

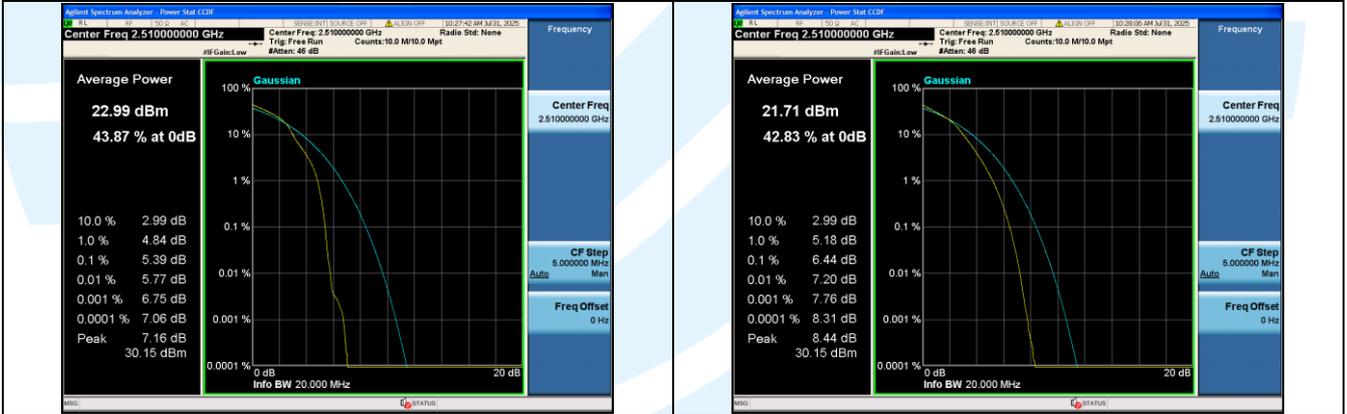
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Band7-20MHz-QPSK-21100-100RB#0-PASS



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