

Appendix C: 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	1.0958	1.317	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0993	1.372	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1043	1.357	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1080	1.373	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1001	1.337	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0994	1.365	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7055	3.040	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7008	3.060	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7037	3.033	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7052	3.070	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7019	3.086	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6987	3.032	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5244	5.190	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5338	5.229	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5251	5.162	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5160	5.174	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5328	5.249	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5302	5.117	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0072	10.13	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0042	10.05	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0229	9.971	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0171	10.09	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0219	10.17	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0271	10.12	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.488	15.05	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.519	14.97	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.492	14.92	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.501	14.93	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.500	15.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.512	15.01	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.962	19.88	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.983	19.71	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.953	19.70	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.993	19.86	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.011	19.70	PASS

Band2	20MHz	16QAM	19100	100RB#0	17.977	19.82	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.1020	1.371	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1030	1.390	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1059	1.357	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1014	1.355	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0980	1.348	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1019	1.333	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7031	3.057	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7025	3.090	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7035	3.076	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7034	3.037	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7027	3.053	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7063	3.051	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5165	5.169	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5211	5.149	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5210	5.130	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5250	5.155	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5184	5.229	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5295	5.198	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9992	9.940	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0092	10.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9900	10.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0150	10.16	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0225	10.08	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9990	10.07	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.512	14.96	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	15.02	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.06	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.479	15.06	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.501	15.15	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.525	15.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.983	19.93	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.011	19.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.960	19.92	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.943	19.75	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.028	19.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.047	19.89	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5276	5.193	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5196	5.153	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5304	5.152	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5174	5.203	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5237	5.153	PASS

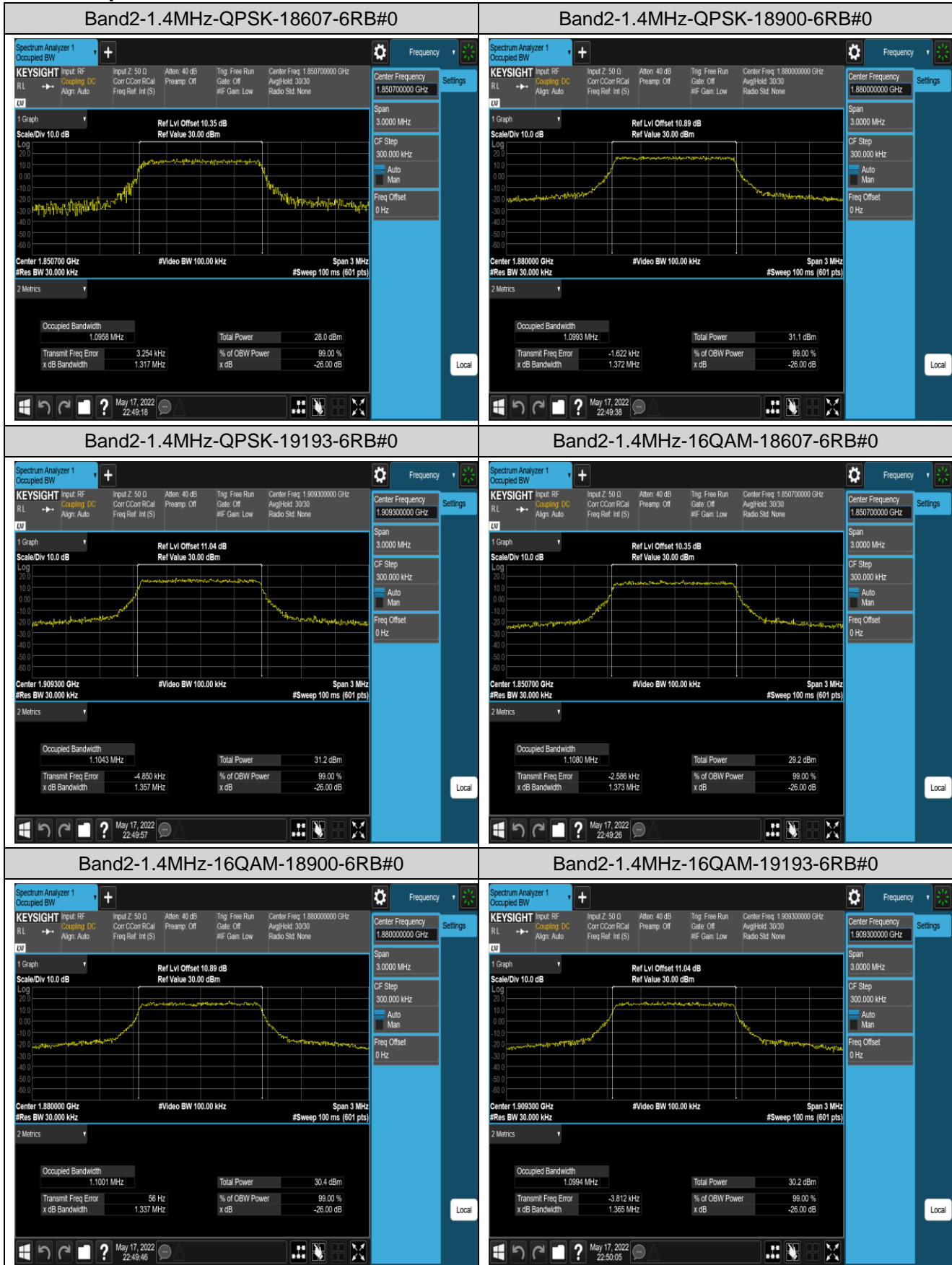
Band7	5MHz	16QAM	21425	25RB#0	4.5246	5.198	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0044	10.05	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9945	10.02	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0247	10.16	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0004	10.13	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0464	10.06	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0151	9.992	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.520	14.98	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.511	14.95	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.499	15.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.505	14.98	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.492	15.23	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.500	14.83	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.998	19.77	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.985	19.