

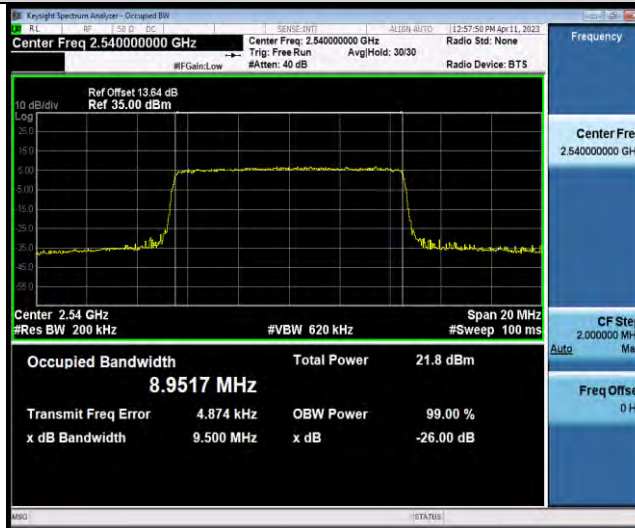


BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-10MHz-QPSK-40090-50RB#0



Band41-10MHz-QPSK-40640-50RB#0



Band41-10MHz-QPSK-41190-50RB#0

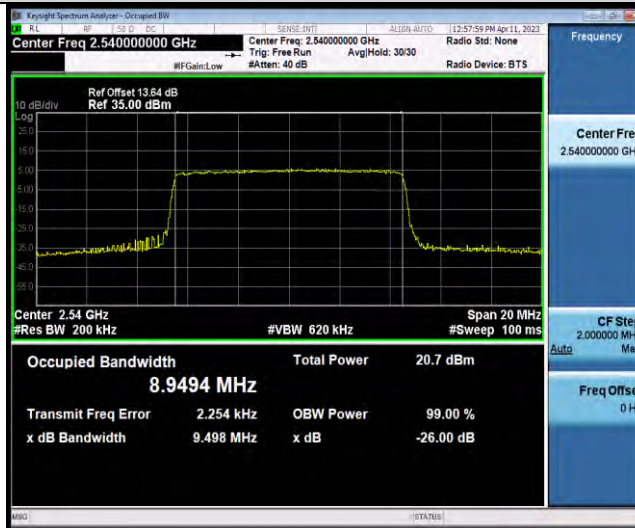


BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-10MHz-16QAM-40090-50RB#0



Band41-10MHz-16QAM-40640-50RB#0

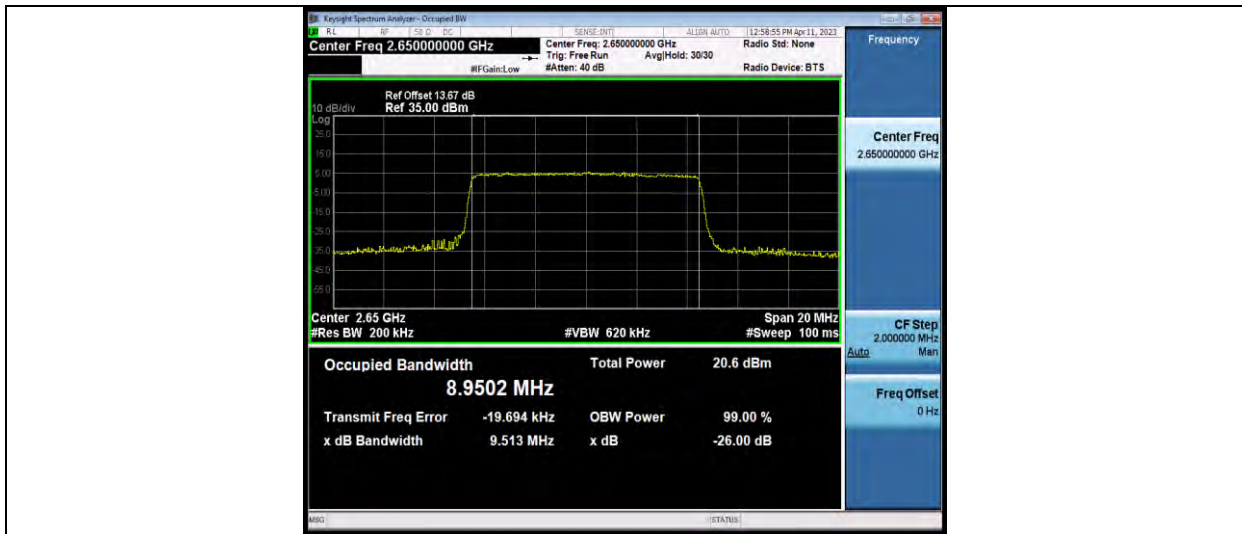


Band41-10MHz-16QAM-41190-50RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-10MHz-64QAM-40090-50RB#0