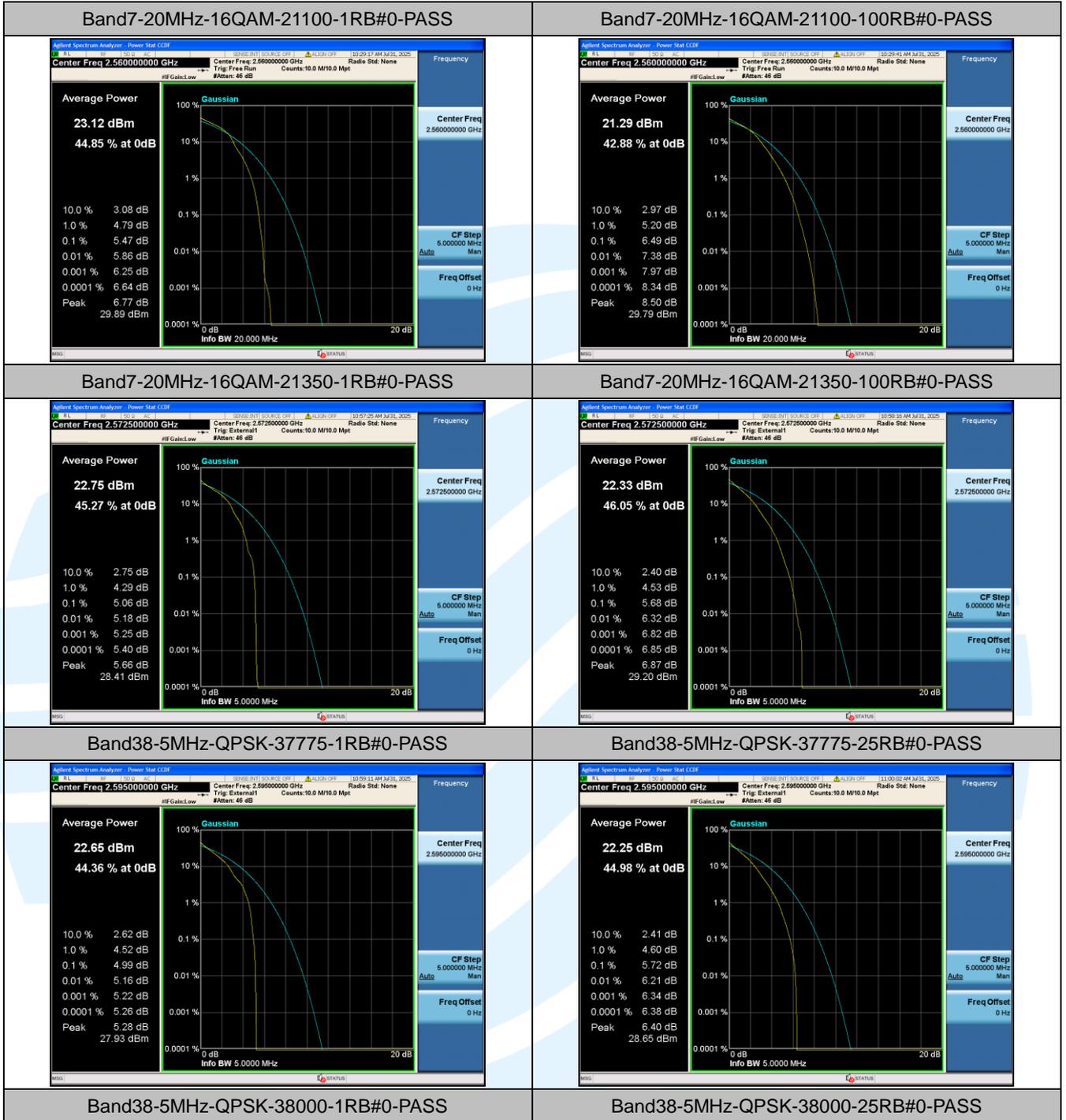
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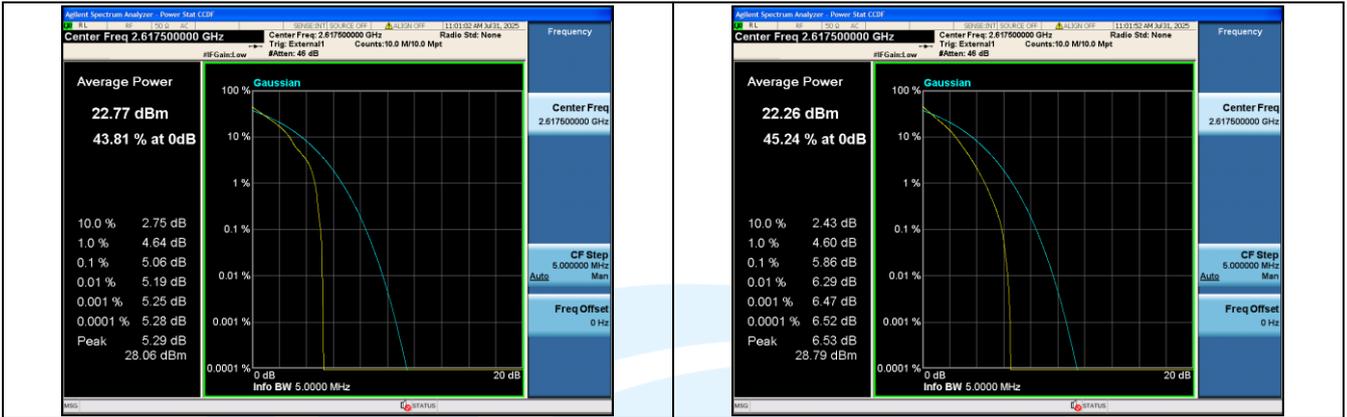


