



Band12_10MHz_QPSK_23060_1RB#0



Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_QPSK_23095_1RB#0



Band12_10MHz_QPSK_23095_50RB#0



Band12_10MHz_QPSK_23130_1RB#0



Band12_10MHz_QPSK_23130_50RB#0



Band12_10MHz_16QAM_23060_1RB#0



Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_16QAM_23095_1RB#0



Band12_10MHz_16QAM_23095_50RB#0



Band12_10MHz_16QAM_23130_1RB#0



Band12_10MHz_16QAM_23130_50RB#0



Band17_5MHz_QPSK_23755_1RB#0



Band17_5MHz_QPSK_23755_25RB#0



Band17_5MHz_QPSK_23790_1RB#0



Band17_5MHz_QPSK_23790_25RB#0



Band17_5MHz_QPSK_23825_1RB#0



Band17_5MHz_QPSK_23825_25RB#0



Band17_5MHz_16QAM_23755_1RB#0



Band17_5MHz_16QAM_23755_25RB#0



Band17_5MHz_16QAM_23790_1RB#0



Band17_5MHz_16QAM_23790_25RB#0



Band17_5MHz_16QAM_23825_1RB#0



Band17_5MHz_16QAM_23825_25RB#0



Band17_10MHz_QPSK_23780_1RB#0



Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_QPSK_23790_1RB#0



Band17_10MHz_QPSK_23790_50RB#0



Band17_10MHz_QPSK_23800_1RB#0



Band17_10MHz_QPSK_23800_50RB#0



Band17_10MHz_16QAM_23780_1RB#0



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Band17_10MHz_16QAM_23790_1RB#0



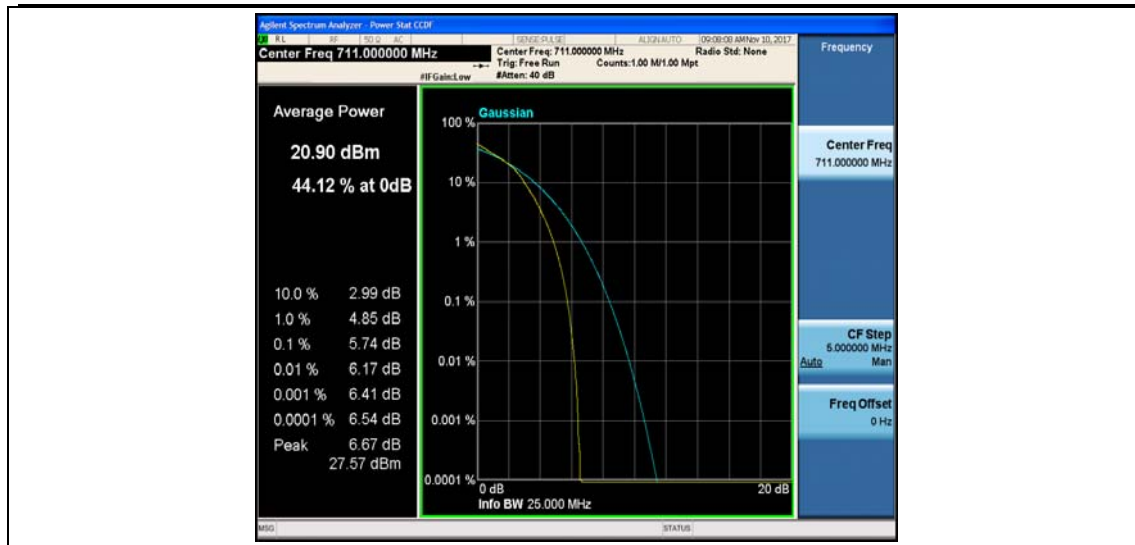
Band17_10MHz_16QAM_23790_50RB#0



Band17_10MHz_16QAM_23800_1RB#0



Band17_10MHz_16QAM_23800_50RB#0



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	1.0934	1.269	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0903	1.279	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0932	1.264	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1011	1.284	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0951	1.278	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0895	1.262	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6835	2.930	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6808	2.920	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6838	2.896	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6832	2.920	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6817	2.922	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6857	2.907	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4993	5.064	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5105	5.064	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5229	5.068	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5021	5.002	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5105	5.062	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5118	5.086	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9434	9.742	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9654	9.759	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9505	9.781	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9572	9.765	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9419	9.779	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9477	9.763	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.488	14.89	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.519	14.97	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.477	14.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.471	14.82	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.493	14.88	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.488	14.78	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.895	19.41	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.956	19.45	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.886	19.43	PASS

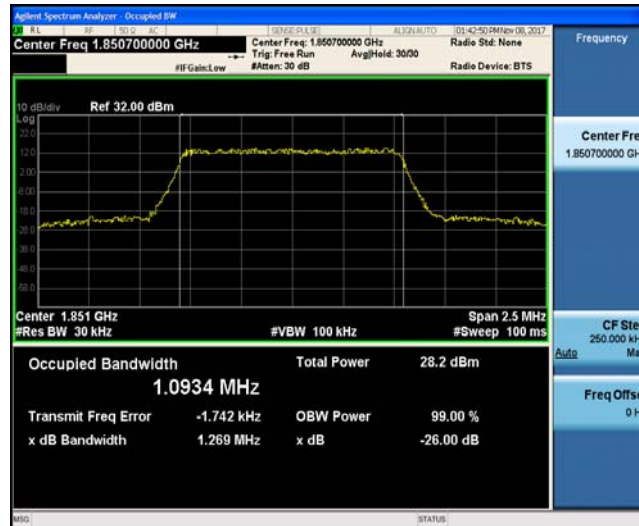
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Band2	20MHz	16QAM	18900	100RB#0	17.954	19.50	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.910	19.44	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0894	1.277	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0891	1.277	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0950	1.267	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0986	1.291	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0943	1.286	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0916	1.264	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6850	2.922	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6782	2.923	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6829	2.901	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6815	2.927	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6824	2.917	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6853	2.937	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5052	5.037	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5079	5.064	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5220	5.080	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5033	4.968	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5066	5.056	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5112	5.070	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9513	9.755	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9556	9.743	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9509	9.756	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9523	9.713	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9386	9.780	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9707	9.806	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.525	14.86	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.469	14.88	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.507	15.01	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.483	14.88	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.464	14.79	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.513	14.84	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.930	19.61	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.920	19.35	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.914	19.43	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.935	19.65	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.903	19.47	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.927	19.37	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0897	1.280	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0957	1.292	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0937	1.274	PASS

Band5	1.4MHz	16QAM	20407	6RB#0	1.0941	1.286	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0934	1.270	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1016	1.283	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6813	2.920	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6789	2.906	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6877	2.937	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6805	2.907	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6862	2.934	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6835	2.918	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5008	5.063	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5140	5.088	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5240	5.062	PASS
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Band5	5MHz	16QAM	20525	25RB#0	4.5114	5.072	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5133	5.086	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9550	9.813	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9523	9.786	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9538	9.748	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9662	9.819	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9290	9.797	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9654	9.750	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5092	5.066	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5269	5.077	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5029	5.038	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5119	5.035	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5106	5.085	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4999	5.000	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9529	9.705	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9468	9.766	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9482	9.741	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9628	9.814	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9388	9.707	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9521	9.769	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.477	14.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.497	14.91	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.491	14.95	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.476	14.81	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.477	14.90	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.82	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.911	19.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.899	19.54	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.922	19.42	PASS

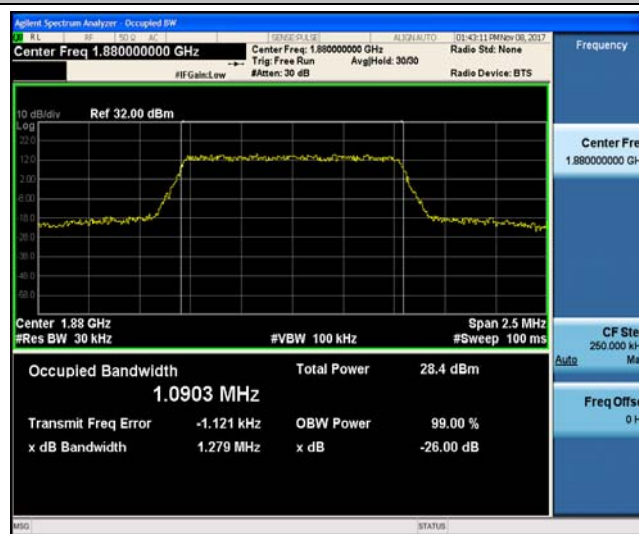
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Band7	20MHz	16QAM	21100	100RB#0	17.911	19.55	PASS
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Band12	1.4MHz	QPSK	23017	6RB#0	1.0939	1.271	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0920	1.274	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0906	1.274	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0897	1.257	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1018	1.269	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0945	1.285	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6877	2.913	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6835	2.902	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6826	2.890	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6815	2.922	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6799	2.922	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6834	2.940	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5085	5.052	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5019	5.055	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5279	5.076	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5083	5.006	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5033	5.035	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5195	5.093	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9566	9.763	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9490	9.667	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9418	9.731	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9660	9.800	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9207	9.703	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9510	9.686	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5212	5.047	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4966	5.022	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5144	5.092	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5110	5.061	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4967	4.985	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5156	5.056	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9233	9.670	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9400	9.677	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9436	9.703	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9192	9.720	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9257	9.707	PASS
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Test Graphs

