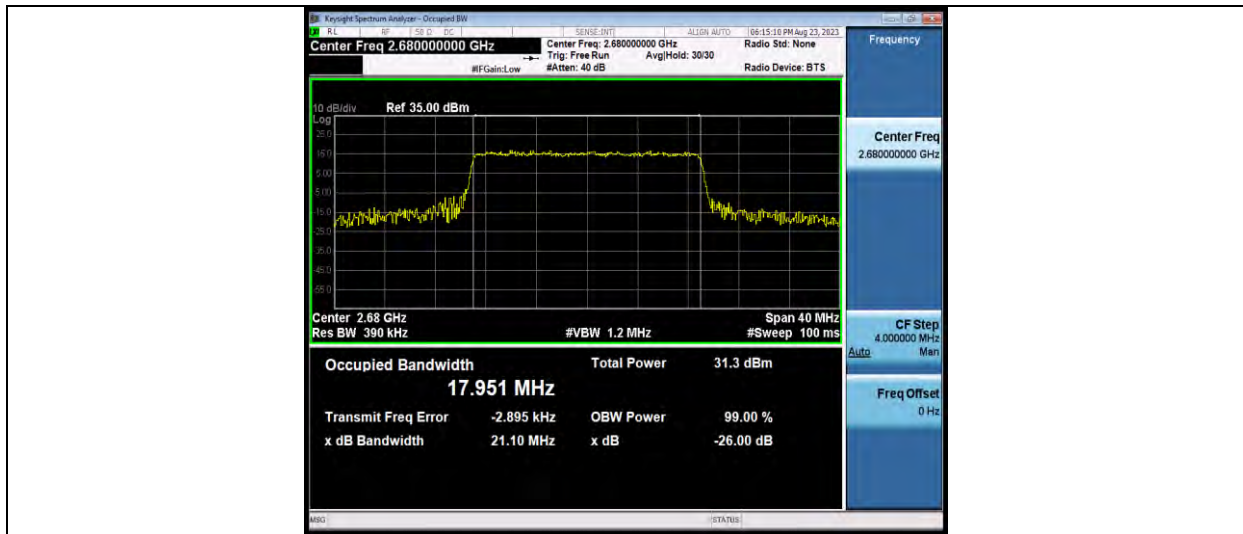


Band41-20MHz-64QAM-41490-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-P23080006RF07





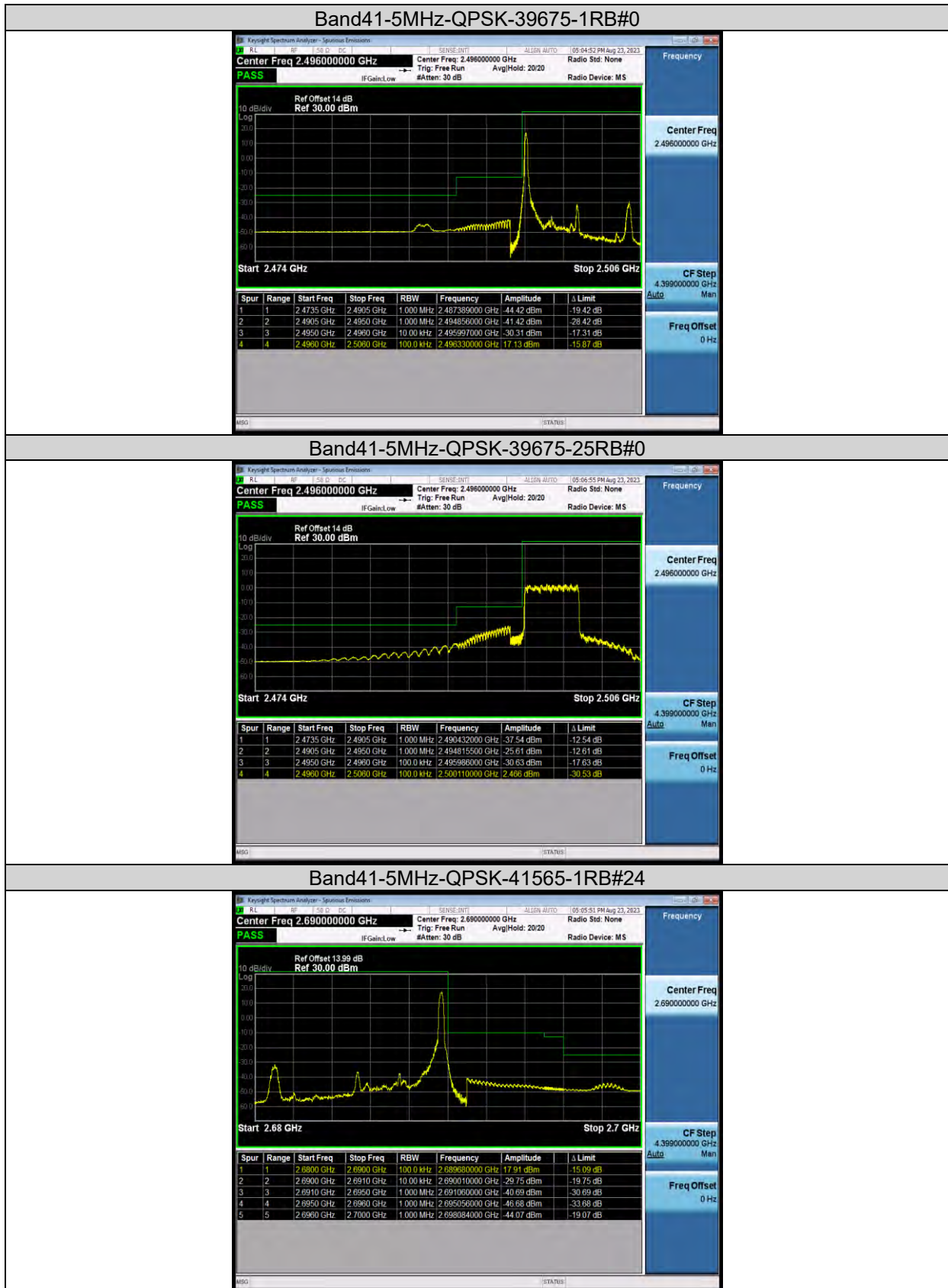
Test Report No.: W7L-P23080006RF07

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-44.42,-41.42,-30.31	PASS
Band41	5MHz	QPSK	39675	25RB#0	-37.54,-25.61,-30.63	PASS
Band41	5MHz	QPSK	41565	1RB#24	-29.75,-40.69,-46.68	PASS
Band41	5MHz	QPSK	41565	25RB#0	-32.93,-30.10,-35.97	PASS
Band41	5MHz	16QAM	39675	1RB#0	-44.99,-41.68,-29.44	PASS
Band41	5MHz	16QAM	39675	25RB#0	-38.69,-29.17,-33.33	PASS
Band41	5MHz	16QAM	41565	1RB#24	-29.73,-40.10,-47.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	-35.73,-29.93,-35.16	PASS
Band41	5MHz	64QAM	39675	1RB#0	-44.98,-40.78,-31.84	PASS
Band41	5MHz	64QAM	39675	25RB#0	-37.98,-28.47,-34.07	PASS
Band41	5MHz	64QAM	41565	1RB#24	-29.07,-41.54,-47.25	PASS
Band41	5MHz	64QAM	41565	25RB#0	-35.92,-29.25,-34.79	PASS
Band41	10MHz	QPSK	39700	1RB#0	-45.44,-42.45,-38.42	PASS
Band41	10MHz	QPSK	39700	50RB#0	27.45,-32.94,-27.36	PASS
Band41	10MHz	QPSK	41540	1RB#49	-33.06,-42.27,-46.41	PASS
Band41	10MHz	QPSK	41540	50RB#0	-32.92,-38.23,-32.31	PASS
Band41	10MHz	16QAM	39700	1RB#0	-46.51,-42.10,-33.39	PASS
Band41	10MHz	16QAM	39700	50RB#0	-35.20,-30.73,-44.29	PASS
Band41	10MHz	16QAM	41540	1RB#49	-38.03,-42.79,-46.69	PASS
Band41	10MHz	16QAM	41540	50RB#0	-44.30,-31.90,-32.89	PASS
Band41	10MHz	64QAM	39700	1RB#0	-45.75,-42.63,-34.51	PASS
Band41	10MHz	64QAM	39700	50RB#0	-35.28,-30.98,-44.54	PASS
Band41	10MHz	64QAM	41540	1RB#49	-33.14,-42.51,-45.95	PASS
Band41	10MHz	64QAM	41540	50RB#0	-35.03,-31.36,-33.43	PASS
Band41	15MHz	QPSK	39725	1RB#0	-45.00,-42.70,-37.28	PASS
Band41	15MHz	QPSK	39725	75RB#0	-29.38,-26.86,-28.86	PASS
Band41	15MHz	QPSK	41515	1RB#74	-39.19,-42.21,-45.40	PASS
Band41	15MHz	16QAM	39725	1RB#0	-45.26,-43.44,-39.34	PASS
Band41	15MHz	16QAM	39725	75RB#0	-34.12,-30.34,-33.92	PASS
Band41	15MHz	16QAM	41515	1RB#74	-39.75,-42.26,-44.59	PASS
Band41	15MHz	64QAM	39725	1RB#0	-45.23,-42.99,-40.70	PASS
Band41	15MHz	64QAM	39725	75RB#0	-34.21,-29.83,-34.03	PASS
Band41	15MHz	64QAM	41515	1RB#74	-38.79,-43.15,-44.28	PASS
Band41	20MHz	QPSK	39750	1RB#0	-44.52,-44.16,-39.59	PASS
Band41	20MHz	QPSK	39750	100RB#0	-33.59,-30.49,-32.74	PASS
Band41	20MHz	QPSK	41490	1RB#99	-39.08,-43.98,-45.48	PASS
Band41	20MHz	QPSK	41490	100RB#0	-34.89,-32.90,-34.44	PASS
Band41	20MHz	16QAM	39750	1RB#0	-45.22,-44.92,-40.44	PASS
Band41	20MHz	16QAM	39750	100RB#0	-35.56,-34.22,-36.11	PASS
Band41	20MHz	16QAM	41490	1RB#99	-39.94,-44.10,-46.16	PASS
Band41	20MHz	16QAM	41490	100RB#0	-37.48,-33.82,-34.85	PASS
Band41	20MHz	64QAM	39750	1RB#0	-45.66,-44.72,-40.76	PASS
Band41	20MHz	64QAM	39750	100RB#0	-35.32,-33.19,-34.99	PASS
Band41	20MHz	64QAM	41490	1RB#99	-40.38,-44.33,-46.53	PASS
Band41	20MHz	64QAM	41490	100RB#0	-37.35,-33.45,-33.96	PASS

