

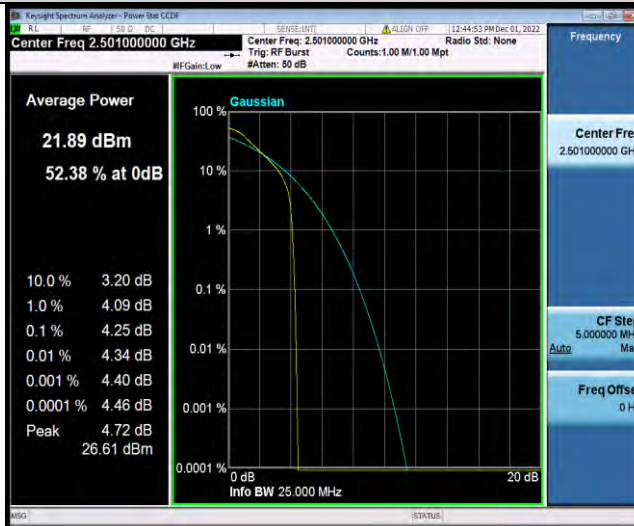


BUREAU VERITAS

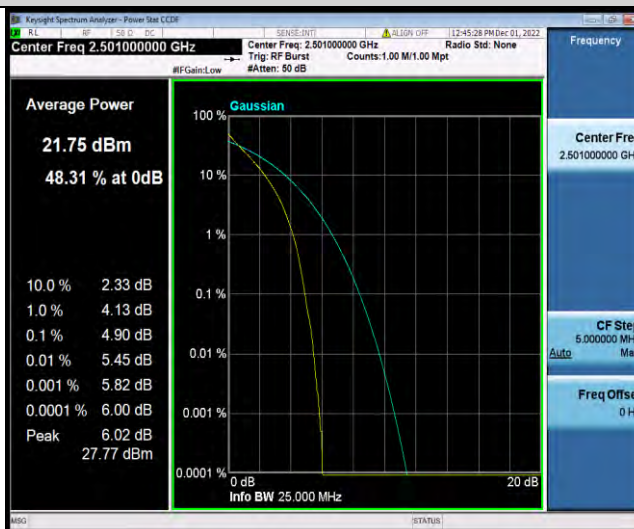
Test Report No.: W7L-P22110036RF07



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



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

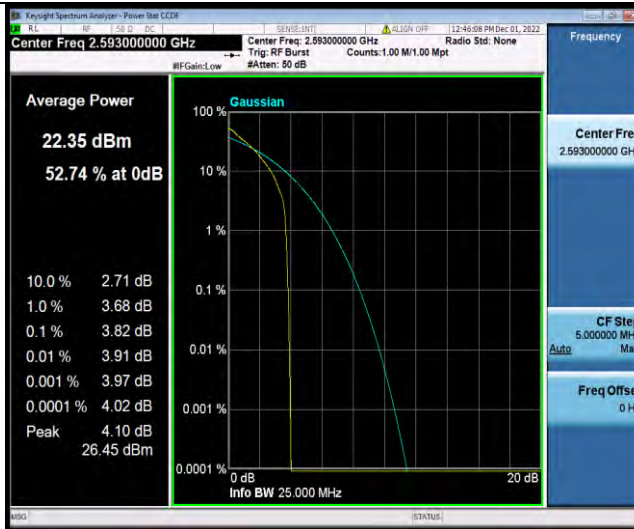


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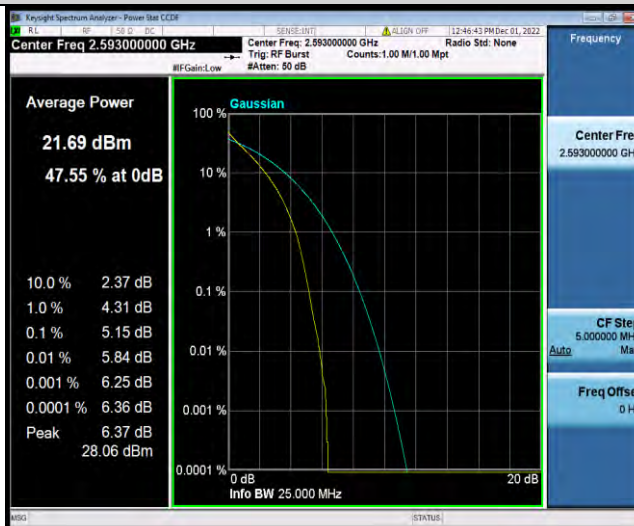


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



Band41-10MHz-QPSK-40620-50RB#0



Band41-10MHz-QPSK-41540-1RB#0



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

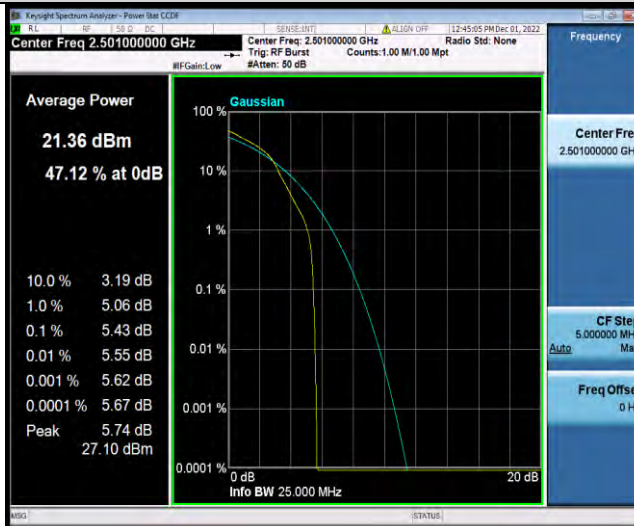


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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

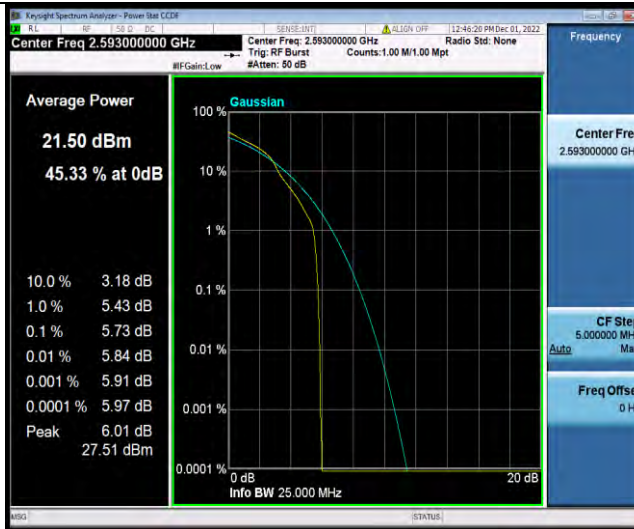


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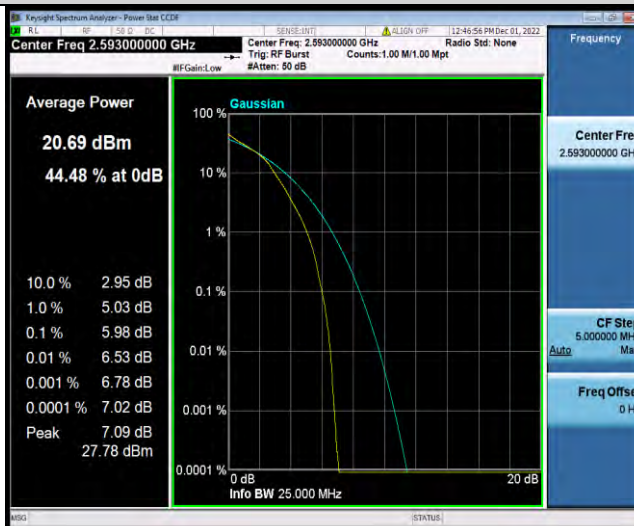


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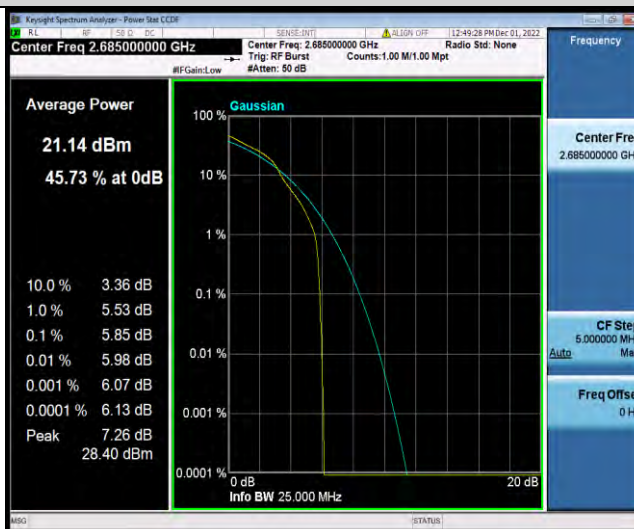
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Band41-10MHz-16QAM-40620-50RB#0



Band41-10MHz-16QAM-41540-1RB#0



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

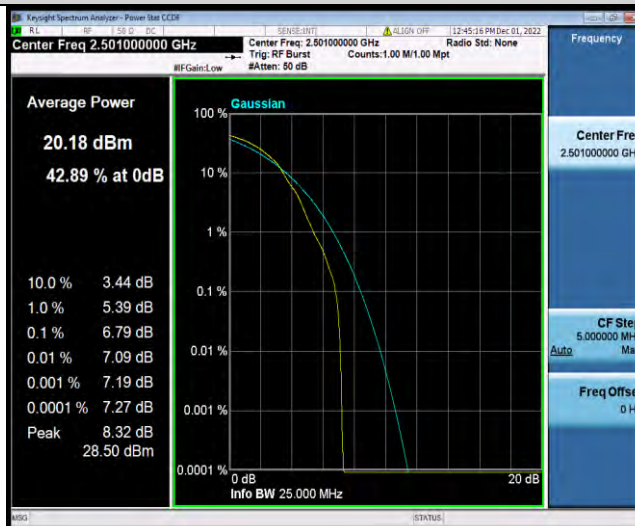


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VERITAS

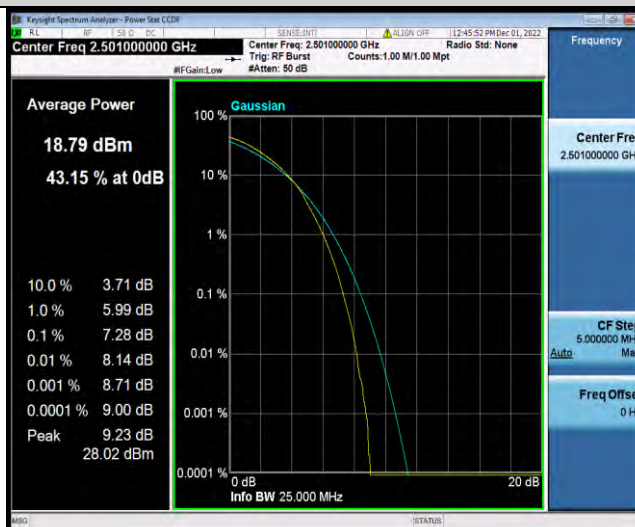
Test Report No.: W7L-P22110036RF07



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



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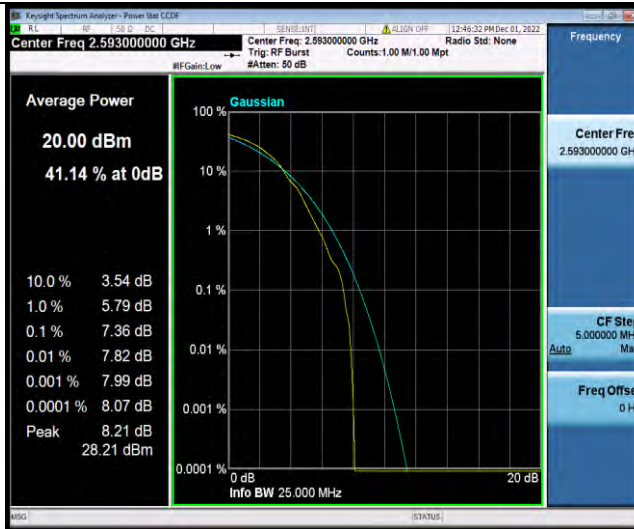