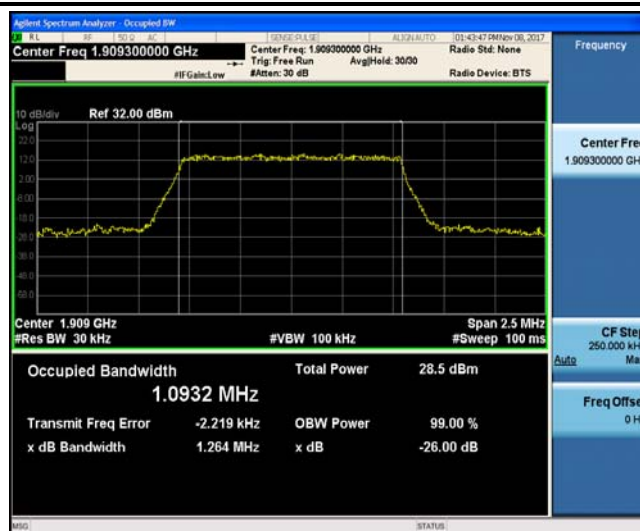
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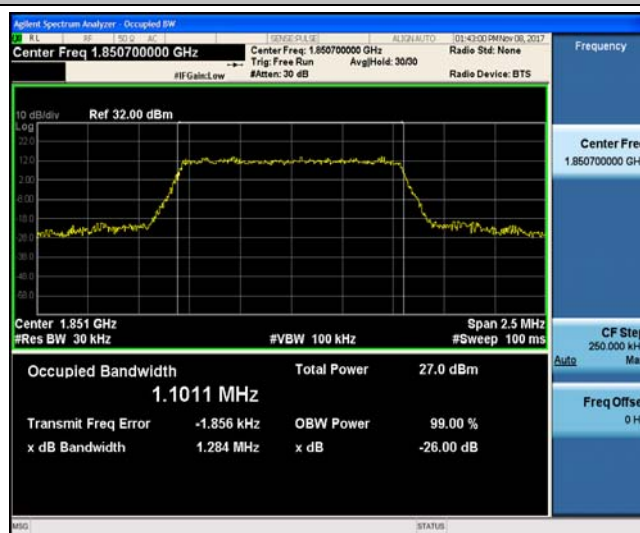
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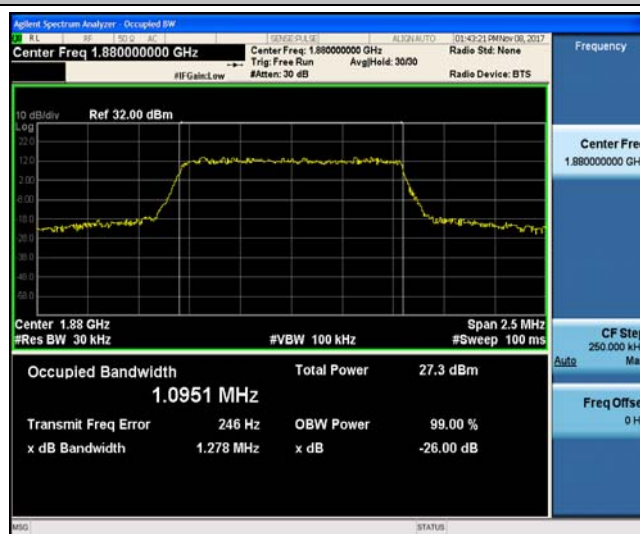
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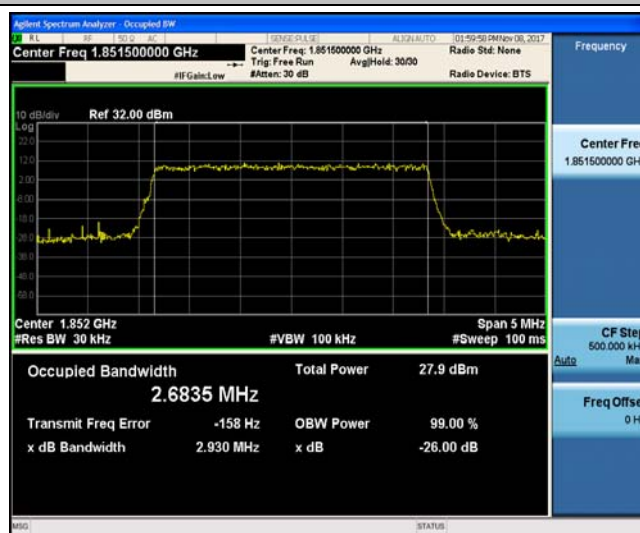
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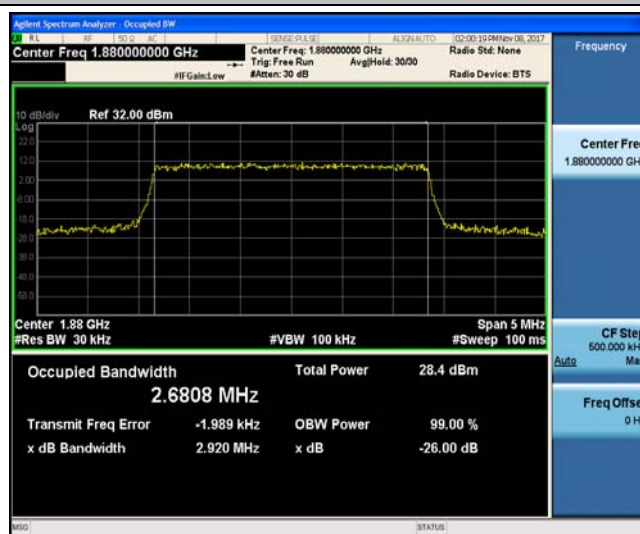
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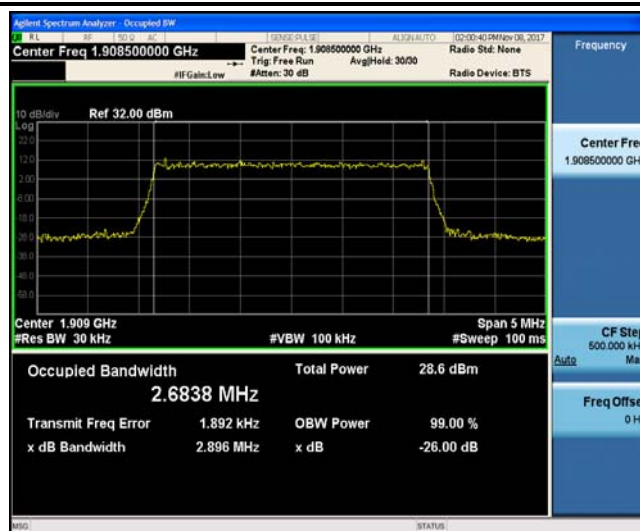
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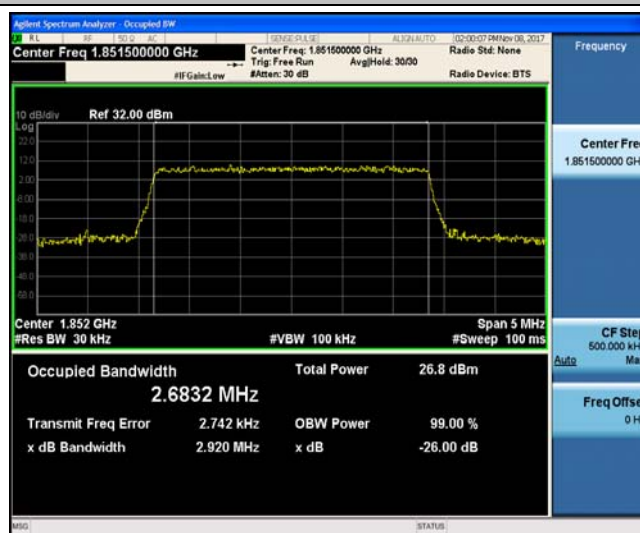
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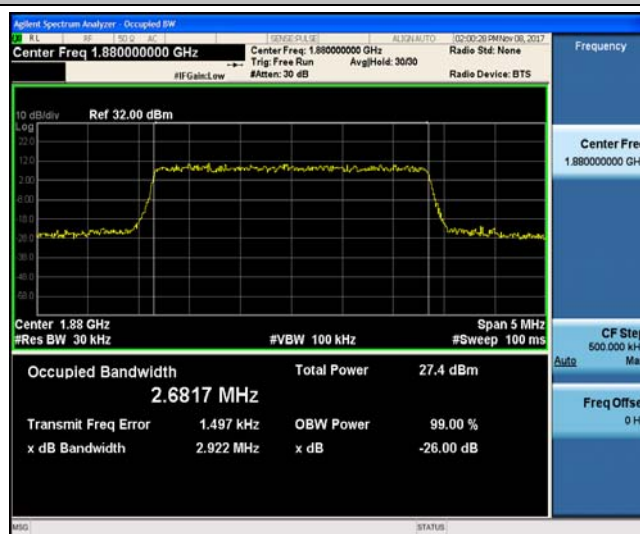
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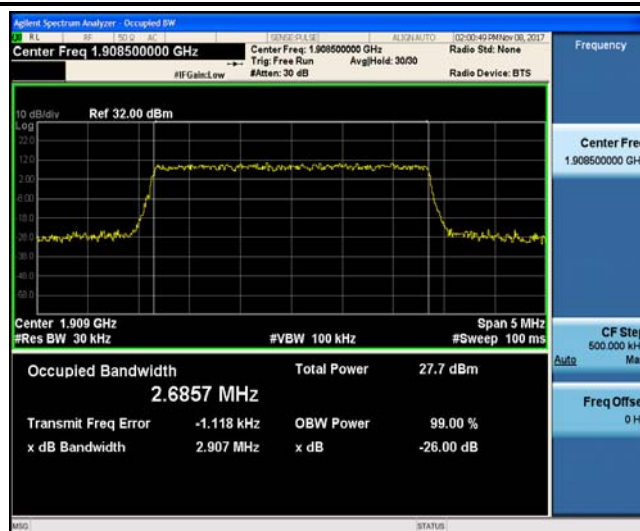
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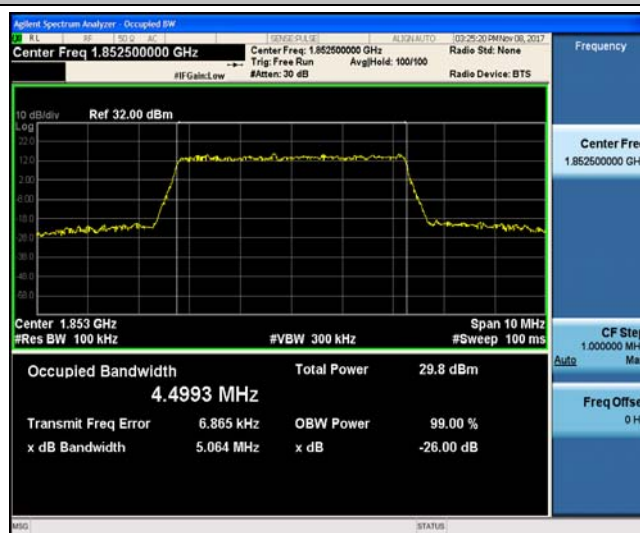
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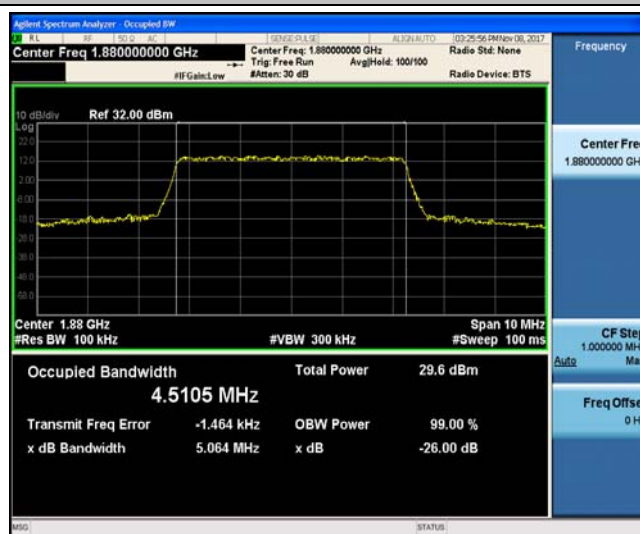
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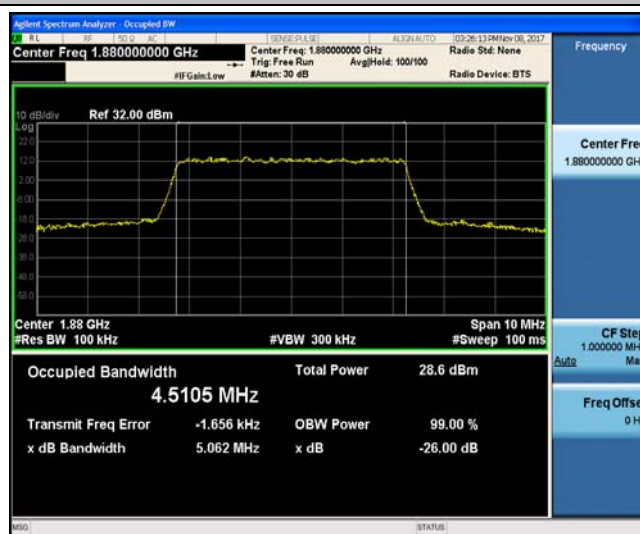
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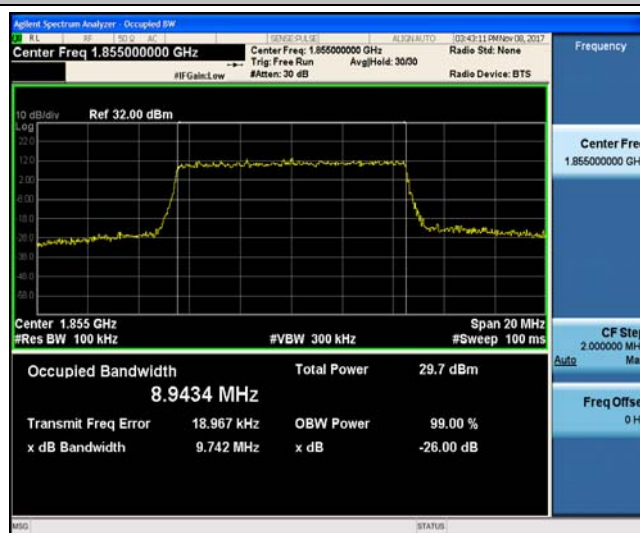
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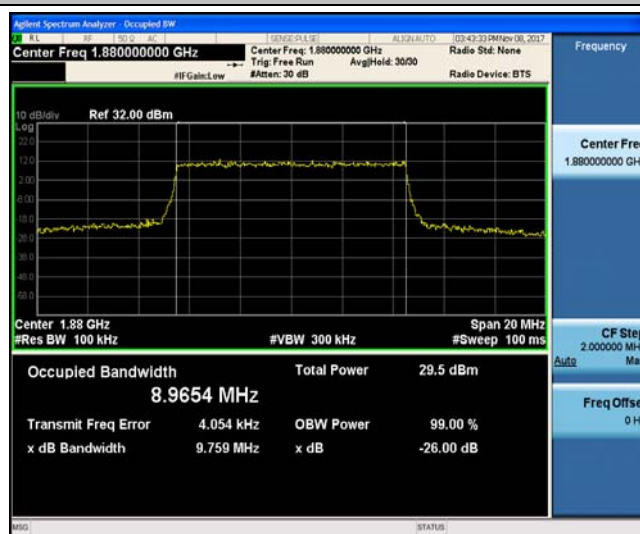
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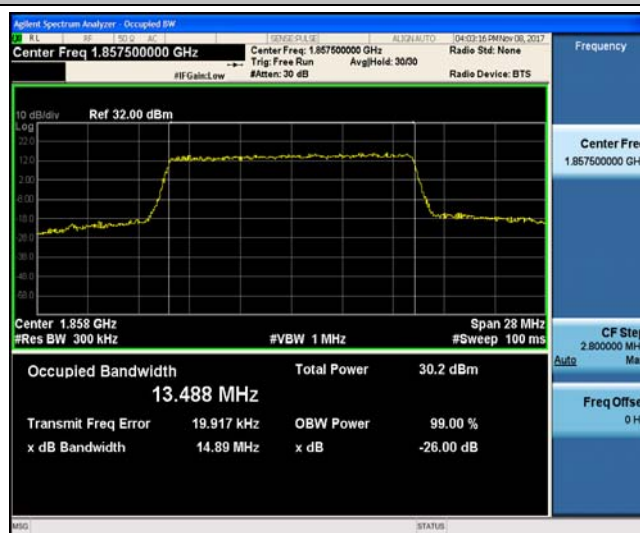
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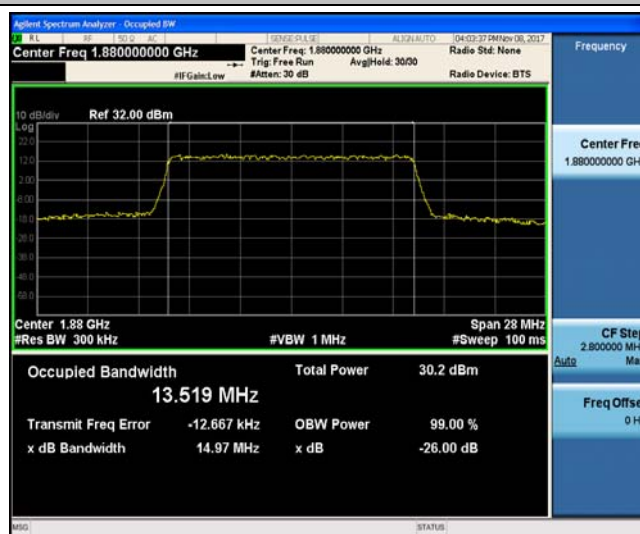
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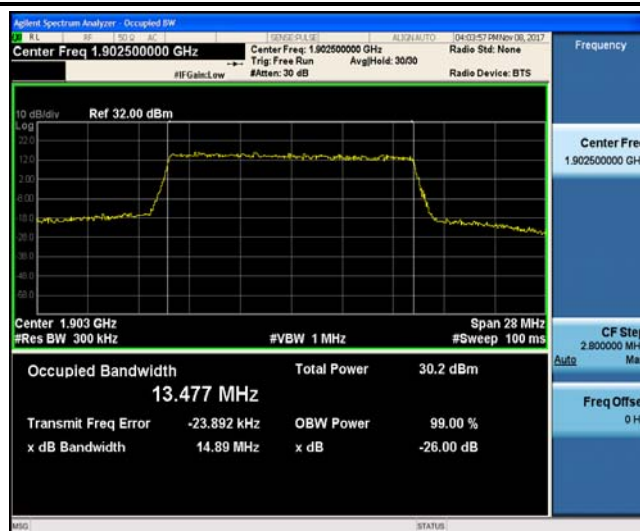
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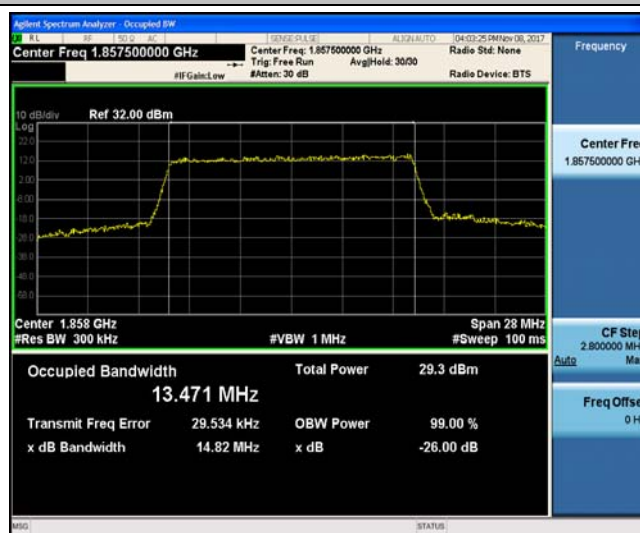
