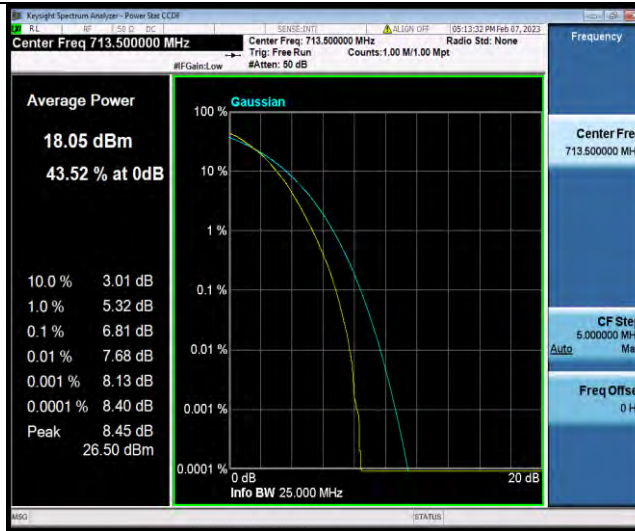


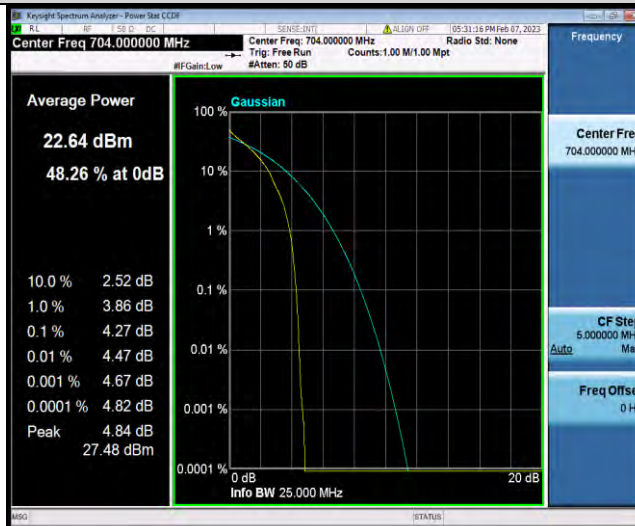


BUREAU  
VERITAS

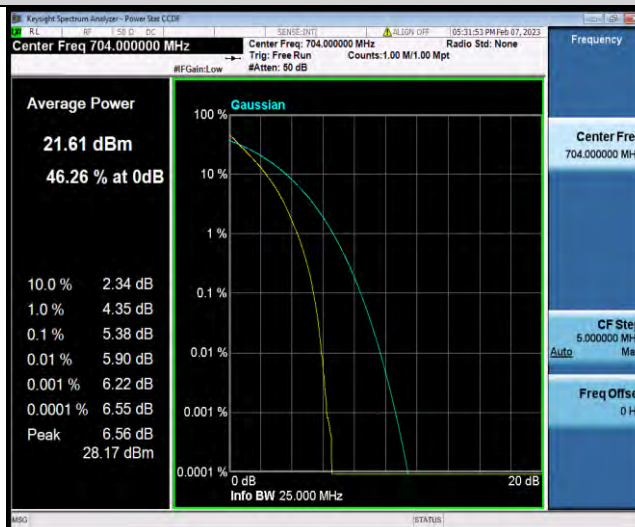
Test Report No.: W7L-P23010024RF06



Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-1RB#0

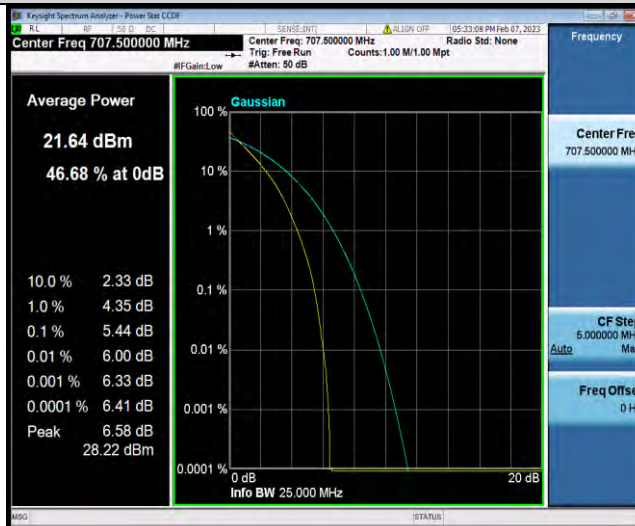


BUREAU  
VERITAS

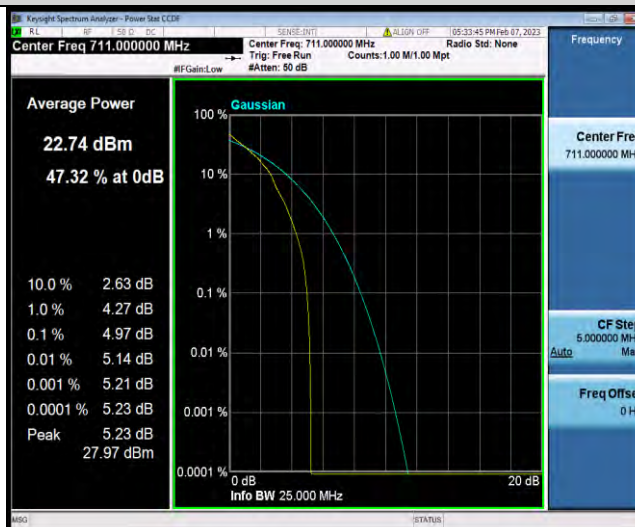
Test Report No.: W7L-P23010024RF06



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



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

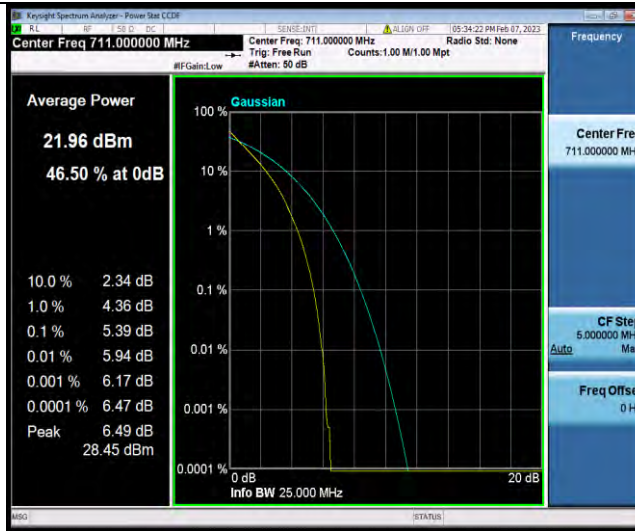


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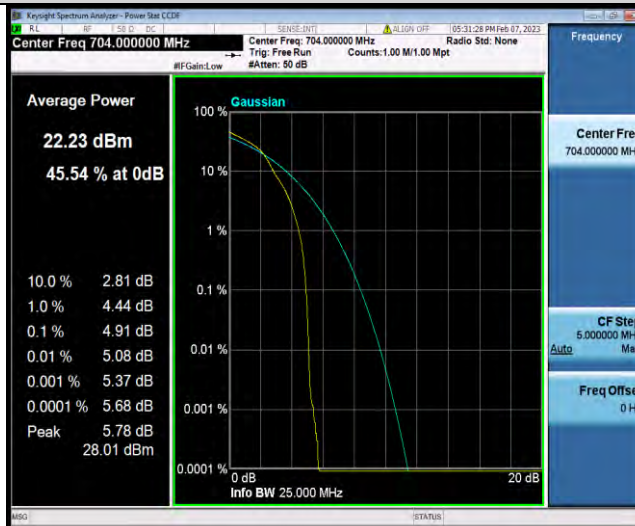


