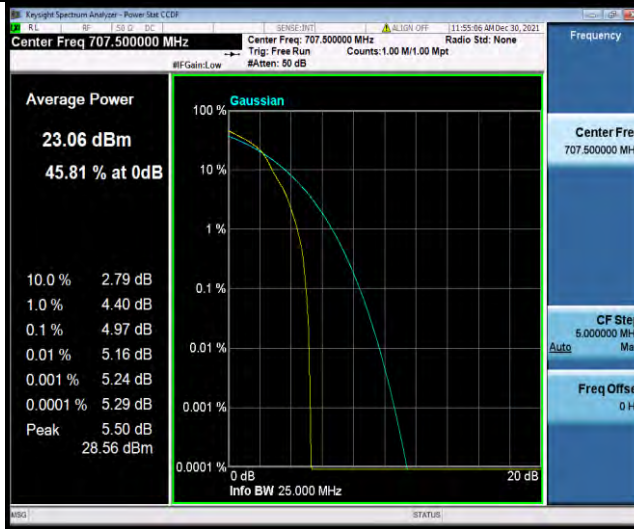


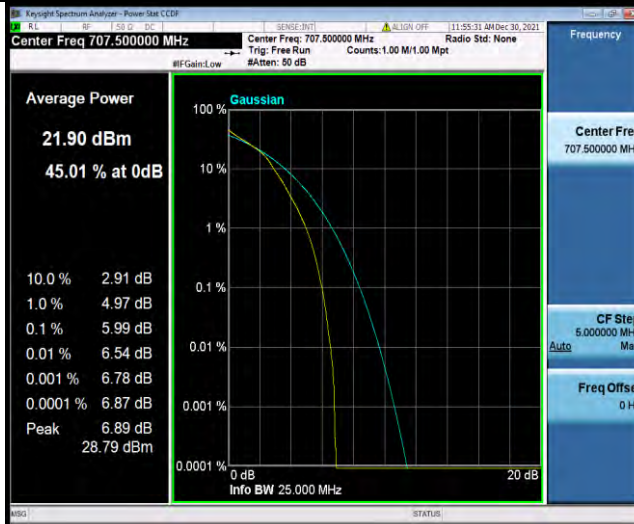


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



Band12-10MHz-16QAM-23130-1RB#0



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

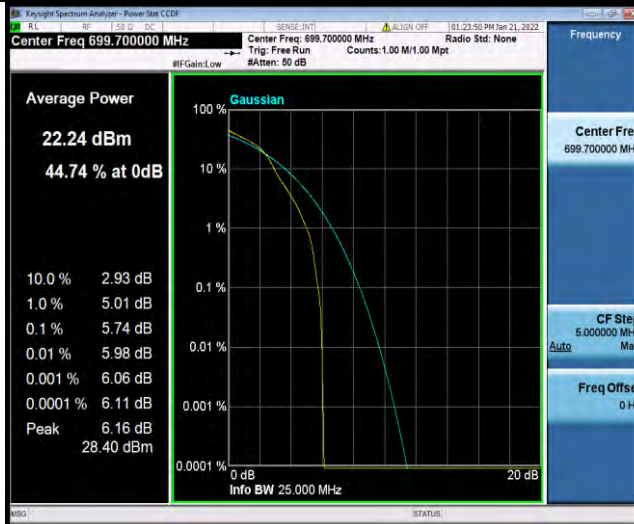


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

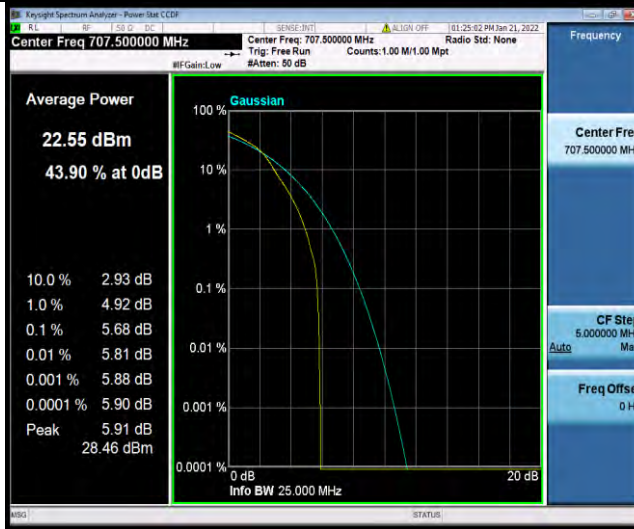


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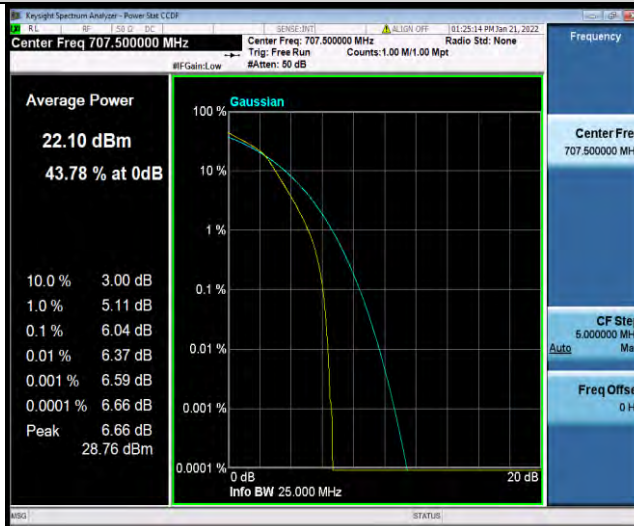