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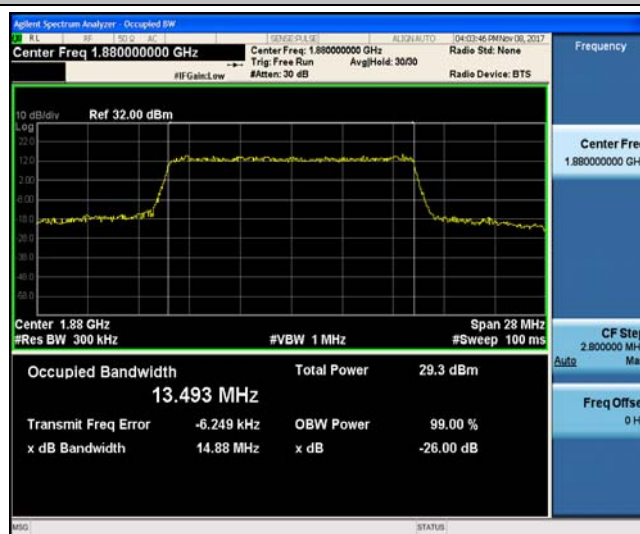
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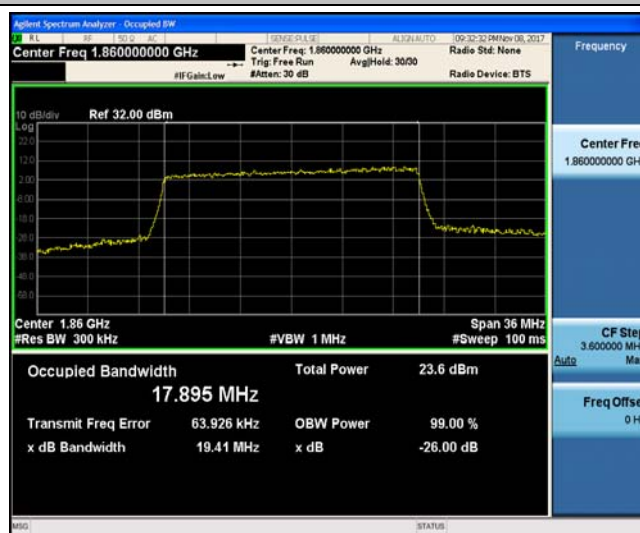
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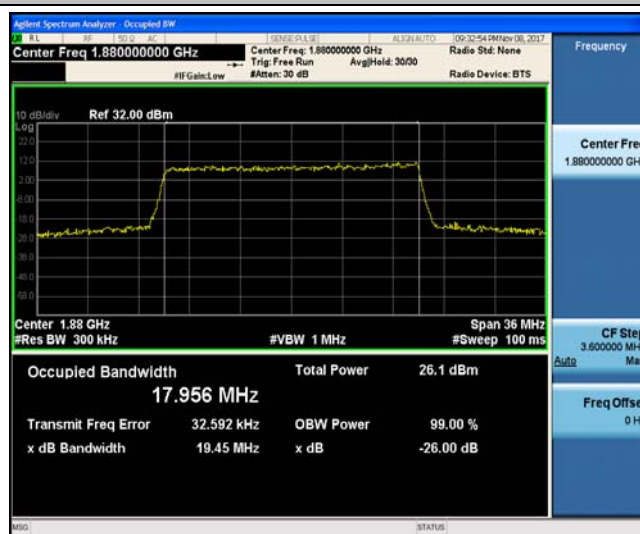
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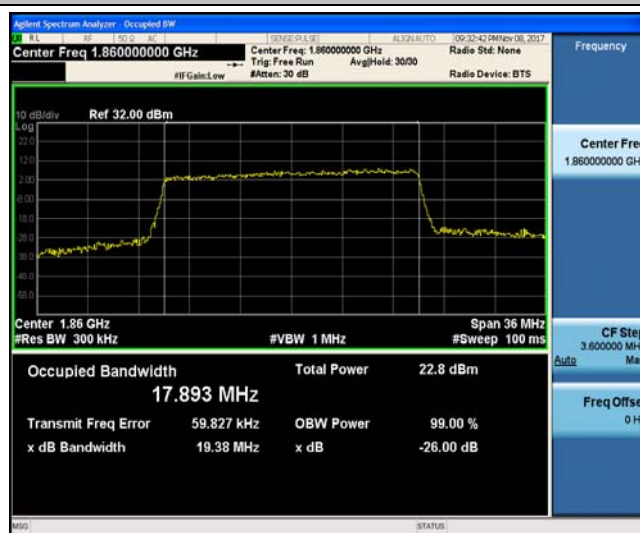
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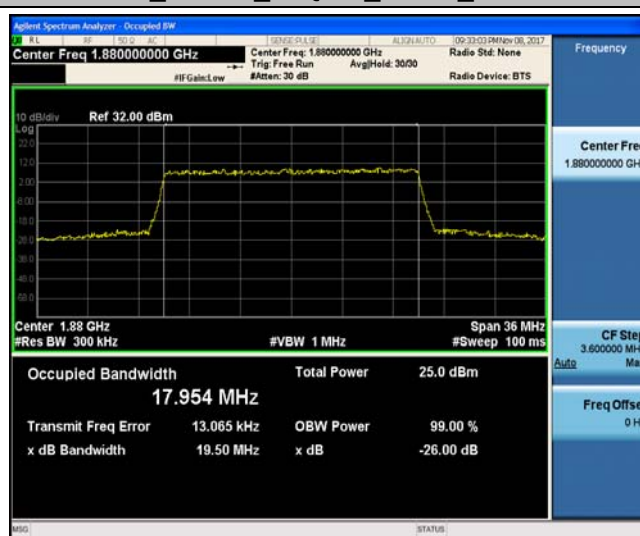
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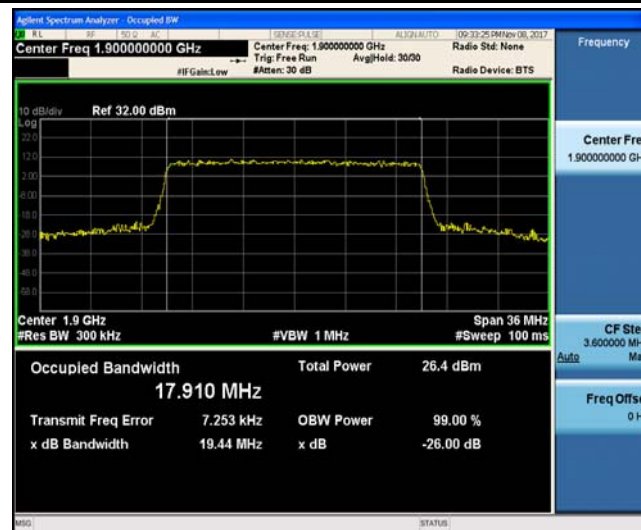
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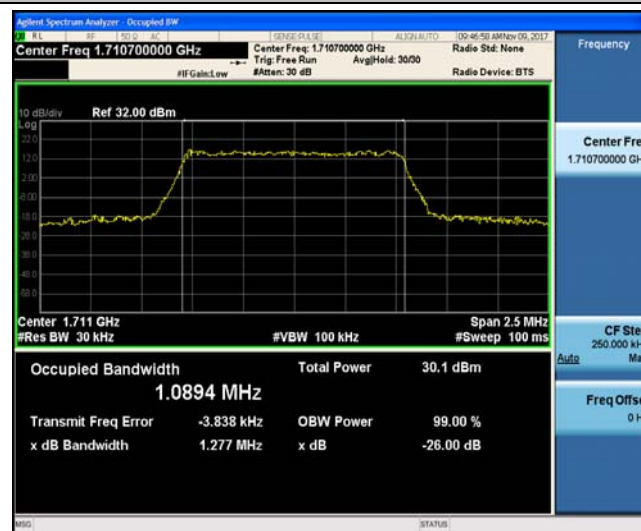
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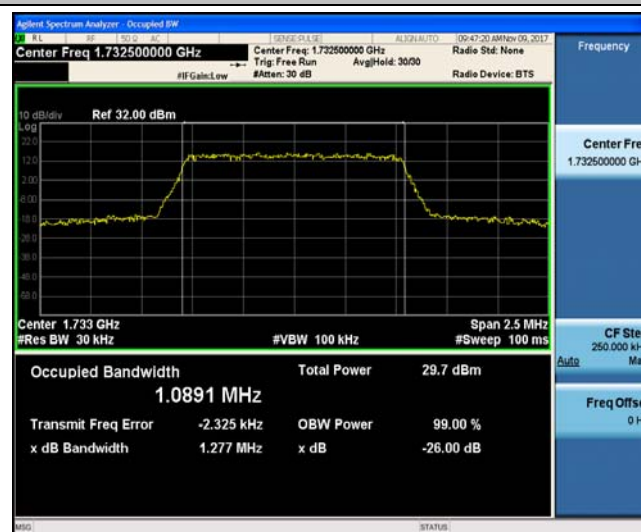
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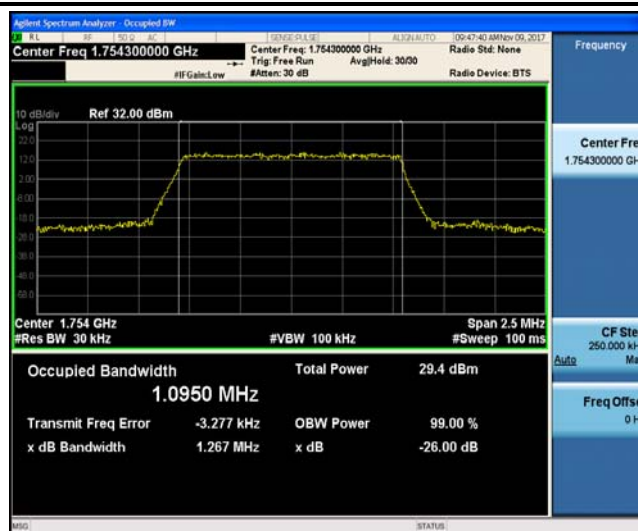
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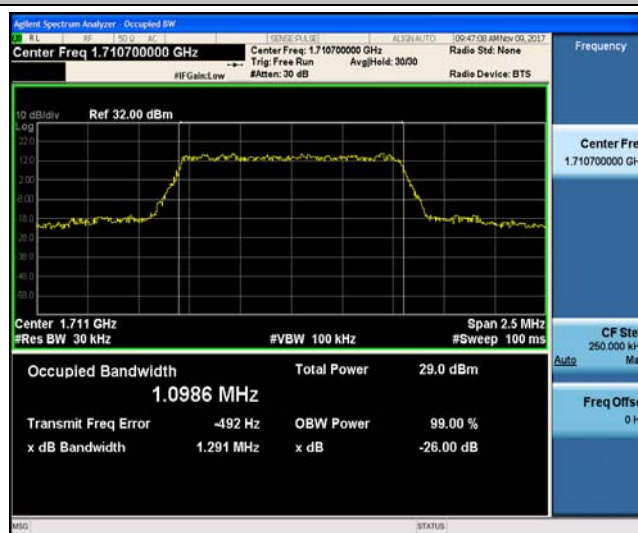
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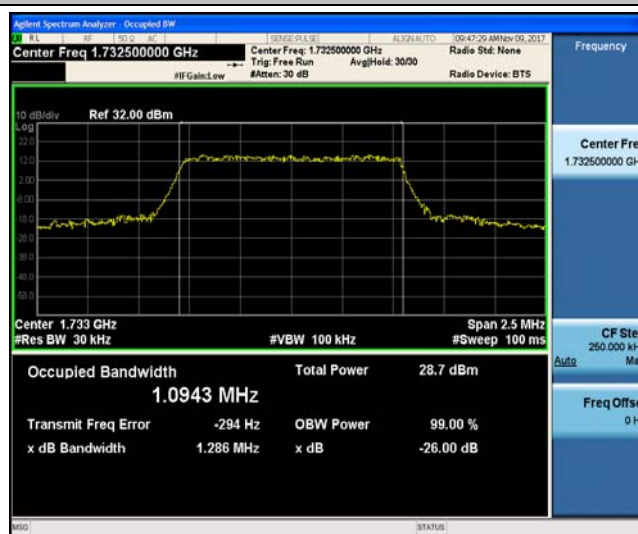
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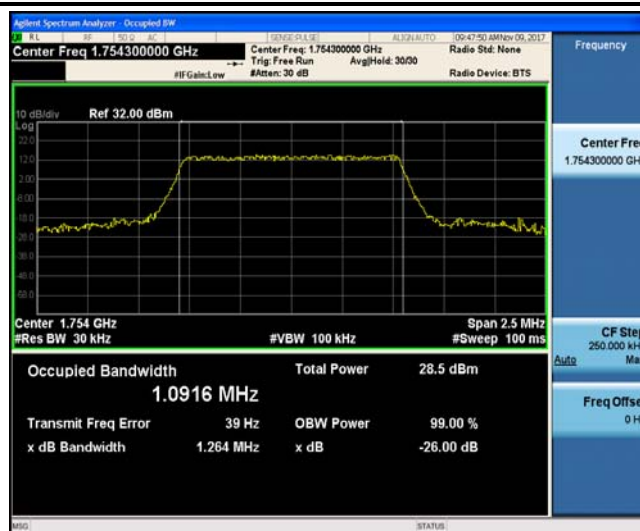
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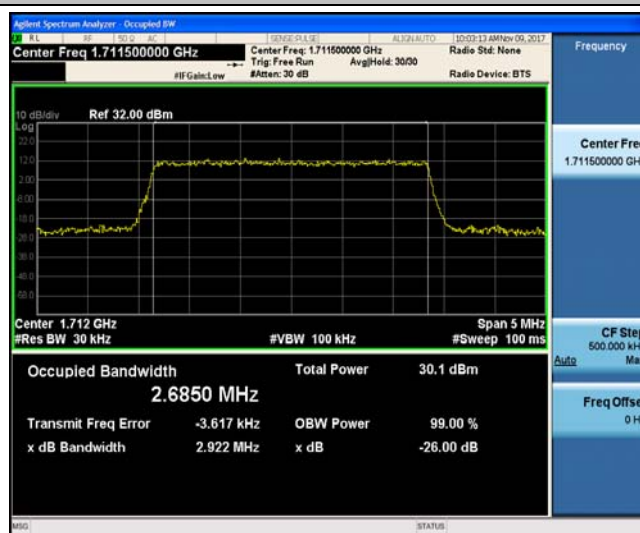
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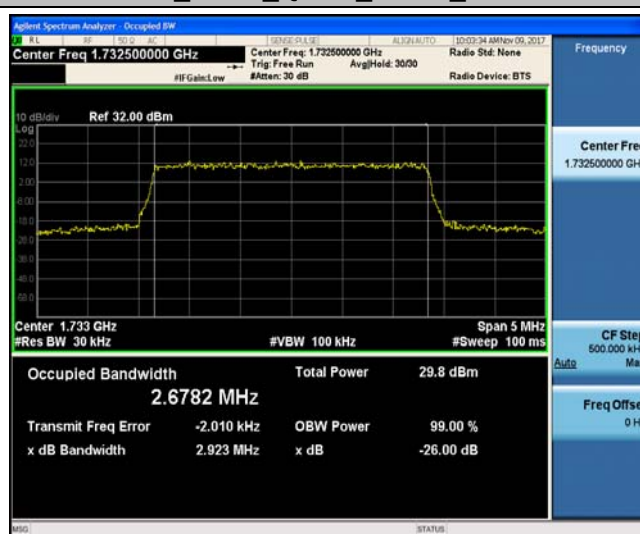
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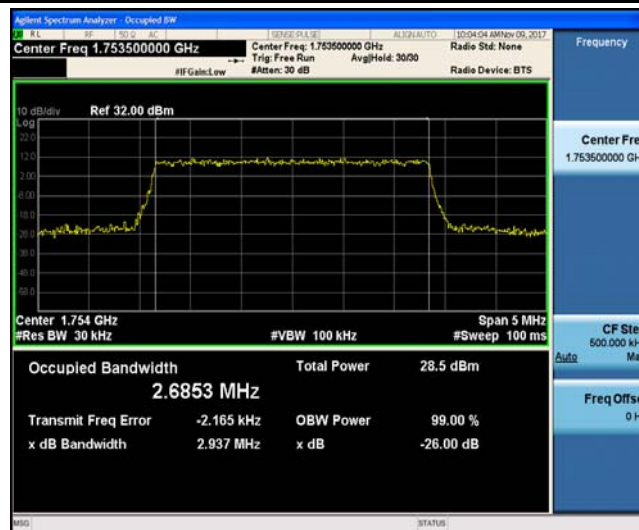
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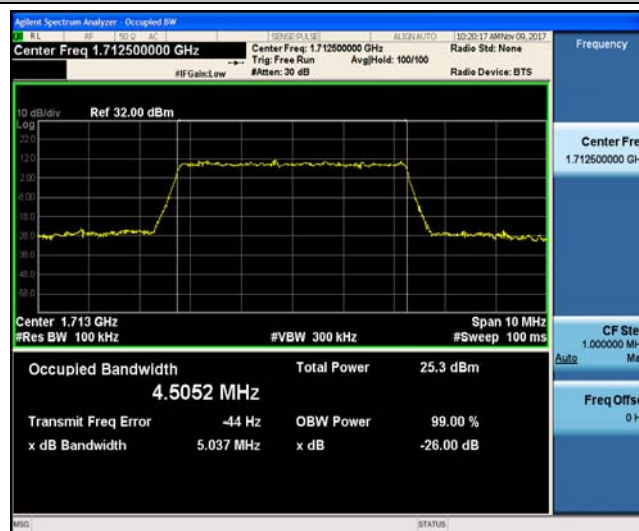
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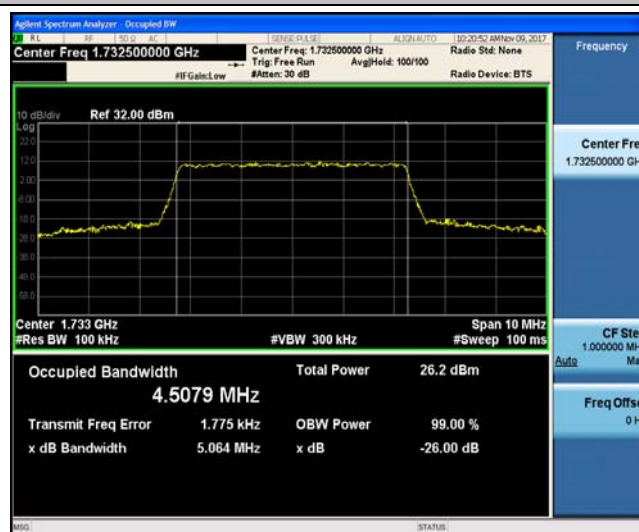
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Band4_5MHz_QPSK_19975_25RB#0