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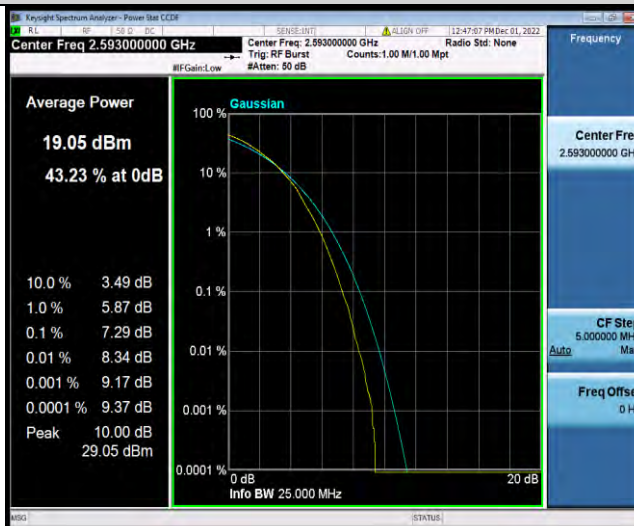


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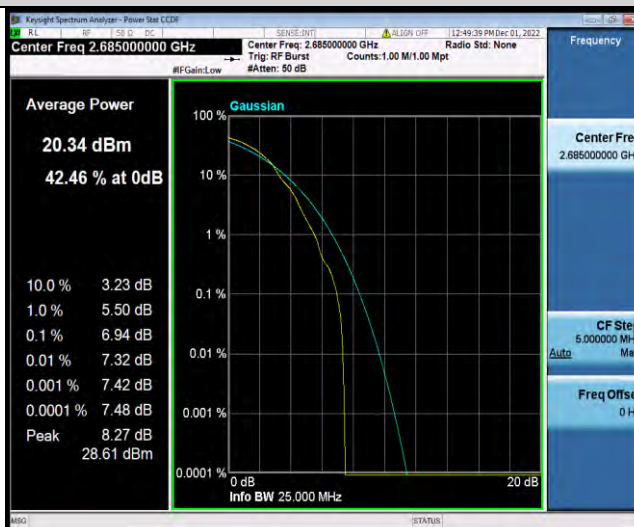
Test Report No.: W7L-P22110036RF07



Band41-10MHz-64QAM-40620-50RB#0



Band41-10MHz-64QAM-41540-1RB#0

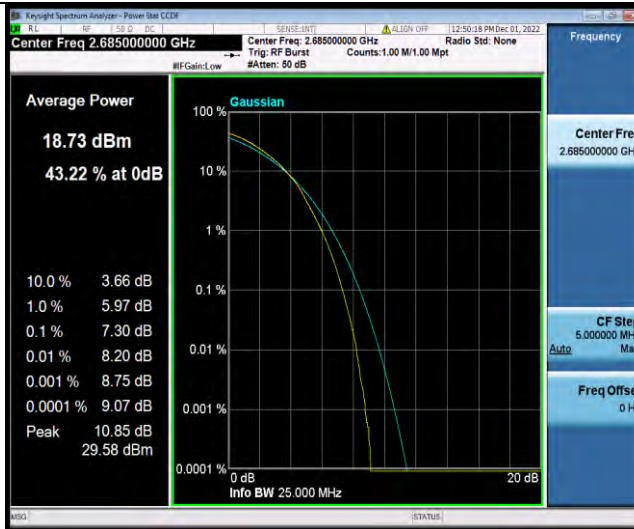


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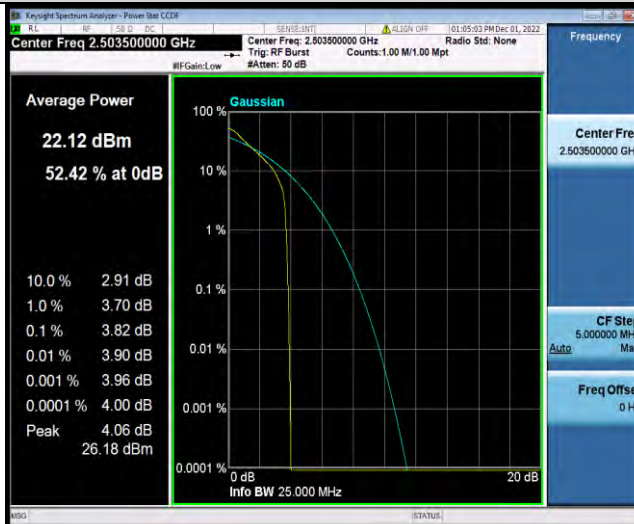


BUREAU VERITAS

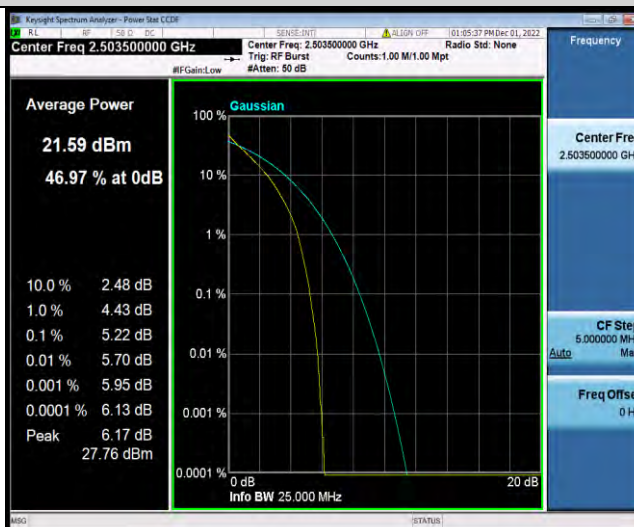
Test Report No.: W7L-P22110036RF07



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



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

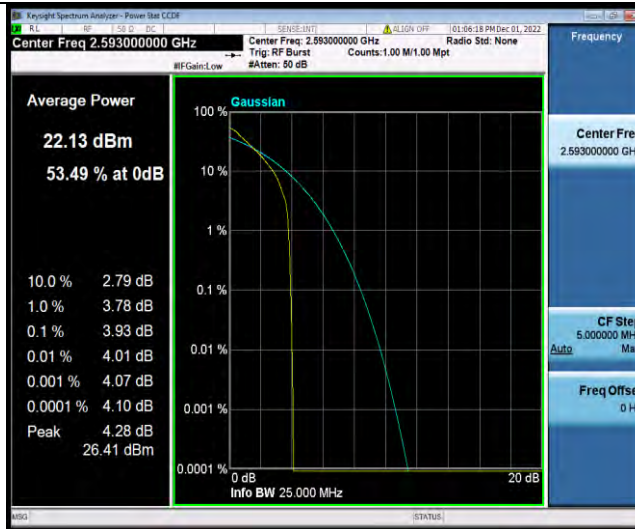


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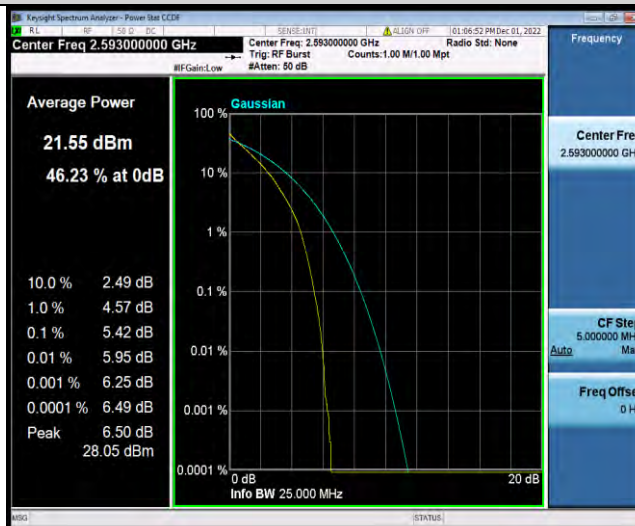


BUREAU
VERITAS

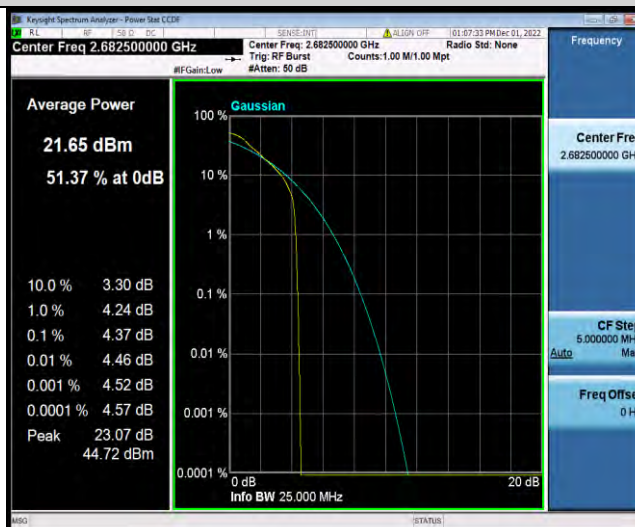
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Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



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

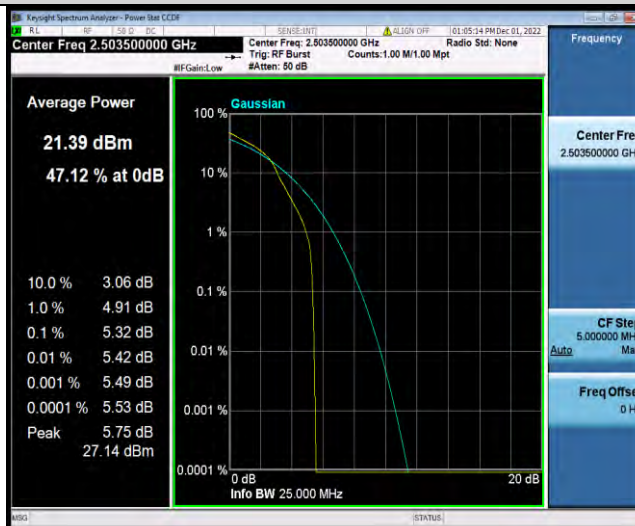


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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

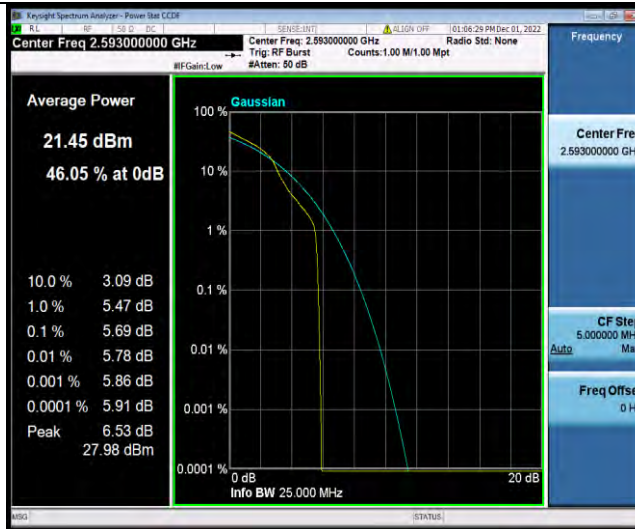


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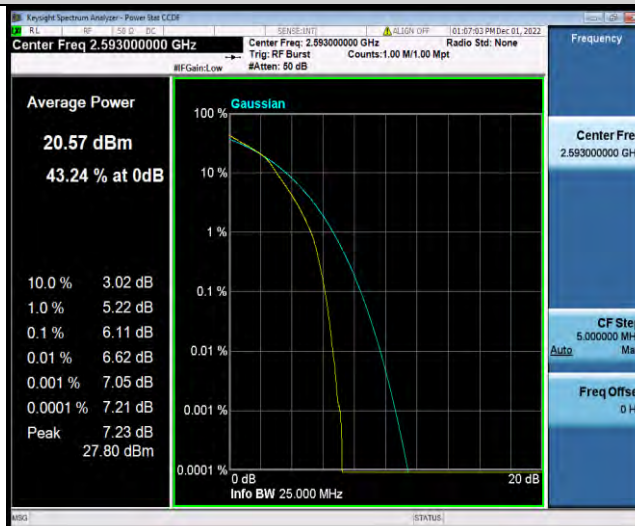


