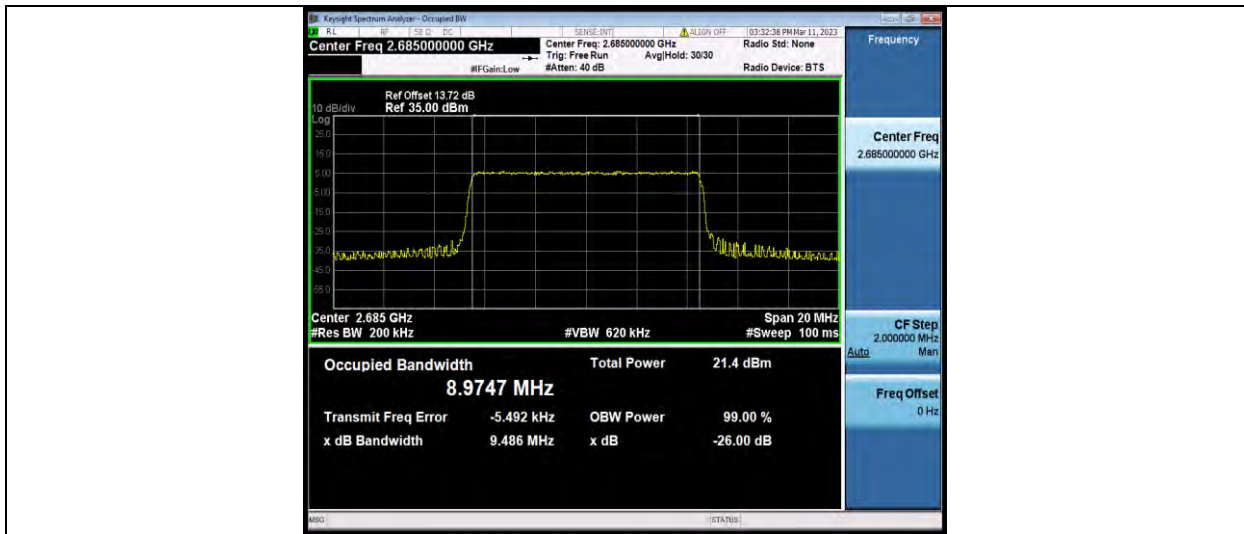




BUREAU VERITAS

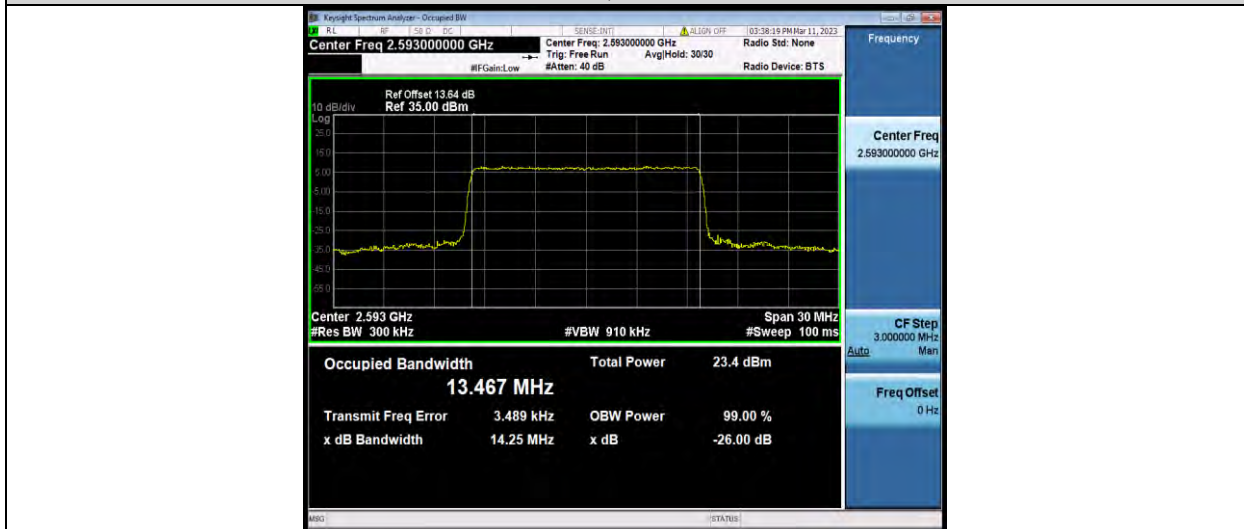
Test Report No.: W7L-P23030003RF07



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



Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-75RB#0



BUREAU VERITAS

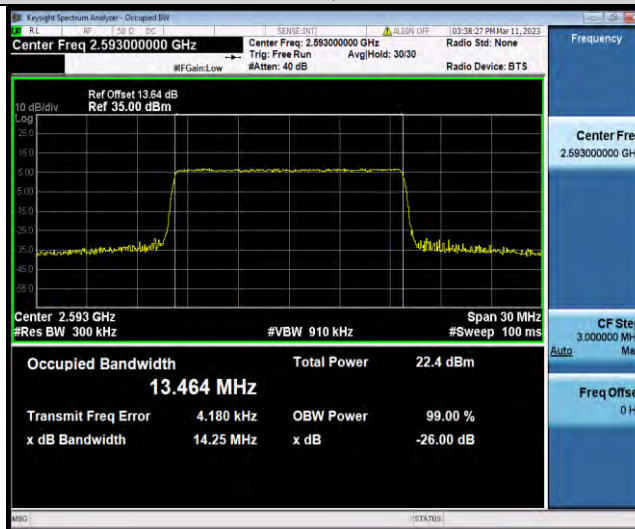
Test Report No.: W7L-P23030003RF07



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



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

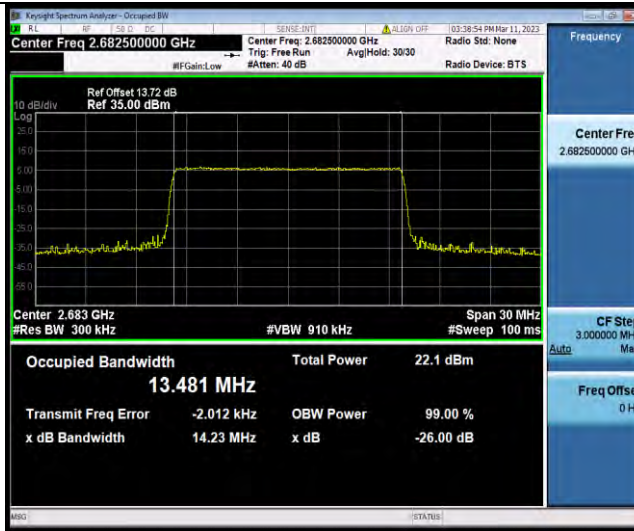


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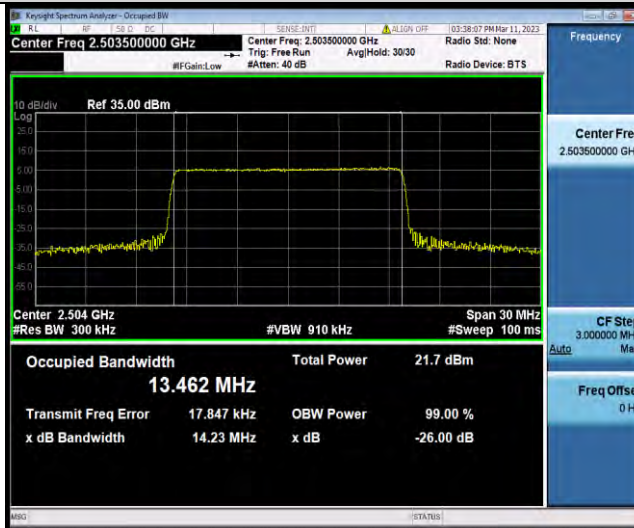


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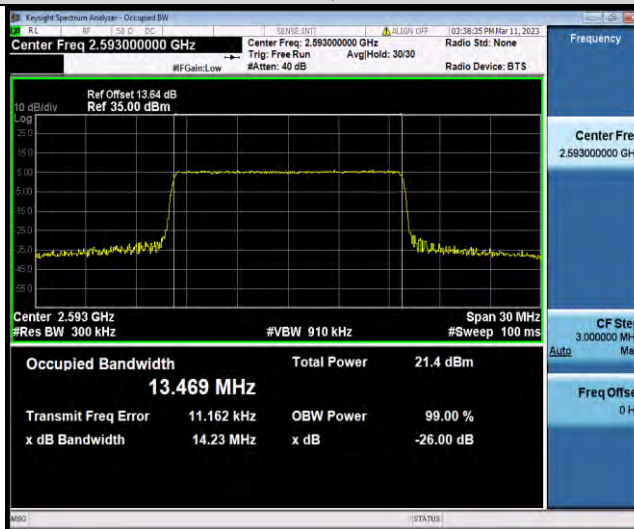
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Band41-15MHz-64QAM-39725-75RB#0



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

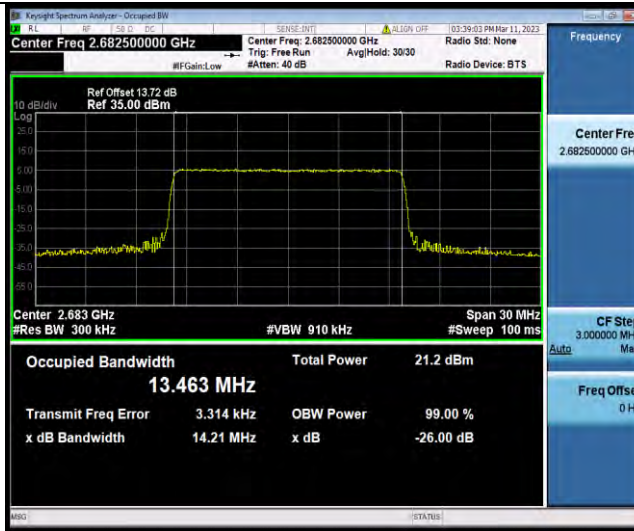


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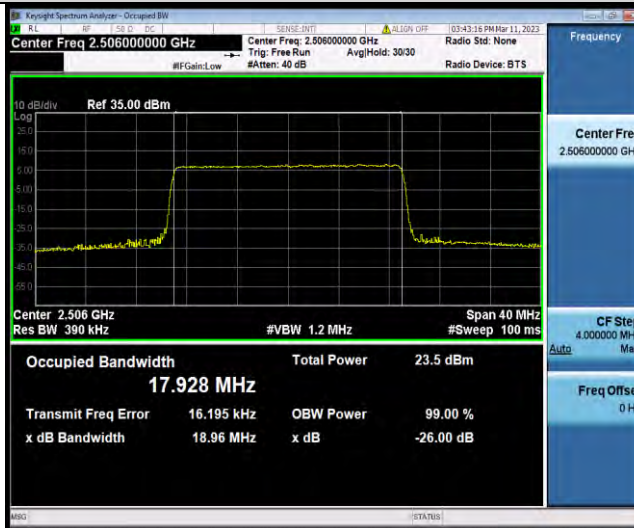


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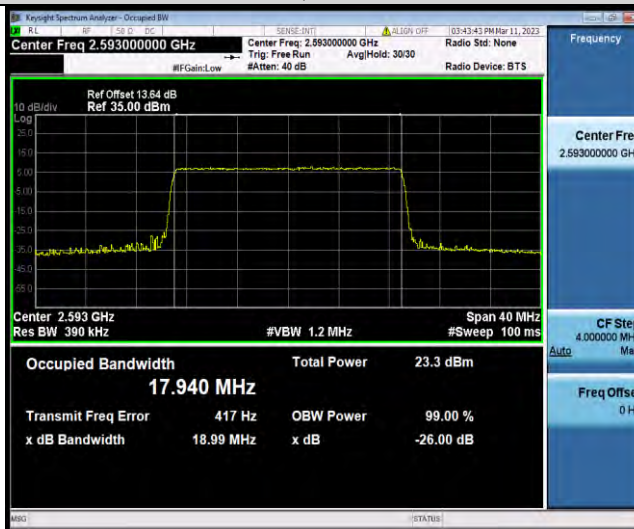
Test Report No.: W7L-P23030003RF07



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



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

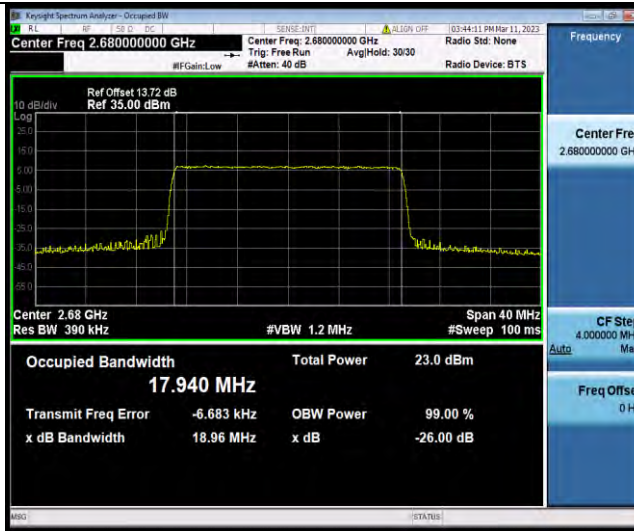


Band41-20MHz-QPSK-41490-100RB#0

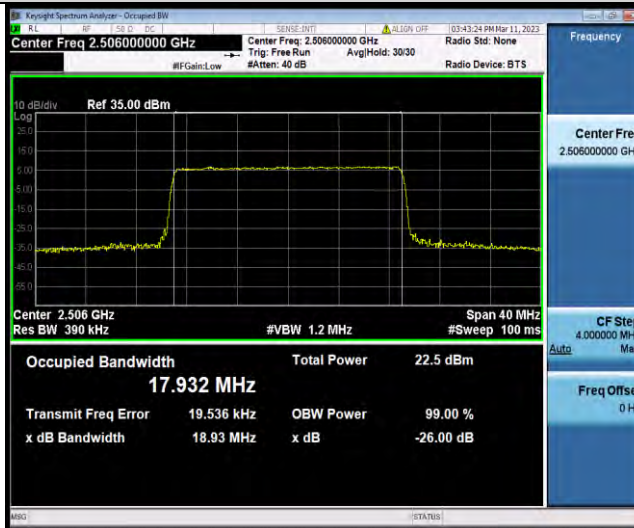


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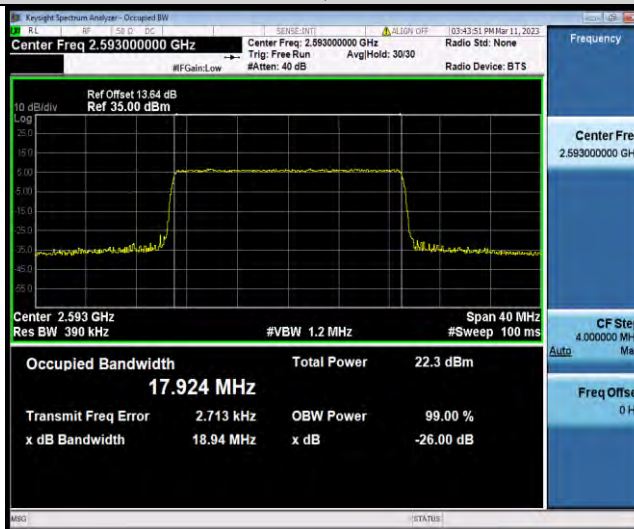
Test Report No.: W7L-P23030003RF07



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



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



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

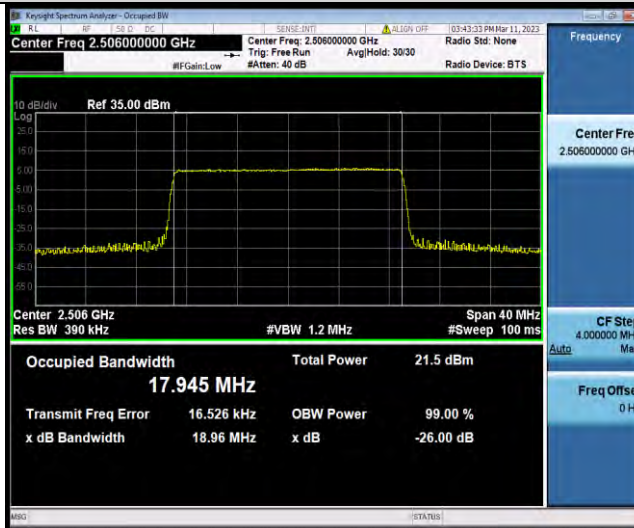


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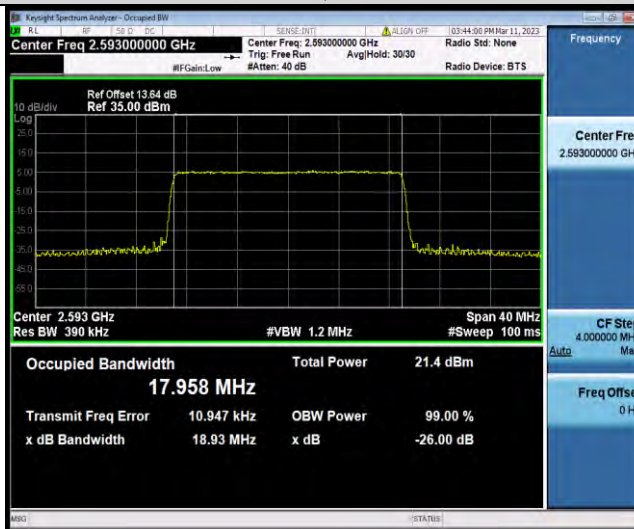
Test Report No.: W7L-P23030003RF07