BUREAU  
VERITAS

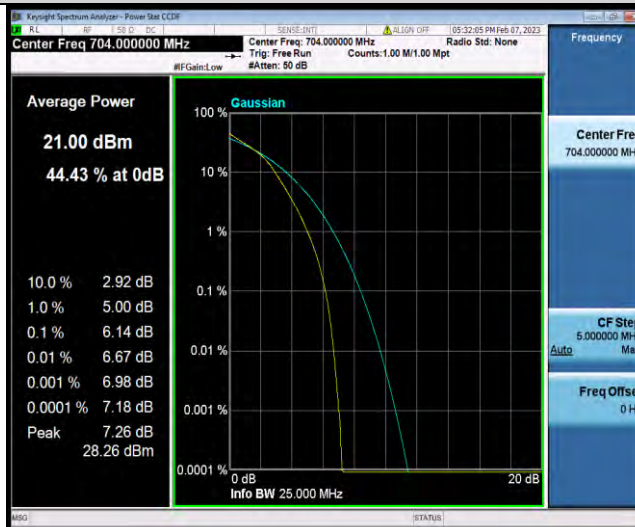
Test Report No.: W7L-P23010024RF06



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



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



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

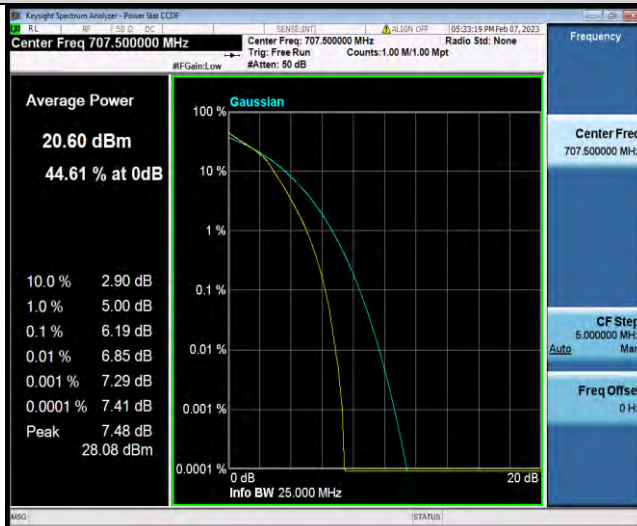


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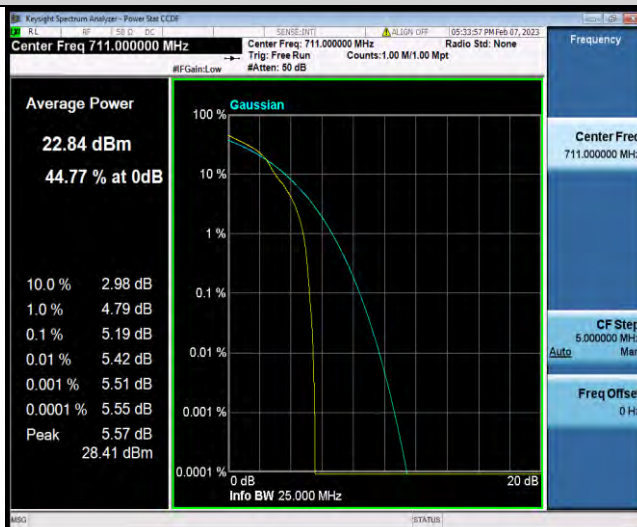
Test Report No.: W7L-P23010024RF06



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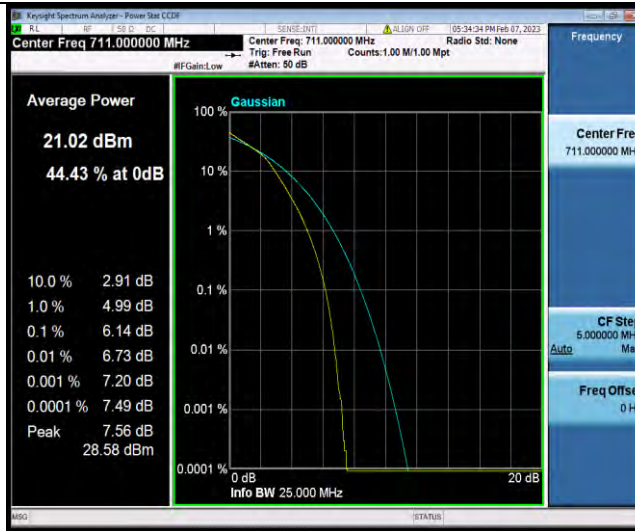


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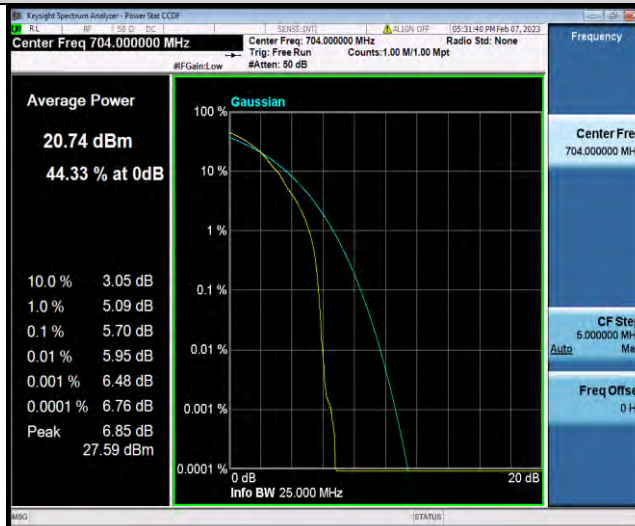


BUREAU VERITAS

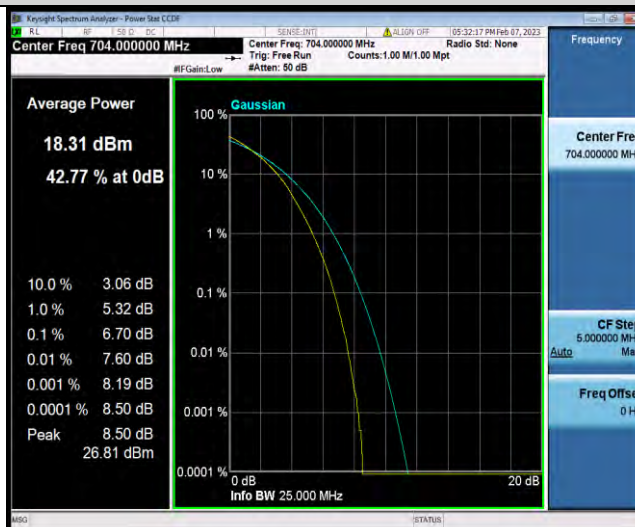
Test Report No.: W7L-P23010024RF06



Band12-10MHz-64QAM-23060-1RB#0



Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23095-1RB#0

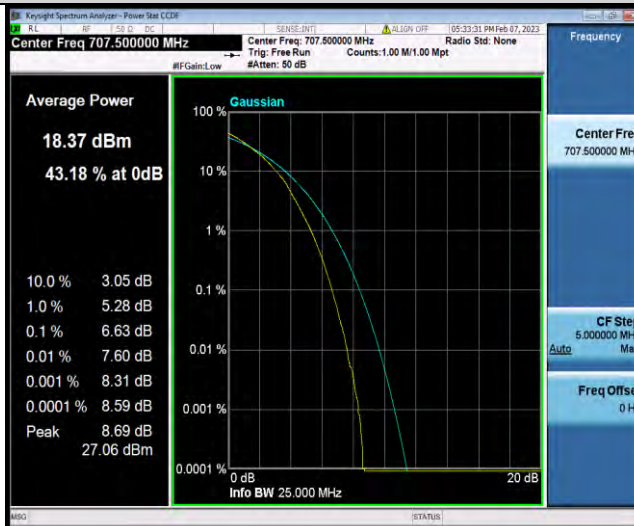


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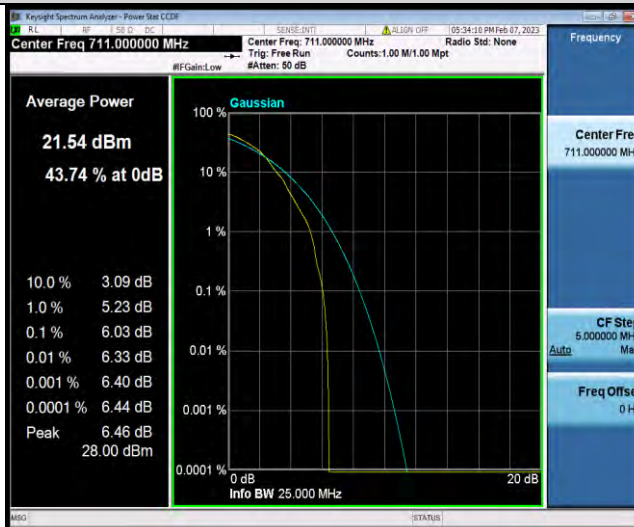
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Band12-10MHz-64QAM-23095-50RB#0