Band41-10MHz-64QAM-40640-50RB#0

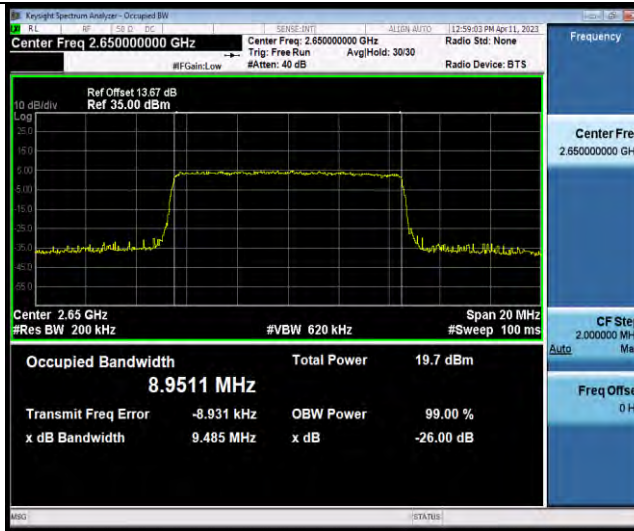


Band41-10MHz-64QAM-41190-50RB#0

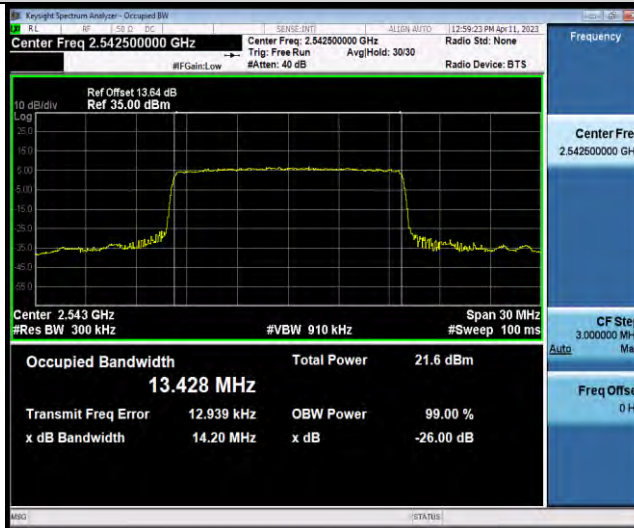


BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-15MHz-QPSK-40115-75RB#0



Band41-15MHz-QPSK-40640-75RB#0

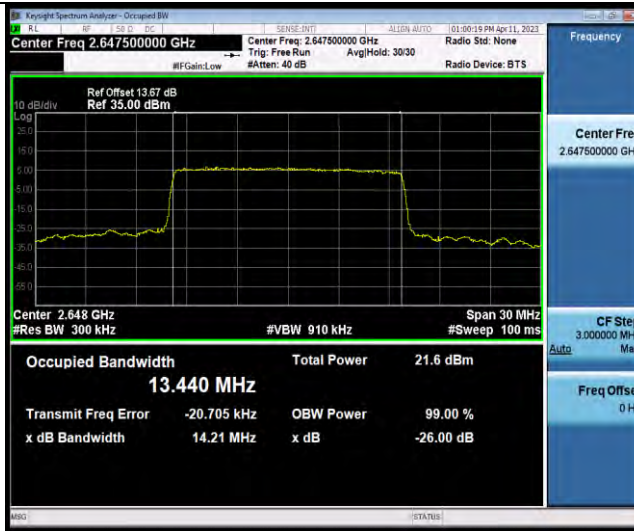


Band41-15MHz-QPSK-41165-75RB#0

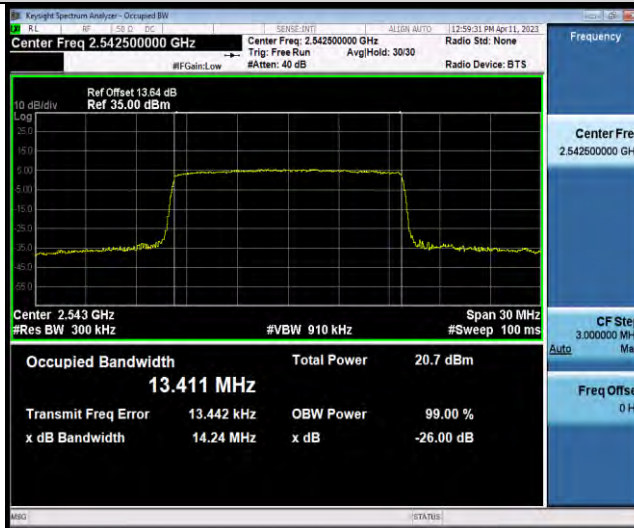


BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-15MHz-16QAM-40115-75RB#0



Band41-15MHz-16QAM-40640-75RB#0

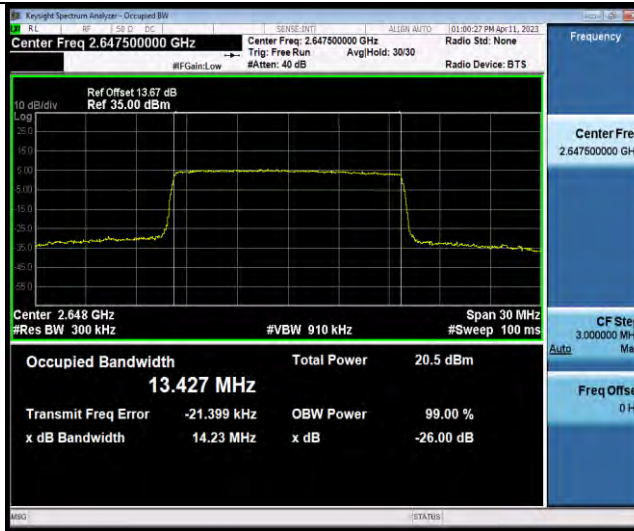


Band41-15MHz-16QAM-41165-75RB#0

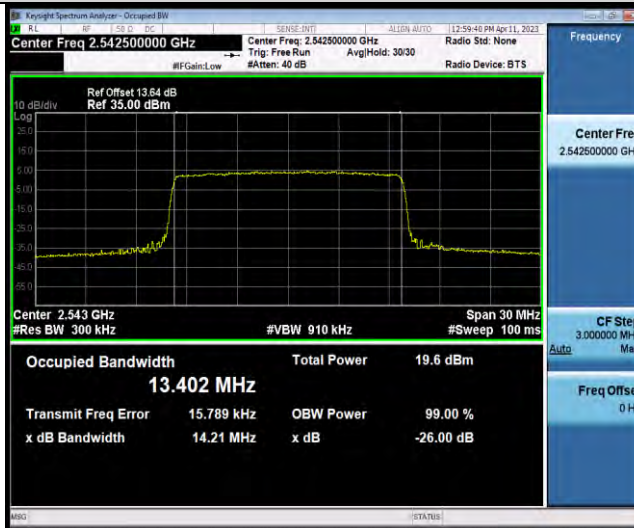


BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-15MHz-64QAM-40115-75RB#0



Band41-15MHz-64QAM-40640-75RB#0

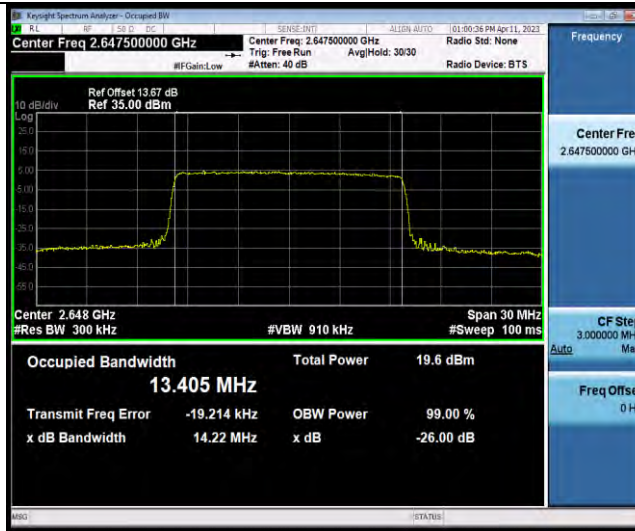


Band41-15MHz-64QAM-41165-75RB#0

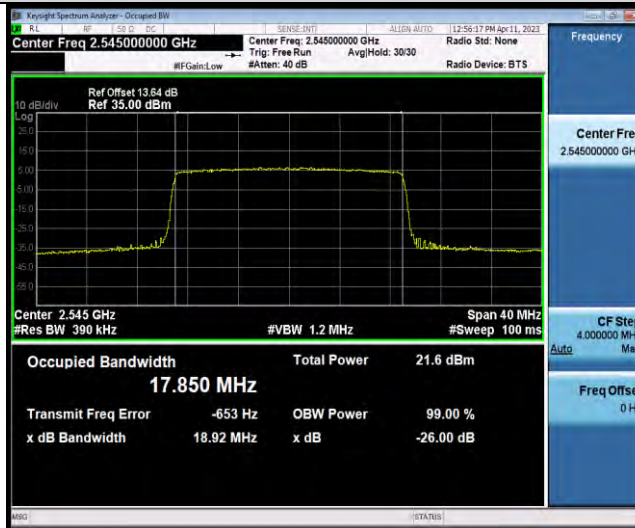


BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-20MHz-QPSK-40140-100RB#0



Band41-20MHz-QPSK-40640-100RB#0

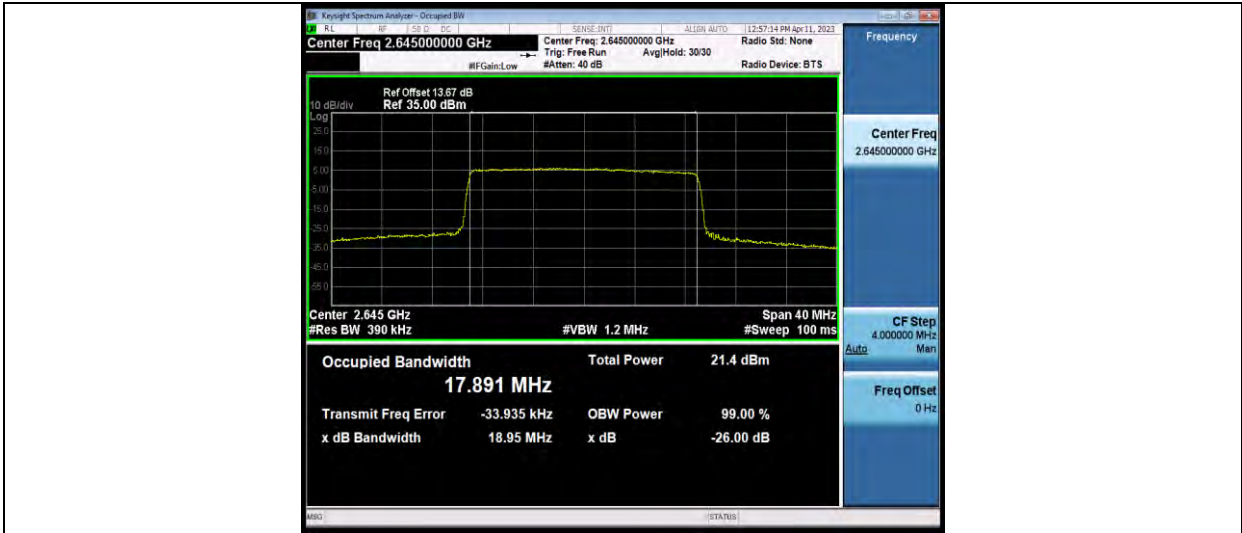


Band41-20MHz-QPSK-41140-100RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-20MHz-16QAM-40140-100RB#0



Band41-20MHz-16QAM-40640-100RB#0



Band41-20MHz-16QAM-41140-100RB#0





BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-20MHz-64QAM-40140-100RB#0



Band41-20MHz-64QAM-40640-100RB#0

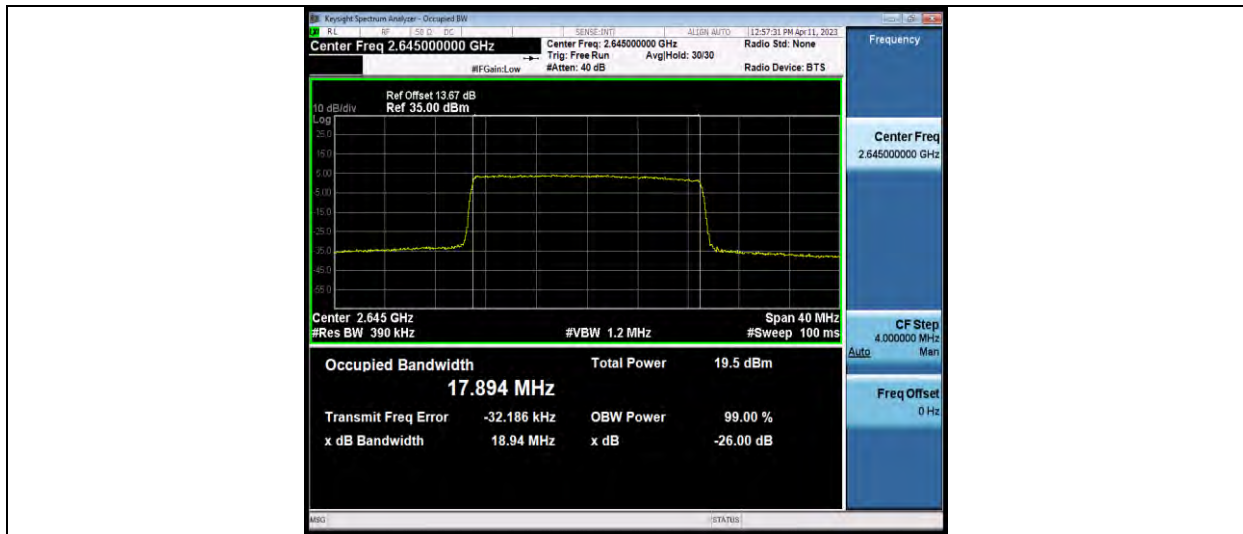


Band41-20MHz-64QAM-41140-100RB#0



BUREAU  
VERITAS

Test Report No.: W7L-P23030025RF07





Test Report No.: W7L-P23030025RF07

## BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	-44.48,-41.78,-29.18,-13.16	PASS
Band41	5MHz	QPSK	40065	25RB#0	-41.26,-39.90,-30.48,-21.85	PASS
Band41	5MHz	QPSK	41215	1RB#24	-16.07,-26.80,-38.55,-41.48	PASS
Band41	5MHz	QPSK	41215	25RB#0	-22.95,-28.54,-37.28,-40.53	PASS
Band41	5MHz	16QAM	40065	1RB#0	-43.74,-41.48,-28.43,-15.56	PASS
Band41	5MHz	16QAM	40065	25RB#0	-42.42,-41.87,-33.96,-26.71	PASS
Band41	5MHz	16QAM	41215	1RB#24	-18.57,-25.60,-39.95,-42.11	PASS
Band41	5MHz	16QAM	41215	25RB#0	-25.91,-31.04,-39.32,-40.81	PASS
Band41	5MHz	64QAM	40065	1RB#0	-43.08,-39.59,-28.66,-15.17	PASS
Band41	5MHz	64QAM	40065	25RB#0	-41.64,-42.32,-32.34,-27.72	PASS
Band41	5MHz	64QAM	41215	1RB#24	-16.85,-28.56,-41.54,-42.21	PASS
Band41	5MHz	64QAM	41215	25RB#0	-28.24,-33.48,-40.76,-41.43	PASS
Band41	10MHz	QPSK	40090	1RB#0	-41.05,-39.94,-26.36,-18.78	PASS
Band41	10MHz	QPSK	40090	50RB#0	-40.68,-36.92,-34.23,-28.88	PASS
Band41	10MHz	QPSK	41190	1RB#49	-17.68,-23.64,-39.94,-40.38	PASS
Band41	10MHz	QPSK	41190	50RB#0	-30.04,-32.61,-35.34,-39.47	PASS
Band41	10MHz	16QAM	40090	1RB#0	-42.17,-40.94,-27.77,-20.49	PASS
Band41	10MHz	16QAM	40090	50RB#0	-41.19,-37.69,-31.91,-28.88	PASS
Band41	10MHz	16QAM	41190	1RB#49	-19.79,-25.56,-40.27,-40.99	PASS
Band41	10MHz	16QAM	41190	50RB#0	-31.78,-34.28,-36.09,-38.30	PASS
Band41	10MHz	64QAM	40090	1RB#0	-42.23,-40.63,-28.11,-22.56	PASS
Band41	10MHz	64QAM	40090	50RB#0	-39.95,-36.18,-34.96,-32.12	PASS
Band41	10MHz	64QAM	41190	1RB#49	-20.86,-26.45,-40.70,-41.62	PASS
Band41	10MHz	64QAM	41190	50RB#0	-28.14,-33.28,-36.89,-39.41	PASS
Band41	15MHz	QPSK	40115	1RB#0	-40.40,-35.37,-26.43,-18.10	PASS
Band41	15MHz	QPSK	40115	75RB#0	-40.27,-34.61,-31.22,-26.12	PASS
Band41	15MHz	QPSK	41165	1RB#74	-17.44,-25.53,-34.58,-39.61	PASS
Band41	15MHz	QPSK	41165	75RB#0	-28.24,-30.24,-30.84,-38.03	PASS
Band41	15MHz	16QAM	40115	1RB#0	-40.75,-36.21,-26.47,-19.34	PASS
Band41	15MHz	16QAM	40115	75RB#0	-40.23,-36.28,-33.22,-32.12	PASS
Band41	15MHz	16QAM	41165	1RB#74	-19.99,-26.13,-35.22,-39.59	PASS
Band41	15MHz	16QAM	41165	75RB#0	-31.59,-33.87,-36.02,-39.13	PASS
Band41	15MHz	64QAM	40115	1RB#0	-40.82,-34.81,-24.57,-17.74	PASS
Band41	15MHz	64QAM	40115	75RB#0	-40.17,-37.58,-34.92,-30.97	PASS
Band41	15MHz	64QAM	41165	1RB#74	-17.48,-24.02,-34.34,-39.21	PASS
Band41	15MHz	64QAM	41165	75RB#0	-31.99,-32.87,-36.87,-38.87	PASS
Band41	20MHz	QPSK	40140	1RB#0	-40.00,-35.54,-26.74,-19.46	PASS
Band41	20MHz	QPSK	40140	100RB#0	-39.81,-35.72,-32.75,-30.10	PASS
Band41	20MHz	QPSK	41140	1RB#99	-22.36,-27.74,-35.35,-39.69	PASS
Band41	20MHz	QPSK	41140	100RB#0	-27.65,-29.92,-32.19,-38.55	PASS
Band41	20MHz	16QAM	40140	1RB#0	-39.95,-35.79,-27.15,-22.07	PASS
Band41	20MHz	16QAM	40140	100RB#0	-39.72,-36.20,-33.71,-33.39	PASS
Band41	20MHz	16QAM	41140	1RB#99	-19.96,-26.42,-35.12,-39.59	PASS
Band41	20MHz	16QAM	41140	100RB#0	-31.22,-32.36,-34.32,-38.62	PASS

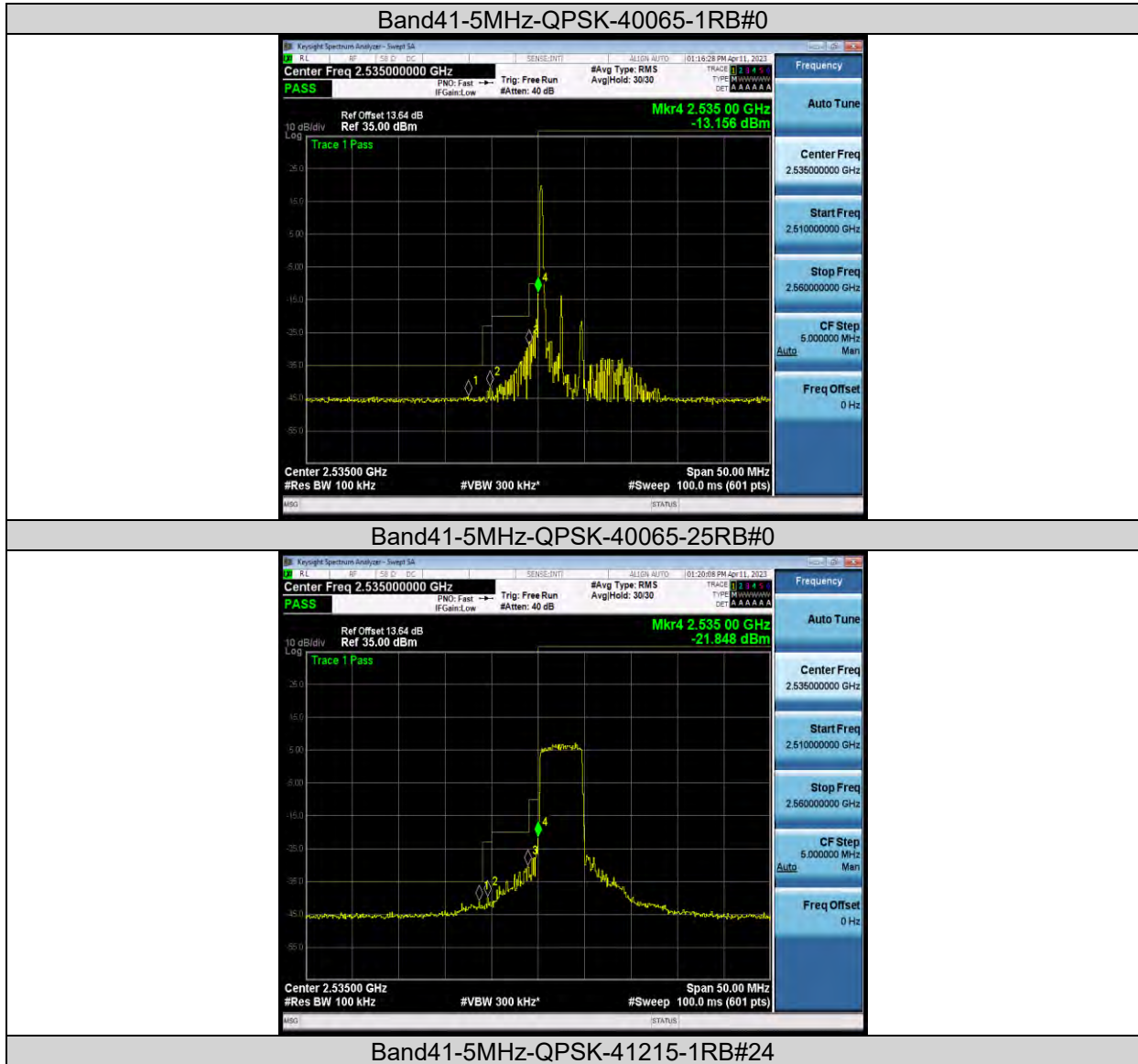


**BUREAU  
VERITAS**

**Test Report No.: W7L-P23030025RF07**

Band41	20MHz	64QAM	40140	1RB#0	-39.76,-36.34,-27.34,-22.88	PASS
Band41	20MHz	64QAM	40140	100RB#0	-39.93,-37.41,-35.23,-33.96	PASS
Band41	20MHz	64QAM	41140	1RB#99	-20.78,-27.08,-35.79,-39.58	PASS
Band41	20MHz	64QAM	41140	100RB#0	-33.47,-34.18,-36.15,-38.86	PASS

### Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-5MHz-QPSK-41215-25RB#0



Band41-5MHz-16QAM-40065-1RB#0

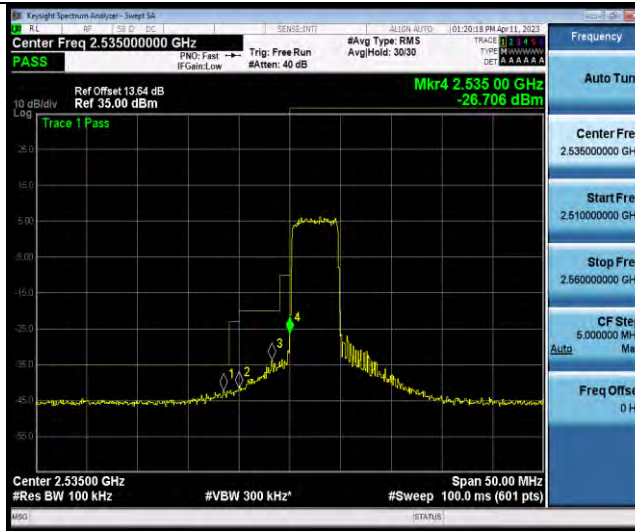


Band41-5MHz-16QAM-40065-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-5MHz-16QAM-41215-1RB#24



Band41-5MHz-16QAM-41215-25RB#0



Band41-5MHz-64QAM-40065-1RB#0

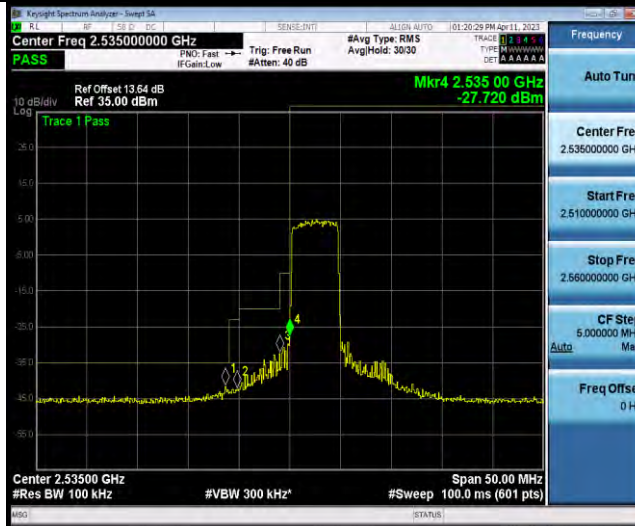


BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-5MHz-64QAM-40065-25RB#0



Band41-5MHz-64QAM-41215-1RB#24



Band41-5MHz-64QAM-41215-25RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-10MHz-QPSK-40090-1RB#0



Band41-10MHz-QPSK-40090-50RB#0



Band41-10MHz-QPSK-41190-1RB#49





BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-10MHz-QPSK-41190-50RB#0



Band41-10MHz-16QAM-40090-1RB#0



Band41-10MHz-16QAM-40090-50RB#0



BUREAU VERITAS

# Test Report No.: W7L-P23030025RF07



Band41-10MHz-16QAM-41190-1RB#49



Band41-10MHz-16QAM-41190-50RB#0



Band41-10MHz-64QAM-40090-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-10MHz-64QAM-40090-50RB#0



Band41-10MHz-64QAM-41190-1RB#49



Band41-10MHz-64QAM-41190-50RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-15MHz-QPSK-40115-1RB#0



Band41-15MHz-QPSK-40115-75RB#0



Band41-15MHz-QPSK-41165-1RB#74



BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-15MHz-QPSK-41165-75RB#0



Band41-15MHz-16QAM-40115-1RB#0



Band41-15MHz-16QAM-40115-75RB#0

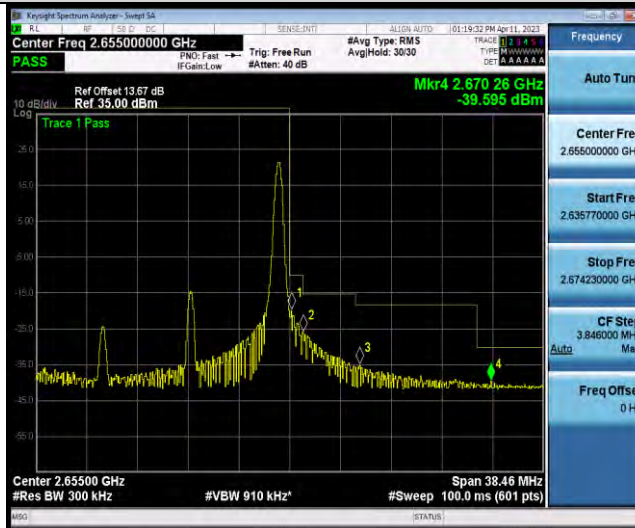


BUREAU VERITAS

# Test Report No.: W7L-P23030025RF07



Band41-15MHz-16QAM-41165-1RB#74



Band41-15MHz-16QAM-41165-75RB#0



Band41-15MHz-64QAM-40115-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-15MHz-64QAM-40115-75RB#0



Band41-15MHz-64QAM-41165-1RB#74



Band41-15MHz-64QAM-41165-75RB#0

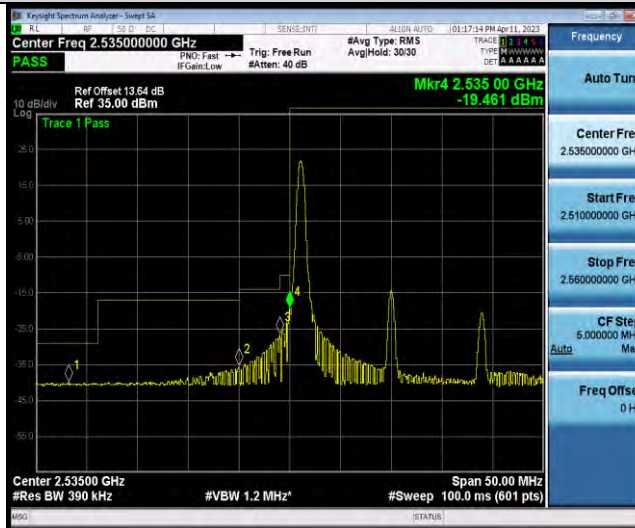


BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-20MHz-QPSK-40140-1RB#0



Band41-20MHz-QPSK-40140-100RB#0



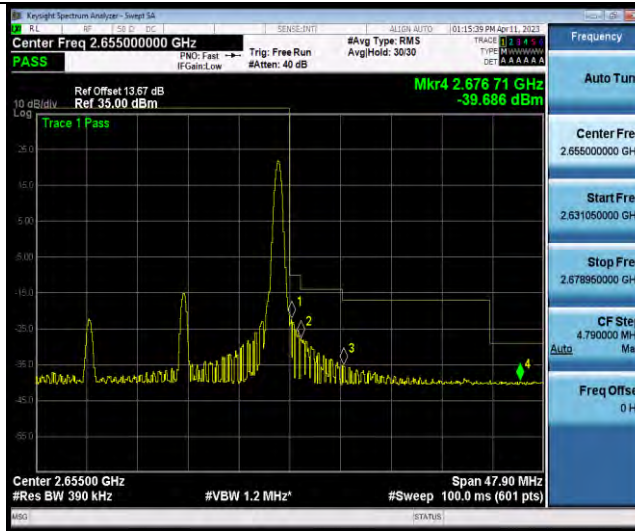
Band41-20MHz-QPSK-41140-1RB#99





BUREAU VERITAS

### Test Report No.: W7L-P23030025RF07



Band41-20MHz-QPSK-41140-100RB#0



Band41-20MHz-16QAM-40140-1RB#0



Band41-20MHz-16QAM-40140-100RB#0

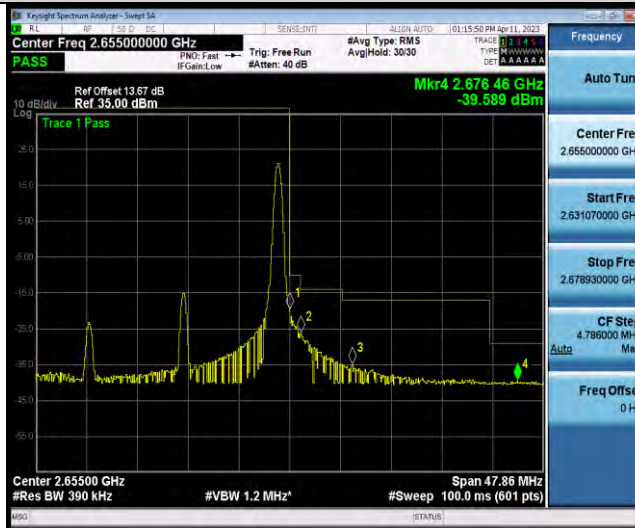


BUREAU VERITAS

# Test Report No.: W7L-P23030025RF07



Band41-20MHz-16QAM-41140-1RB#99



Band41-20MHz-16QAM-41140-100RB#0



Band41-20MHz-64QAM-40140-1RB#0



BUREAU VERITAS

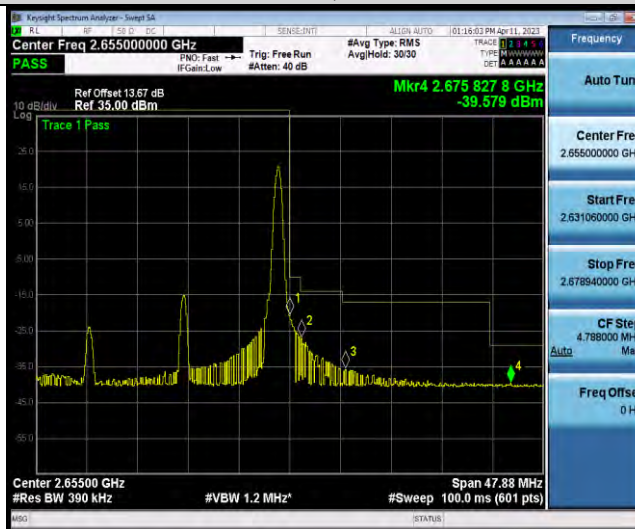
### Test Report No.: W7L-P23030025RF07



Band41-20MHz-64QAM-40140-100RB#0



Band41-20MHz-64QAM-41140-1RB#99



Band41-20MHz-64QAM-41140-100RB#0



BUREAU  
VERITAS

Test Report No.: W7L-P23030025RF07





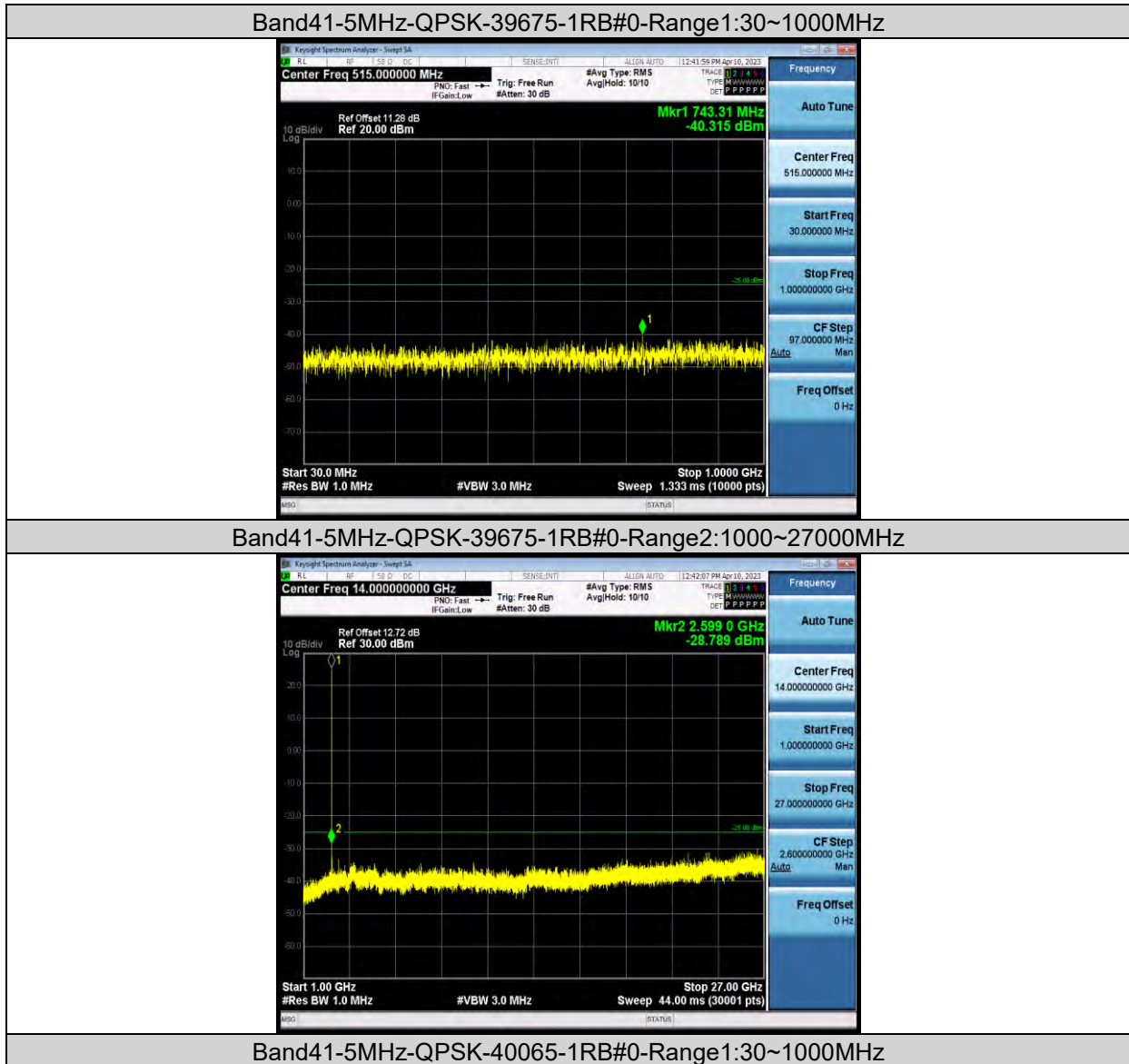
Test Report No.: W7L-P23030025RF07

## 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	-40.32	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-28.79	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range1:30~1000MHz	-40.54	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range2:1000~27000MHz	-30.9	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-40.28	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.47	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-41.13	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-30.83	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-40.9	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~27000MHz	-29.2	PASS
Band41	10MHz	QPSK	40090	1RB#0	Range1:30~1000MHz	-41.14	PASS
Band41	10MHz	QPSK	40090	1RB#0	Range2:1000~27000MHz	-31.15	PASS
Band41	10MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-39.67	PASS
Band41	10MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-30.77	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range1:30~1000MHz	-41.38	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range2:1000~27000MHz	-30.18	PASS
Band41	15MHz	QPSK	40115	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band41	15MHz	QPSK	40115	1RB#0	Range2:1000~27000MHz	-30.45	PASS
Band41	15MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-40.7	PASS
Band41	15MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-30.36	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range1:30~1000MHz	-40.62	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range2:1000~27000MHz	-29.31	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~27000MHz	-30.12	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-41.04	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-31.01	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-41.81	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~27000MHz	-30.2	PASS