BUREAU VERITAS

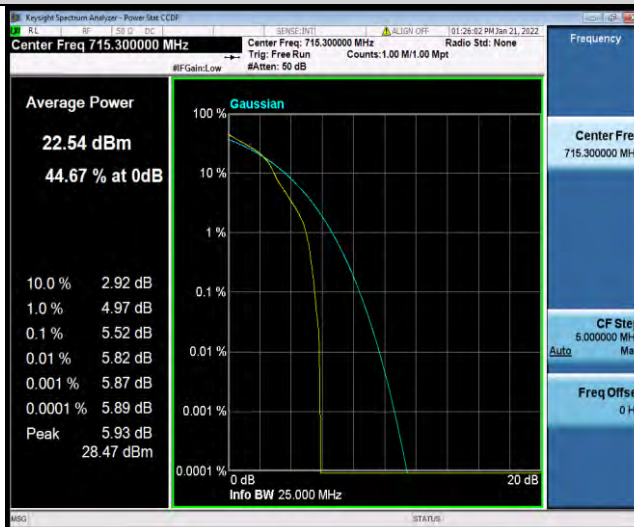
Test Report No.: W7L-P21120037RF05



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



Band12-1.4MHz-64QAM-23173-1RB#0

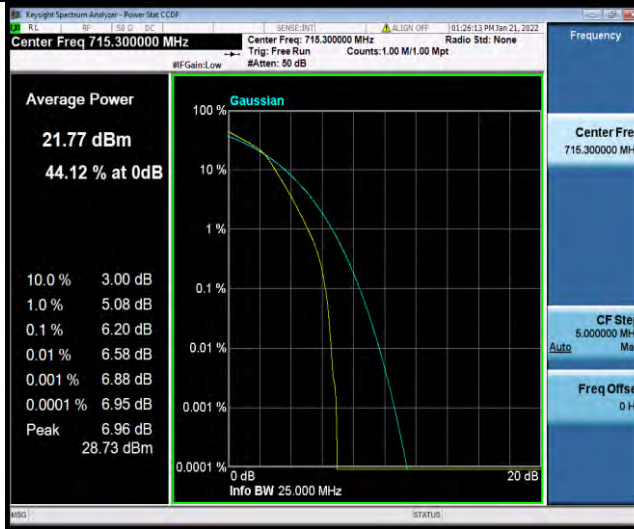


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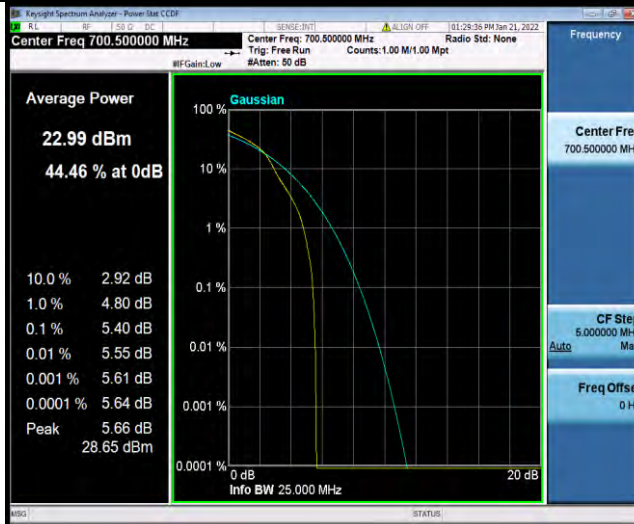


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

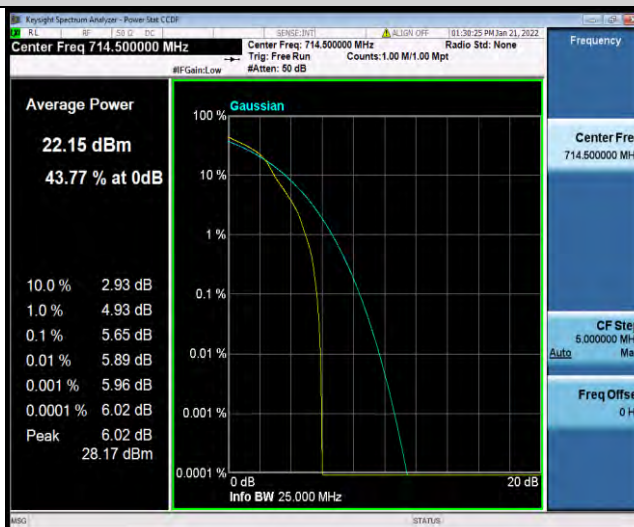
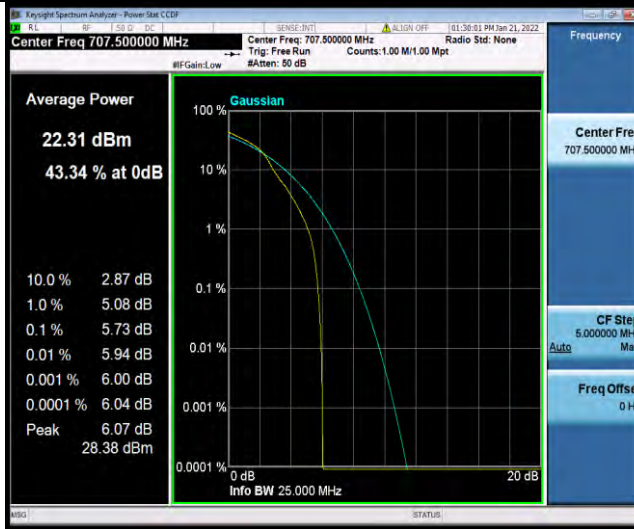