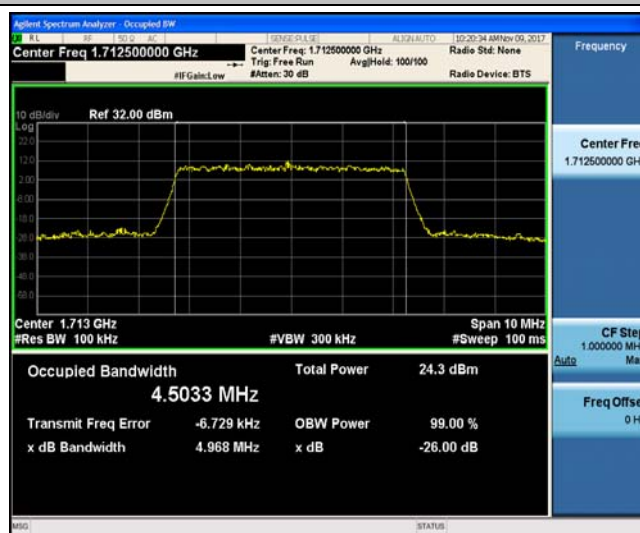
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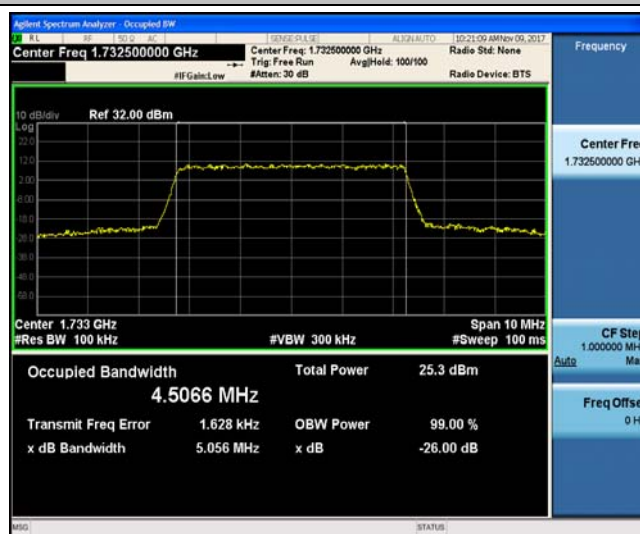
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Band4_5MHz_16QAM_19975_25RB#0