Test Graphs

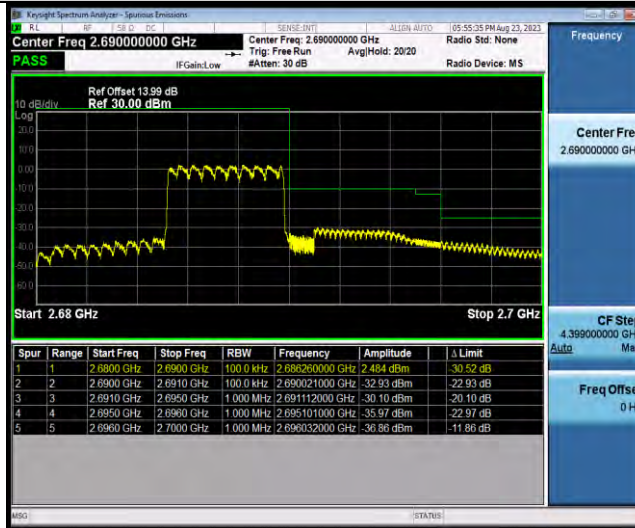




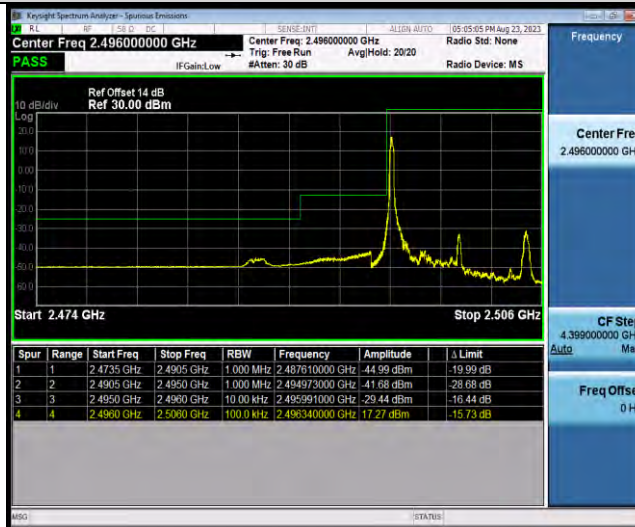
BUREAU VERITAS

Test Report No.: W7L-P23080006RF07

Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-1RB#0



Band41-5MHz-16QAM-39675-25RB#0

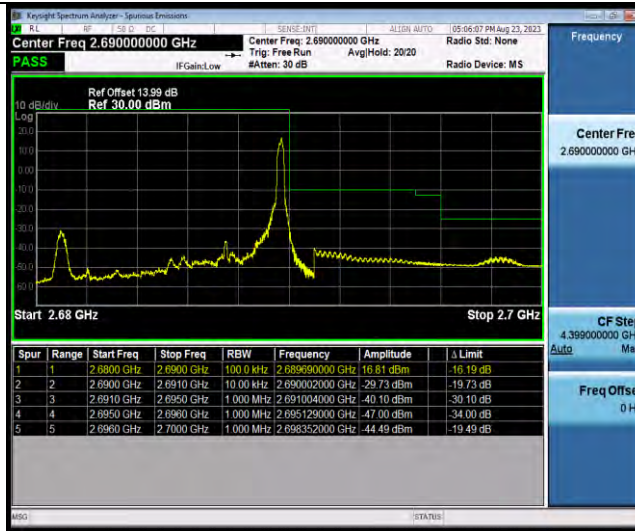


Band41-5MHz-16QAM-41565-1RB#24



BUREAU VERITAS

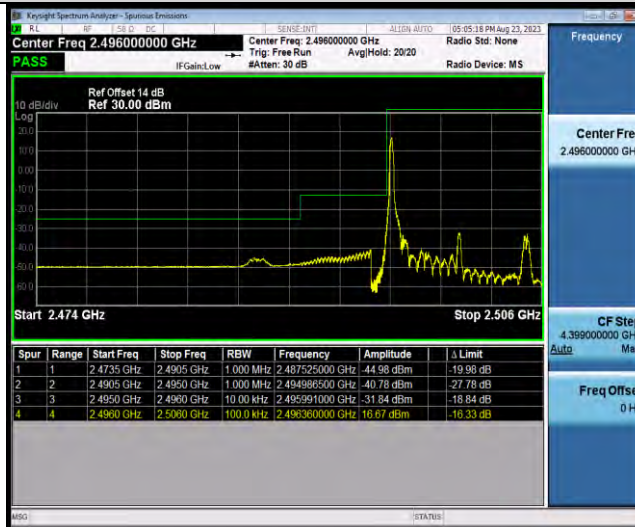
Test Report No.: W7L-P23080006RF07



Band41-5MHz-16QAM-41565-25RB#0



Band41-5MHz-64QAM-39675-1RB#0



Band41-5MHz-64QAM-39675-25RB#0

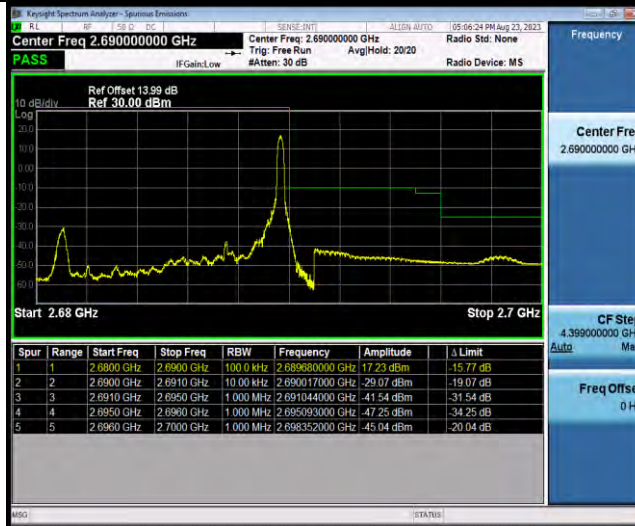


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-5MHz-64QAM-41565-1RB#24



Band41-5MHz-64QAM-41565-25RB#0

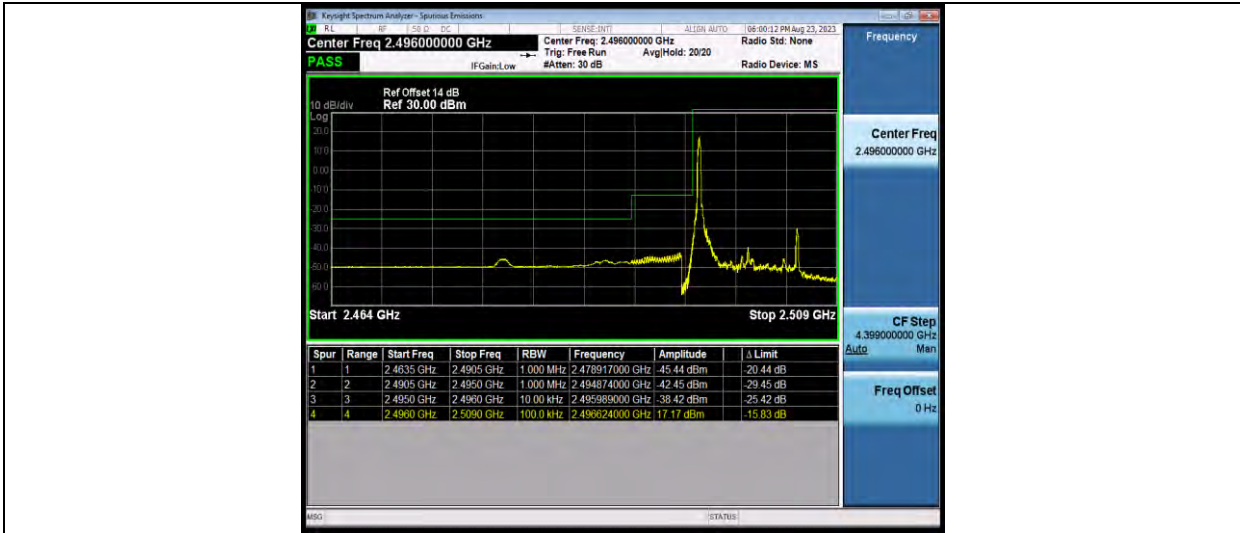


Band41-10MHz-QPSK-39700-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-1RB#49



Band41-10MHz-QPSK-41540-50RB#0

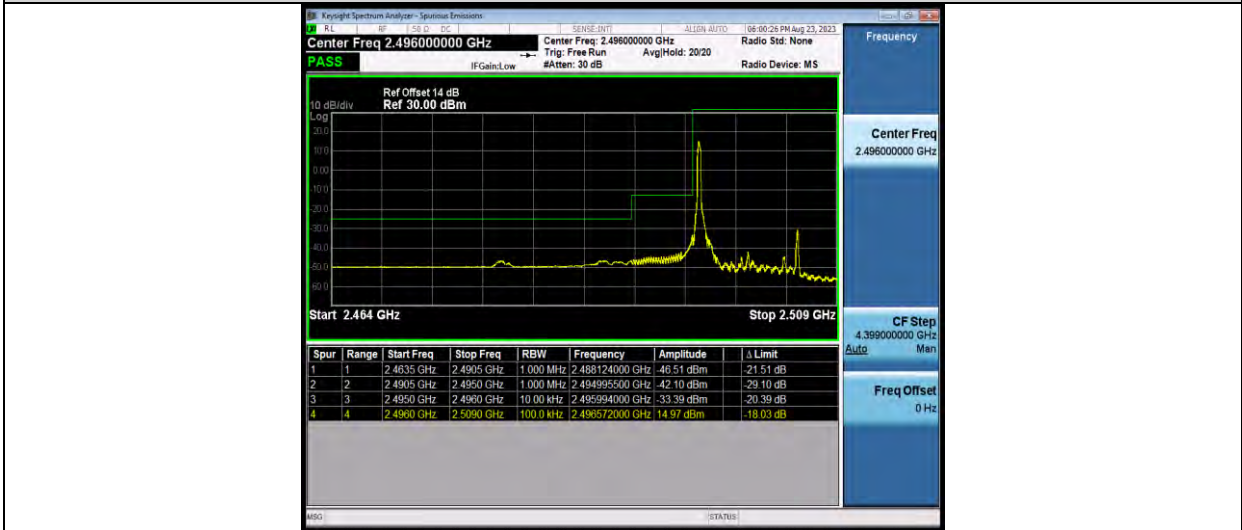


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-10MHz-16QAM-39700-1RB#0



Band41-10MHz-16QAM-39700-50RB#0

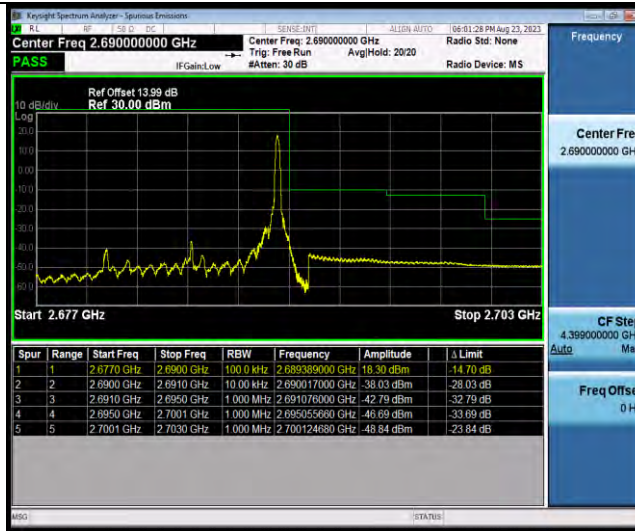


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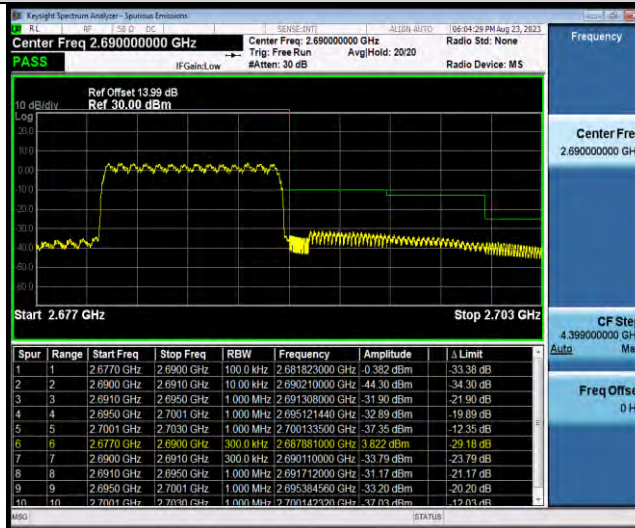


BUREAU VERITAS

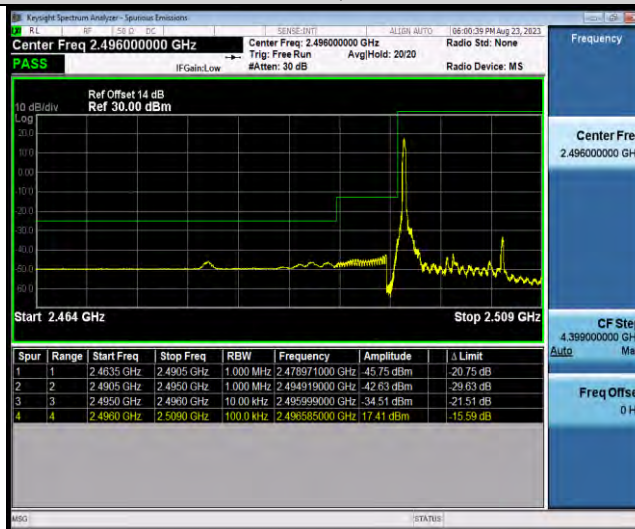
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Band41-10MHz-16QAM-41540-50RB#0



Band41-10MHz-64QAM-39700-1RB#0



Band41-10MHz-64QAM-39700-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-10MHz-64QAM-41540-1RB#9



Band41-10MHz-64QAM-41540-50RB#0

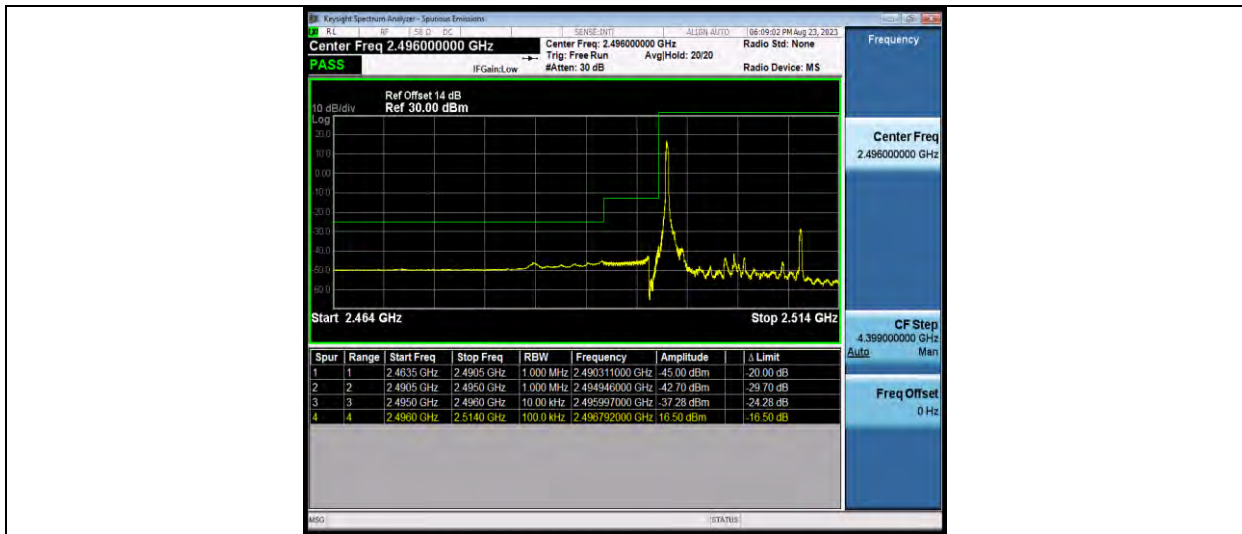


Band41-15MHz-QPSK-39725-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-41515-1RB#74

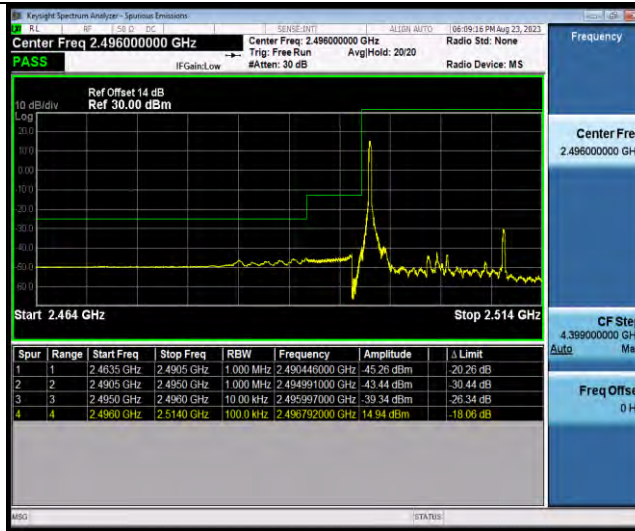


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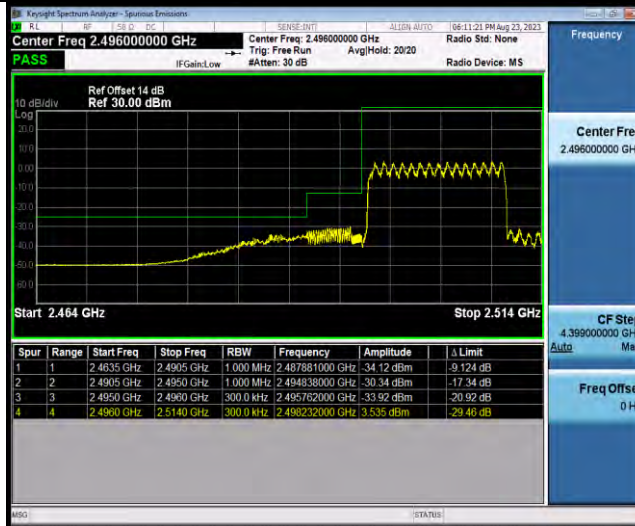


