

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-6RB#0

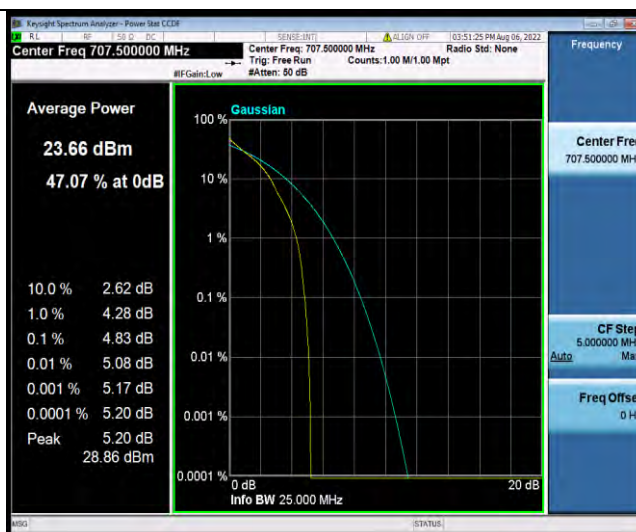


Band12-1.4MHz-QPSK-23095-1RB#0

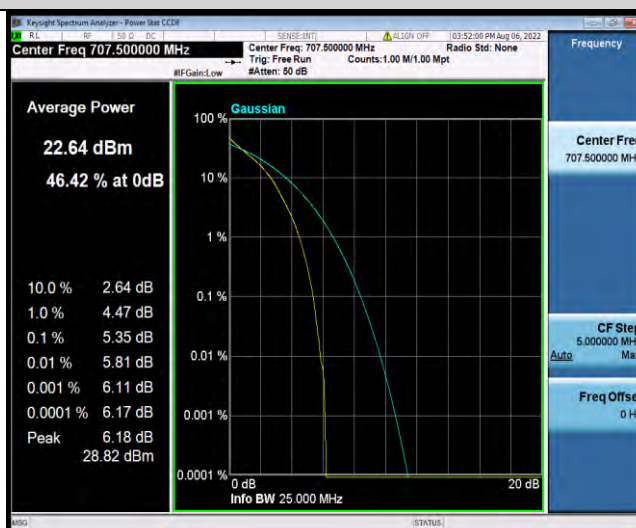


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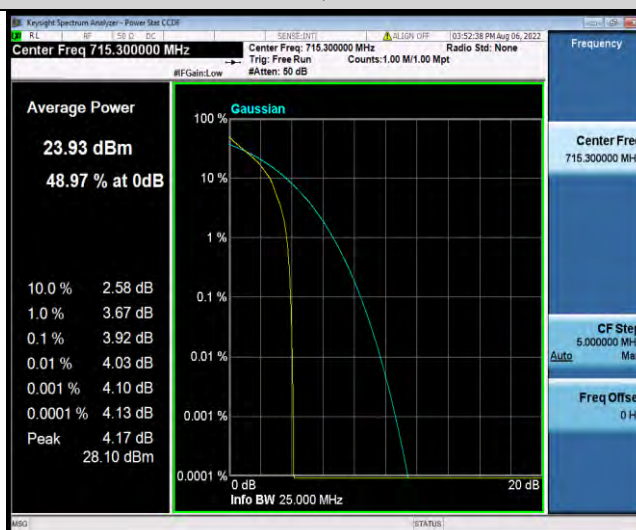
Test Report No.: W7L-P22070038RF06



Band12-1.4MHz-QPSK-23095-6RB#0



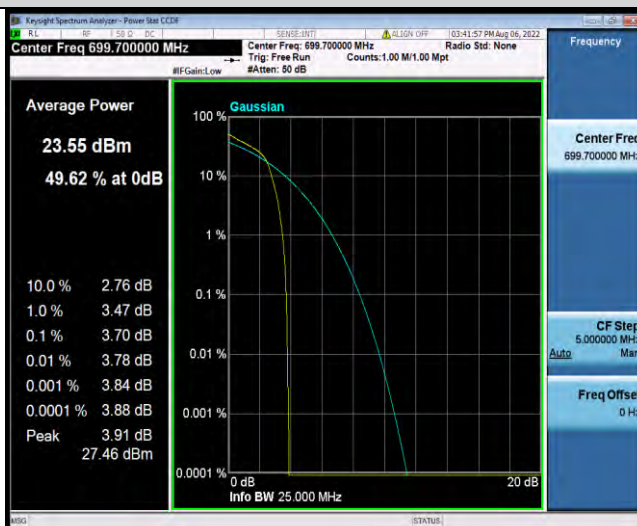
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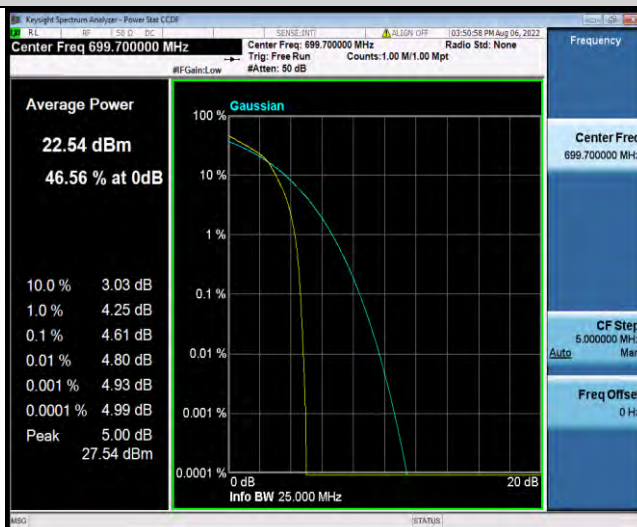
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Band12-1.4MHz-16QAM-23017-1RB#0



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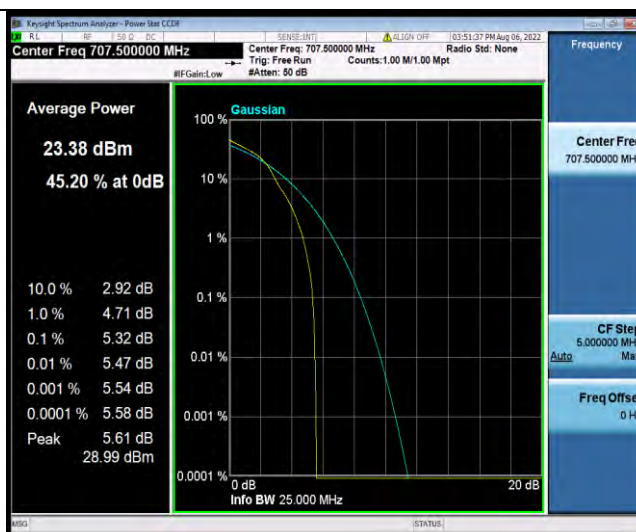


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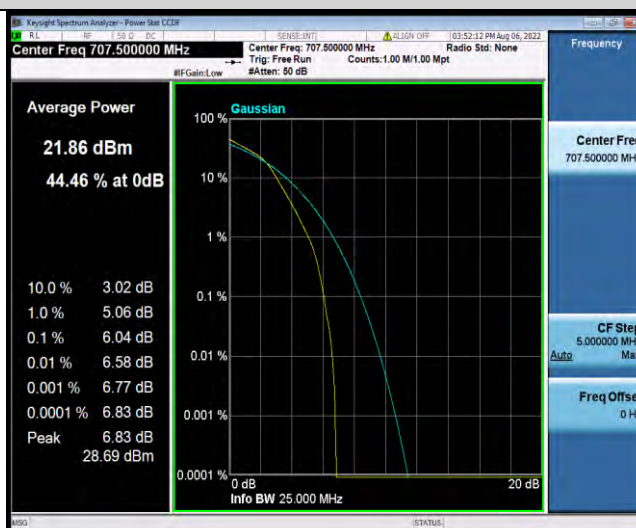


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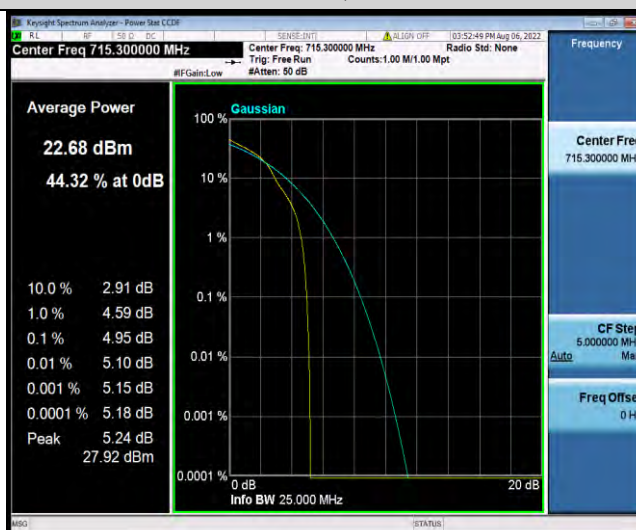
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Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-1RB#0

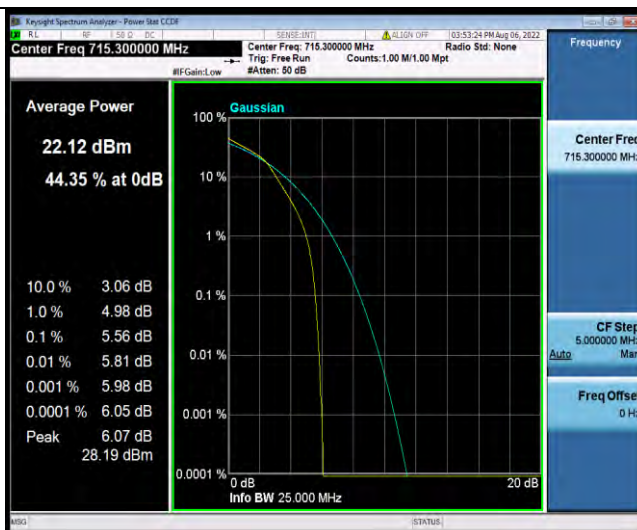


Band12-1.4MHz-16QAM-23173-6RB#0

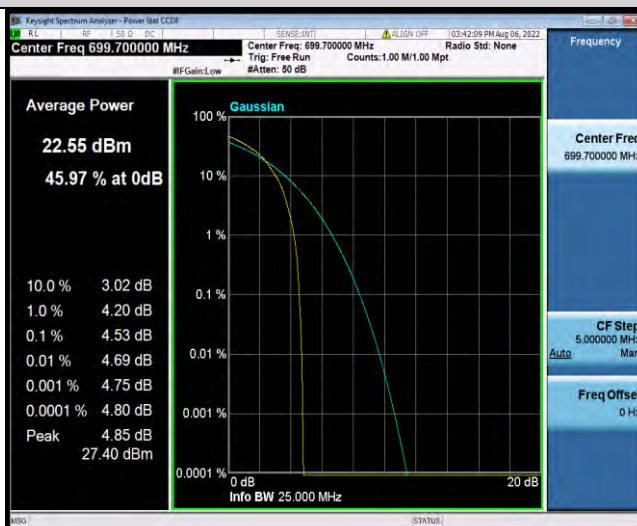


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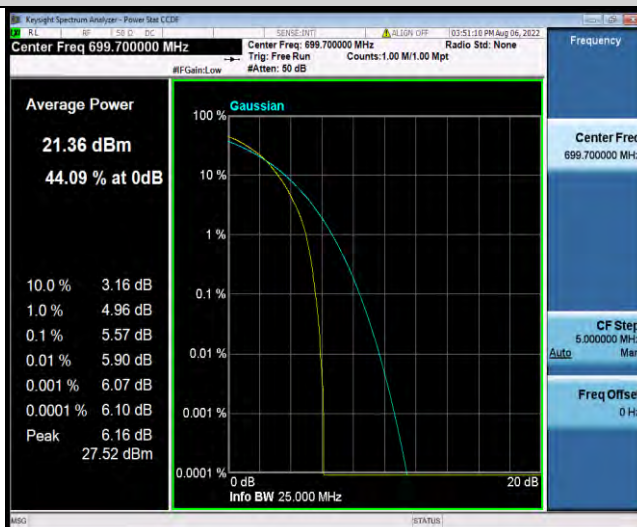
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Band12-1.4MHz-64QAM-23017-1RB#0



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

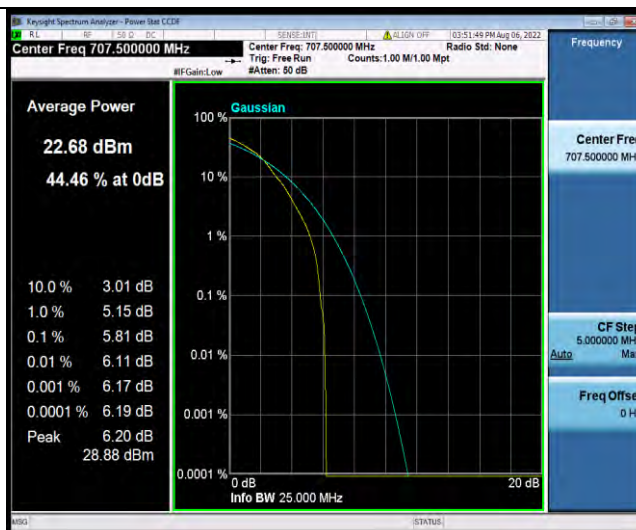


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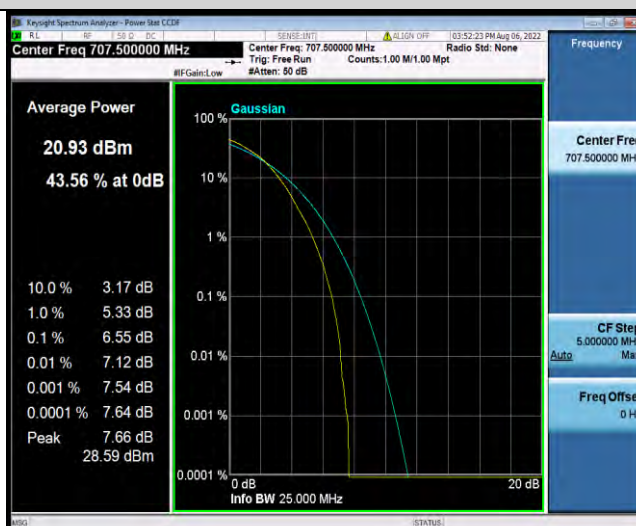