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



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

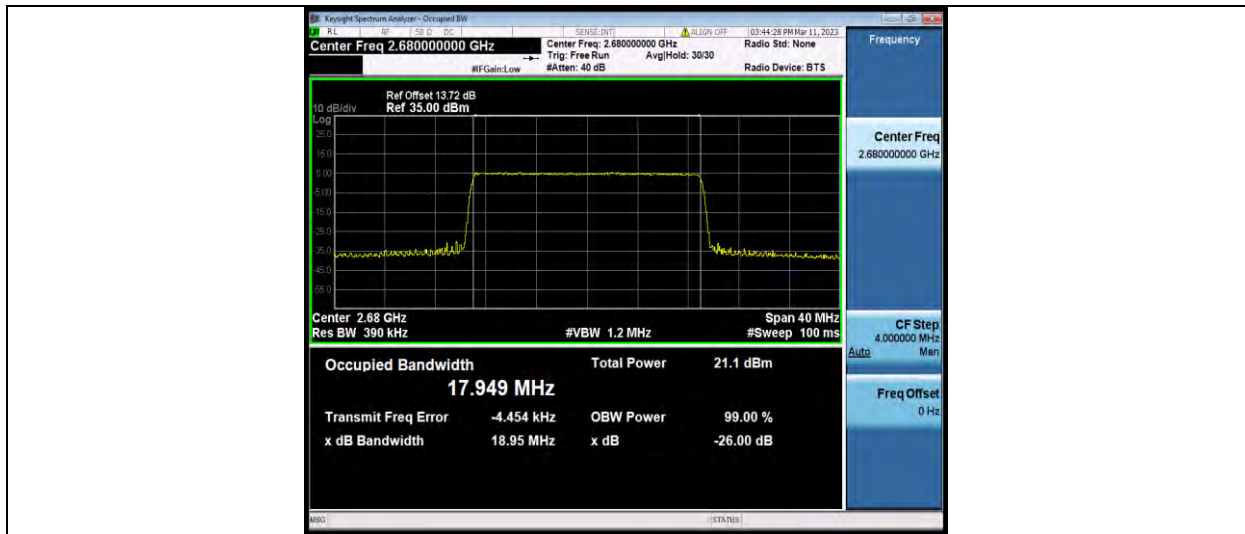


Band41-20MHz-64QAM-41490-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-P23030003RF07





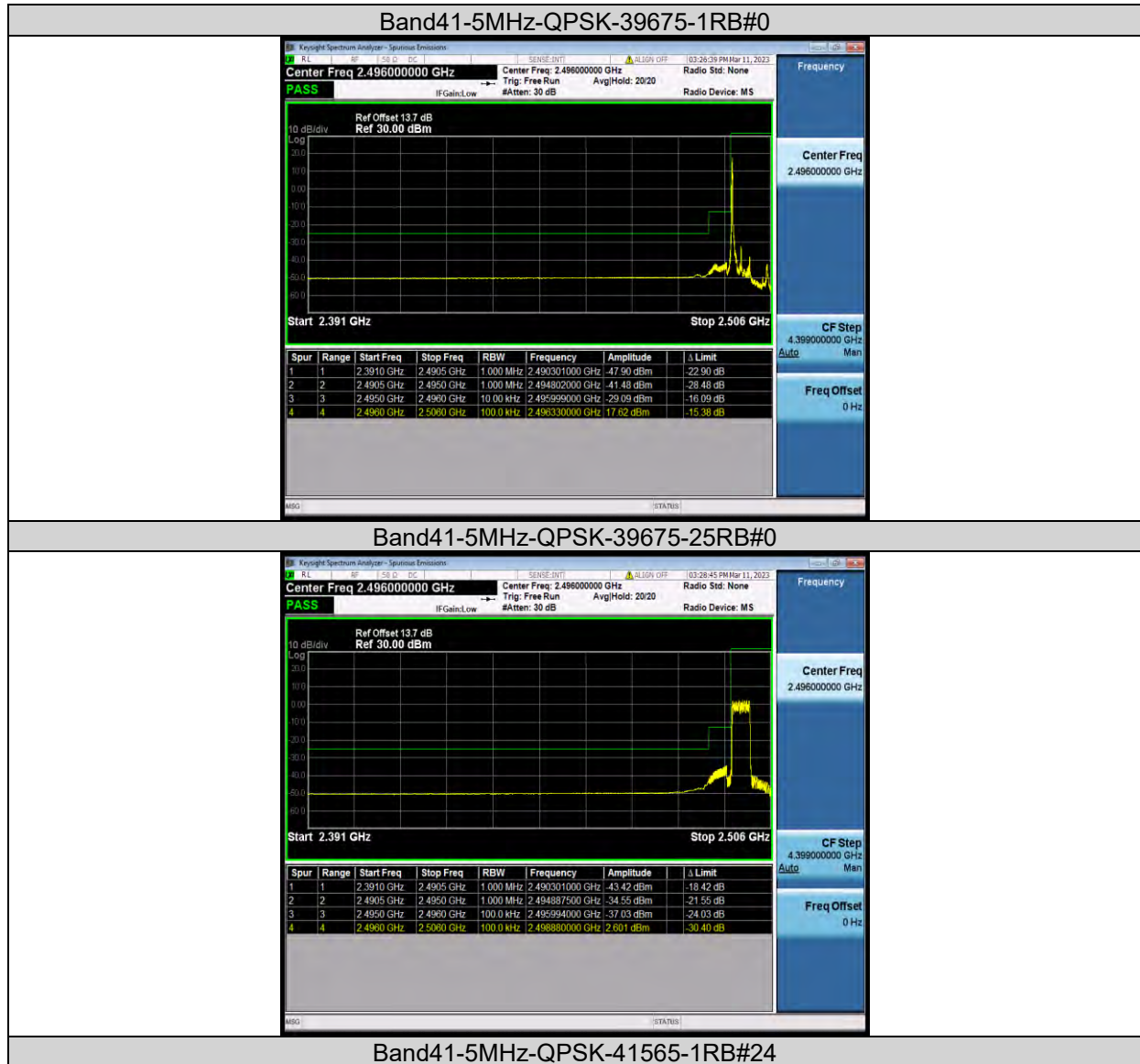
Test Report No.: W7L-P23030003RF07

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-47.90,-41.48,-29.09	PASS
Band41	5MHz	QPSK	39675	25RB#0	-43.42,-34.55,-37.03	PASS
Band41	5MHz	QPSK	41565	1RB#24	-30.55,-41.57,-46.13,-47.66	PASS
Band41	5MHz	QPSK	41565	25RB#0	-39.33,-35.29,-40.52,-41.42	PASS
Band41	5MHz	16QAM	39675	1RB#0	-47.57,-40.85,-31.17	PASS
Band41	5MHz	16QAM	39675	25RB#0	-44.06,-33.77,-38.52	PASS
Band41	5MHz	16QAM	41565	1RB#24	-31.94,-41.60,-45.91,-47.69	PASS
Band41	5MHz	16QAM	41565	25RB#0	-40.74,-34.65,-40.44,-41.50	PASS
Band41	5MHz	64QAM	39675	1RB#0	-48.22,-42.31,-28.96	PASS
Band41	5MHz	64QAM	39675	25RB#0	-44.33,-34.18,-38.61	PASS
Band41	5MHz	64QAM	41565	1RB#24	-30.05,-42.48,-46.47,-48.14	PASS
Band41	5MHz	64QAM	41565	25RB#0	-40.14,-35.44,-40.46,-42.49	PASS
Band41	10MHz	QPSK	39700	1RB#0	-45.55,-42.35,-36.77	PASS
Band41	10MHz	QPSK	39700	50RB#0	-39.27,-35.13,-37.25	PASS
Band41	10MHz	QPSK	41540	1RB#49	-34.31,-42.15,-45.49,-47.54	PASS
Band41	10MHz	QPSK	41540	50RB#0	-37.75,-35.53,-40.11,-44.07	PASS
Band41	10MHz	16QAM	39700	1RB#0	-45.80,-42.80,-35.58	PASS
Band41	10MHz	16QAM	39700	50RB#0	-42.21,-35.26,-38.60	PASS
Band41	10MHz	16QAM	41540	1RB#49	-36.66,-43.01,-45.35,-48.20	PASS
Band41	10MHz	16QAM	41540	50RB#0	-39.84,-37.15,-40.20,-43.49	PASS
Band41	10MHz	64QAM	39700	1RB#0	-45.55,-43.64,-37.58	PASS
Band41	10MHz	64QAM	39700	50RB#0	-41.88,-36.14,-40.55	PASS
Band41	10MHz	64QAM	41540	1RB#49	-37.91,-43.65,-45.74,-48.09	PASS
Band41	10MHz	64QAM	41540	50RB#0	-39.92,-38.04,-40.72,-43.56	PASS
Band41	15MHz	QPSK	39725	1RB#0	-43.44,-42.79,-36.29	PASS
Band41	15MHz	QPSK	39725	75RB#0	-37.84,-33.92,-36.35	PASS
Band41	15MHz	QPSK	41515	1RB#74	-41.38,-43.11,-41.30,-48.72	PASS
Band41	15MHz	16QAM	39725	1RB#0	-44.59,-43.18,-39.28	PASS
Band41	15MHz	16QAM	39725	75RB#0	-39.57,-36.05,-39.72	PASS
Band41	15MHz	16QAM	41515	1RB#74	-39.53,-43.14,-44.50,-48.83	PASS
Band41	15MHz	64QAM	39725	1RB#0	-45.47,-44.13,-40.53	PASS
Band41	15MHz	64QAM	39725	75RB#0	-39.28,-37.25,-40.93	PASS
Band41	15MHz	64QAM	41515	1RB#74	-40.72,-43.89,-45.15,-48.97	PASS
Band41	20MHz	QPSK	39750	1RB#0	-46.87,-44.50,-37.66	PASS
Band41	20MHz	QPSK	39750	100RB#0	-39.38,-37.61,-40.69	PASS
Band41	20MHz	QPSK	41490	1RB#99	-42.39,-43.28,-46.31,-49.16	PASS
Band41	20MHz	QPSK	41490	100RB#0	-42.11,-38.46,-39.96,-46.68	PASS
Band41	20MHz	16QAM	39750	1RB#0	-47.06,-45.35,-41.41	PASS
Band41	20MHz	16QAM	39750	100RB#0	-39.92,-38.54,-42.28	PASS
Band41	20MHz	16QAM	41490	1RB#99	-39.71,-44.36,-46.61,-48.97	PASS
Band41	20MHz	16QAM	41490	100RB#0	-43.91,-39.95,-41.32,-46.32	PASS
Band41	20MHz	64QAM	39750	1RB#0	-47.45,-45.15,-41.55	PASS
Band41	20MHz	64QAM	39750	100RB#0	-40.72,-39.05,-41.97	PASS
Band41	20MHz	64QAM	41490	1RB#99	-41.15,-44.90,-46.76,-49.23	PASS
Band41	20MHz	64QAM	41490	100RB#0	-44.75,-40.25,-41.08,-46.08	PASS

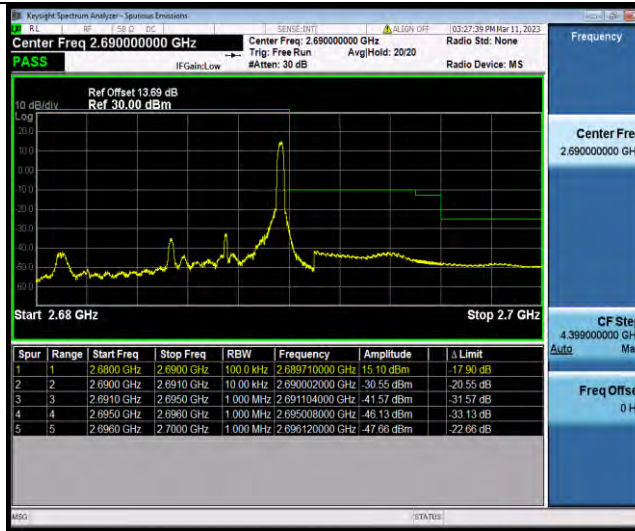
Test Graphs



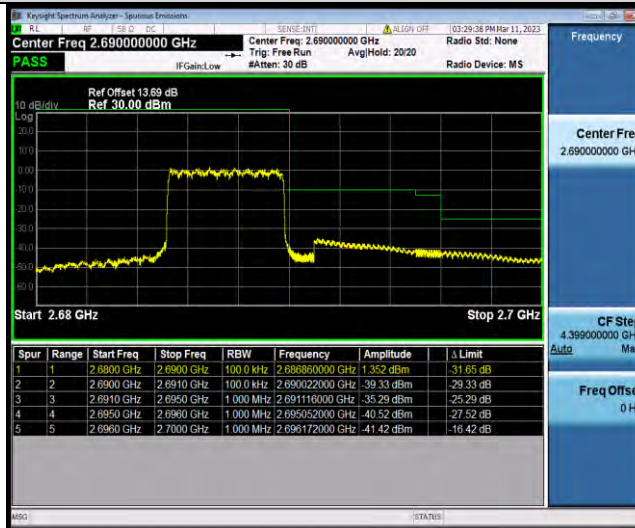


BUREAU VERITAS

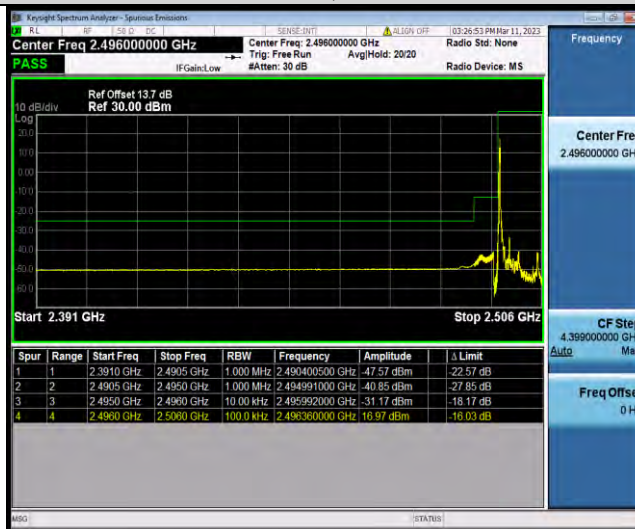
Test Report No.: W7L-P23030003RF07



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



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

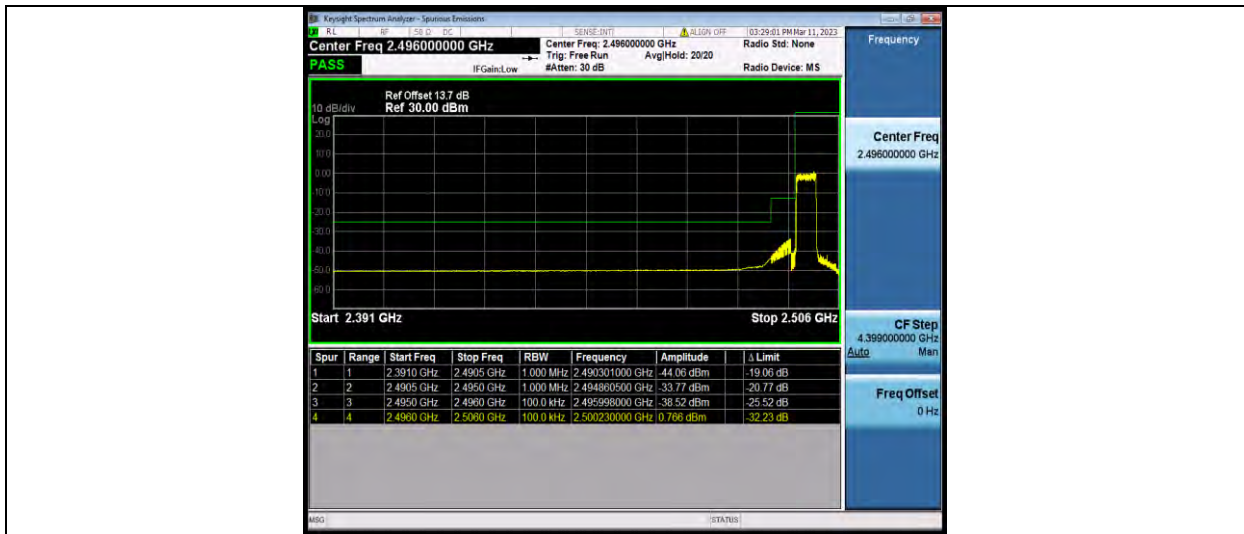


Band41-5MHz-16QAM-39675-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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

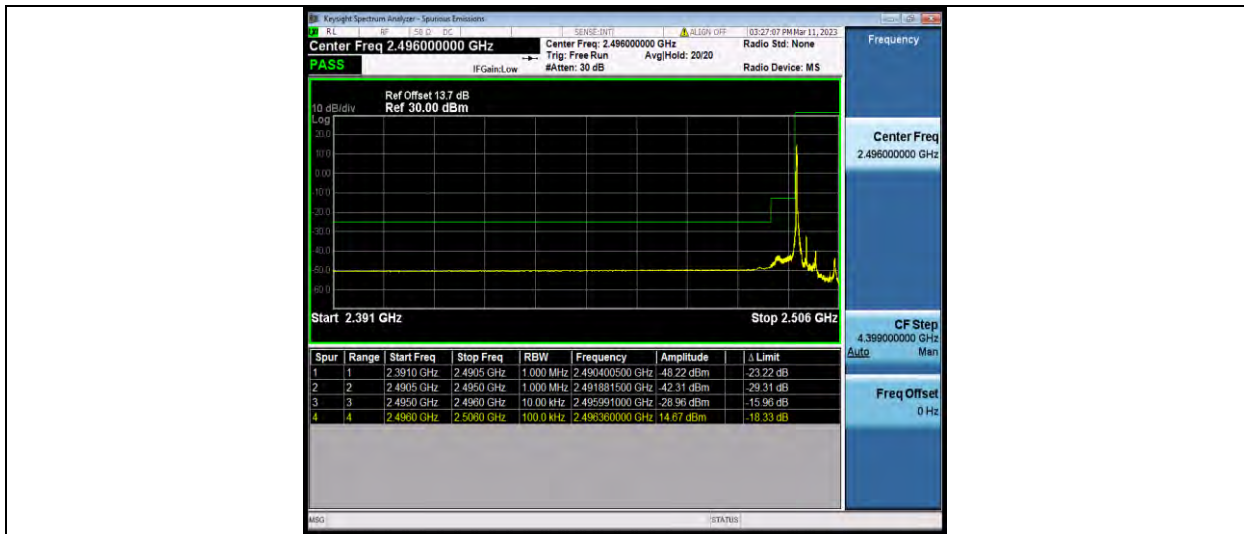


Band41-5MHz-64QAM-39675-1RB#0

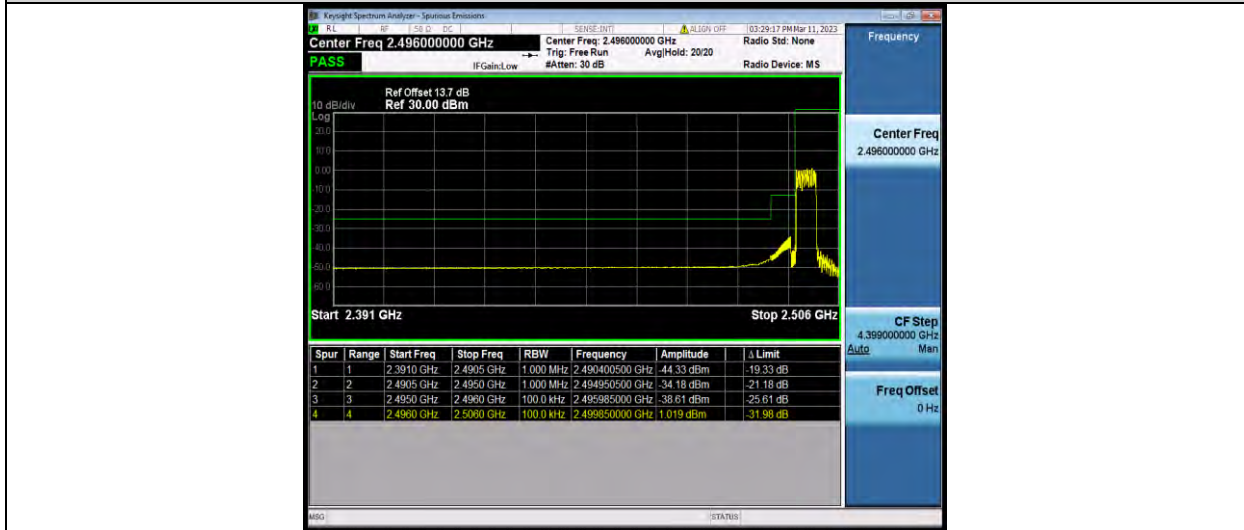


BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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