BUREAU VERITAS

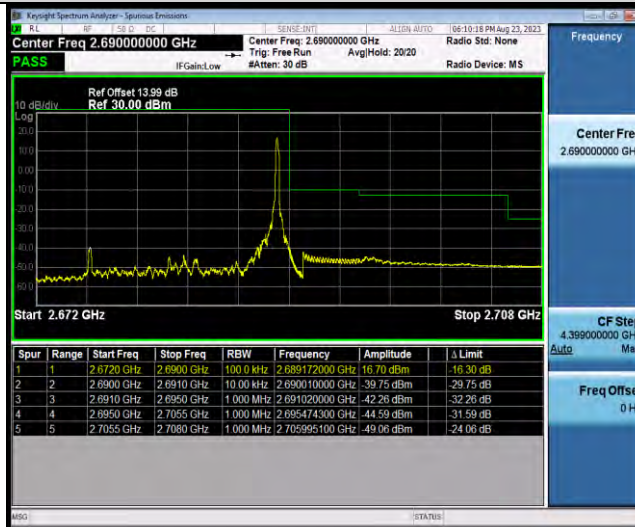
Test Report No.: W7L-P23080006RF07



Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-41515-1RB#74

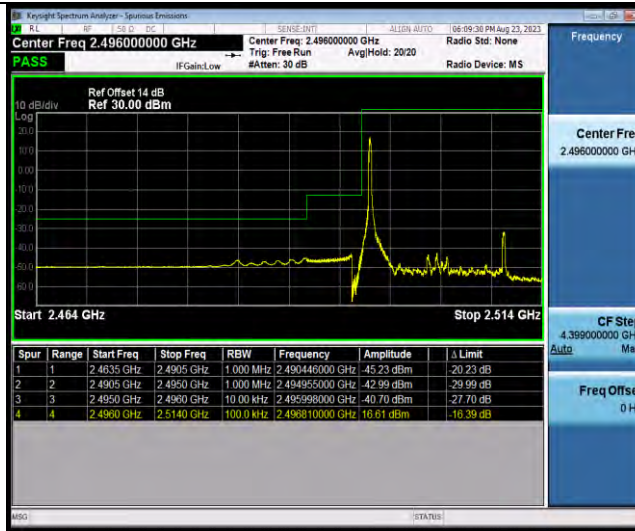


Band41-15MHz-64QAM-39725-1RB#0

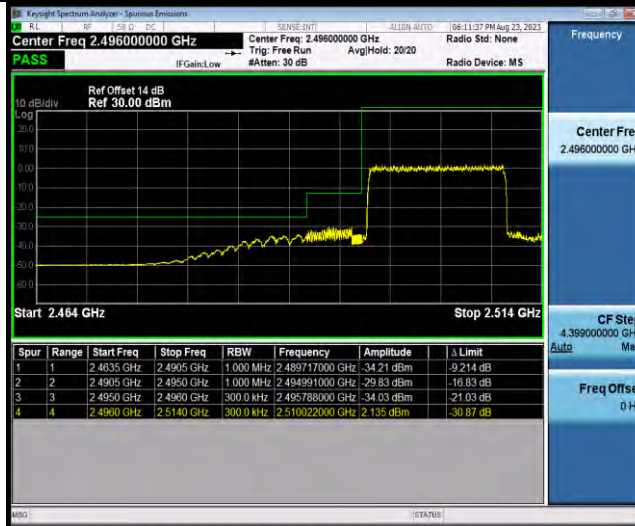


BUREAU VERITAS

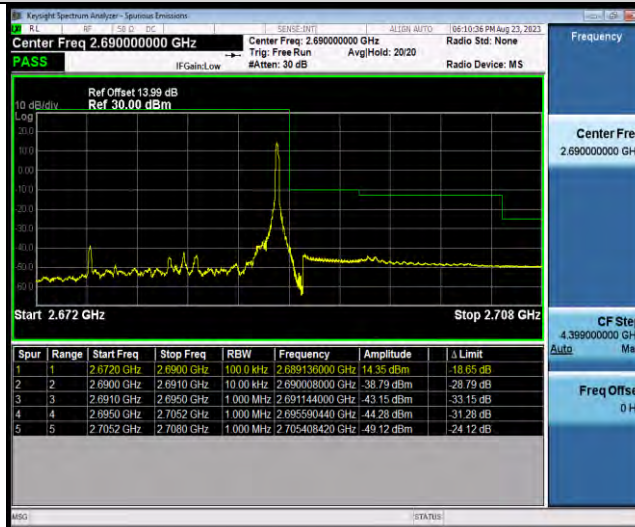
Test Report No.: W7L-P23080006RF07



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-41515-1RB#74

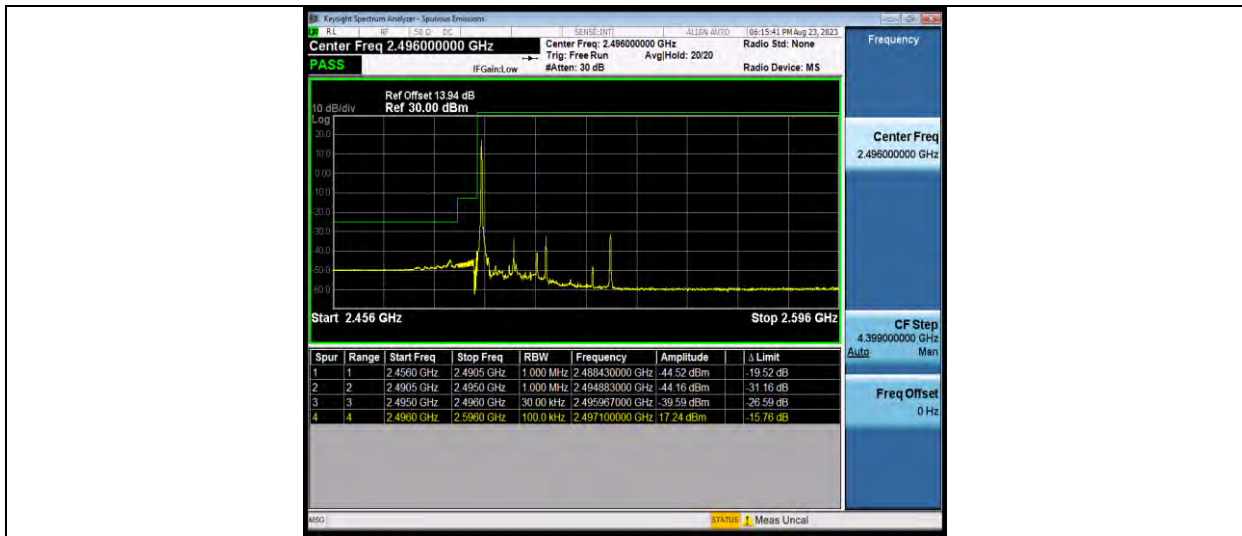


Band41-20MHz-QPSK-39750-1RB#0



BUREAU VERITAS

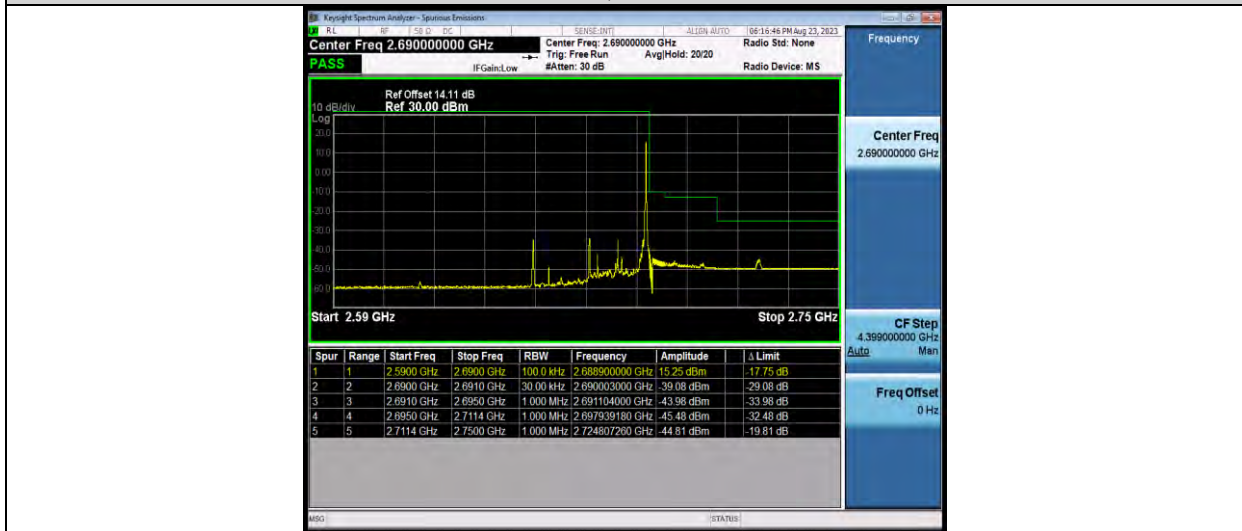
Test Report No.: W7L-P23080006RF07



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-41490-1RB#99



Band41-20MHz-QPSK-41490-100RB#0

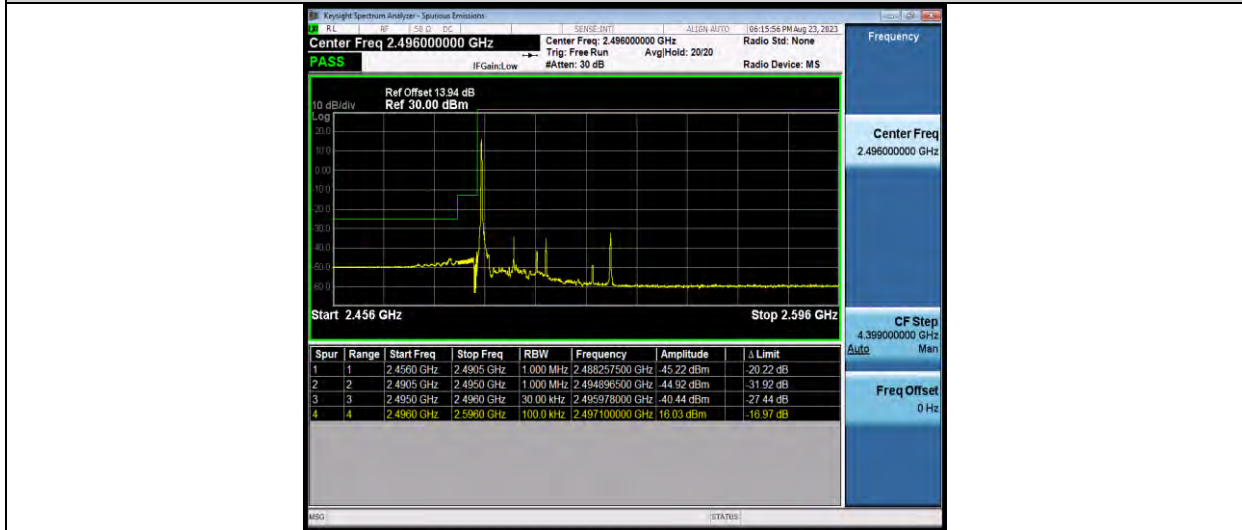


BUREAU VERITAS

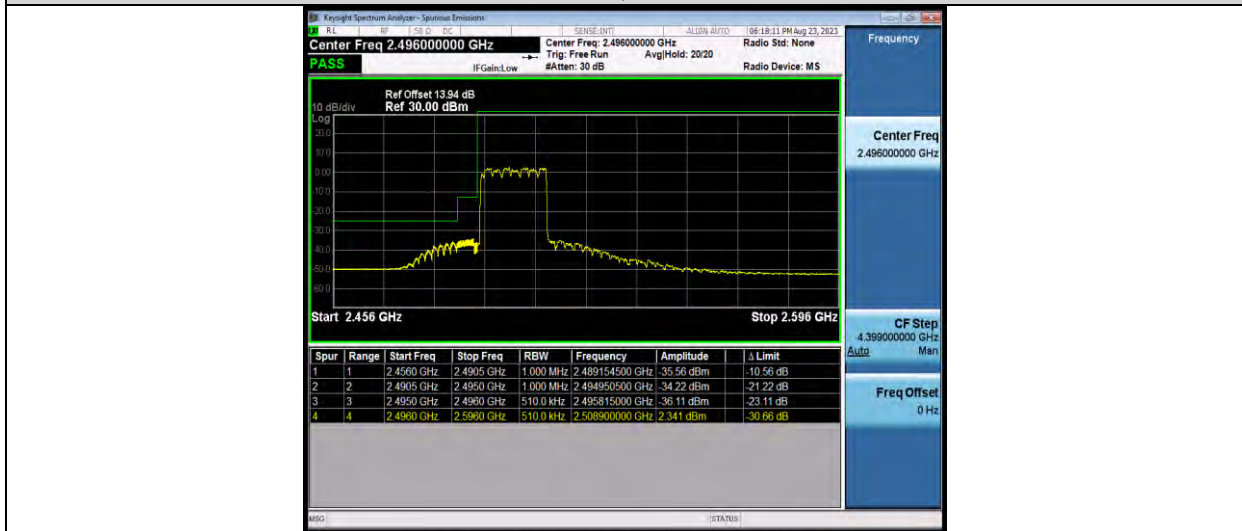
Test Report No.: W7L-P23080006RF07



Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-41490-1RB#99



BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-20MHz-16QAM-41490-100RB#0



Band41-20MHz-64QAM-39750-1RB#0



Band41-20MHz-64QAM-39750-100RB#0

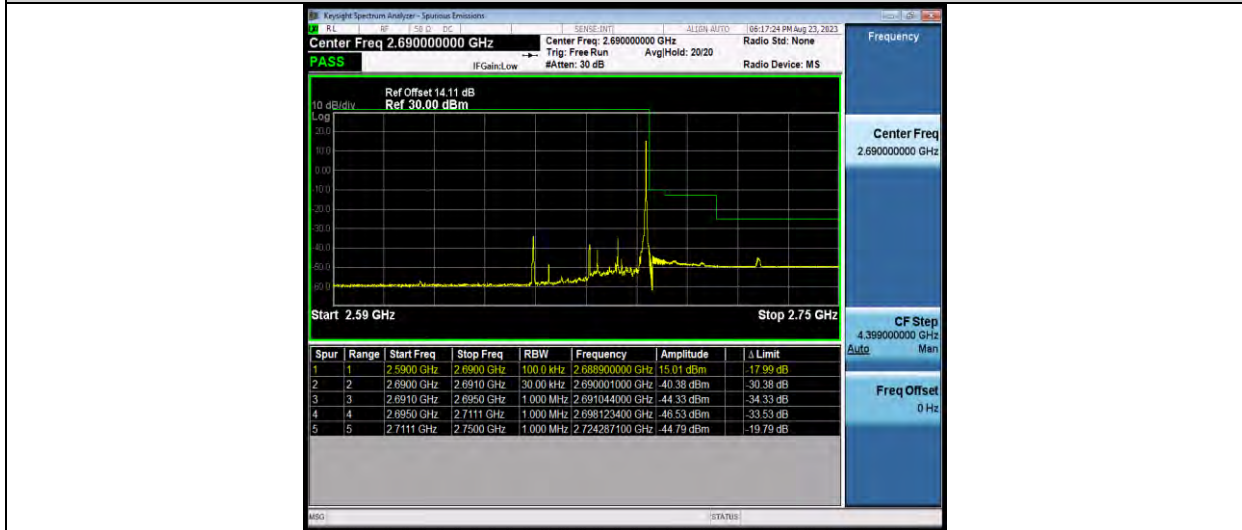


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-20MHz-64QAM-41490-1RB#99



Band41-20MHz-64QAM-41490-100RB#0





Test Report No.: W7L-P23080006RF07

CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-39.9	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-29.74	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-40.4	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-29.93	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-41.03	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~27000MHz	-30.81	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-40.38	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~27000MHz	-30.32	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-30.48	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-40.28	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~27000MHz	-30.56	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~27000MHz	-30.36	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-39.88	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-30.51	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-40.64	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~27000MHz	-30.71	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-40.24	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~27000MHz	-30.61	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-40.59	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-30.75	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-40.8	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~27000MHz	-29.85	PASS