Band7-20MHz-16QAM-20850-1RB#0-PASS

Band7-20MHz-16QAM-20850-100RB#0-PASS







Band38-5MHz-QPSK-38225-1RB#0-PASS

Band38-5MHz-QPSK-38225-25RB#0-PASS



Band38-5MHz-16QAM-37775-1RB#0-PASS

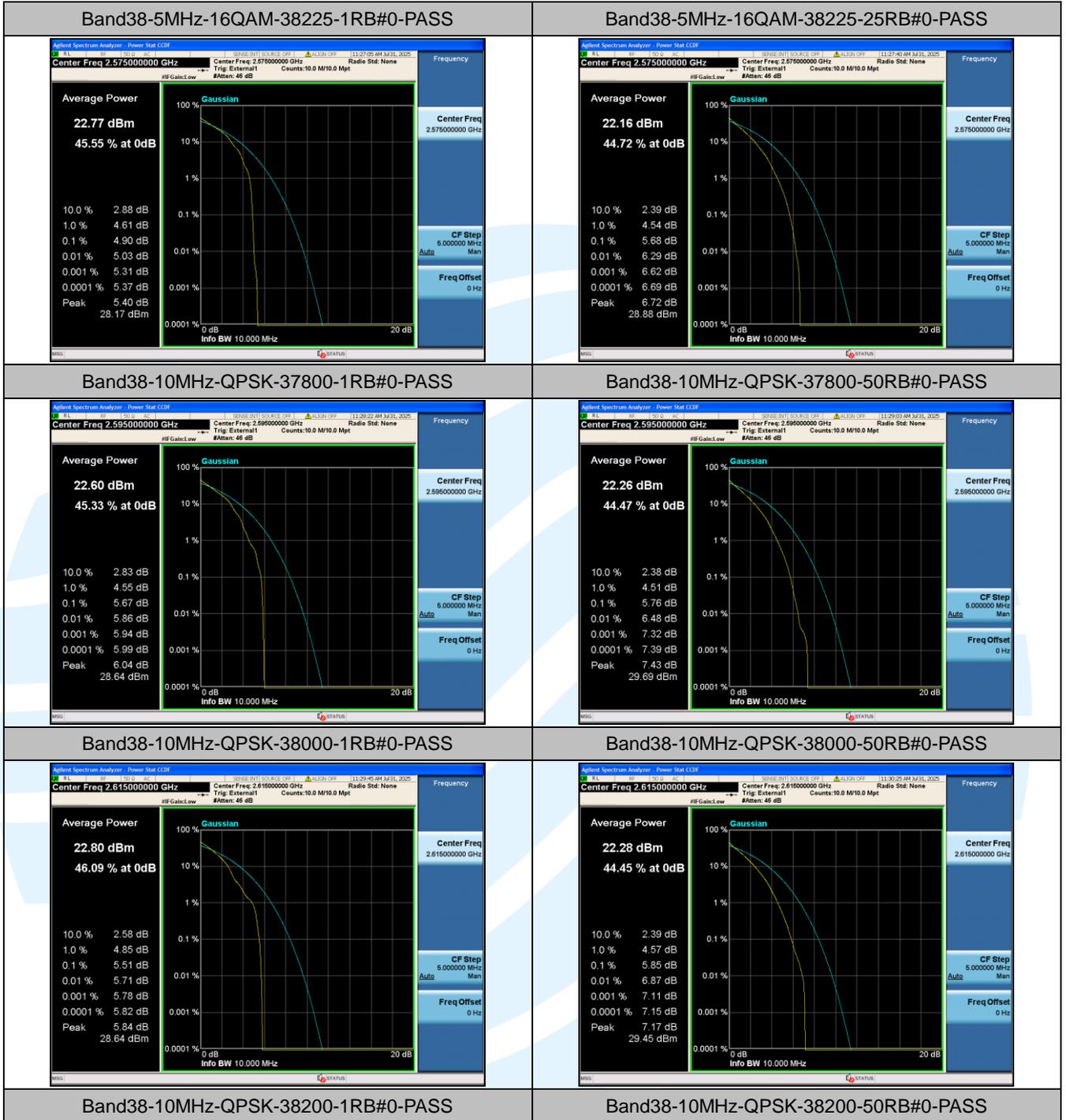
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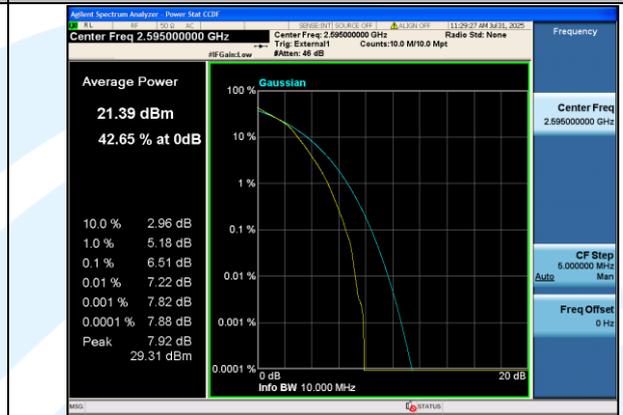
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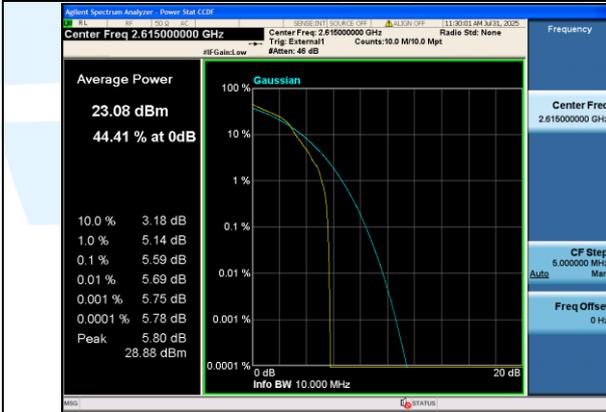