Band12-3MHz-64QAM-23095-1RB#0



BUREAU VERITAS

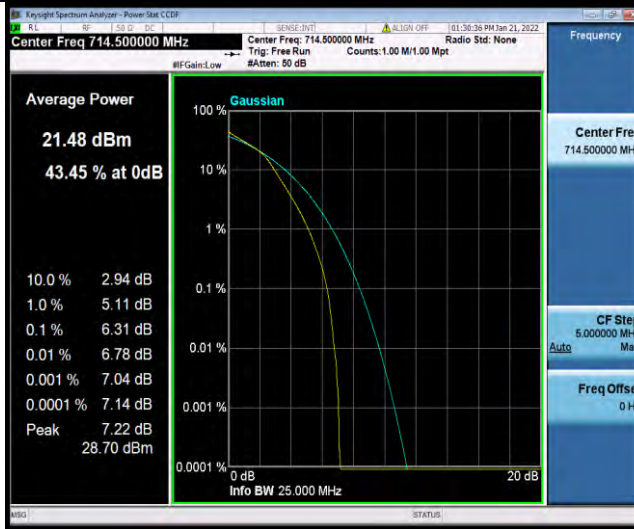
Test Report No.: W7L-P21120037RF05



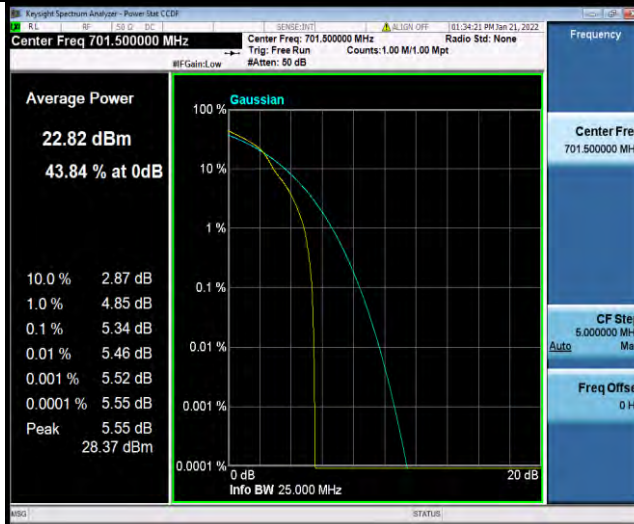


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

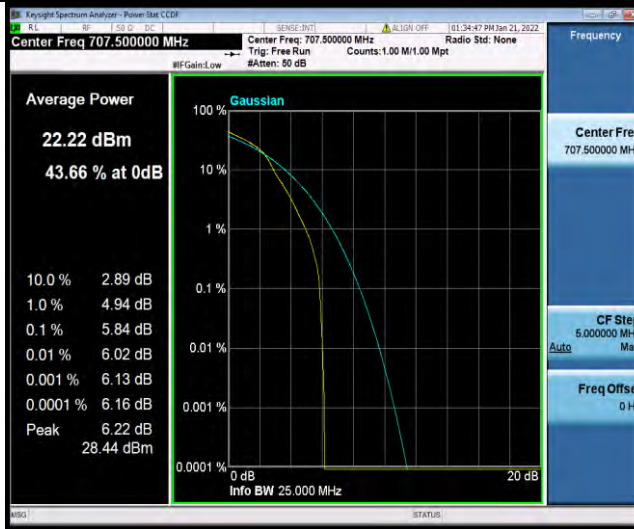


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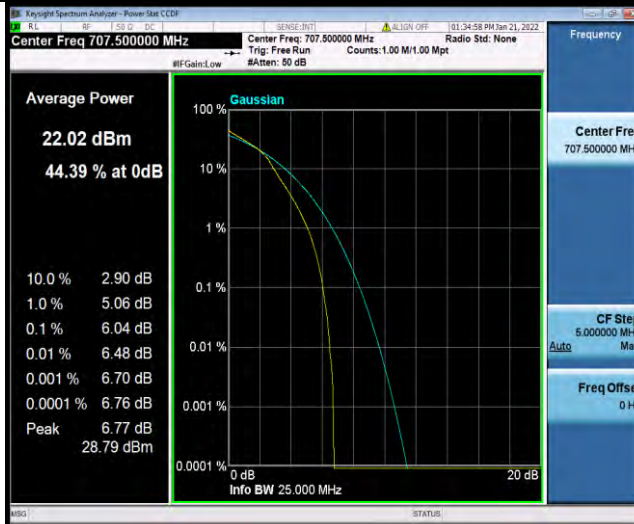


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



Band12-5MHz-64QAM-23155-1RB#0



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

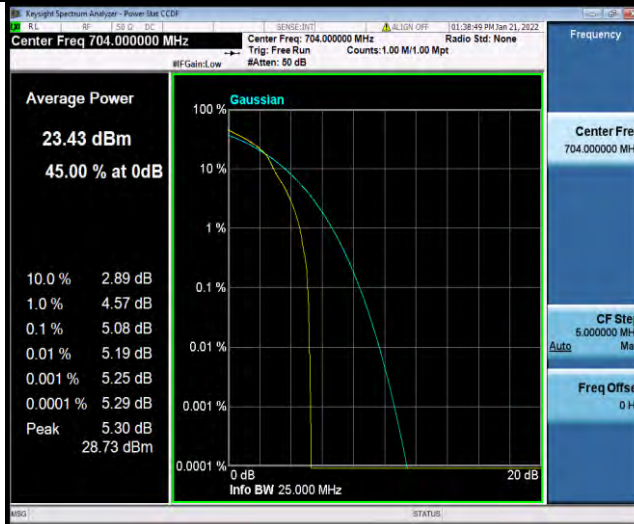


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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

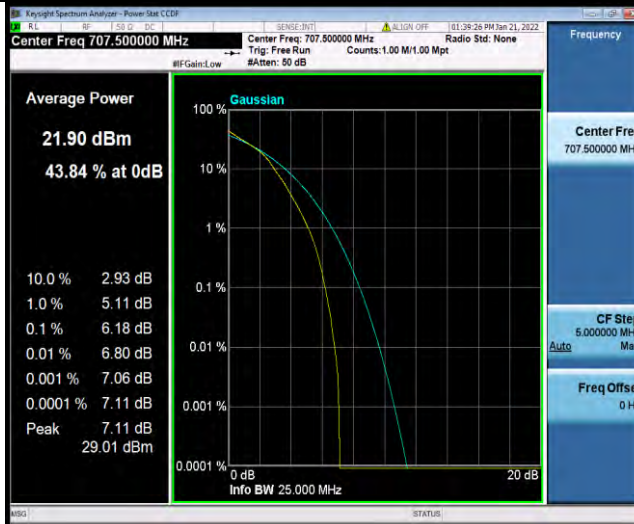


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

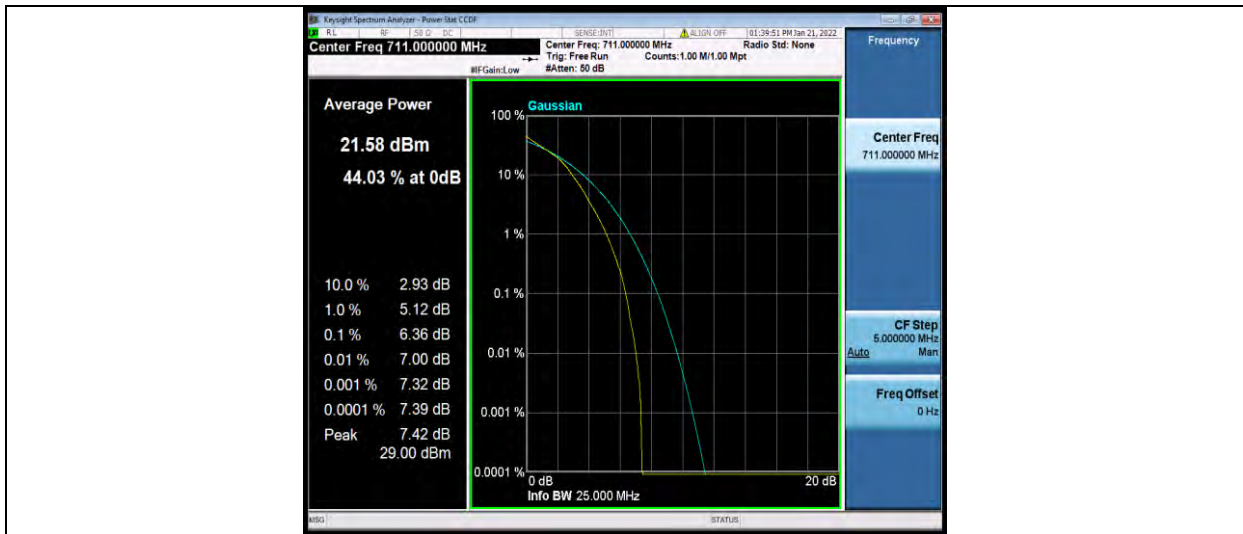


Band12-10MHz-64QAM-23130-50RB#0



BUREAU
VERITAS

Test Report No.: W7L-P21120037RF05





Test Report No.: W7L-P21120037RF05

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	1.0893	1.232	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0913	1.227	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0898	1.232	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0885	1.228	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0882	1.224	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0895	1.228	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6939	2.932	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6998	2.982	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7011	2.956	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6881	2.975	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6963	2.983	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6952	2.961	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4974	4.880	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4943	4.892	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5014	4.881	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4986	4.877	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4932	4.887	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5022	4.871	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9795	9.555	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9832	9.584	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9765	9.556	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9647	9.563	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9814	9.604	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9788	9.552	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0879	1.224	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0906	1.233	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0886	1.223	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6917	2.962	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6971	3.003	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6951	2.964	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5021	4.877	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4974	4.909	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5043	4.870	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9677	9.604	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9799	9.604	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9699	9.586	PASS