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VERITAS

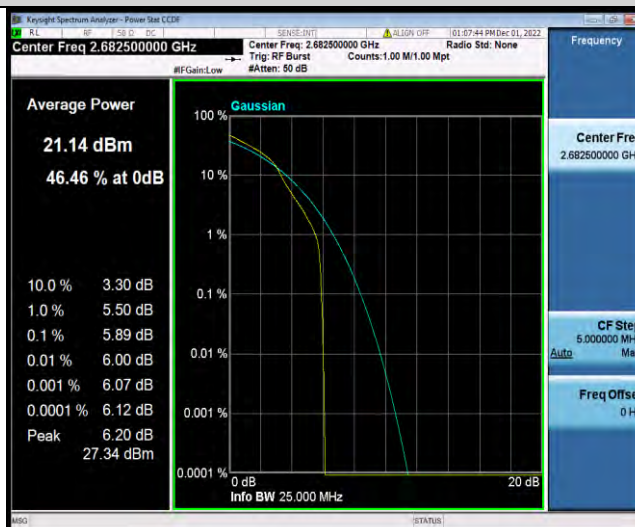
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Band41-15MHz-16QAM-40620-75RB#0



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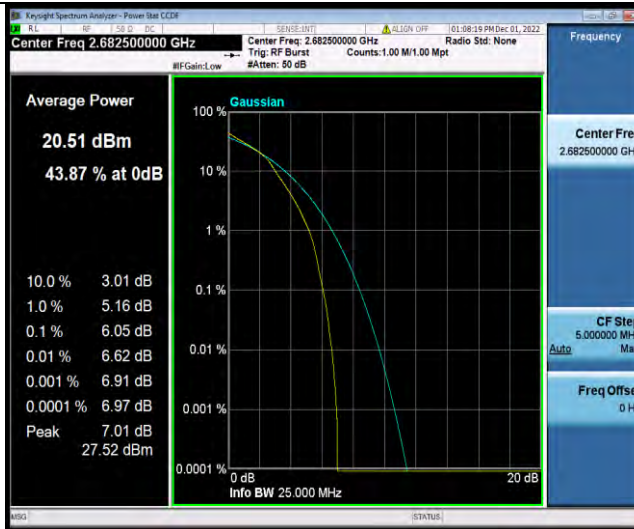


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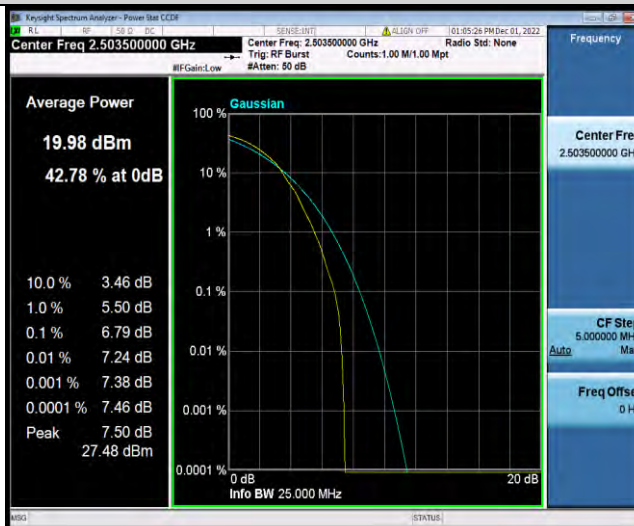


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VERITAS

Test Report No.: W7L-P22110036RF07



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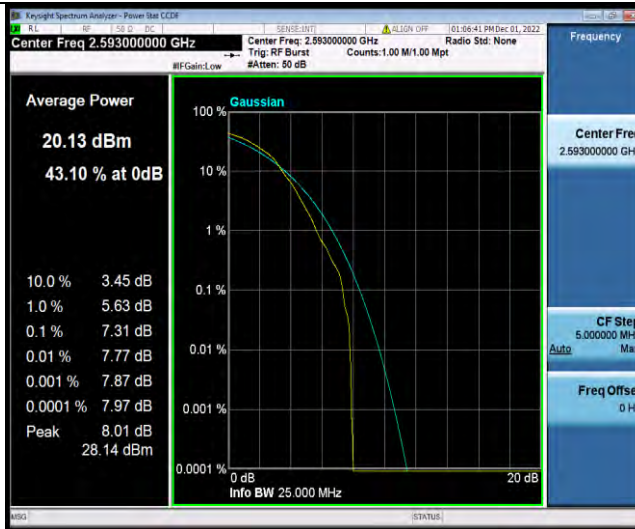


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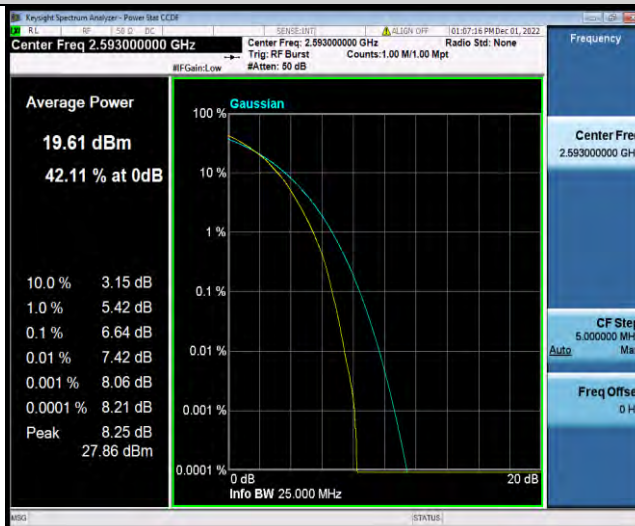


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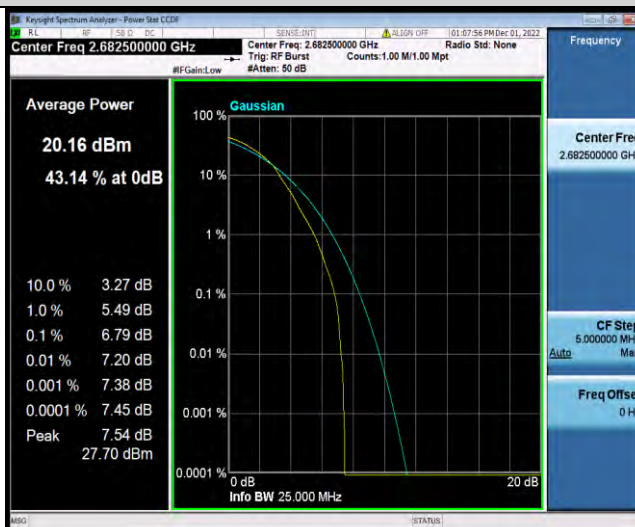
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Band41-15MHz-64QAM-40620-75RB#0



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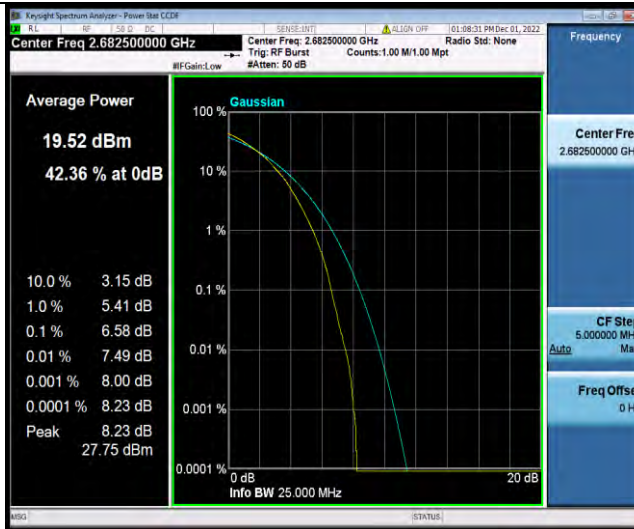


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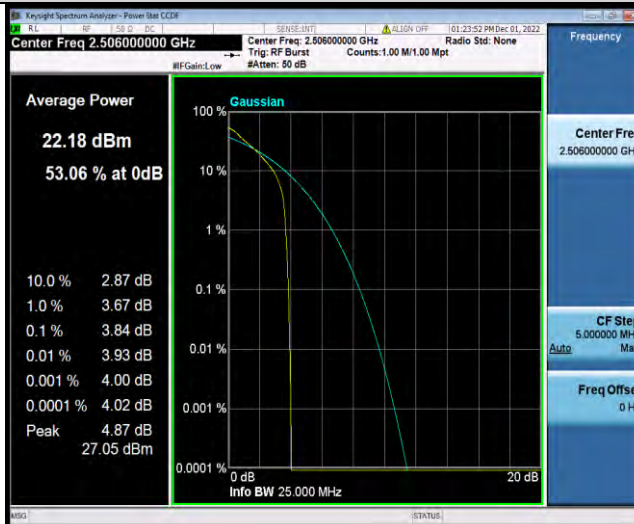


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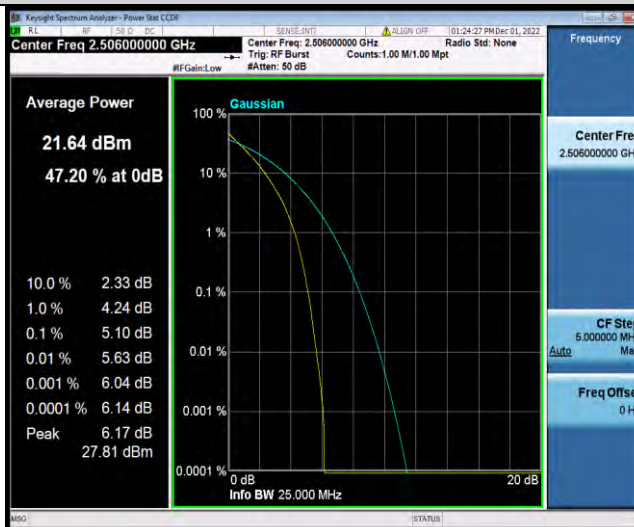
Test Report No.: W7L-P22110036RF07



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



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

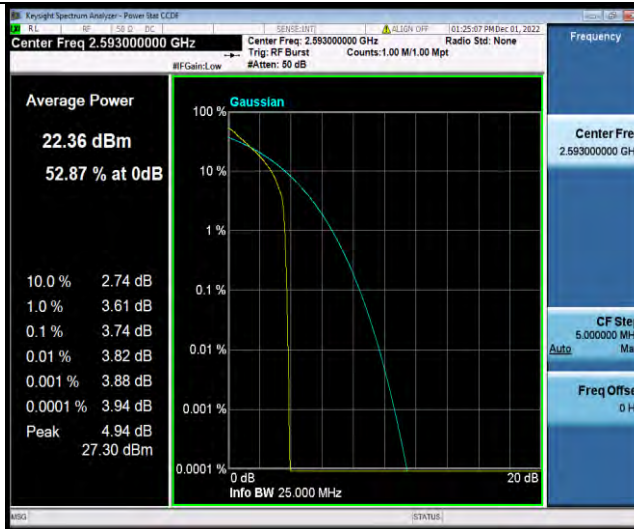


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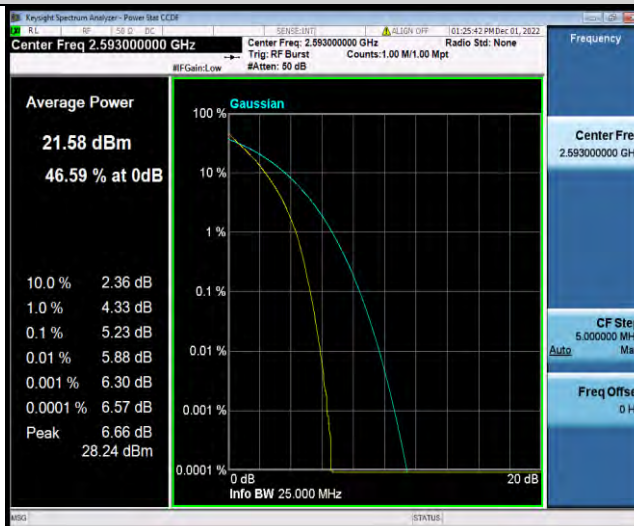


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VERITAS

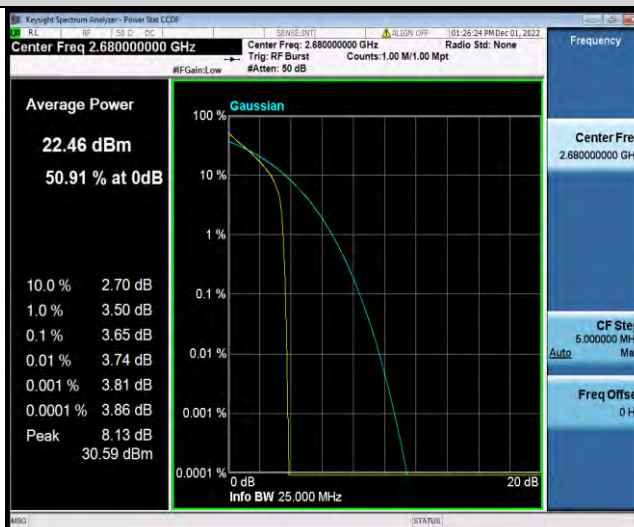
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Band41-20MHz-QPSK-40620-100RB#0