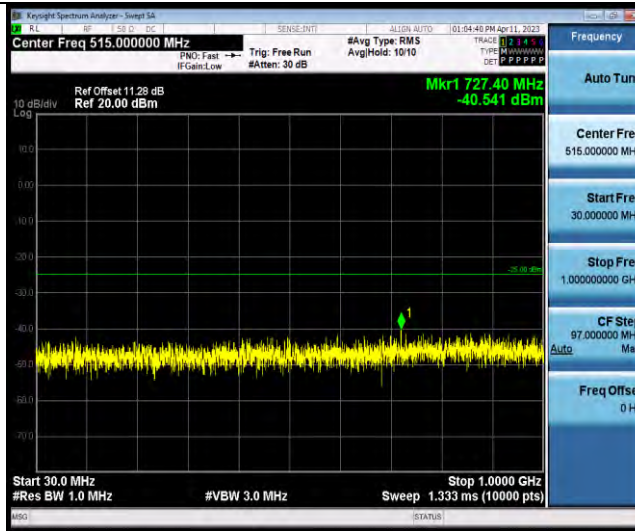
### Test Graphs



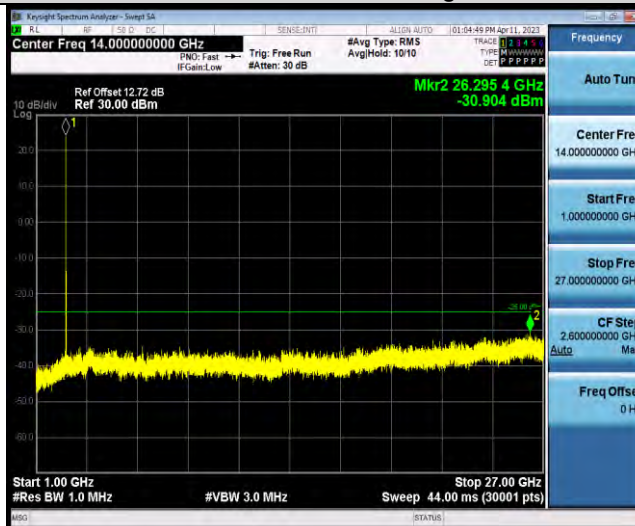


BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-5MHz-QPSK-40065-1RB#0-Range2:1000~27000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

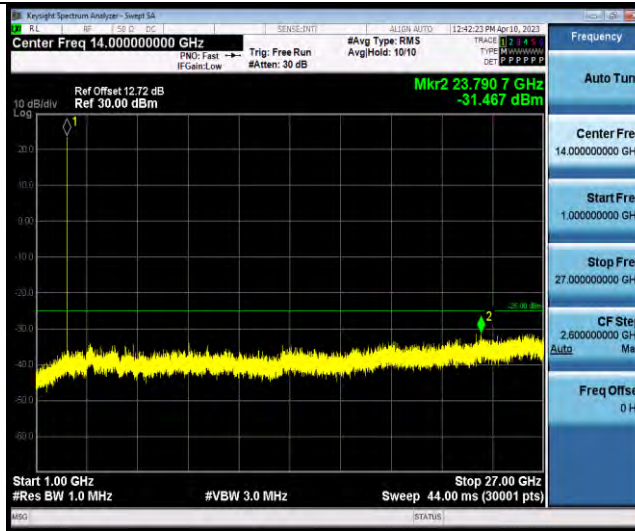


Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz

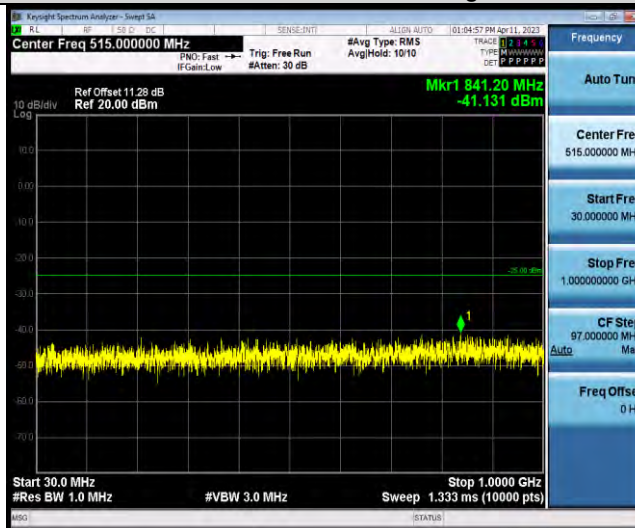


BUREAU VERITAS

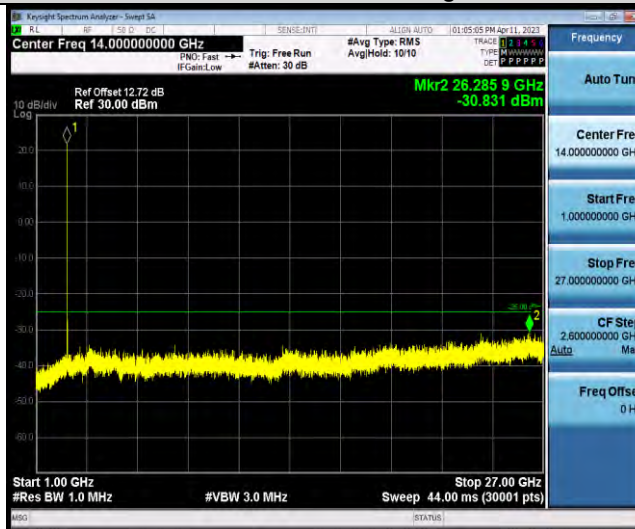
Test Report No.: W7L-P23030025RF07



Band41-5MHz-QPSK-40640-1RB#0-Range 1:30~1000MHz



Band41-5MHz-QPSK-40640-1RB#0-Range 2:1000~27000MHz



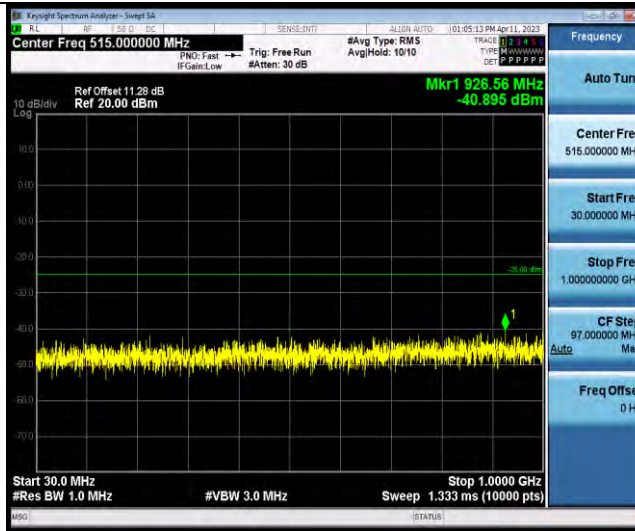
Band41-5MHz-QPSK-41215-1RB#0-Range 1:30~1000MHz



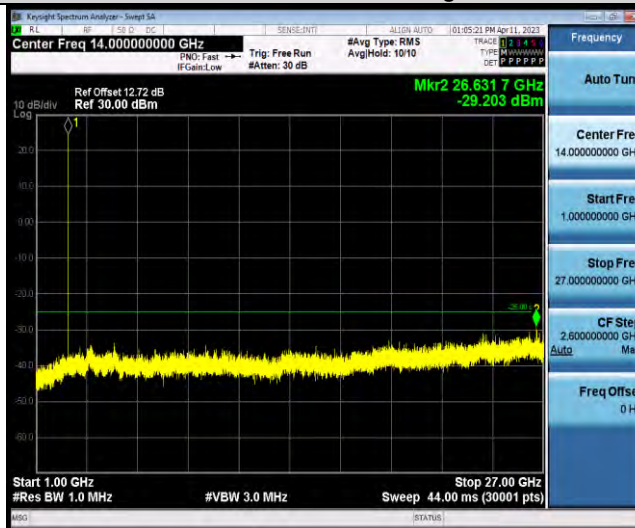


BUREAU VERITAS

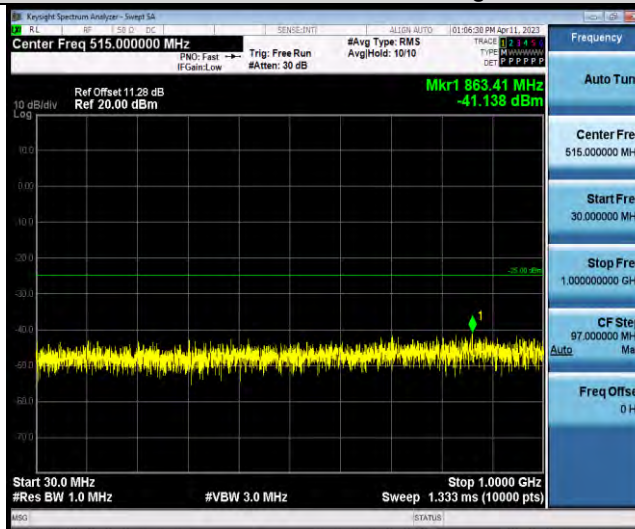
Test Report No.: W7L-P23030025RF07



Band41-5MHz-QPSK-41215-1RB#0-Range2:1000~27000MHz



Band41-10MHz-QPSK-40090-1RB#0-Range1:30~1000MHz

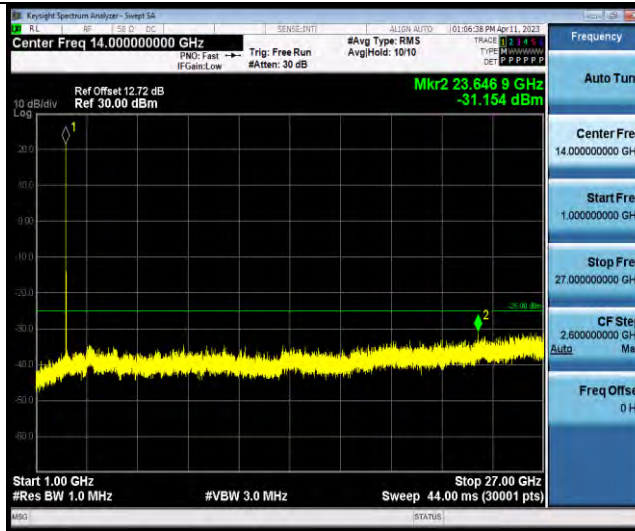


Band41-10MHz-QPSK-40090-1RB#0-Range2:1000~27000MHz

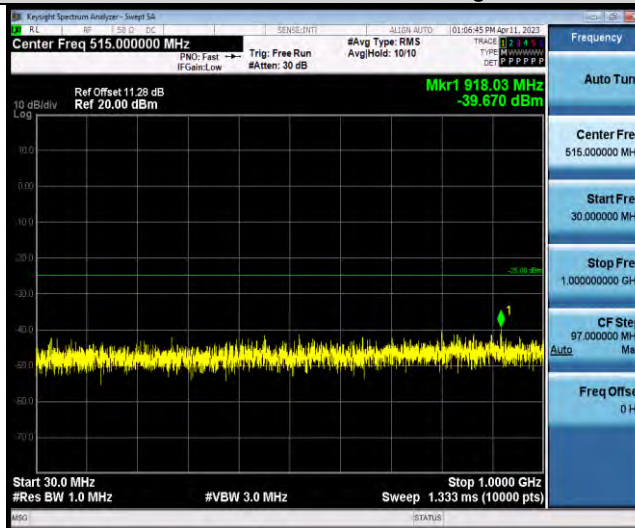


BUREAU VERITAS

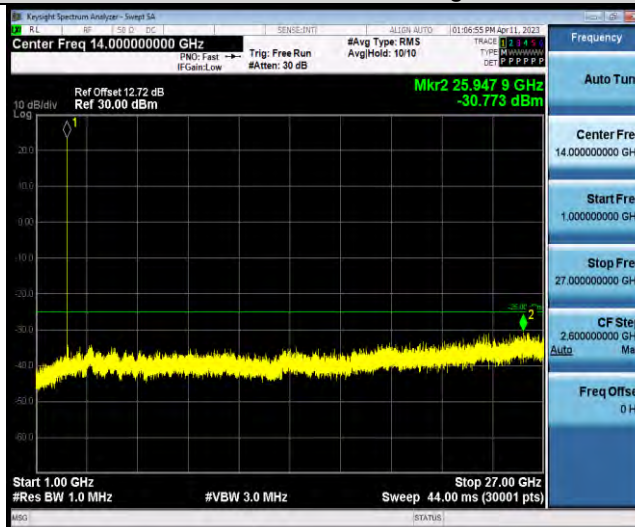
Test Report No.: W7L-P23030025RF07



Band41-10MHz-QPSK-40640-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-40640-1RB#0-Range2:1000~27000MHz