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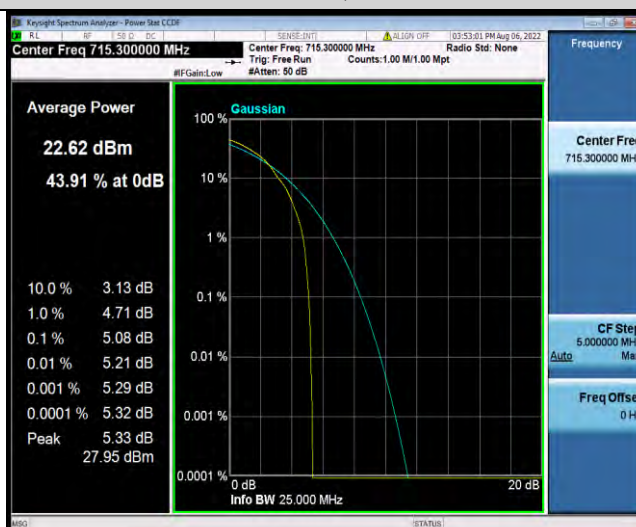
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Band12-1.4MHz-64QAM-23095-6RB#0



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



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

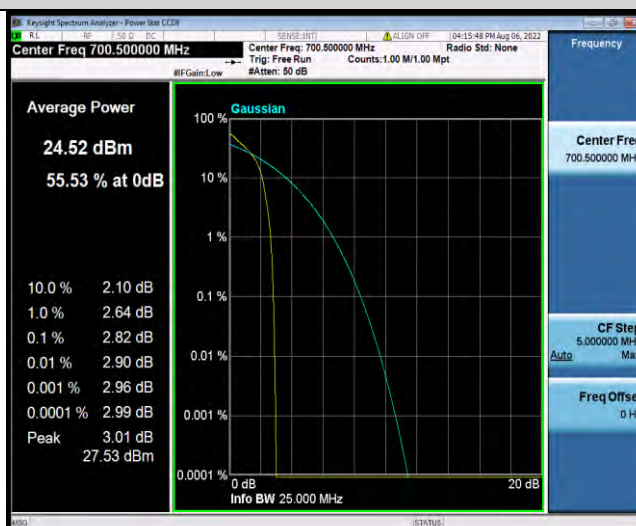


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Test Report No.: W7L-P22070038RF06



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



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



Band12-3MHz-QPSK-23095-1RB#0

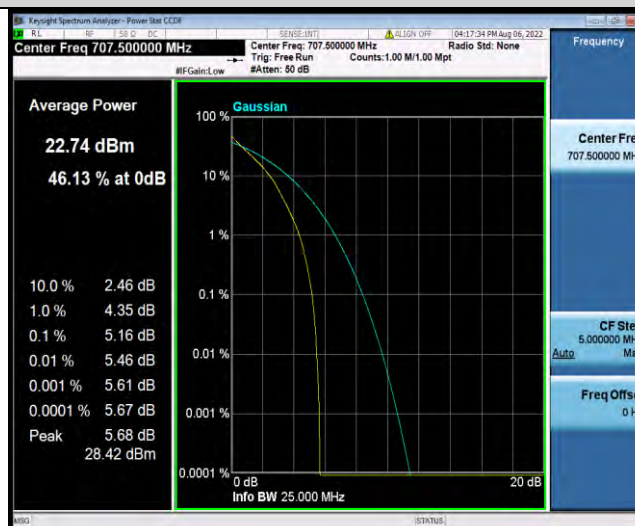


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Test Report No.: W7L-P22070038RF06



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



Band12-3MHz-QPSK-23165-1RB#0



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

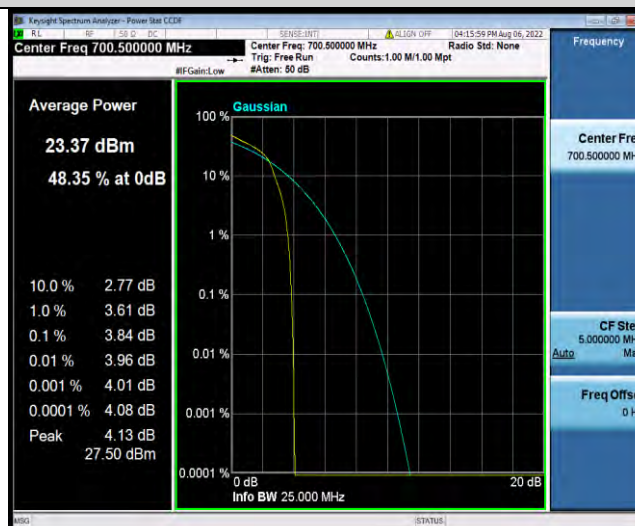


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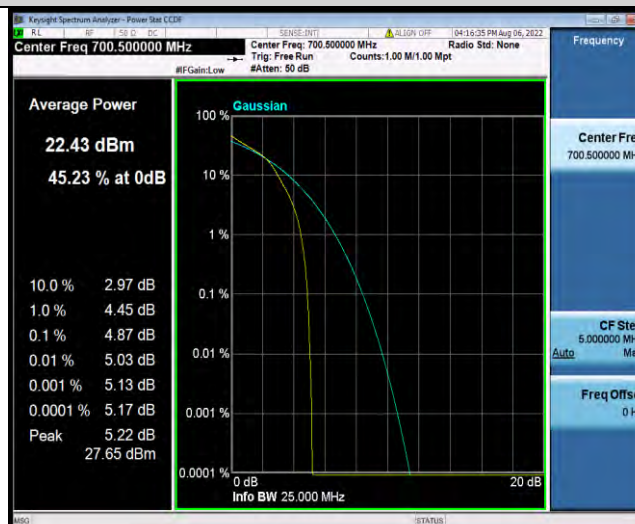
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Band12-3MHz-16QAM-23025-1RB#0



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



Band12-3MHz-16QAM-23095-1RB#0

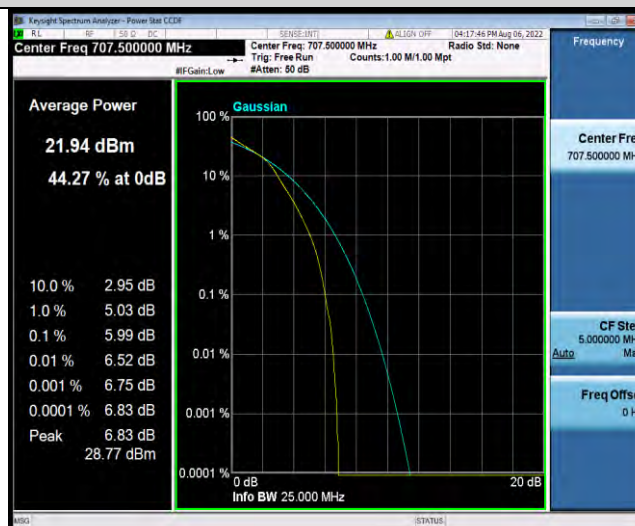


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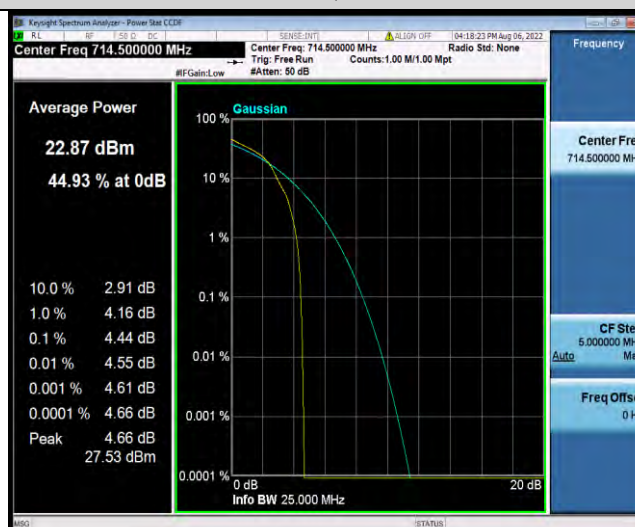
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Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-1RB#0

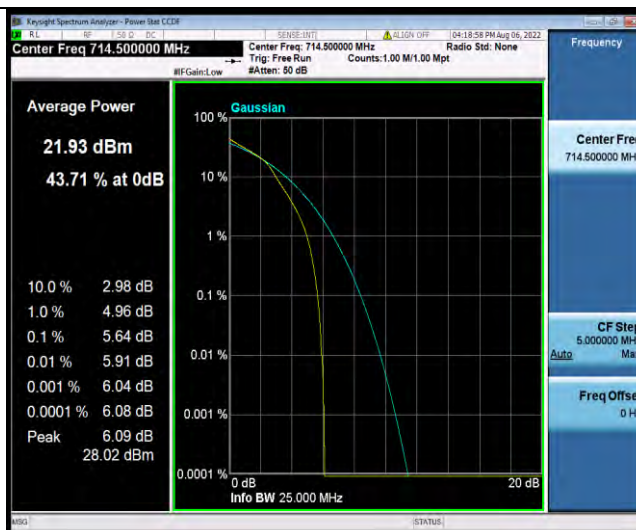


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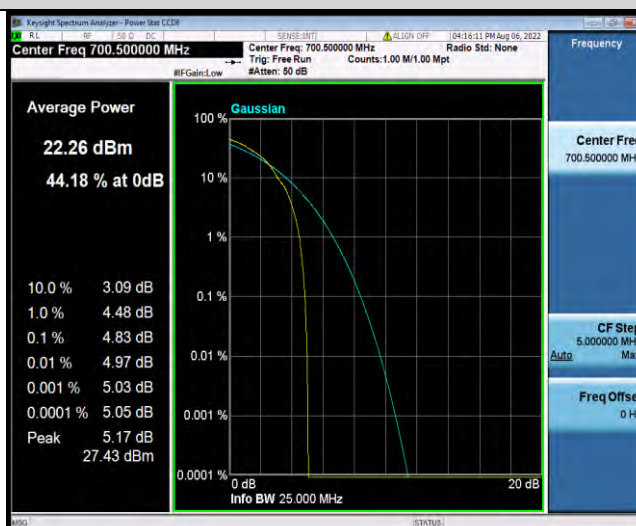


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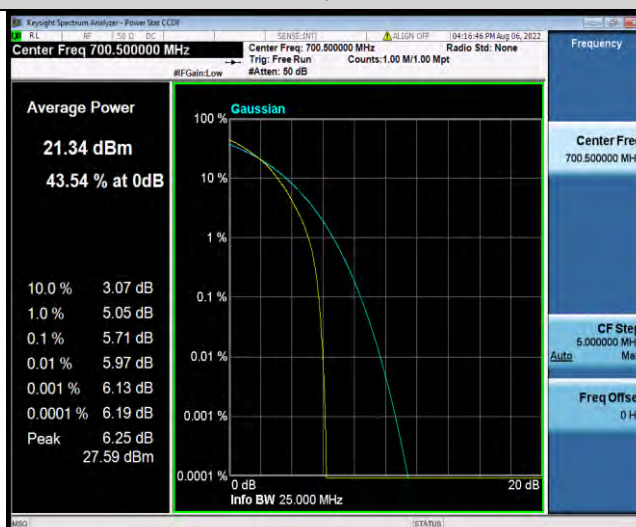
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Band12-3MHz-64QAM-23025-1RB#0



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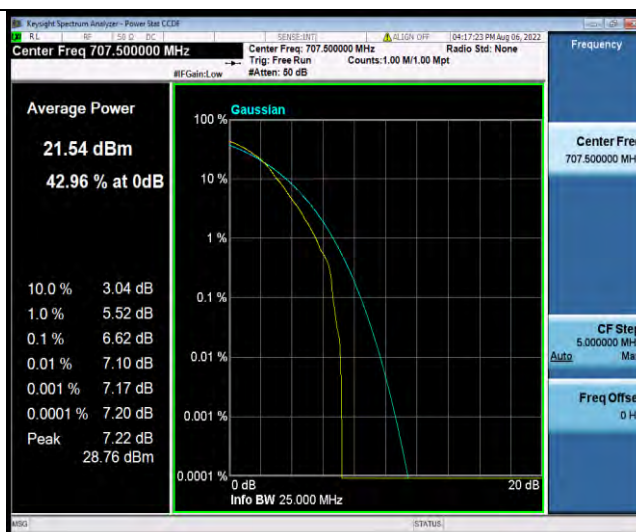