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

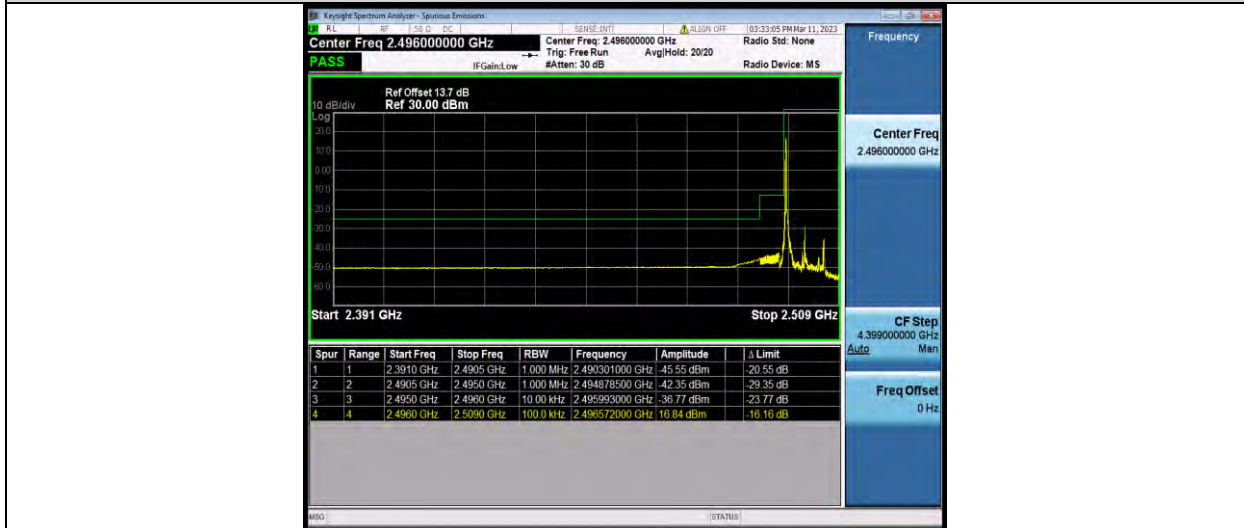


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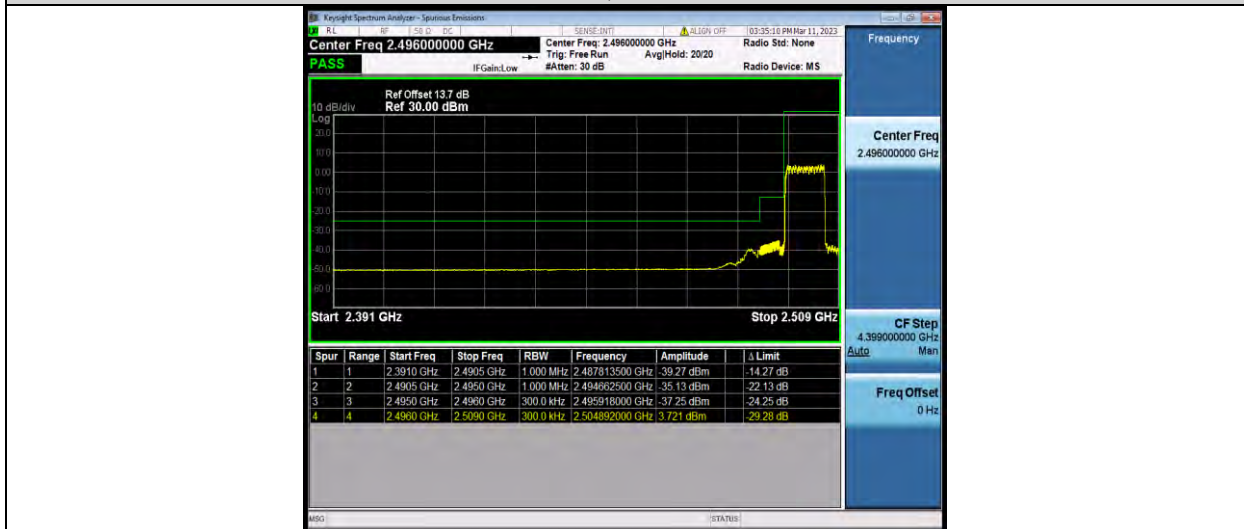
Test Report No.: W7L-P23030003RF07



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



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

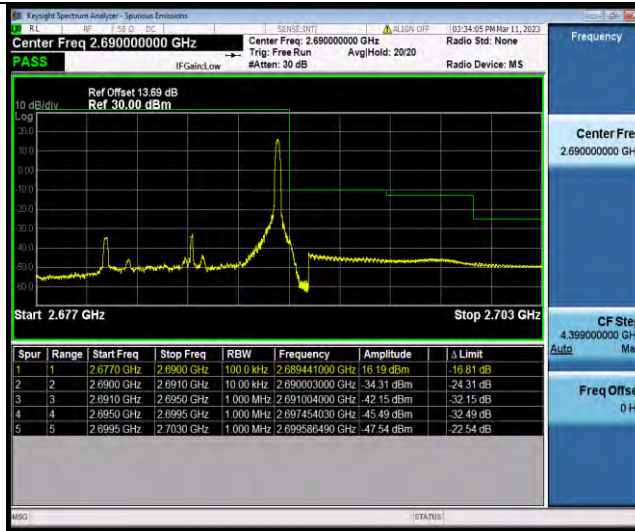


Band41-10MHz-QPSK-41540-1RB#49



BUREAU VERITAS

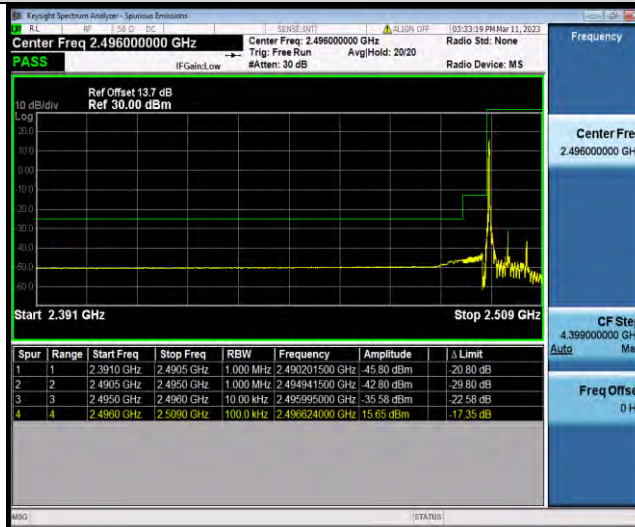
Test Report No.: W7L-P23030003RF07



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



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

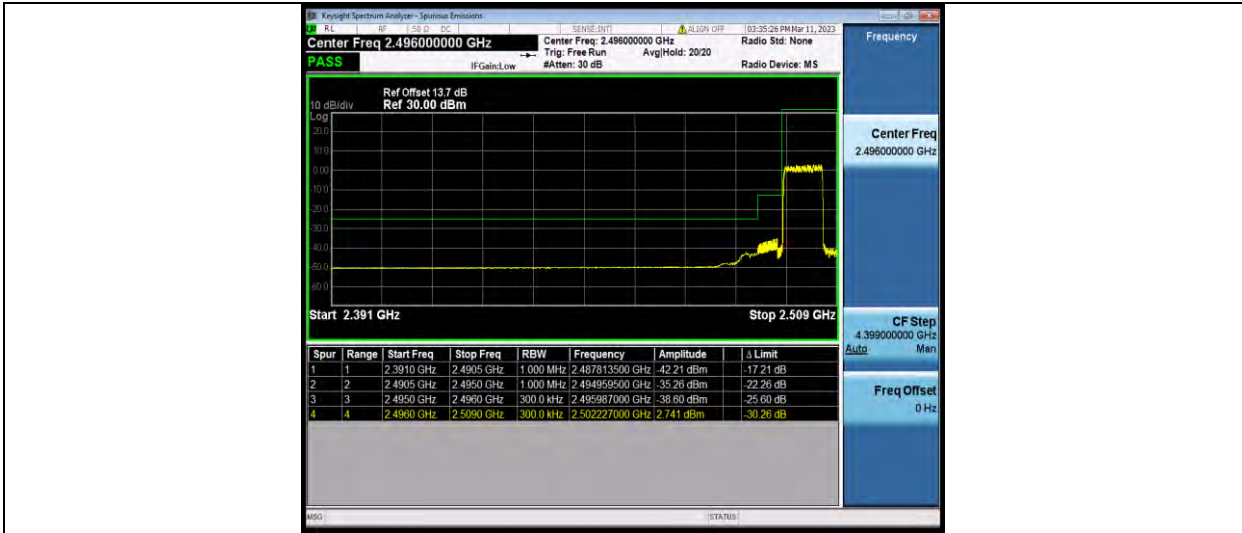


Band41-10MHz-16QAM-39700-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



Band41-10MHz-16QAM-41540-1RB#49



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

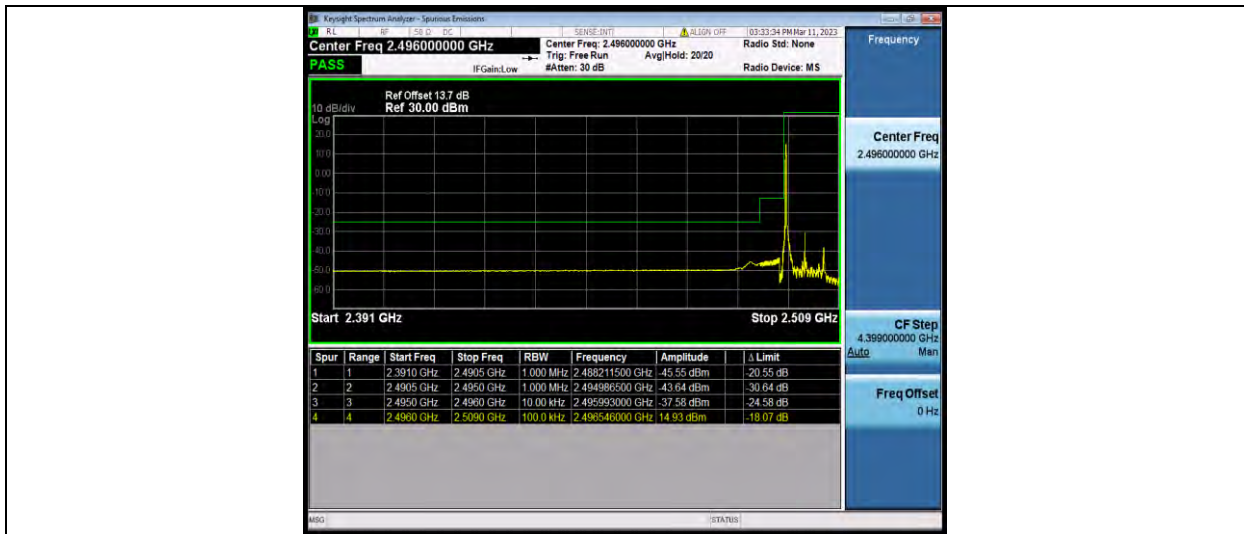


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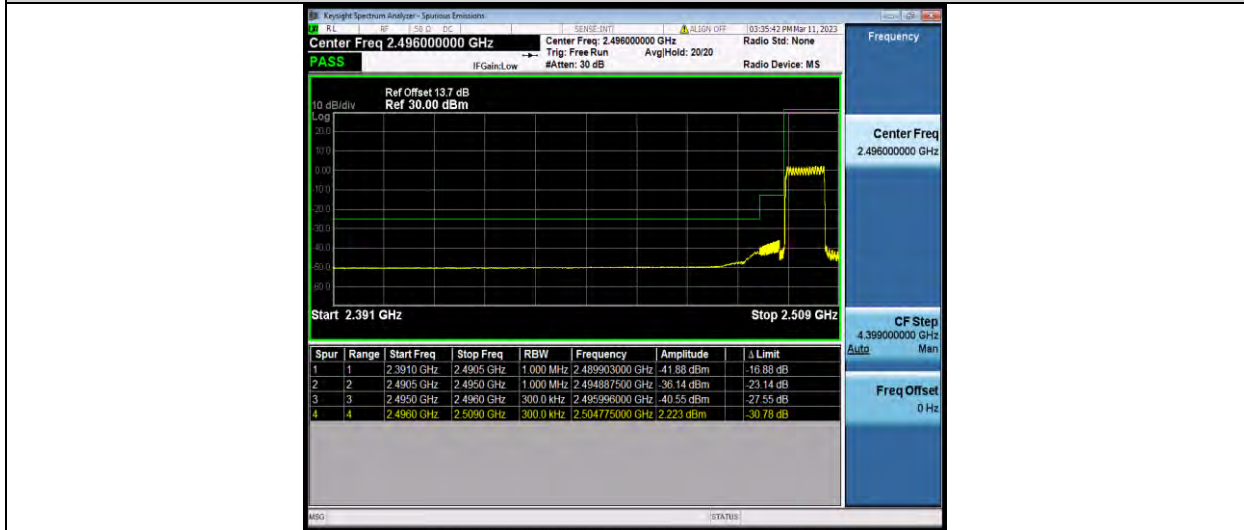


BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



Band41-10MHz-64QAM-41540-1RB#49



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

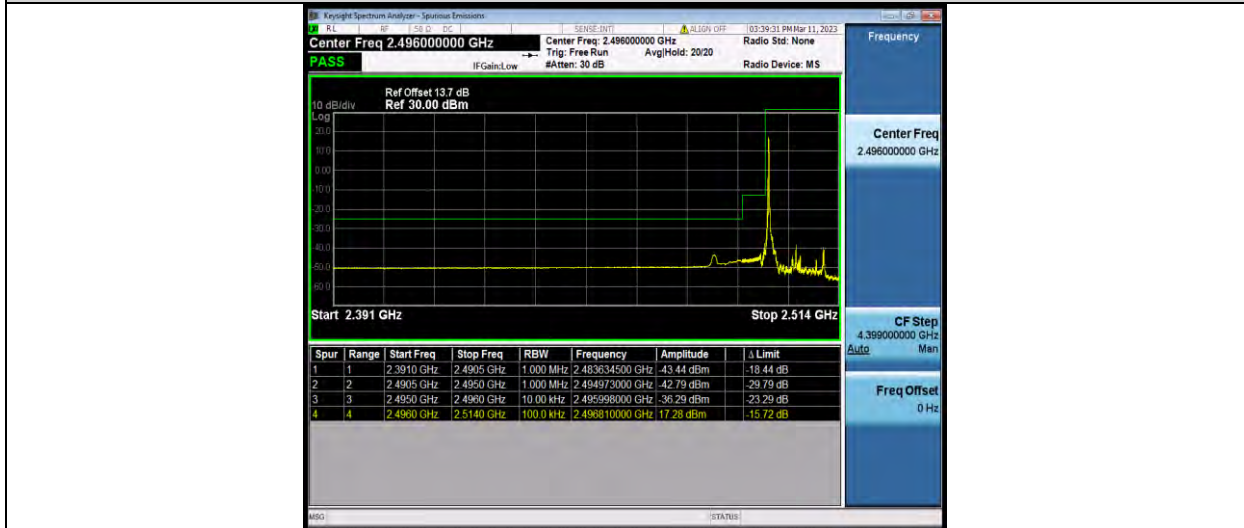


BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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