Test Graphs





BUREAU VERITAS

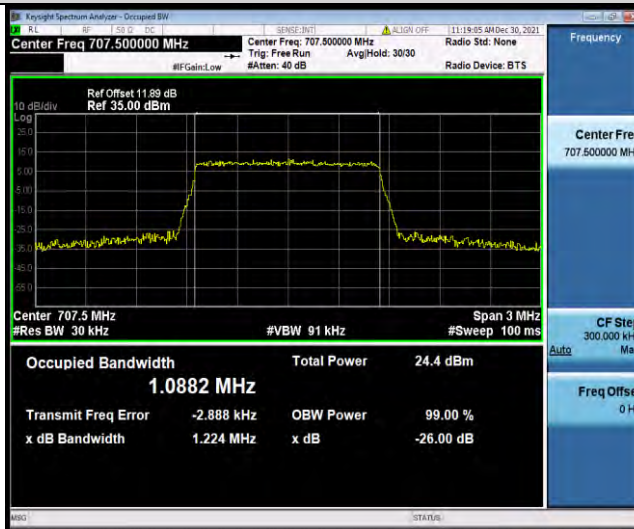
Test Report No.: W7L-P21120037RF05



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



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



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



BUREAU VERITAS

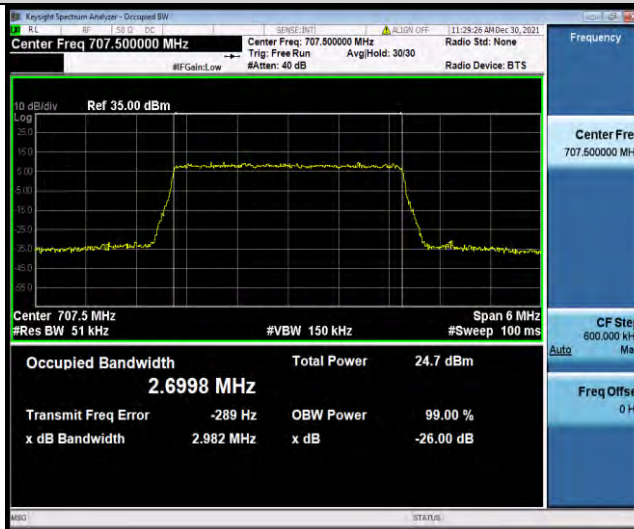
Test Report No.: W7L-P21120037RF05



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



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

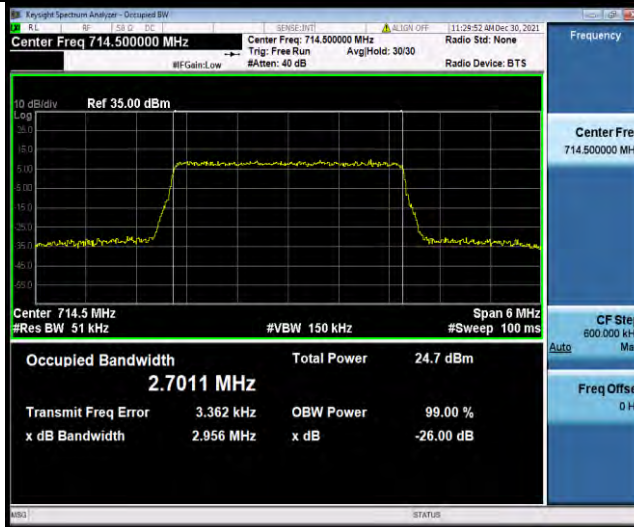


Band12-3MHz-QPSK-23165-15RB#0



BUREAU VERITAS

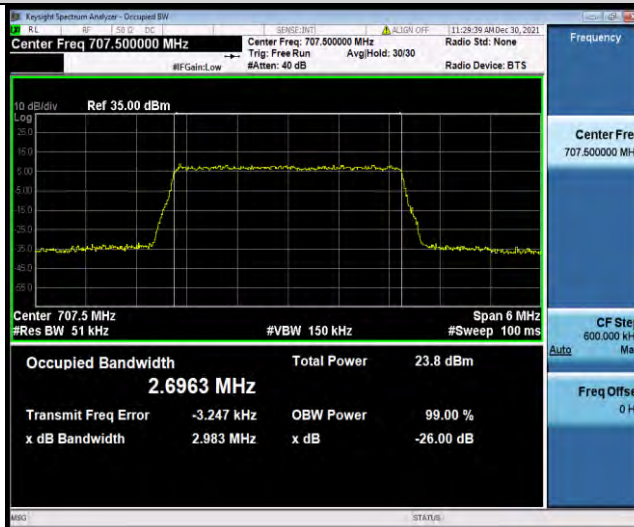
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Band12-3MHz-16QAM-23025-15RB#0



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

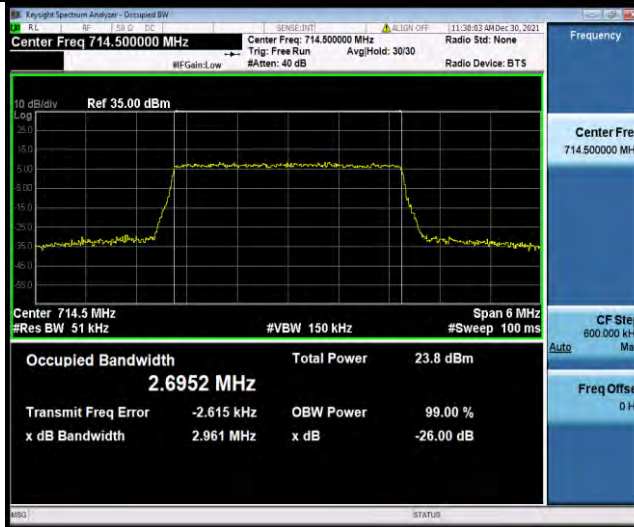


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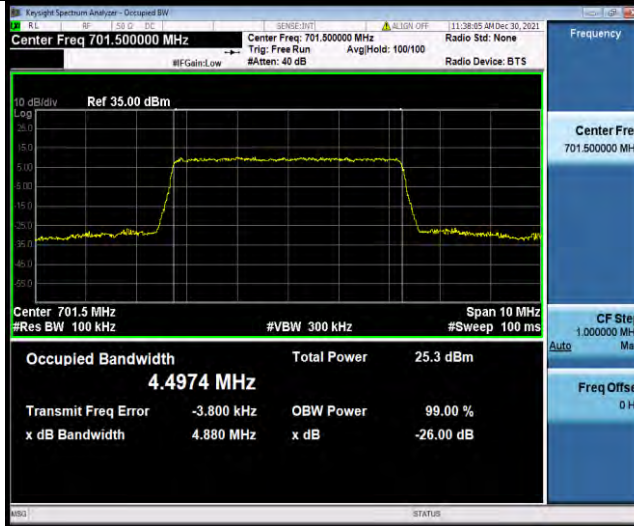