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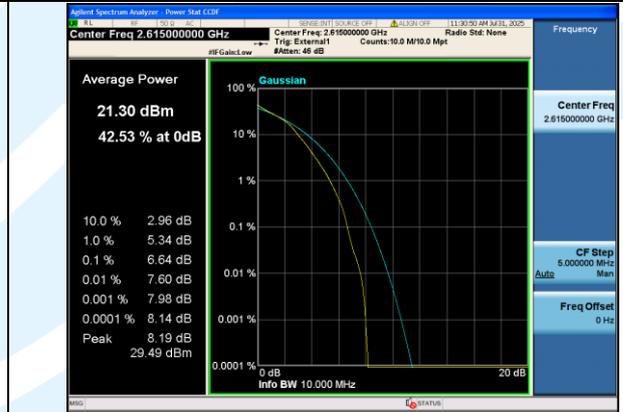
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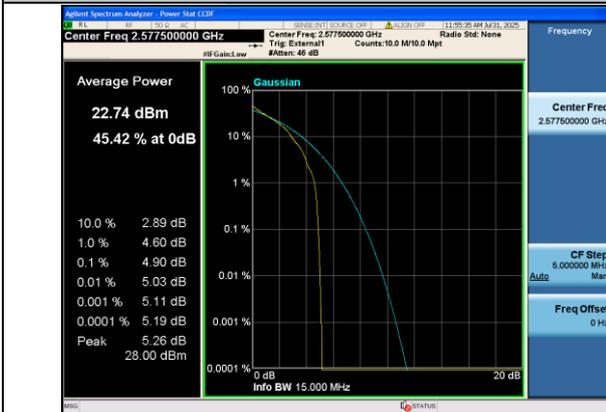
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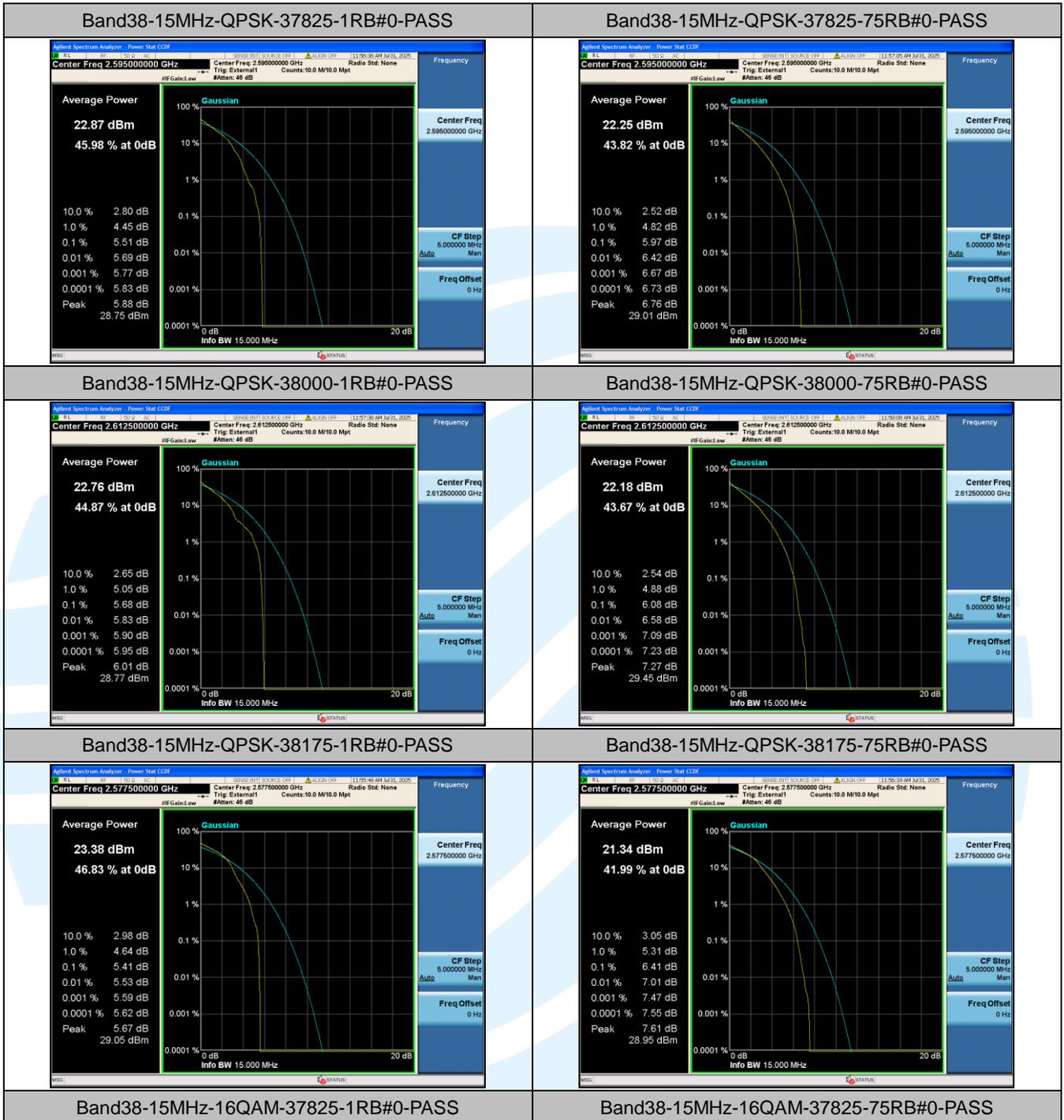
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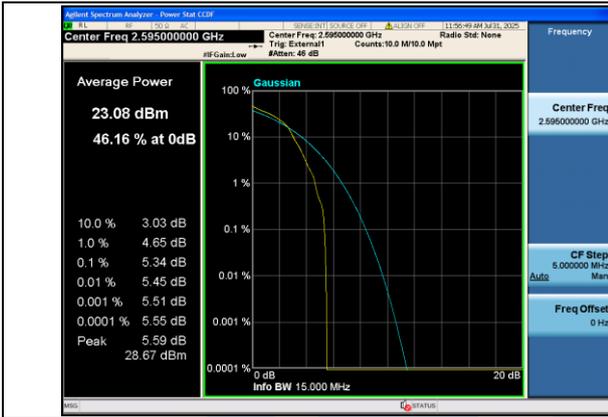