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.977	19.85	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.985	19.72	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.015	19.90	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.979	19.93	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.1018	1.358	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1040	1.384	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0982	1.369	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1006	1.374	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1026	1.369	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1049	1.366	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7100	3.077	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7049	3.039	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7024	3.027	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7004	3.056	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7083	3.078	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7071	3.035	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5218	5.188	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5228	5.209	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5185	5.146	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5212	5.232	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5208	5.211	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5148	5.199	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9973	10.10	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0299	10.06	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9720	9.980	PASS
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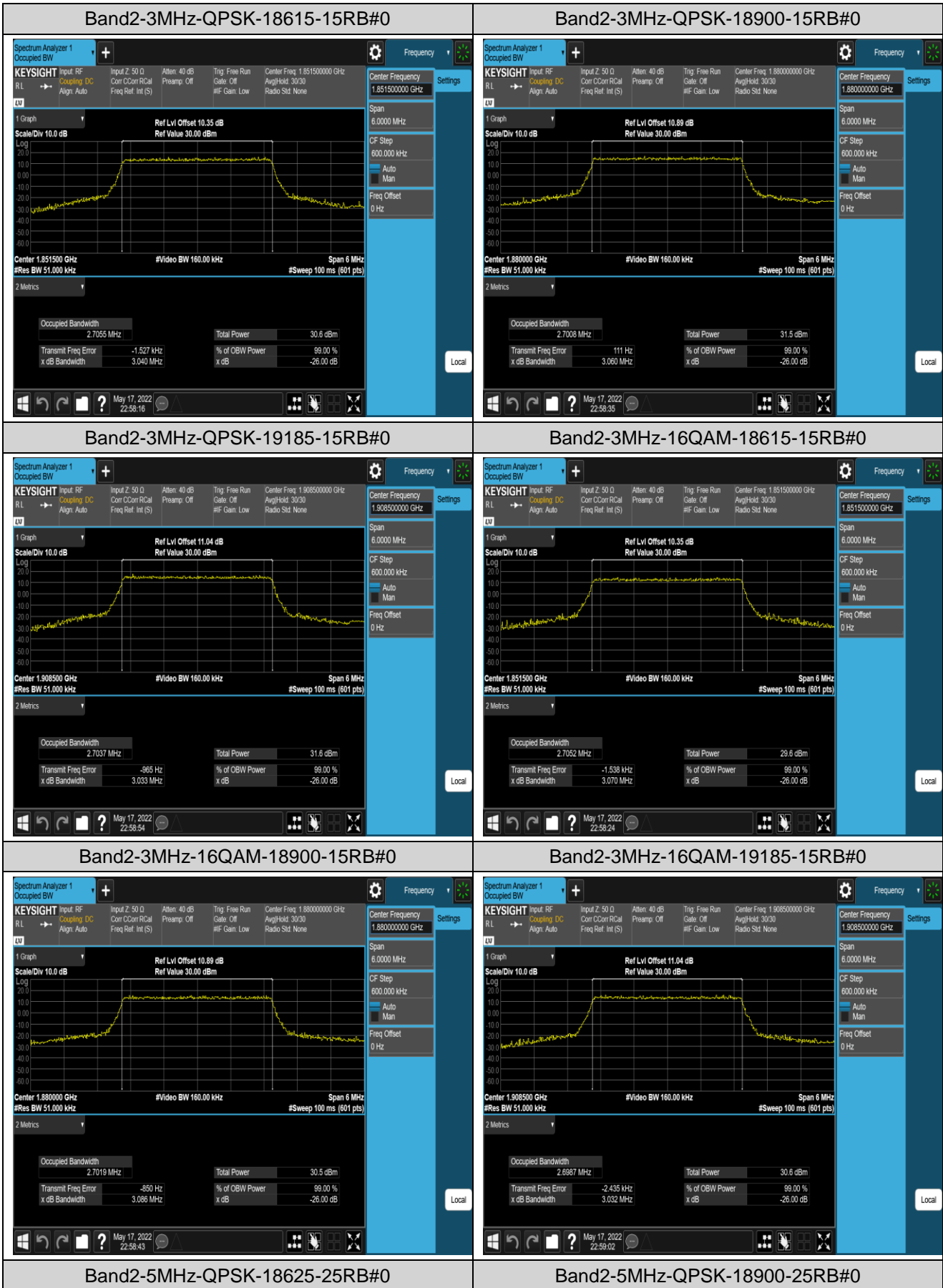