Band41-20MHz-QPSK-41490-1RB#0



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

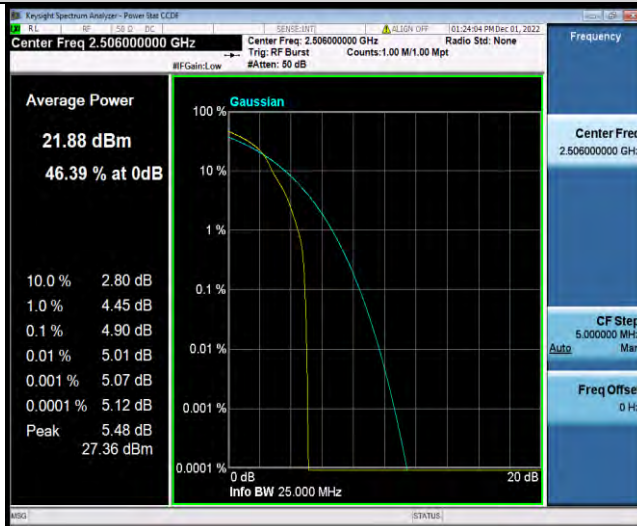


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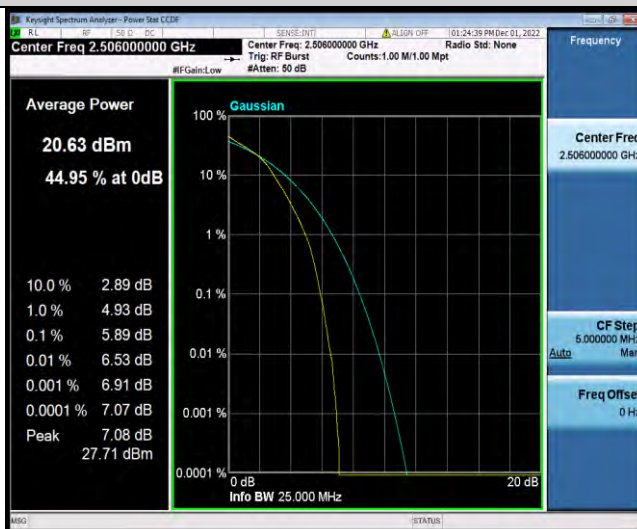
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Band41-20MHz-16QAM-39750-1RB#0



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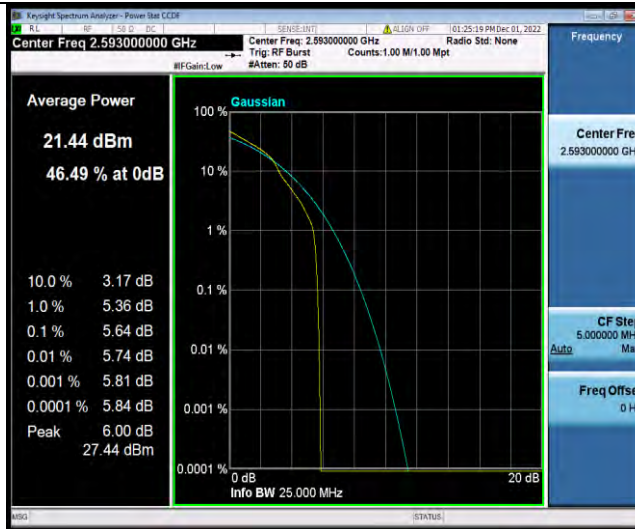


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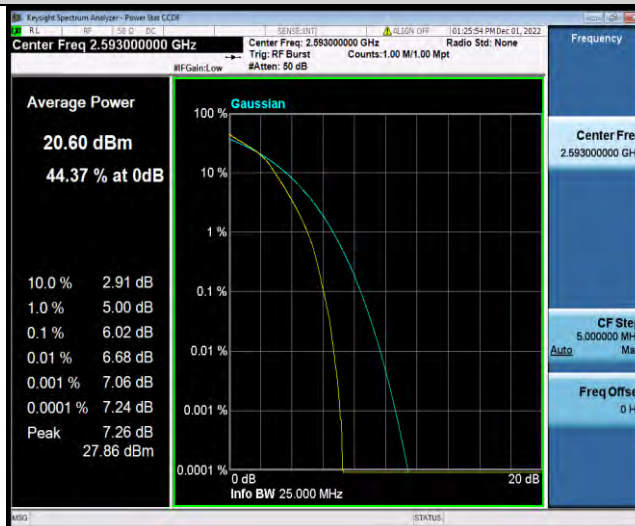


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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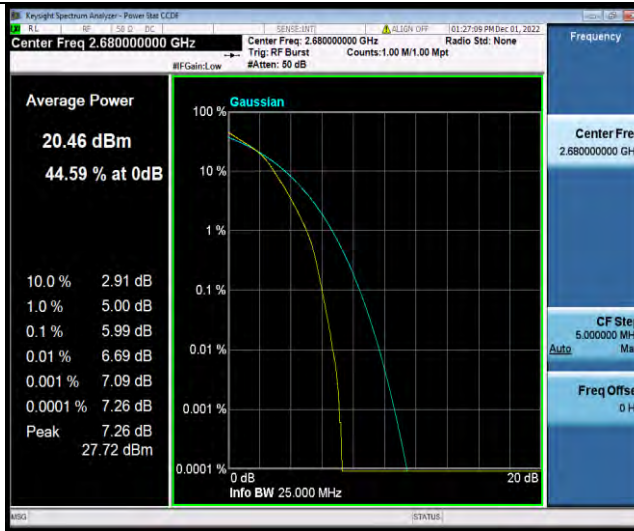


Band41-20MHz-16QAM-41490-100RB#0



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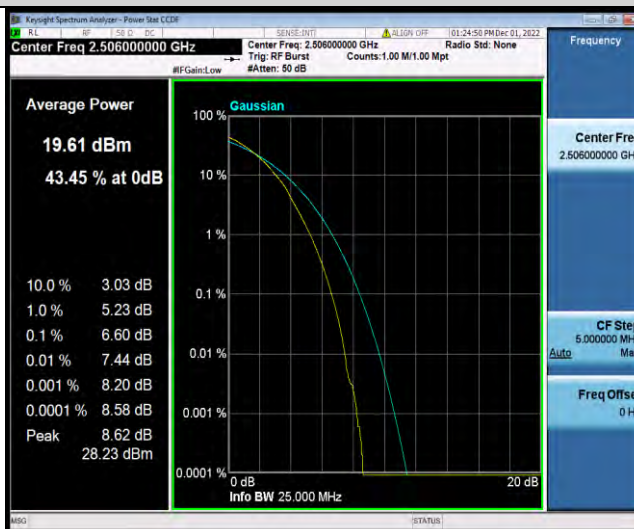
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Band41-20MHz-64QAM-39750-1RB#0



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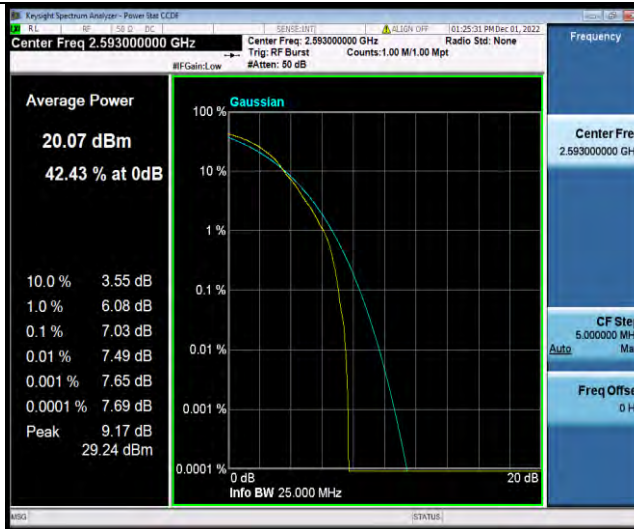


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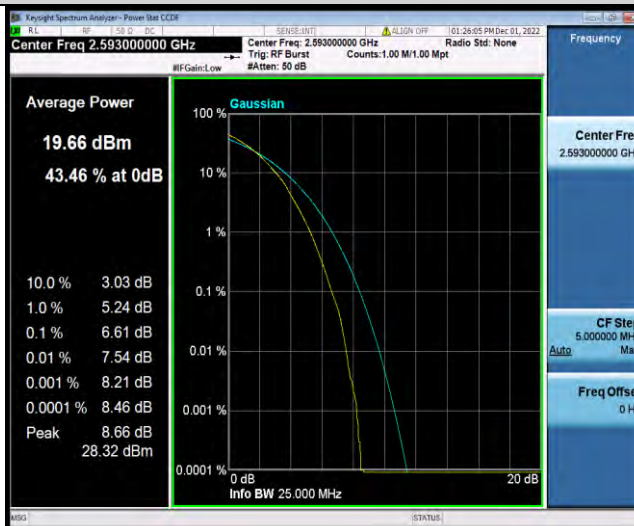


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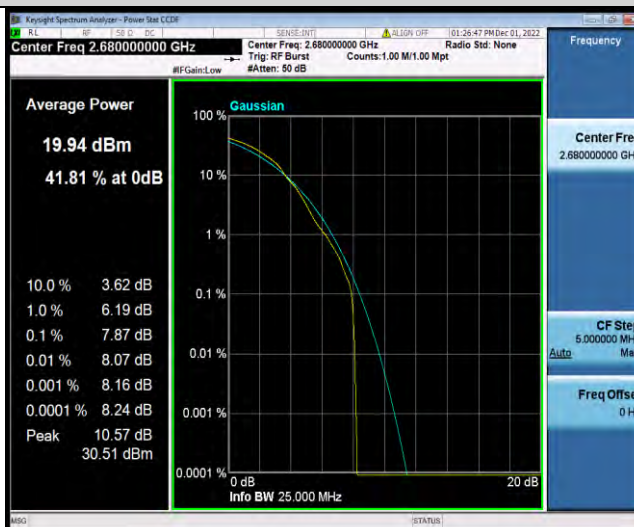
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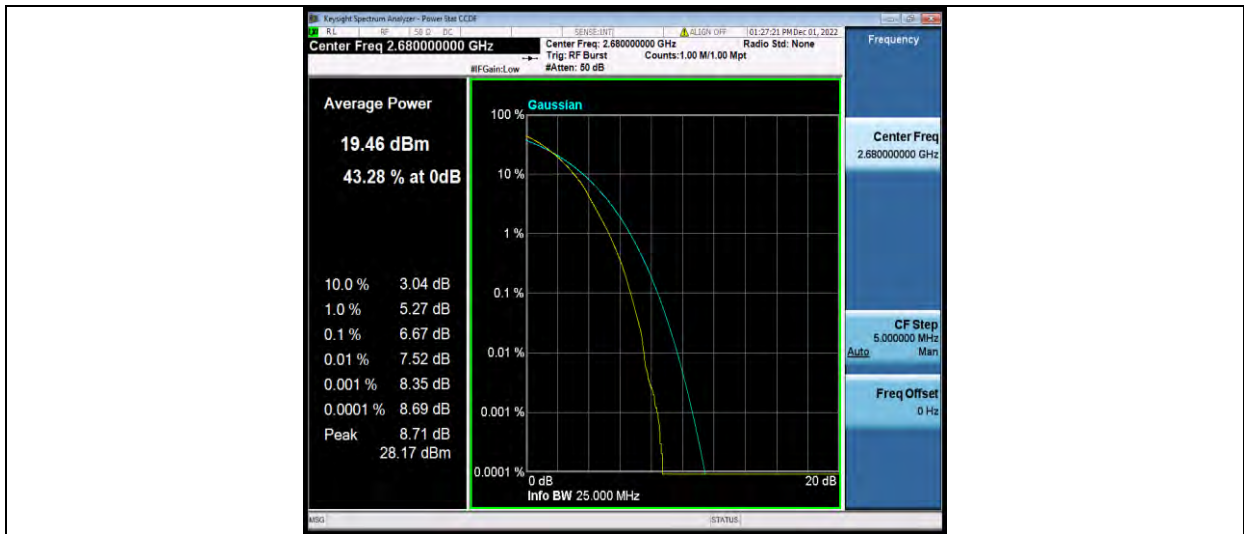


Band41-20MHz-64QAM-41490-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22110036RF07