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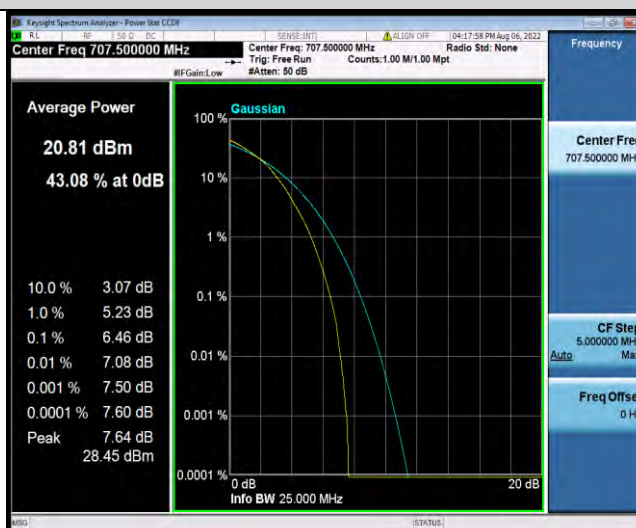


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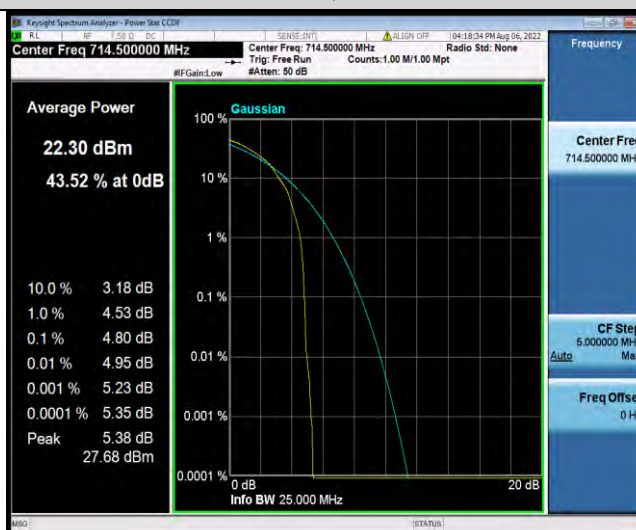
Test Report No.: W7L-P22070038RF06



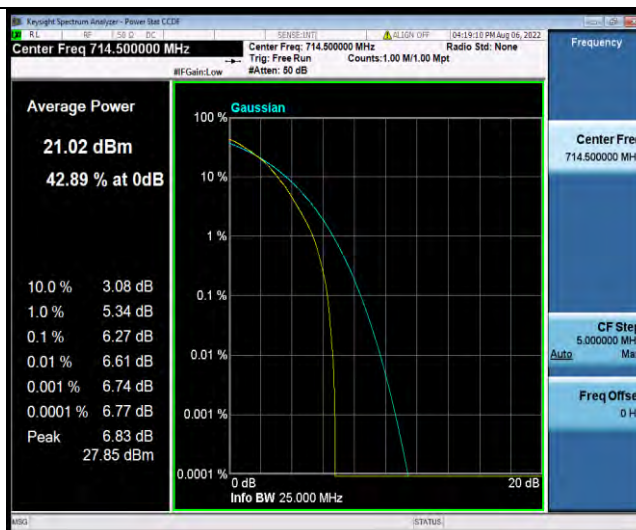
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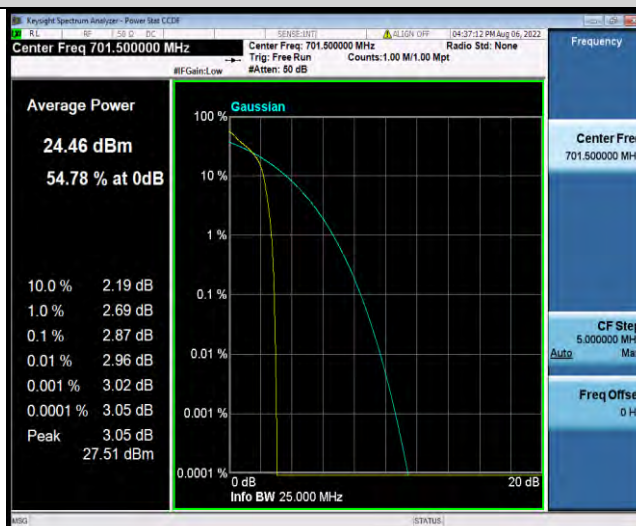
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Band12-3MHz-64QAM-23165-15RB#0



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



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

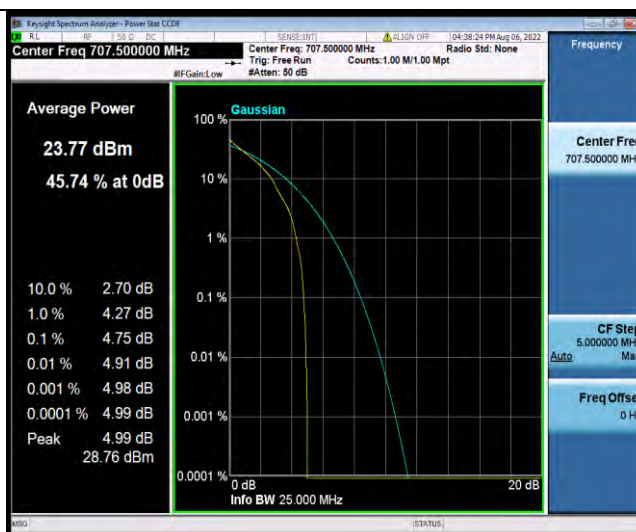


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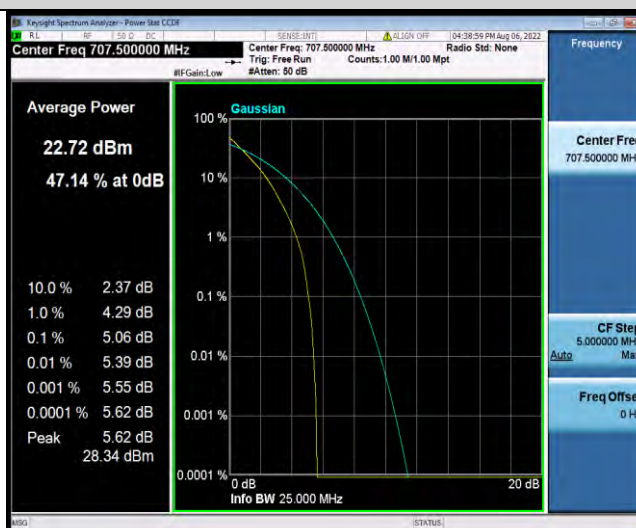


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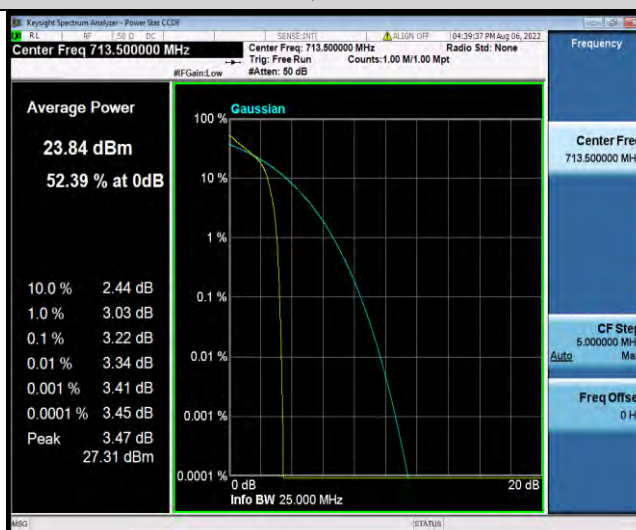
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Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-1RB#0



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



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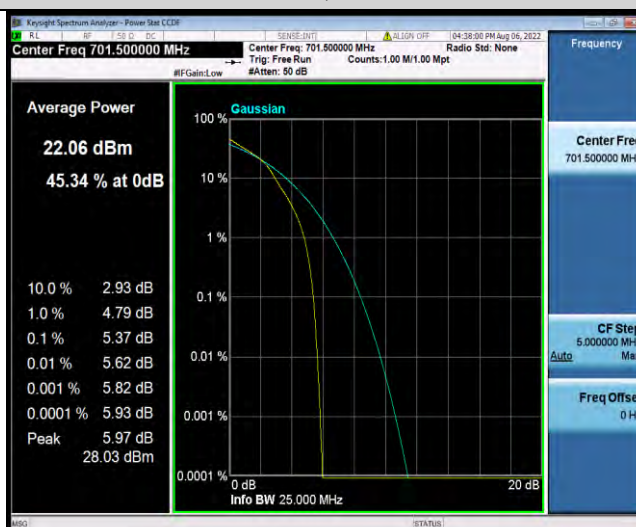
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Band12-5MHz-16QAM-23035-1RB#0



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



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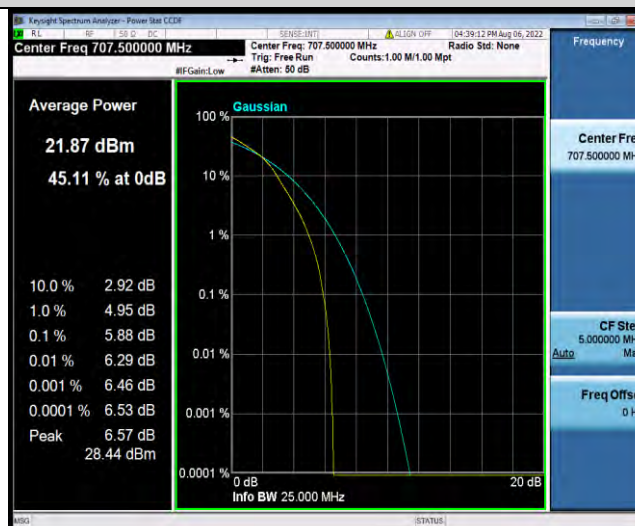


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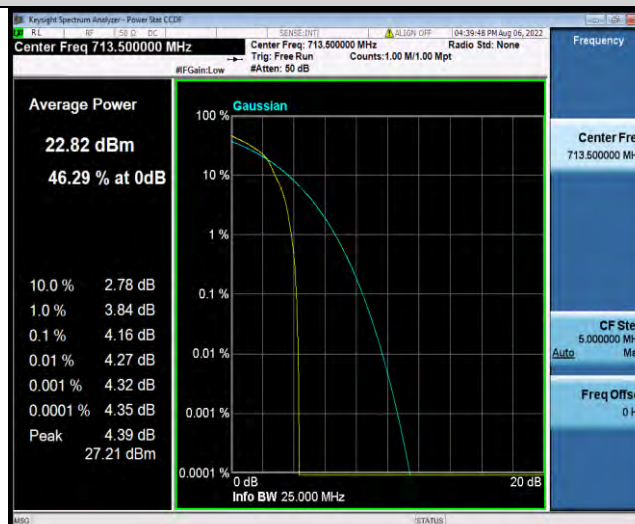
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Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-1RB#0



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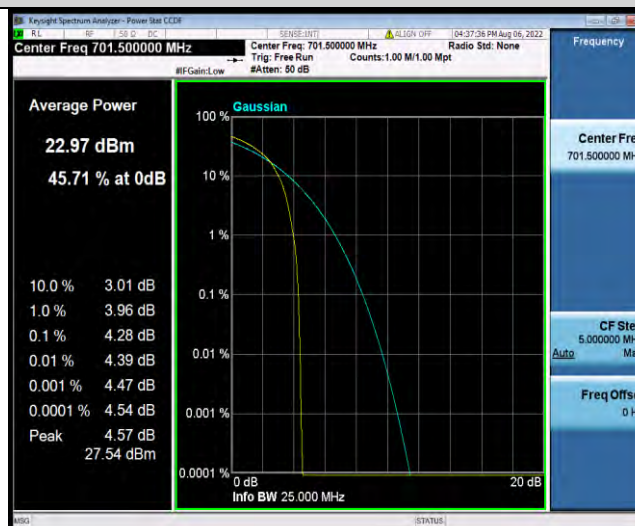


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VERITAS

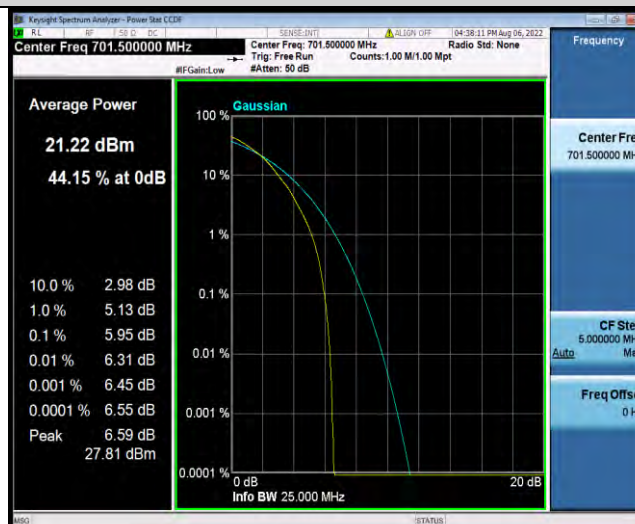
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Band12-5MHz-64QAM-23035-1RB#0