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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

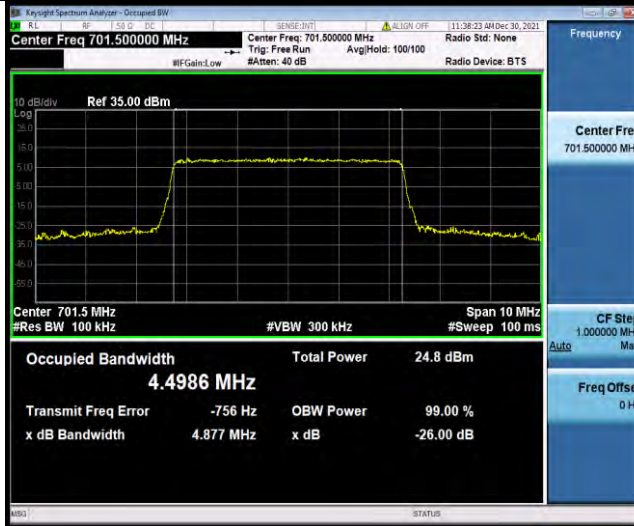


BUREAU VERITAS

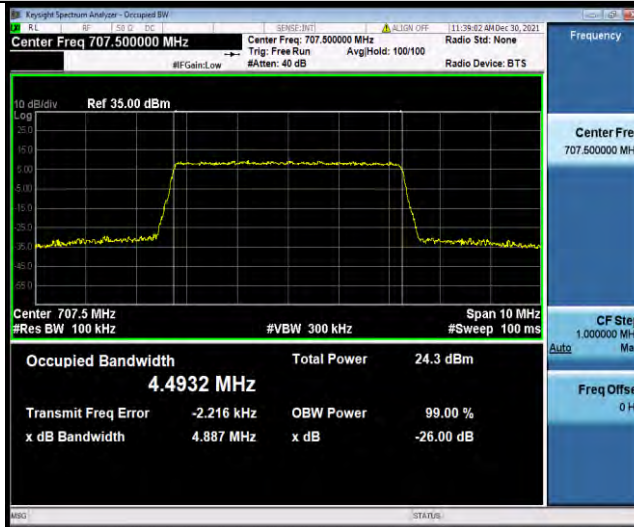
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Band12-5MHz-16QAM-23035-25RB#0



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



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



BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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