Band12	10MHz	16QAM	23130	50RB#0	8.9993	10.11	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5284	5.212	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5251	5.187	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5112	5.203	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5315	5.193	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5278	5.217	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5232	5.184	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0255	10.22	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9971	10.08	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9678	9.848	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0092	10.03	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0028	10.01	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9891	10.07	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	1.1014	1.366	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.1021	1.355	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.1031	1.381	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	1.1013	1.355	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.1029	1.343	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.1004	1.349	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.0981	1.359	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.0989	1.356	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.1001	1.365	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.1019	1.335	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.0963	1.344	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.1023	1.379	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.7022	3.058	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.6963	3.012	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.7110	3.033	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.6994	3.072	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.7021	3.027	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.7055	3.052	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.7001	3.036	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.7057	3.067	PASS
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Band26	3MHz	16QAM	26915	15RB#0	2.7005	3.036	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.6997	3.035	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.5249	5.172	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.5308	5.183	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.5180	5.242	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.5282	5.154	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.5230	5.198	PASS

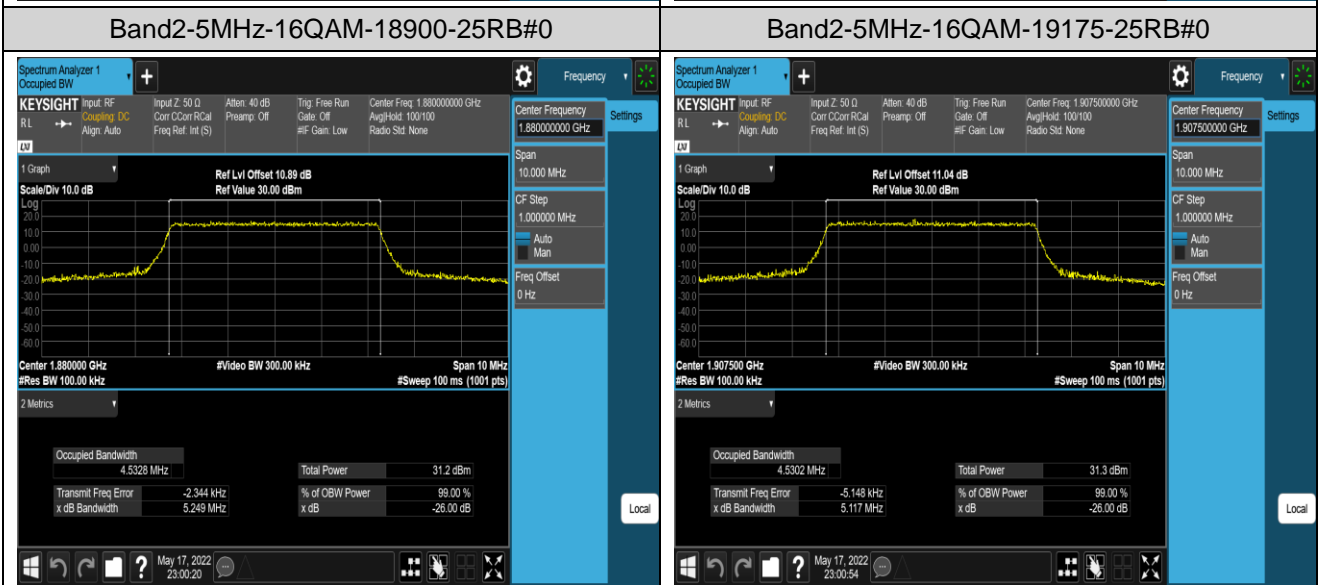
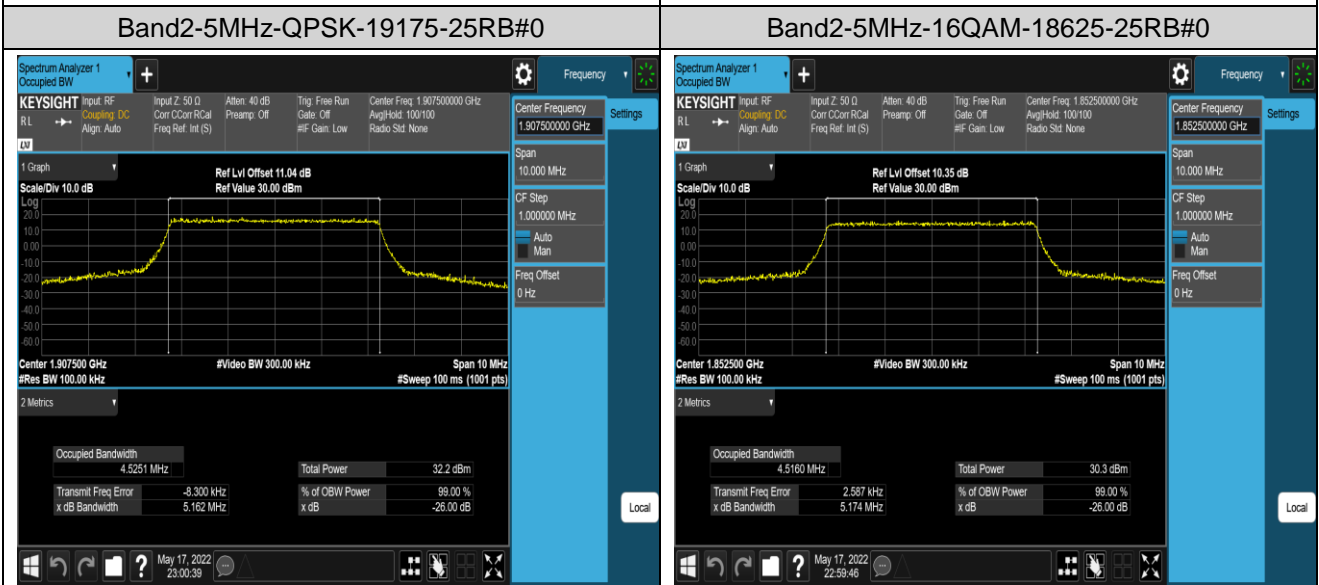
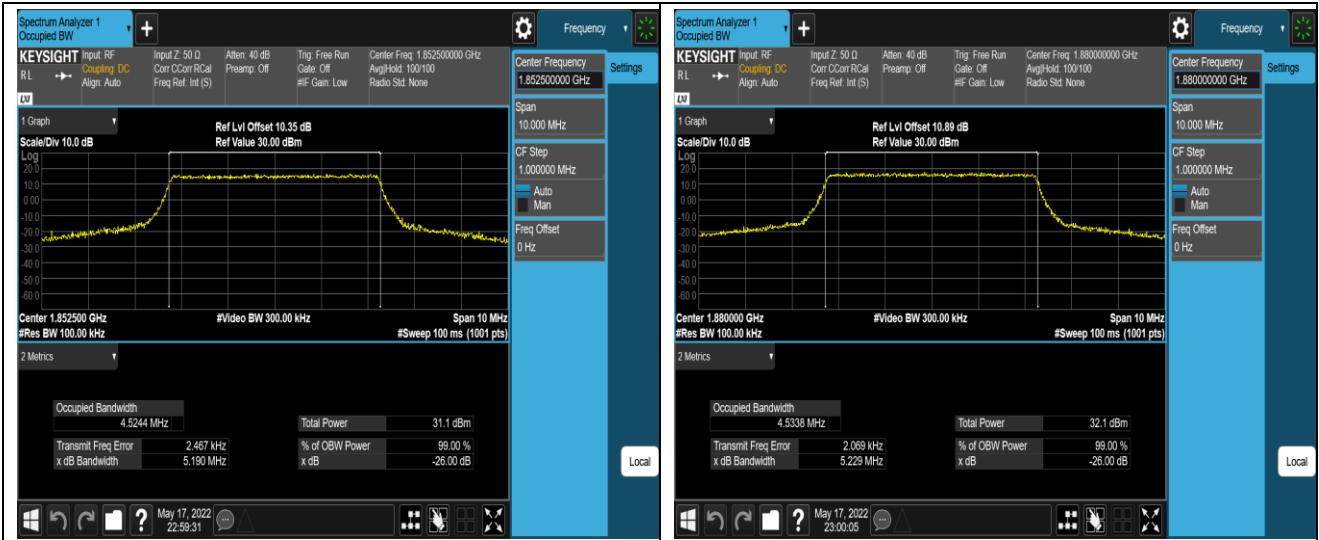
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Band26	5MHz	16QAM	26740	25RB#0	4.5213	5.223	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.5340	5.253	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.5252	5.117	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.5211	5.194	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.5157	5.141	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.9975	10.04	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9660	9.957	PASS
Band26	10MHz	QPSK	26915	50RB#0	9.0067	10.07	PASS
Band26	10MHz	QPSK	26990	50RB#0	9.0090	10.23	PASS
Band26	10MHz	16QAM	26740	50RB#0	9.0090	10.37	PASS
Band26	10MHz	16QAM	26840	50RB#0	9.0013	9.985	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.9975	9.972	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.9825	9.963	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.474	15.04	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.523	15.07	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.496	15.10	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.471	14.90	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.489	14.95	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.491	15.04	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.5095	5.146	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5371	5.457	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5372	5.546	