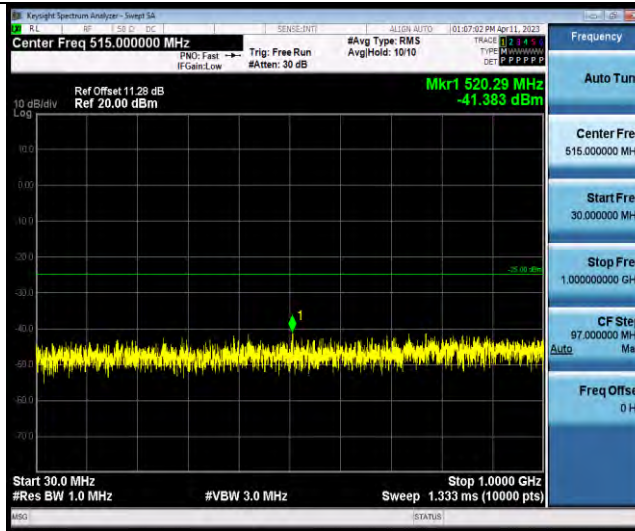


Band41-10MHz-QPSK-41190-1RB#0-Range1:30~1000MHz

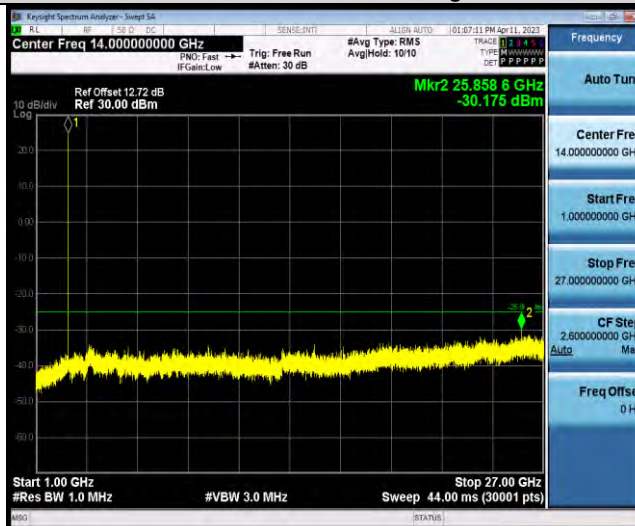


BUREAU VERITAS

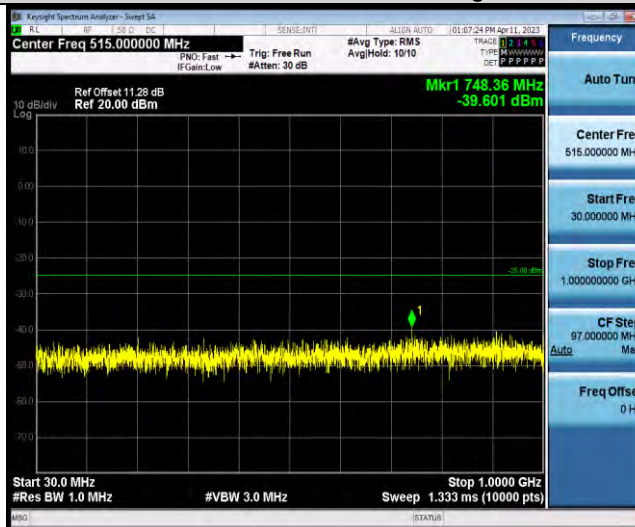
Test Report No.: W7L-P23030025RF07



Band41-10MHz-QPSK-41190-1RB#0-Range2:1000~27000MHz



Band41-15MHz-QPSK-40115-1RB#0-Range1:30~1000MHz

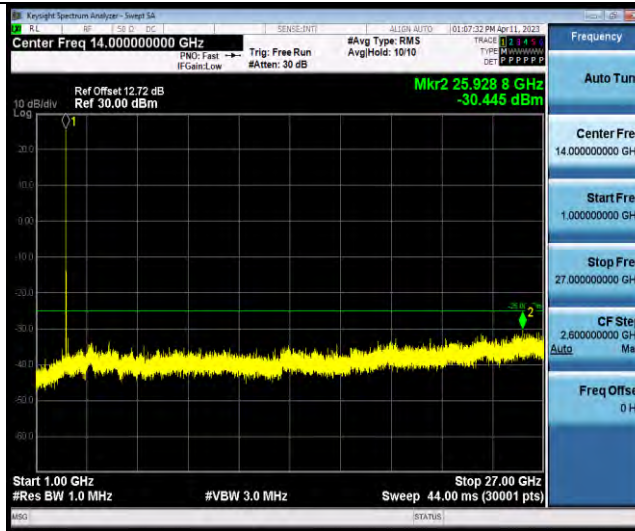


Band41-15MHz-QPSK-40115-1RB#0-Range2:1000~27000MHz

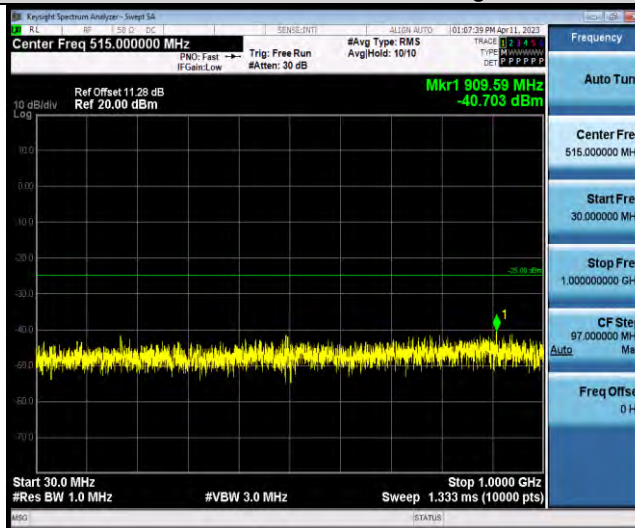


BUREAU VERITAS

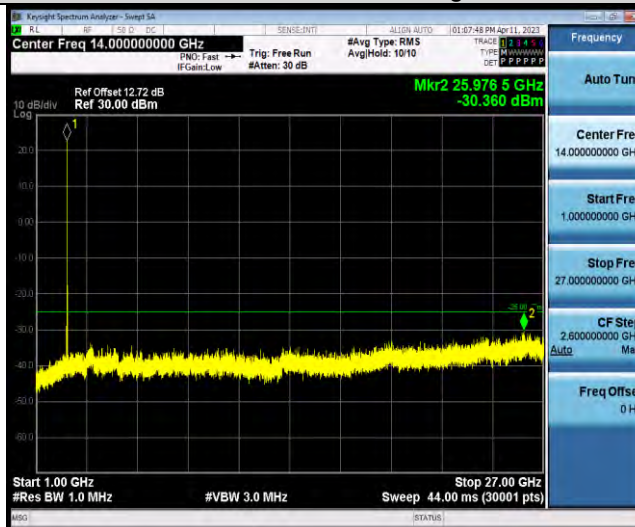
Test Report No.: W7L-P23030025RF07



Band41-15MHz-QPSK-40640-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-40640-1RB#0-Range2:1000~27000MHz

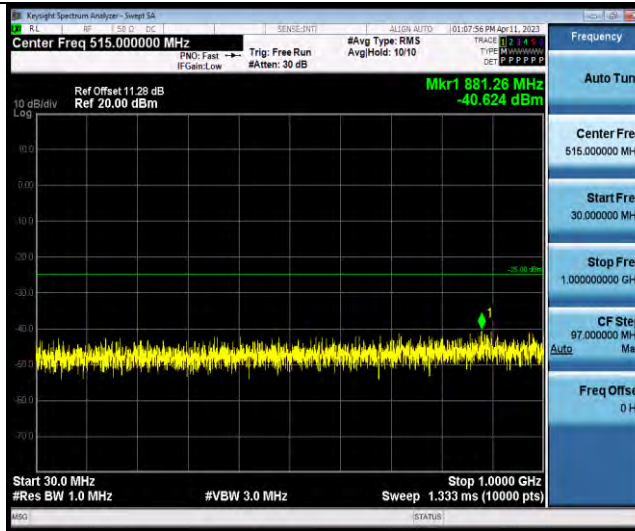


Band41-15MHz-QPSK-41165-1RB#0-Range1:30~1000MHz

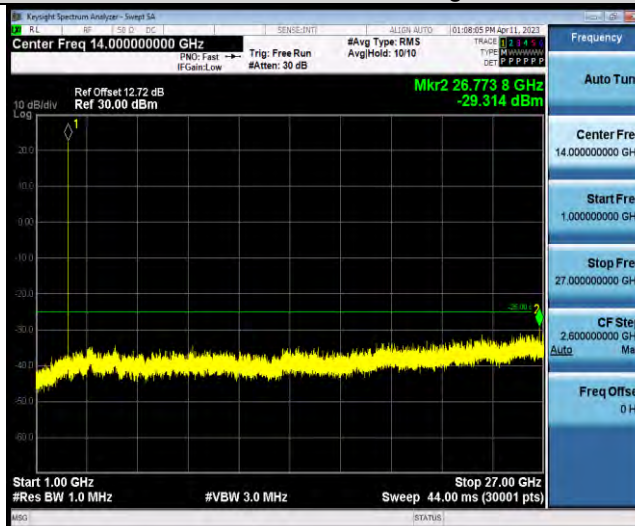


BUREAU VERITAS

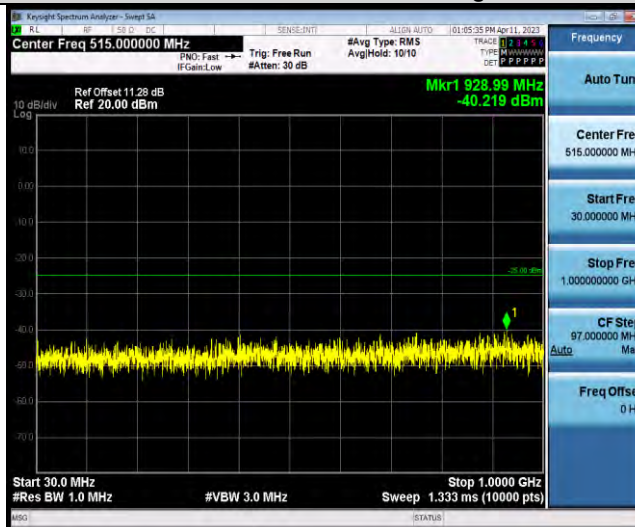
Test Report No.: W7L-P23030025RF07



Band41-15MHz-QPSK-41165-1RB#0-Range2:1000~27000MHz



Band41-20MHz-QPSK-40140-1RB#0-Range1:30~1000MHz

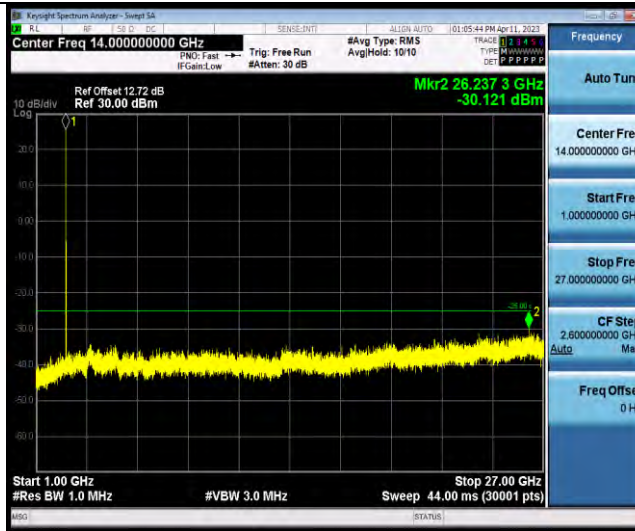


Band41-20MHz-QPSK-40140-1RB#0-Range2:1000~27000MHz

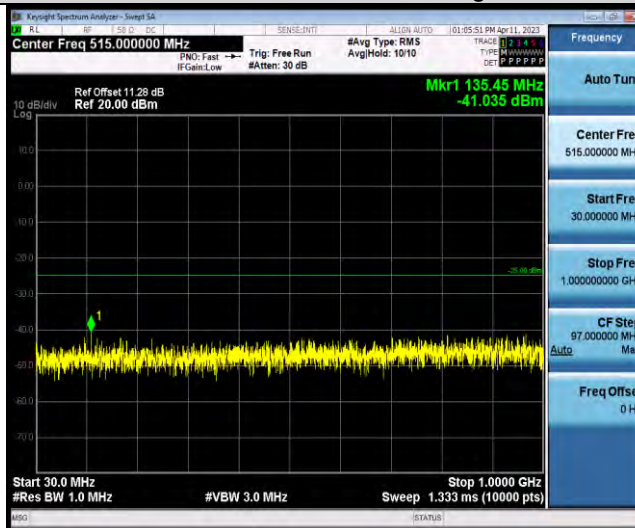


BUREAU VERITAS

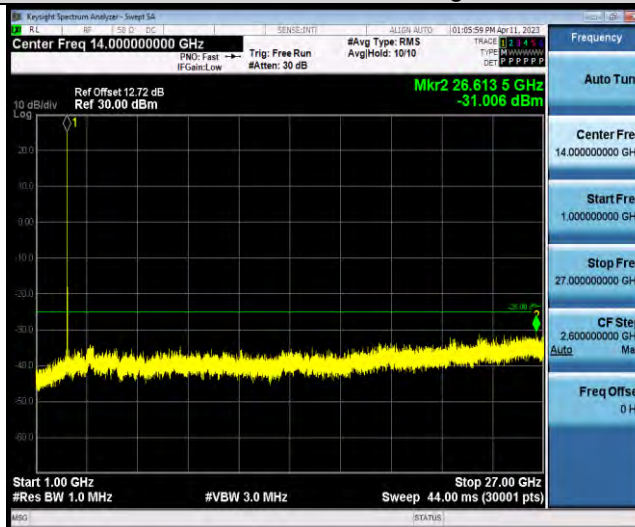
Test Report No.: W7L-P23030025RF07



Band41-20MHz-QPSK-40640-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40640-1RB#0-Range2:1000~27000MHz