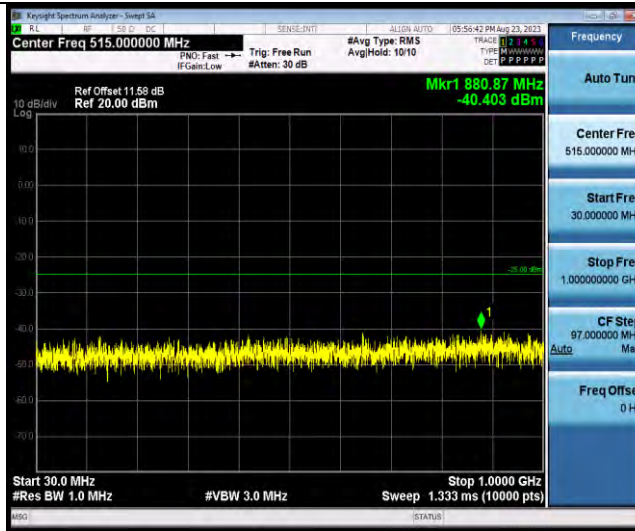
Test Graphs



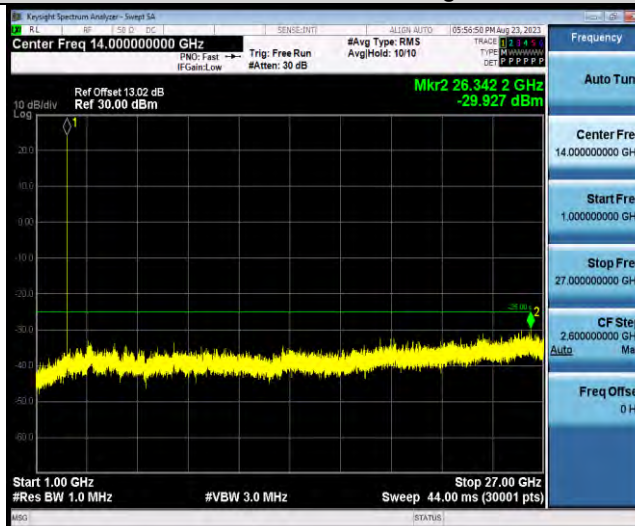


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz

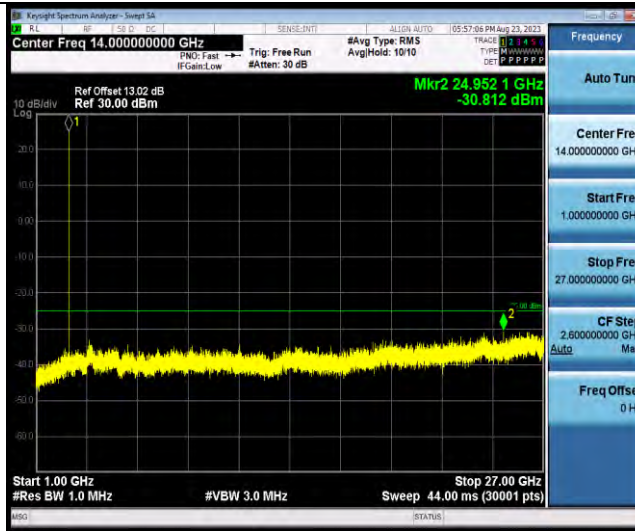


Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz

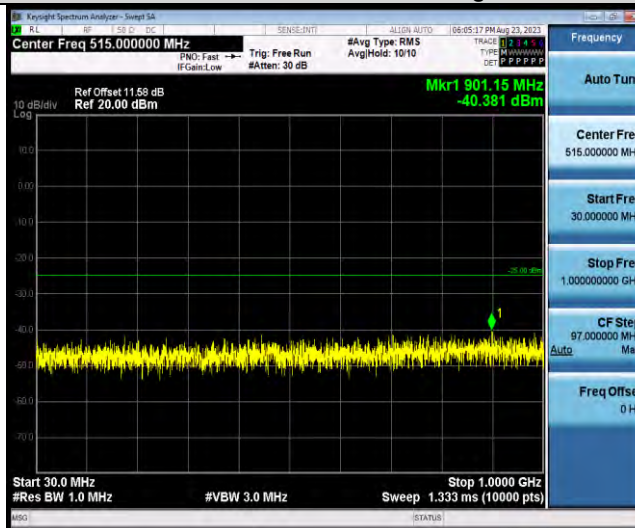


BUREAU VERITAS

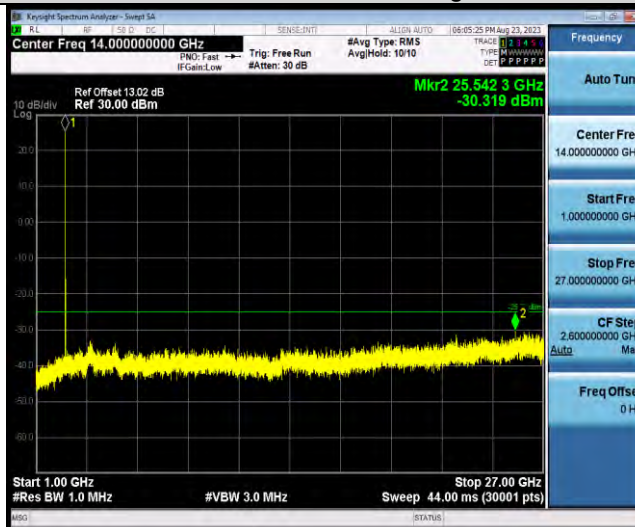
Test Report No.: W7L-P23080006RF07



Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~27000MHz

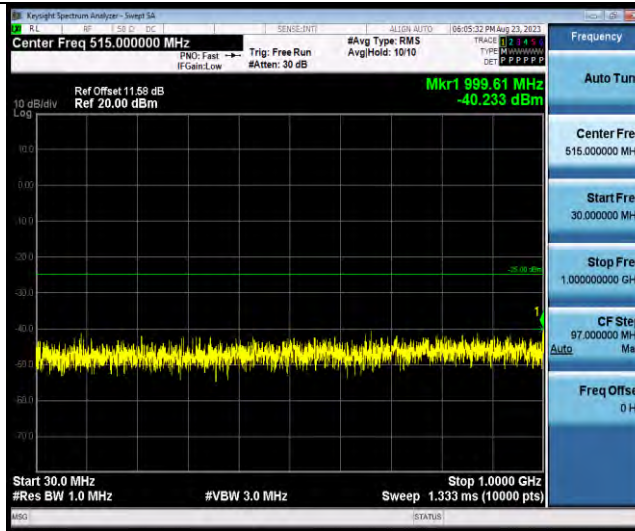


Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

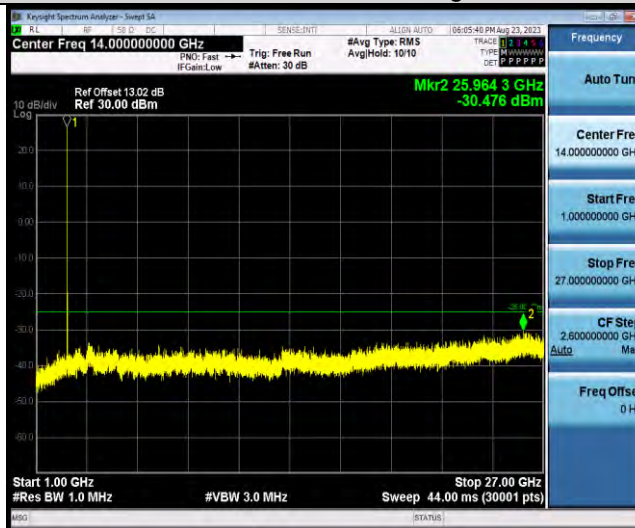


BUREAU VERITAS

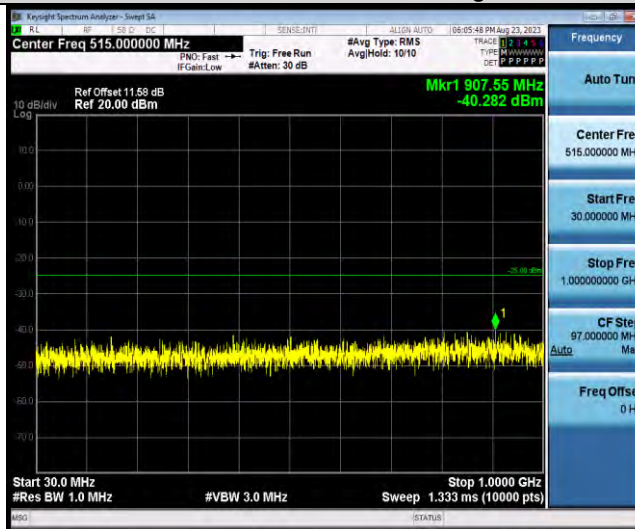
Test Report No.: W7L-P23080006RF07



Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz

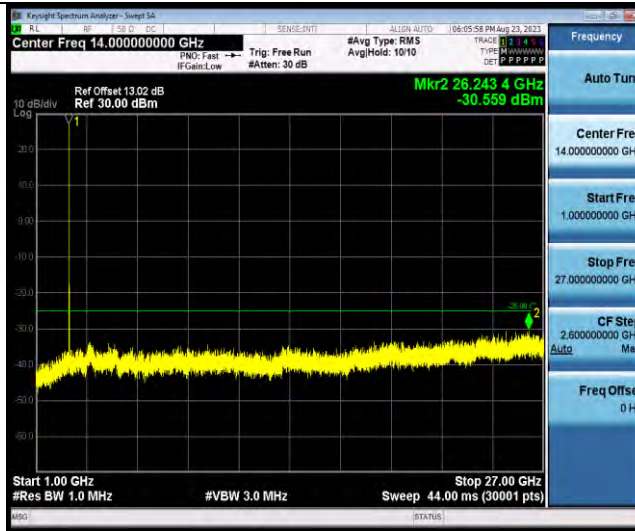


Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~27000MHz

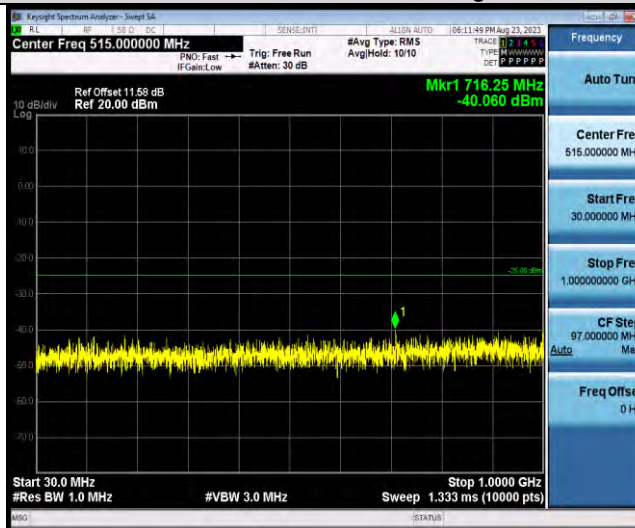


BUREAU VERITAS

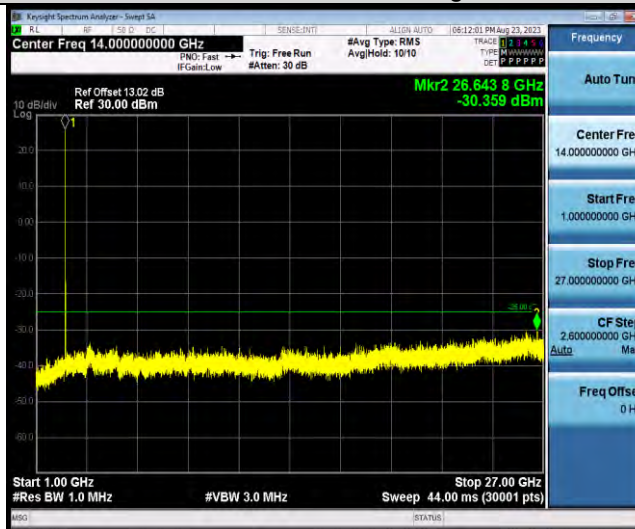
Test Report No.: W7L-P23080006RF07



Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~27000MHz

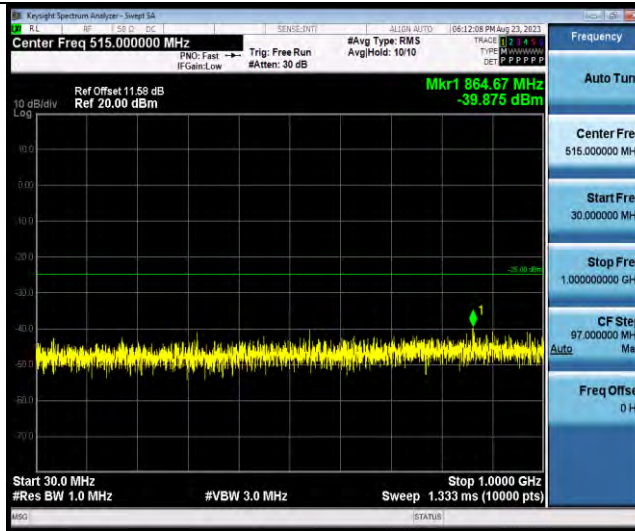


Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

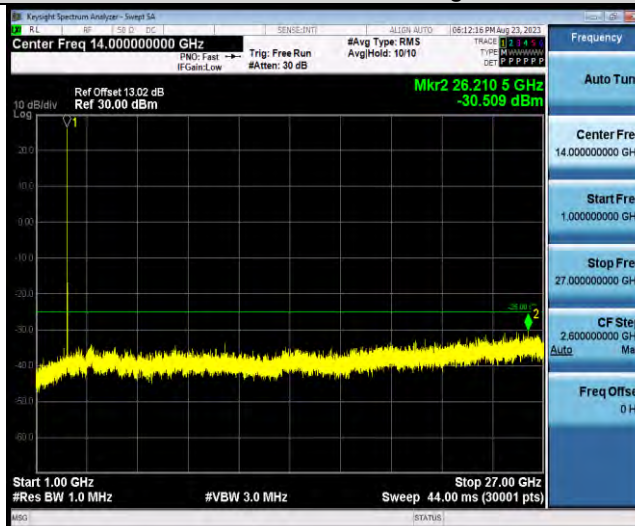


BUREAU VERITAS

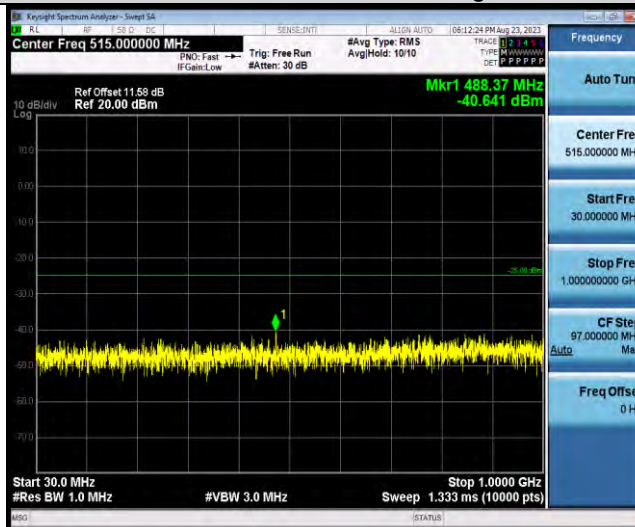
Test Report No.: W7L-P23080006RF07



Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz

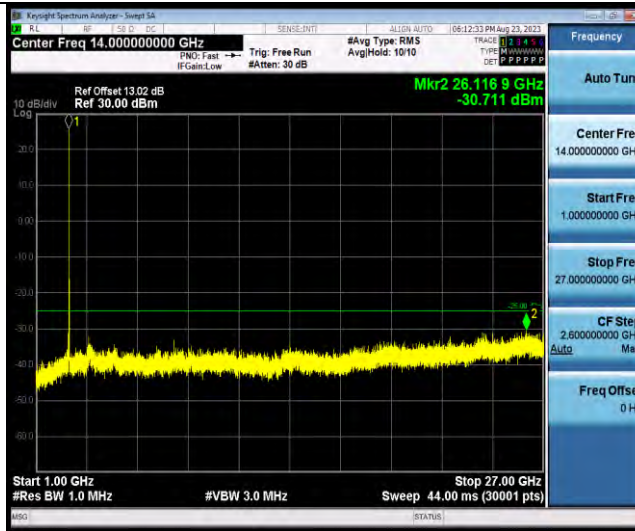


Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~27000MHz

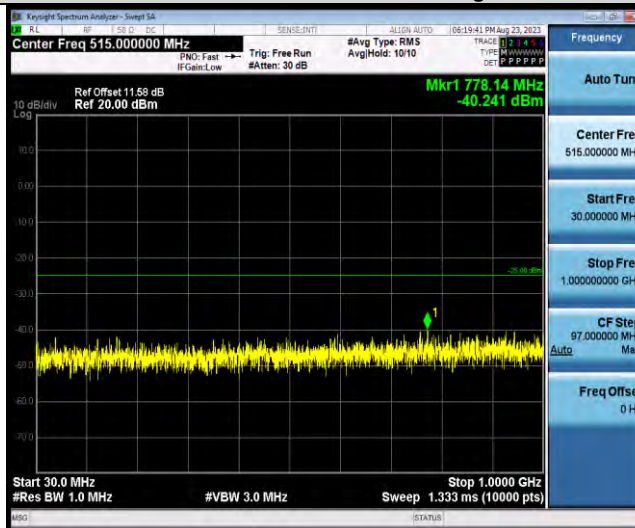


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~27000MHz

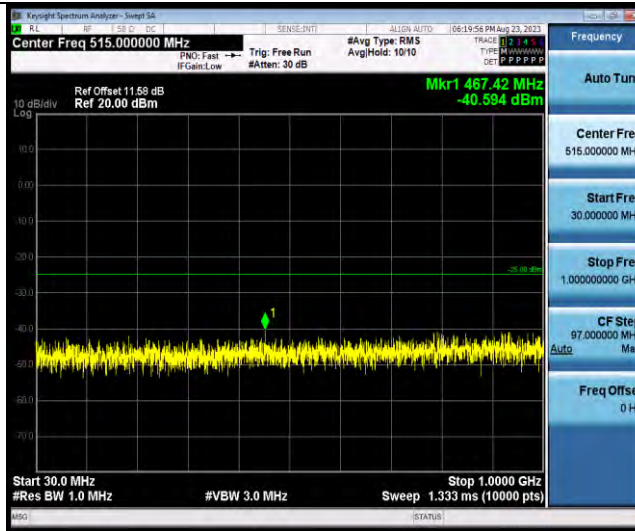


Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

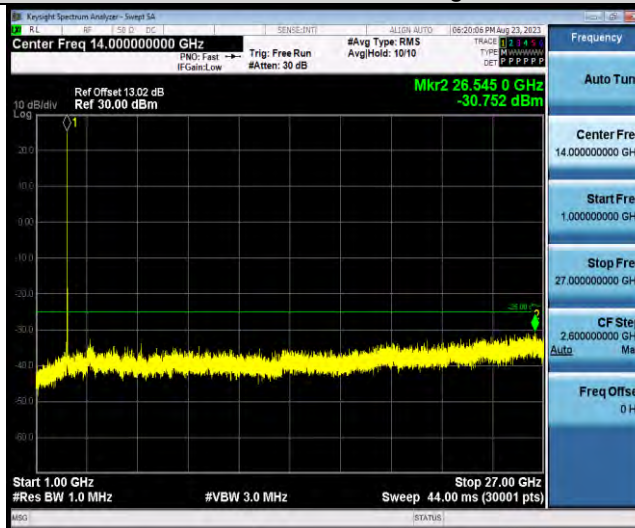


BUREAU VERITAS

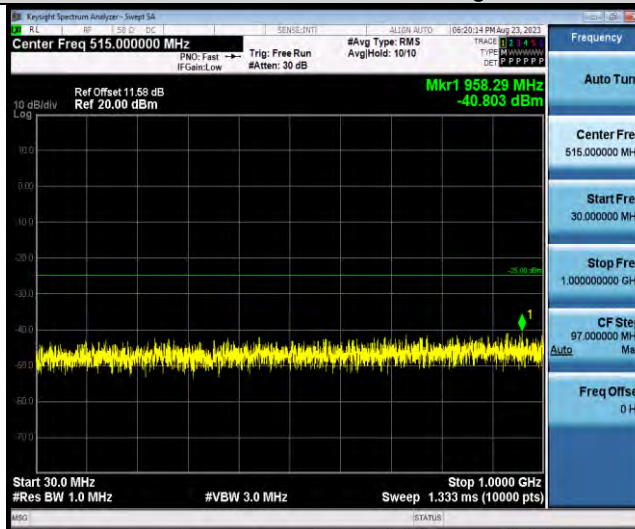
Test Report No.: W7L-P23080006RF07



Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz

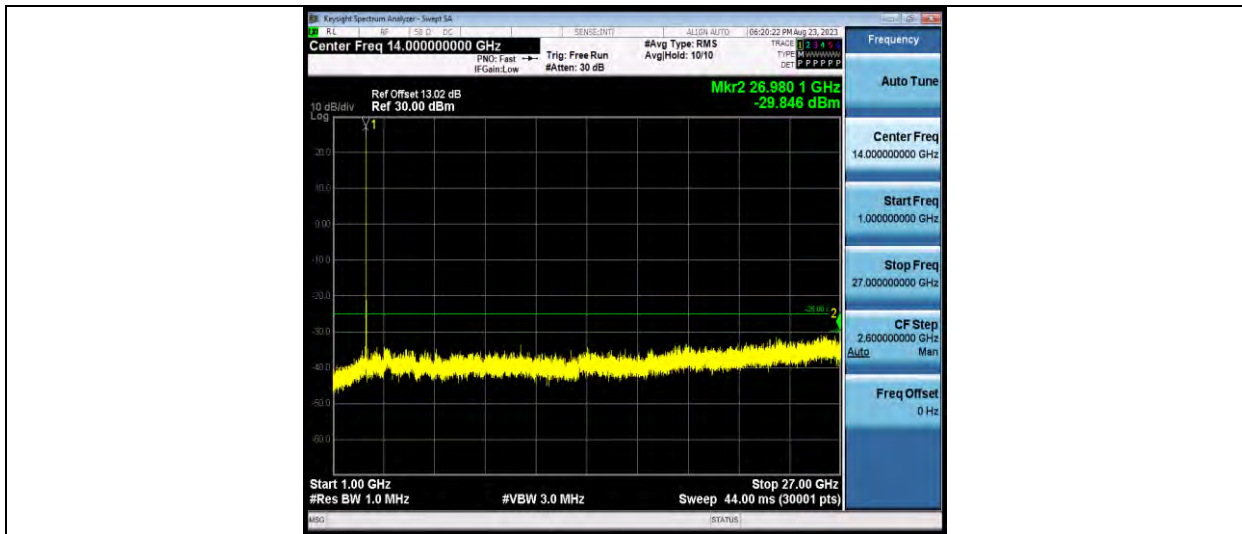


Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz



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VERITAS

Test Report No.: W7L-P23080006RF07





Test Report No.: W7L-P23080006RF07

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4_1	20MHz	QPSK	39750	100RB#0	LV	NT	-9.93	-0.003962	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	NT	-11.06	-0.004413	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	HV	NT	8.08	0.003224	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	LV	NT	-19.86	-0.007659	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	NV	NT	10.86	0.004188	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	HV	NT	-20.80	-0.008022	±2.5	PASS
Band4_1	20MHz	QPSK	41490	100RB#0	LV	NT	-15.76	-0.005881	±2.5	PASS
Band4_1	20MHz	QPSK	41490	100RB#0	NV	NT	-13.92	-0.005194	±2.5	PASS
Band4_1	20MHz	QPSK	41490	100RB#0	HV	NT	-10.20	-0.003806	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4_1	20MHz	QPSK	39750	100RB#0	NV	-30	8.58	0.003424	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	-20	-15.44	-0.006161	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	-10	-9.16	-0.003655	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	0	6.17	0.002462	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	10	-11.49	-0.004585	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	20	6.18	0.002466	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	30	-6.32	-0.002522	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	40	-10.43	-0.004162	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	50	-8.70	-0.003472	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	NV	-30	-16.55	-0.006383	±2.5	PASS