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5147	5.371	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5225	5.210	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5109	5.313	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.0275	10.03	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0168	10.46	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0099	10.33	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.0002	10.78	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.0094	10.12	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0138	11.44	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.460	15.23	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.485	15.24	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.537	15.26	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.487	16.05	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.482	15.08	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.491	17.12	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.967	21.42	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.957	20.40	PASS
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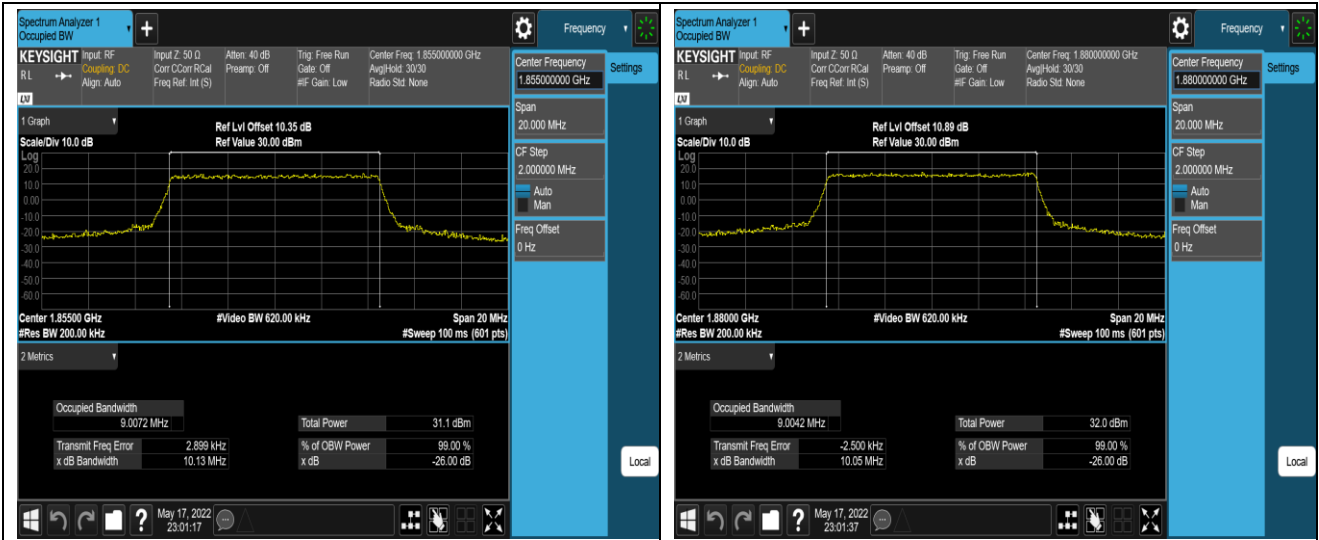
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Test Graphs



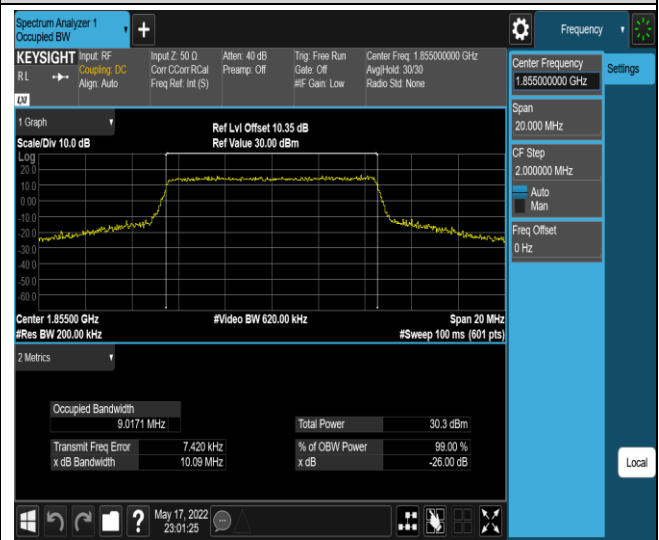
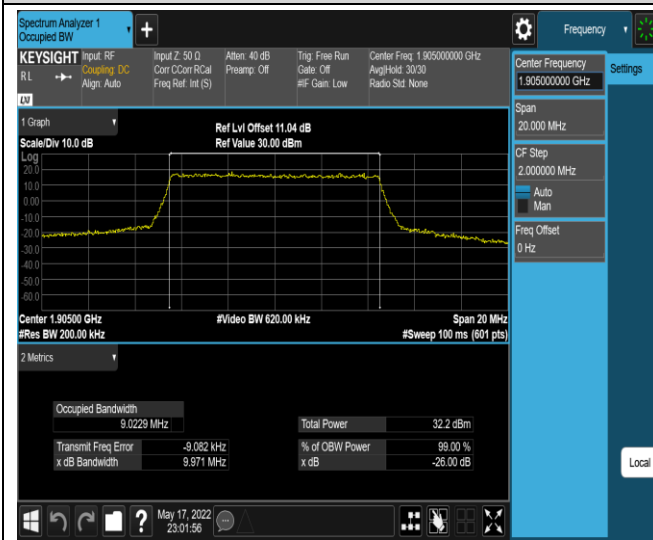






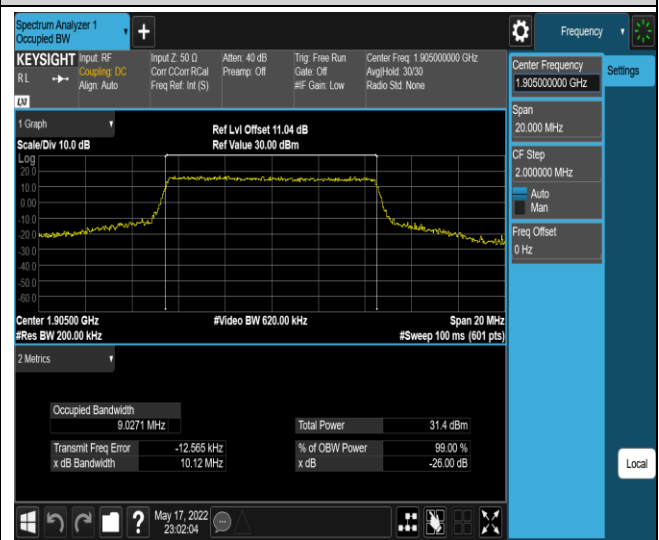
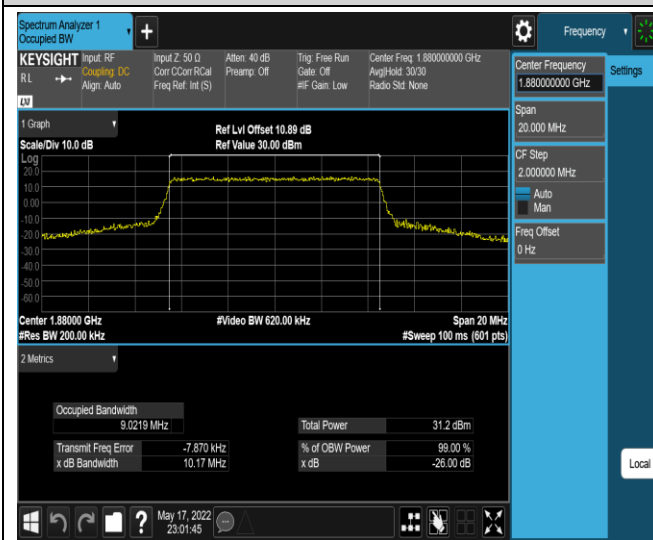
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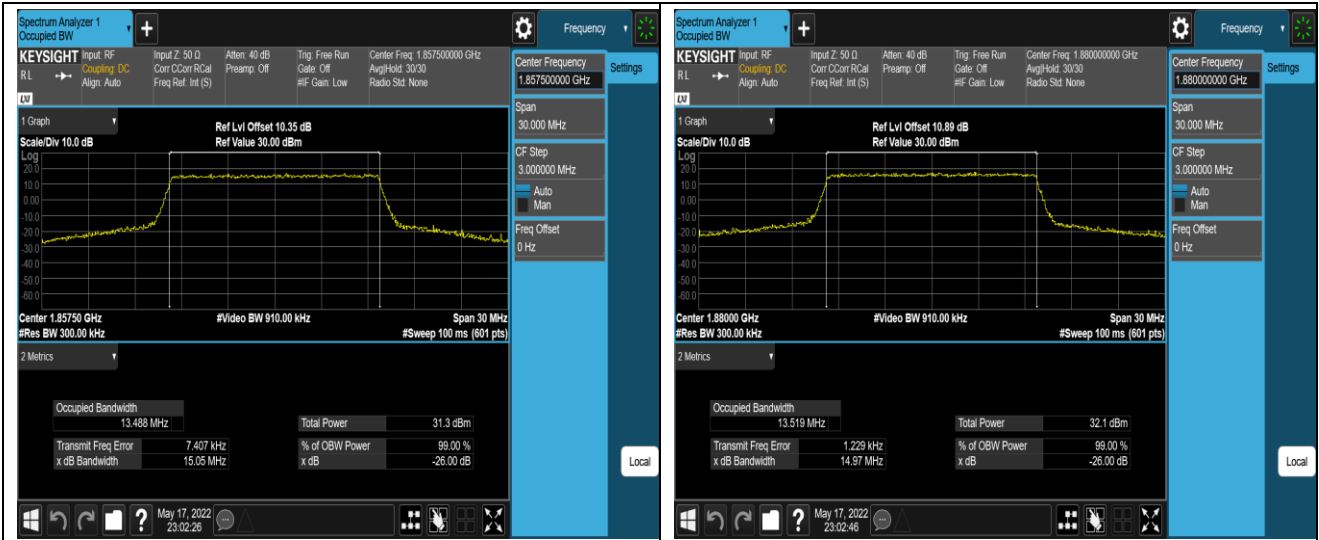
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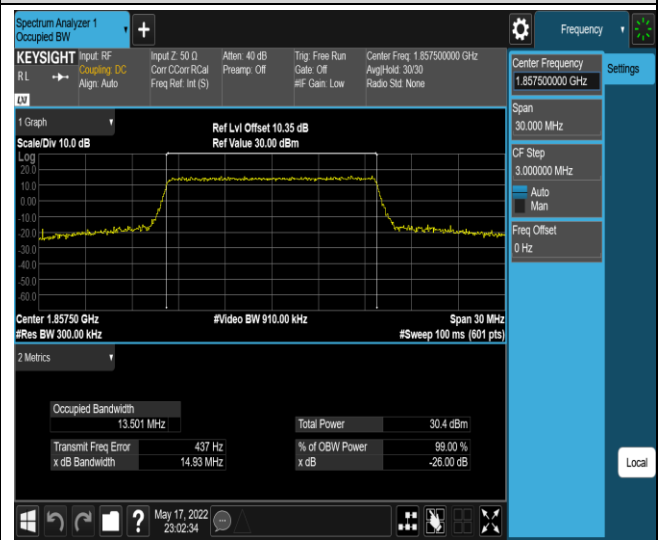
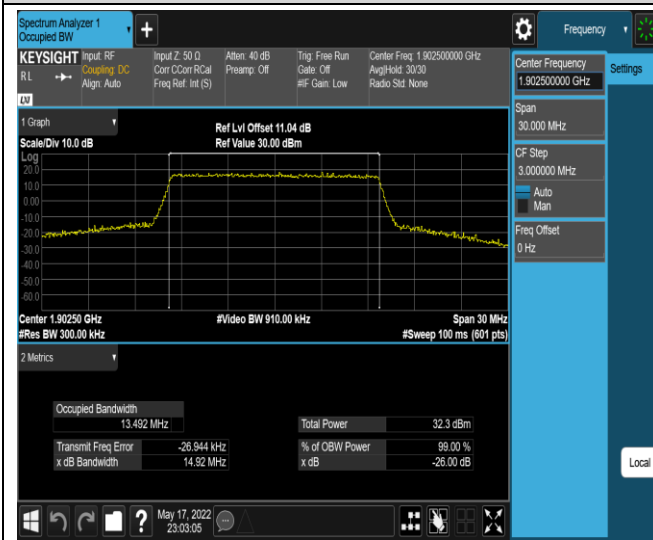
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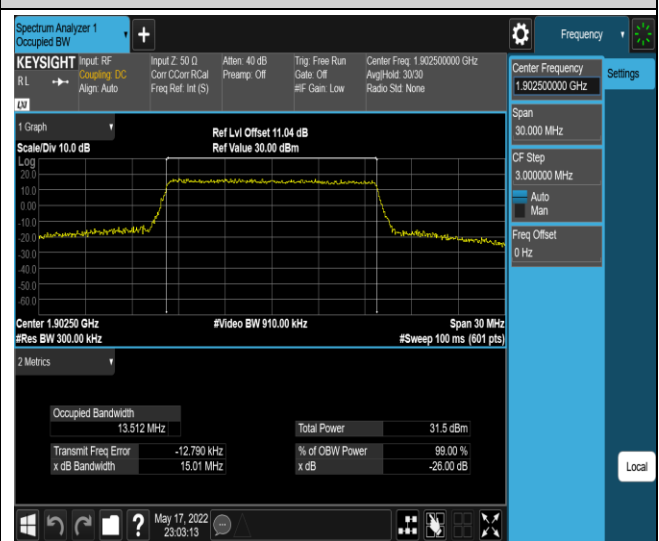
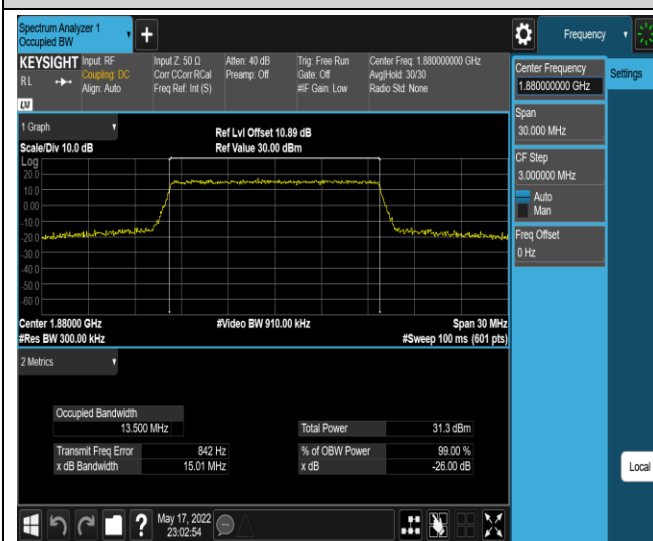
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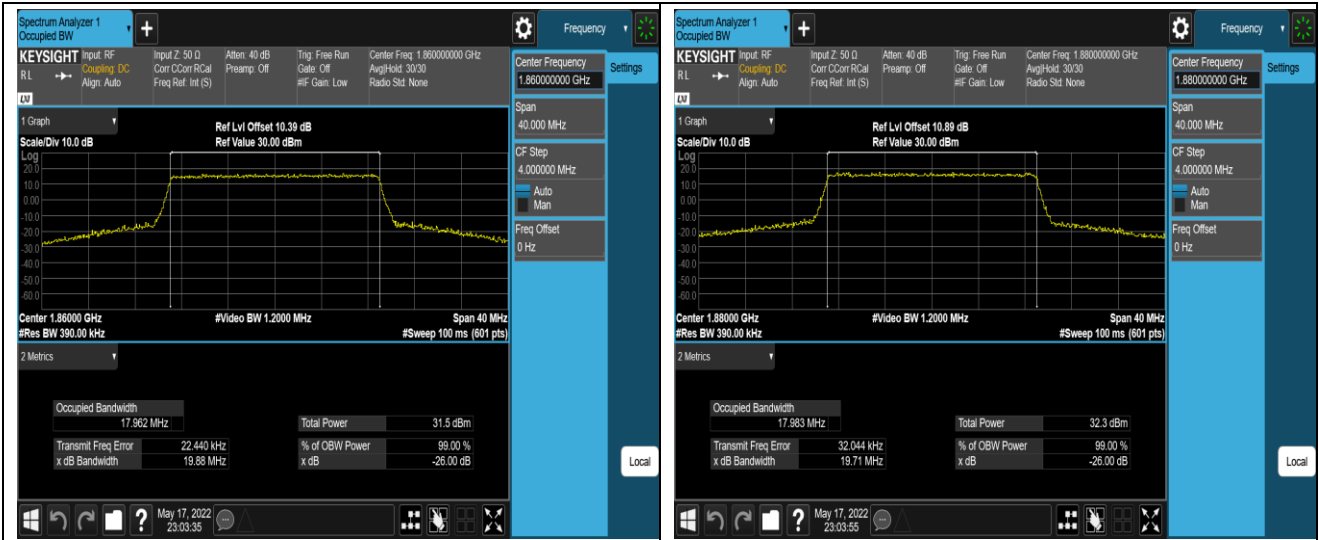
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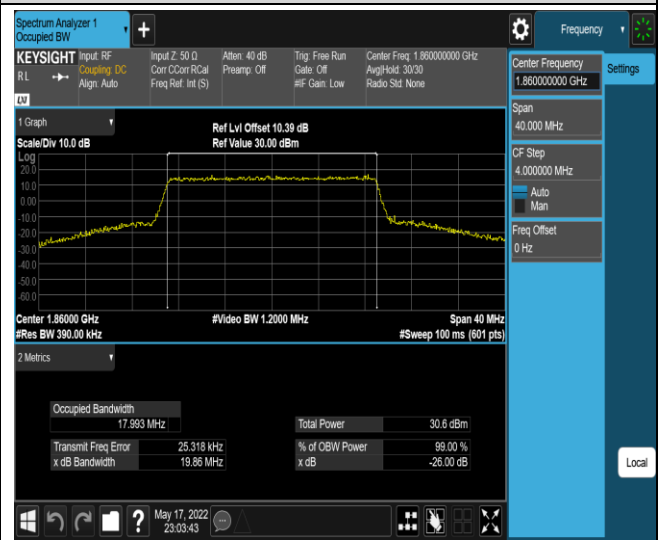