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

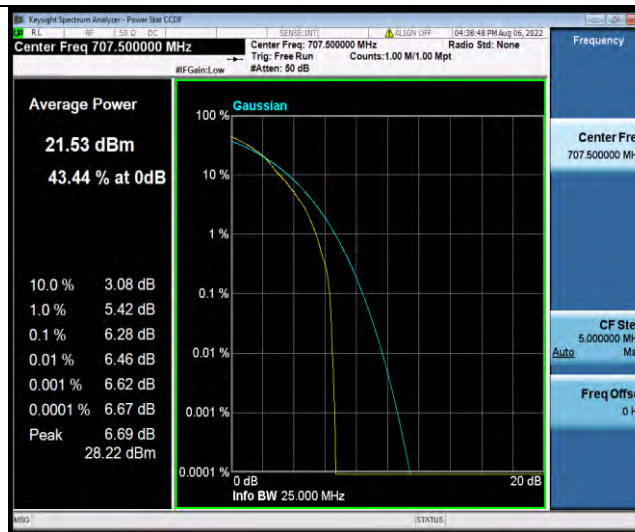


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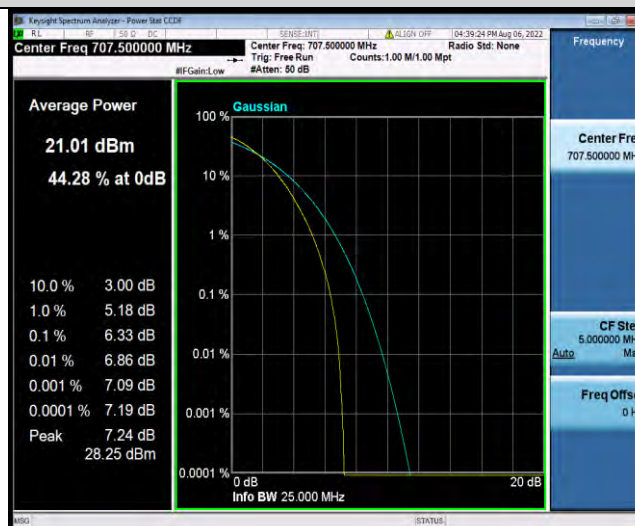


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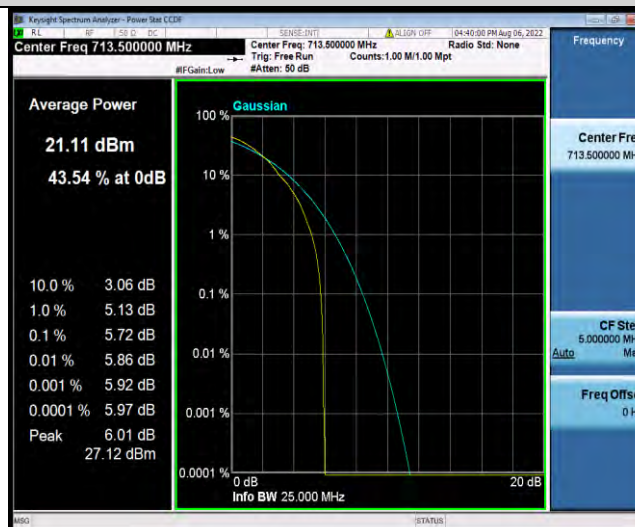
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Band12-5MHz-64QAM-23095-25RB#0



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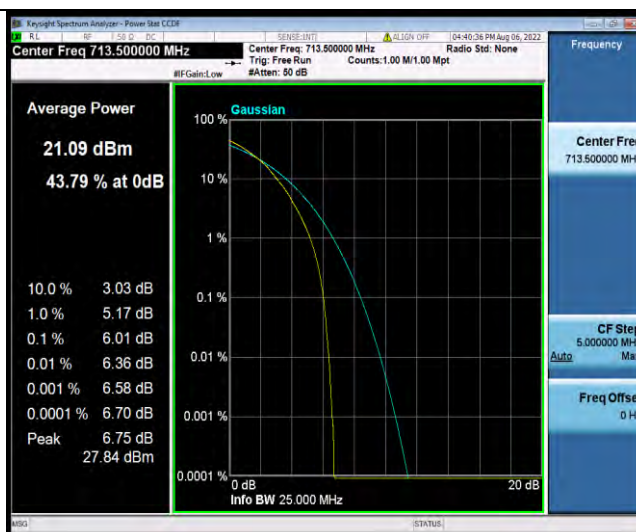


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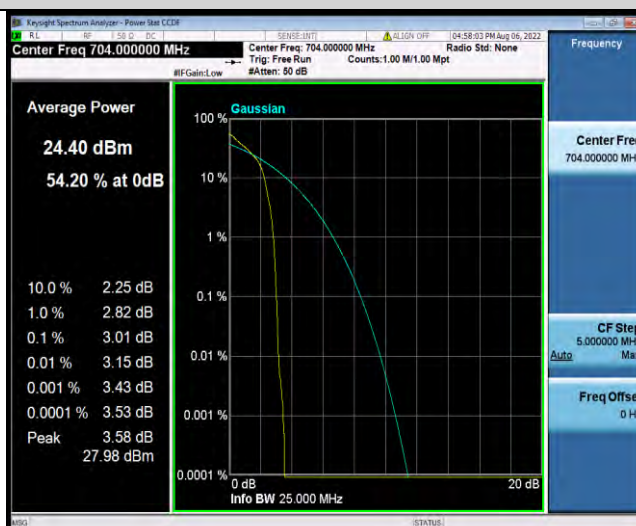


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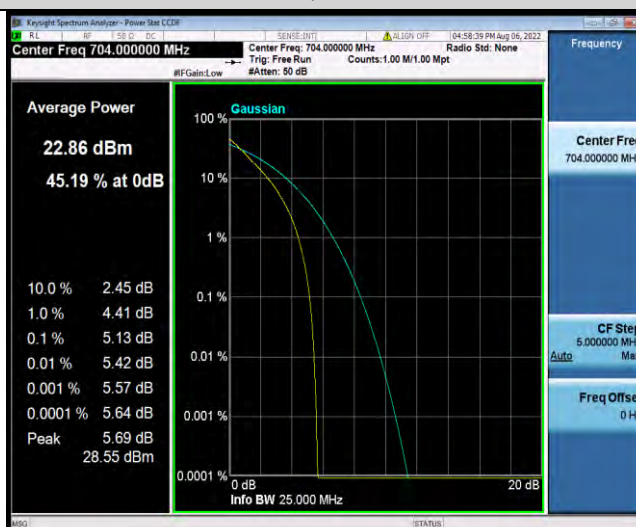
Test Report No.: W7L-P22070038RF06



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



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



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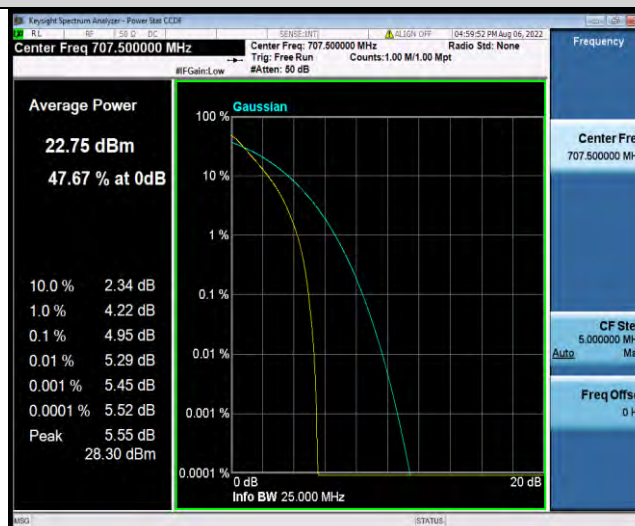


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Test Report No.: W7L-P22070038RF06



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



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

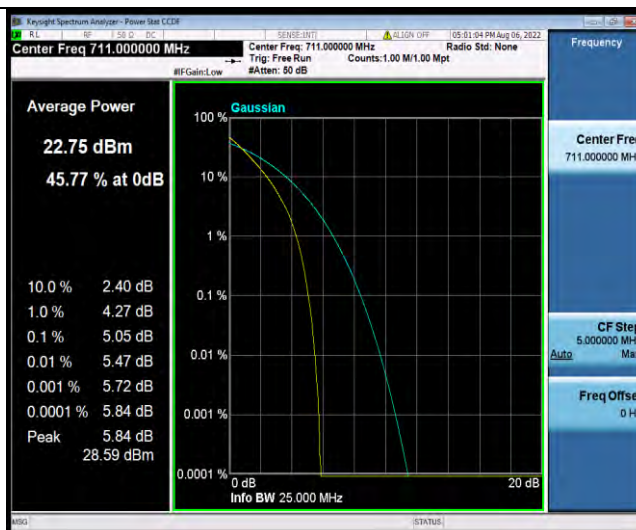


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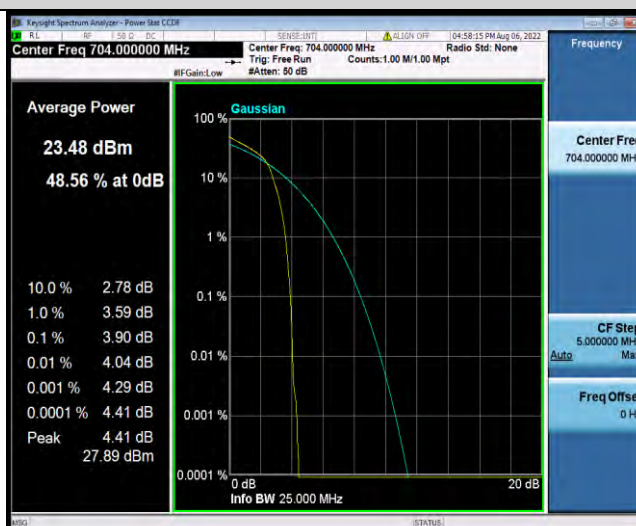


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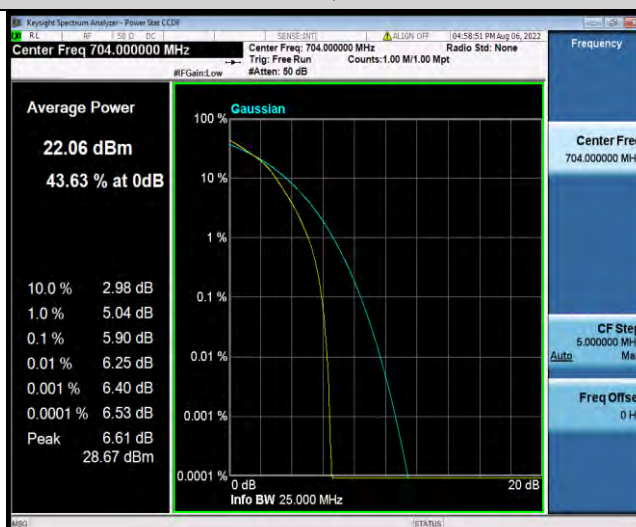
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Band12-10MHz-16QAM-23060-1RB#0



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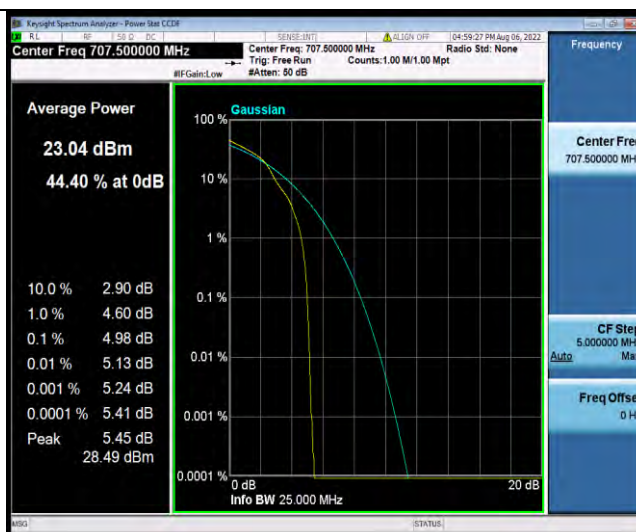


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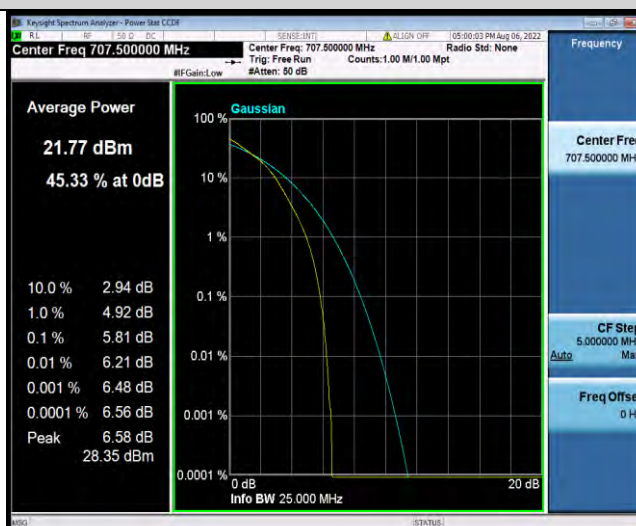