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VERITAS

Test Report No.: W7L-P23080006RF07

Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	-13.82	-0.005330	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-10	-18.77	-0.007239	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	-22.52	-0.008685	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	-15.23	-0.005874	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	-12.45	-0.004801	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	30	-6.57	-0.002534	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	40	-8.58	-0.003309	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	50	-15.01	-0.005789	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	-16.85	-0.006287	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	-19.78	-0.007381	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-10	-10.00	-0.003731	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-16.85	-0.006287	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	-7.25	-0.002705	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	-9.20	-0.003433	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	30	-12.89	-0.004810	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	40	-8.77	-0.003272	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	50	-13.36	-0.004985	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
fL- MAX(Δf)	2497.008978	≥2498.5	PASS
fH+ MAX(Δf)	2688.988022	≤2690	

- Note :
1. |MAX(Δf)| = Max Deviation
 2. fL = Occ low channel f(-13dBm/MHz)
 3. fH = Occ High channel f(-13dBm/MHz)
 4. |MAX(Δf)| =22.52 Hz.



**BUREAU
VERITAS**

Test Report No.: W7L-P23080006RF07

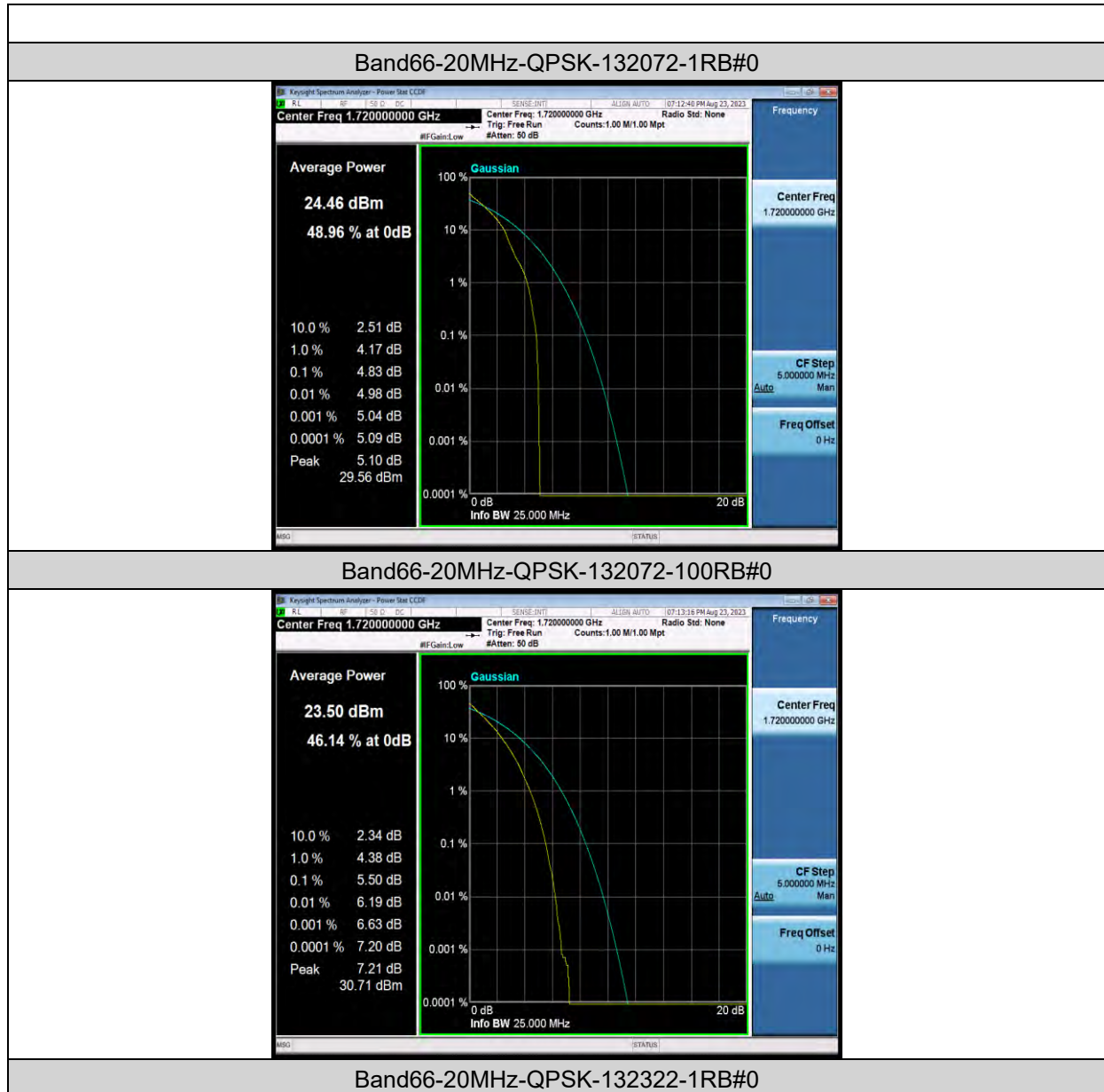
LTE BAND66 (INCLUDING LTE BAND4)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	4.83	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.50	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.99	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.37	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.36	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.28	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.67	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.23	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.60	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.07	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.35	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.04	13	PASS
Band66	20MHz	64QAM	132072	1RB#0	5.69	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.26	13	PASS
Band66	20MHz	64QAM	132322	1RB#0	5.66	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.06	13	PASS
Band66	20MHz	64QAM	132572	1RB#0	5.33	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.07	13	PASS