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Band38-10MHz-16QAM-37800-50RB#0-PASS





Band38-15MHz-16QAM-38000-1RB#0-PASS



Band38-15MHz-16QAM-38000-75RB#0-PASS



Band38-15MHz-16QAM-38175-1RB#0-PASS



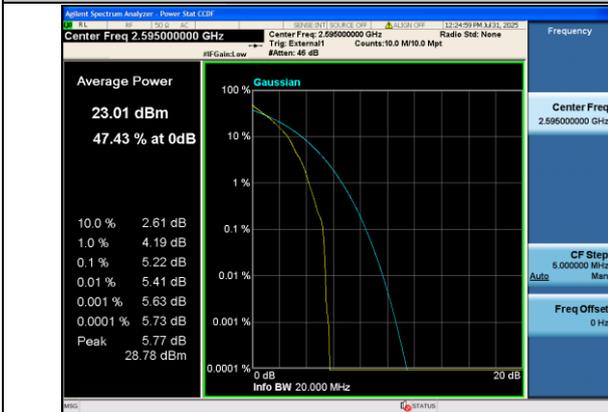
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Band38-20MHz-QPSK-37850-1RB#0-PASS



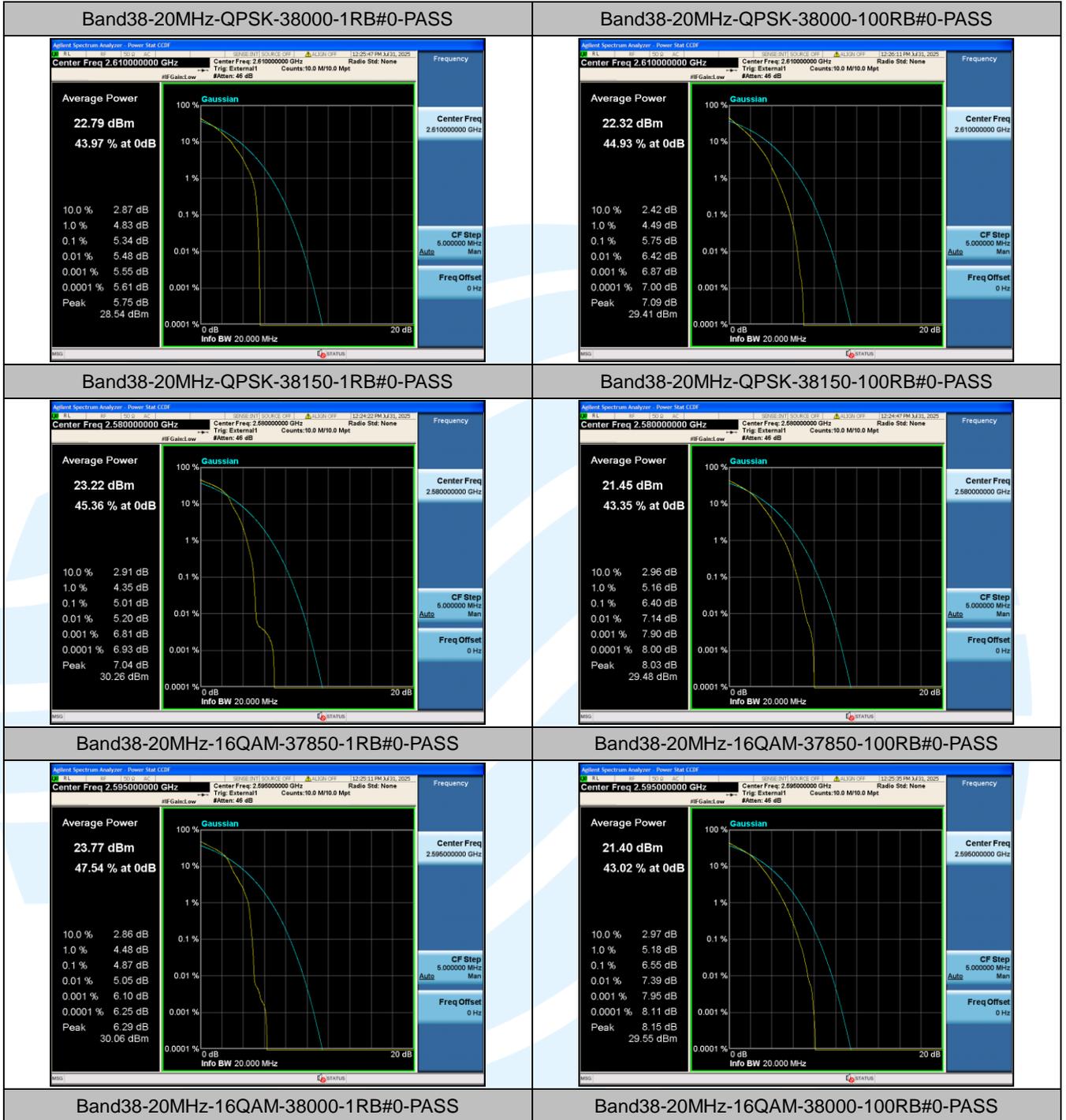
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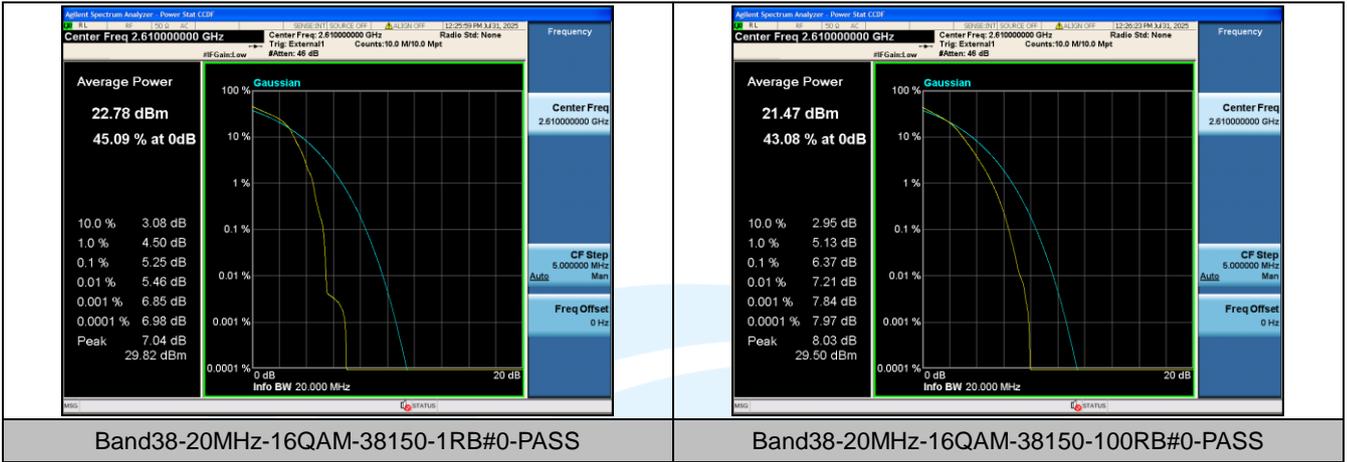