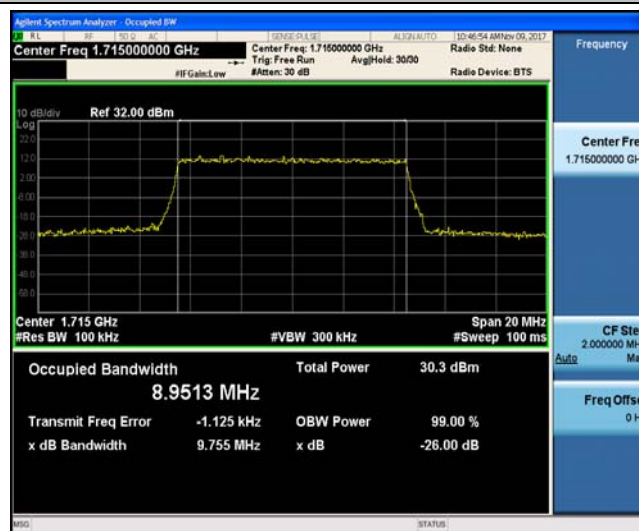
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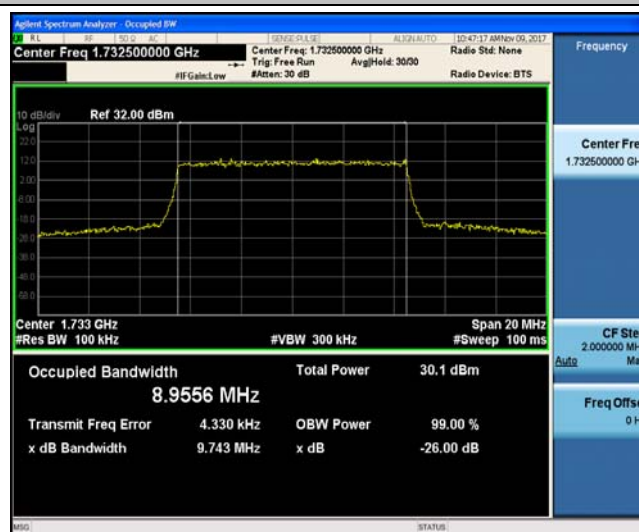
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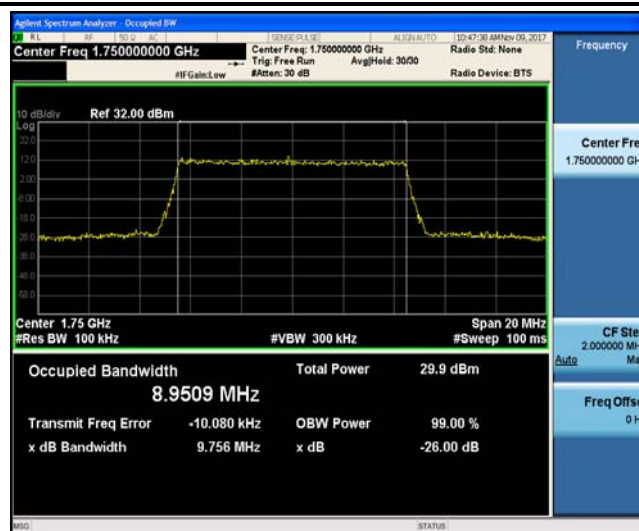
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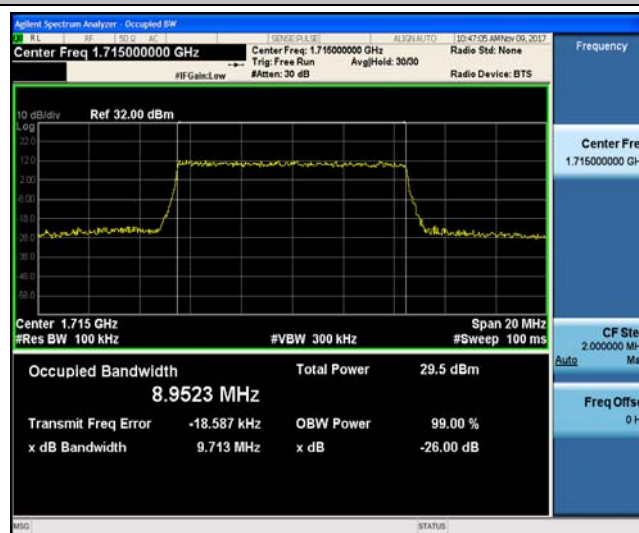
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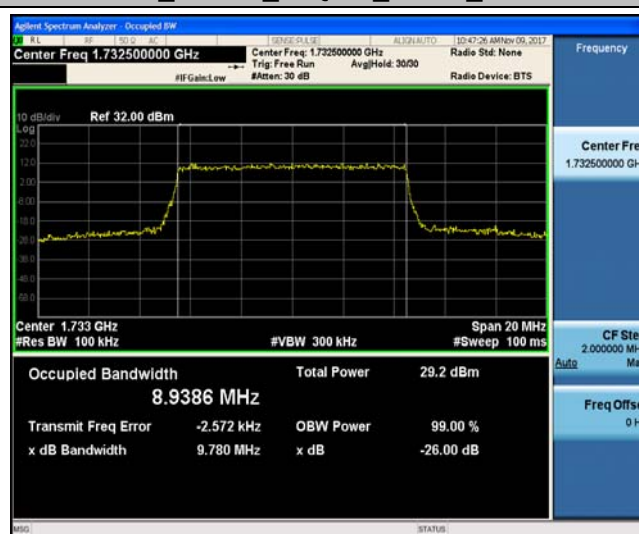
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Band4_10MHz_16QAM_20000_50RB#0