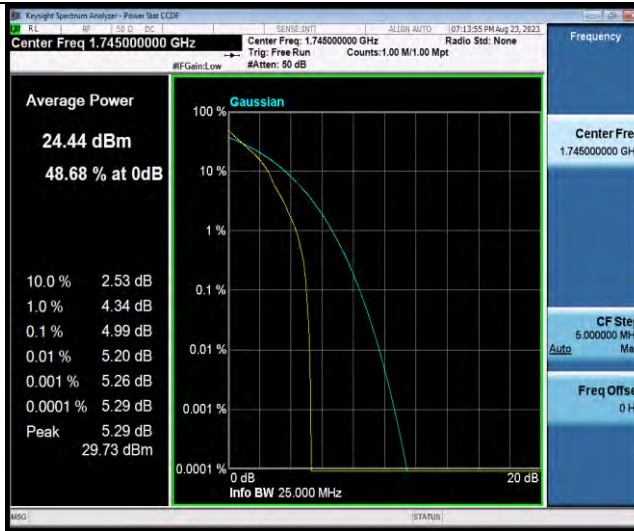
Test Graphs



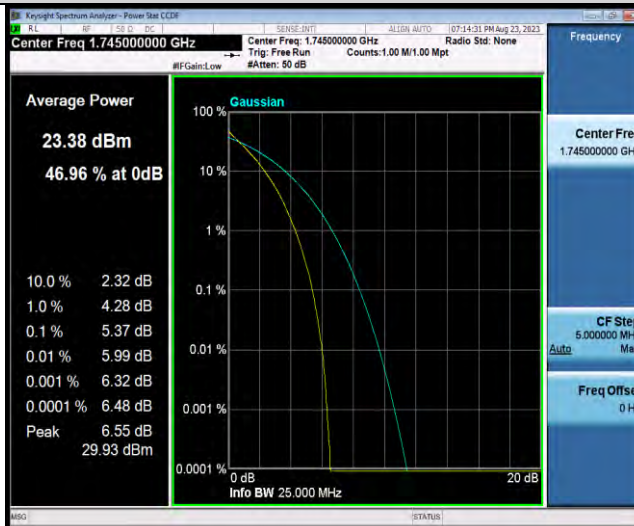


BUREAU VERITAS

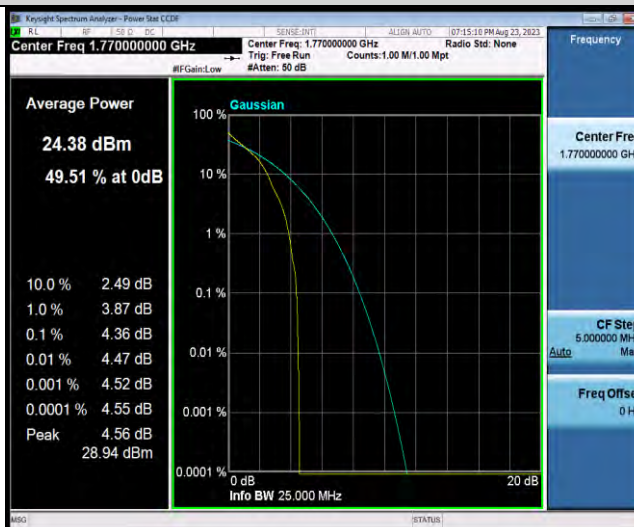
Test Report No.: W7L-P23080006RF07



Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-QPSK-132572-1RB#0

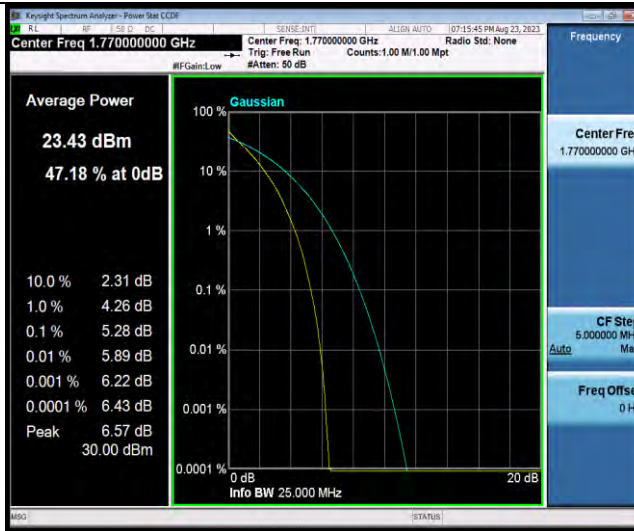


Band66-20MHz-QPSK-132572-100RB#0

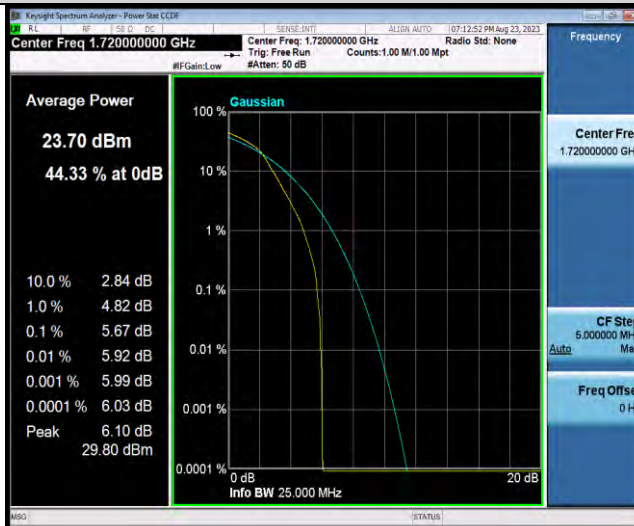


BUREAU VERITAS

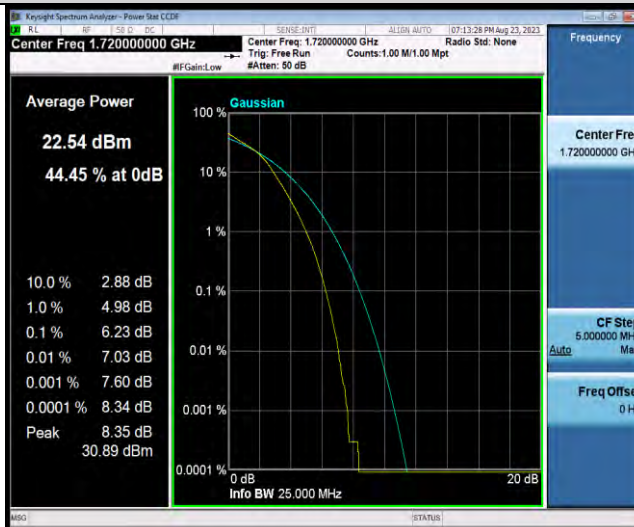
Test Report No.: W7L-P23080006RF07



Band66-20MHz-16QAM-132072-1RB#0



Band66-20MHz-16QAM-132072-100RB#0

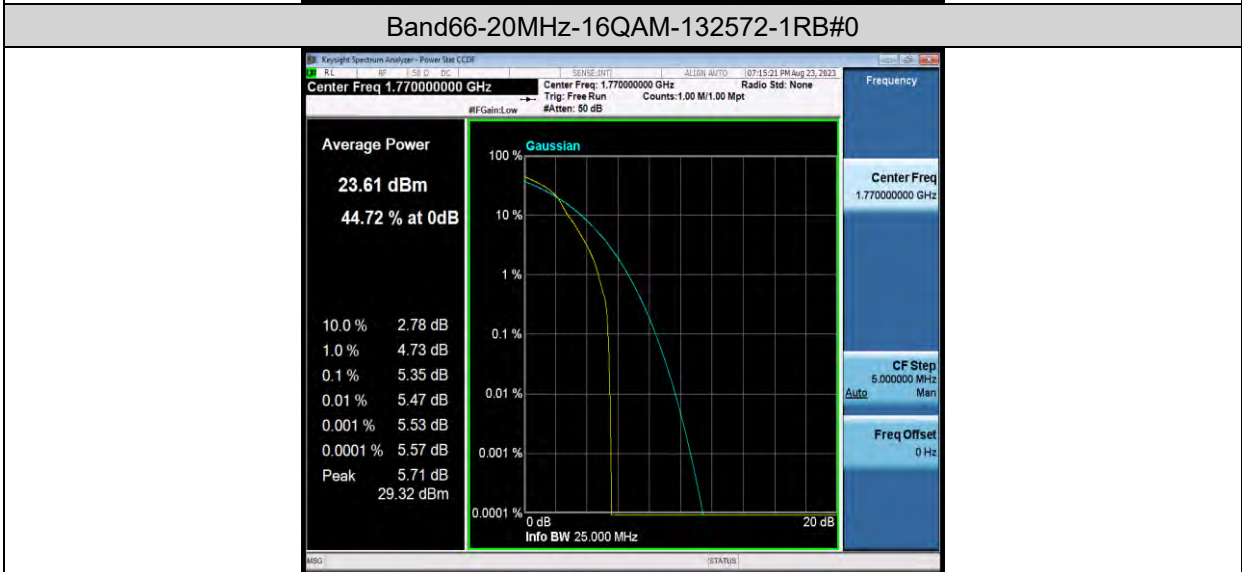
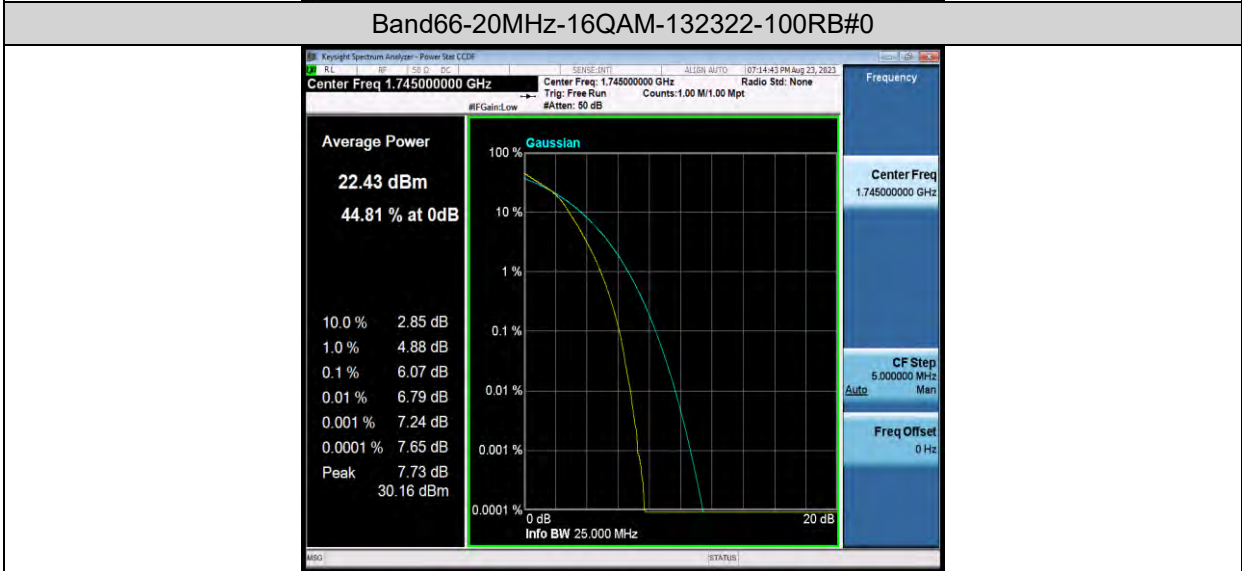
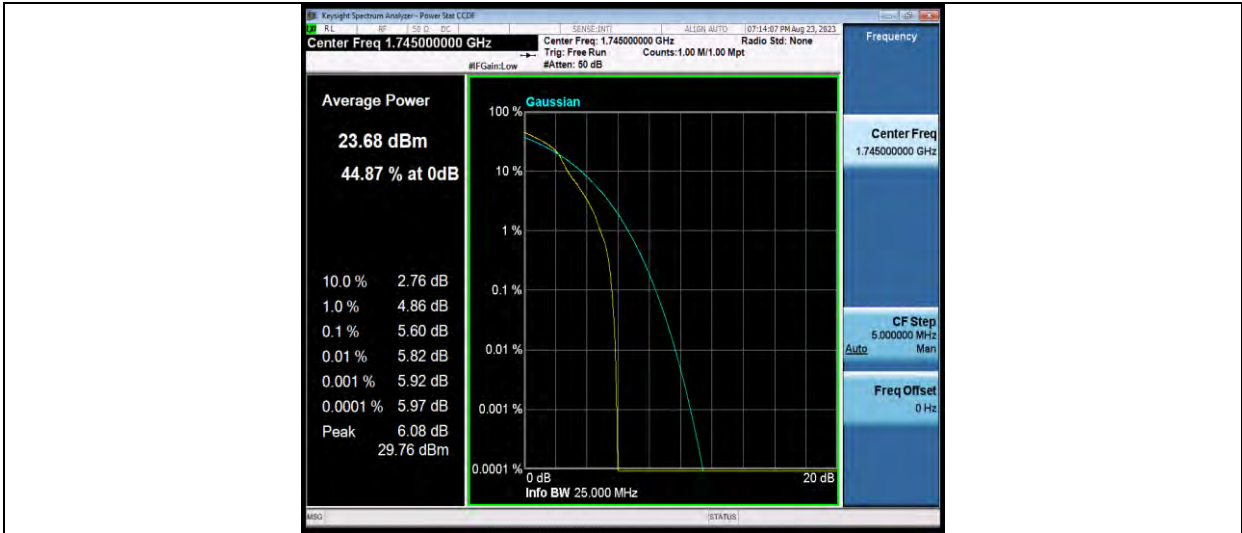