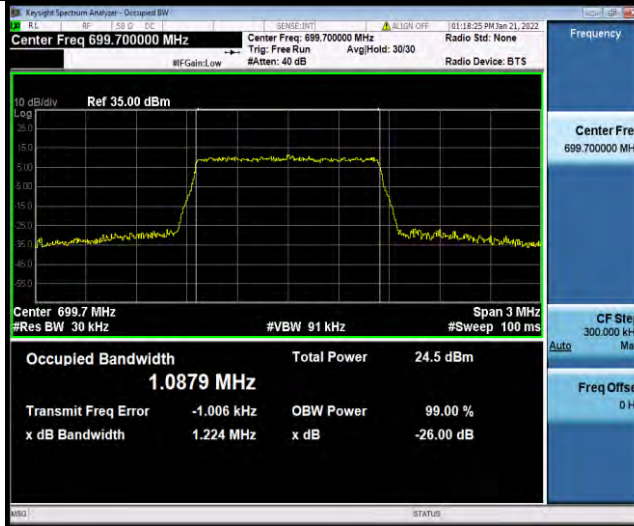


BUREAU
VERITAS

Test Report No.: W7L-P21120037RF05



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



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

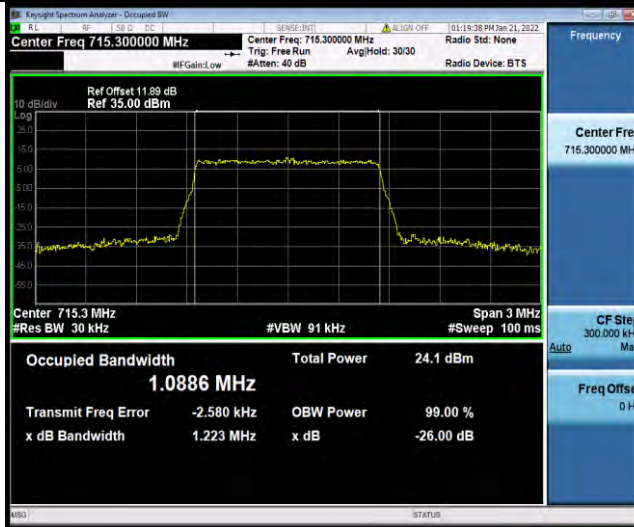


Band12-1.4MHz-64QAM-23173-6RB#0



BUREAU VERITAS

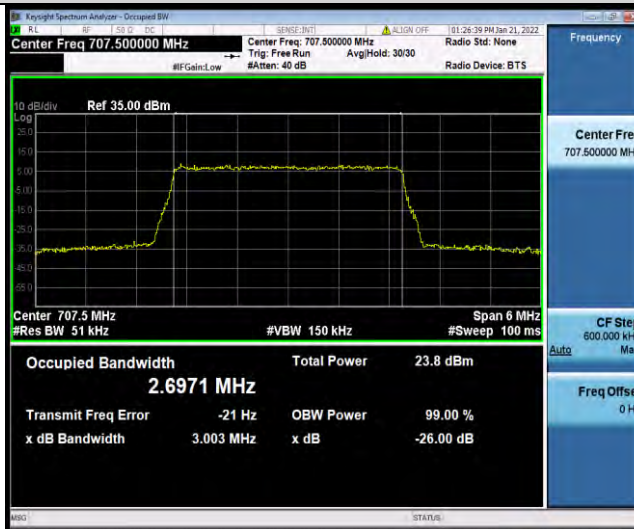
Test Report No.: W7L-P21120037RF05



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



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

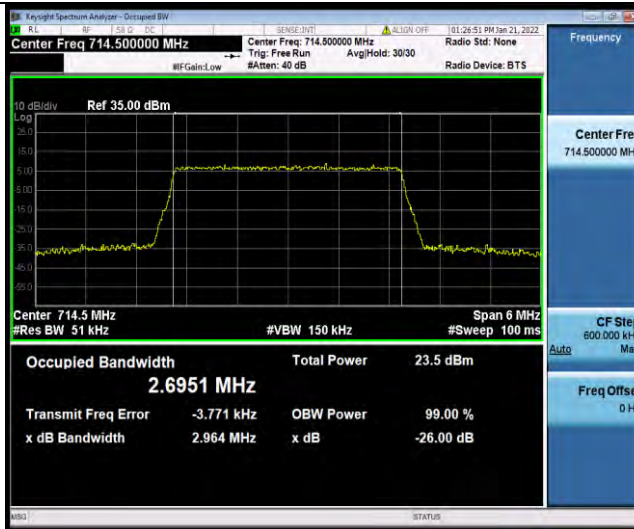


Band12-3MHz-64QAM-23165-15RB#0



BUREAU VERITAS

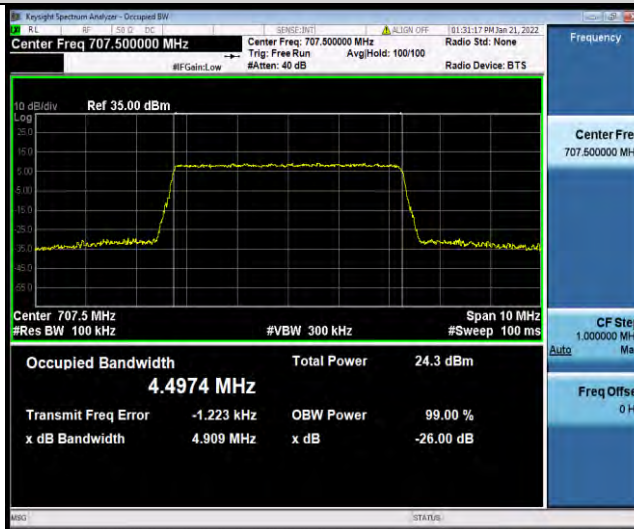
Test Report No.: W7L-P21120037RF05



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P21120037RF05





BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-32.76,-22.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.02,-28.03	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.47,-33.32	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-30.51,-30.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-31.94,-24.01	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.64,-29.13	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-27.16,-36.73	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.93,-29.83	PASS
Band12	3MHz	QPSK	23025	1RB#0	-34.16,-19.26	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.63,-20.94	PASS
Band12	3MHz	QPSK	23165	1RB#14	-18.73,-34.80	PASS
Band12	3MHz	QPSK	23165	15RB#0	-22.21,-32.66	PASS
Band12	3MHz	16QAM	23025	1RB#0	-35.52,-19.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.70,-22.39	PASS
Band12	3MHz	16QAM	23165	1RB#14	-20.66,-38.70	PASS
Band12	3MHz	16QAM	23165	15RB#0	-23.22,-34.37	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.45	PASS
Band12	5MHz	QPSK	23035	25RB#0	-25.39	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.10	PASS
Band12	5MHz	QPSK	23155	25RB#0	-27.08	PASS
Band12	5MHz	16QAM	23035	1RB#0	-15.76	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.79	PASS
Band12	5MHz	16QAM	23155	1RB#24	-15.73	PASS
Band12	5MHz	16QAM	23155	25RB#0	-27.71	PASS
Band12	10MHz	QPSK	23060	1RB#0	-23.54,-17.37	PASS
Band12	10MHz	QPSK	23060	50RB#0	-30.74,-28.11	PASS
Band12	10MHz	QPSK	23130	1RB#49	-16.44,-22.44	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.12,-31.74	PASS
Band12	10MHz	16QAM	23060	1RB#0	-24.33,-17.79	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.89,-28.78	PASS
Band12	10MHz	16QAM	23130	1RB#49	-18.25,-23.63	PASS
Band12	10MHz	16QAM	23130	50RB#0	-28.67,-31.70	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	-37.40,-28.05	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-33.48,-33.27	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-28.06,-36.04	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-34.95,-35.36	PASS
Band12	3MHz	64QAM	23025	1RB#0	-30.60,-14.03	PASS
Band12	3MHz	64QAM	23025	15RB#0	-33.57,-22.05	PASS
Band12	3MHz	64QAM	23165	1RB#14	-14.98,-32.68	PASS
Band12	3MHz	64QAM	23165	15RB#0	-23.93,-36.66	PASS
Band12	5MHz	64QAM	23035	1RB#0	-16.72	PASS
Band12	5MHz	64QAM	23035	25RB#0	-27.58	PASS
Band12	5MHz	64QAM	23155	1RB#24	-17.55	PASS
Band12	5MHz	64QAM	23155	25RB#0	-27.83	PASS