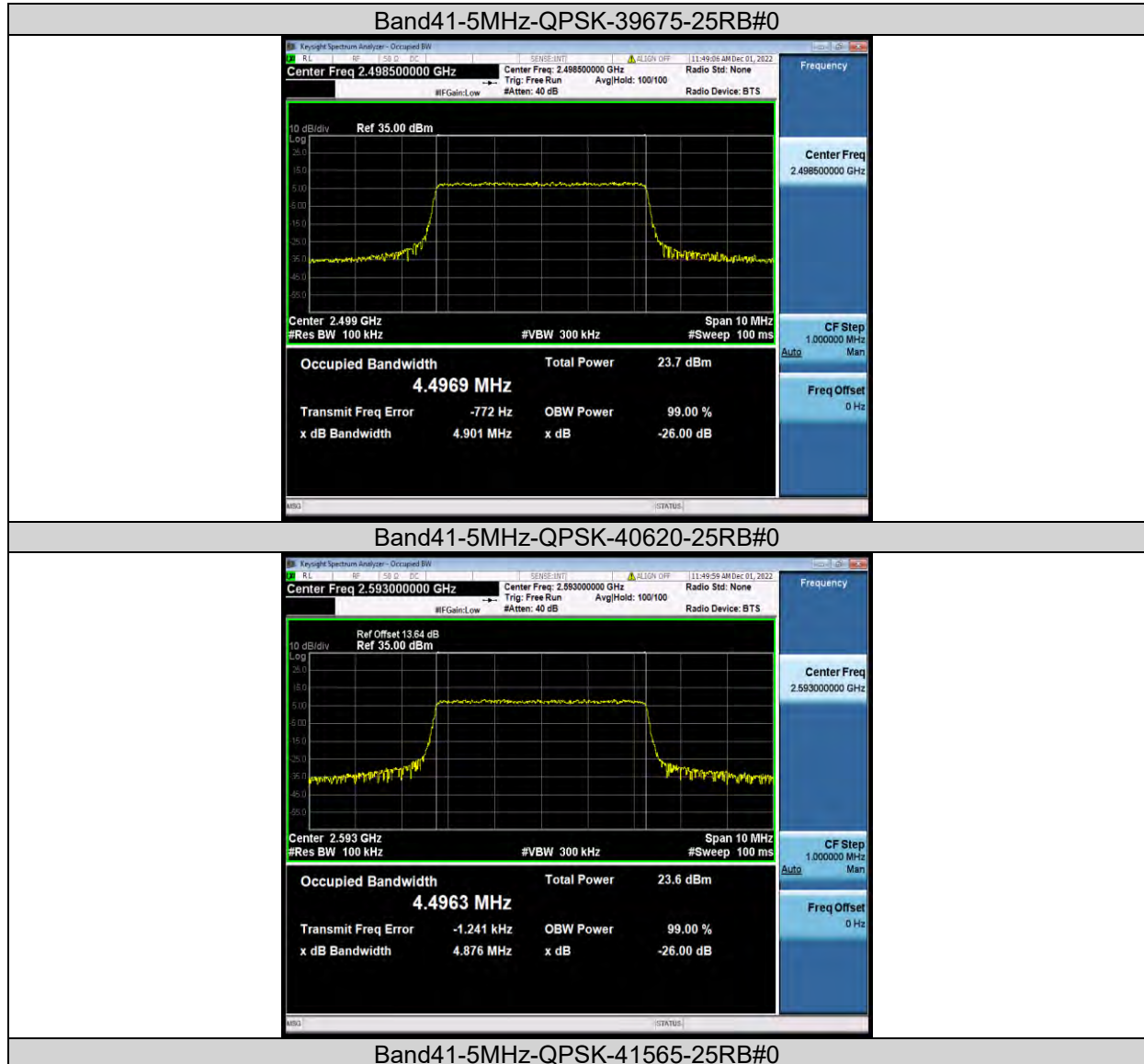
Test Report No.: W7L-P22110036RF07

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4969	4.901	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4963	4.876	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4846	4.751	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4944	4.823	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5002	4.831	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4985	4.824	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.5013	4.841	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.4892	4.834	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.4883	4.845	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9787	9.495	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9755	9.498	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9808	9.509	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9794	9.532	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9844	9.515	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9606	9.522	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9659	9.501	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9778	9.512	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9664	9.532	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.464	14.28	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.459	14.25	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.477	14.27	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.464	14.28	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.453	14.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.465	14.30	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.455	14.25	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.465	14.27	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.467	14.26	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.951	19.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.915	18.98	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.967	18.97	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.953	18.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.942	18.95	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.944	18.97	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.961	18.96	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.964	18.98	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.970	18.96	PASS

Test Graphs





BUREAU VERITAS

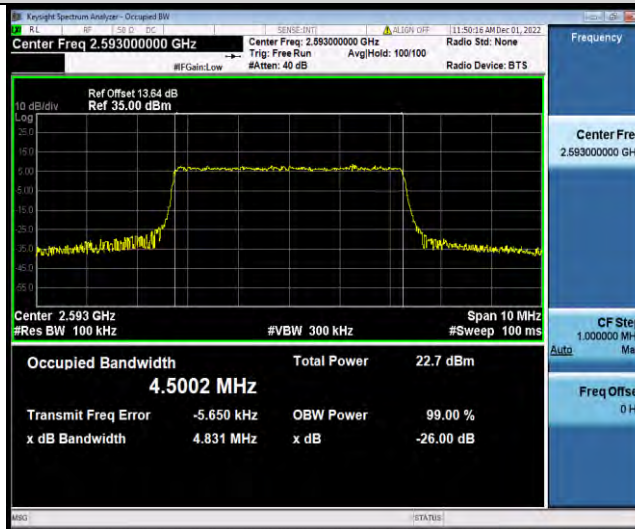
Test Report No.: W7L-P22110036RF07



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



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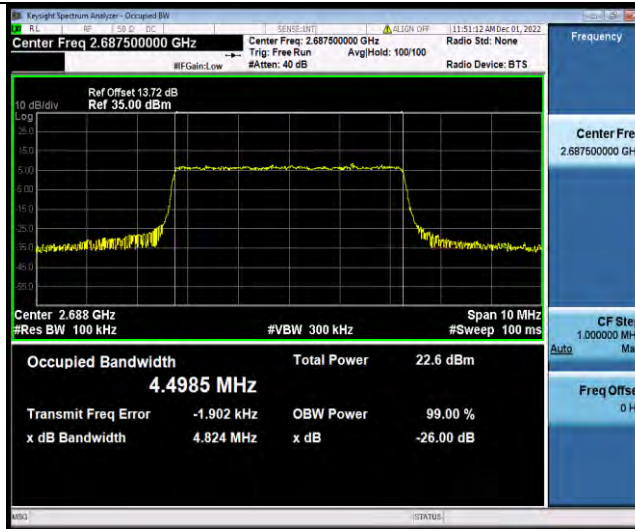


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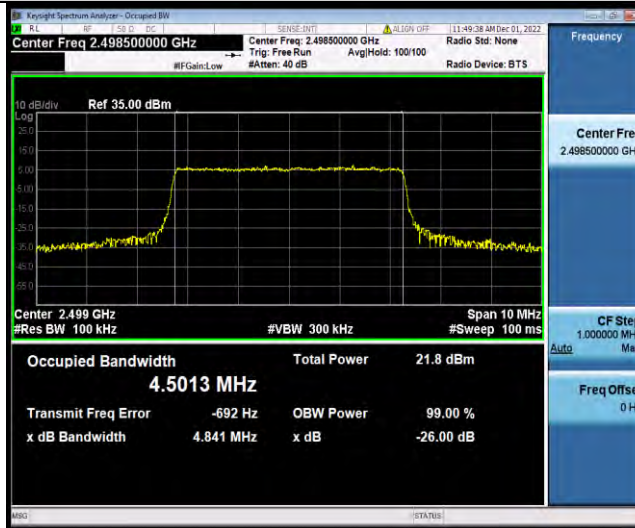


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



Band41-5MHz-64QAM-40620-25RB#0

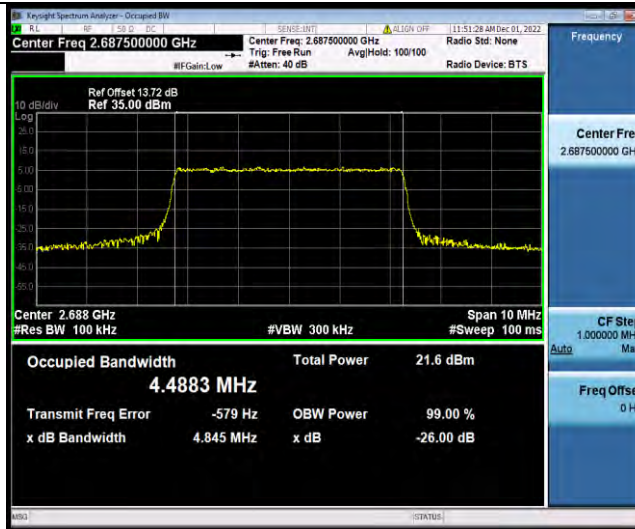


Band41-5MHz-64QAM-41565-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



Band41-10MHz-QPSK-40620-50RB#0

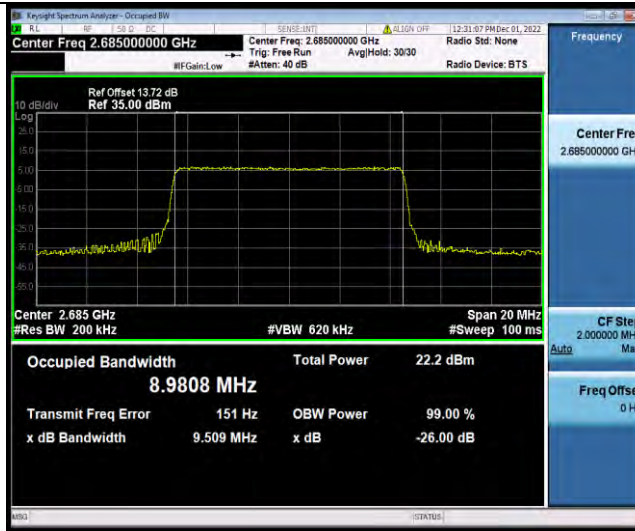


Band41-10MHz-QPSK-41540-50RB#0



BUREAU VERITAS

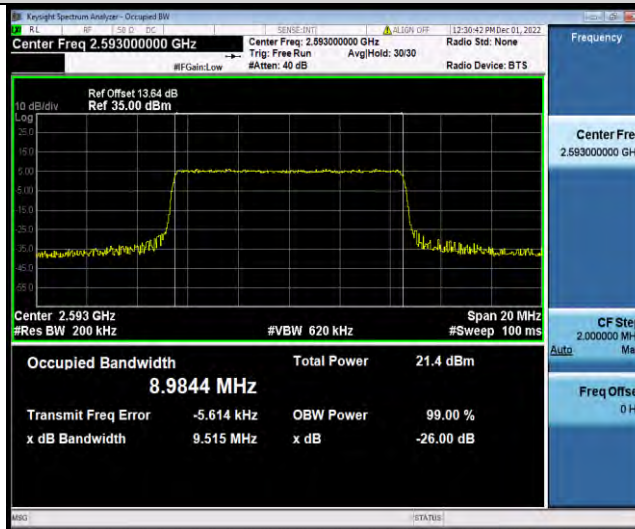
Test Report No.: W7L-P22110036RF07



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



Band41-10MHz-16QAM-40620-50RB#0



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

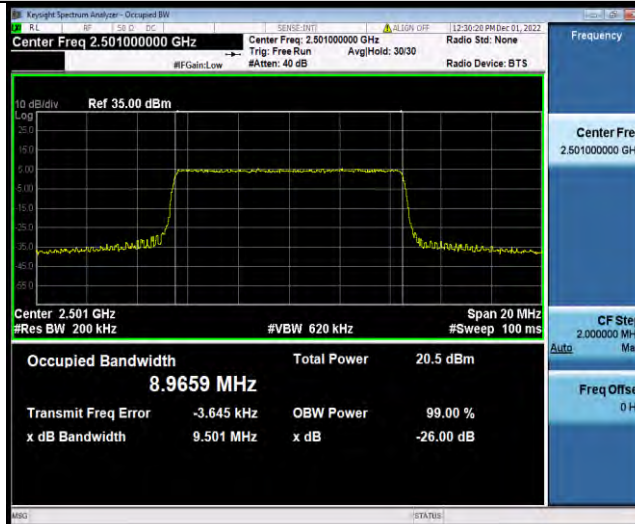


BUREAU VERITAS

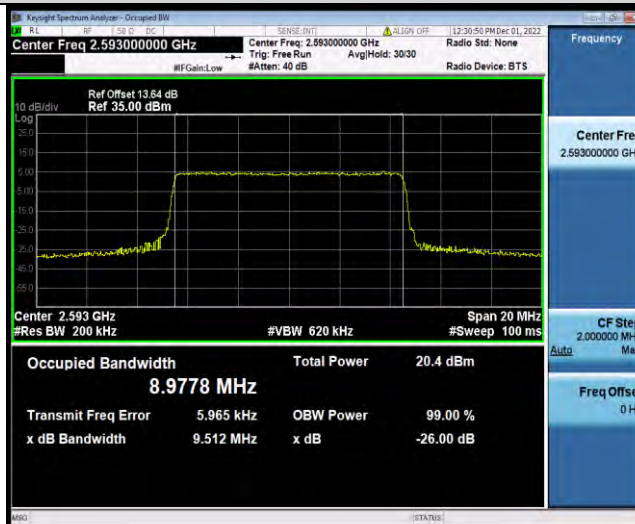
Test Report No.: W7L-P22110036RF07



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



Band41-10MHz-64QAM-40620-50RB#0



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



BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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