Band38-20MHz-QPSK-37850-1RB#0-PASS



Band38-20MHz-QPSK-37850-100RB#0-PASS





A.2 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0916	1.245	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0921	1.241	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0952	1.245	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1029	1.248	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1029	1.252	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0956	1.257	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7142	3.026	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7060	3.023	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7121	3.026	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7027	3.036	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7059	3.040	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7043	3.020	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5080	4.974	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5006	4.976	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5085	4.995	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5044	4.960	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5101	4.996	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5294	5.009	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9847	9.862	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0116	9.896	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9606	9.855	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9815	9.857	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9954	9.958	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9827	9.932	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.489	14.84	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.495	15.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.447	14.85	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.479	14.93	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.491	14.98	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.493	14.95	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.975	19.66	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.050	19.88	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.972	19.60	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.987	19.66	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.034	19.72	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.004	19.78	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0965	1.249	PASS

Band4	1.4MHz	QPSK	20175	6RB#0	1.0986	1.252	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0918	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0983	1.247	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0890	1.244	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1018	1.251	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7117	3.018	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7008	3.030	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7131	3.032	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6983	3.022	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7097	3.044	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7066	3.022	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5059	4.970	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5029	4.975	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5102	4.992	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5022	4.971	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5080	4.971	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5246	5.006	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9953	9.922	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0106	9.908	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9732	9.896	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9840	9.914	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9909	9.923	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9971	9.916	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.499	15.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.482	14.98	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.458	14.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.492	14.92	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.512	14.83	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.500	15.05	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.977	19.74	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.994	19.75	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.041	19.81	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.996	19.65	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.992	19.77	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.004	19.71	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0910	1.242	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0937	1.247	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1000	1.244	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1010	1.251	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0966	1.248	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0889	1.242	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7036	3.002	PASS