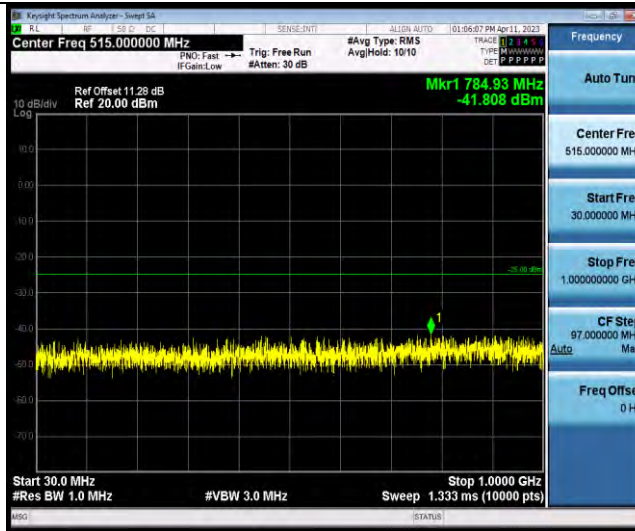


Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz

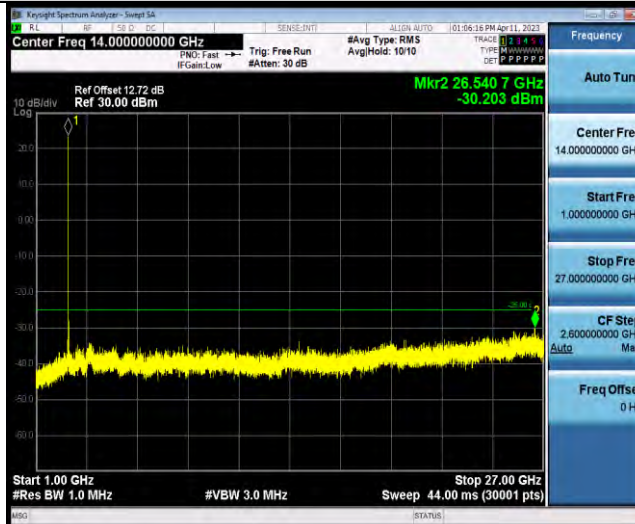


BUREAU VERITAS

Test Report No.: W7L-P23030025RF07



Band41-20MHz-QPSK-41140-1RB#0-Range2: 1000~27000MHz





Test Report No.: W7L-P23030025RF07

## 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	40140	100RB#0	LV	NT	-2.59	-0.001018	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	NT	5.48	0.002153	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	HV	NT	4.11	0.001615	±2.5	PASS
Band4_1	20MHz	QPSK	40640	100RB#0	LV	NT	-5.94	-0.002289	±2.5	PASS
Band4_1	20MHz	QPSK	40640	100RB#0	NV	NT	3.83	0.001476	±2.5	PASS
Band4_1	20MHz	QPSK	40640	100RB#0	HV	NT	-7.95	-0.003064	±2.5	PASS
Band4_1	20MHz	QPSK	41140	100RB#0	LV	NT	9.20	0.003478	±2.5	PASS
Band4_1	20MHz	QPSK	41140	100RB#0	NV	NT	5.99	0.002265	±2.5	PASS
Band4_1	20MHz	QPSK	41140	100RB#0	HV	NT	10.39	0.003928	±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	40140	100RB#0	NV	-30	-5.68	-0.002232	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	-20	5.85	0.002299	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	-10	5.35	0.002102	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	0	4.62	0.001815	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	10	6.91	0.002715	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	20	7.94	0.003120	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	30	4.01	0.001576	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	40	5.42	0.002130	±2.5	PASS
Band4_1	20MHz	QPSK	40140	100RB#0	NV	50	6.47	0.002542	±2.5	PASS
Band4	20MHz	QPSK	40640	100RB#0	NV	-30	-9.96	-0.003838	±2.5	PASS





**BUREAU  
VERITAS**

**Test Report No.: W7L-P23030025RF07**

1										
Band4 1	20MHz	QPSK	40640	100RB#0	NV	-20	-7.20	-0.002775	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	-10	2.88	0.001110	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	0	-11.00	-0.004239	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	10	-11.04	-0.004254	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	20	-4.95	-0.001908	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	30	-5.92	-0.002281	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	40	-11.76	-0.004532	±2.5	PASS
Band4 1	20MHz	QPSK	40640	100RB#0	NV	50	-6.31	-0.002432	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	-30	8.41	0.003180	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	-20	10.69	0.004042	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	-10	9.26	0.003501	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	0	6.95	0.002628	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	10	8.70	0.003289	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	20	8.38	0.003168	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	30	5.76	0.002178	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	40	9.06	0.003425	±2.5	PASS
Band4 1	20MHz	QPSK	41140	100RB#0	NV	50	6.97	0.002635	±2.5	PASS

Note: LV = Low voltage(3.4V); NV = Normal voltage(4V); HV = High voltage(4.35V);NT = Normal temperature (25 °C).

### MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$fL -  \text{MAX}(\Delta f) $	2536.075000	$\geq 2535$	PASS
$fH +  \text{MAX}(\Delta f) $	2653.945500	$\leq 2655$	

Note : 1.  $|\text{MAX}(\Delta f)|$  = Max Deviation

2.  $fL$  = Occ low channel  $fL(-13\text{dBm/MHz})$

3.  $fH$  = Occ High channel  $fH(-13\text{dBm/MHz})$

4.  $|\text{MAX}(\Delta f)|$  = 11.76Hz.



Test Report No.: W7L-P23030025RF07

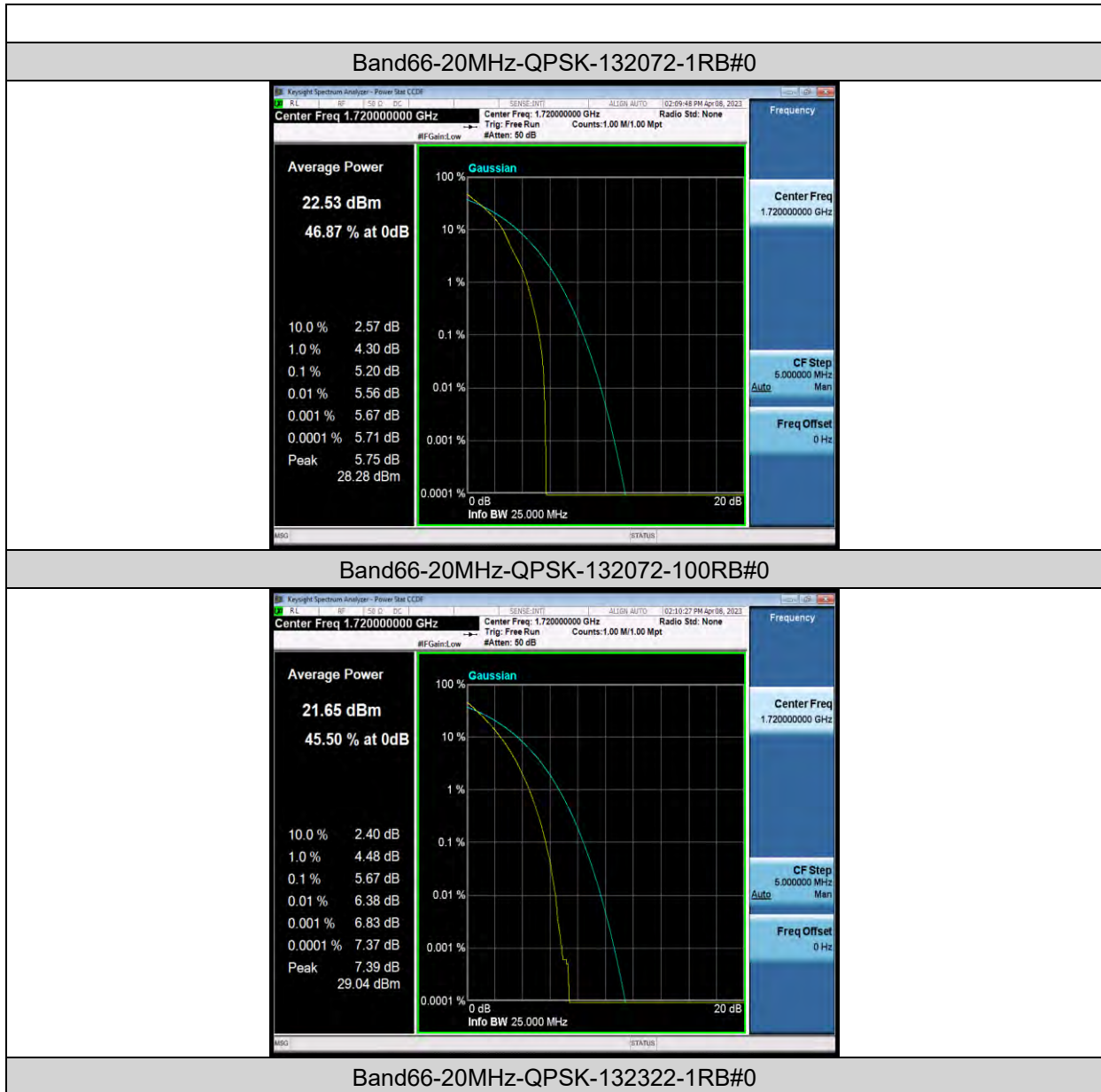
## LTE BAND66 (INCLUDING LTE BAND4)

### PEAK-TO-AVERAGE RATIO(CCDF)

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	5.20	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.67	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.80	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.69	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	5.73	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.46	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	6.22	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.44	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.87	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.54	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	6.39	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.27	13	PASS
Band66	20MHz	64QAM	132072	1RB#0	6.25	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.74	13	PASS
Band66	20MHz	64QAM	132322	1RB#0	5.01	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.01	13	PASS
Band66	20MHz	64QAM	132572	1RB#0	6.65	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.62	13	PASS