Band12-10MHz-64QAM-23130-1RB#0

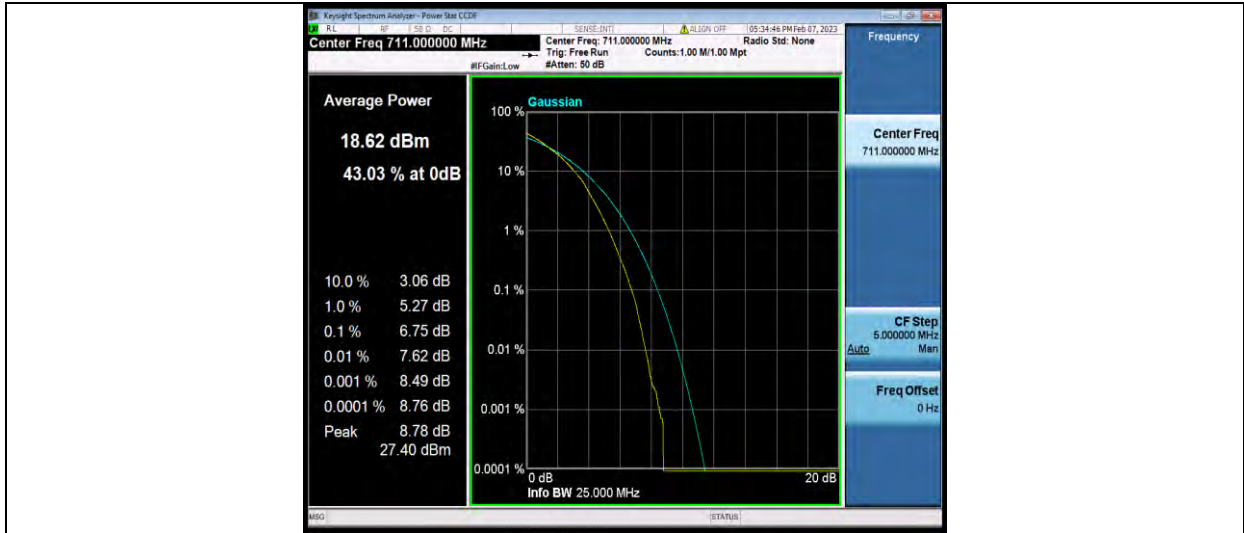


Band12-10MHz-64QAM-23130-50RB#0



BUREAU  
VERITAS

Test Report No.: W7L-P23010024RF06





Test Report No.: W7L-P23010024RF06

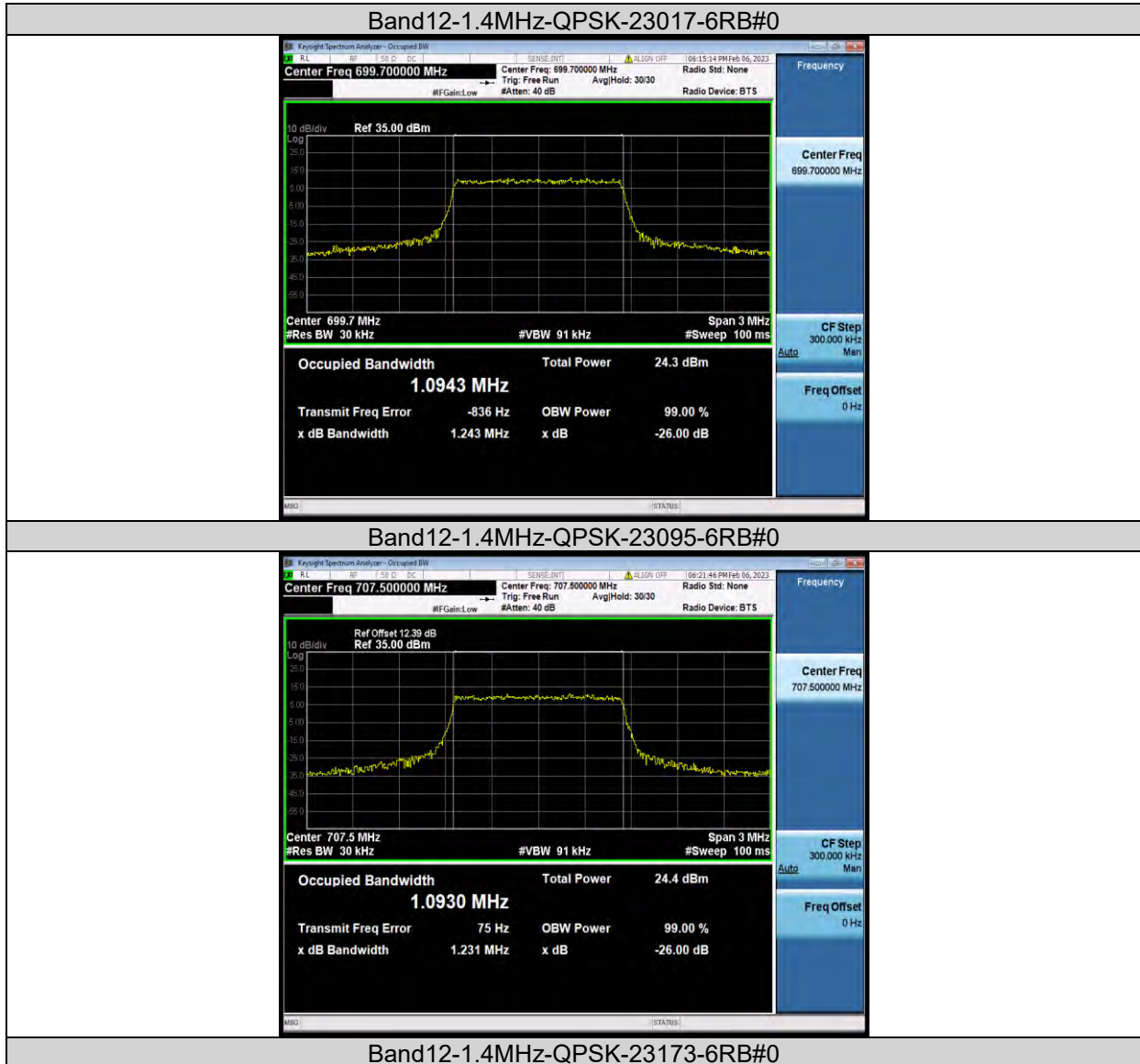
## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0943	1.243	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0930	1.231	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0907	1.233	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0919	1.247	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0919	1.237	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0951	1.238	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0875	1.234	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0886	1.233	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0855	1.224	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6966	2.976	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6984	2.971	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6929	2.937	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6940	2.985	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6986	2.988	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6947	2.965	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.7024	2.977	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6946	2.974	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6990	2.957	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4968	4.931	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4919	4.868	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4932	4.900	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5003	4.876	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4986	4.866	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4905	4.891	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4967	4.934	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4919	4.877	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5005	4.913	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9827	9.586	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9747	9.577	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9716	9.591	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9651	9.538	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9794	9.563	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9608	9.622	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9833	9.601	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9654	9.534	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9771	9.552	PASS