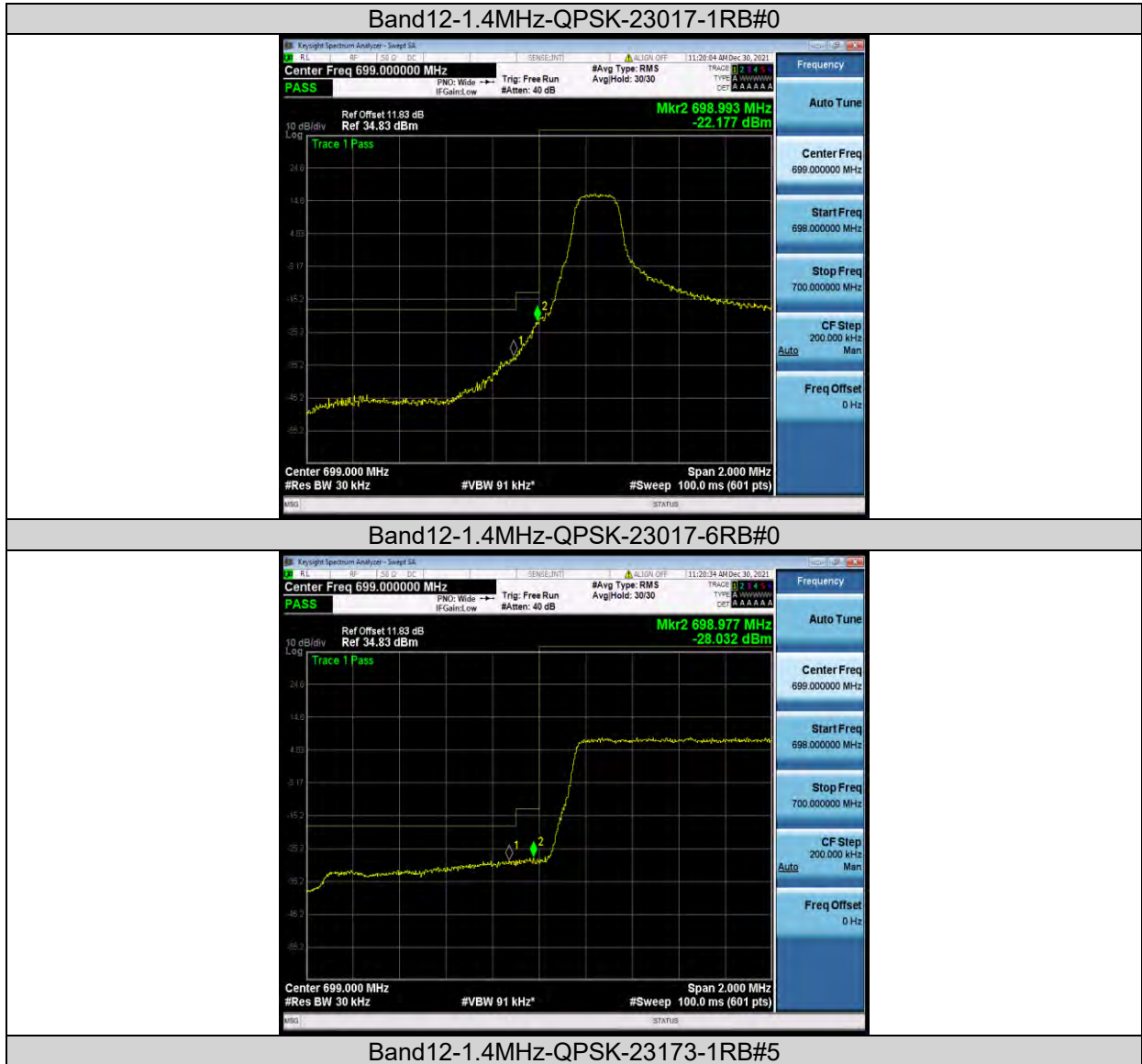


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Test Report No.: W7L-P21120037RF05

Band12	10MHz	64QAM	23060	1RB#0	-24.73,-19.22	PASS
Band12	10MHz	64QAM	23060	50RB#0	-33.75,-31.02	PASS
Band12	10MHz	64QAM	23130	1RB#49	-18.43,-24.44	PASS
Band12	10MHz	64QAM	23130	50RB#0	-30.18,-33.05	PASS