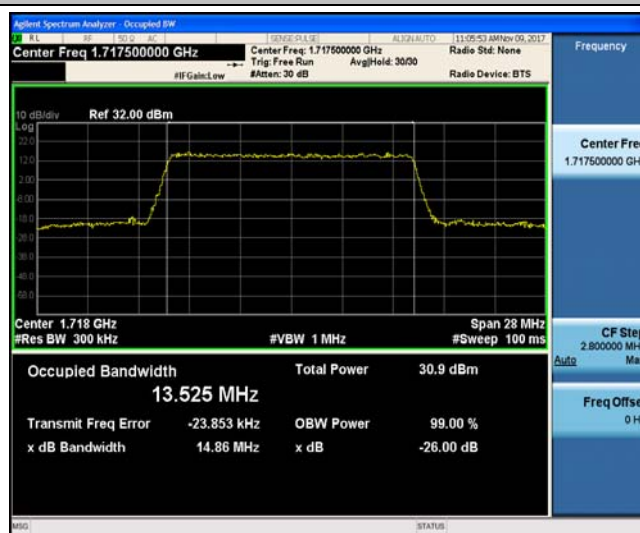
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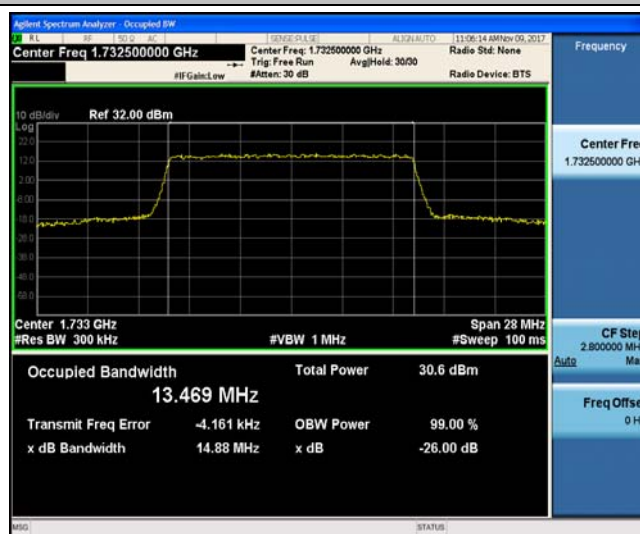
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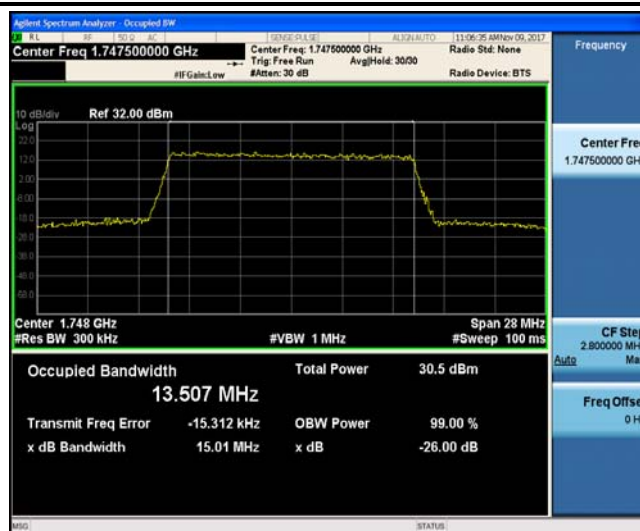
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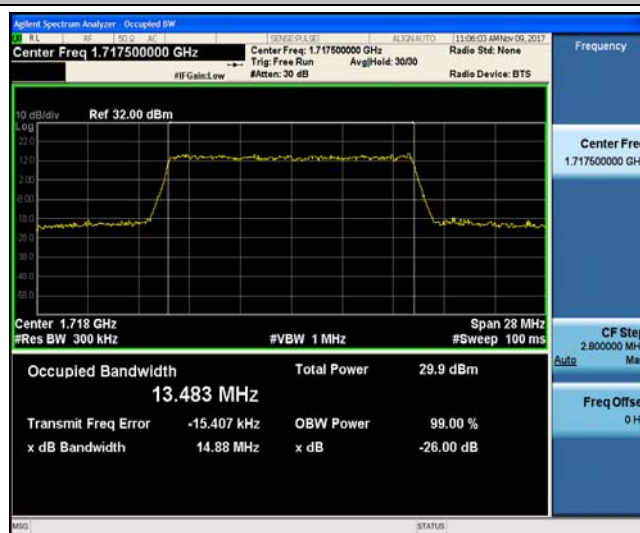
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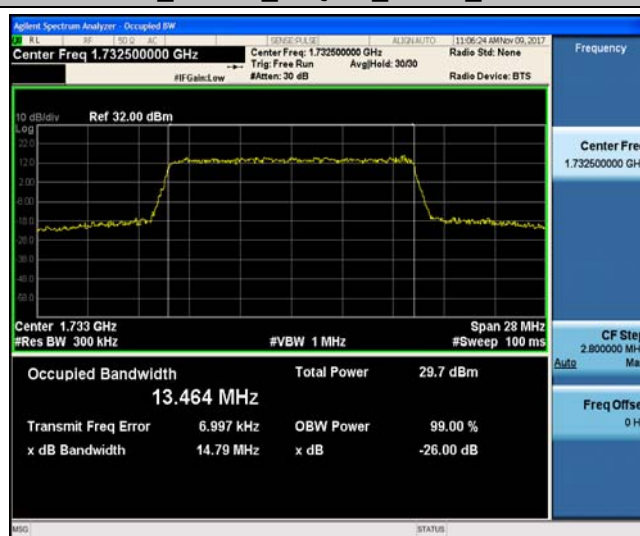
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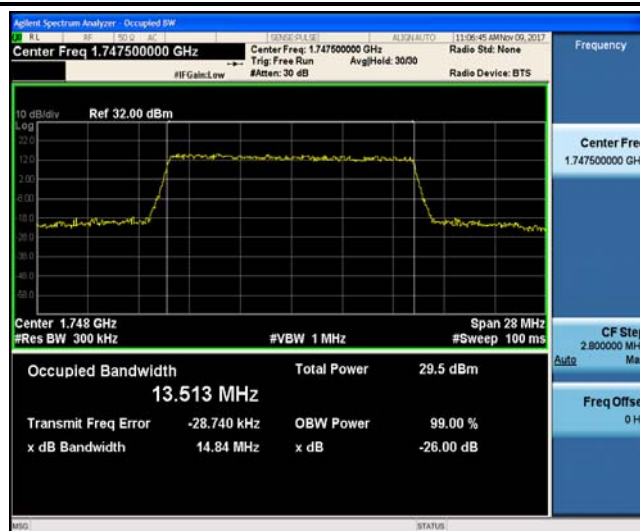
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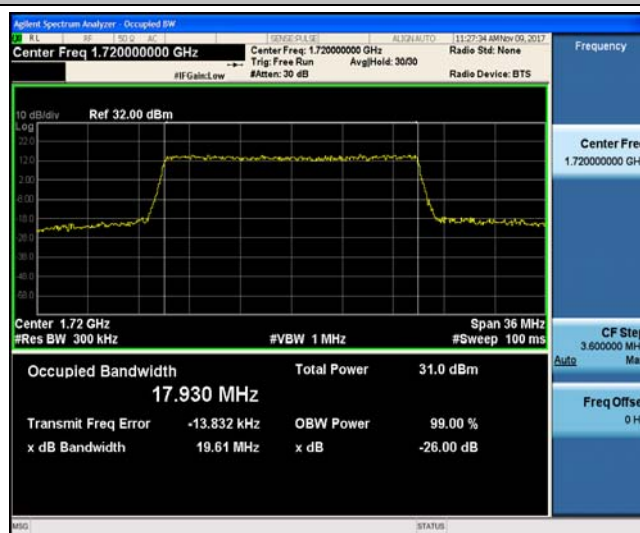
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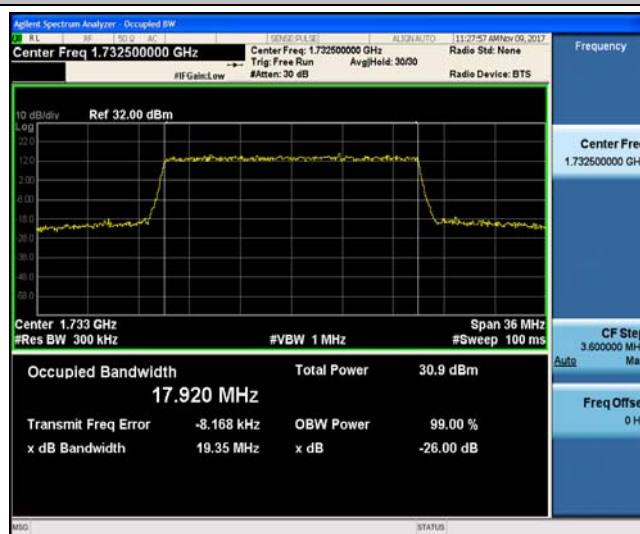
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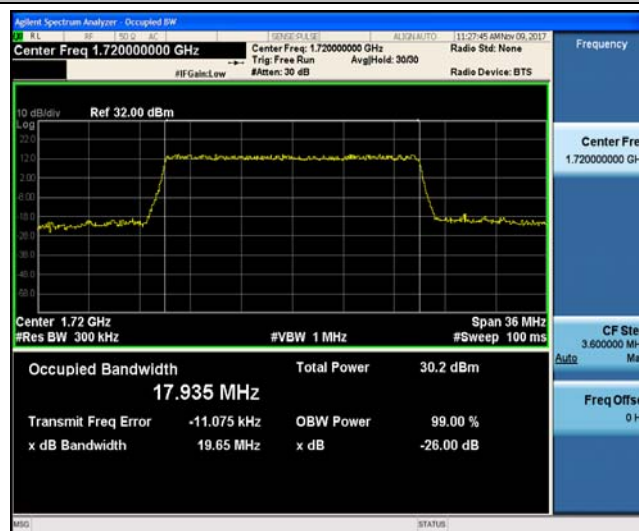
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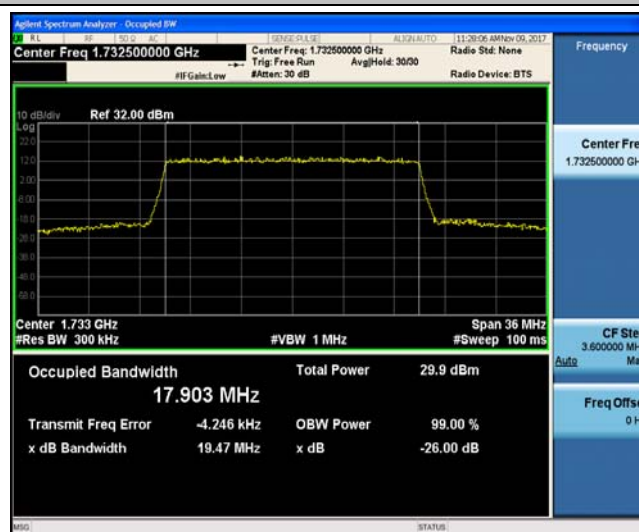
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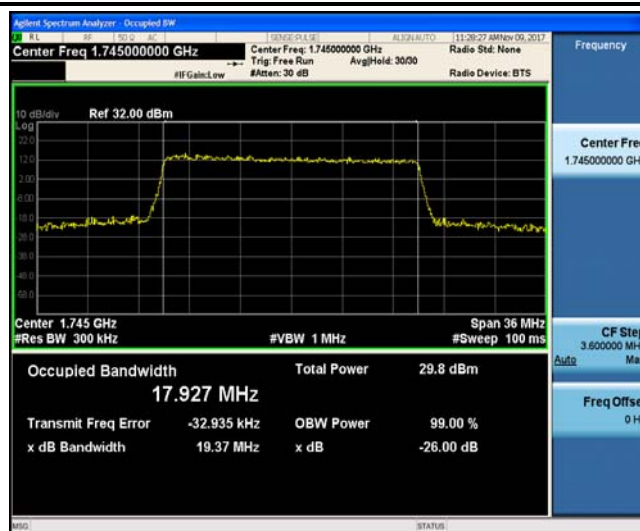
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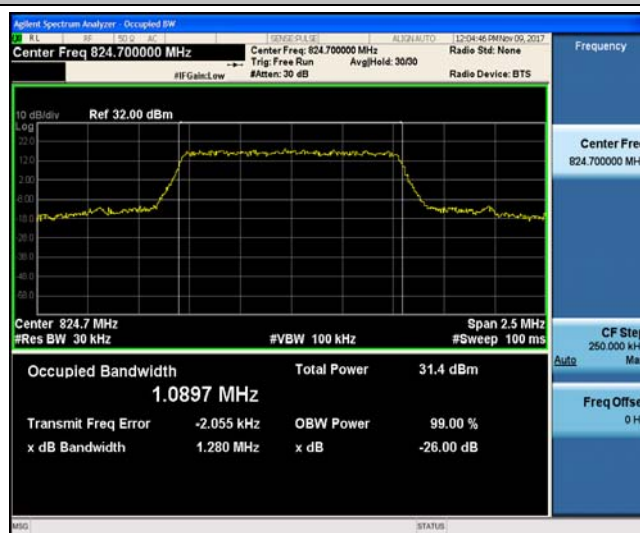
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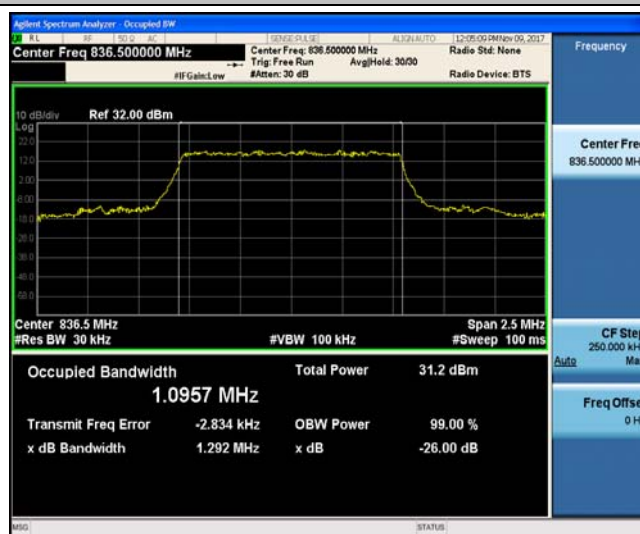
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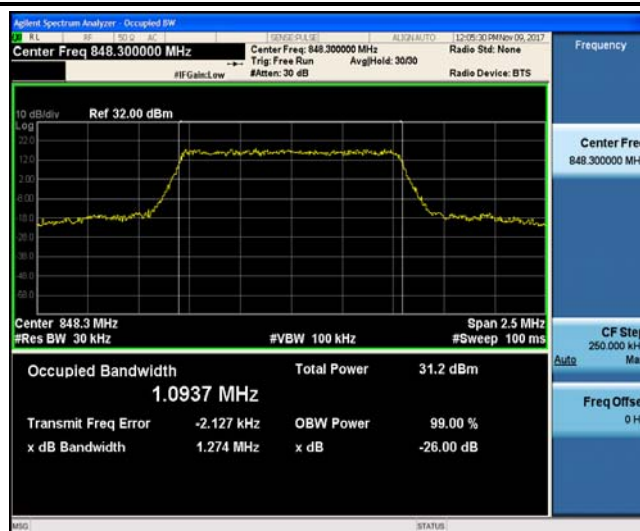
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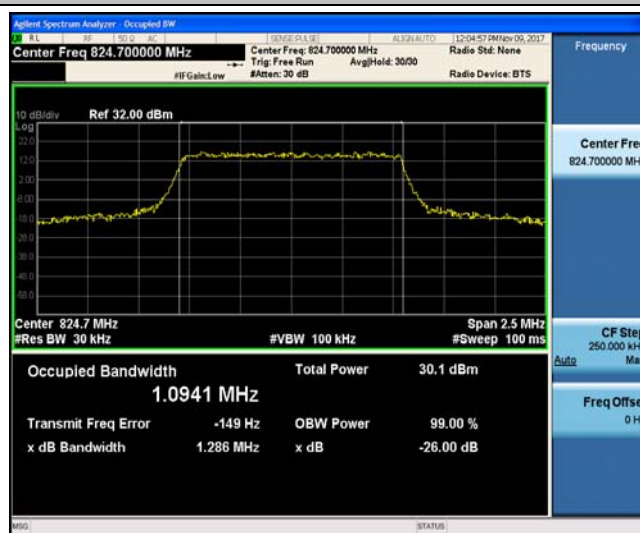
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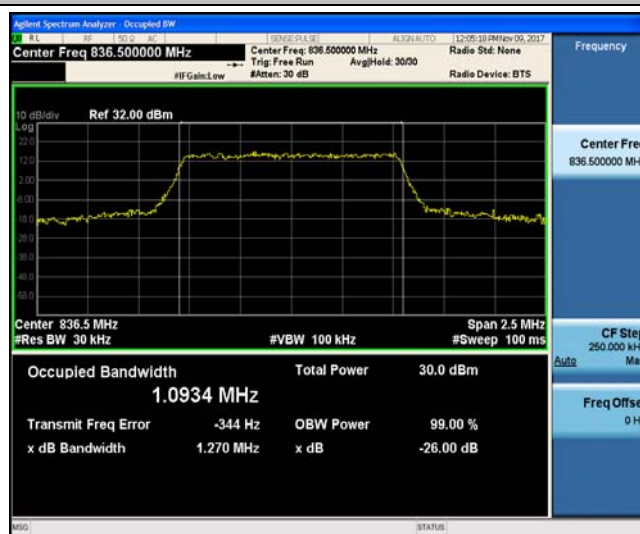