## Test Graphs





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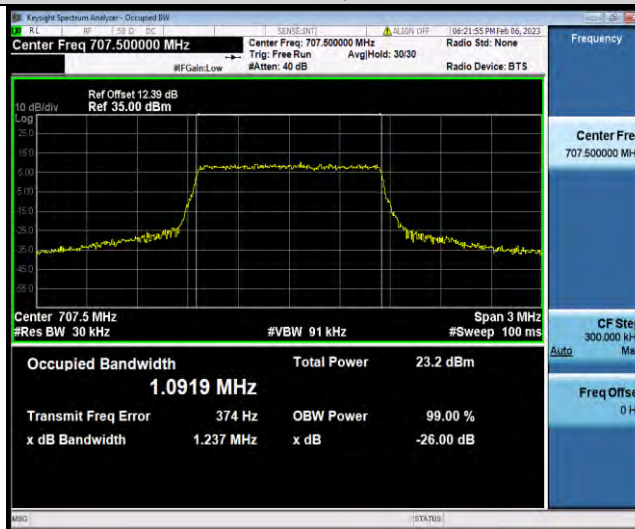
Test Report No.: W7L-P23010024RF06



Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0

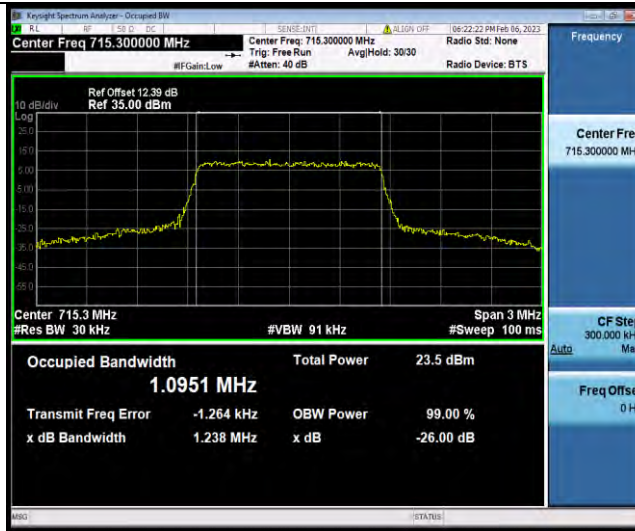


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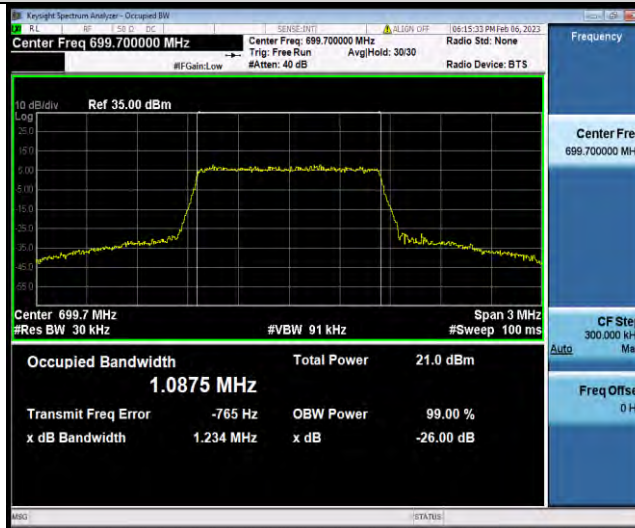


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### Test Report No.: W7L-P23010024RF06