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



BUREAU VERITAS

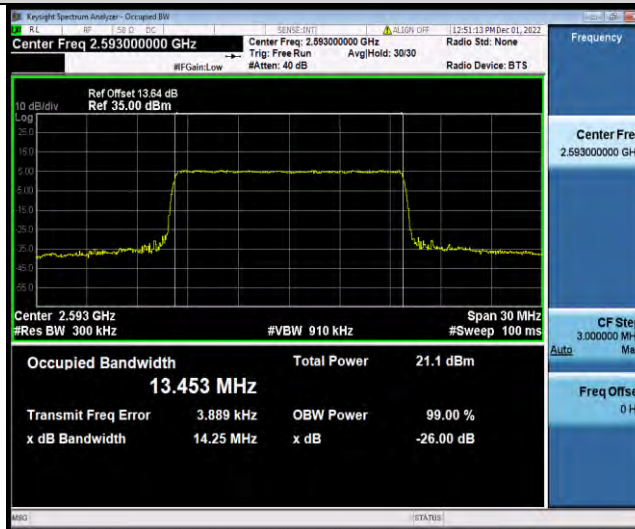
Test Report No.: W7L-P22110036RF07



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



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



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



BUREAU VERITAS

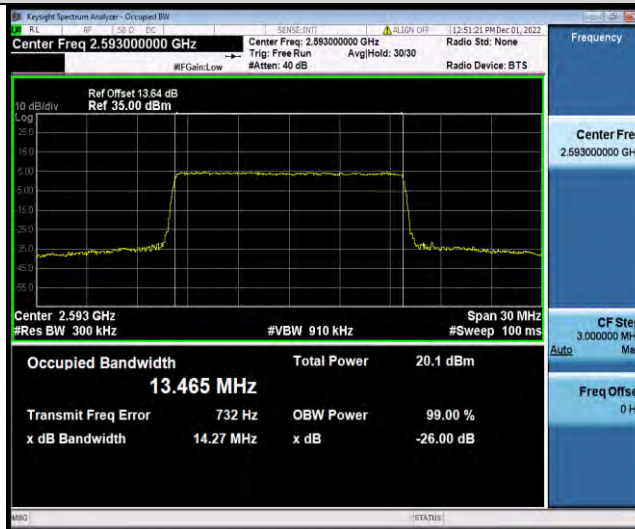
Test Report No.: W7L-P22110036RF07



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



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



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



BUREAU VERITAS

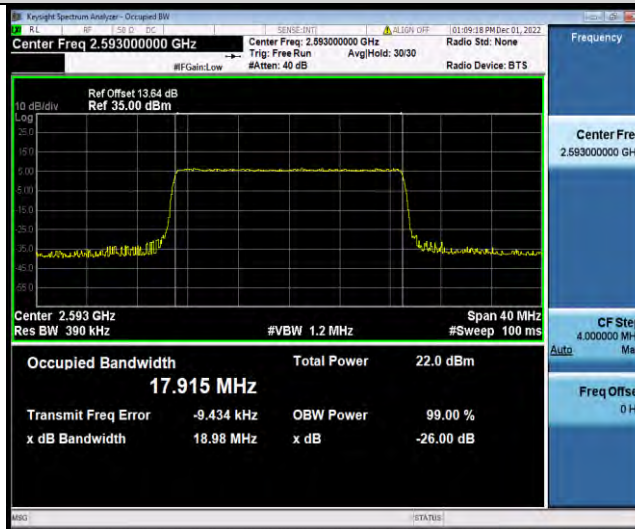
Test Report No.: W7L-P22110036RF07



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



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

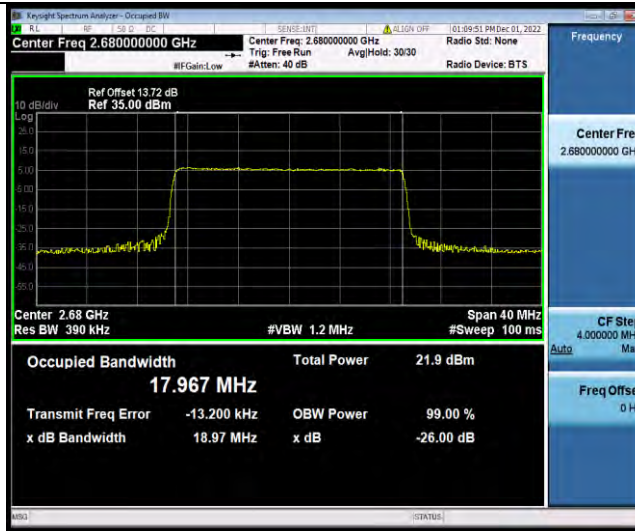


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BUREAU VERITAS

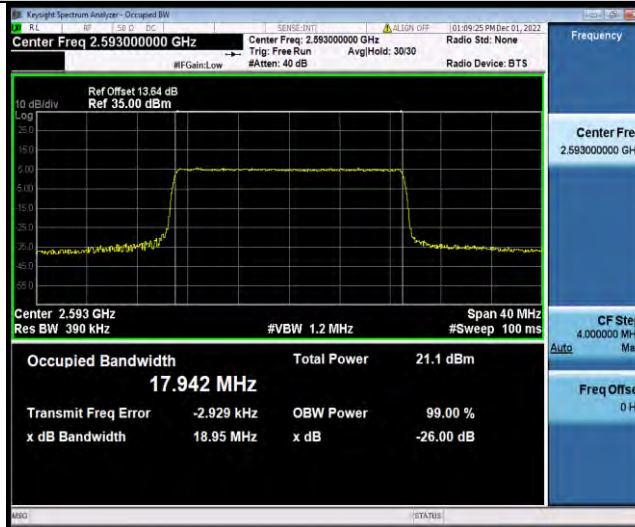
Test Report No.: W7L-P22110036RF07



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



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



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



BUREAU VERITAS

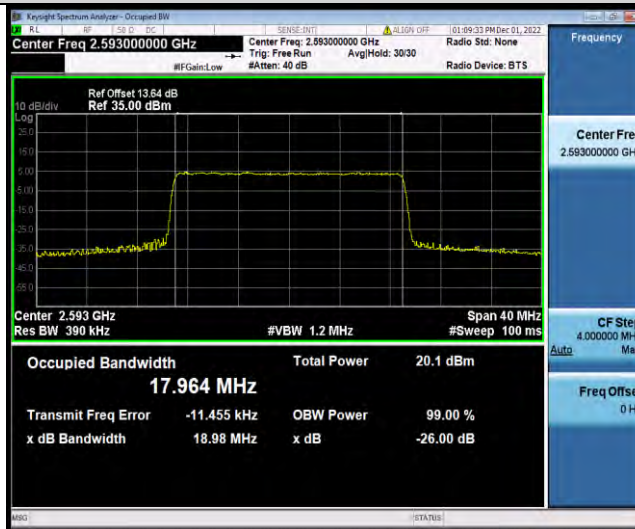
Test Report No.: W7L-P22110036RF07



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P22110036RF07





Test Report No.: W7L-P22110036RF07

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-41.71,-31.61,-18.97	PASS
Band41	5MHz	QPSK	39675	25RB#0	-41.56,-34.12,-25.60	PASS
Band41	5MHz	QPSK	41565	1RB#24	-14.44,-29.00,-39.35,-39.84	PASS
Band41	5MHz	QPSK	41565	25RB#0	-26.53,-33.19,-39.02,-40.32	PASS
Band41	5MHz	16QAM	39675	1RB#0	-41.58,-30.11,-16.34	PASS
Band41	5MHz	16QAM	39675	25RB#0	-39.99,-31.33,-25.62	PASS
Band41	5MHz	16QAM	41565	1RB#24	-14.58,-28.21,-39.36,-39.51	PASS
Band41	5MHz	16QAM	41565	25RB#0	-24.12,-31.42,-38.98,-39.64	PASS
Band41	5MHz	64QAM	39675	1RB#0	-41.55,-31.91,-15.72	PASS
Band41	5MHz	64QAM	39675	25RB#0	-41.65,-33.62,-25.49	PASS
Band41	5MHz	64QAM	41565	1RB#24	-17.93,-30.66,-39.99,-40.81	PASS
Band41	5MHz	64QAM	41565	25RB#0	-25.51,-32.36,-39.84,-40.20	PASS
Band41	10MHz	QPSK	39700	1RB#0	-40.06,-25.65,-18.41	PASS
Band41	10MHz	QPSK	39700	50RB#0	-39.85,-31.68,-25.82	PASS
Band41	10MHz	QPSK	41540	1RB#49	-17.61,-26.57,-36.85,-39.18	PASS
Band41	10MHz	QPSK	41540	50RB#0	-28.30,-31.68,-34.20,-39.11	PASS
Band41	10MHz	16QAM	39700	1RB#0	-38.74,-24.74,-15.33	PASS
Band41	10MHz	16QAM	39700	50RB#0	-40.46,-34.33,-29.61	PASS
Band41	10MHz	16QAM	41540	1RB#49	-19.39,-27.49,-35.96,-41.90	PASS
Band41	10MHz	16QAM	41540	50RB#0	-28.55,-31.57,-35.28,-42.07	PASS
Band41	10MHz	64QAM	39700	1RB#0	-41.00,-28.58,-18.39	PASS
Band41	10MHz	64QAM	39700	50RB#0	-40.48,-31.71,-29.11	PASS
Band41	10MHz	64QAM	41540	1RB#49	-21.55,-29.62,-37.52,-39.62	PASS
Band41	10MHz	64QAM	41540	50RB#0	-28.57,-32.19,-35.16,-39.12	PASS
Band41	15MHz	QPSK	39725	1RB#0	-40.57,-24.46,-16.69	PASS
Band41	15MHz	QPSK	39725	75RB#0	-39.89,-33.12,-28.37	PASS
Band41	15MHz	QPSK	41515	1RB#74	-18.06,-24.77,-33.65,-38.64	PASS
Band41	15MHz	QPSK	41515	75RB#0	-29.22,-33.81,-33.79,-37.34	PASS
Band41	15MHz	16QAM	39725	1RB#0	-39.68,-23.65,-15.43	PASS
Band41	15MHz	16QAM	39725	75RB#0	-40.23,-33.34,-30.70	PASS
Band41	15MHz	16QAM	41515	1RB#74	-18.90,-23.13,-32.51,-37.93	PASS
Band41	15MHz	16QAM	41515	75RB#0	-30.03,-32.41,-34.25,-37.12	PASS
Band41	15MHz	64QAM	39725	1RB#0	-40.68,-27.11,-20.25	PASS
Band41	15MHz	64QAM	39725	75RB#0	-40.15,-33.58,-31.24	PASS
Band41	15MHz	64QAM	41515	1RB#74	-22.20,-27.58,-35.74,-39.78	PASS
Band41	15MHz	64QAM	41515	75RB#0	-28.68,-32.62,-33.92,-38.40	PASS
Band41	20MHz	QPSK	39750	1RB#0	-40.00,-24.34,-17.37	PASS
Band41	20MHz	QPSK	39750	100RB#0	-39.50,-30.91,-27.79	PASS
Band41	20MHz	QPSK	41490	1RB#99	-19.05,-24.65,-32.37,-38.06	PASS
Band41	20MHz	QPSK	41490	100RB#0	-29.64,-31.51,-33.79,-38.31	PASS
Band41	20MHz	16QAM	39750	1RB#0	-39.70,-24.68,-18.33	PASS
Band41	20MHz	16QAM	39750	100RB#0	-39.42,-33.46,-31.52	PASS
Band41	20MHz	16QAM	41490	1RB#99	-18.51,-23.89,-31.91,-38.40	PASS
Band41	20MHz	16QAM	41490	100RB#0	-30.56,-31.91,-33.95,-37.93	PASS