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

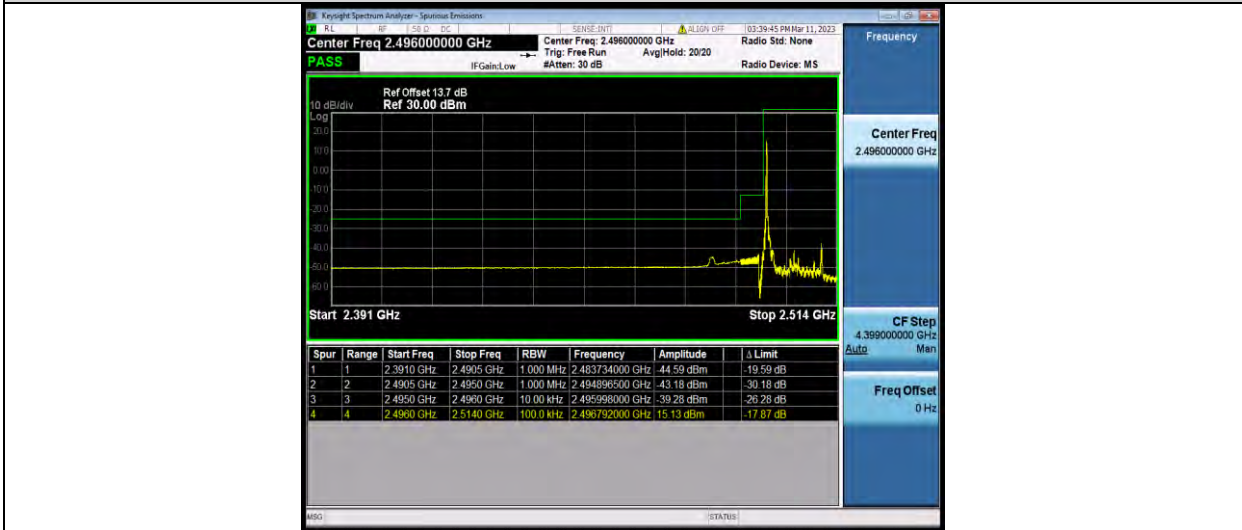


BUREAU VERITAS

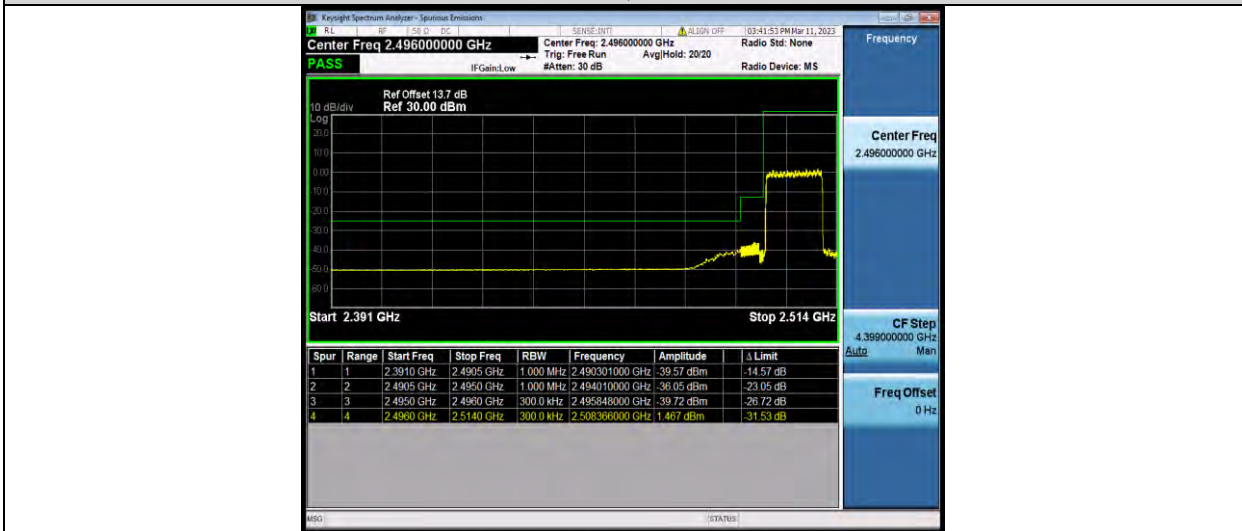
Test Report No.: W7L-P23030003RF07



Band41-15MHz-16QAM-39725-1RB#0



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

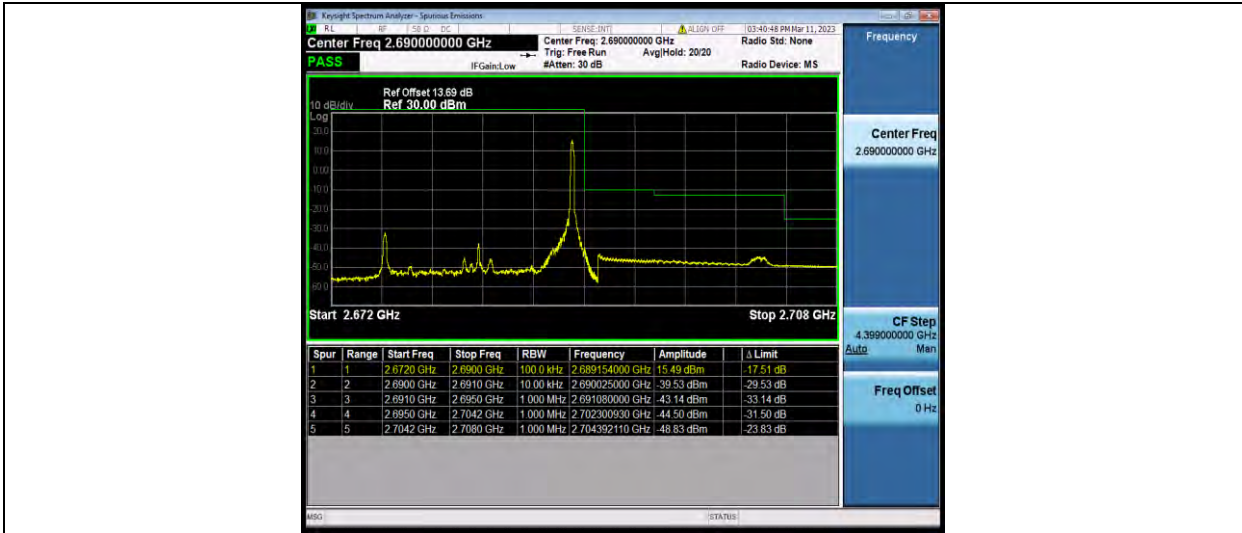


Band41-15MHz-16QAM-41515-1RB#74

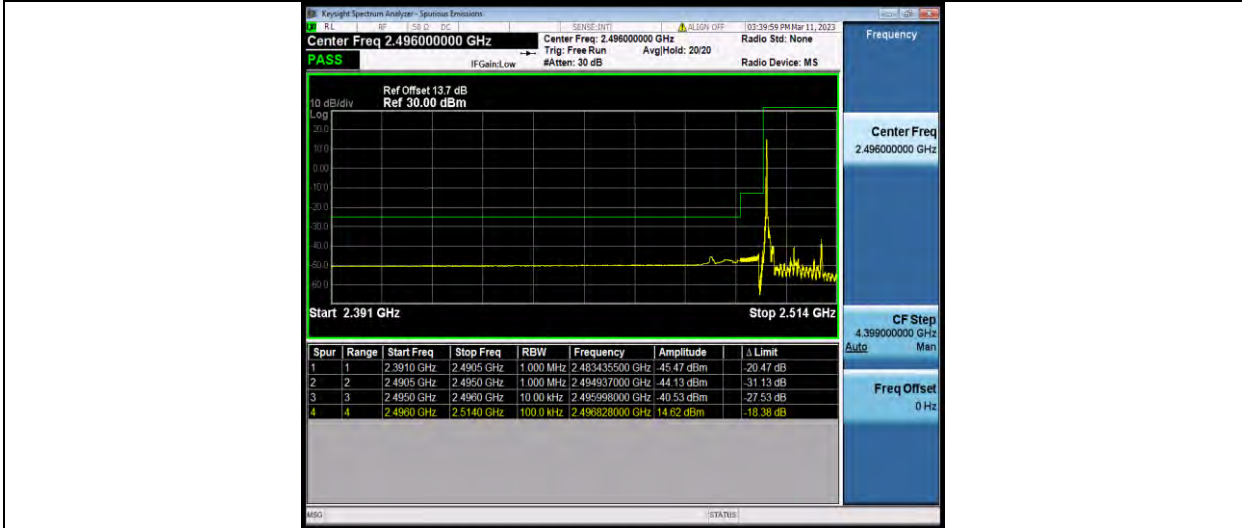


BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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



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

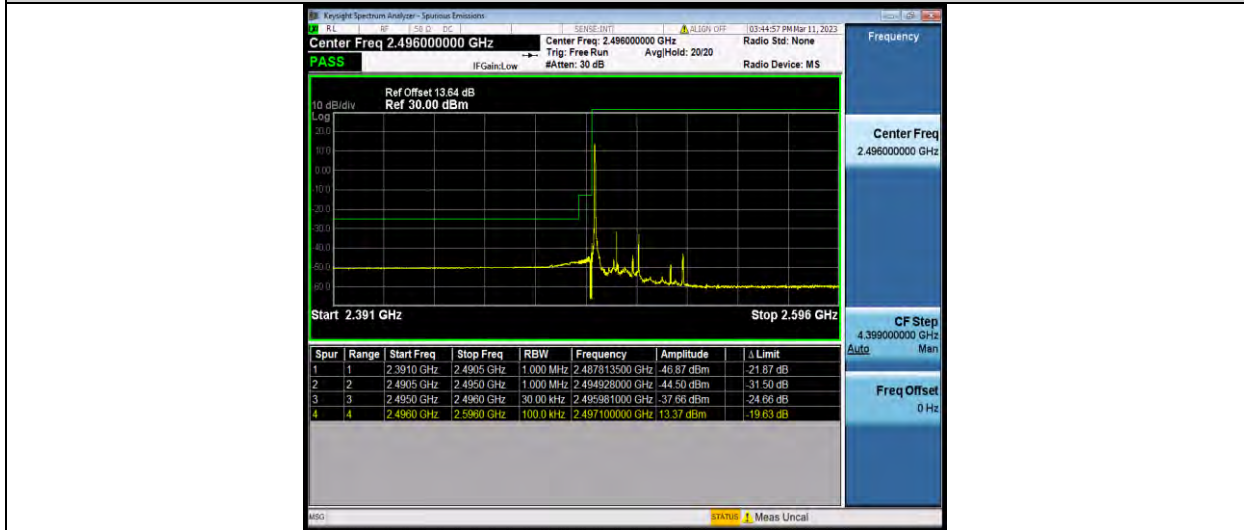


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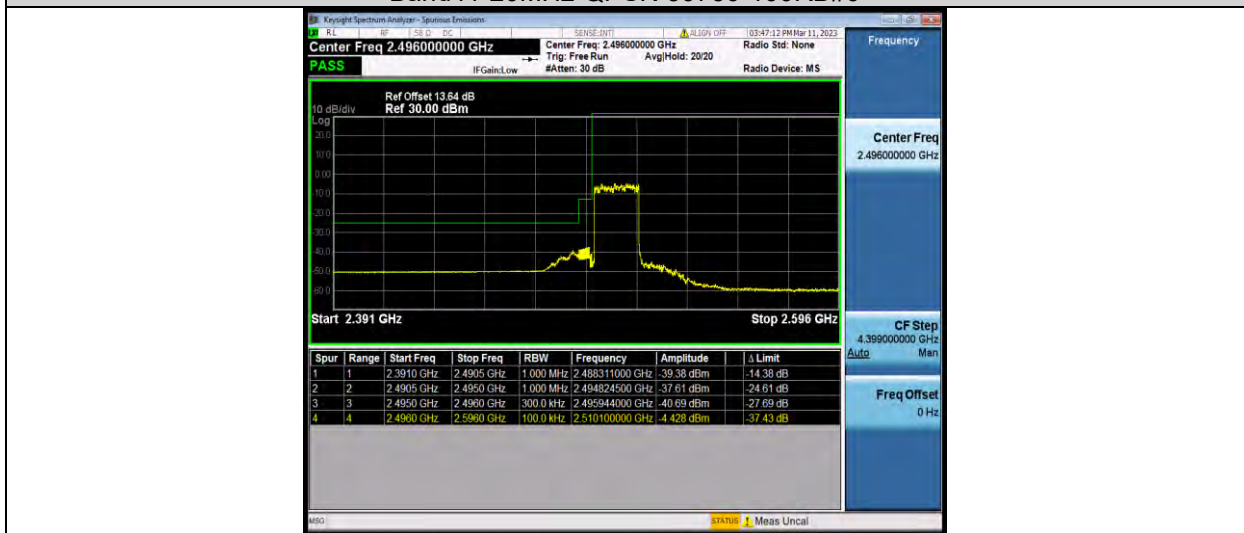
Test Report No.: W7L-P23030003RF07



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



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

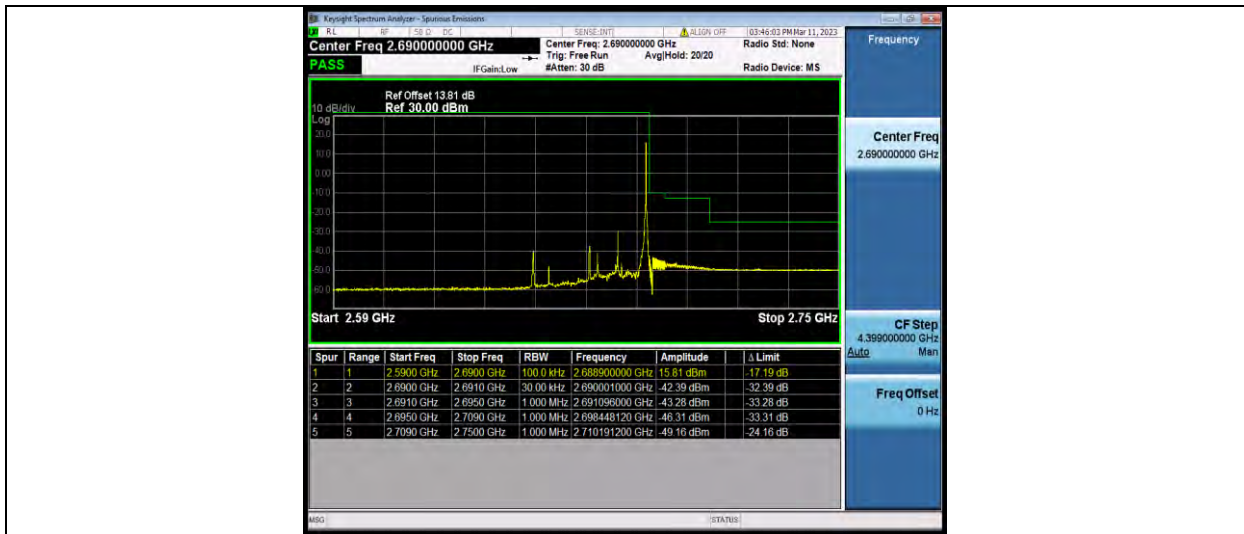


Band41-20MHz-QPSK-41490-1RB#99



BUREAU VERITAS

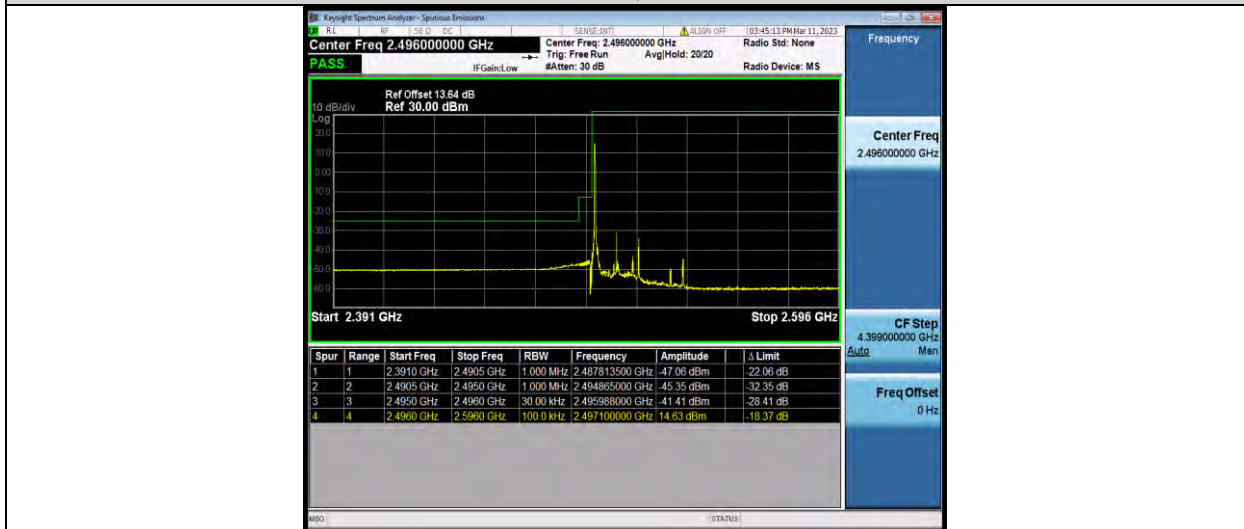
Test Report No.: W7L-P23030003RF07



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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