Band12-1.4MHz-64QAM-23017-6RB#0



Band12-1.4MHz-64QAM-23095-6RB#0

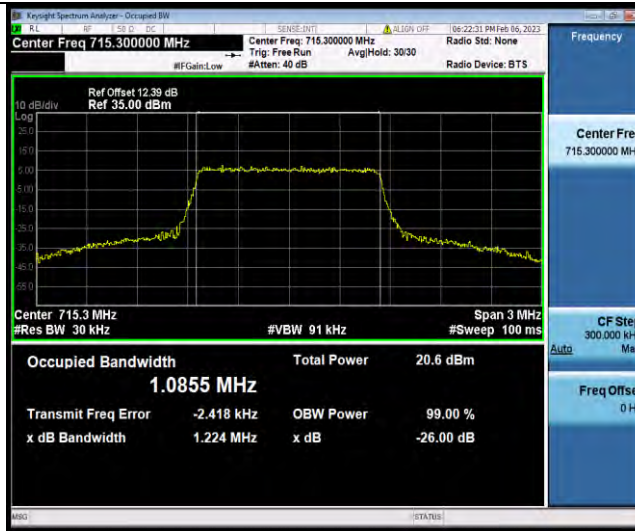


Band12-1.4MHz-64QAM-23173-6RB#0



BUREAU VERITAS

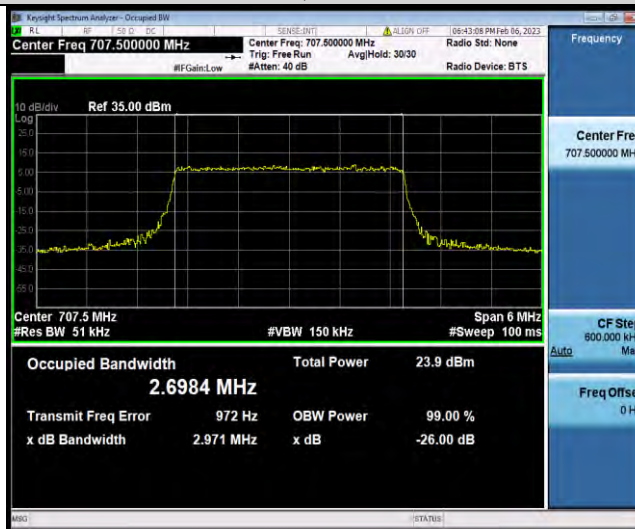
Test Report No.: W7L-P23010024RF06



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0

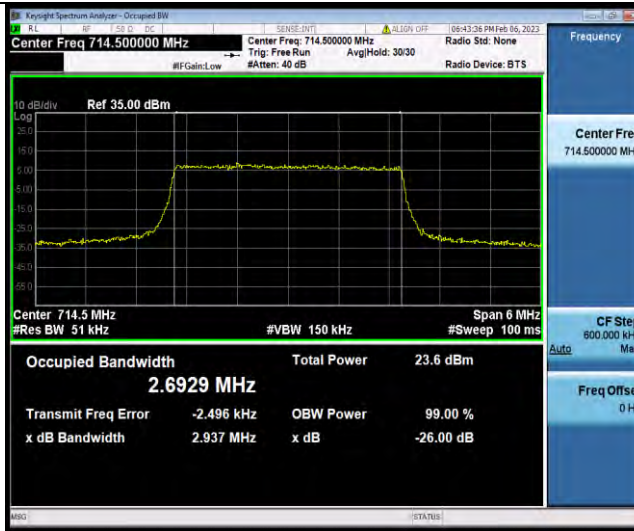


Band12-3MHz-QPSK-23165-15RB#0



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

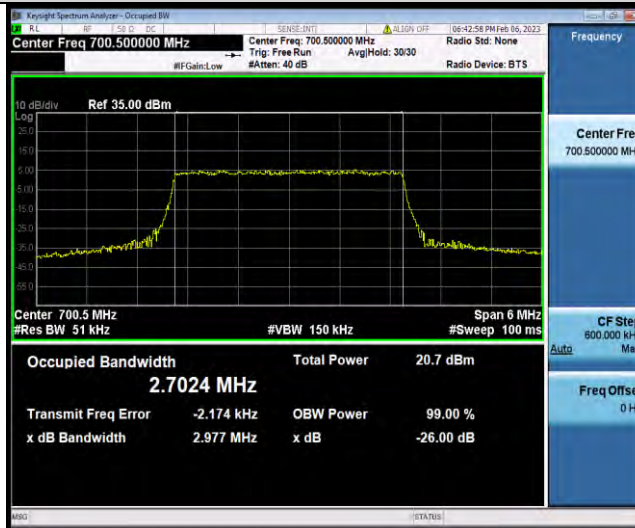


BUREAU VERITAS

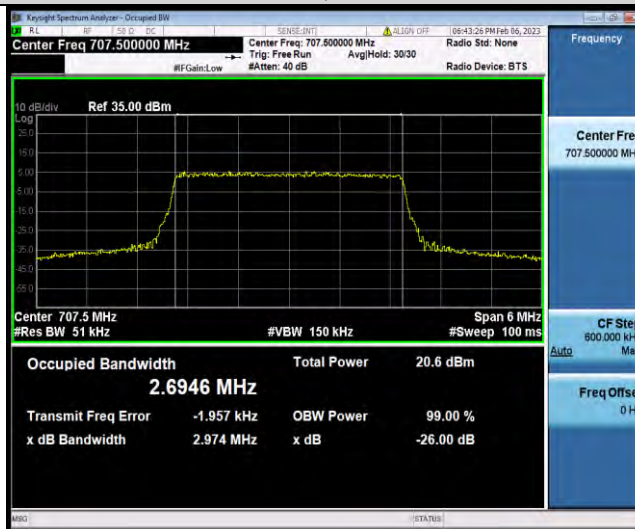
Test Report No.: W7L-P23010024RF06



Band12-3MHz-64QAM-23025-15RB#0



Band12-3MHz-64QAM-23095-15RB#0

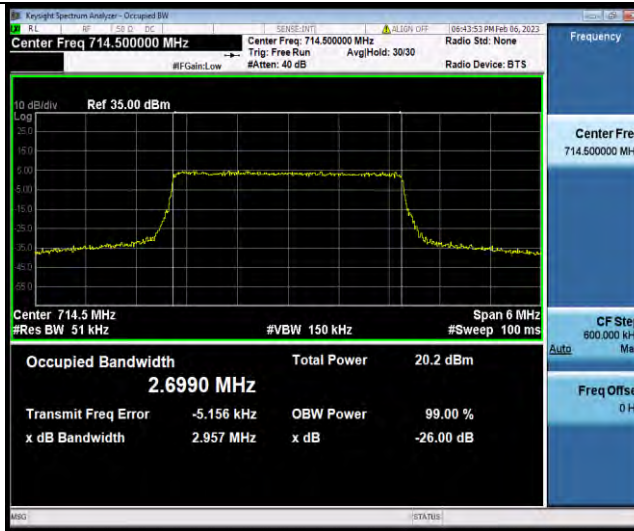


Band12-3MHz-64QAM-23165-15RB#0



BUREAU VERITAS

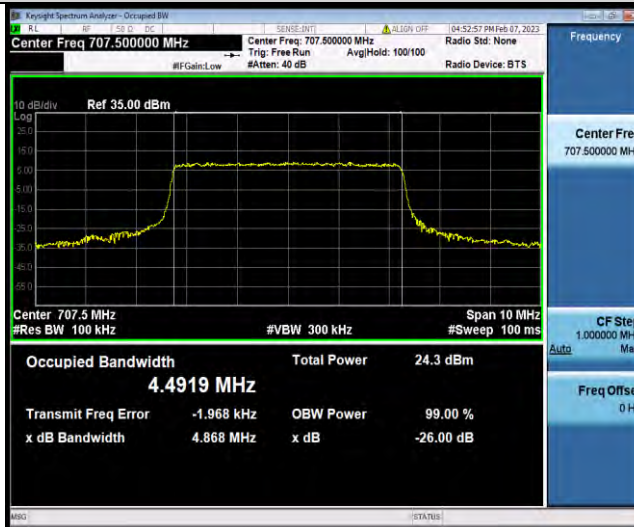
### Test Report No.: W7L-P23010024RF06



Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23010024RF06



Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



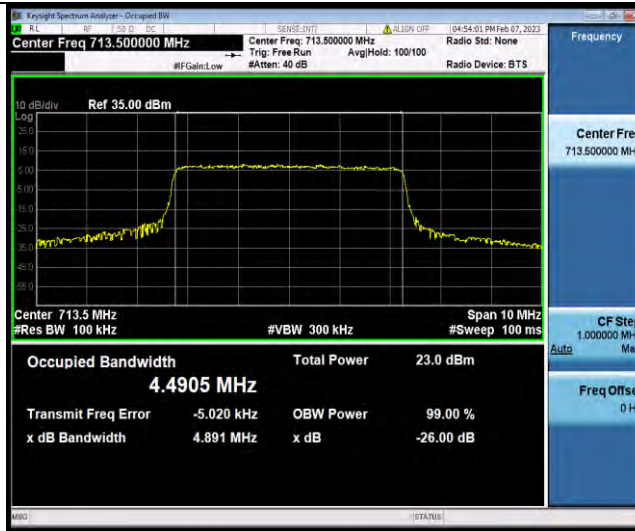
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BUREAU VERITAS

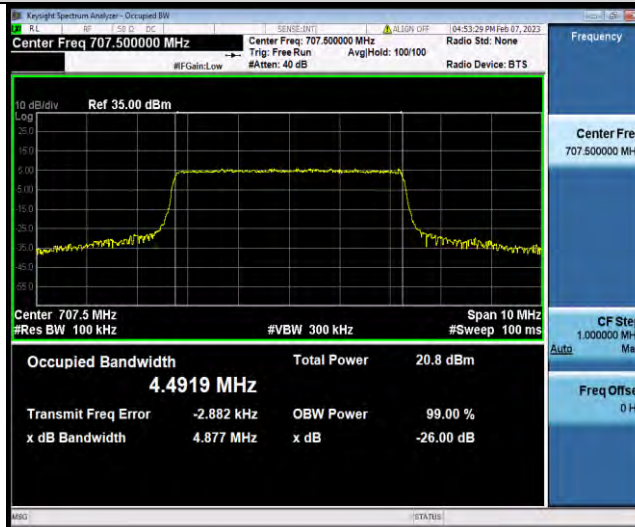
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Band12-5MHz-64QAM-23035-25RB#0



Band12-5MHz-64QAM-23095-25RB#0

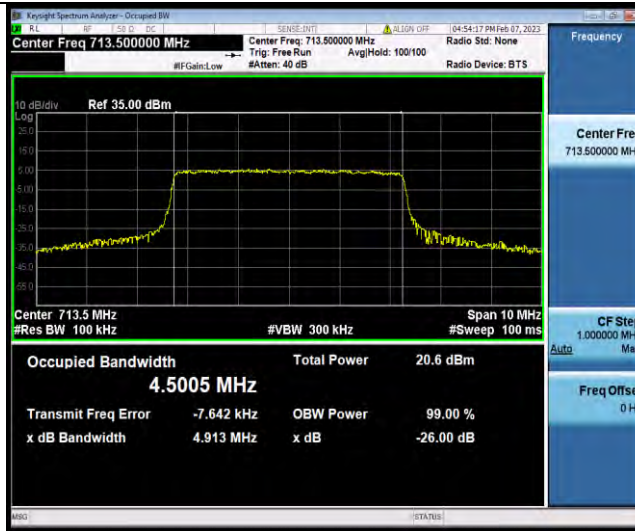


Band12-5MHz-64QAM-23155-25RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23010024RF06