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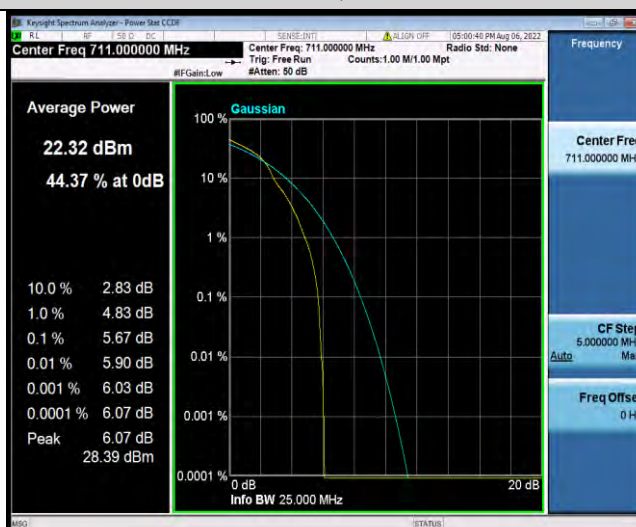
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Band12-10MHz-16QAM-23095-50RB#0



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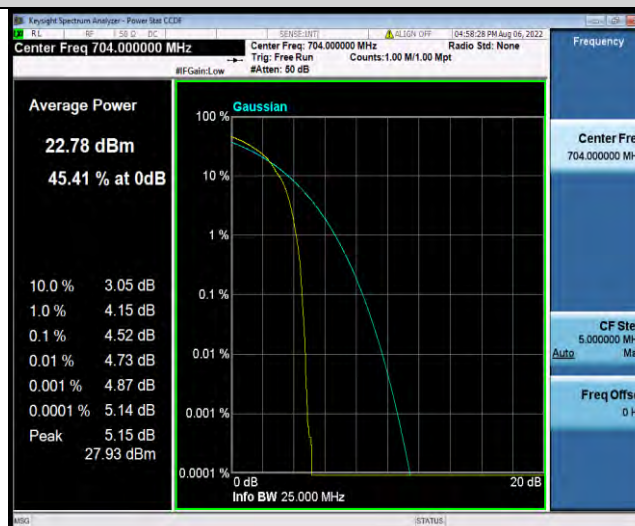


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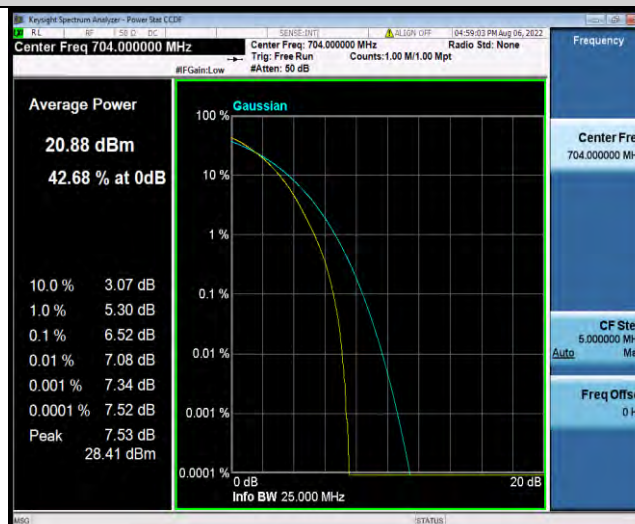
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Band12-10MHz-64QAM-23060-1RB#0



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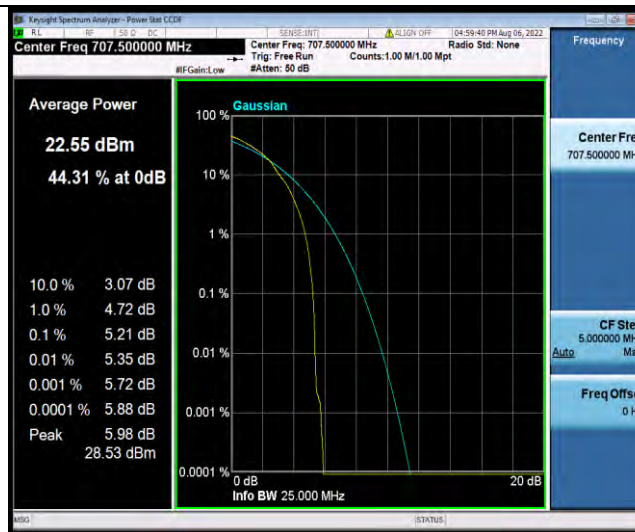


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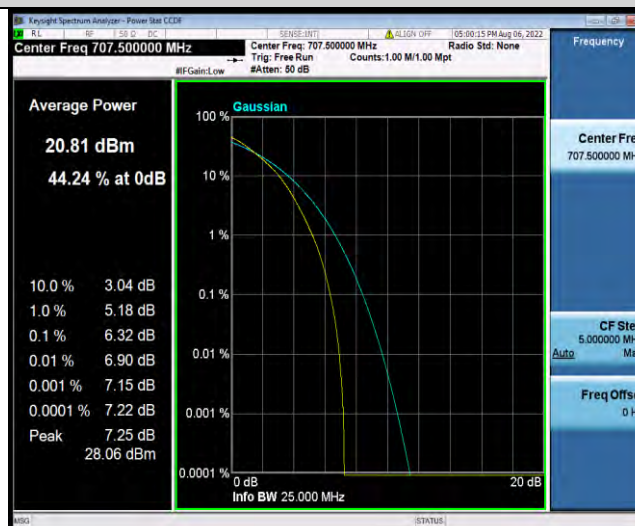


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VERITAS

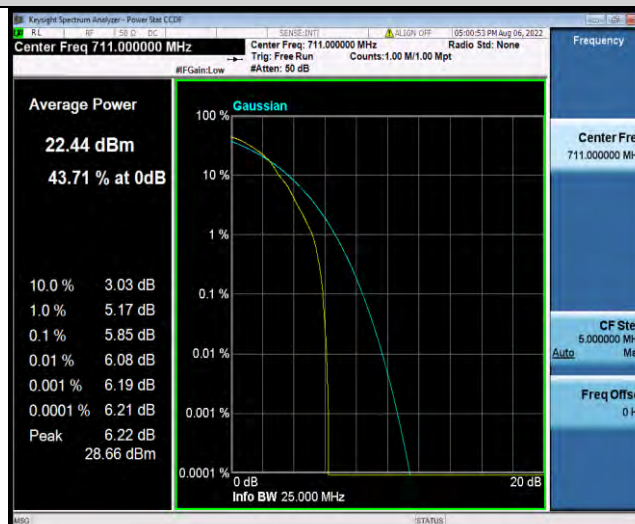
Test Report No.: W7L-P22070038RF06



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



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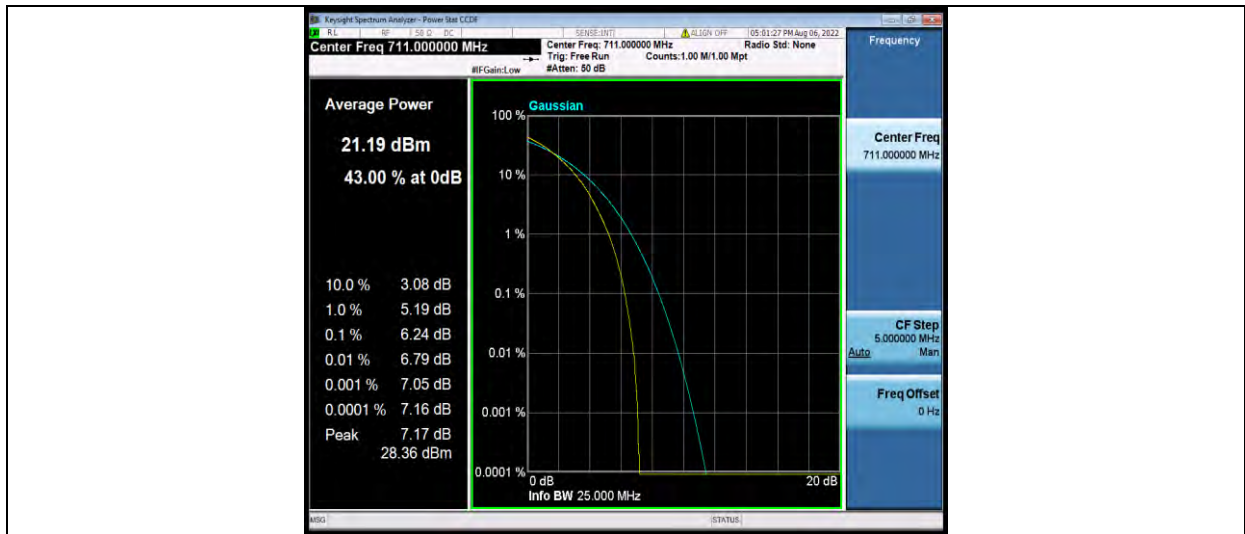


Band12-10MHz-64QAM-23130-50RB#0



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Test Report No.: W7L-P22070038RF06



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	1.0969	1.236	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0877	1.225	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0909	1.232	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0923	1.242	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0911	1.243	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0921	1.235	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0890	1.226	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0910	1.234	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0925	1.224	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6959	2.963	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6964	2.945	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7013	2.974	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6951	2.943	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6947	2.986	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6975	2.969	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6982	2.982	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6914	2.965	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.7035	2.957	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5014	4.888	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4838	4.846	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5123	4.889	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5070	4.899	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4900	4.861	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5091	4.886	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4931	4.876	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4813	4.857	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.4917	4.681	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9977	9.576	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9552	9.506	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9711	9.515	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0001	9.572	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9519	9.532	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9621	9.531	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9923	9.584	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9514	9.516	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9576	9.519	PASS

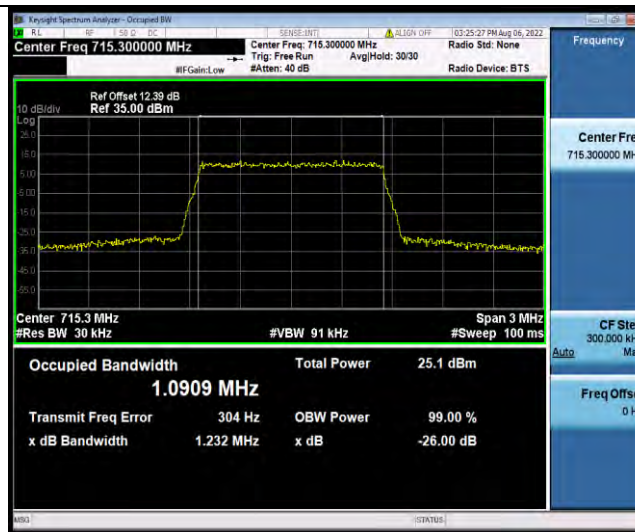
Test Graphs





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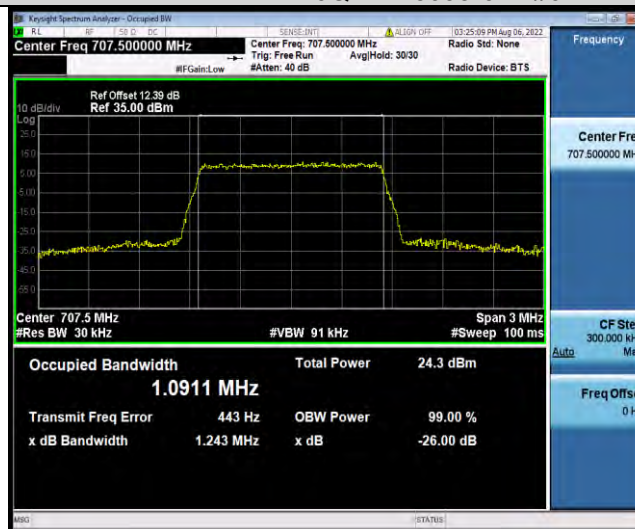
Test Report No.: W7L-P22070038RF06



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



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

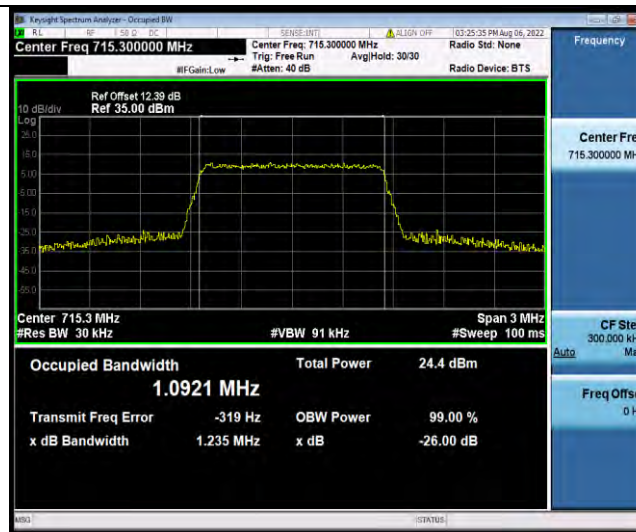


Band12-1.4MHz-16QAM-23173-6RB#0

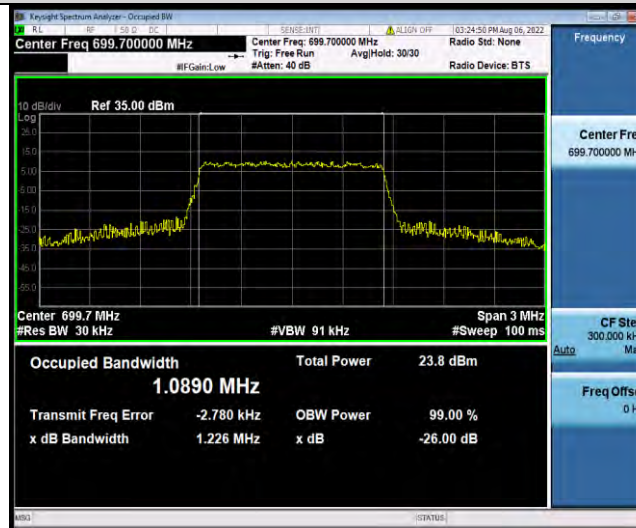


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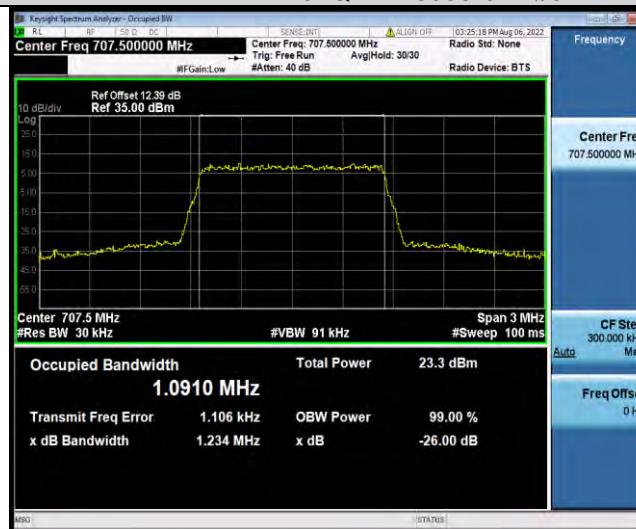
Test Report No.: W7L-P22070038RF06