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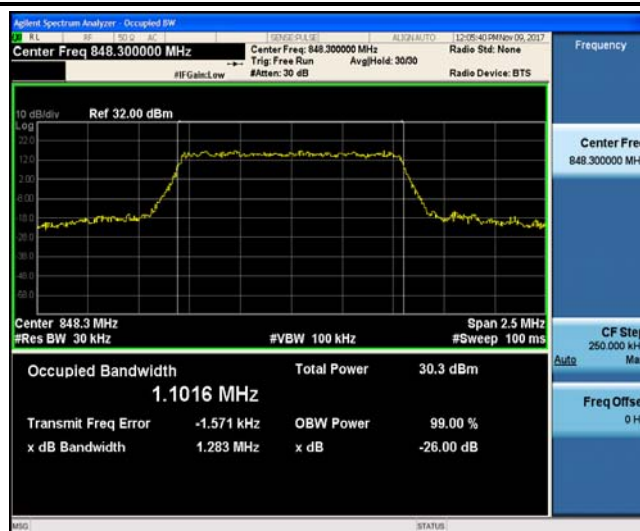
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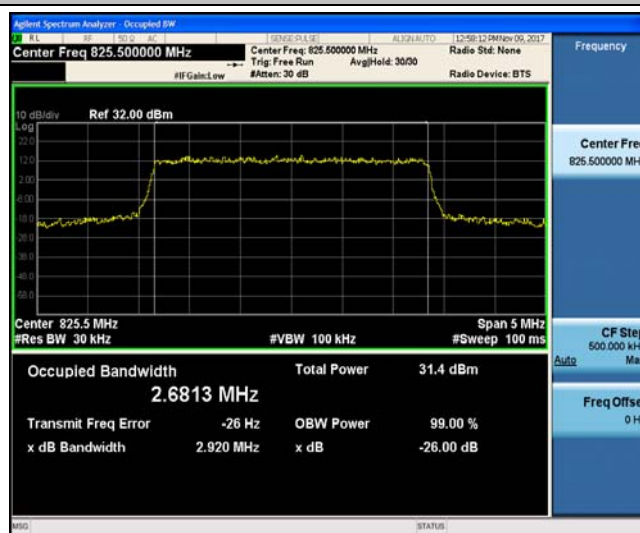
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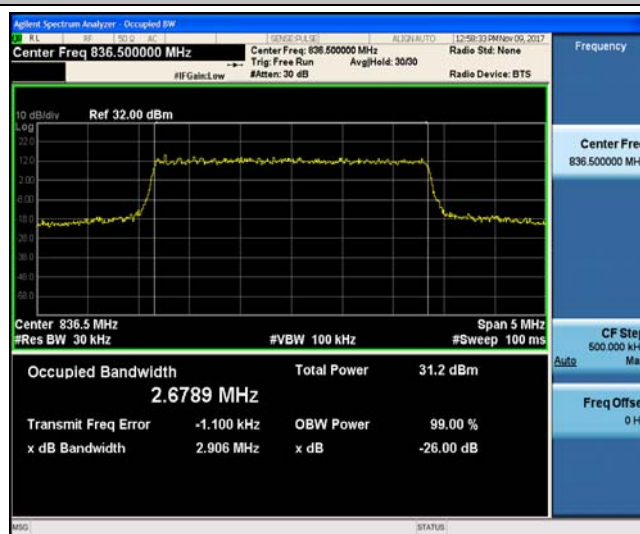
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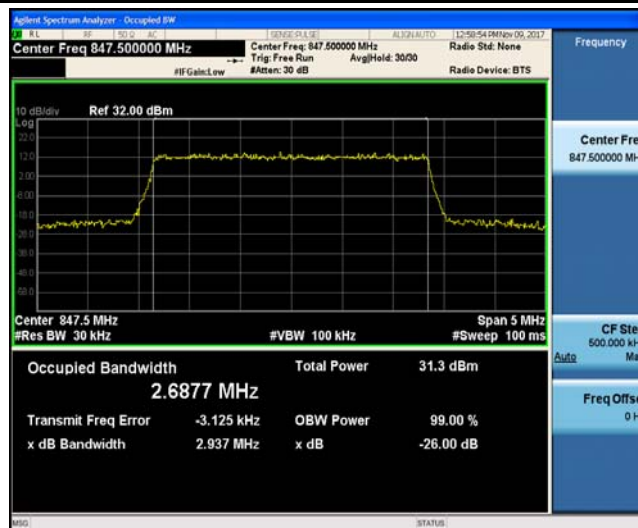
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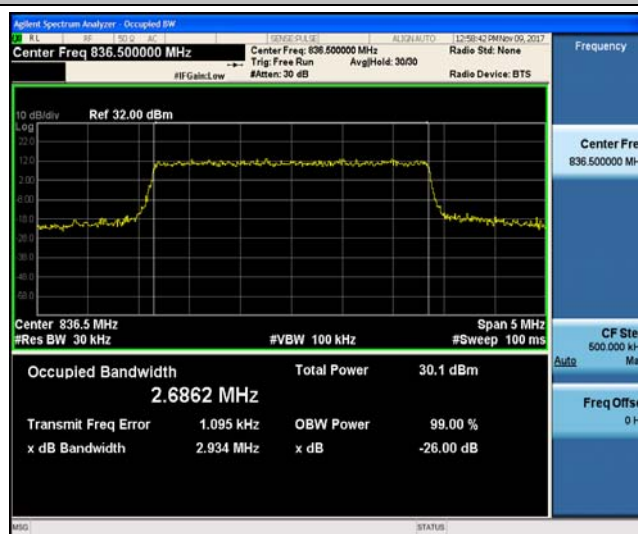
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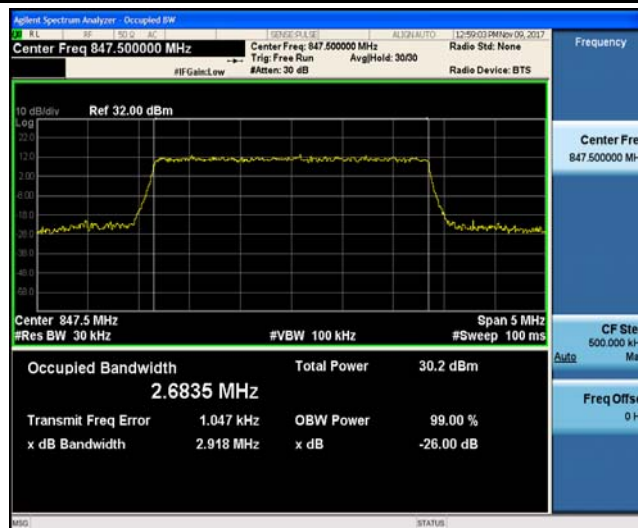
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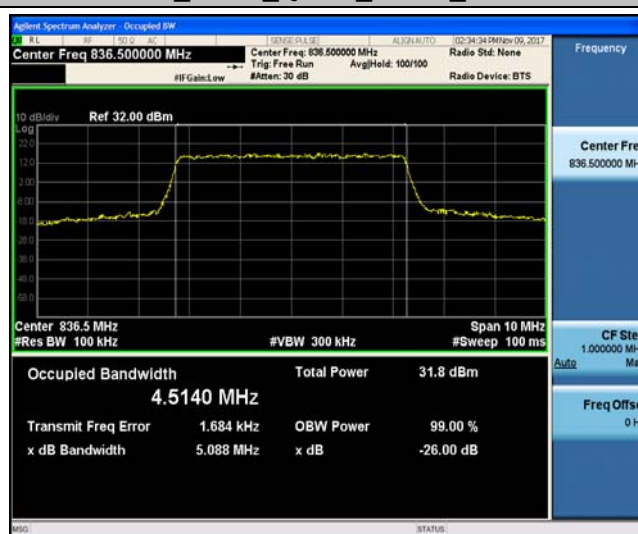
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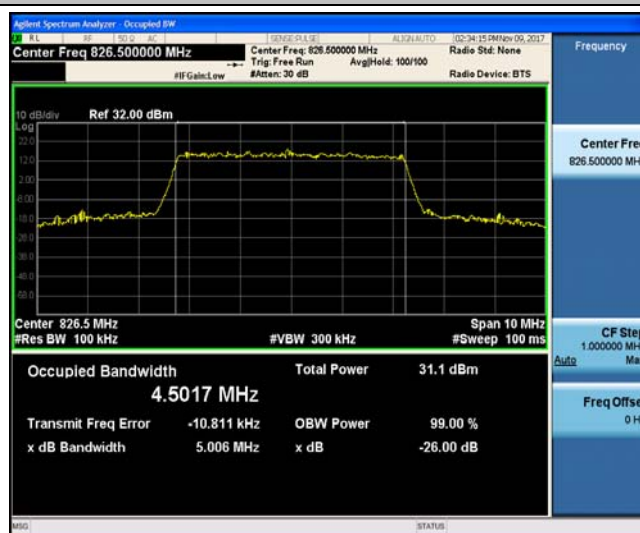
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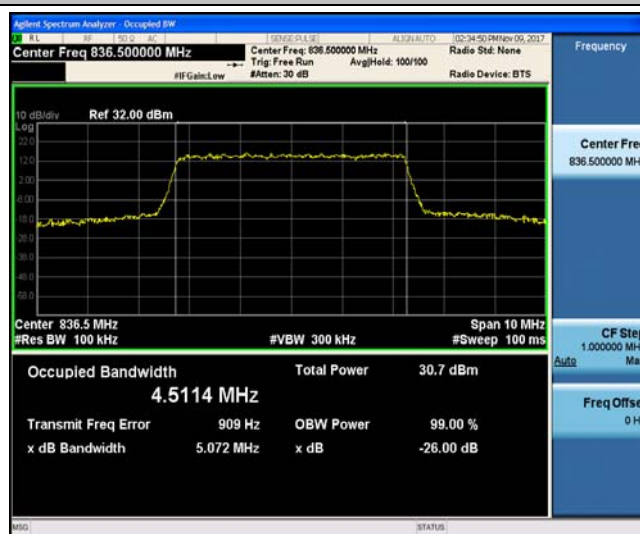
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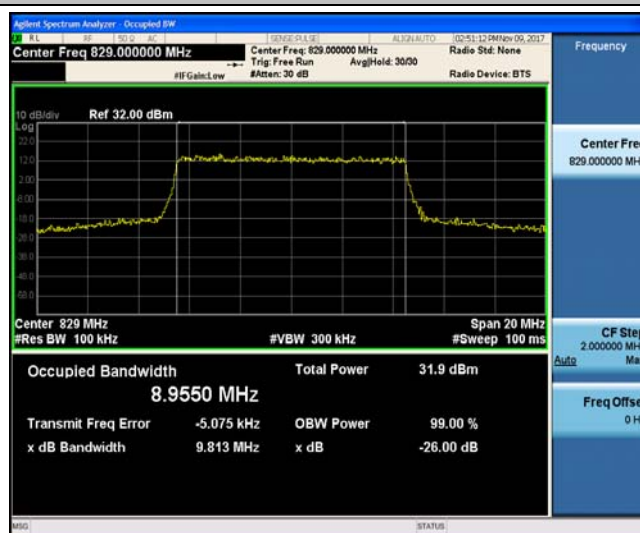
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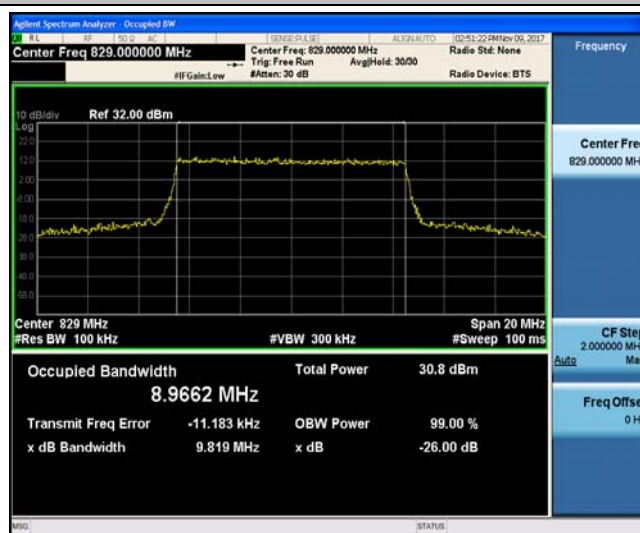
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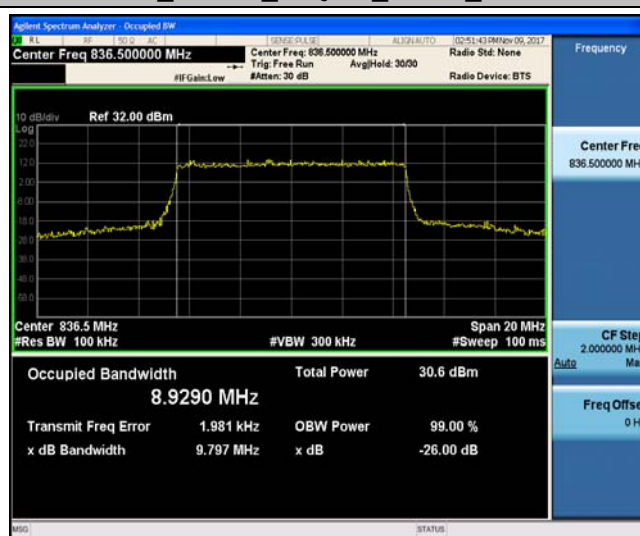
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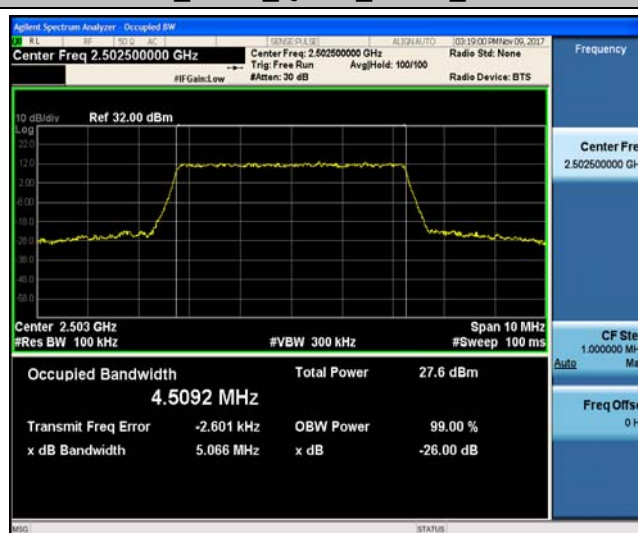
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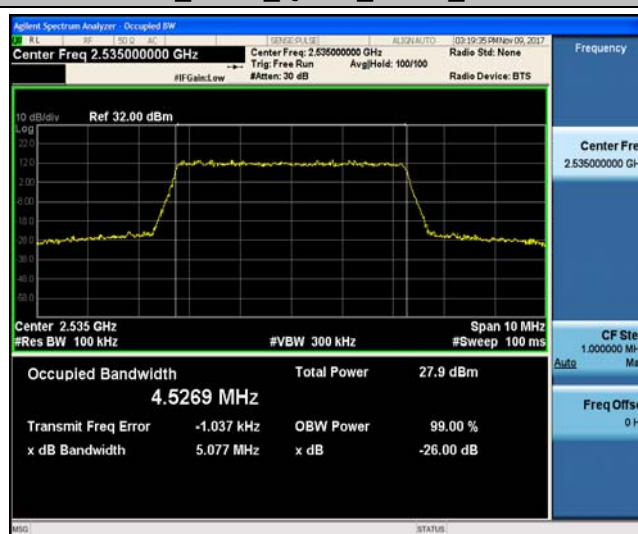
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Band7_5MHz_QPSK_20775_25RB#0