Band66-20MHz-16QAM-132322-1RB#0



BUREAU VERITAS

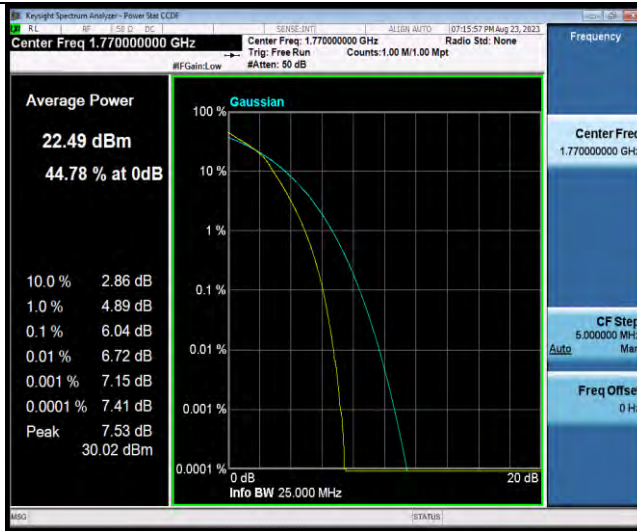
Test Report No.: W7L-P23080006RF07



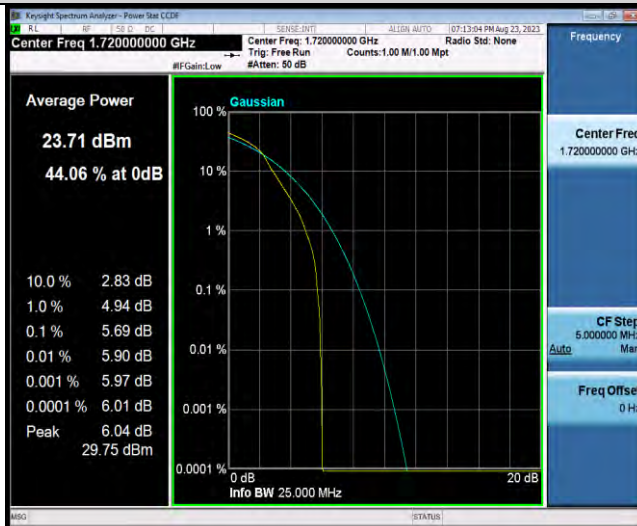


BUREAU VERITAS

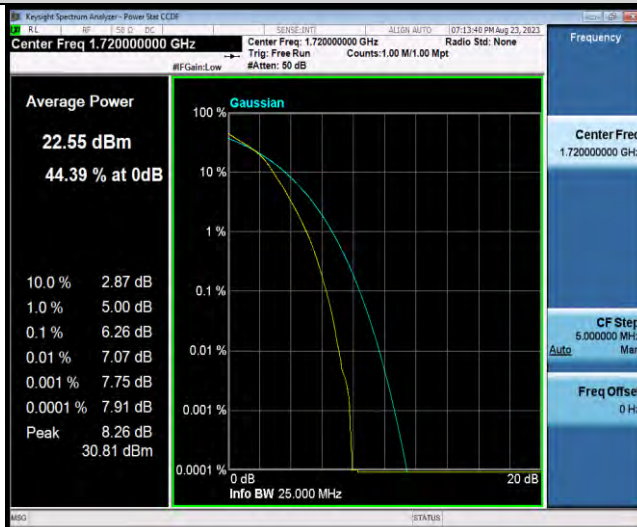
Test Report No.: W7L-P23080006RF07



Band66-20MHz-64QAM-132072-1RB#0



Band66-20MHz-64QAM-132072-100RB#0

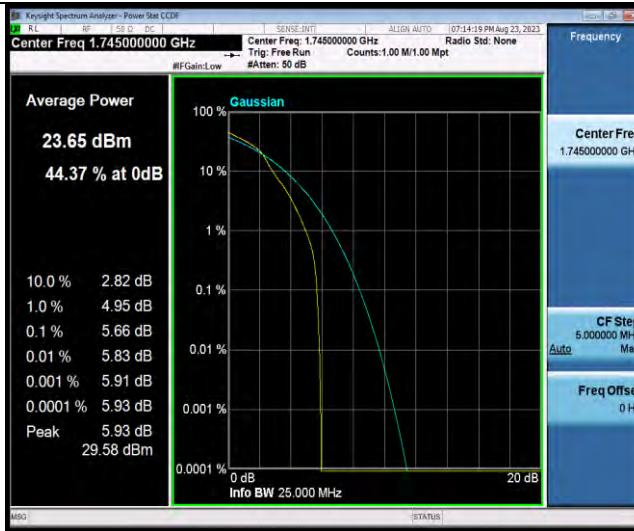


Band66-20MHz-64QAM-132322-1RB#0

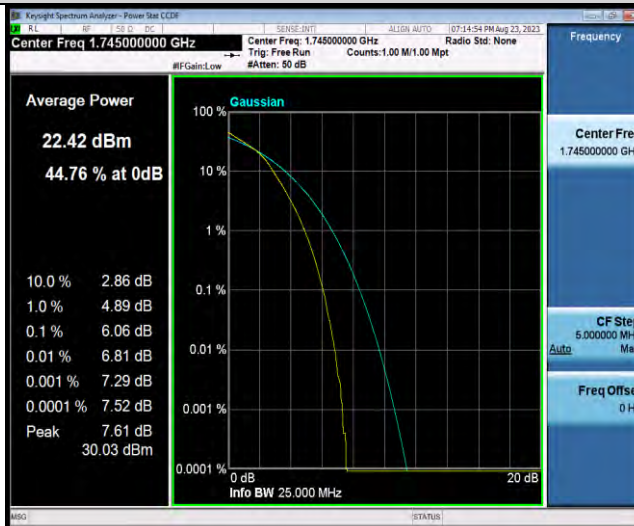


BUREAU VERITAS

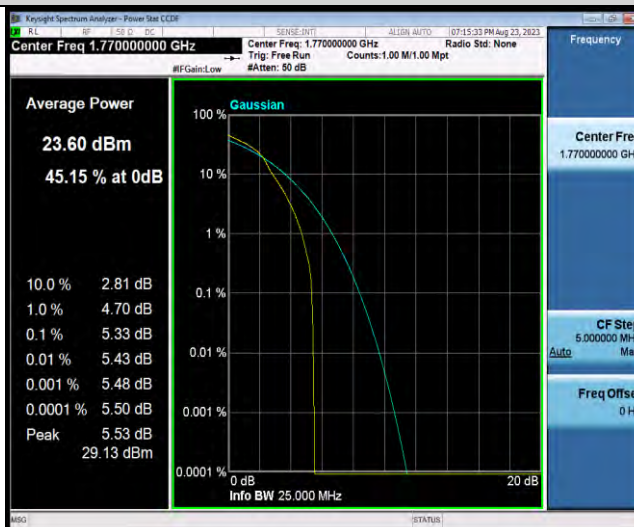
Test Report No.: W7L-P23080006RF07



Band66-20MHz-64QAM-132322-100RB#0



Band66-20MHz-64QAM-132572-1RB#0

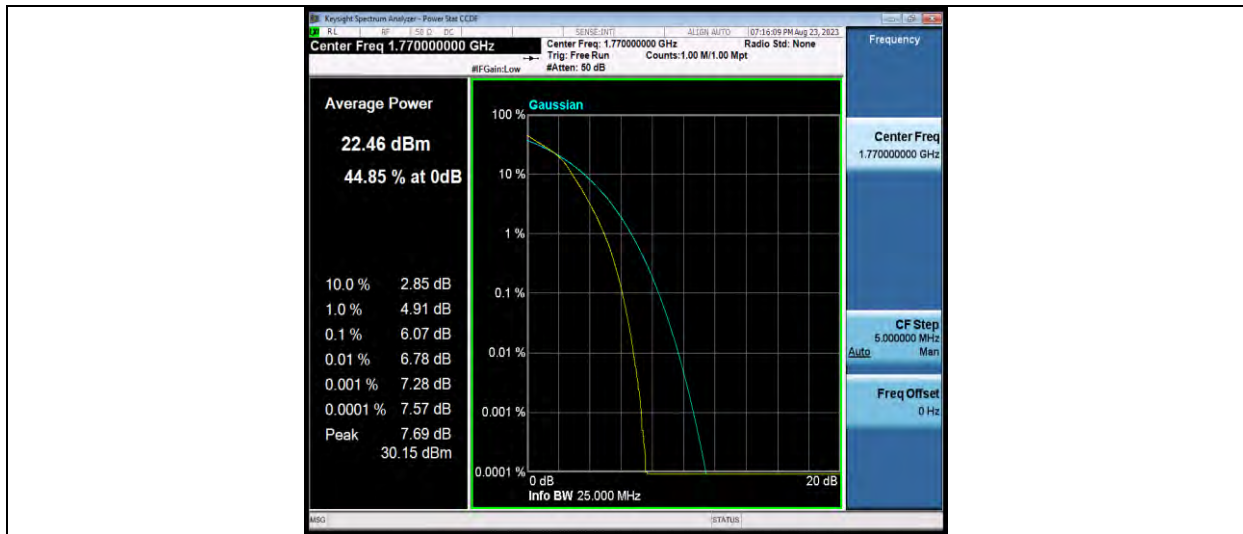


Band66-20MHz-64QAM-132572-100RB#0



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VERITAS**

Test Report No.: W7L-P23080006RF07





Test Report No.: W7L-P23080006RF07

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0897	1.294	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0937	1.292	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0898	1.292	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0965	1.304	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0936	1.298	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0876	1.290	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.1008	1.298	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.0932	1.298	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.0891	1.287	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6839	2.901	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6887	2.895	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6916	2.908	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6920	2.918	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6864	2.906	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6816	2.914	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.6824	2.910	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.6889	2.899	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.6847	2.918	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5134	5.155	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5203	5.185	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5062	5.101	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5169	5.179	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5195	5.196	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5098	5.115	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.5227	5.214	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.5161	5.199	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.5134	5.102	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0288	10.11	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0386	10.16	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0031	10.13	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0009	10.16	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0062	10.13	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0283	10.11	PASS
Band66	10MHz	64QAM	132022	50RB#0	9.0038	10.14	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.9926	10.10	PASS
Band66	10MHz	64QAM	132622	50RB#0	9.0460	10.10	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.516	15.05	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.520	15.08	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.491	15.03	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.515	15.01	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.501	15.07	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.495	14.92	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.507	15.05	PASS

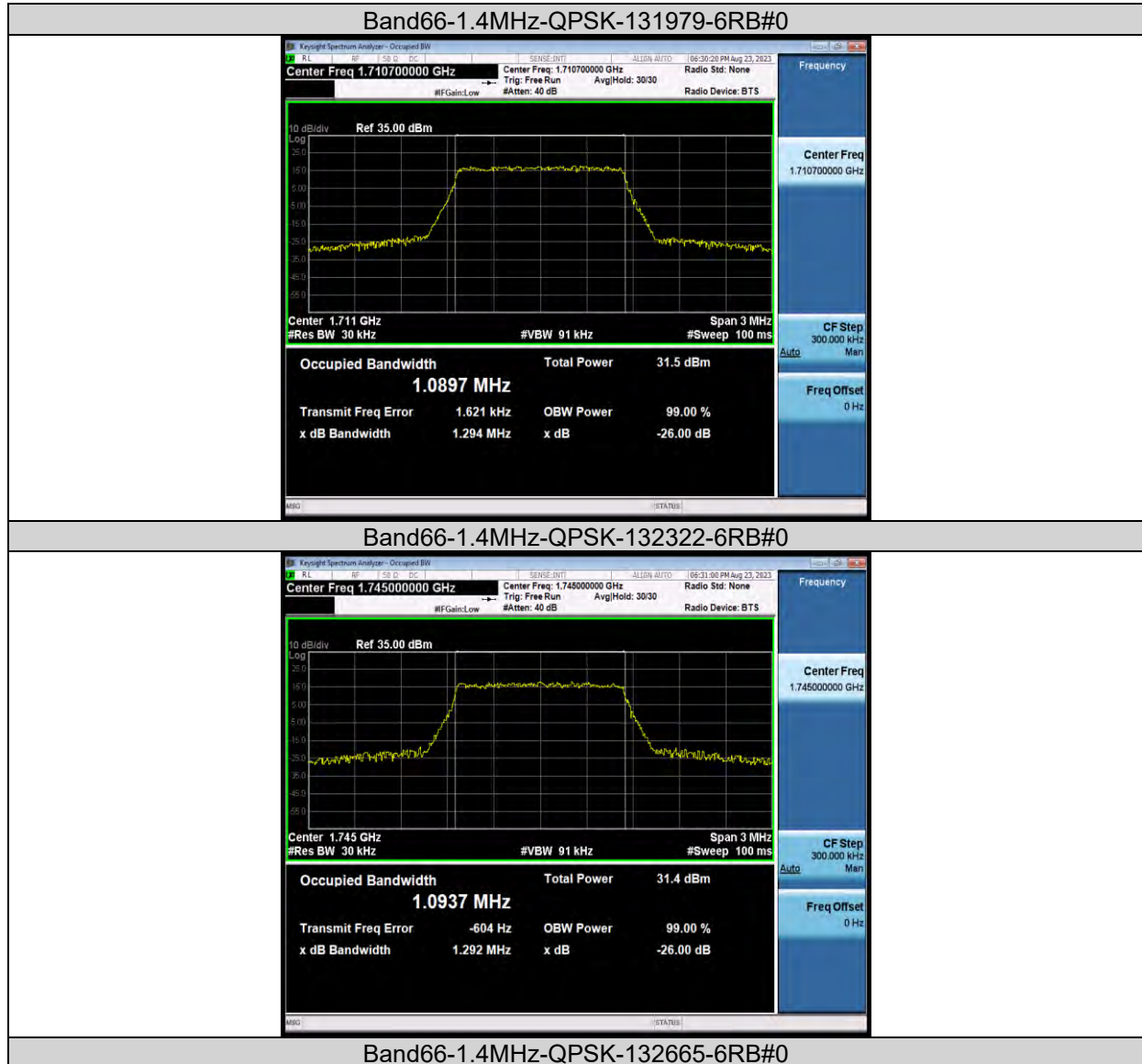


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Band66	15MHz	64QAM	132322	75RB#0	13.503	15.07	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.489	15.09	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.012	19.90	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.991	19.99	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.973	19.88	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.978	19.61	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.966	19.76	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.954	19.75	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.984	19.78	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.981	19.77	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.928	19.83	PASS

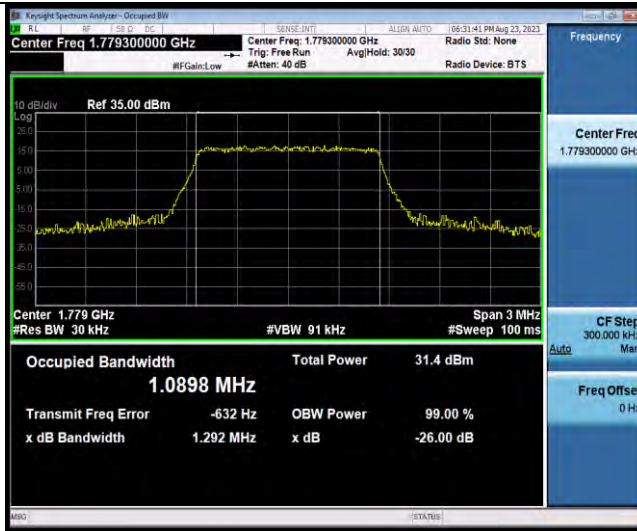
Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band66-1.4MHz-16QAM-131979-6RB#0