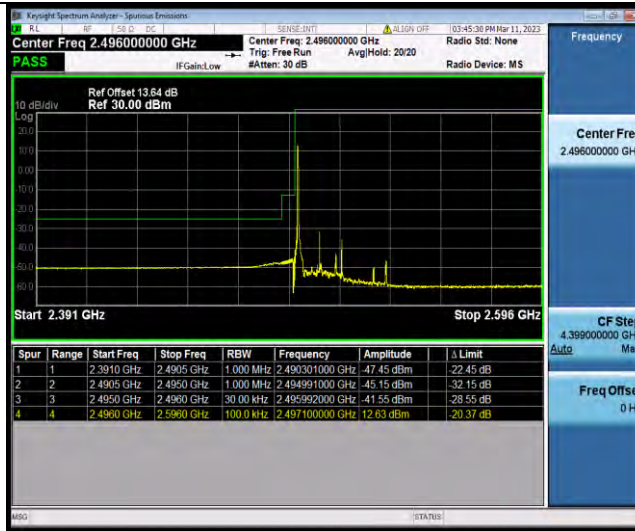


Band41-20MHz-64QAM-39750-1RB#0

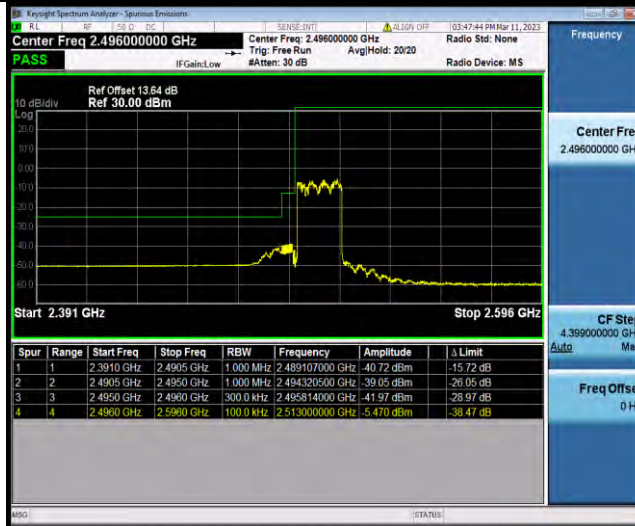


BUREAU VERITAS

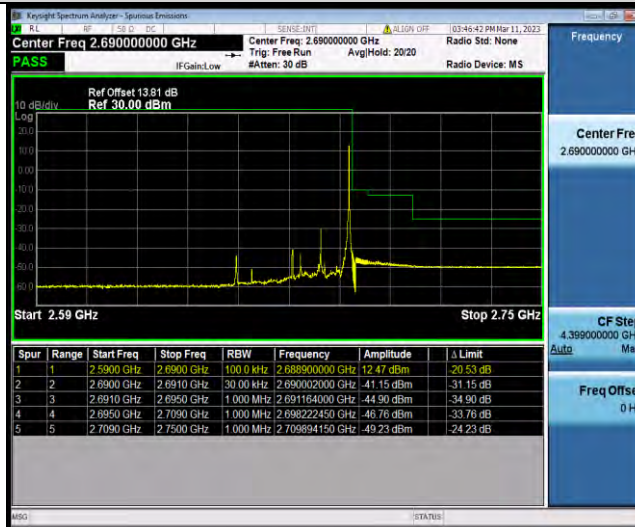
Test Report No.: W7L-P23030003RF07



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P23030003RF07





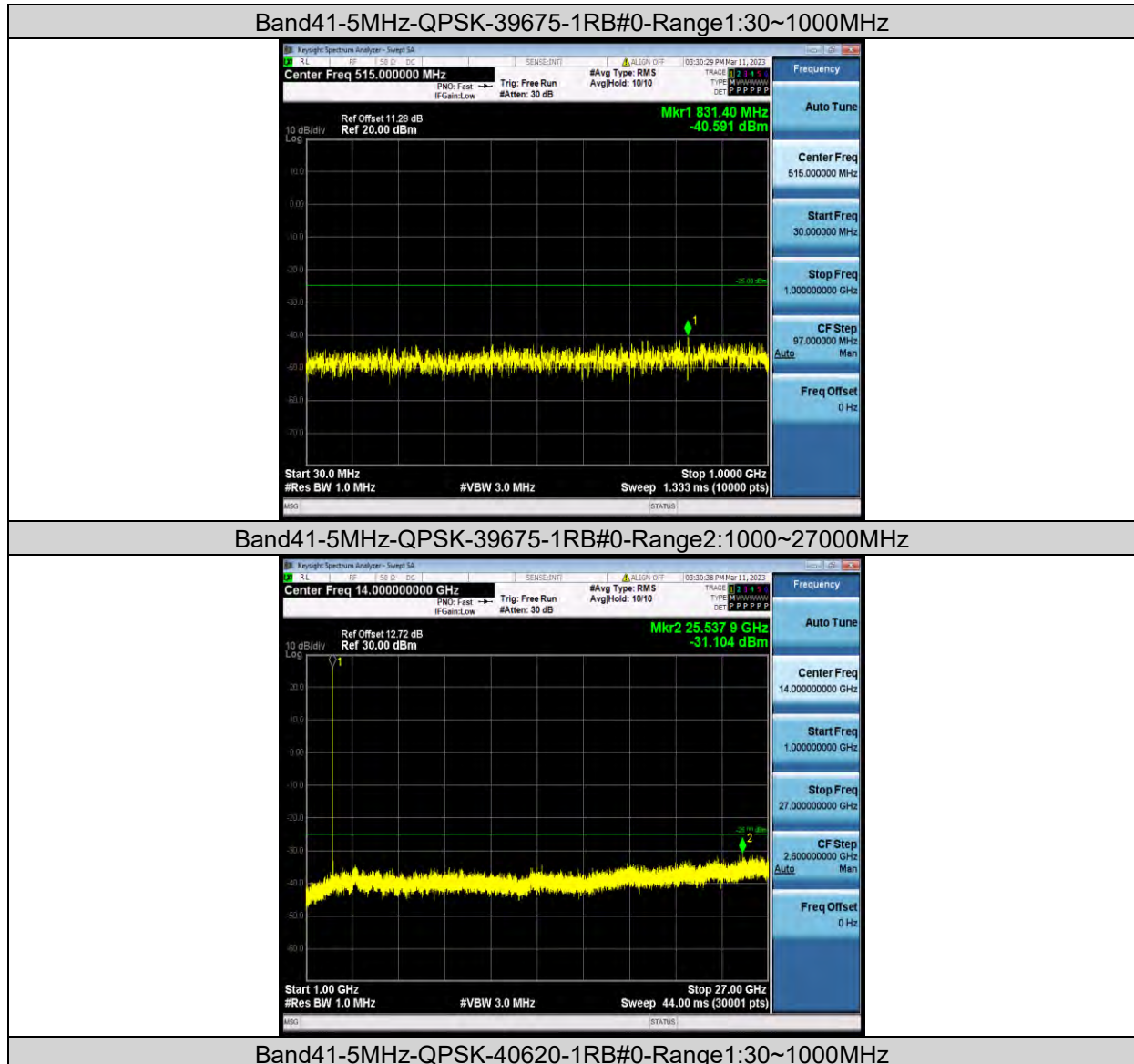
Test Report No.: W7L-P23030003RF07

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	-40.59	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-31.1	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.03	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-30.99	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-41.14	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~27000MHz	-30.87	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-40.75	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~27000MHz	-31.38	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.34	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.1	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-41.22	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~27000MHz	-30.67	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-40.66	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~27000MHz	-30.32	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.02	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.01	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-39.56	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~27000MHz	-31.58	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-40.25	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~27000MHz	-30.53	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-40.94	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-30.61	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-41.55	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~27000MHz	-29.86	PASS

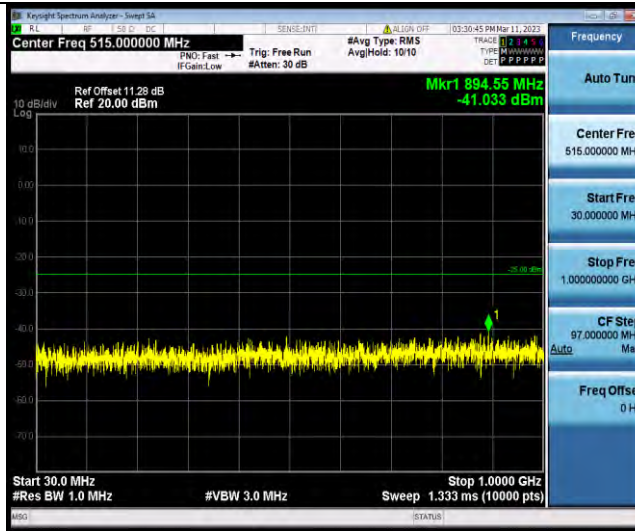
Test Graphs



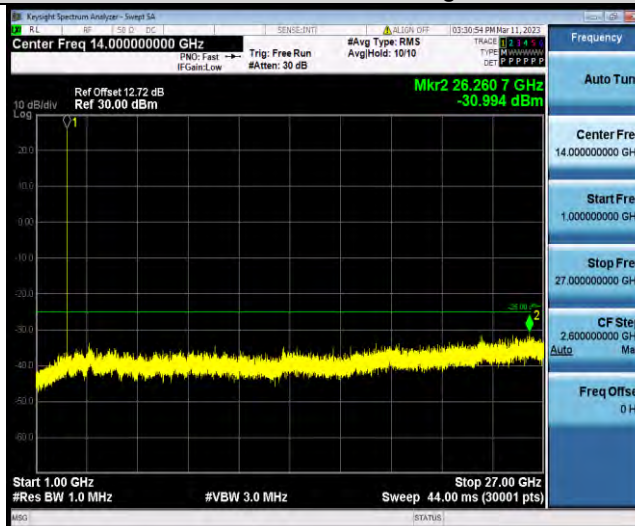


BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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