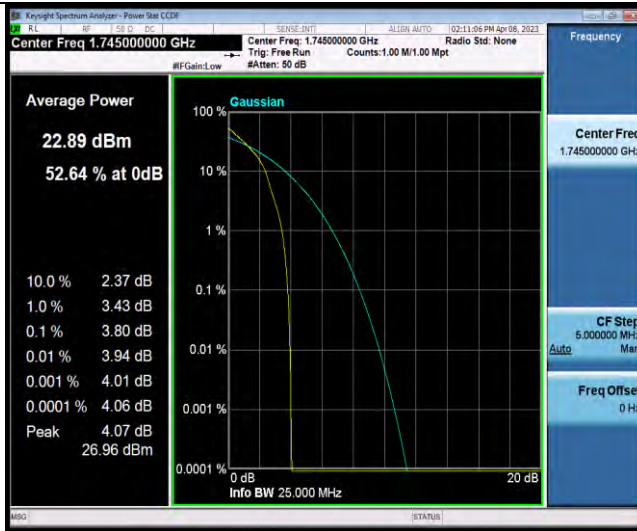
## Test Graphs



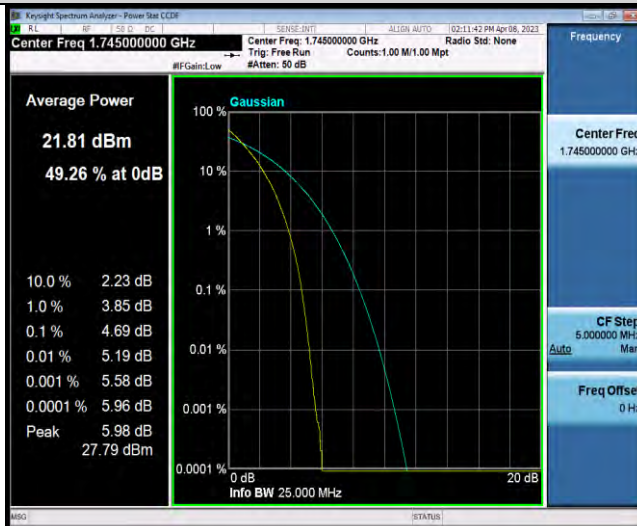


BUREAU VERITAS

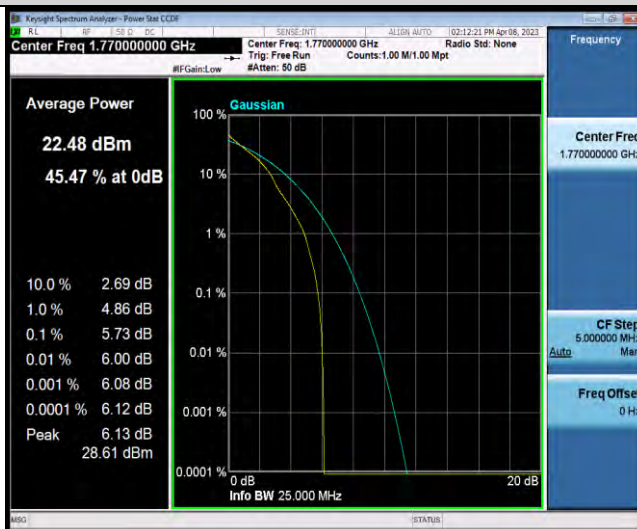
Test Report No.: W7L-P23030025RF07



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



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

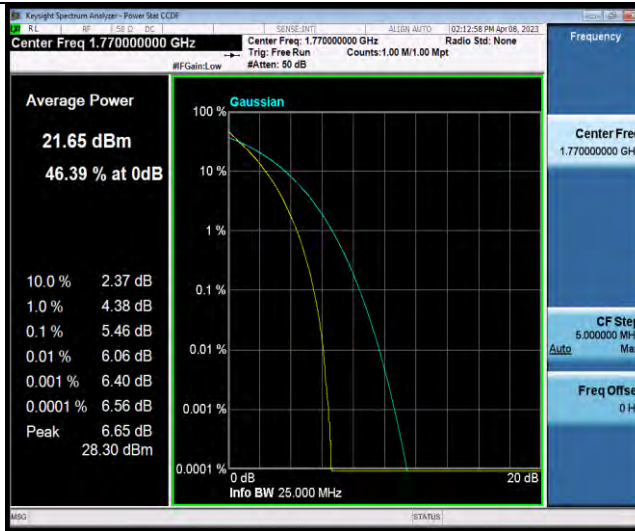


Band66-20MHz-QPSK-132572-100RB#0

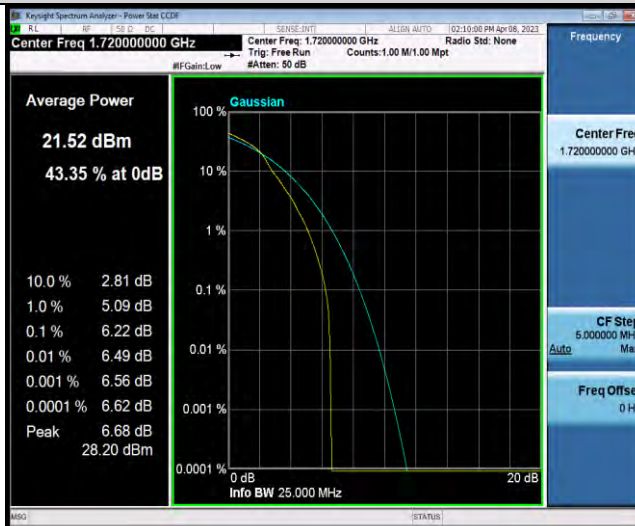


BUREAU  
VERITAS

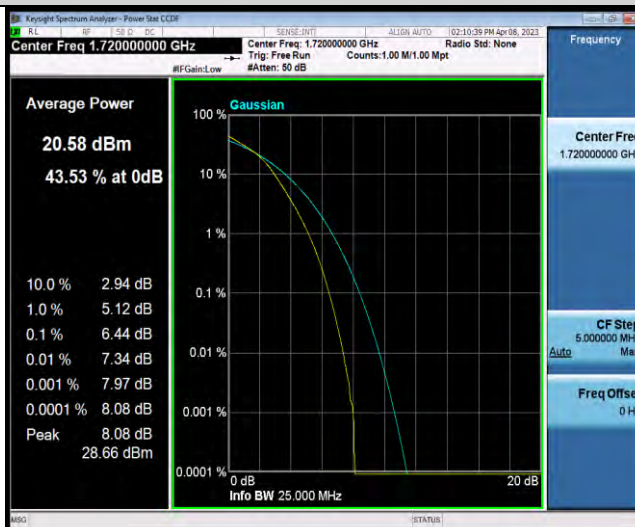
### Test Report No.: W7L-P23030025RF07



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



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

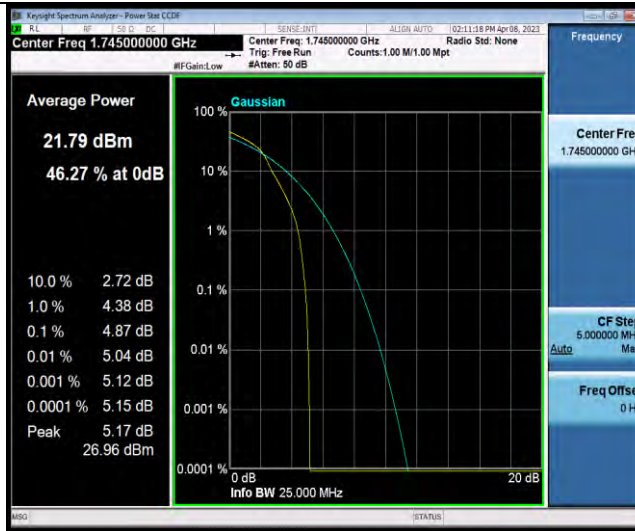


Band66-20MHz-16QAM-132322-1RB#0

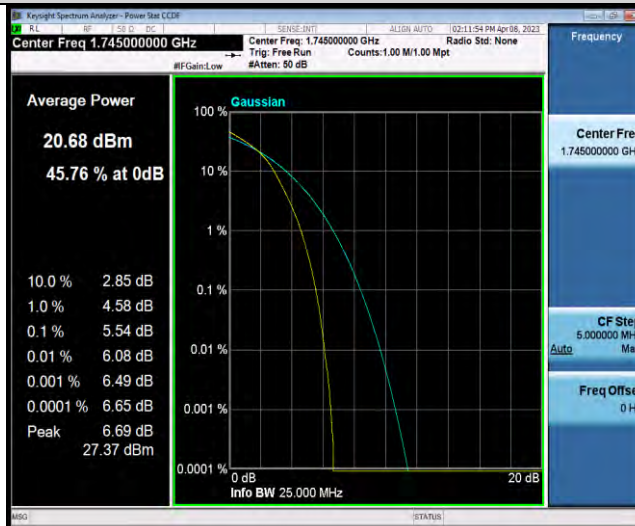


BUREAU VERITAS

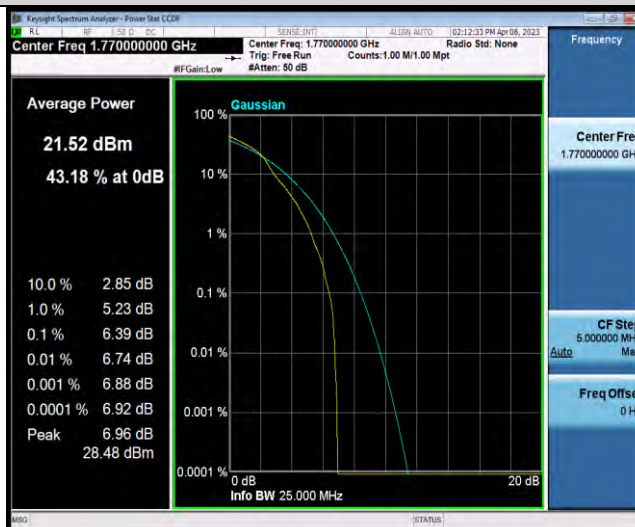
Test Report No.: W7L-P23030025RF07



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



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

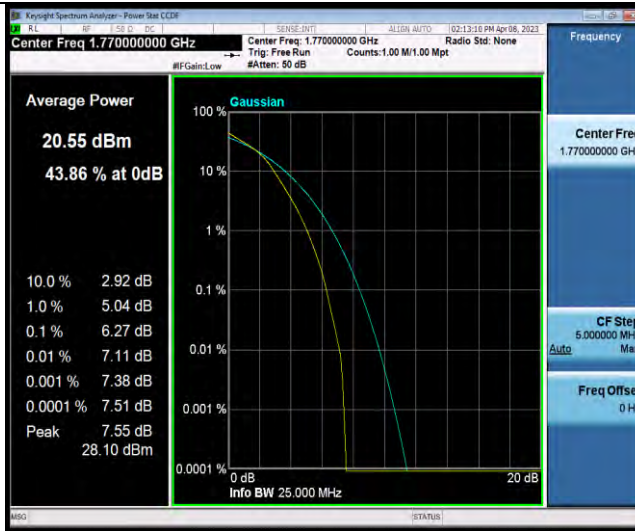


Band66-20MHz-16QAM-132572-100RB#0

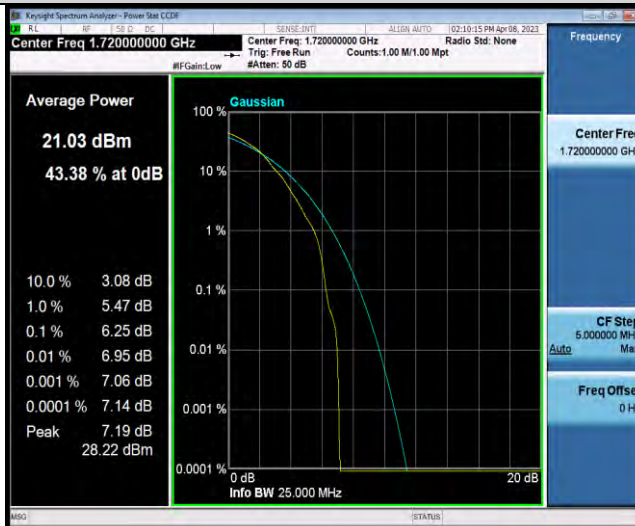


BUREAU VERITAS

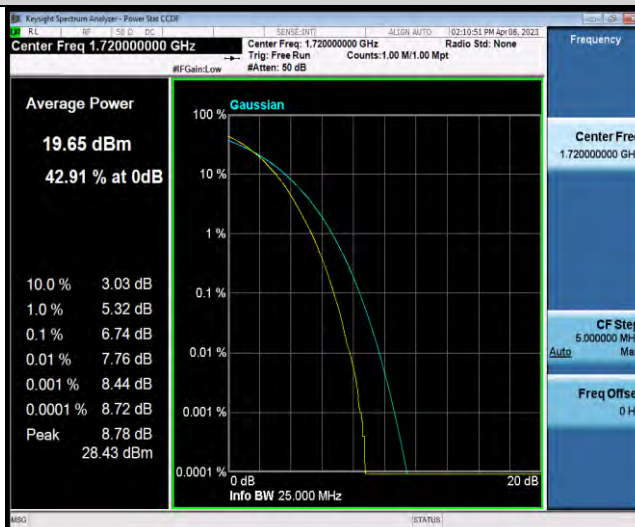
### Test Report No.: W7L-P23030025RF07



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



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

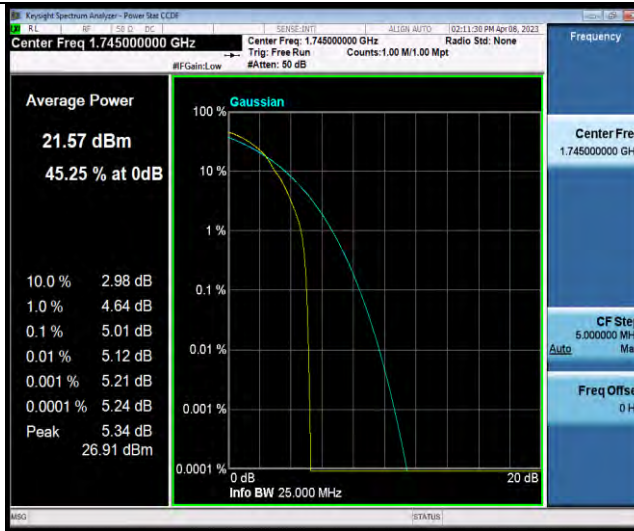


Band66-20MHz-64QAM-132322-1RB#0

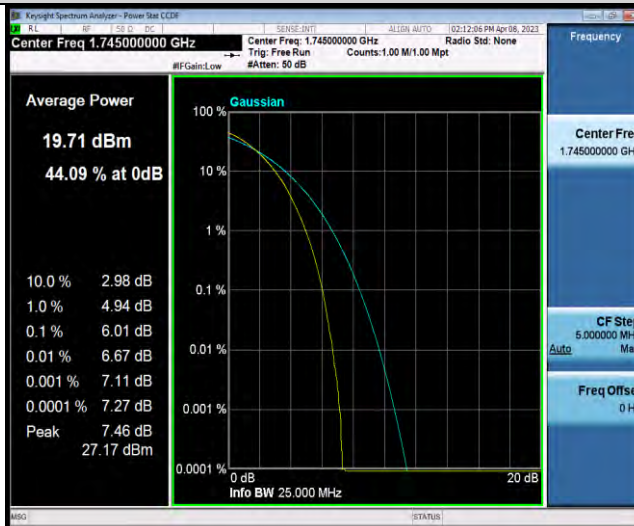


BUREAU VERITAS

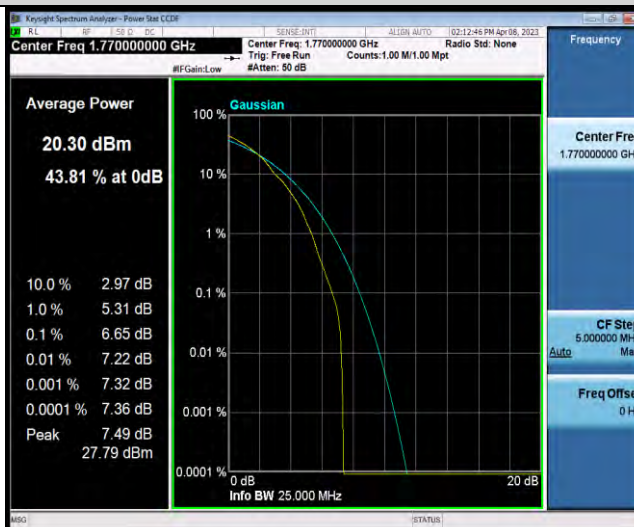
Test Report No.: W7L-P23030025RF07



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



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



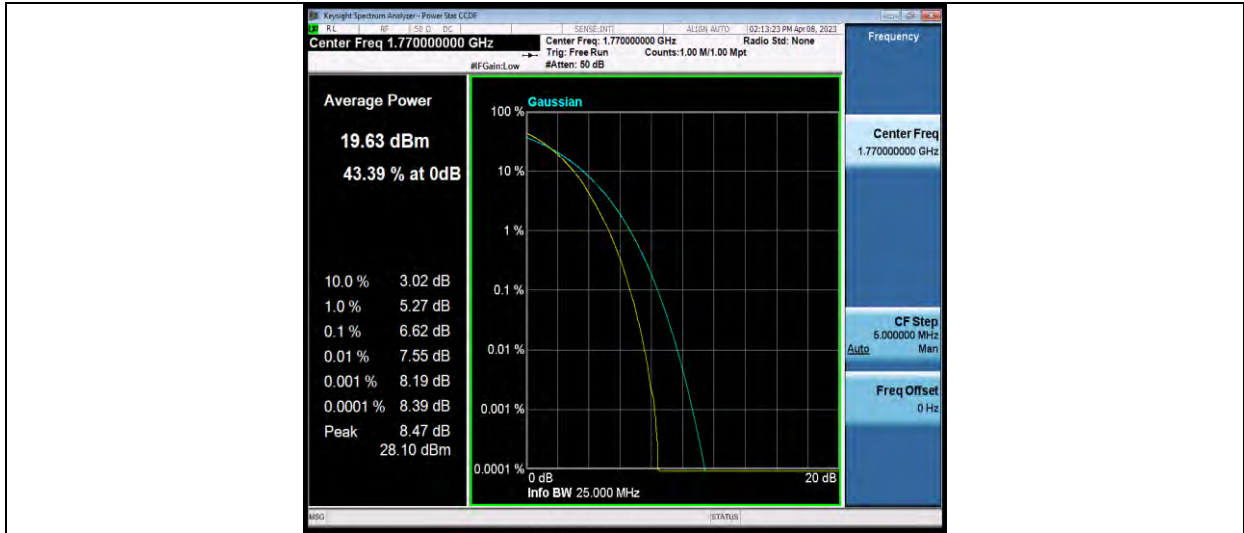
Band66-20MHz-64QAM-132572-100RB#0





BUREAU VERITAS

Test Report No.: W7L-P23030025RF07





Test Report No.: W7L-P23030025RF07

## 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	1.0931	1.258	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0929	1.294	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0915	1.270	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0905	1.262	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0921	1.290	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0893	1.254	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.0880	1.255	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.0891	1.258	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.0889	1.273	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6962	2.915	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7013	2.956	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6995	2.925	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6932	2.917	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6949	2.927	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6957	2.925	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.6934	2.907	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.7015	2.934	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.6897	2.903	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4860	4.829	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4964	4.861	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4888	4.840	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4927	