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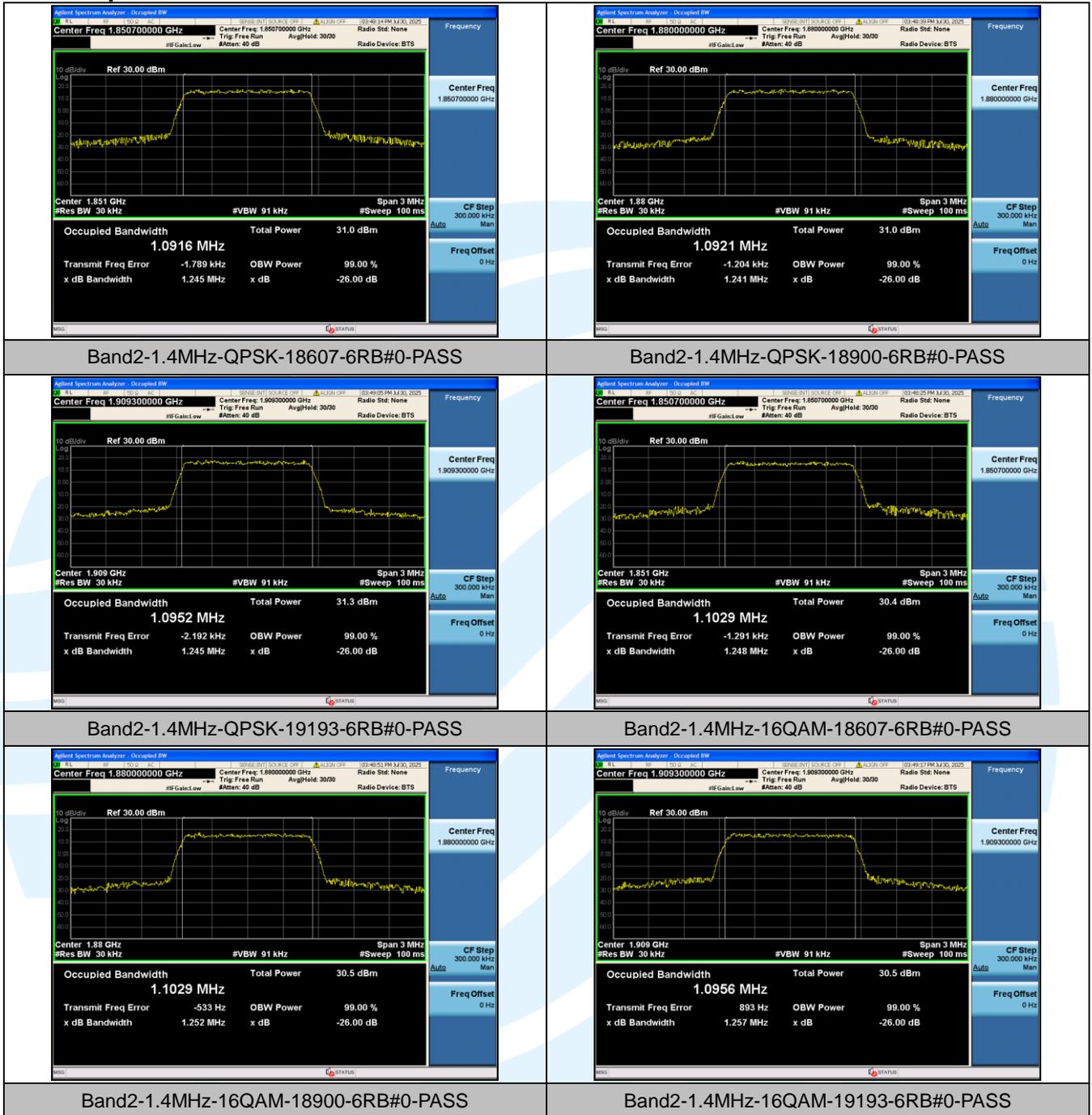
E-mail: info@uttlab.com

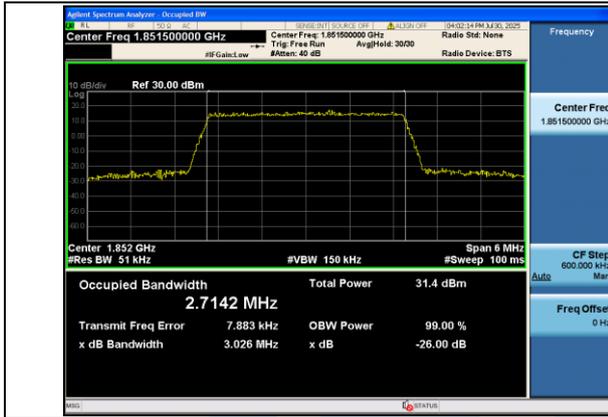
<http://www.uttlab.com>

Band5	3MHz	QPSK	20525	15RB#0	2.7047	3.032	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7104	3.034	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6961	3.016	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7035	3.040	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7051	3.027	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5046	4.978	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5010	4.960	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5136	4.981	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5002	4.959	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5111	4.984	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5266	4.998	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9884	9.874	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0098	9.927	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9701	9.898	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9885	9.916	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9906	9.946	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9955	9.909	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5121	4.983	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5039	4.972	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5108	5.019	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5066	4.968	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5183	4.997	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5288	5.007	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0011	9.875	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0042	9.952	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9887	9.863	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9891	9.896	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0071	9.963	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0045	9.923	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.507	14.97	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.488	15.04	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.461	14.96	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.489	14.93	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.521	15.04	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.495	15.02	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.983	19.69	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.070	19.89	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.977	19.63	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.996	19.67	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.999	19.85	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.004	19.79	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.5038	4.972	PASS