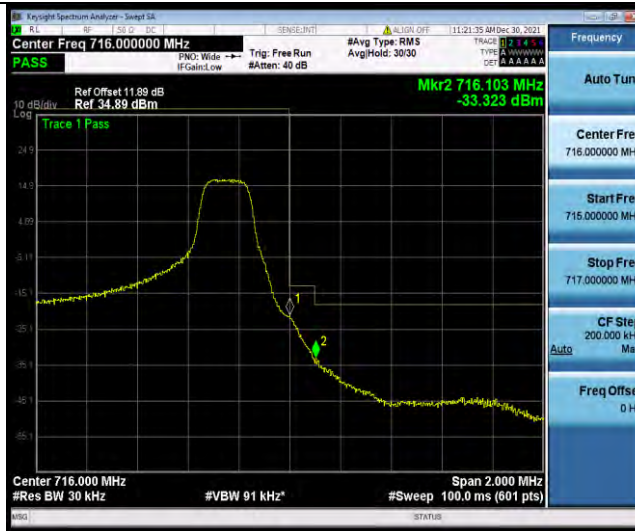
Test Graphs





BUREAU VERITAS

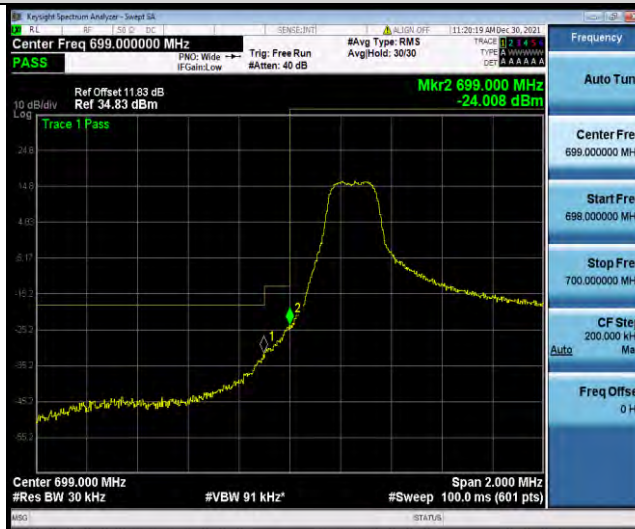
Test Report No.: W7L-P21120037RF05



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



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

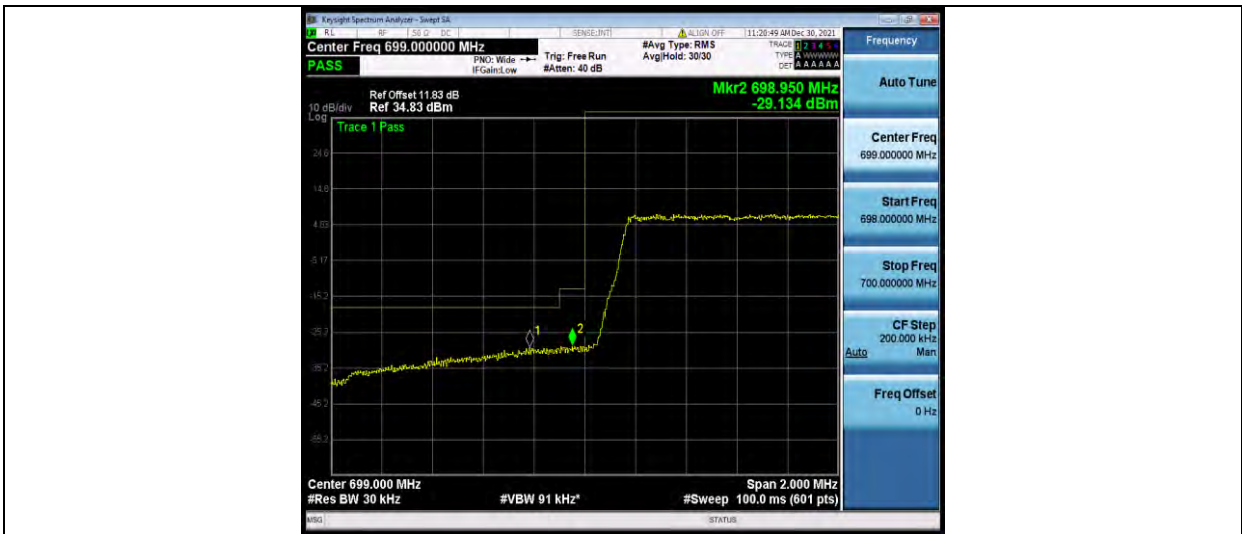


Band12-1.4MHz-16QAM-23017-6RB#0

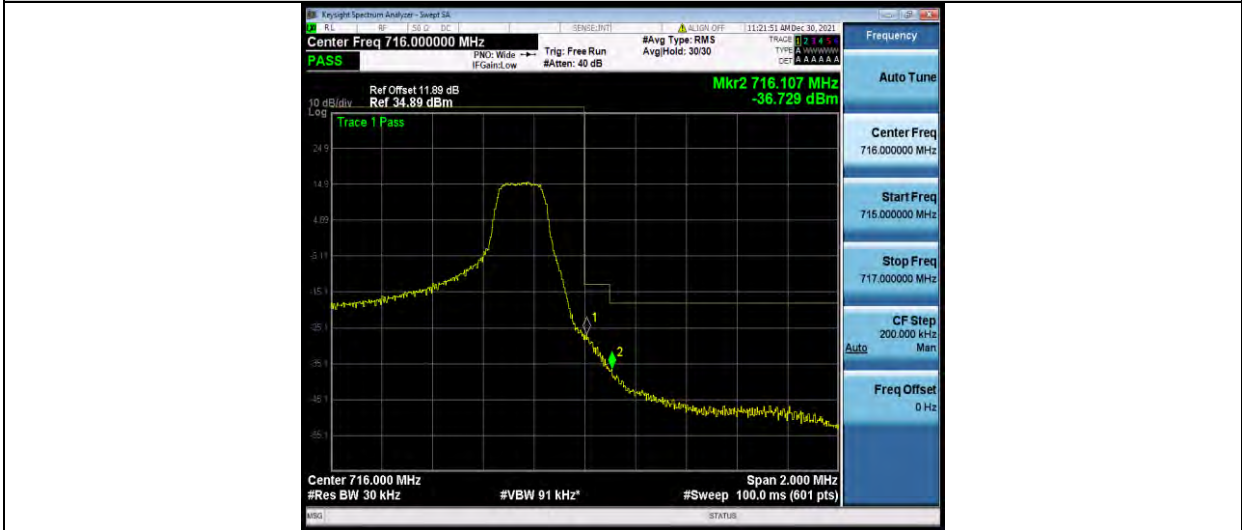


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

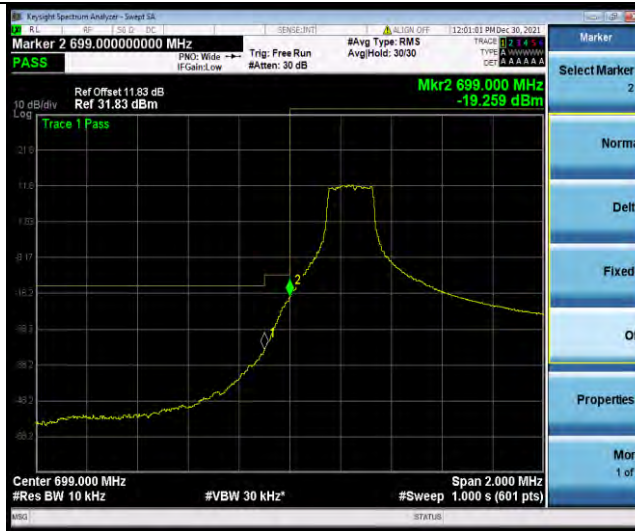


Band12-3MHz-QPSK-23025-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

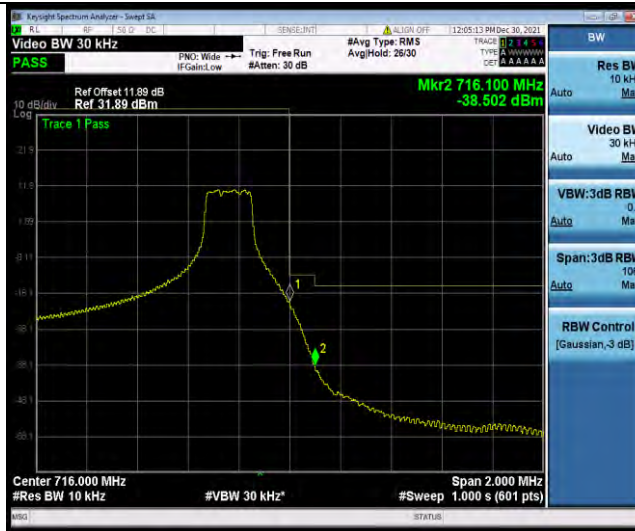


Band12-3MHz-16QAM-23165-1RB#14



BUREAU VERITAS

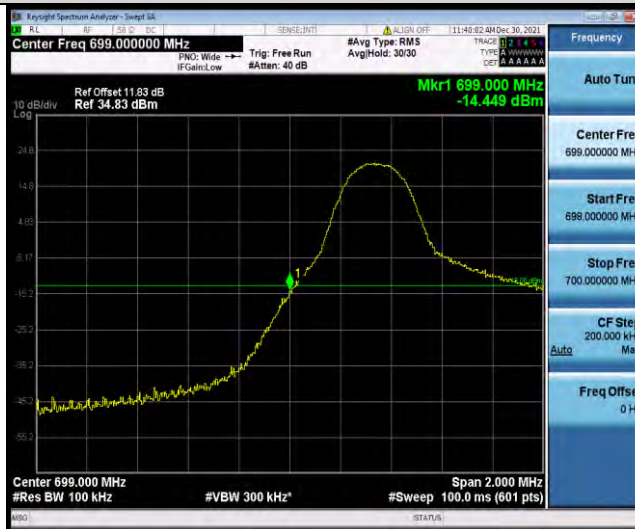
Test Report No.: W7L-P21120037RF05



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



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



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

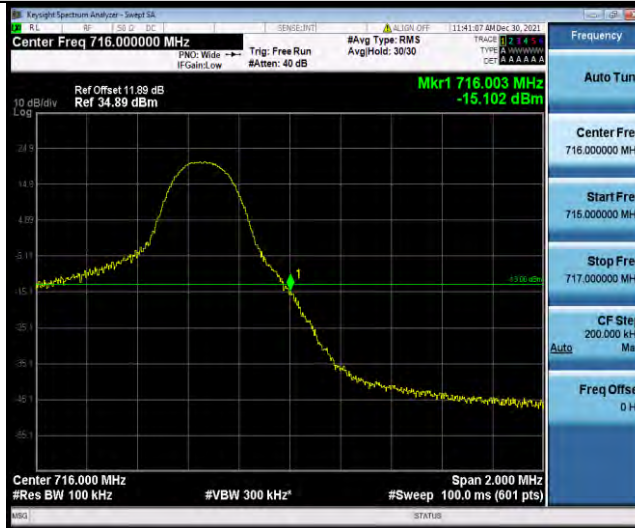


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

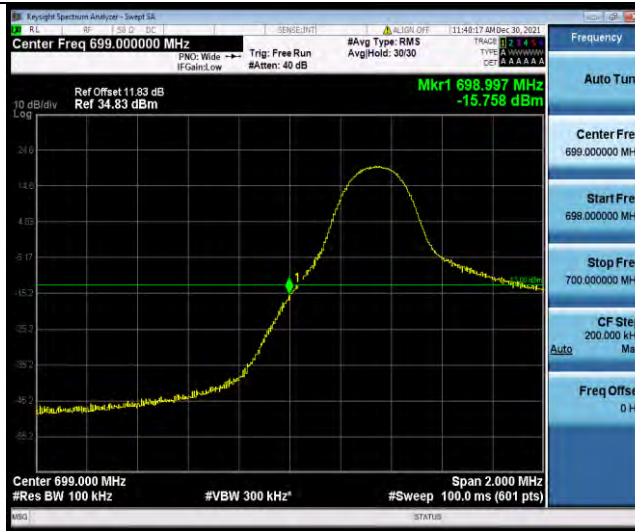


Band12-5MHz-16QAM-23035-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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