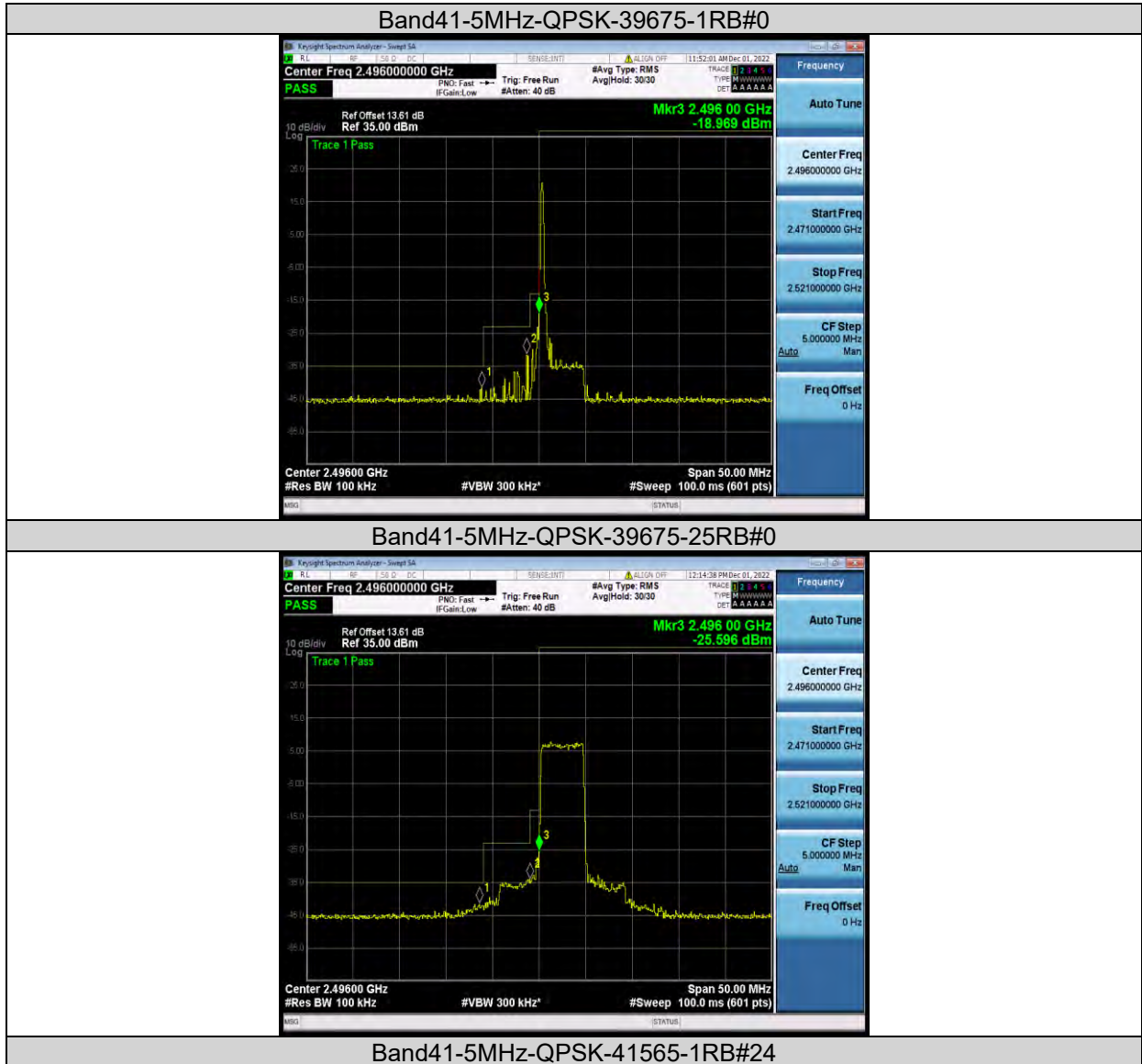


**BUREAU
VERITAS**

Test Report No.: W7L-P22110036RF07

Band41	20MHz	64QAM	39750	1RB#0	-39.89,-24.95,-20.40	PASS
Band41	20MHz	64QAM	39750	100RB#0	-39.88,-33.21,-31.10	PASS
Band41	20MHz	64QAM	41490	1RB#99	-19.81,-25.21,-33.77,-38.93	PASS
Band41	20MHz	64QAM	41490	100RB#0	-29.29,-32.02,-33.11,-38.46	PASS

Test Graphs





BUREAU VERITAS

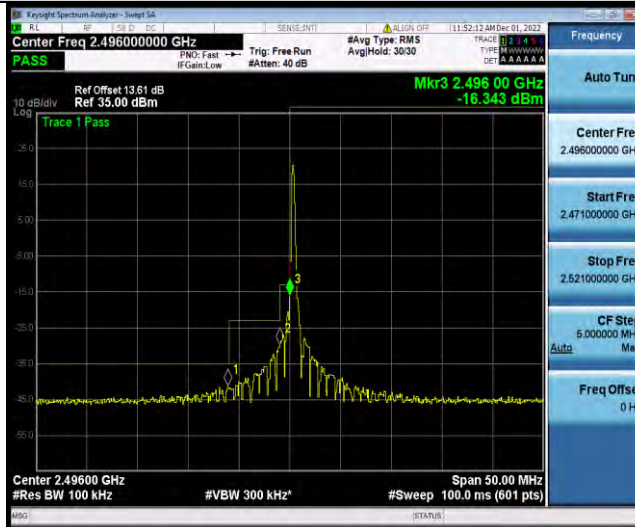
Test Report No.: W7L-P22110036RF07



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



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

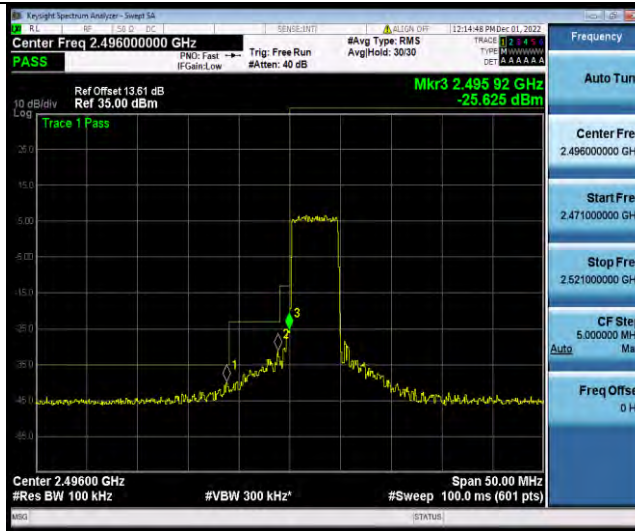


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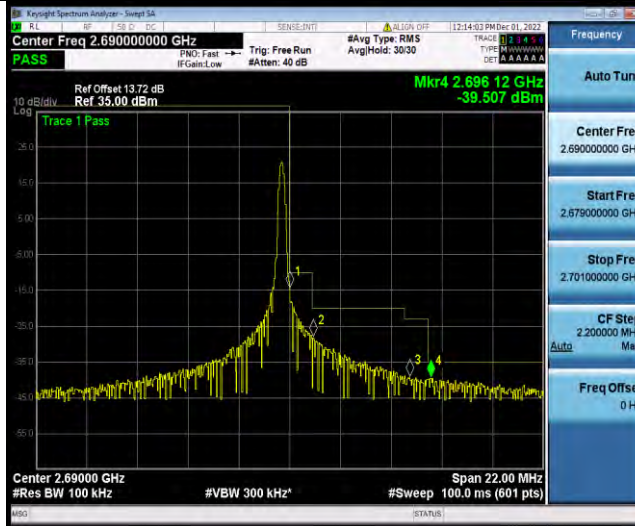


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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

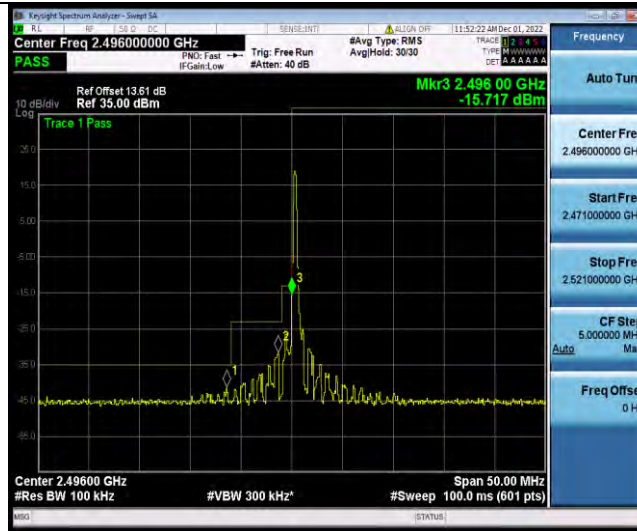


Band41-5MHz-64QAM-39675-1RB#0

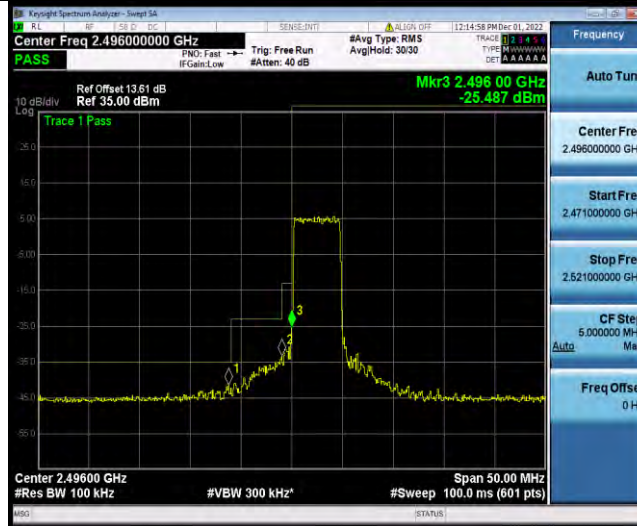


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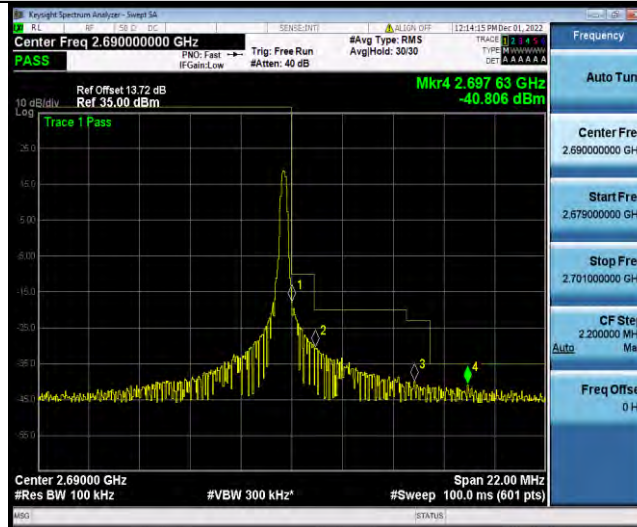
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Band41-5MHz-64QAM-39675-25RB#0



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



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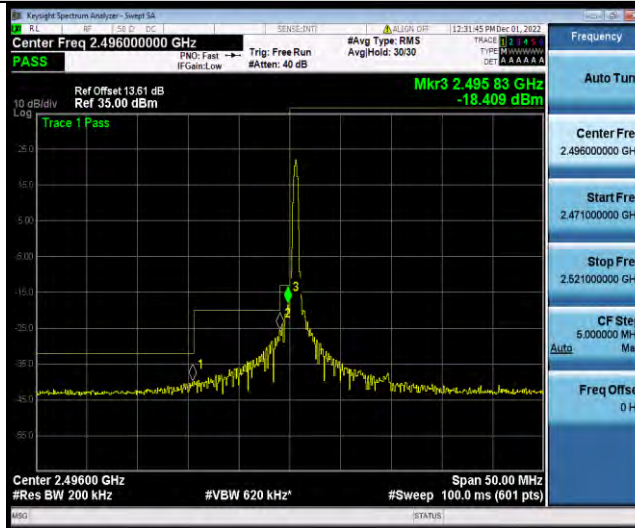