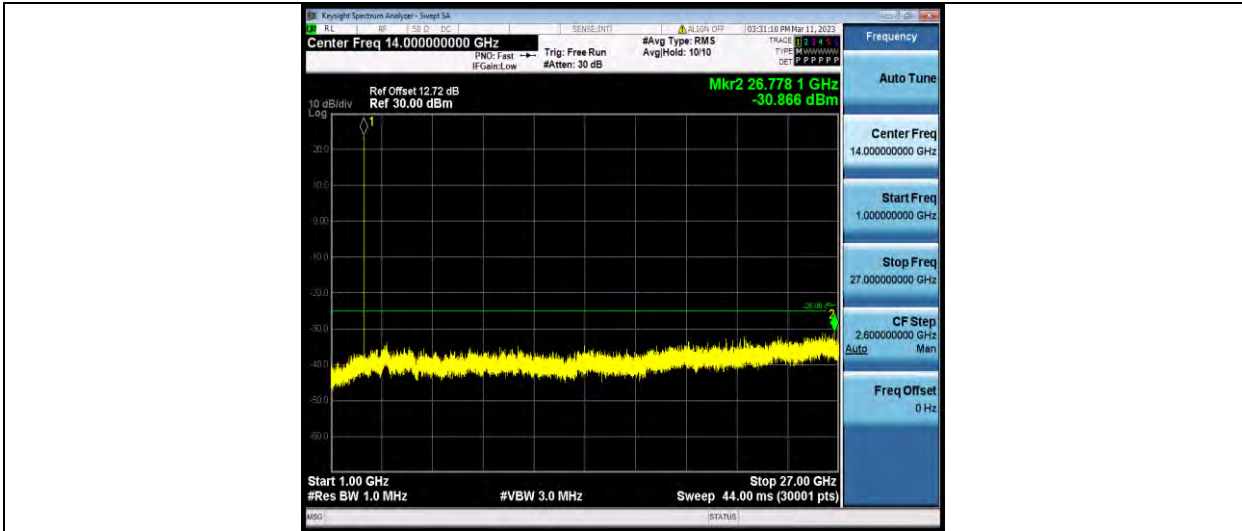


Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz

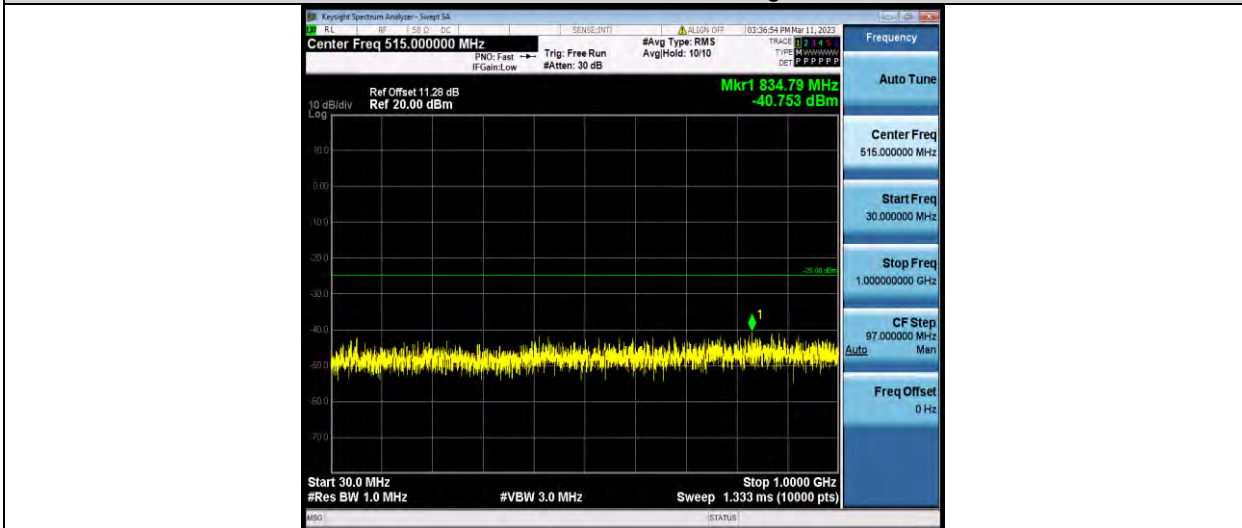


BUREAU VERITAS

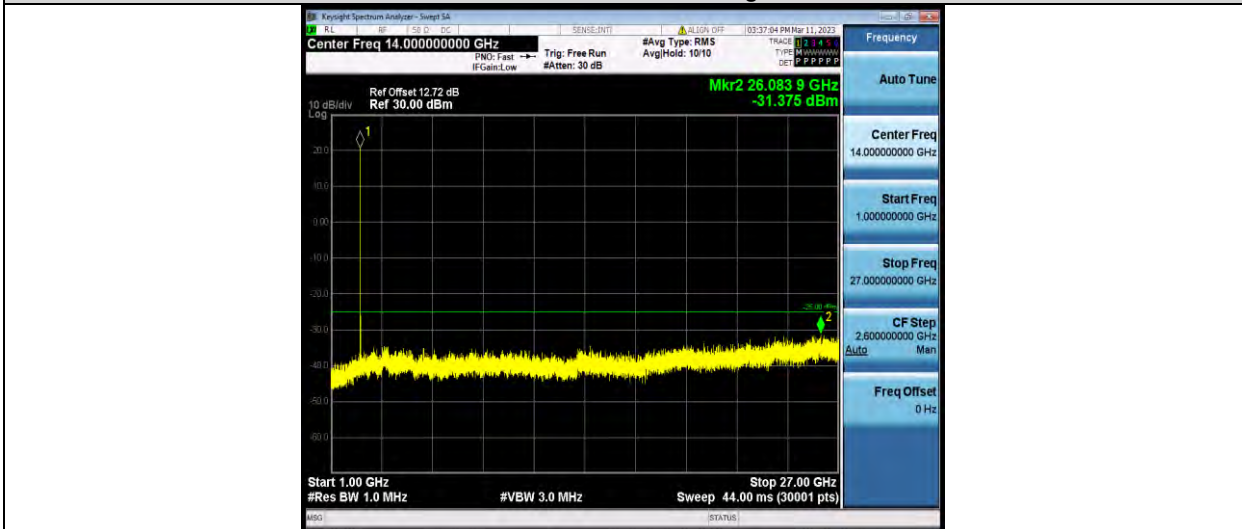
Test Report No.: W7L-P23030003RF07



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



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

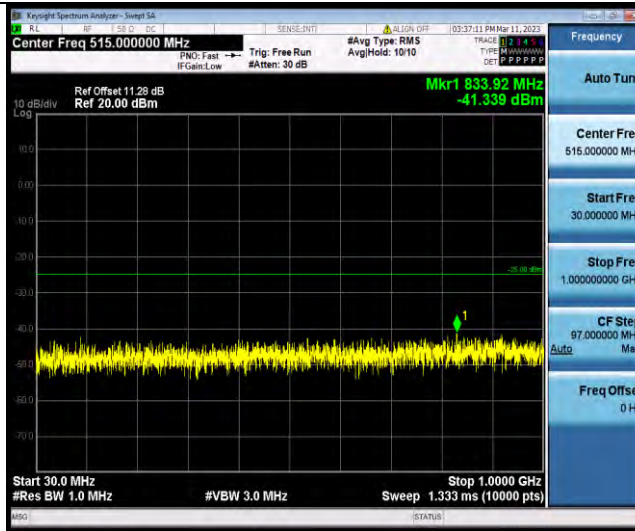


Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

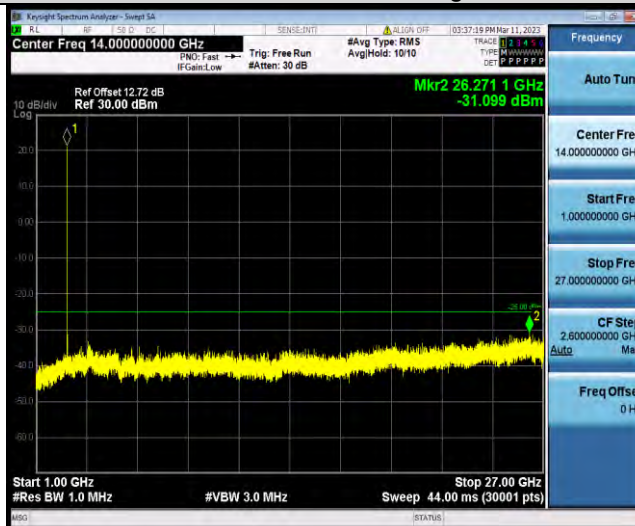


BUREAU VERITAS

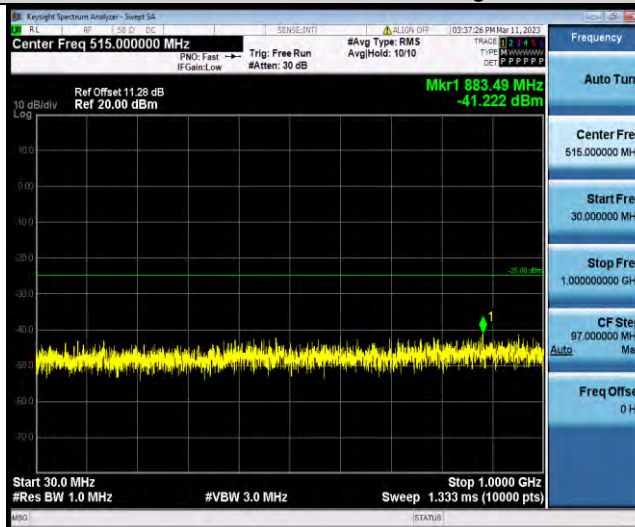
Test Report No.: W7L-P23030003RF07



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



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

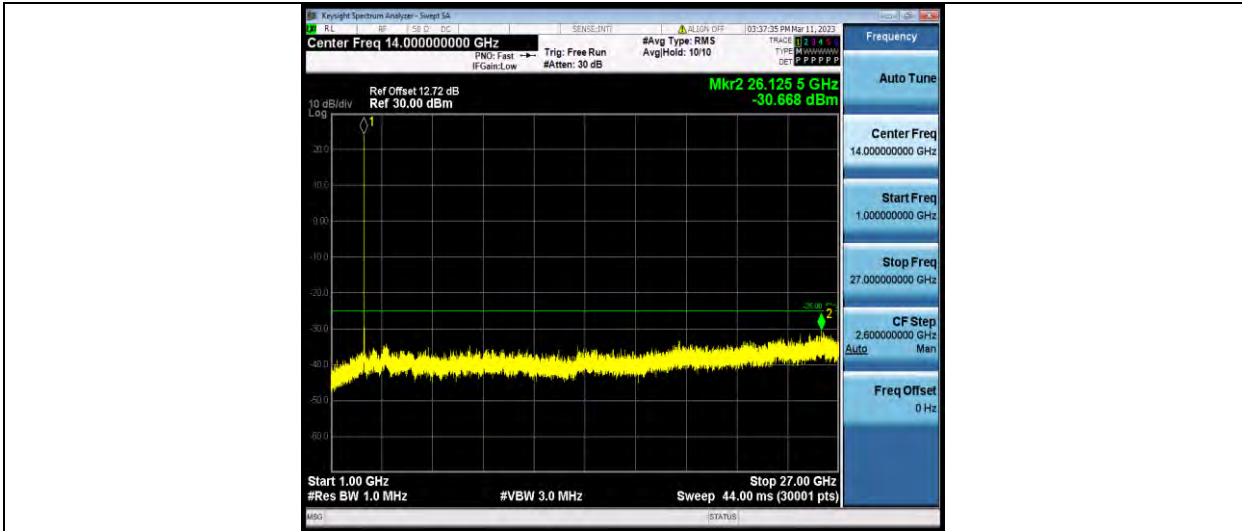


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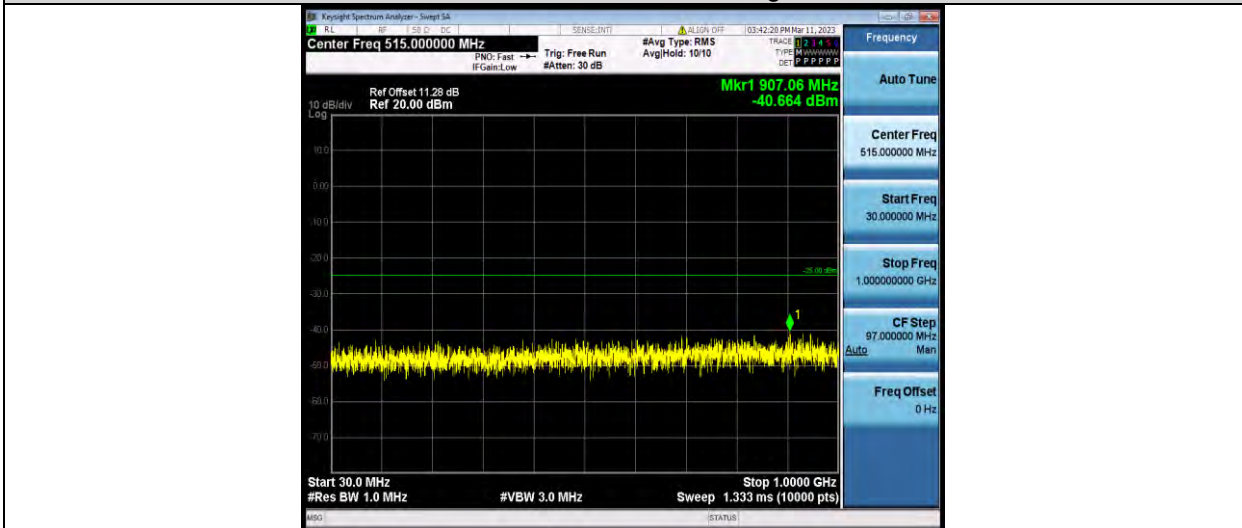


BUREAU VERITAS

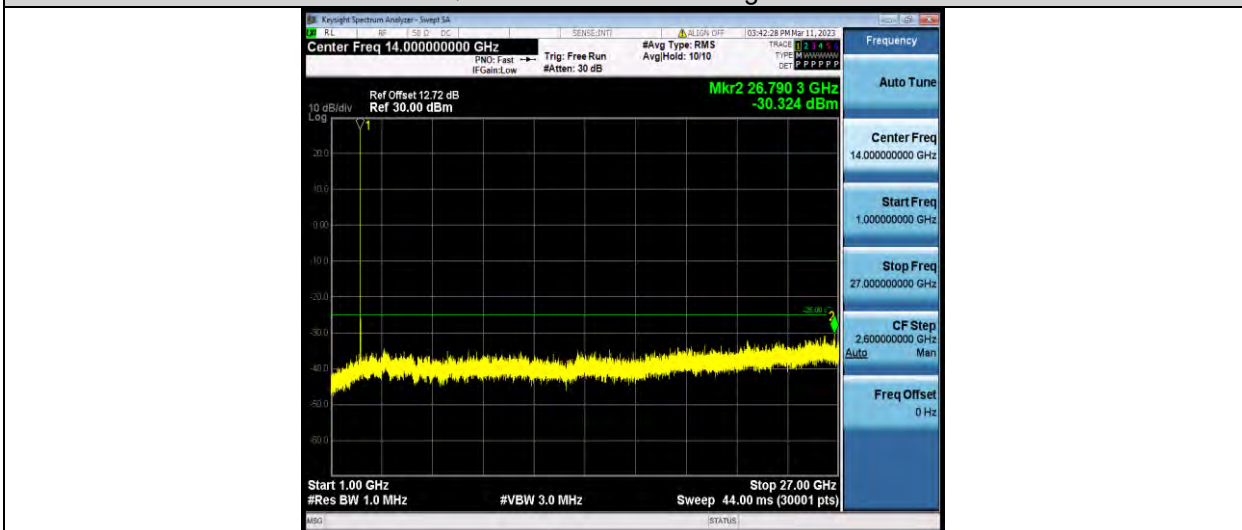
Test Report No.: W7L-P23030003RF07



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



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

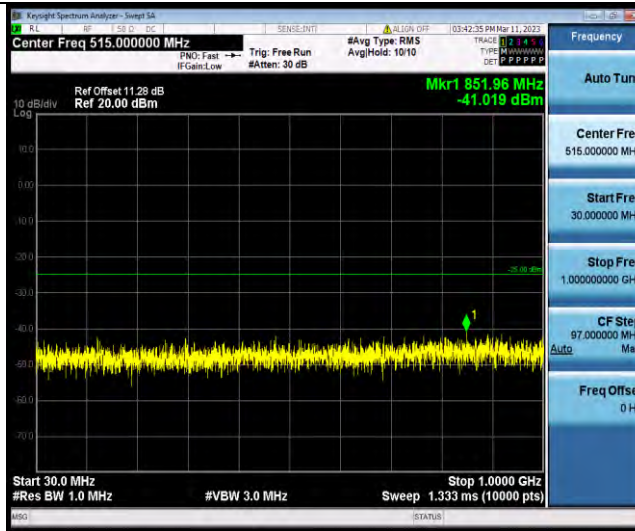


Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

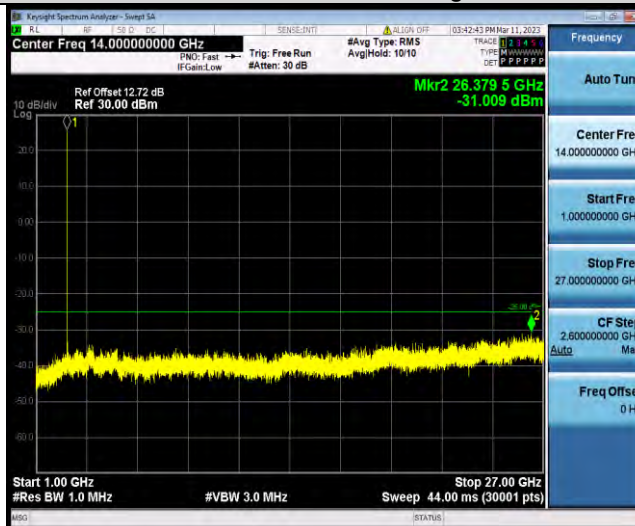


BUREAU VERITAS

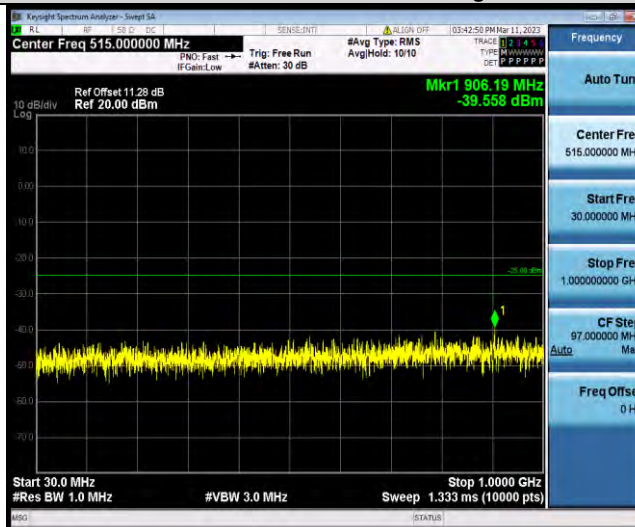
Test Report No.: W7L-P23030003RF07



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



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

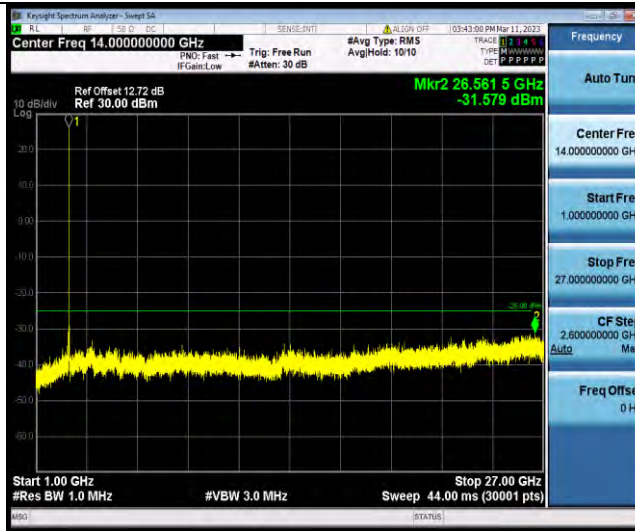


Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~27000MHz

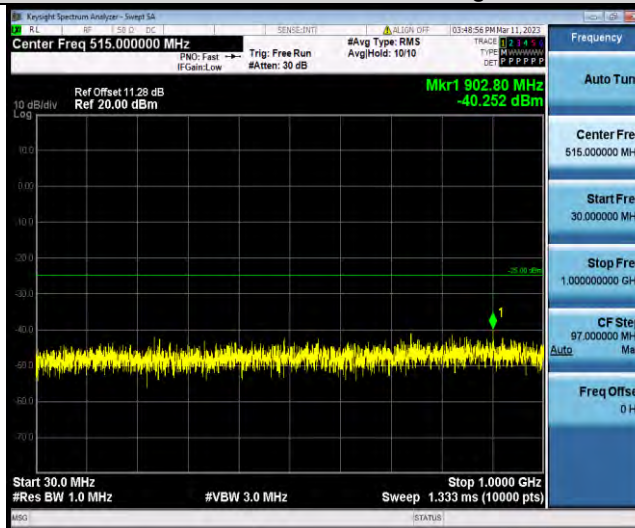


BUREAU VERITAS

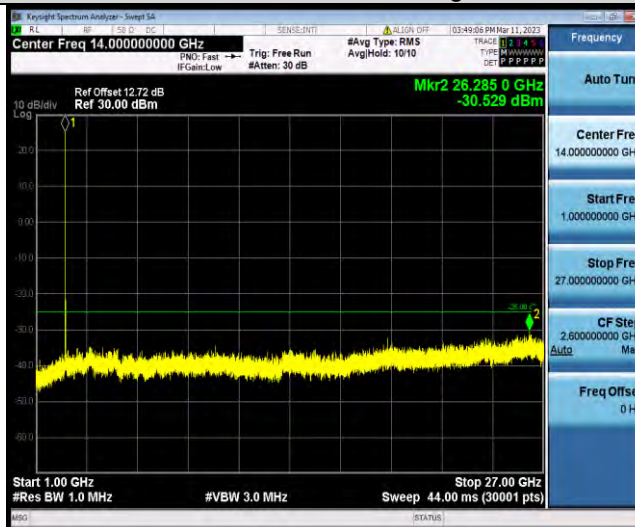
Test Report No.: W7L-P23030003RF07



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



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

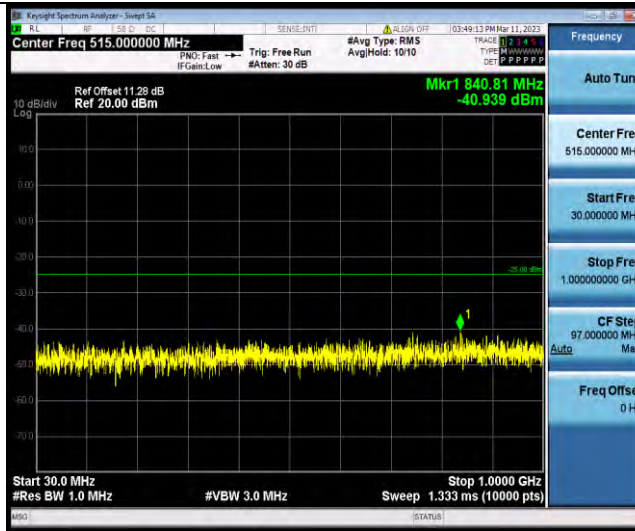


Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

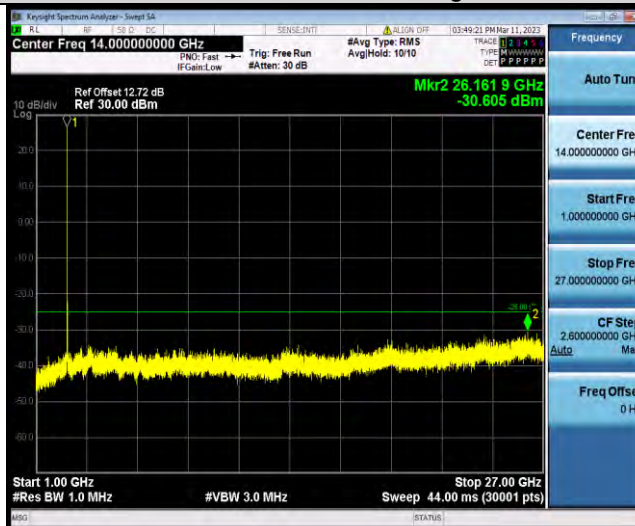


BUREAU VERITAS

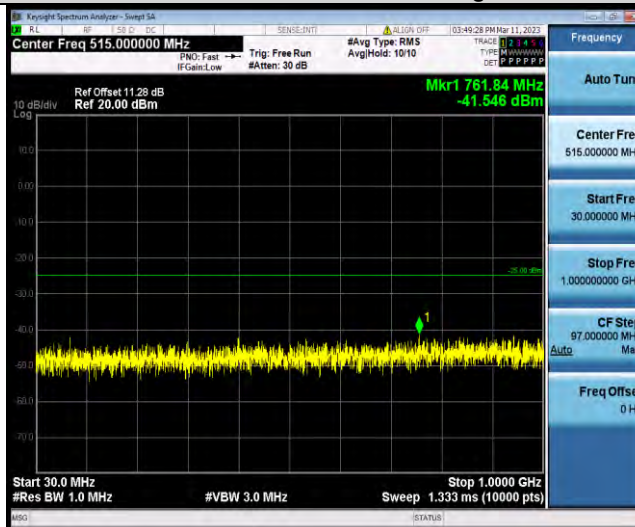
Test Report No.: W7L-P23030003RF07



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



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

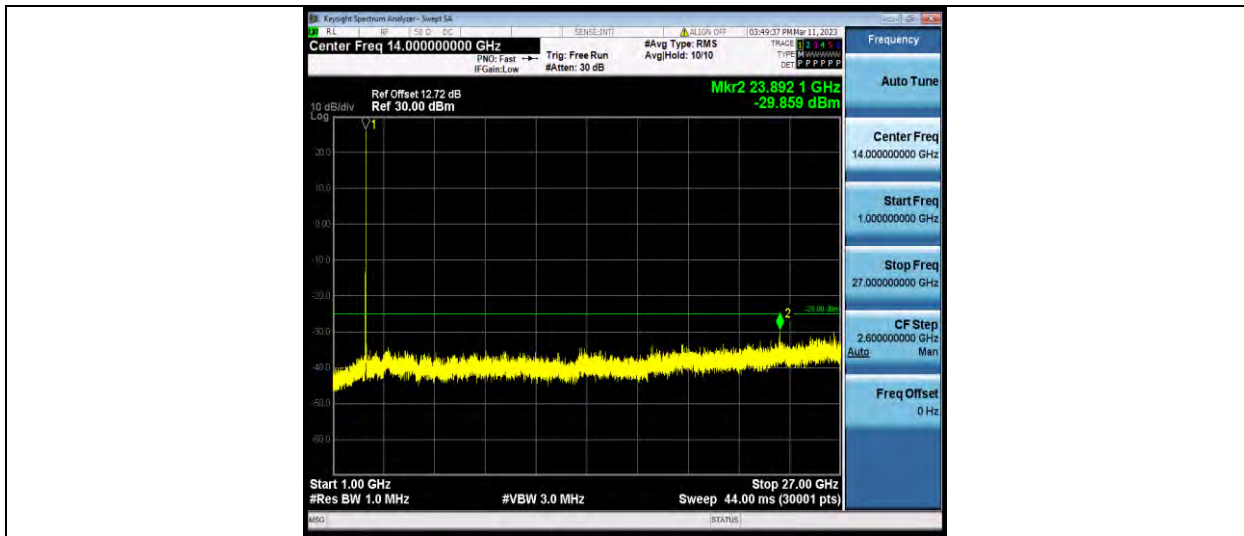


Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz



BUREAU
VERITAS

Test Report No.: W7L-P23030003RF07





Test Report No.: W7L-P23030003RF07

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	-10.96	-0.004374	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	NT	-7.28	-0.002905	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	HV	NT	-7.15	-0.002853	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	LV	NT	11.59	0.004470	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	NV	NT	-14.68	-0.005661	±2.5	PASS
Band4_1	20MHz	QPSK	40620	100RB#0	HV	NT	-3.55	-0.001369	±2.5	PASS
Band4_1	20MHz	QPSK	41490	100RB#0	LV	NT	7.44	0.002776	±2.5	PASS
Band4_1	20MHz	QPSK	41490	100RB#0	NV	NT	-5.18	-0.001933	±2.5	PASS
Band4_1	20MHz	QPSK	41490	100RB#0	HV	NT	-10.93	-0.004078	±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	-8.67	-0.003460	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	-20	-6.52	-0.002602	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	-10	-9.26	-0.003695	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	0	9.63	0.003843	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	10	-13.09	-0.005223	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	20	8.15	0.003252	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	30	-11.01	-0.004393	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	40	-6.95	-0.002773	±2.5	PASS
Band4_1	20MHz	QPSK	39750	100RB#0	NV	50	-8.57	-0.003420	±2.5	PASS
Band4	20MHz	QPSK	40620	100RB#0	NV	-30	5.05	0.001948	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P23030003RF07

1										
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	-10.33	-0.003984	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-10	-7.00	-0.002700	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	3.62	0.001396	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	3.99	0.001539	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	-11.59	-0.004470	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	30	4.94	0.001905	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	40	10.84	0.004180	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	50	-6.64	-0.002561	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	-11.50	-0.004291	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	6.39	0.002384	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-10	-5.55	-0.002071	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-8.74	-0.003261	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	-8.20	-0.003060	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	3.40	0.001269	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	30	-10.44	-0.003896	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	40	-5.81	-0.002168	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	50	-5.69	-0.002123	±2.5	PASS

Note: LV = Low voltage(3.5V); NV = Normal voltage(3.8V); HV = High voltage(4.2V);
NT = Normal temperature (25°C).