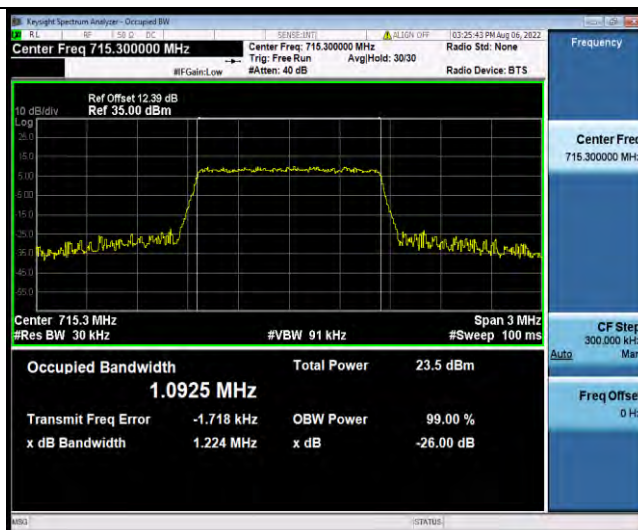
Band12-1.4MHz-64QAM-23017-6RB#0



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



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



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



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

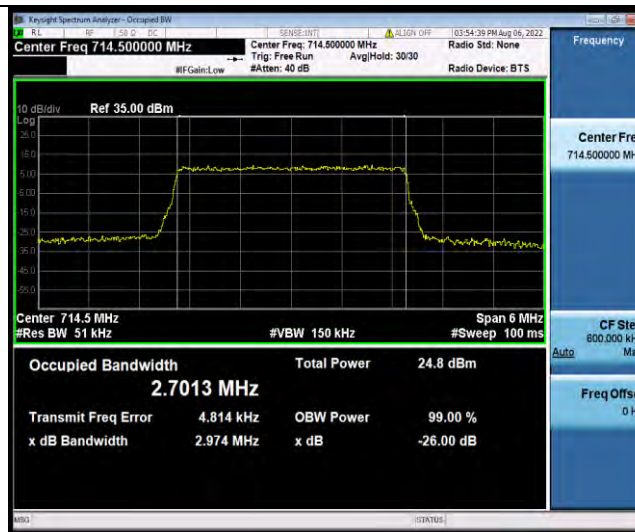


Band12-3MHz-QPSK-23165-15RB#0

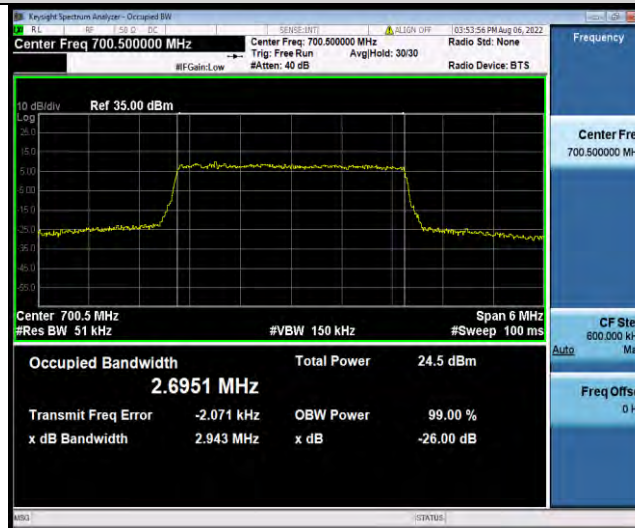


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Test Report No.: W7L-P22070038RF06



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



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

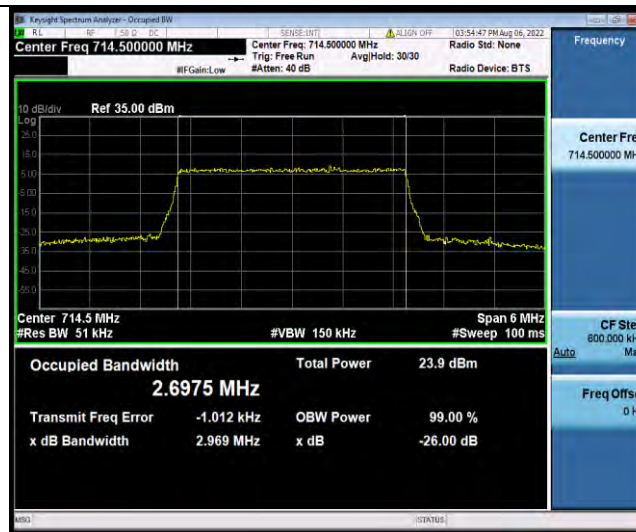


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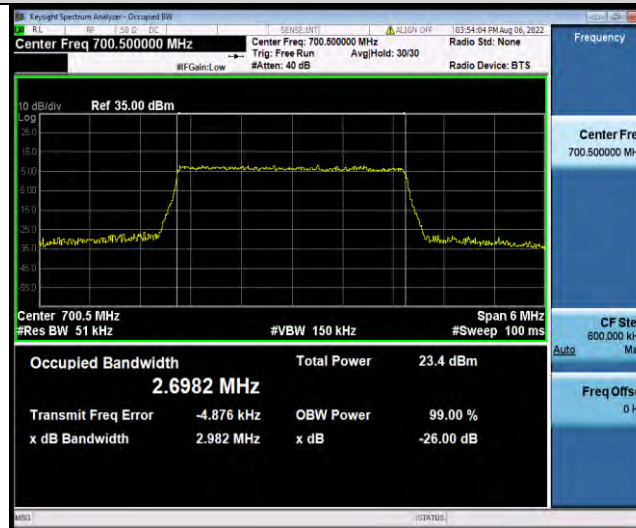


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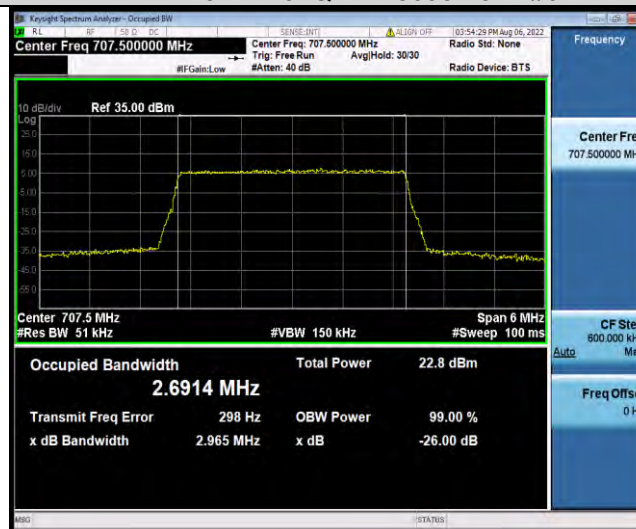
Test Report No.: W7L-P22070038RF06



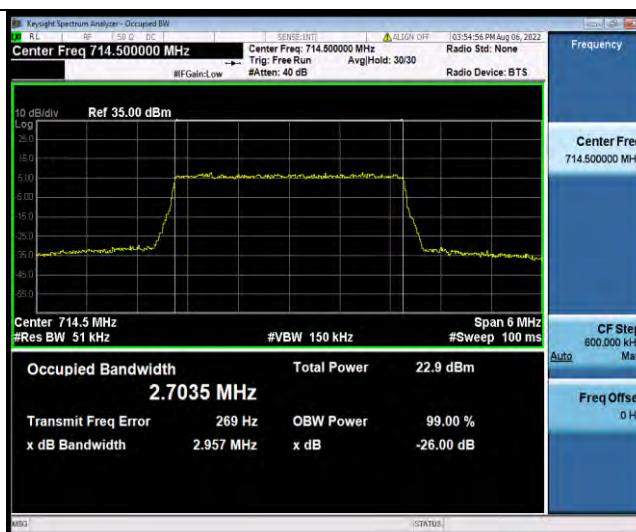
Band12-3MHz-64QAM-23025-15RB#0



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



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



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



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



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

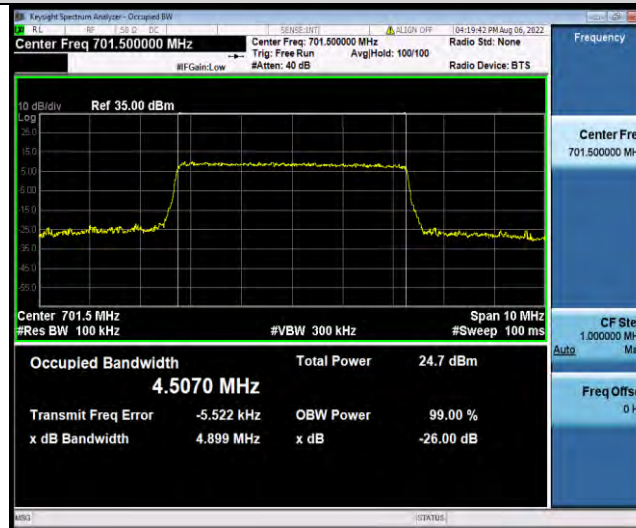


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Test Report No.: W7L-P22070038RF06



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



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



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



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



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



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



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Test Report No.: W7L-P22070038RF06



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



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



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



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Test Report No.: W7L-P22070038RF06



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P22070038RF06



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



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



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



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Test Report No.: W7L-P22070038RF06



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-28.19,-17.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-23.75,-23.12	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.48,-32.31	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-31.09,-32.37	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-27.21,-20.59	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-25.45,-24.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-26.18,-34.61	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-32.14,-32.62	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	-32.23,-22.97	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-29.68,-29.17	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-26.75,-34.92	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-34.30,-35.01	PASS
Band12	3MHz	QPSK	23025	1RB#0	-25.28,-13.08	PASS
Band12	3MHz	QPSK	23025	15RB#0	-24.99,-19.15	PASS
Band12	3MHz	QPSK	23165	1RB#14	-14.23,-29.20	PASS
Band12	3MHz	QPSK	23165	15RB#0	-21.69,-31.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	-26.04,-14.08	PASS
Band12	3MHz	16QAM	23025	15RB#0	-25.90,-19.98	PASS
Band12	3MHz	16QAM	23165	1RB#14	-14.34,-30.39	PASS
Band12	3MHz	16QAM	23165	15RB#0	-22.55,-31.89	PASS
Band12	3MHz	64QAM	23025	1RB#0	-27.92,-15.40	PASS
Band12	3MHz	64QAM	23025	15RB#0	-32.03,-22.41	PASS
Band12	3MHz	64QAM	23165	1RB#14	-16.02,-32.53	PASS
Band12	3MHz	64QAM	23165	15RB#0	-23.95,-34.48	PASS
Band12	5MHz	QPSK	23035	1RB#0	-28.42,-19.85	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.74	PASS
Band12	5MHz	QPSK	23155	1RB#24	-20.70,-33.86	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.26	PASS
Band12	5MHz	16QAM	23035	1RB#0	-32.87,-22.37	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.69	PASS
Band12	5MHz	16QAM	23155	1RB#24	-24.17,-37.32	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.30	PASS
Band12	5MHz	64QAM	23035	1RB#0	-36.46,-23.59	PASS
Band12	5MHz	64QAM	23035	25RB#0	-26.00	PASS
Band12	5MHz	64QAM	23155	1RB#24	-25.01,-39.30	PASS
Band12	5MHz	64QAM	23155	25RB#0	-28.01	PASS
Band12	10MHz	QPSK	23060	1RB#0	-32.02,-25.76	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.92,-28.00	PASS
Band12	10MHz	QPSK	23130	1RB#49	-27.32,-34.19	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.54,-30.66	PASS
Band12	10MHz	16QAM	23060	1RB#0	-33.55,-27.48	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.96,-29.01	PASS
Band12	10MHz	16QAM	23130	1RB#49	-28.34,-35.51	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.20,-31.00	PASS