Band66-1.4MHz-16QAM-132322-6RB#0

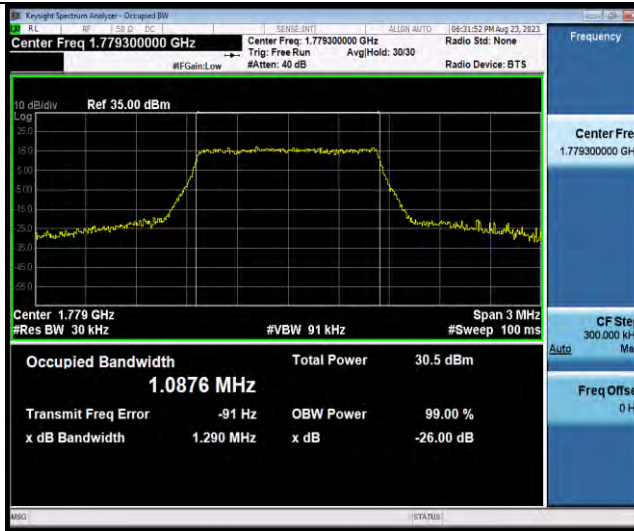


Band66-1.4MHz-16QAM-132665-6RB#0

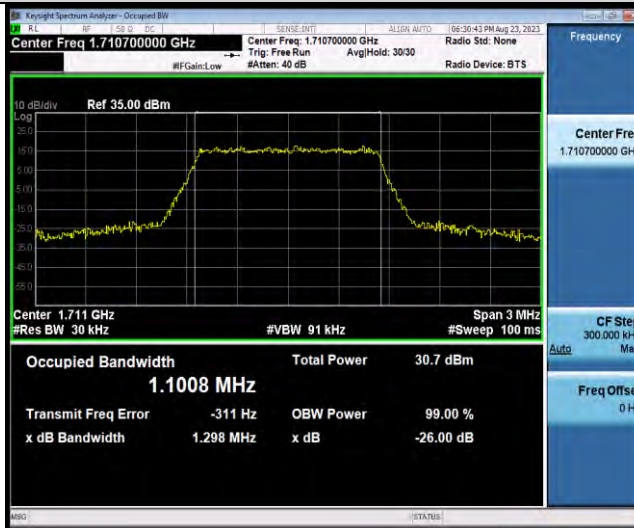


BUREAU VERITAS

Test Report No.: W7L-P23080006RF07



Band66-1.4MHz-64QAM-131979-6RB#0



Band66-1.4MHz-64QAM-132322-6RB#0

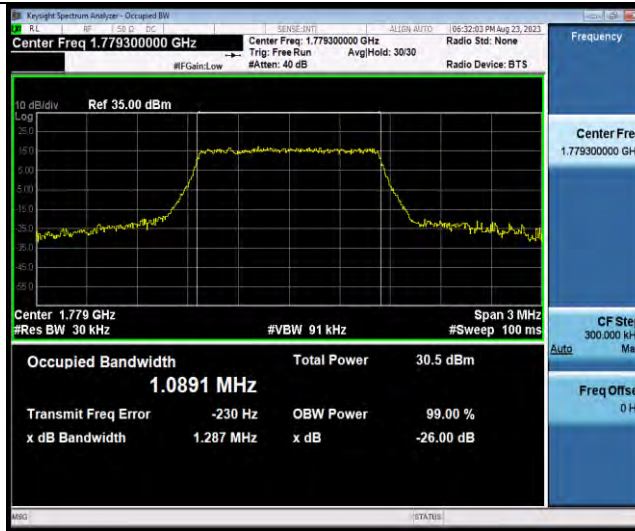


Band66-1.4MHz-64QAM-132665-6RB#0

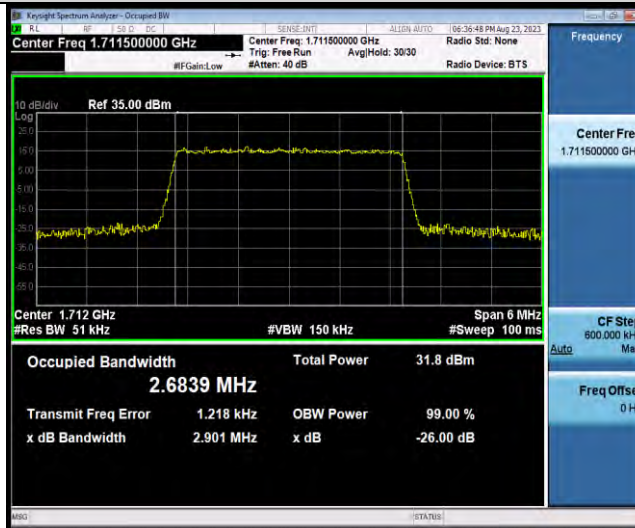


BUREAU VERITAS

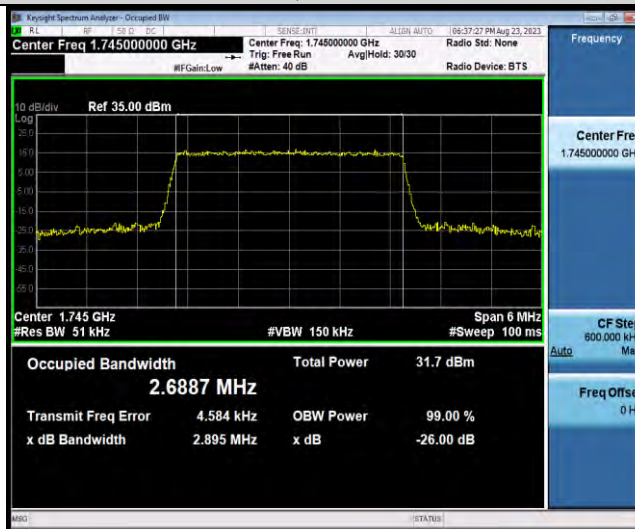
Test Report No.: W7L-P23080006RF07



Band66-3MHz-QPSK-131987-15RB#0



Band66-3MHz-QPSK-132322-15RB#0

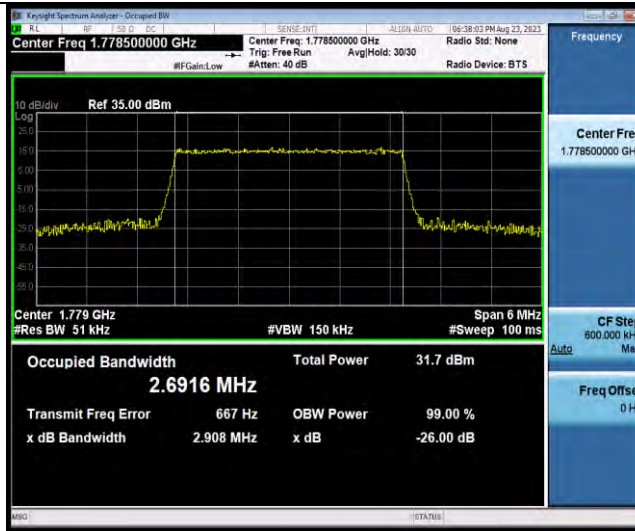


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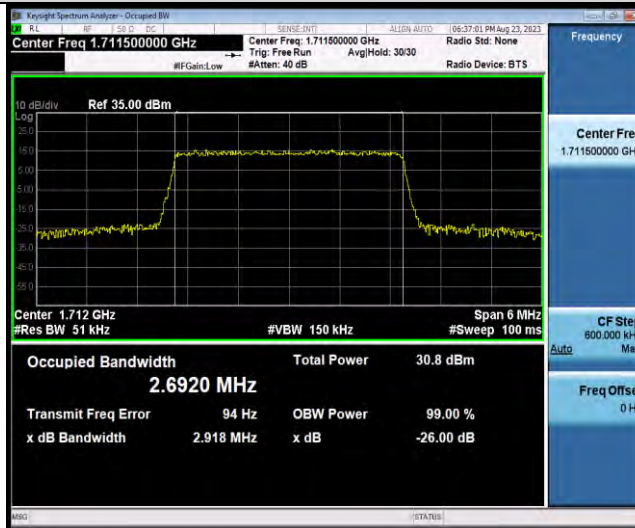


BUREAU VERITAS

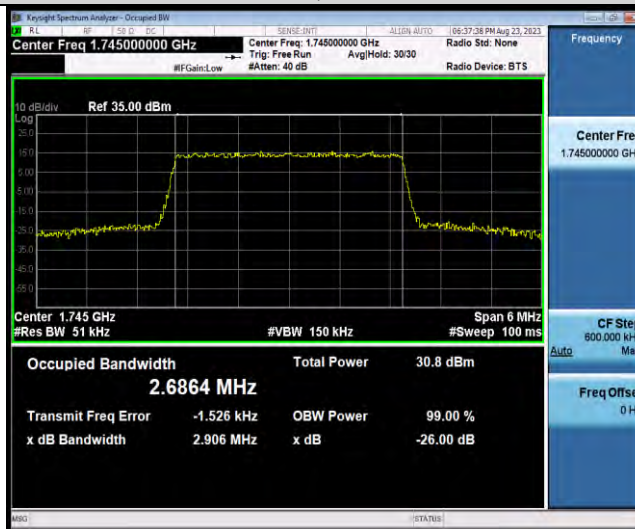
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Band66-3MHz-16QAM-131987-15RB#0



Band66-3MHz-16QAM-132322-15RB#0

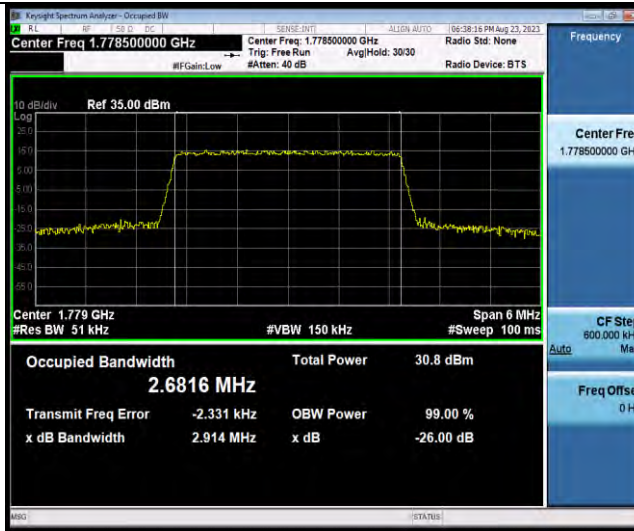


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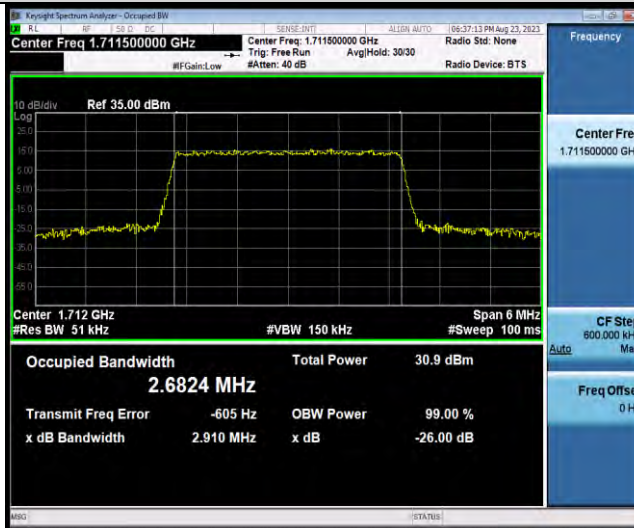


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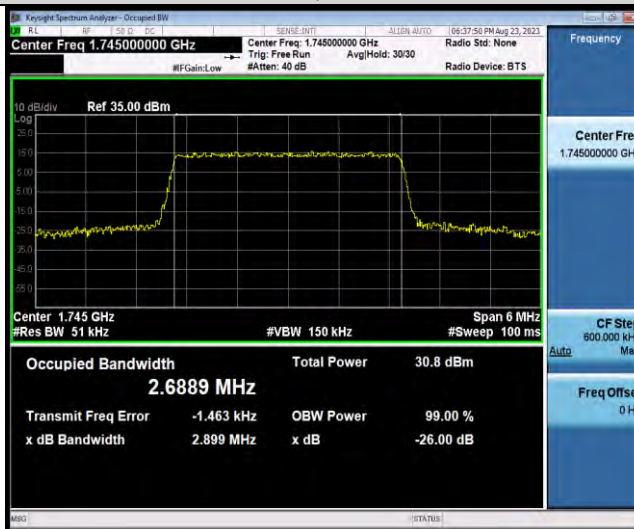
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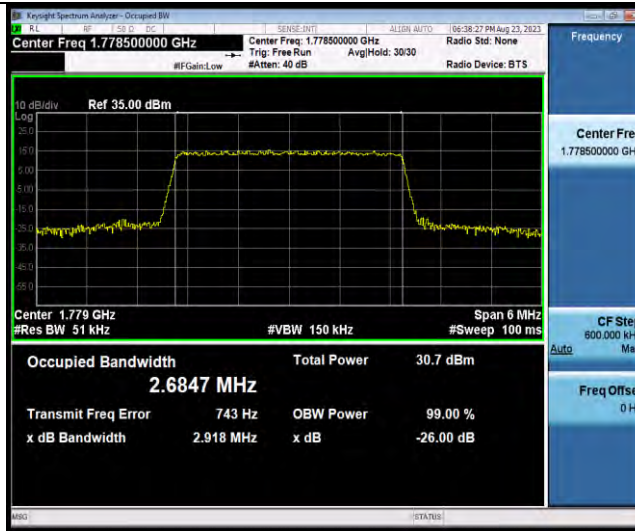


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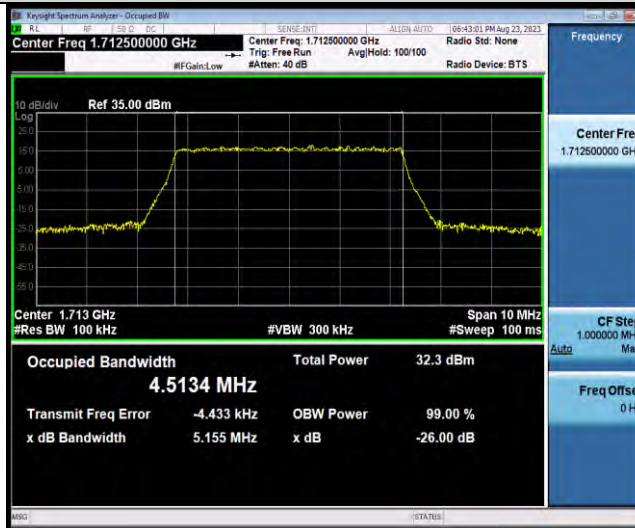


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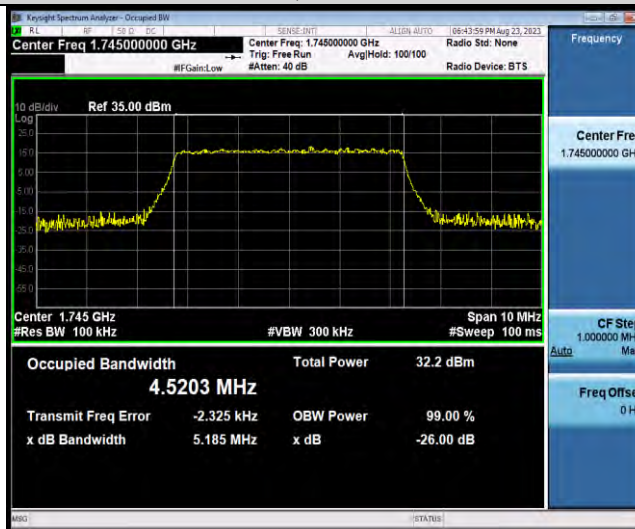
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Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132322-25RB#0

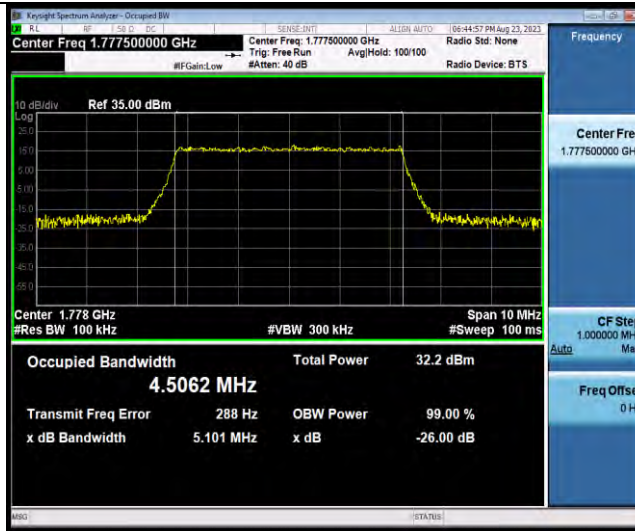


Band66-5MHz-QPSK-132647-25RB#0



BUREAU VERITAS

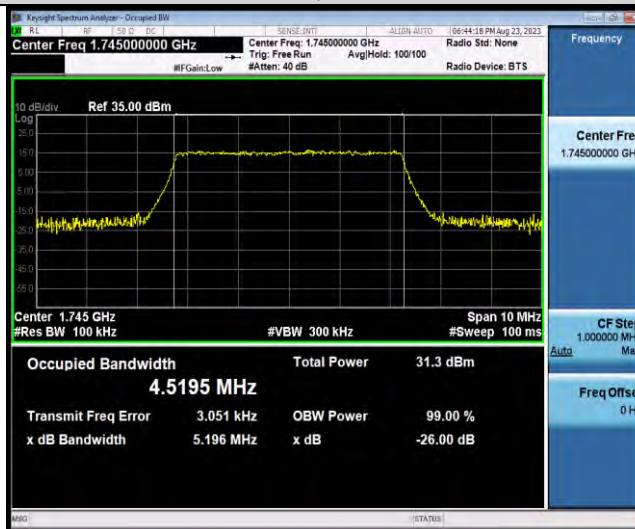
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Band66-5MHz-16QAM-131997-25RB#0



Band66-5MHz-16QAM-132322-25RB#0



Band66-5MHz-16QAM-132647-25RB#0

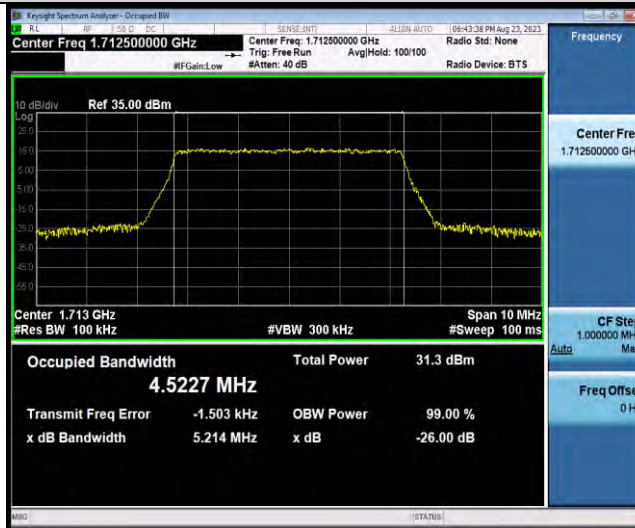


BUREAU VERITAS

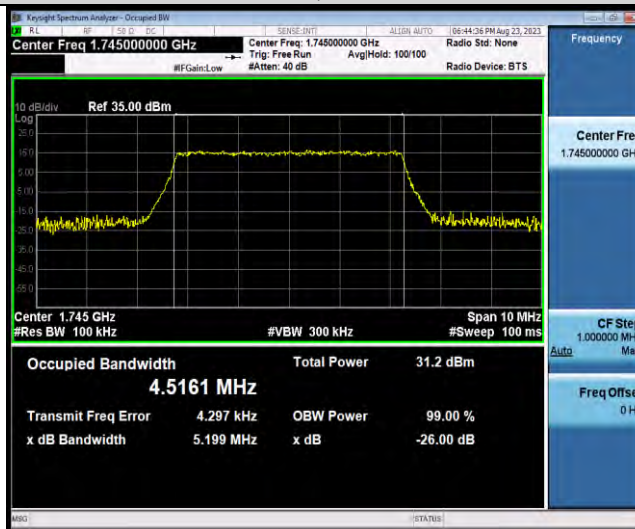
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Band66-5MHz-64QAM-131997-25RB#0



Band66-5MHz-64QAM-132322-25RB#0



Band66-5MHz-64QAM-132647-25RB#0