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
fL- MAX(Δ f)	2497.036000	≥2498.5	PASS
fH- MAX(Δ f)	2688.970000	≤2690	

Note : 1. |MAX(Δ f)| = Max Deviation

2. fL = Occ low channel fL(-13dBm/MHz)

3. fH = Occ High channel fH(-13dBm/MHz)

4. |MAX(Δ f)| = -14.68Hz.



Test Report No.: W7L-P23030003RF07

LTE BAND66 (INDCLUDING 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	4.59	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.60	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.91	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.53	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.48	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.35	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.37	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.35	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.66	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.30	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.45	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.20	13	PASS
Band66	20MHz	64QAM	132072	1RB#0	6.26	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.63	13	PASS
Band66	20MHz	64QAM	132322	1RB#0	6.33	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.63	13	PASS
Band66	20MHz	64QAM	132572	1RB#0	6.06	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.57	13	PASS



Test Report No.: W7L-P23030003RF07

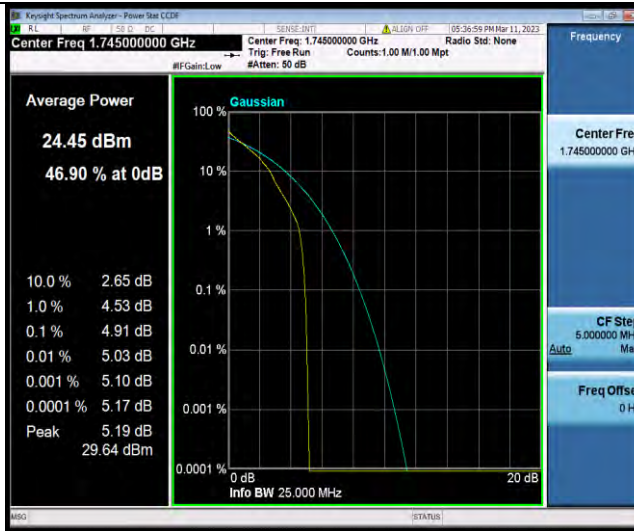
Test Graphs



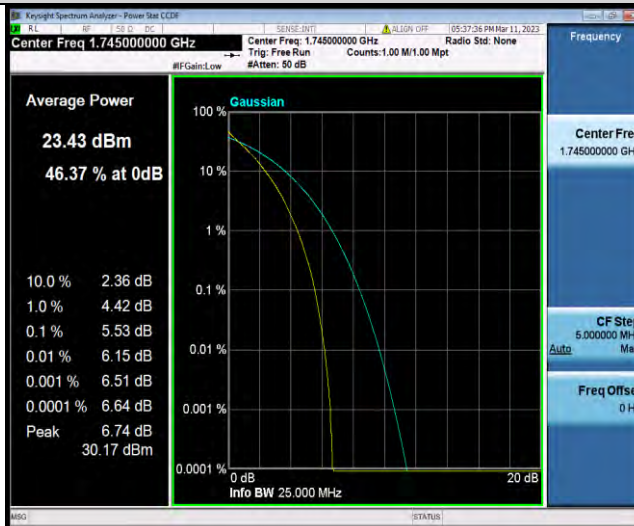


BUREAU VERITAS

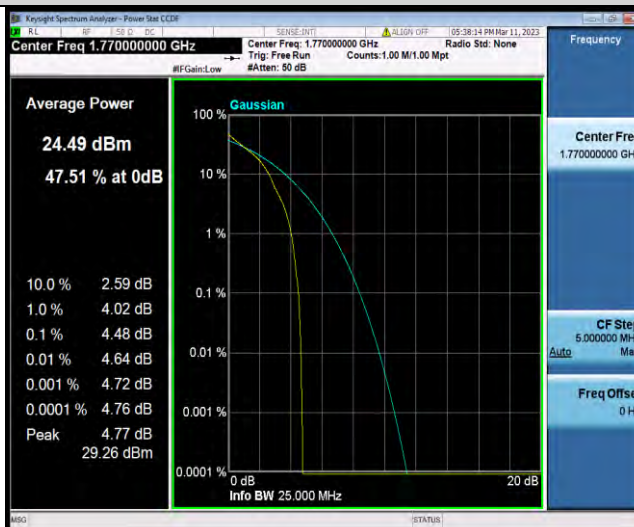
Test Report No.: W7L-P23030003RF07



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



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



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

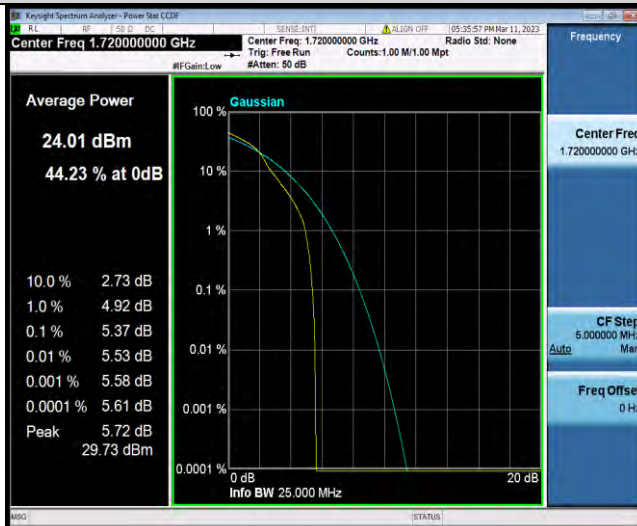


BUREAU VERITAS

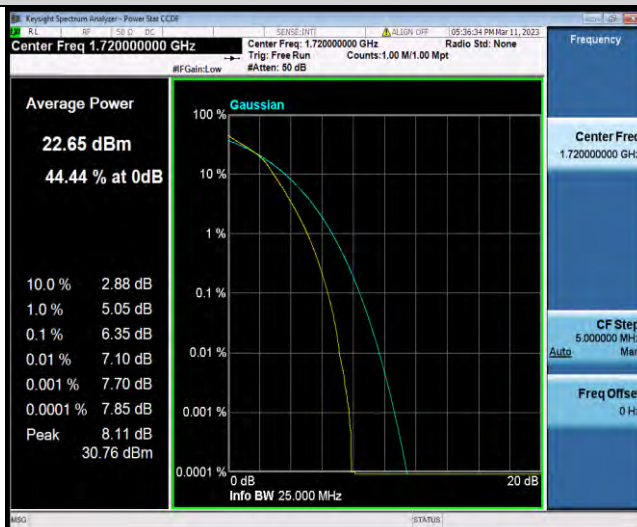
Test Report No.: W7L-P23030003RF07



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



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

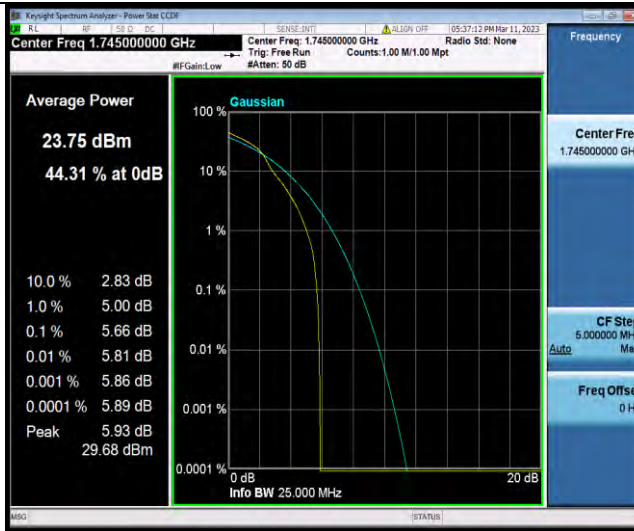


Band66-20MHz-16QAM-132322-1RB#0

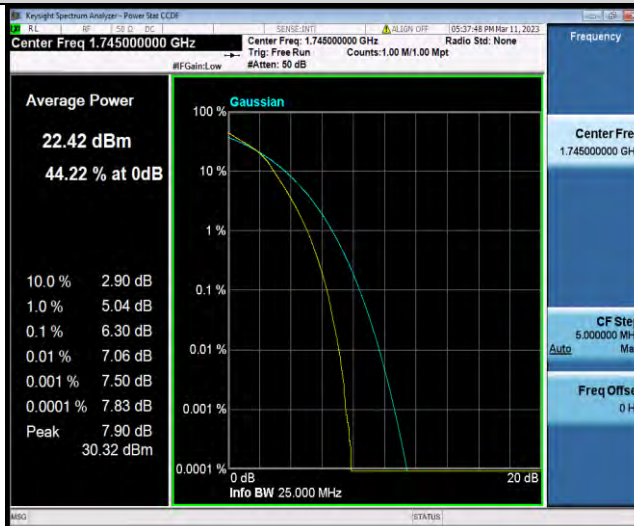


BUREAU VERITAS

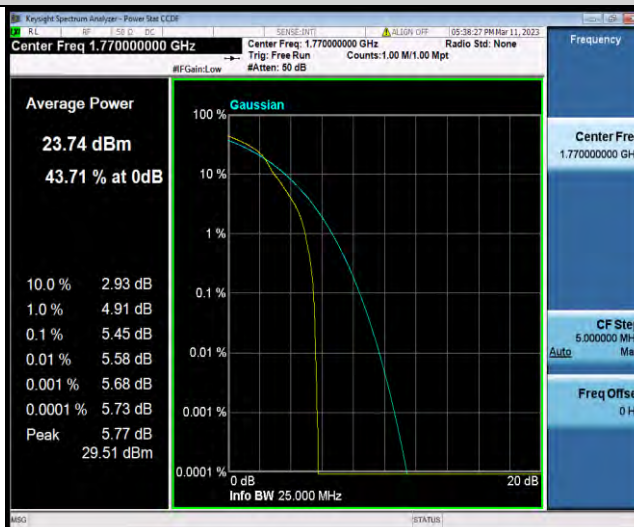
Test Report No.: W7L-P23030003RF07



Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0

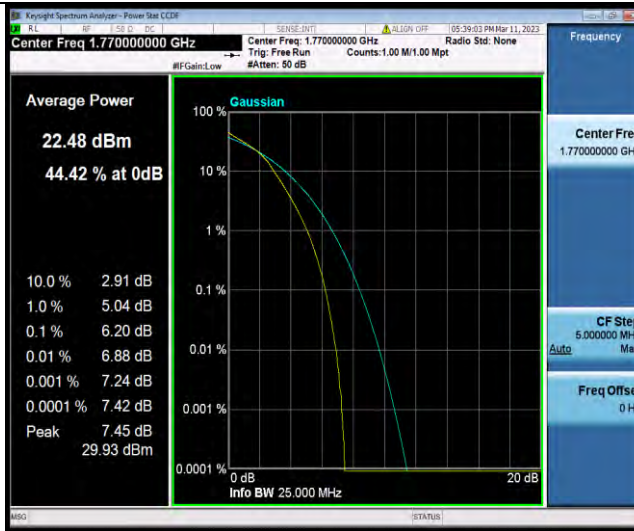


Band66-20MHz-16QAM-132572-100RB#0



BUREAU
VERITAS

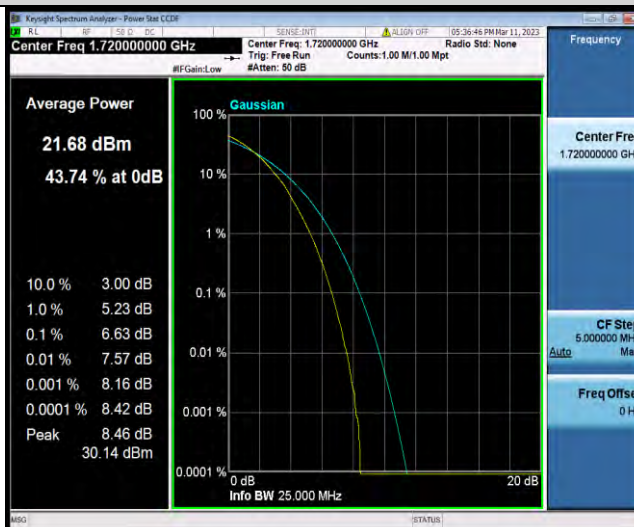
Test Report No.: W7L-P23030003RF07



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



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

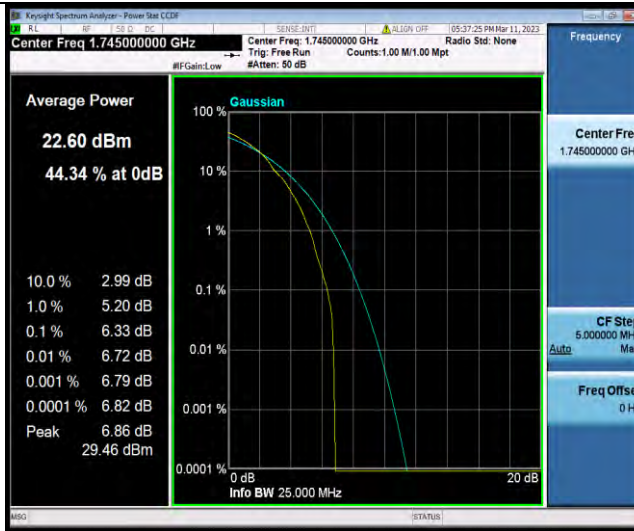


Band66-20MHz-64QAM-132322-1RB#0

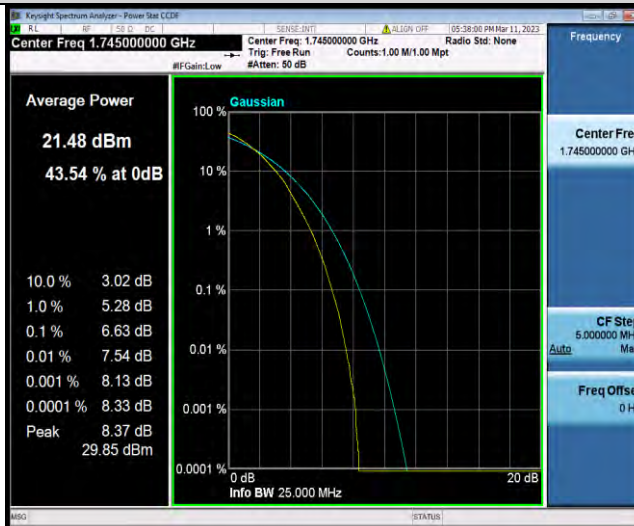


BUREAU
VERITAS

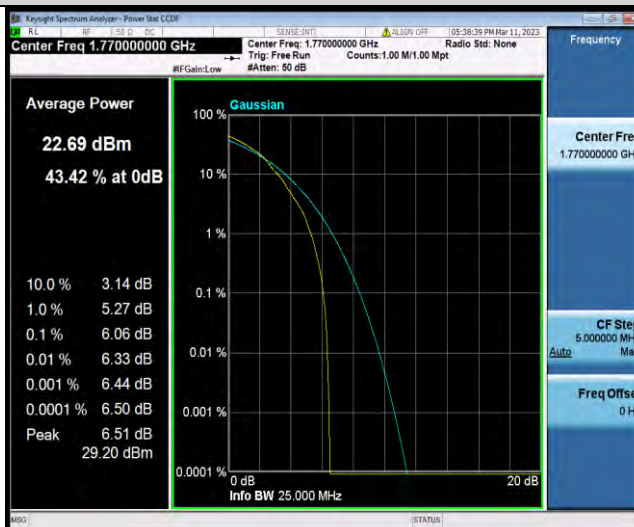
Test Report No.: W7L-P23030003RF07



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



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

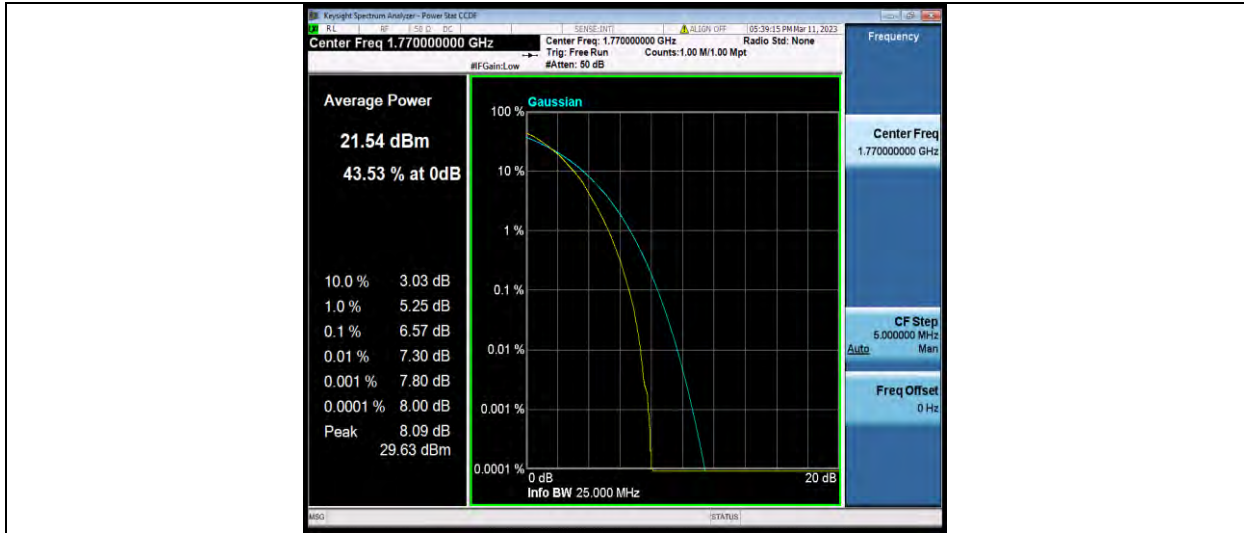


Band66-20MHz-64QAM-132572-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF07