Band12-10MHz-QPSK-23060-50RB#0



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



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



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



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



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



BUREAU VERITAS

### Test Report No.: W7L-P23010024RF06



Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23095-50RB#0



Band12-10MHz-64QAM-23130-50RB#0



BUREAU  
VERITAS

Test Report No.: W7L-P23010024RF06





Test Report No.: W7L-P23010024RF06

## BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-29.63,-22.36	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-28.65,-27.42	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-22.93,-31.07	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-28.04,-28.84	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-31.62,-24.90	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.74,-28.88	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-23.29,-31.55	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.40,-29.23	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	-32.03,-25.03	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-34.89,-33.80	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-27.52,-32.09	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-31.98,-33.18	PASS
Band12	3MHz	QPSK	23025	1RB#0	-26.20,-15.43	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.45,-23.37	PASS
Band12	3MHz	QPSK	23165	1RB#14	-15.35,-27.57	PASS
Band12	3MHz	QPSK	23165	15RB#0	-23.31,-30.62	PASS
Band12	3MHz	16QAM	23025	1RB#0	-27.65,-15.15	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.20,-23.26	PASS
Band12	3MHz	16QAM	23165	1RB#14	-14.66,-26.89	PASS
Band12	3MHz	16QAM	23165	15RB#0	-23.78,-30.79	PASS
Band12	3MHz	64QAM	23025	1RB#0	-29.38,-16.67	PASS
Band12	3MHz	64QAM	23025	15RB#0	-34.06,-25.68	PASS
Band12	3MHz	64QAM	23165	1RB#14	-17.33,-29.55	PASS
Band12	3MHz	64QAM	23165	15RB#0	-26.93,-33.99	PASS
Band12	5MHz	QPSK	23035	1RB#0	-28.35,-21.30	PASS
Band12	5MHz	QPSK	23035	25RB#0	-25.27	PASS
Band12	5MHz	QPSK	23155	1RB#24	-21.95,-29.21	PASS
Band12	5MHz	QPSK	23155	25RB#0	-26.49	PASS
Band12	5MHz	16QAM	23035	1RB#0	-32.13,-23.30	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.34	PASS
Band12	5MHz	16QAM	23155	1RB#24	-23.00,-30.68	PASS
Band12	5MHz	16QAM	23155	25RB#0	-28.10	PASS
Band12	5MHz	64QAM	23035	1RB#0	-31.83,-23.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	-28.51	PASS
Band12	5MHz	64QAM	23155	1RB#24	-24.17,-32.88	PASS
Band12	5MHz	64QAM	23155	25RB#0	-30.44	PASS
Band12	10MHz	QPSK	23060	1RB#0	-32.75,-27.45	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.05,-29.04	PASS
Band12	10MHz	QPSK	23130	1RB#49	-27.08,-32.92	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.95,-30.75	PASS
Band12	10MHz	16QAM	23060	1RB#0	-33.01,-28.07	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.77,-29.74	PASS
Band12	10MHz	16QAM	23130	1RB#49	-27.28,-32.22	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.40,-30.87	PASS
Band12	10MHz	64QAM	23060	1RB#0	-34.38,-29.02	PASS



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**Test Report No.: W7L-P23010024RF06**

Band12	10MHz	64QAM	23060	50RB#0	-34.45,-32.36	PASS
Band12	10MHz	64QAM	23130	1RB#49	-29.81,-34.73	PASS
Band12	10MHz	64QAM	23130	50RB#0	-31.66,-33.14	PASS

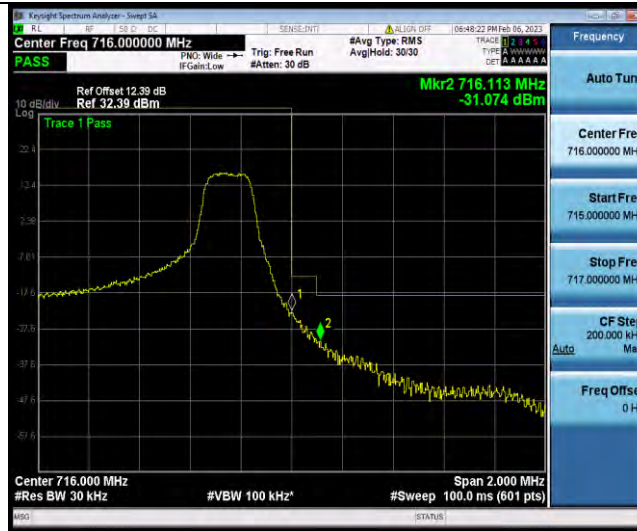
**Test Graphs**





BUREAU VERITAS

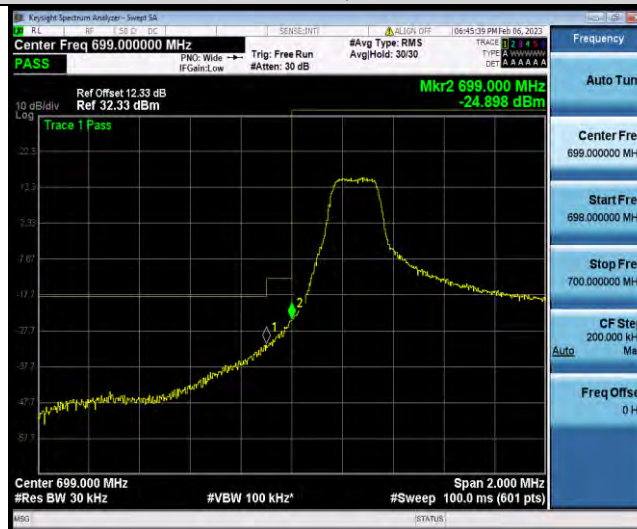
Test Report No.: W7L-P23010024RF06



Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0



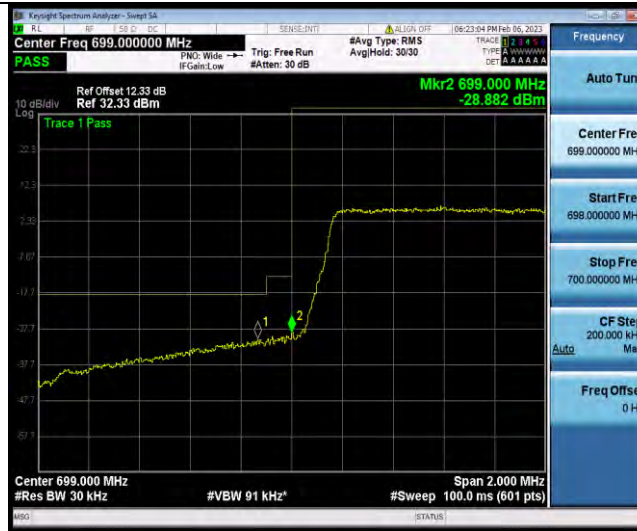
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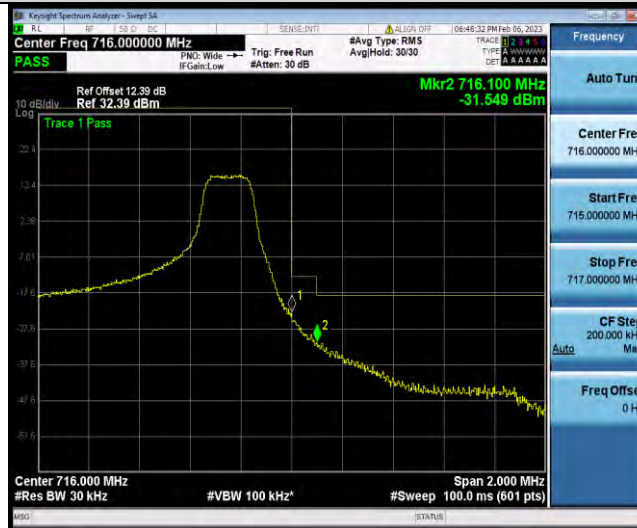


BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-1.4MHz-16QAM-23173-1RB#5



Band12-1.4MHz-16QAM-23173-6RB#0

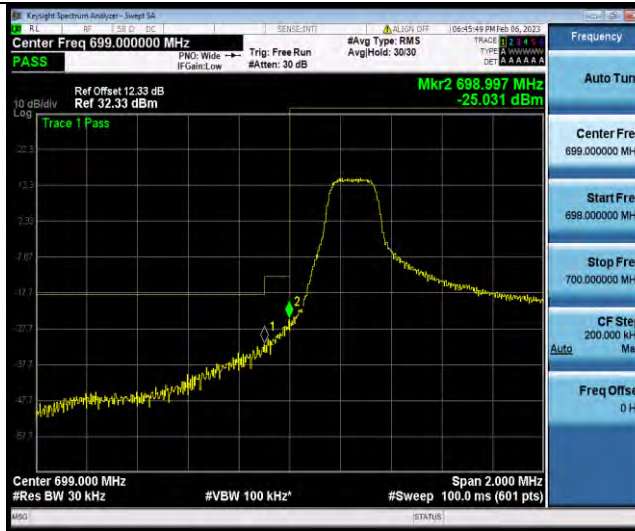


Band12-1.4MHz-64QAM-23017-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-1.4MHz-64QAM-23017-6RB#0