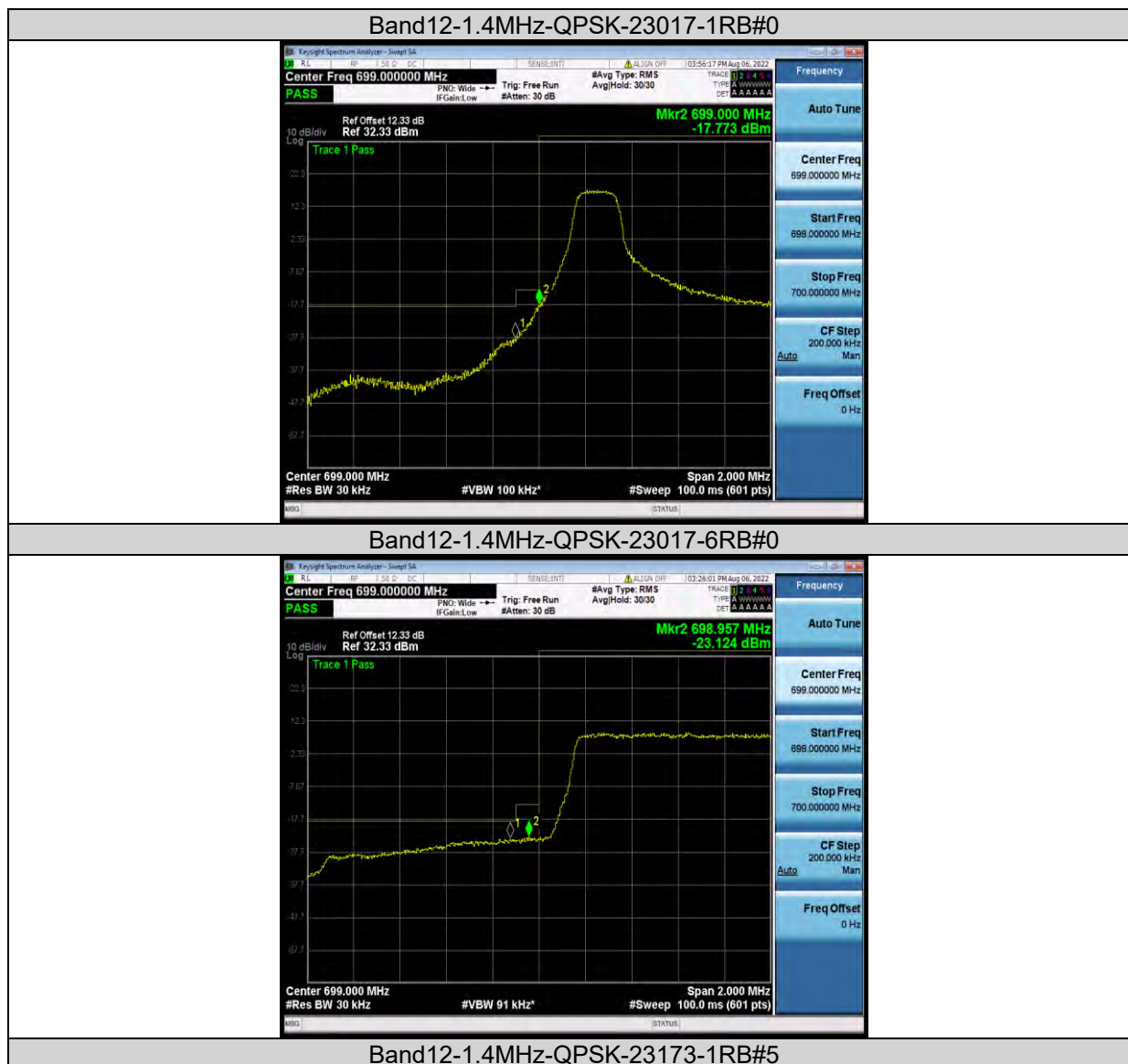


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Test Report No.: W7L-P22070038RF06

Band12	10MHz	64QAM	23060	1RB#0	-34.84,-28.09	PASS
Band12	10MHz	64QAM	23060	50RB#0	-32.82,-30.15	PASS
Band12	10MHz	64QAM	23130	1RB#49	-28.56,-35.50	PASS
Band12	10MHz	64QAM	23130	50RB#0	-30.42,-32.36	PASS

Test Graphs

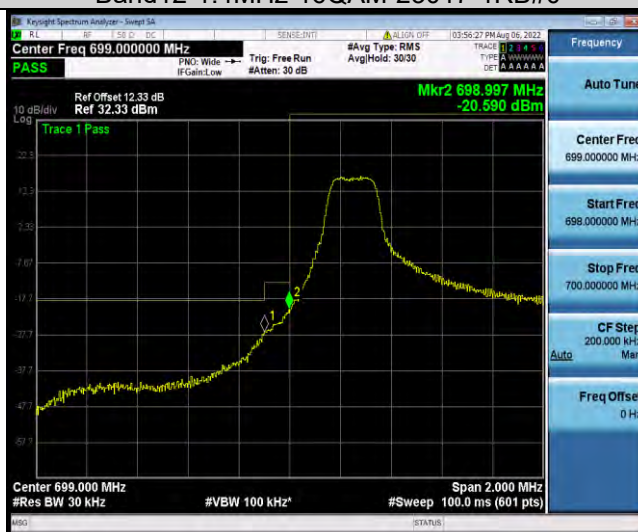




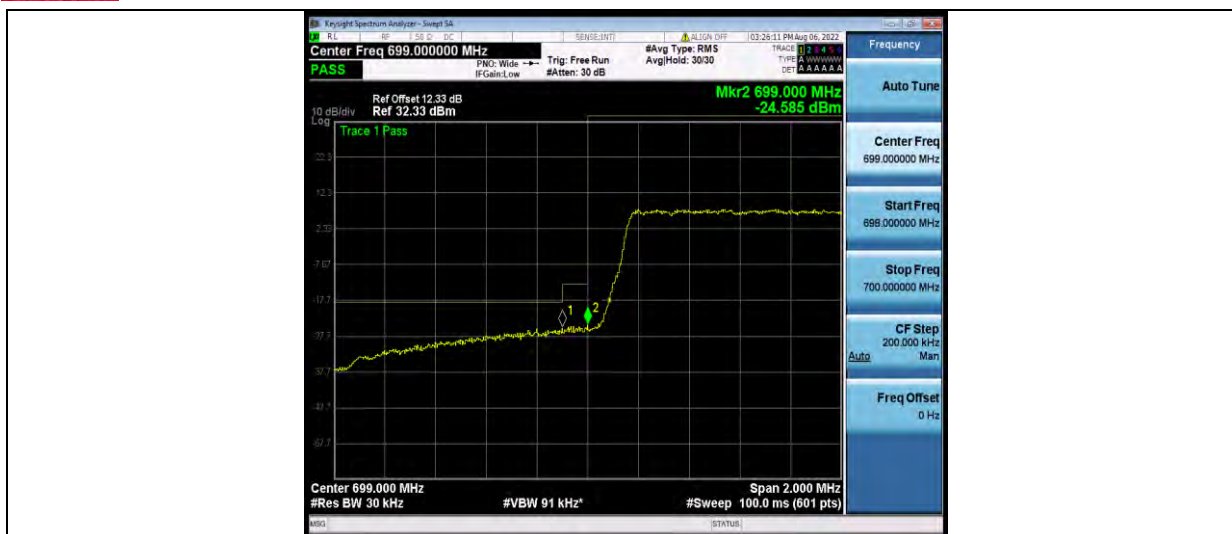
Band12-1.4MHz-QPSK-23173-6RB#0



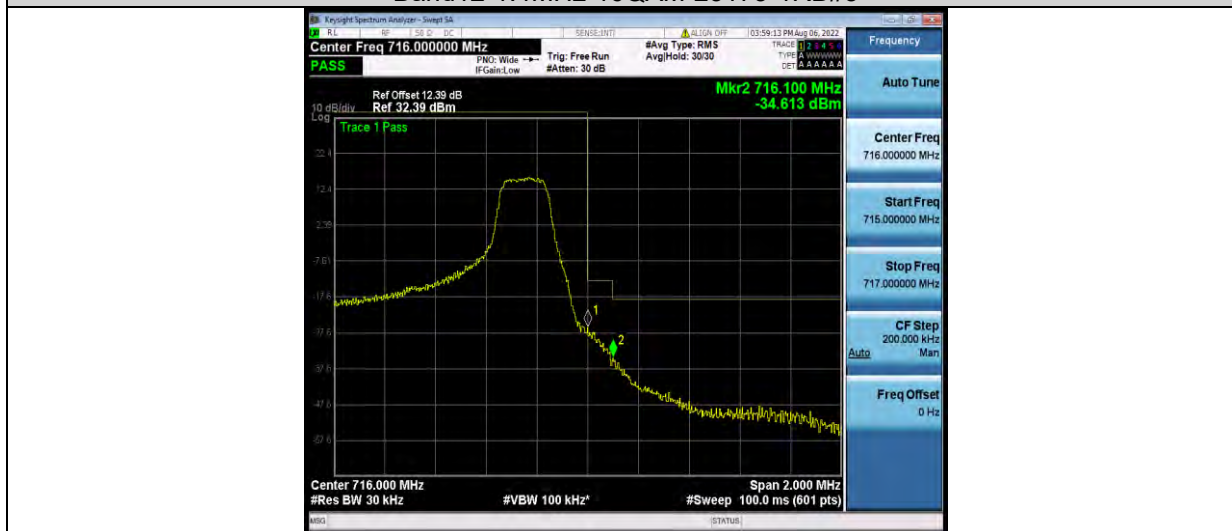
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Band12-1.4MHz-16QAM-23017-6RB#0



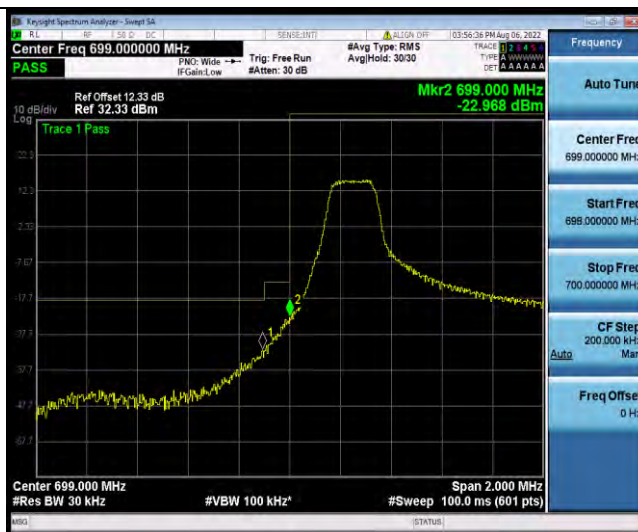
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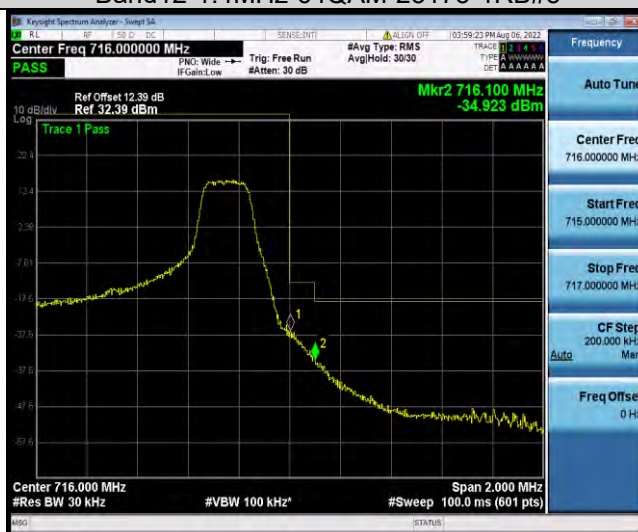
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Band12-1.4MHz-64QAM-23017-6RB#0



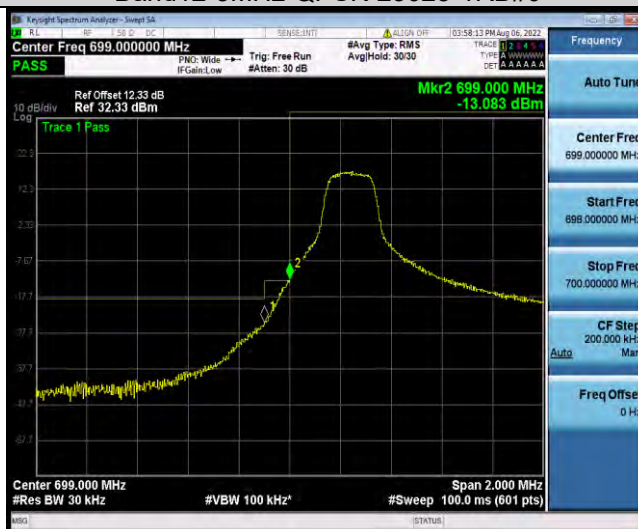
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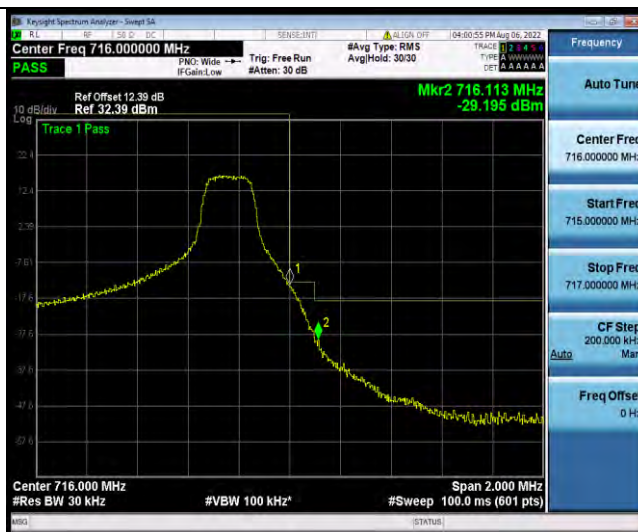
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Band12-3MHz-QPSK-23025-15RB#0