Test Report No.: W7L-P23030003RF07

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	1.0877	1.243	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0876	1.250	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0927	1.248	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0898	1.252	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0902	1.260	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0900	1.250	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.0833	1.251	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.0868	1.258	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.0888	1.256	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6925	2.851	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6909	2.853	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6897	2.869	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6878	2.855	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6913	2.866	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6891	2.856	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.6959	2.858	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.6837	2.847	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.6924	2.868	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5042	4.918	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4984	4.881	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5037	4.928	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5079	4.934	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5036	4.863	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4964	4.946	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.5070	4.945	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.5023	4.921	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.5131	5.021	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9967	9.644	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9935	9.579	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9771	9.530	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9838	9.587	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9874	9.525	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9714	9.608	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.9718	9.558	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.9771	9.609	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.9906	9.551	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.486	14.35	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.478	14.29	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.474	14.28	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.471	14.30	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.456	14.29	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.480	14.34	PASS



**BUREAU
VERITAS**

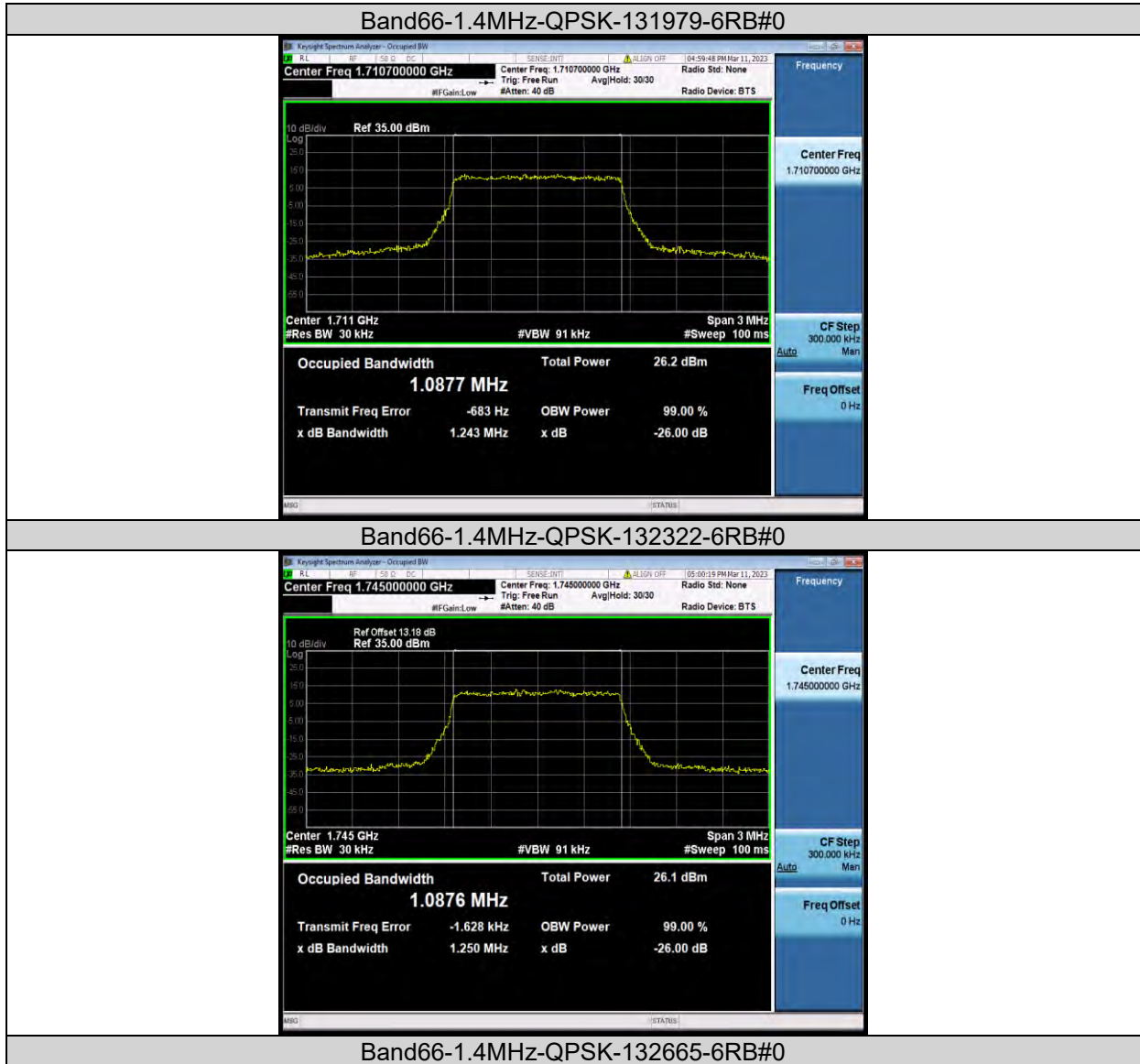
Test Report No.: W7L-P23030003RF07

Band66	15MHz	64QAM	132047	75RB#0	13.469	14.28	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.480	14.36	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.467	14.29	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.951	19.02	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.954	18.99	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.944	18.99	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.962	19.01	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.949	19.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.953	19.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.942	18.98	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.940	19.02	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.948	19.00	PASS



Test Report No.: W7L-P23030003RF07

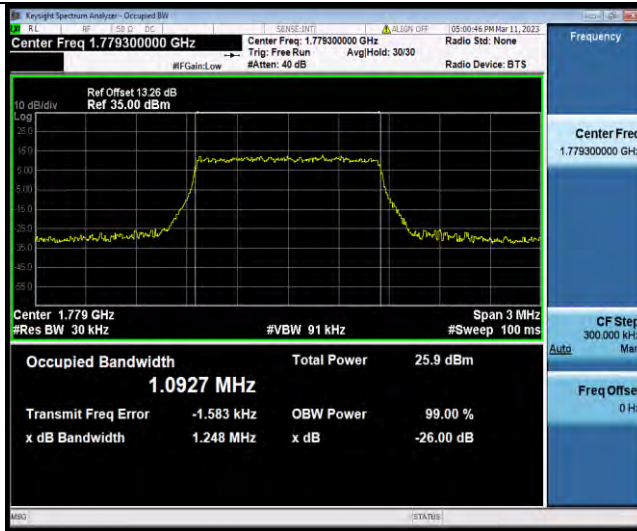
Test Graphs





BUREAU VERITAS

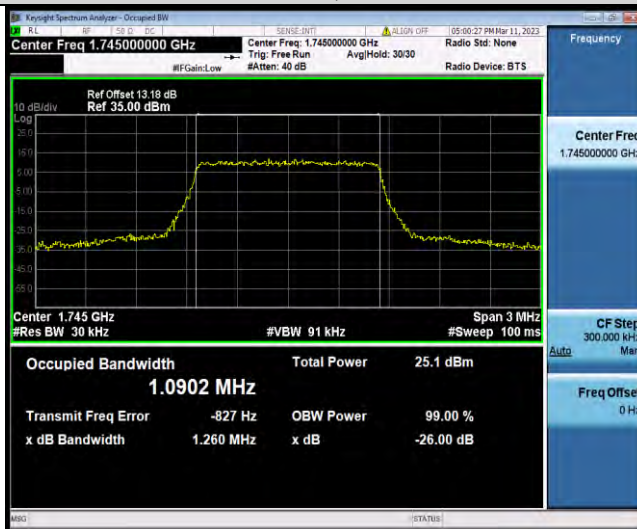
Test Report No.: W7L-P23030003RF07



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



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

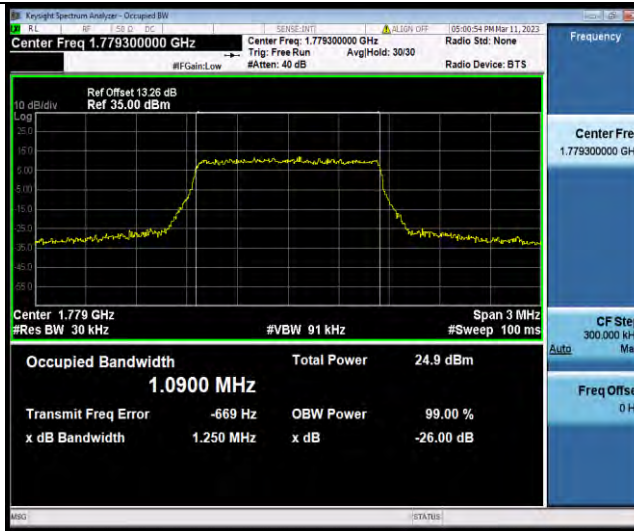


Band66-1.4MHz-16QAM-132665-6RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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

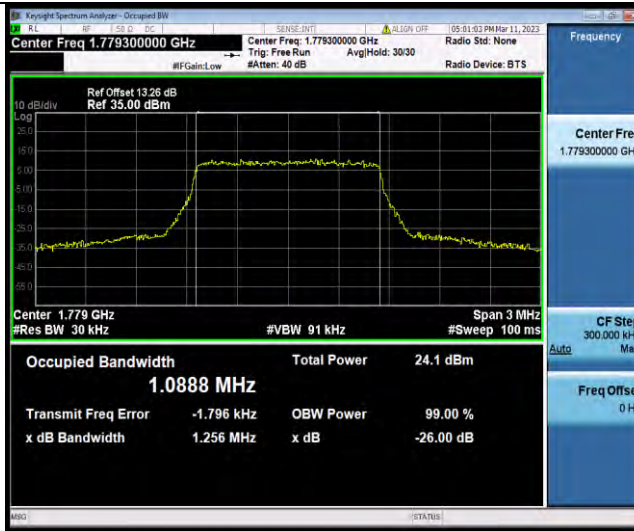


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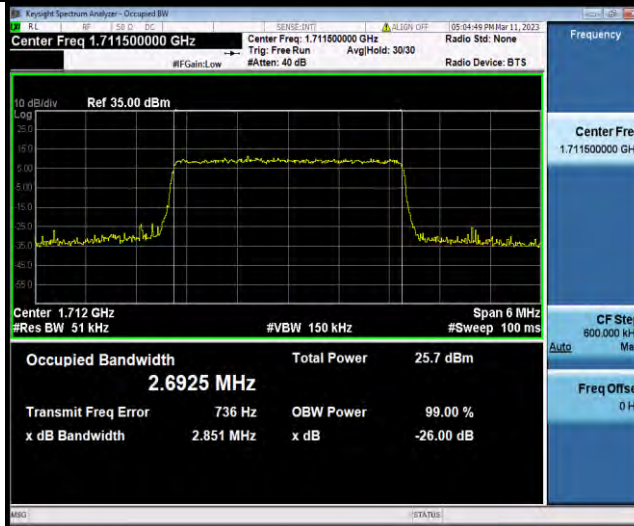


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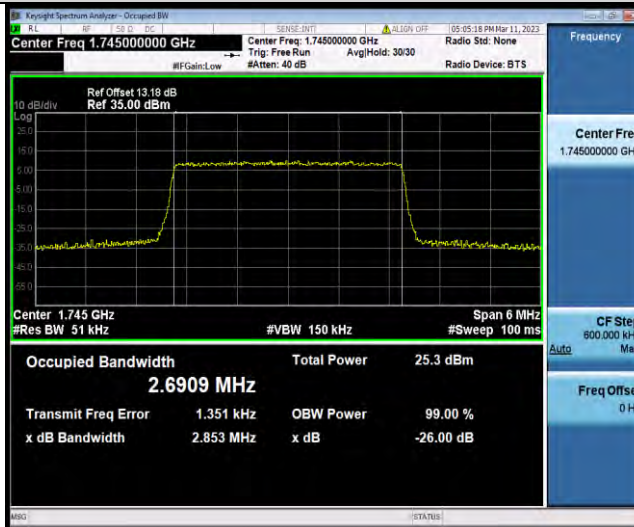
Test Report No.: W7L-P23030003RF07



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



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

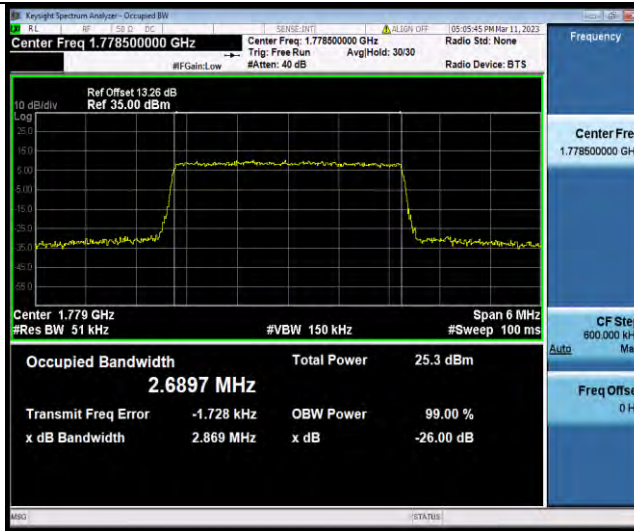


Band66-3MHz-QPSK-132657-15RB#0

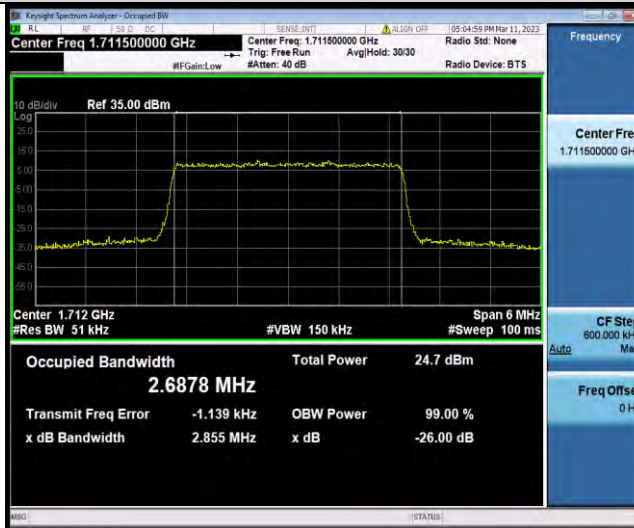


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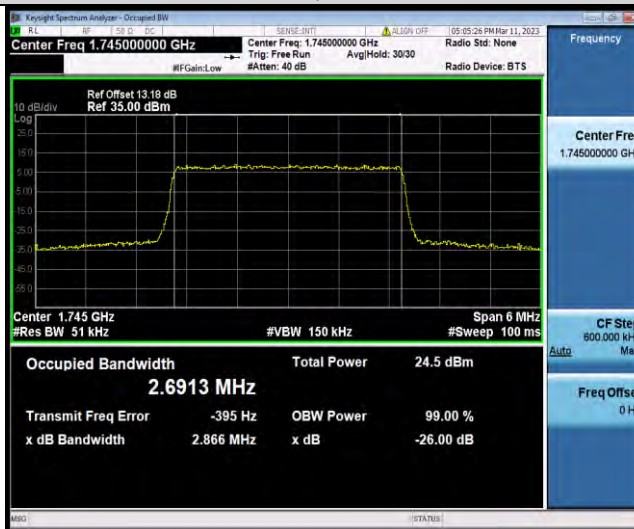
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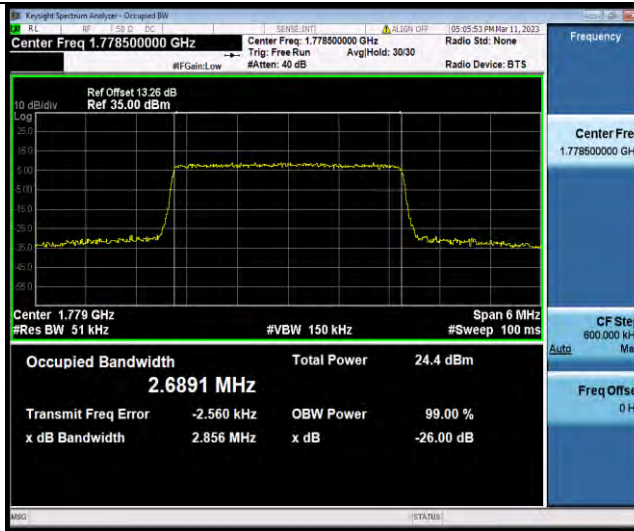


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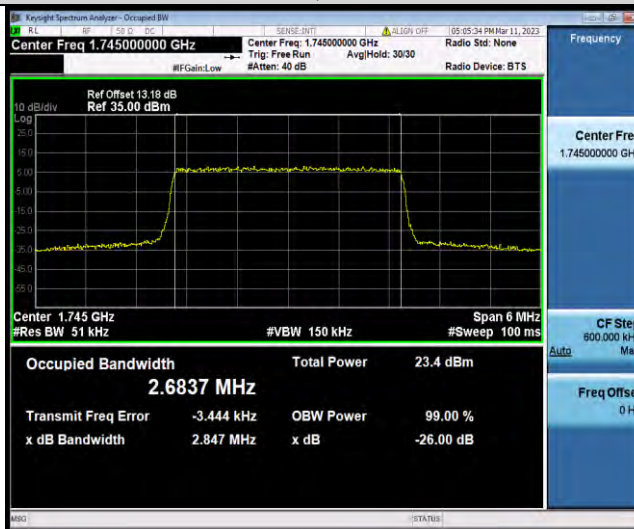
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Band66-3MHz-64QAM-131987-15RB#0



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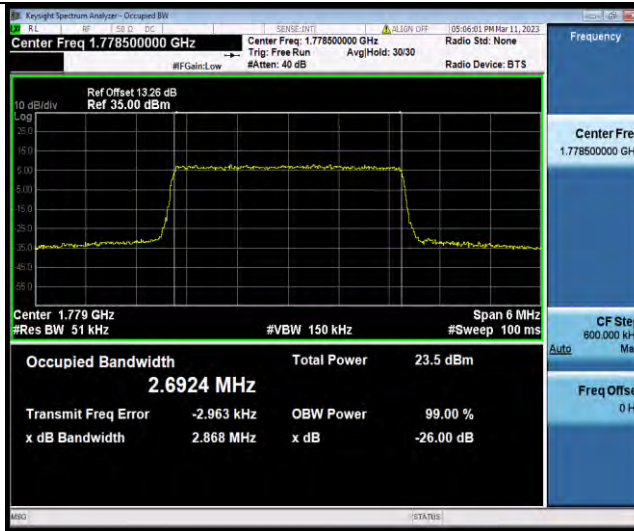


Band66-3MHz-64QAM-132657-15RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF07



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



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



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