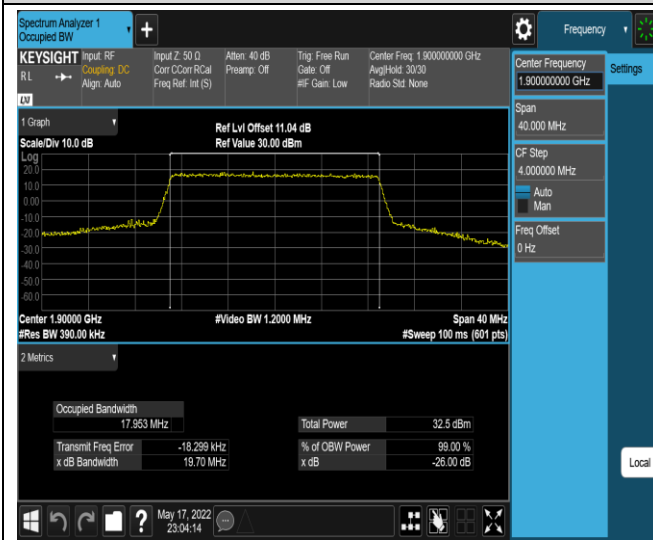
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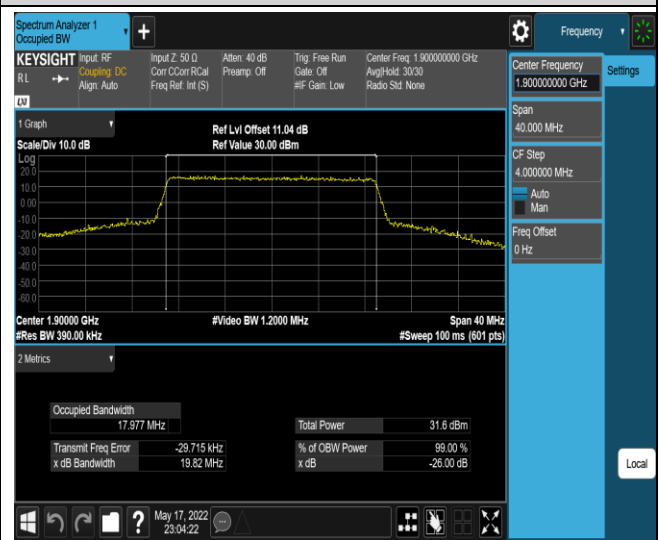
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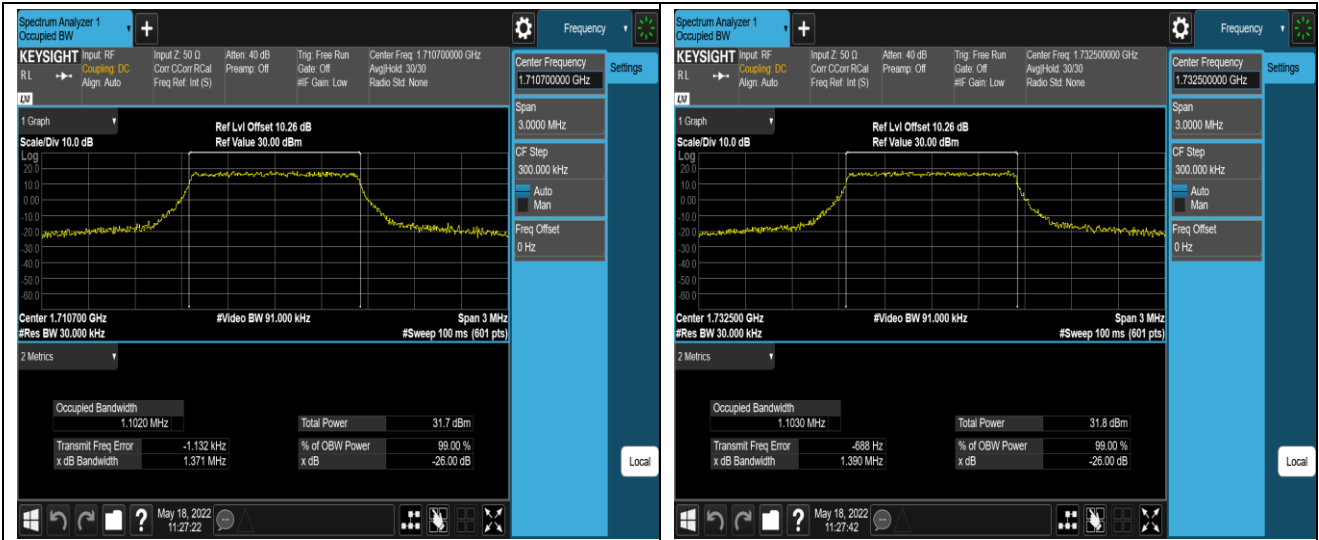
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Band2-20MHz-16QAM-19100-100RB#0



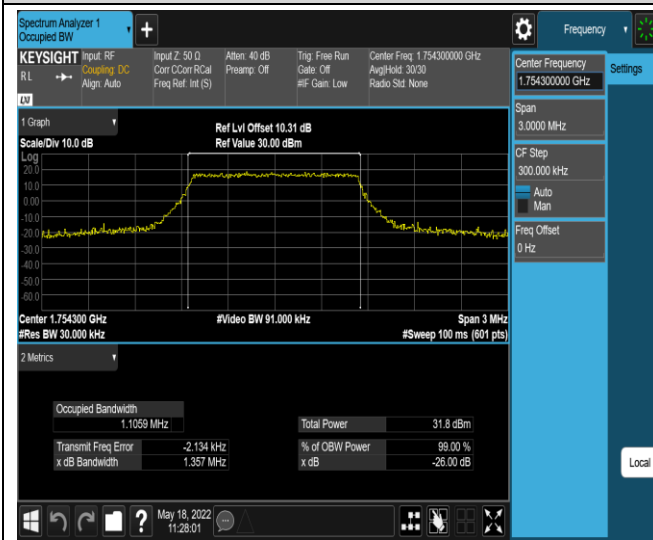
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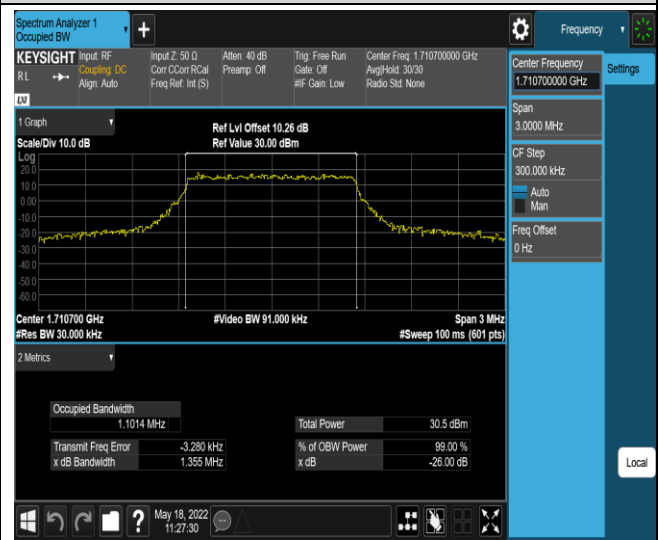


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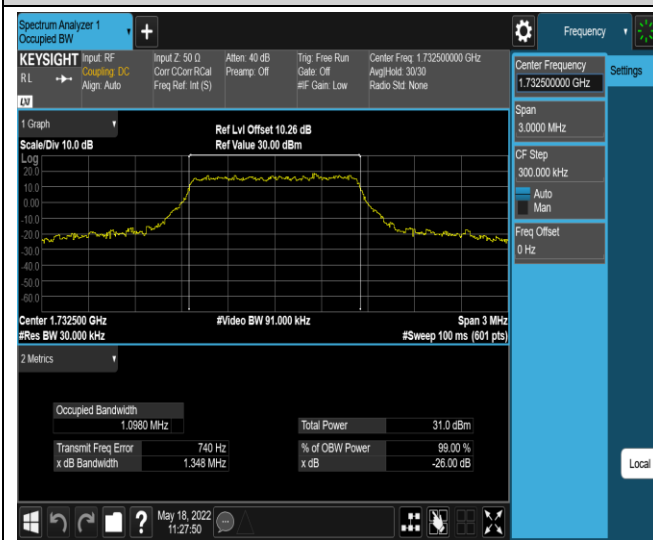
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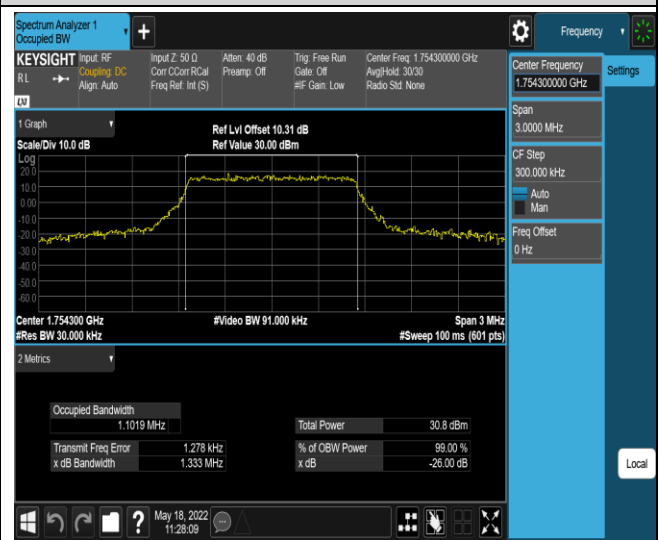
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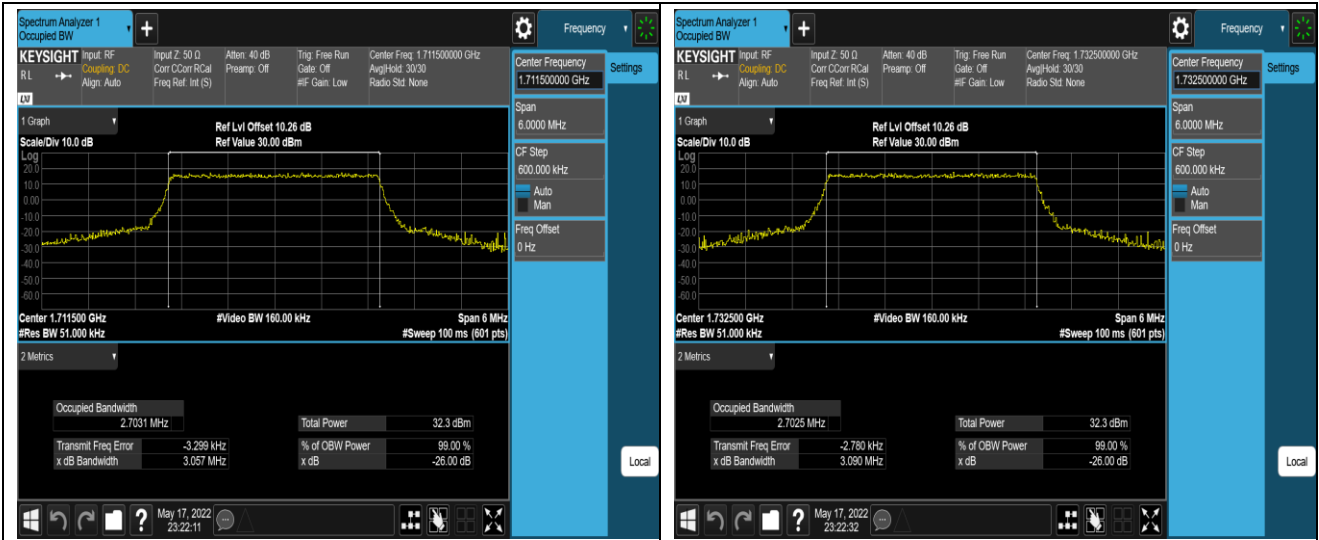
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Band4-3MHz-QPSK-19965-15RB#0

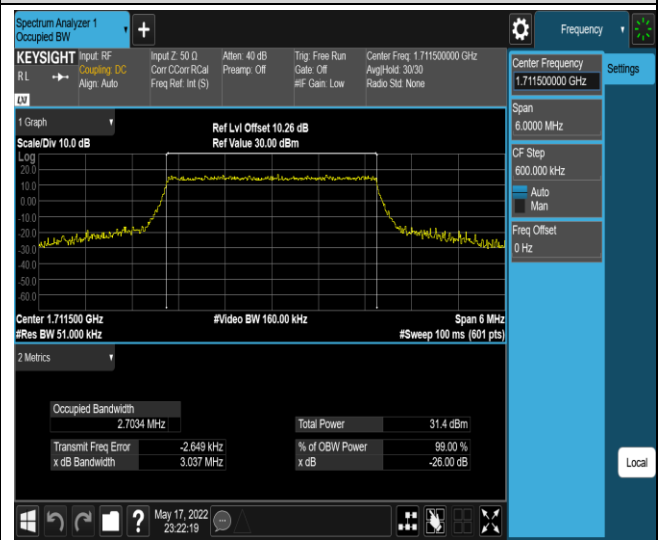
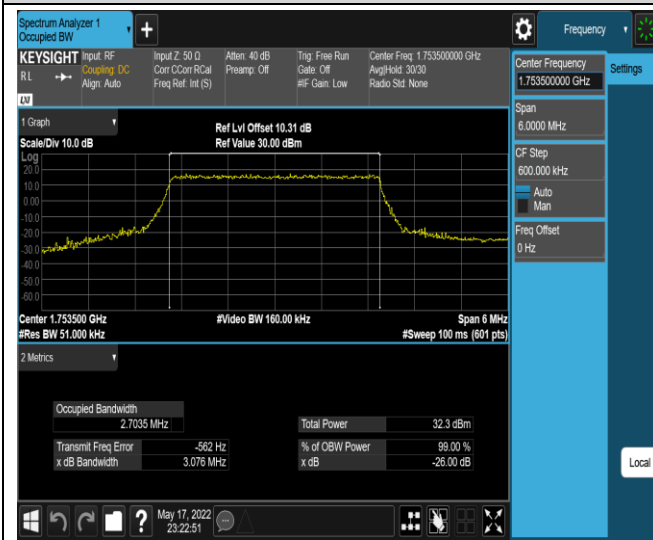


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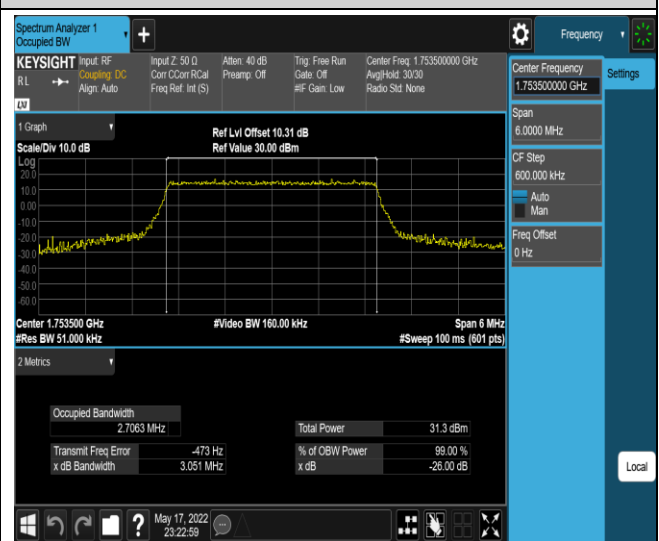
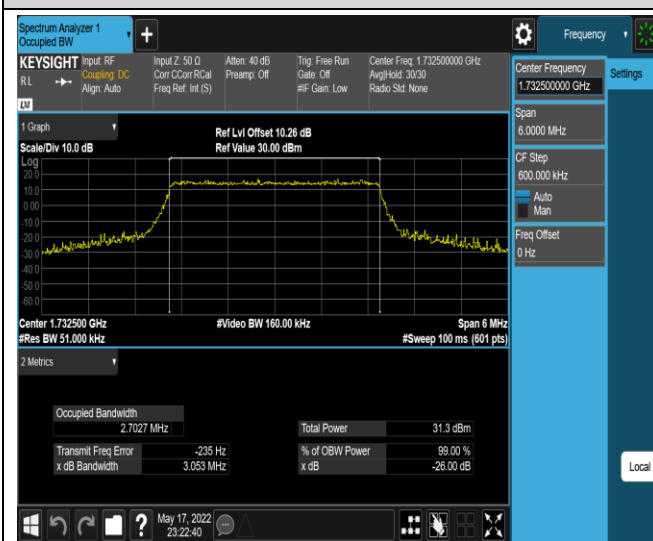
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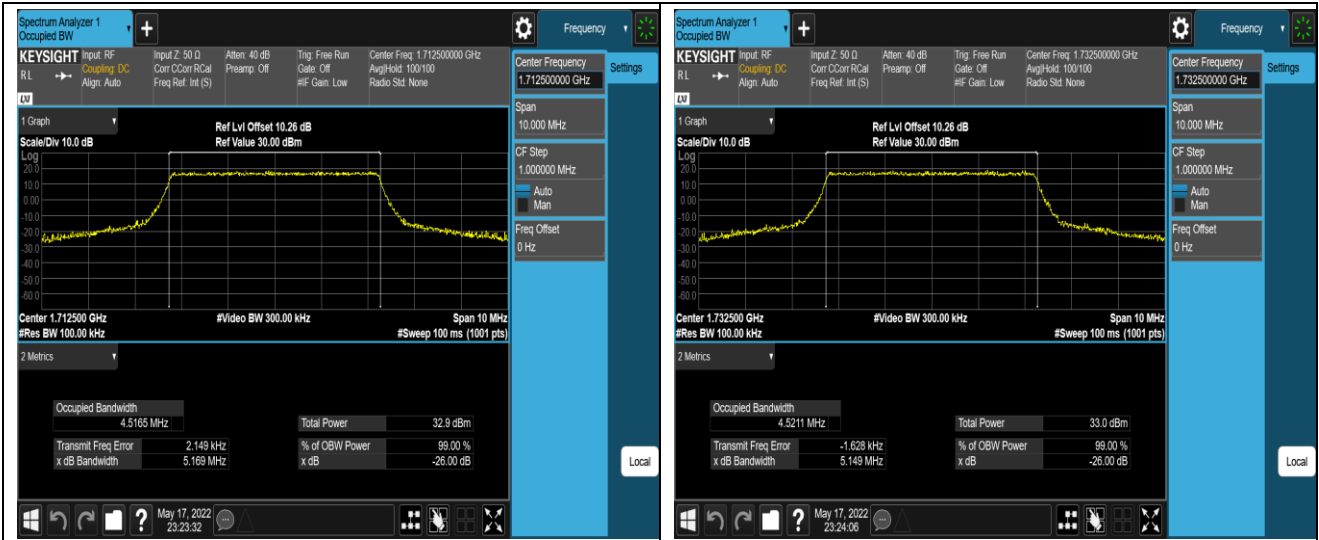
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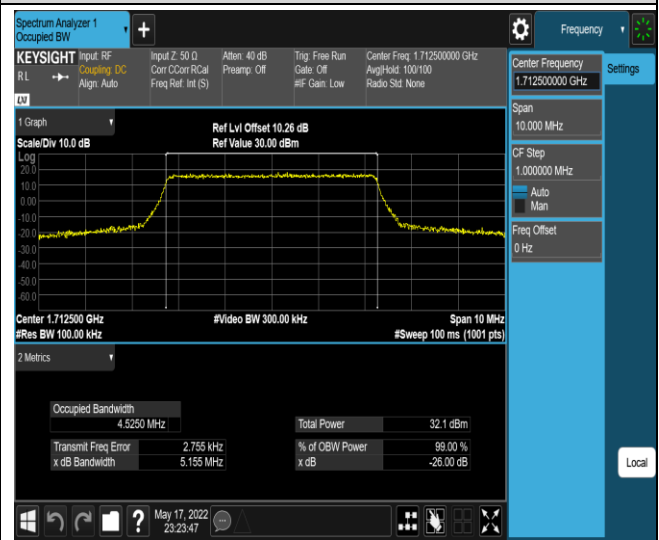
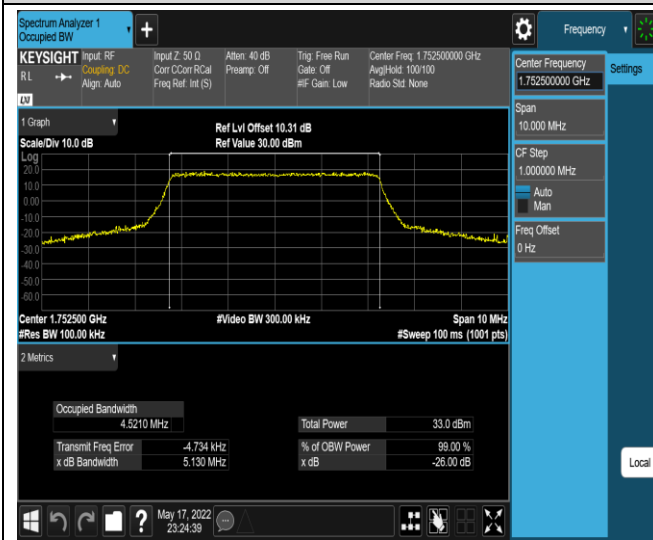
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Band4-5MHz-QPSK-20175-25RB#0



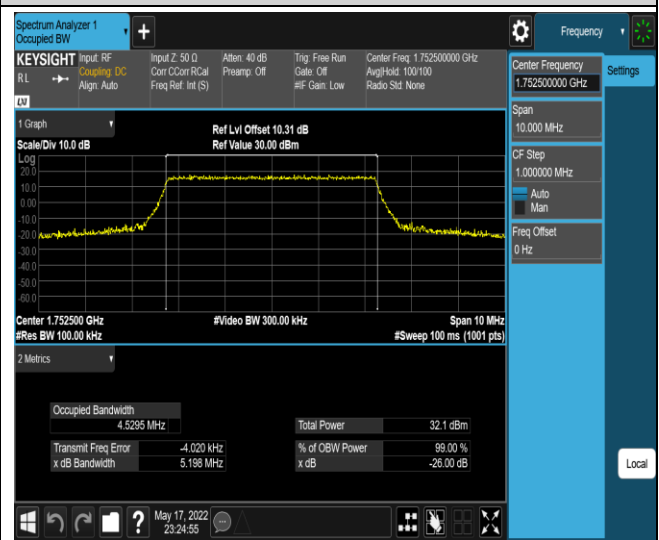
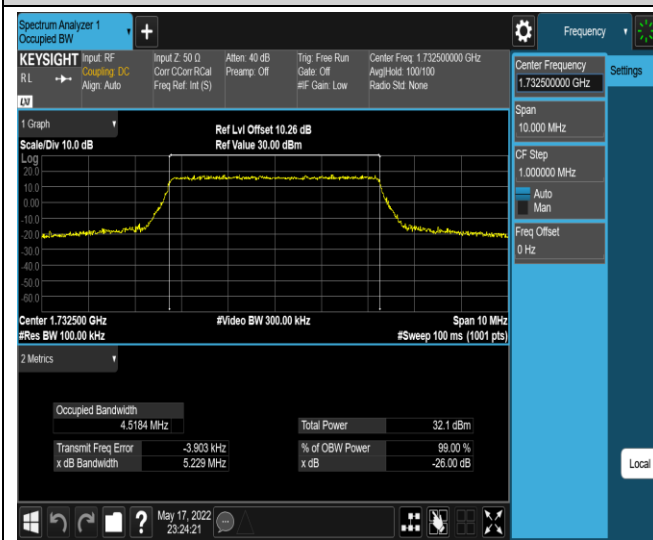
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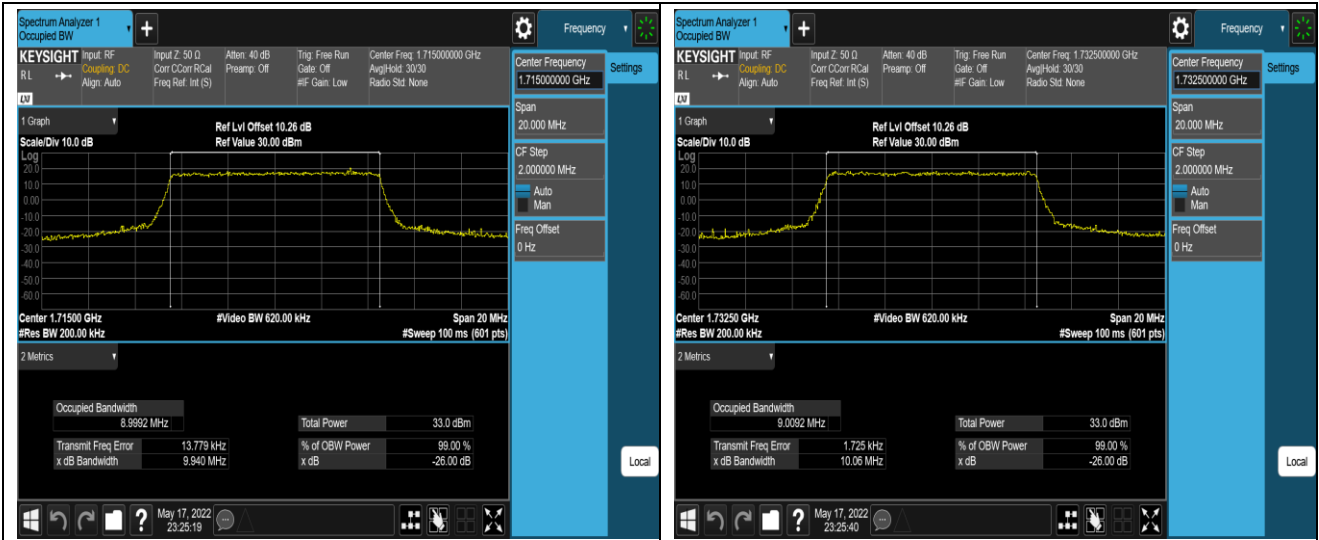
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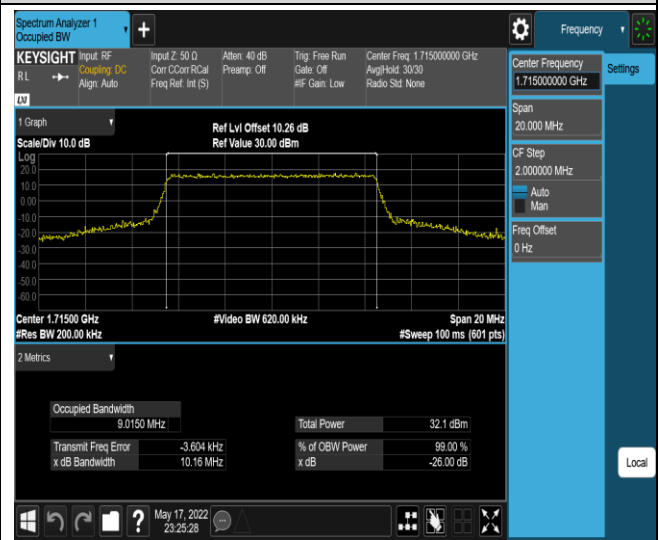
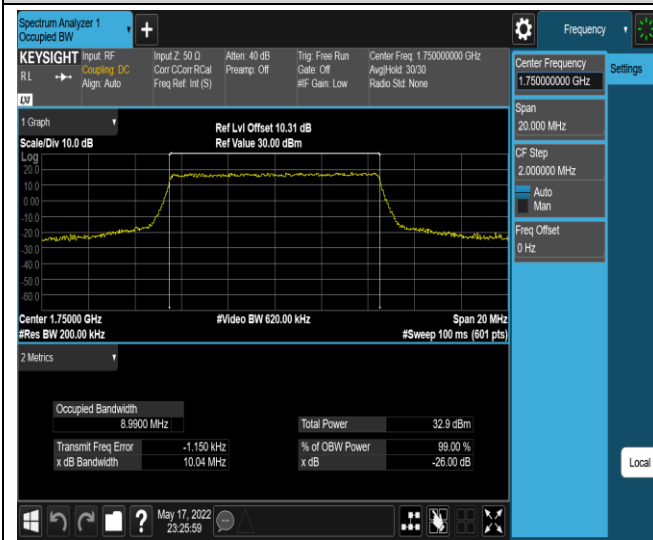
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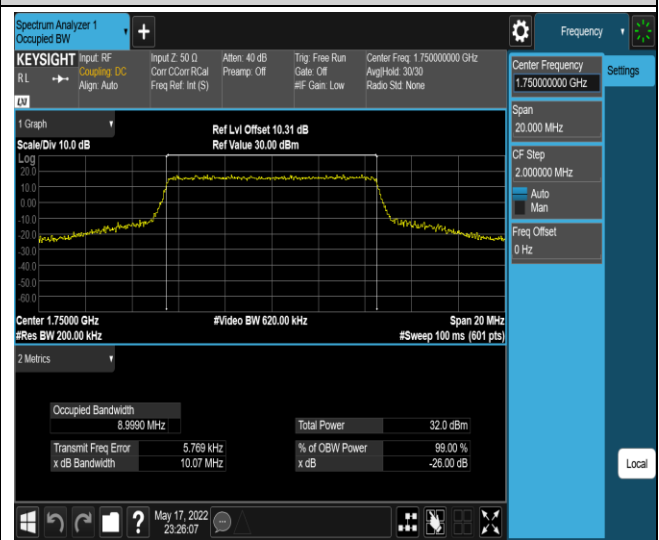
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Band4-10MHz-16QAM-20000-50RB#0



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Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20175-75RB#0