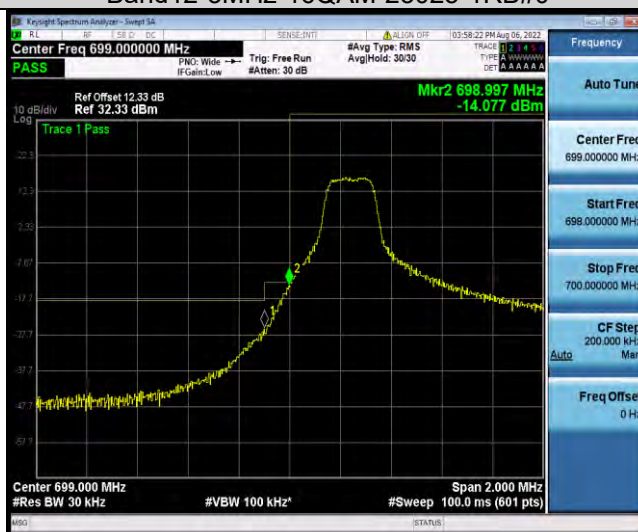
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Band12-3MHz-QPSK-23165-15RB#0



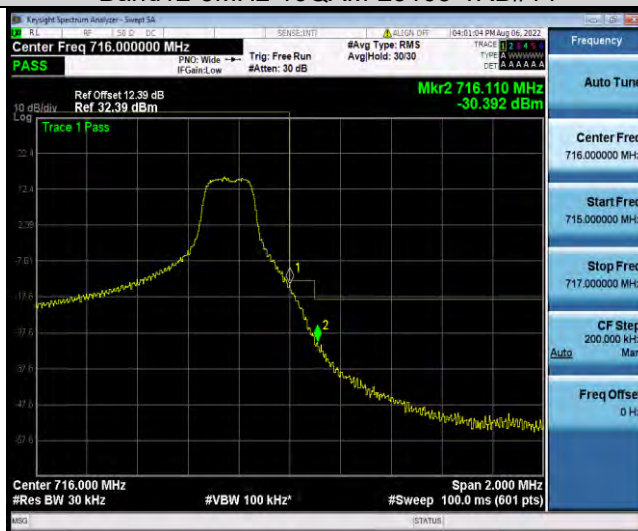
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Band12-3MHz-16QAM-23025-15RB#0



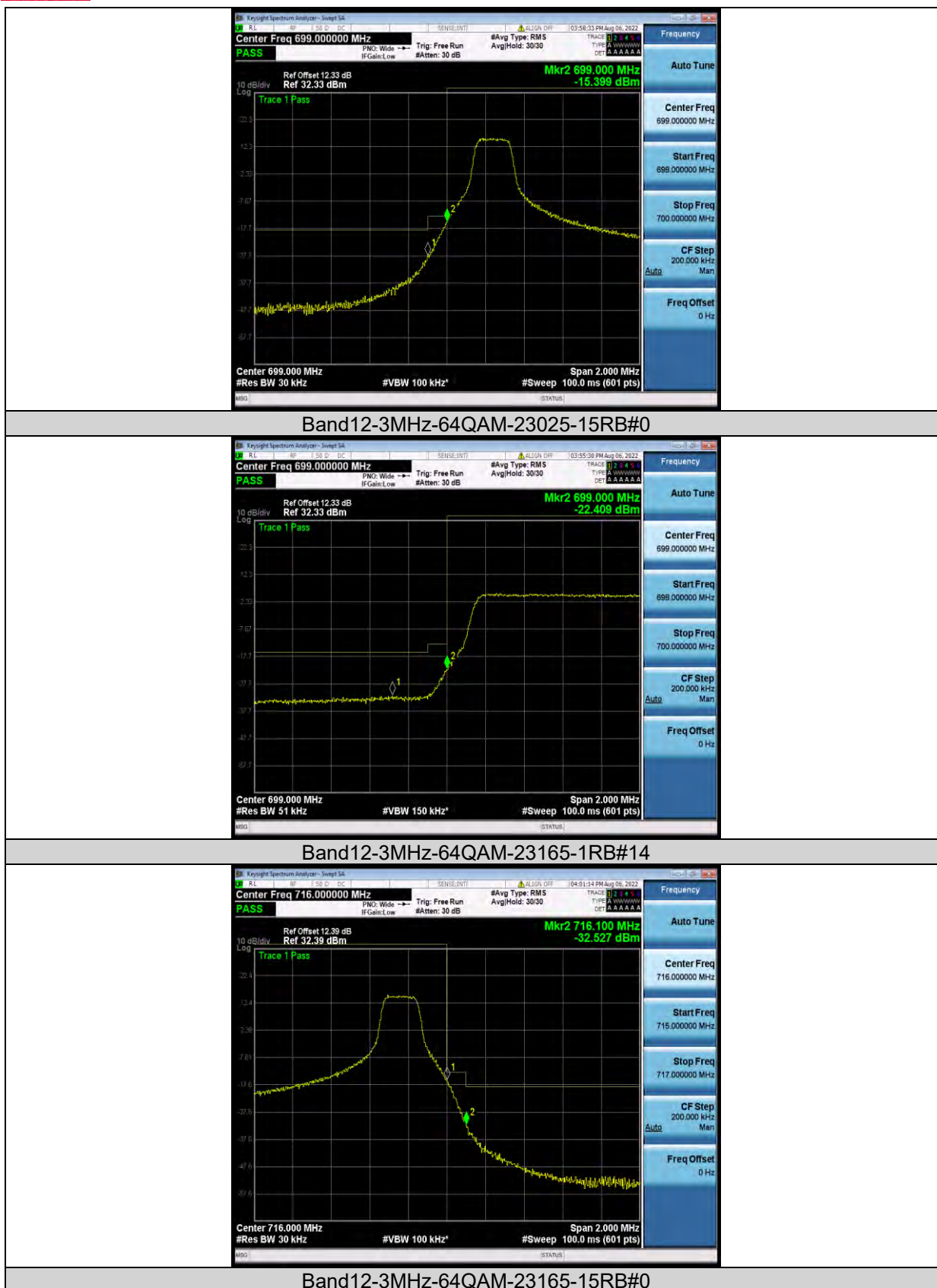
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Band12-3MHz-16QAM-23165-15RB#0

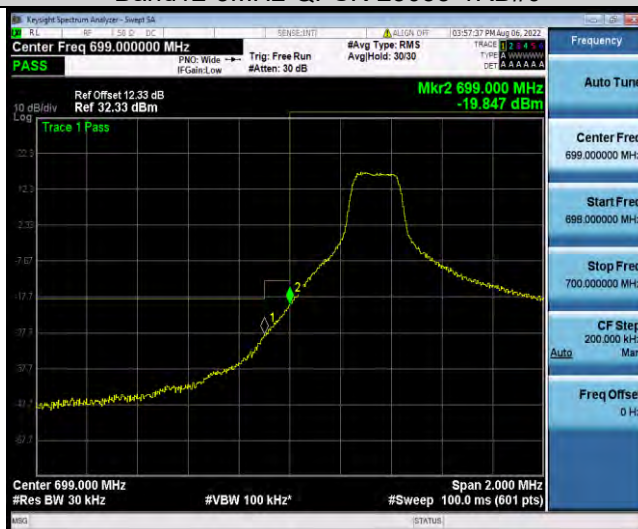


Band12-3MHz-64QAM-23025-1RB#0





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



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



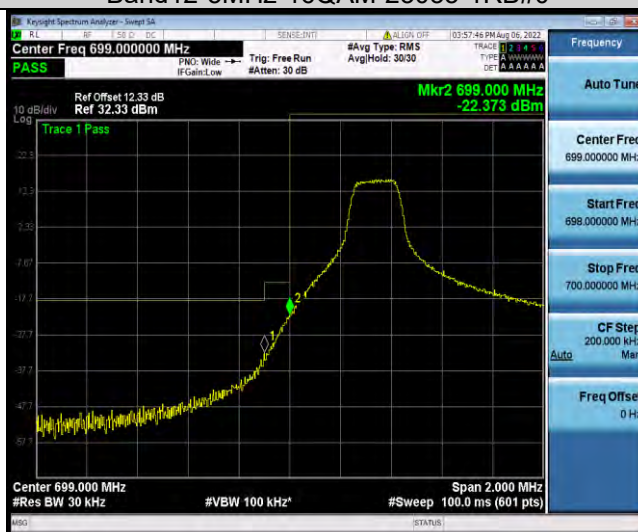
Band12-5MHz-QPSK-23155-1RB#24



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



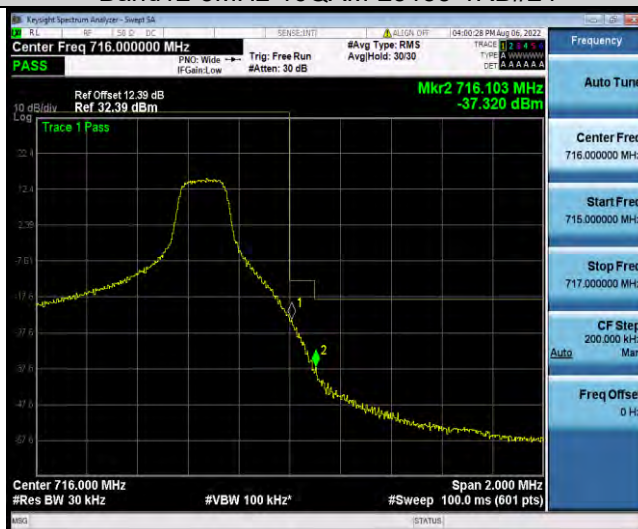
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Band12-5MHz-16QAM-23035-25RB#0



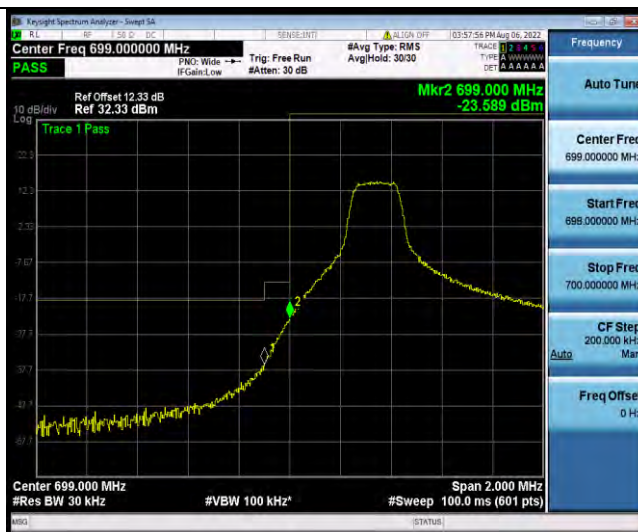
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Band12-5MHz-16QAM-23155-25RB#0



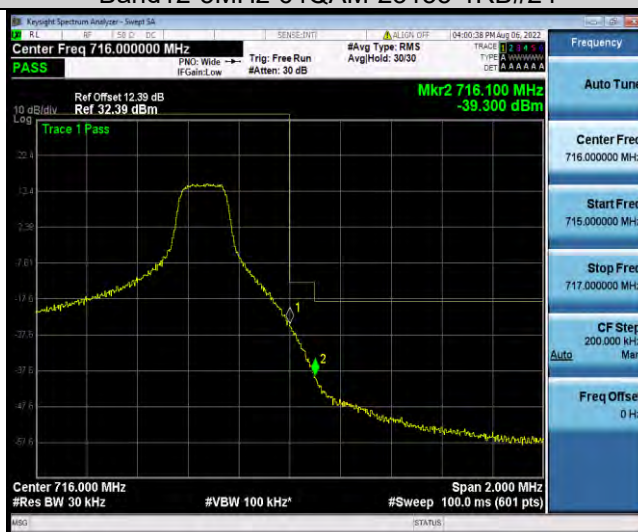
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Band12-5MHz-64QAM-23035-25RB#0



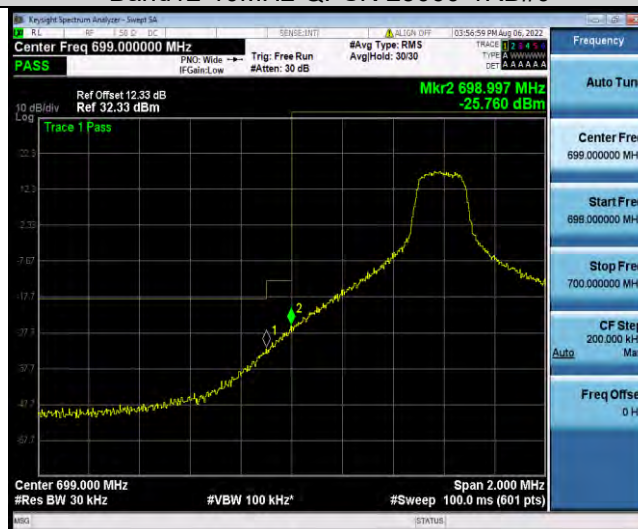
Band12-5MHz-64QAM-23155-1RB#24



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



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



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



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