Band12-1.4MHz-64QAM-23173-1RB#5



Band12-1.4MHz-64QAM-23173-6RB#0

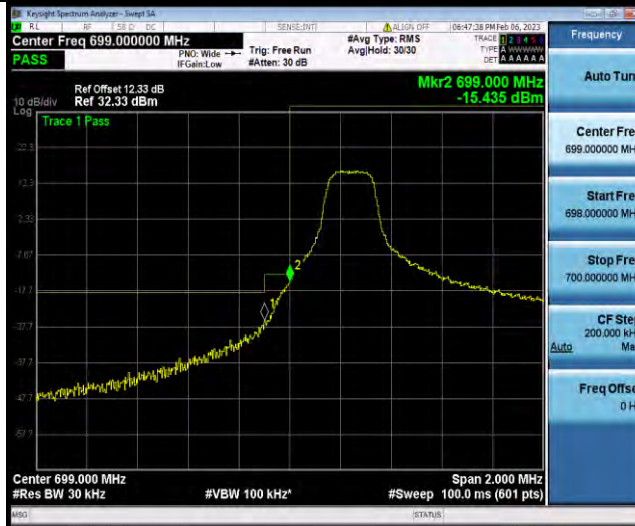


BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0

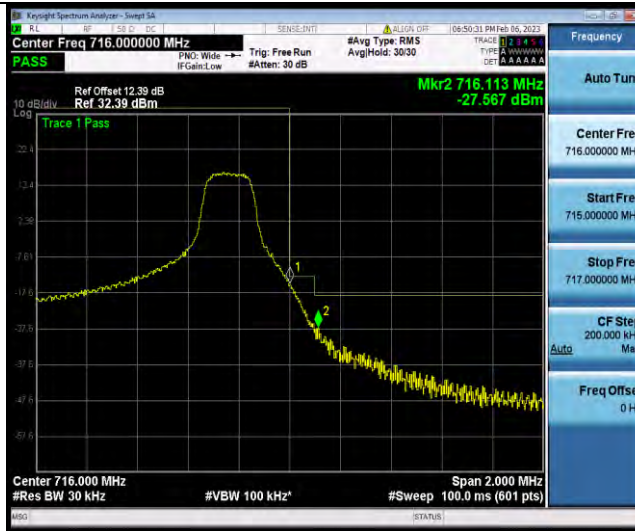


Band12-3MHz-QPSK-23165-1RB#14



BUREAU VERITAS

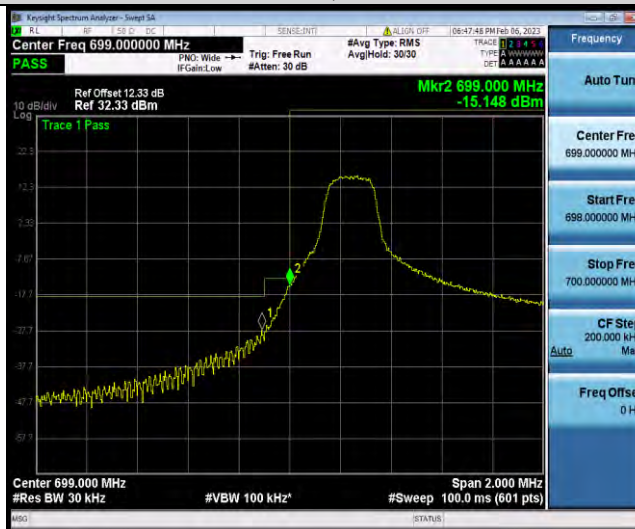
Test Report No.: W7L-P23010024RF06



Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-15RB#0

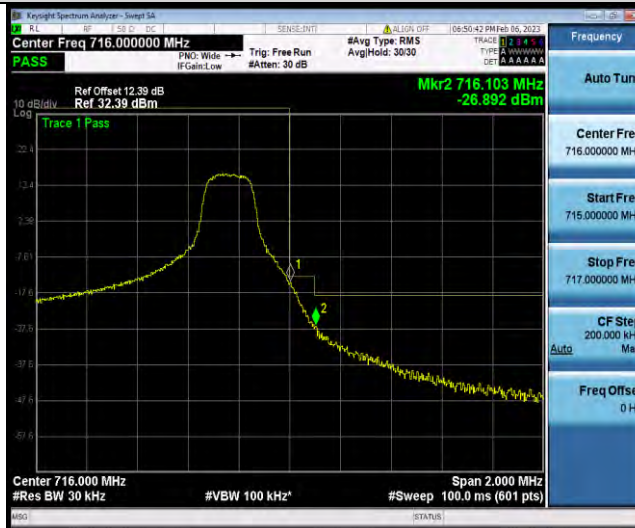


BUREAU VERITAS

### Test Report No.: W7L-P23010024RF06



Band12-3MHz-16QAM-23165-1RB#14



Band12-3MHz-16QAM-23165-15RB#0

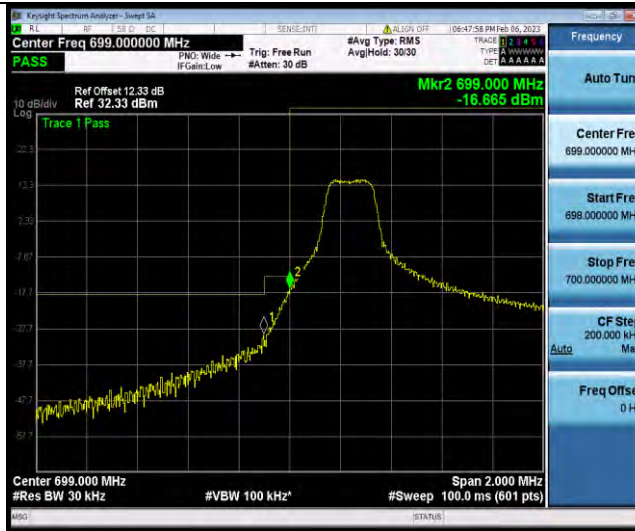


Band12-3MHz-64QAM-23025-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-3MHz-64QAM-23025-15RB#0



Band12-3MHz-64QAM-23165-1RB#14



Band12-3MHz-64QAM-23165-15RB#0

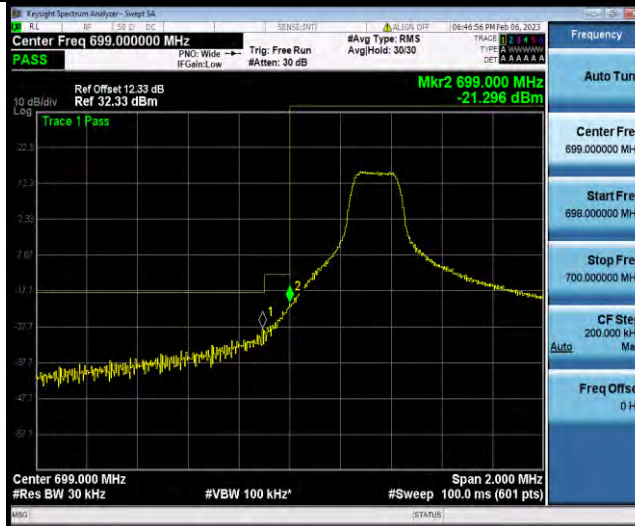


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Test Report No.: W7L-P23010024RF06