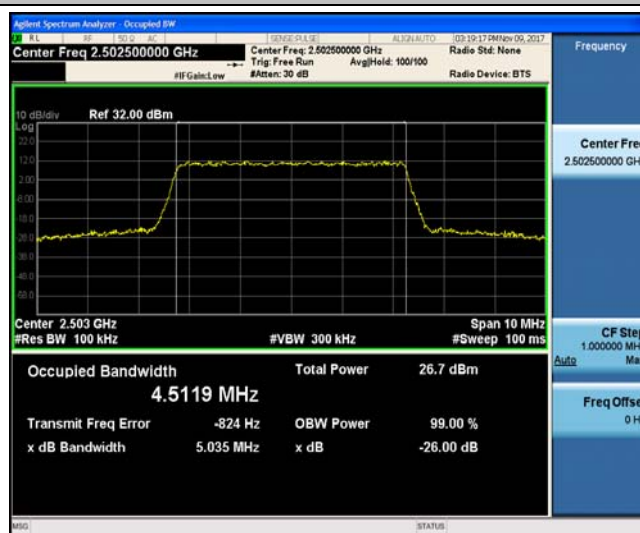
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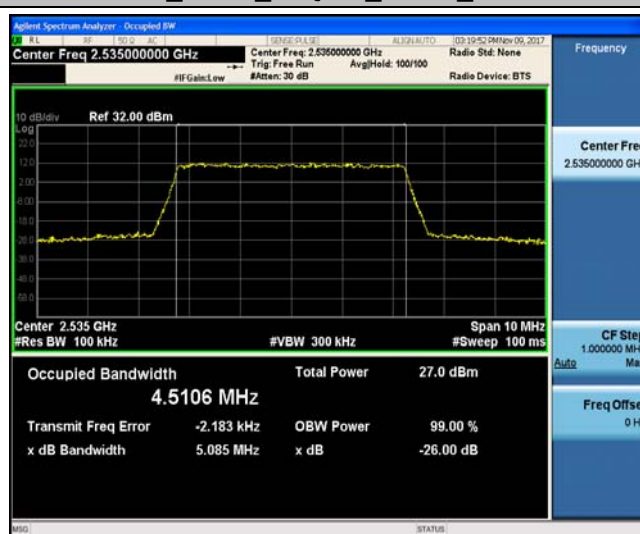
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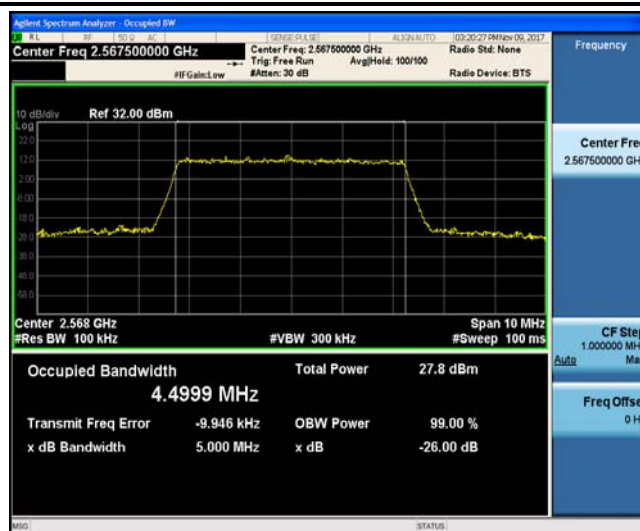
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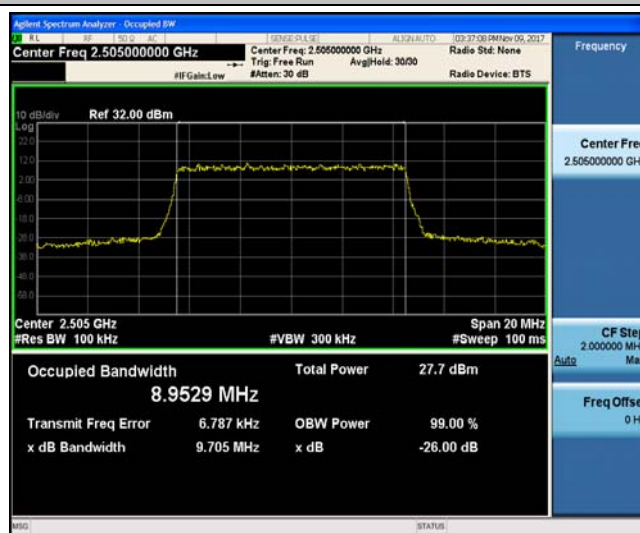
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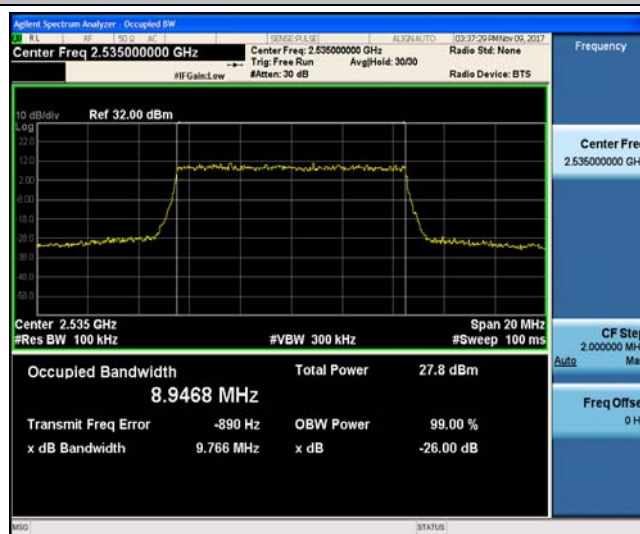
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