4.814	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5034	4.854	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4958	4.818	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.4881	4.840	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.4893	4.880	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.4917	4.852	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9660	9.560	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9676	9.568	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9576	9.539	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9526	9.555	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9623	9.526	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9532	9.535	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.9480	9.516	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.9572	9.524	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.9678	9.565	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.430	14.27	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.419	14.27	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.421	14.25	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.428	14.23	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.412	14.25	PASS



BUREAU  
VERITAS

Test Report No.: W7L-P23030025RF07

Band66	15MHz	16QAM	132597	75RB#0	13.424	14.27	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.406	14.23	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.409	14.24	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.425	14.25	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.926	18.98	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.875	18.96	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.933	18.96	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.914	18.95	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.882	18.94	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.925	18.96	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.912	18.94	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.862	18.93	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.923	18.95	PASS



Test Report No.: W7L-P23030025RF07

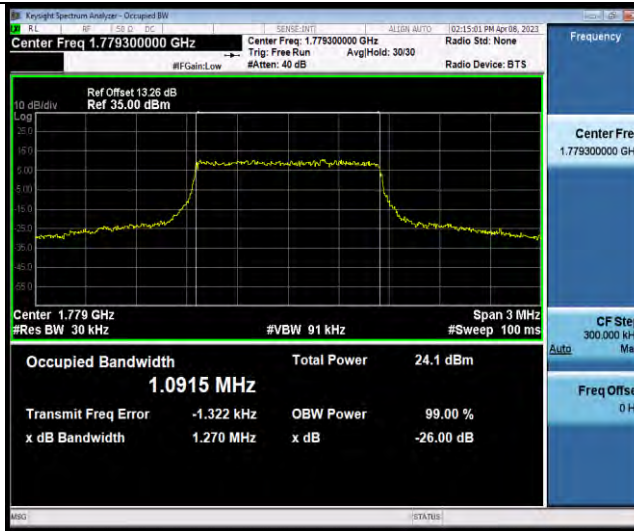
### Test Graphs



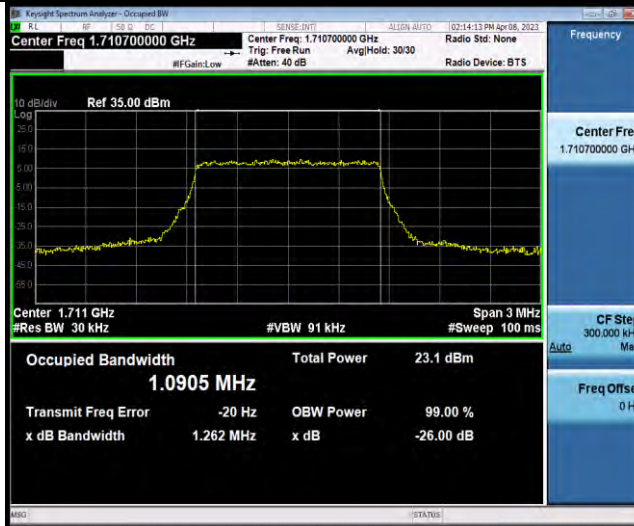


BUREAU VERITAS

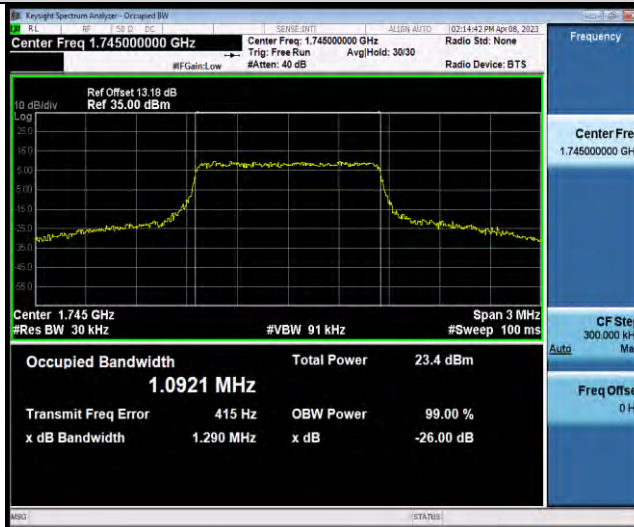
Test Report No.: W7L-P23030025RF07



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



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

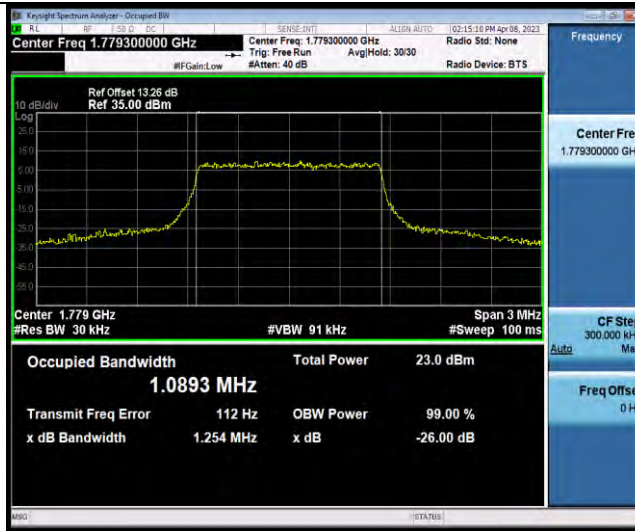


Band66-1.4MHz-16QAM-132665-6RB#0

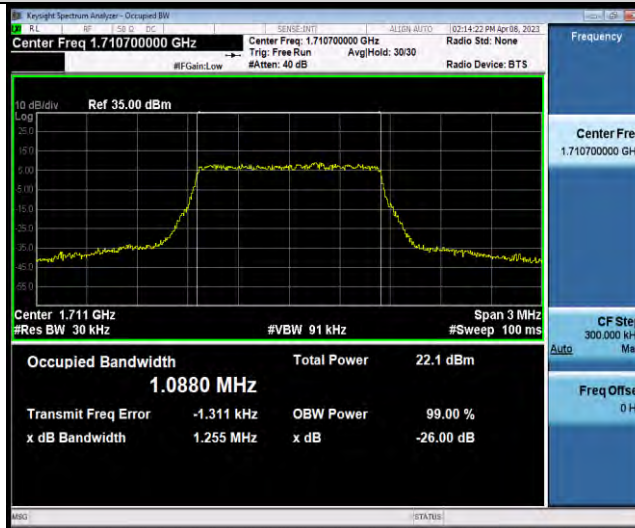


BUREAU VERITAS

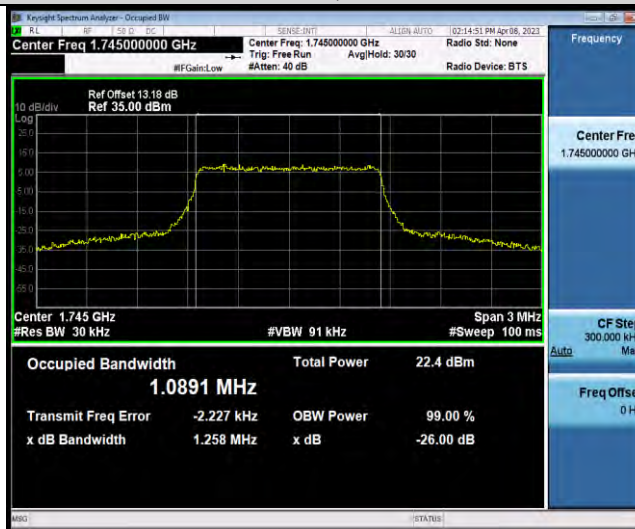
Test Report No.: W7L-P23030025RF07



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



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

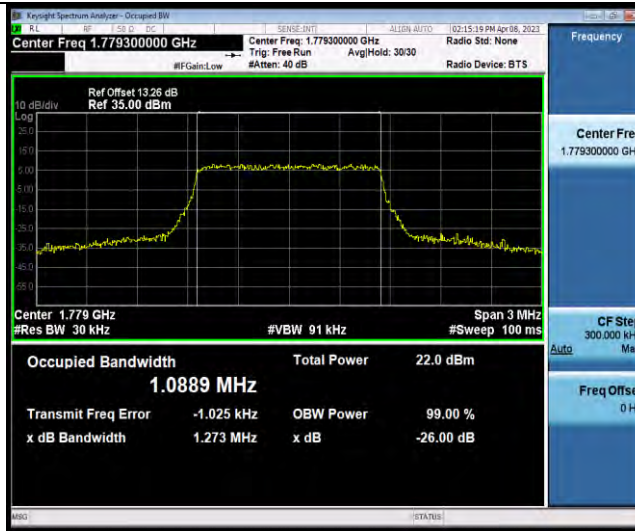


Band66-1.4MHz-64QAM-132665-6RB#0

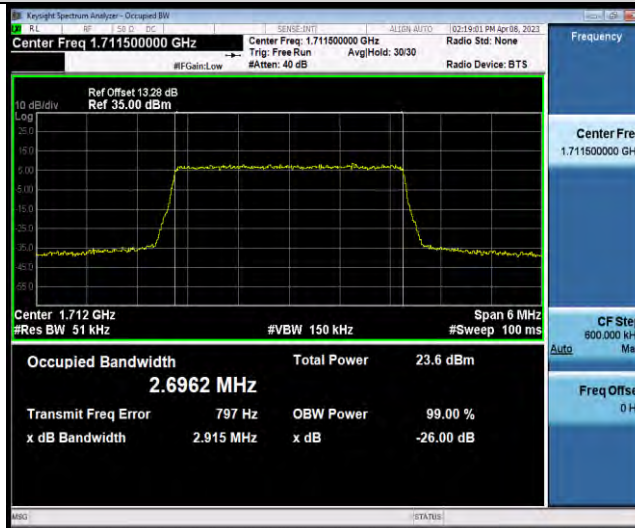


BUREAU VERITAS

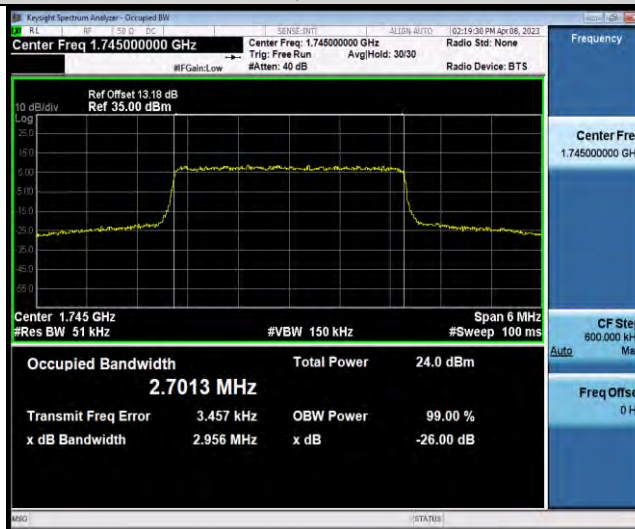
Test Report No.: W7L-P23030025RF07



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



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



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