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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

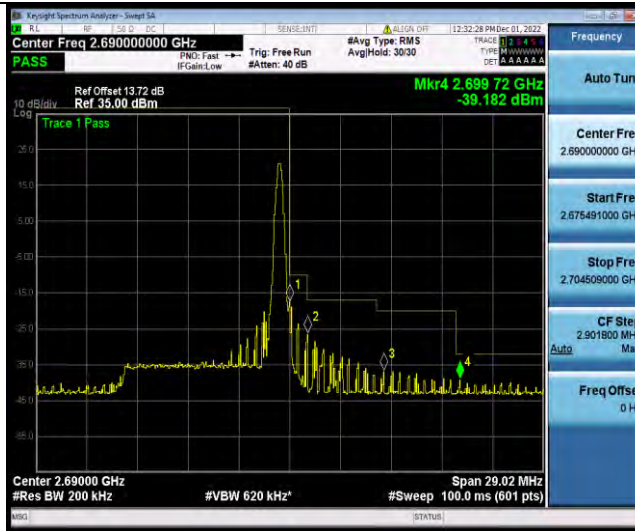


Band41-10MHz-QPSK-41540-1RB#49



BUREAU VERITAS

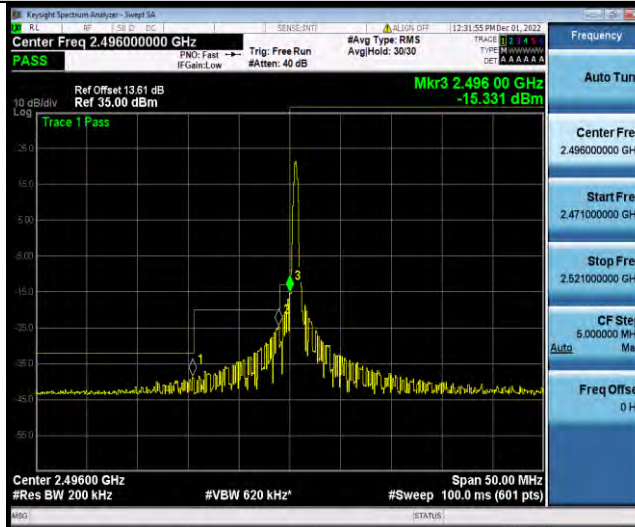
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Band41-10MHz-QPSK-41540-50RB#0



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

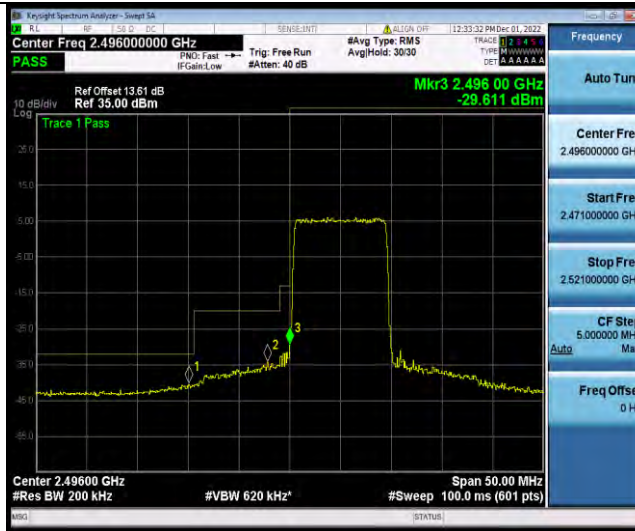


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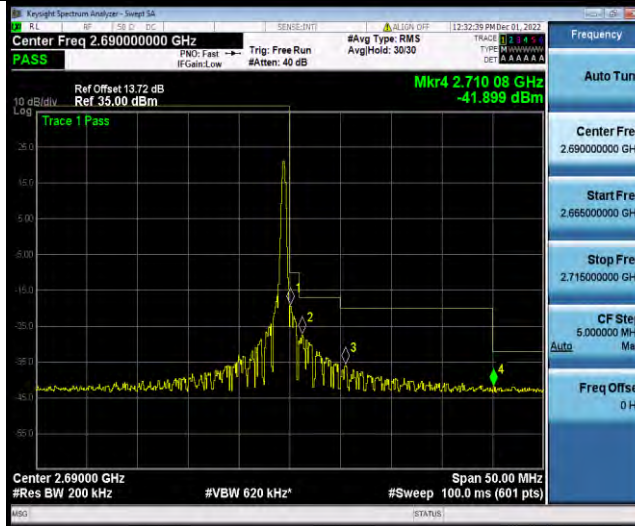


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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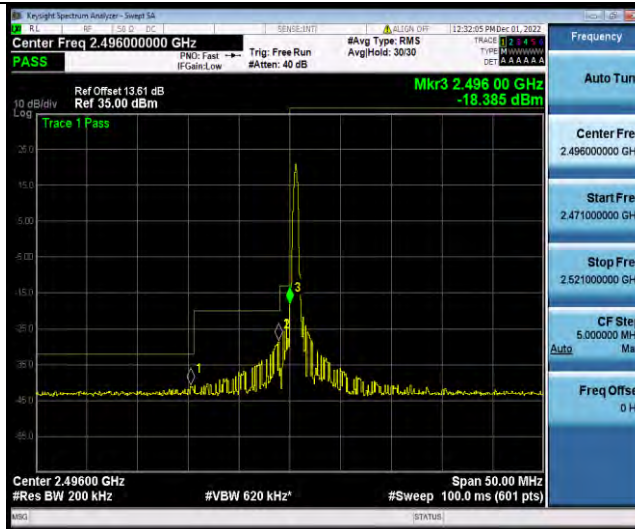


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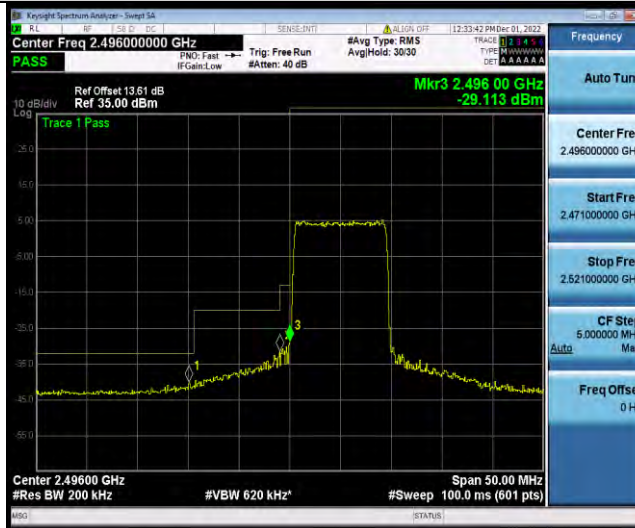


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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



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

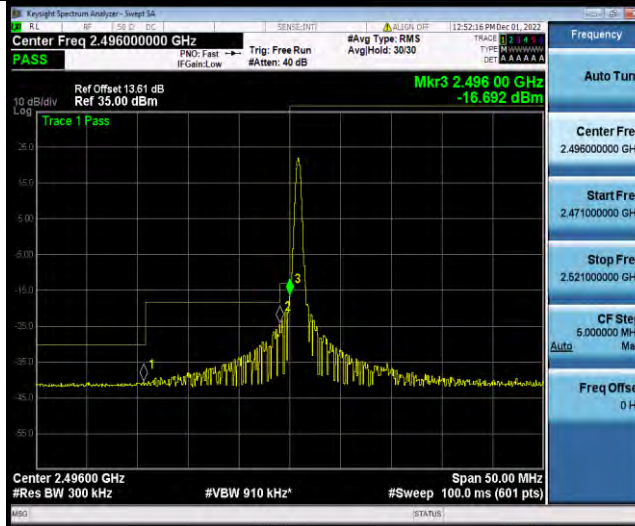


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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

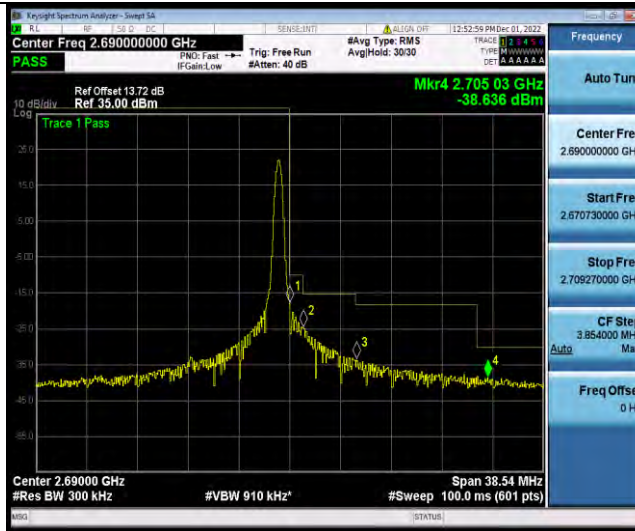


Band41-15MHz-QPSK-41515-1RB#74



BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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



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

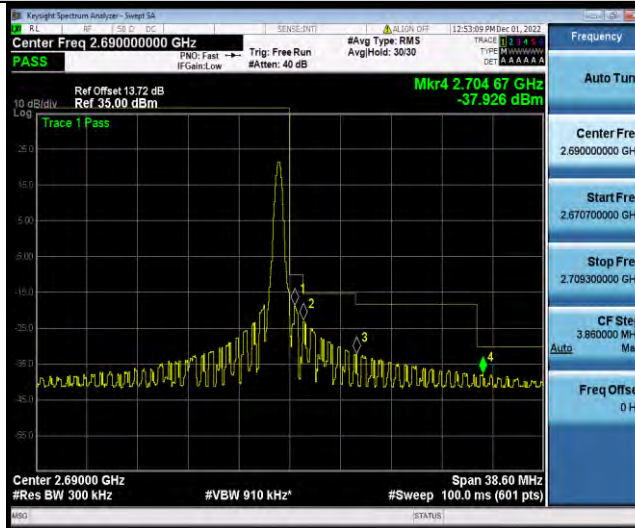


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



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



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

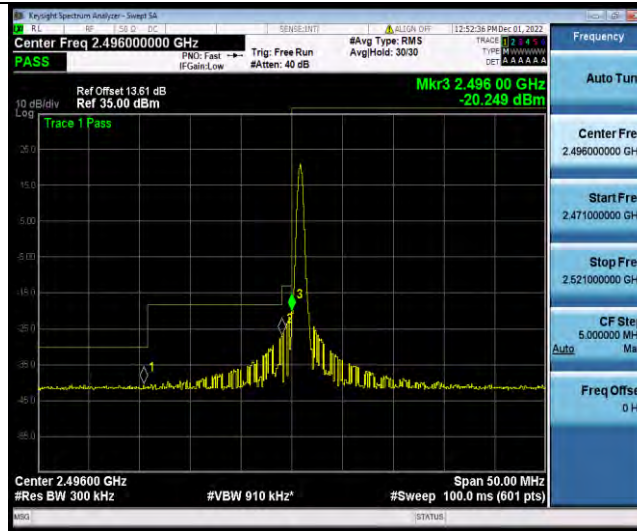


Band41-15MHz-64QAM-39725-1RB#0



BUREAU VERITAS

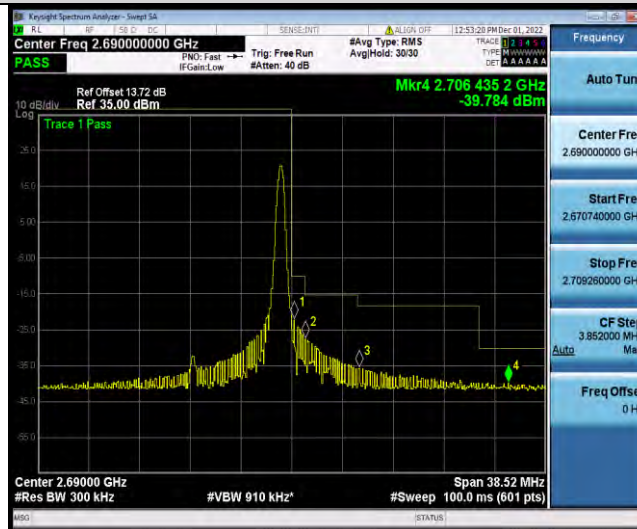
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Band41-15MHz-64QAM-39725-75RB#0



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



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