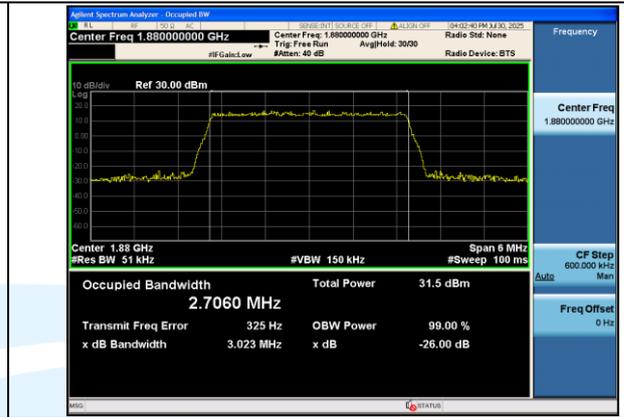
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Band38	5MHz	QPSK	38225	25RB#0	4.4953	5.027	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5154	4.973	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5128	4.999	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4955	4.955	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9944	9.883	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0077	10.02	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9944	10.02	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9935	9.905	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9996	9.908	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9741	9.927	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.497	14.96	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.457	15.31	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.452	15.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.498	14.84	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.508	14.86	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.513	15.11	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.027	19.74	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.024	19.76	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.959	19.67	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.990	19.61	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.981	19.68	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.991	19.77	PASS

Test Graphs

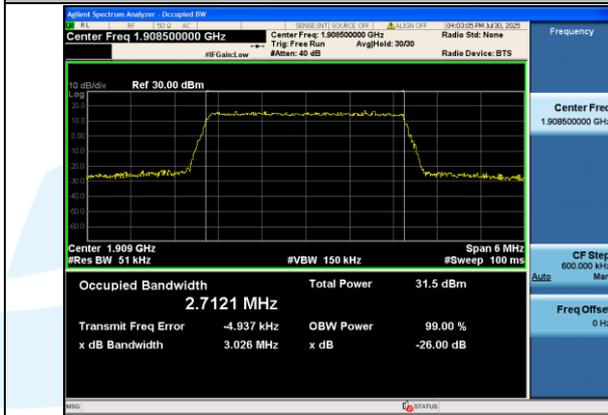




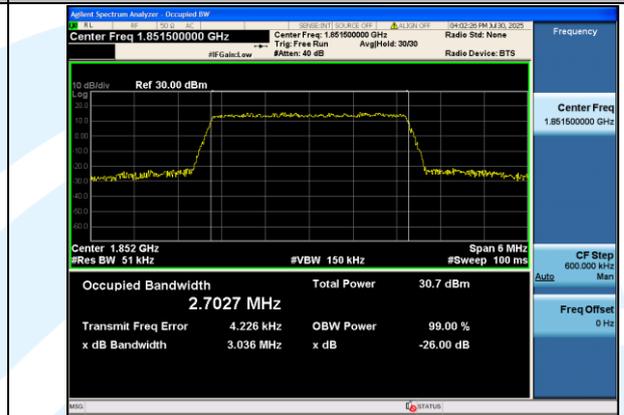
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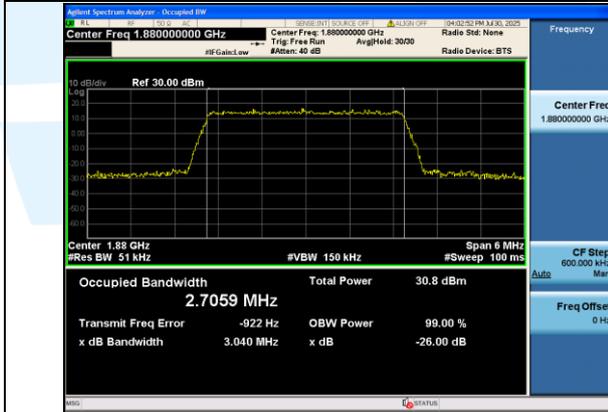
Band2-3MHz-QPSK-18900-15RB#0-PASS



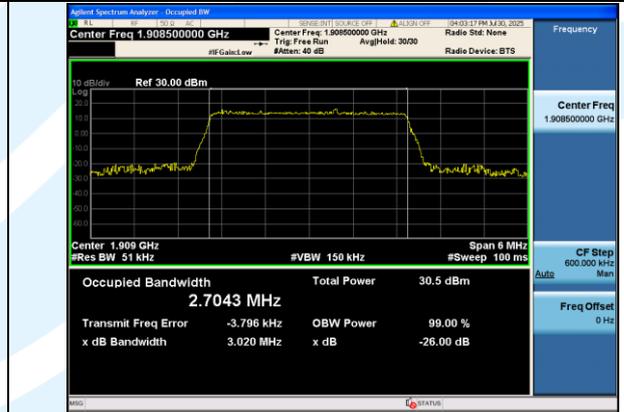
Band2-3MHz-QPSK-19185-15RB#0-PASS



Band2-3MHz-16QAM-18615-15RB#0-PASS



Band2-3MHz-16QAM-18900-15RB#0-PASS



Band2-3MHz-16QAM-19185-15RB#0-PASS