Band12-5MHz-QPSK-23035-1RB#0



Band12-5MHz-QPSK-23035-25RB#0

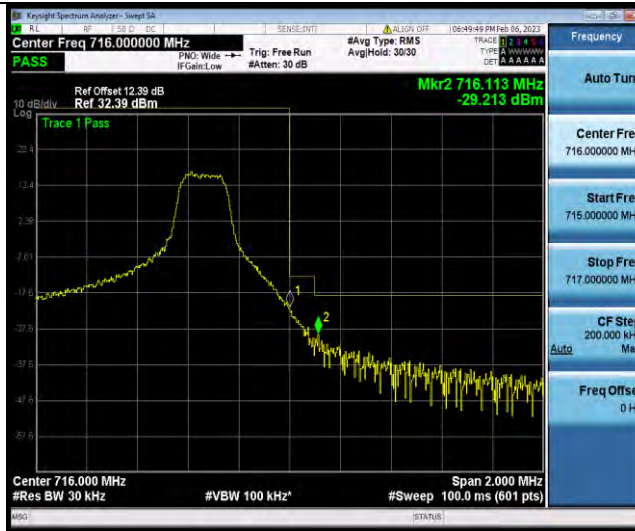


Band12-5MHz-QPSK-23155-1RB#24



BUREAU VERITAS

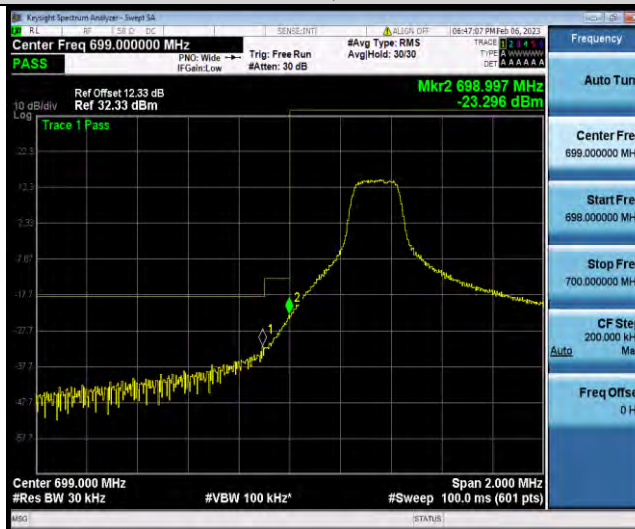
Test Report No.: W7L-P23010024RF06



Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-1RB#0



Band12-5MHz-16QAM-23035-25RB#0





BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-5MHz-16QAM-23155-1RB#24



Band12-5MHz-16QAM-23155-25RB#0

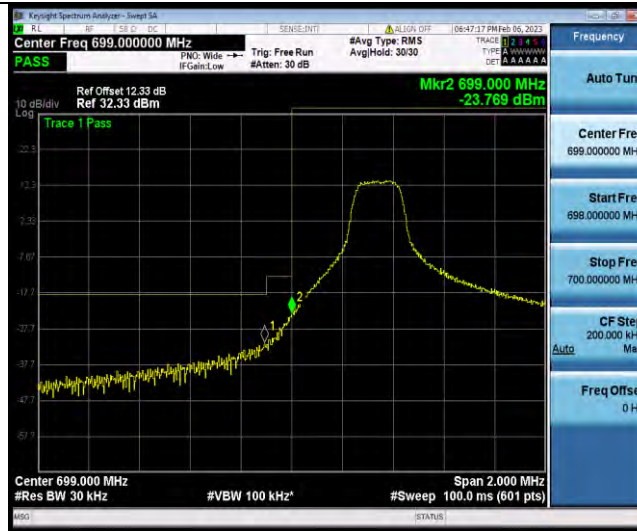


Band12-5MHz-64QAM-23035-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-5MHz-64QAM-23035-25RB#0



Band12-5MHz-64QAM-23155-1RB#24



Band12-5MHz-64QAM-23155-25RB#0

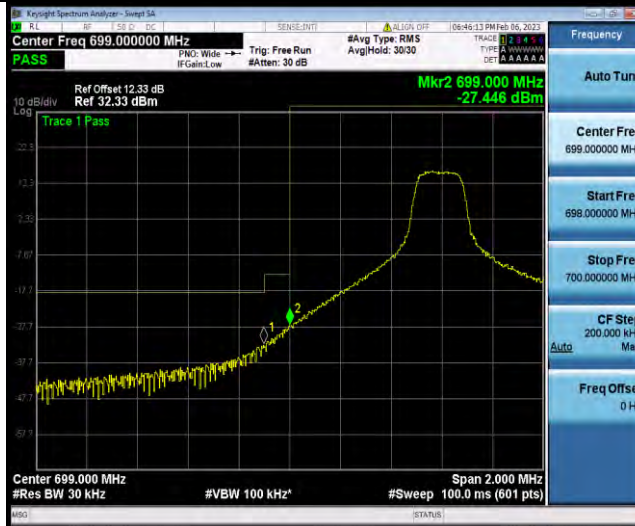


BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23130-1RB#49



BUREAU VERITAS

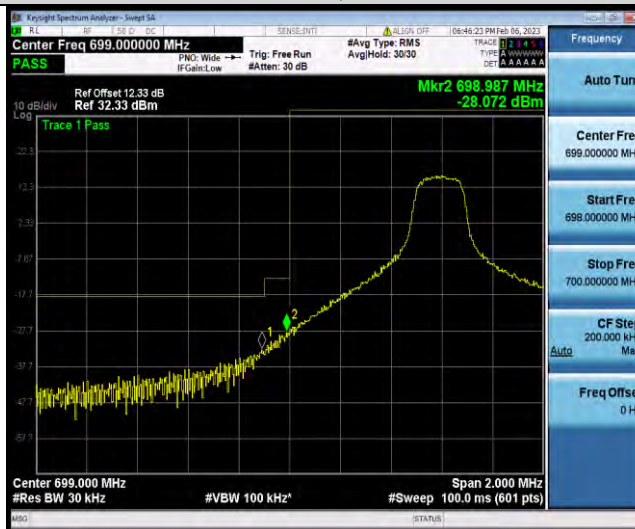
Test Report No.: W7L-P23010024RF06



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



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



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

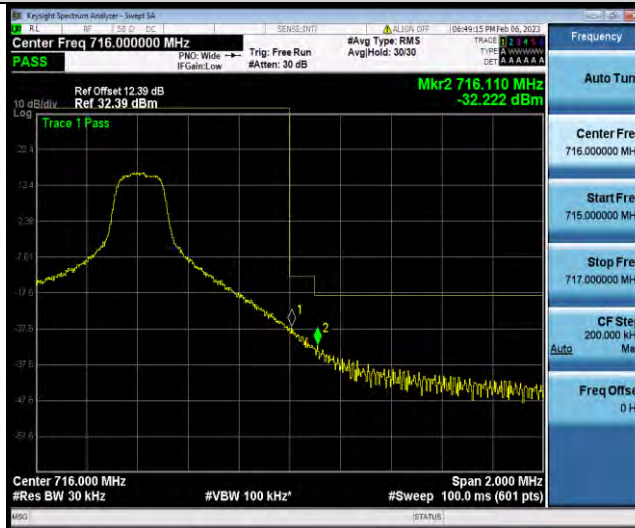


BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-10MHz-16QAM-23130-1RB#49



Band12-10MHz-16QAM-23130-50RB#0

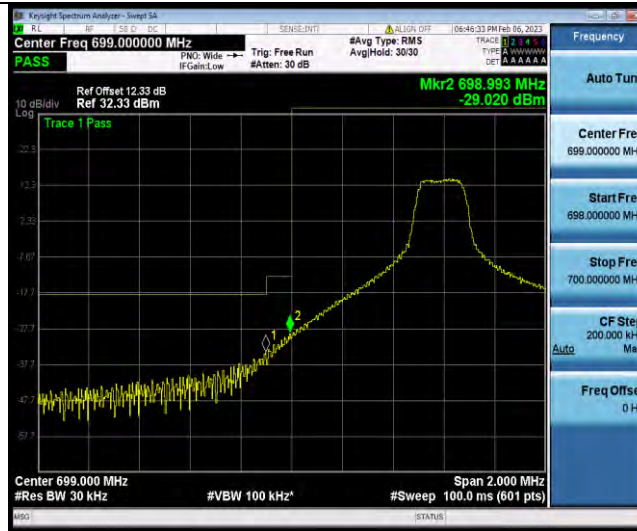


Band12-10MHz-64QAM-23060-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06



Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23130-1RB#49



Band12-10MHz-64QAM-23130-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23010024RF06





Test Report No.: W7L-P23010024RF06

## CONDUCTED SPURIOUS EMISSION

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-39.95	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-33.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.19	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-40.16	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-34.5	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.45	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.47	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-40.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range1:30~1000MHz	-40.47	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range2:1000~10000MHz	-33.48	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.95	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.43	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range1:30~1000MHz	-39.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range2:1000~10000MHz	-34.51	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-40.37	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-33.9	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.66	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-40.37	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-39.75	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-34.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.28	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-32.96	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-39.75	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-34.04	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range1:30~1000MHz	-40.3	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range2:1000~10000MHz	-34.34	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.22	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range1:30~1000MHz	-39.07	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range2:1000~10000MHz	-33.86	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-39.26	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-34.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.95	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.07	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-39.12	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-33.68	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-39.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-33.48	PASS