



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	1.0918	1.265	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0952	1.257	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0969	1.273	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1023	1.286	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0944	1.258	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0891	1.254	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6803	2.898	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6858	2.907	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6808	2.912	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6815	2.910	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6805	2.903	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6822	2.918	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5307	5.160	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5109	5.058	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5189	5.076	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5197	5.036	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5387	5.096	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5323	5.044	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9394	9.722	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9353	9.736	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9359	9.633	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9309	9.584	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9512	9.725	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9389	9.727	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.491	14.92	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.503	14.86	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.436	14.83	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.483	14.86	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.508	14.82	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.461	14.81	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.919	19.34	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.965	19.52	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.885	19.32	PASS

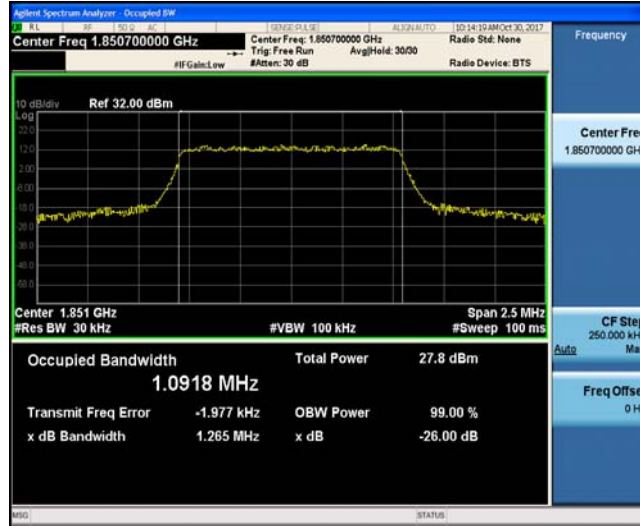
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Band4	1.4MHz	QPSK	19957	6RB#0	1.0968	1.257	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0958	1.269	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0957	1.266	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0966	1.271	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0914	1.254	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1014	1.273	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6839	2.888	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6875	2.921	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6872	2.903	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6804	2.910	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6821	2.910	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6806	2.921	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5330	5.097	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5101	5.063	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5182	5.068	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5173	5.035	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5385	5.075	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5343	5.076	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9570	9.774	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9337	9.731	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9498	9.653	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9481	9.629	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9453	9.681	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9463	9.747	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.497	14.94	PASS
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Band4	15MHz	QPSK	20325	75RB#0	13.467	14.79	PASS
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Band4	15MHz	16QAM	20175	75RB#0	13.474	14.78	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.505	14.76	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.905	19.30	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.890	19.61	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.935	19.34	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.949	19.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.892	19.41	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.973	19.63	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0920	1.265	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0963	1.259	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0945	1.268	PASS
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Band5	1.4MHz	16QAM	20643	6RB#0	1.0889	1.253	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6809	2.912	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6840	2.895	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6838	2.884	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6814	2.909	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6808	2.898	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6776	2.921	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5334	5.086	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5092	5.028	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5098	5.052	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5181	5.049	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5263	5.095	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5250	5.068	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9591	9.869	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9271	9.717	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9440	9.732	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9527	9.761	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9362	9.725	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9611	9.746	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5169	5.095	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5296	5.070	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5073	5.080	PASS
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Band7	5MHz	16QAM	21425	25RB#0	4.5396	5.089	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9599	9.749	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9406	9.735	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9361	9.692	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9451	9.637	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9392	9.744	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9439	9.636	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.499	14.93	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.461	14.91	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.460	14.83	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.520	14.81	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.479	14.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.491	14.85	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.919	19.33	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.941	19.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.895	19.41	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.962	19.49	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.922	19.48	PASS

Band7	20MHz	16QAM	21350	100RB#0	17.914	19.58	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5065	5.032	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5141	5.050	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5098	5.042	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5131	5.073	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5011	5.016	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5398	5.099	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9293	9.703	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9330	9.603	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9432	9.773	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9351	9.631	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9315	9.685	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9272	9.656	PASS

Test Graphs

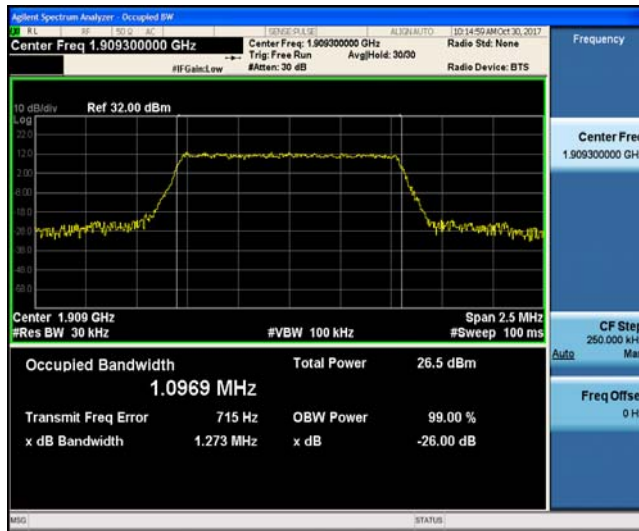
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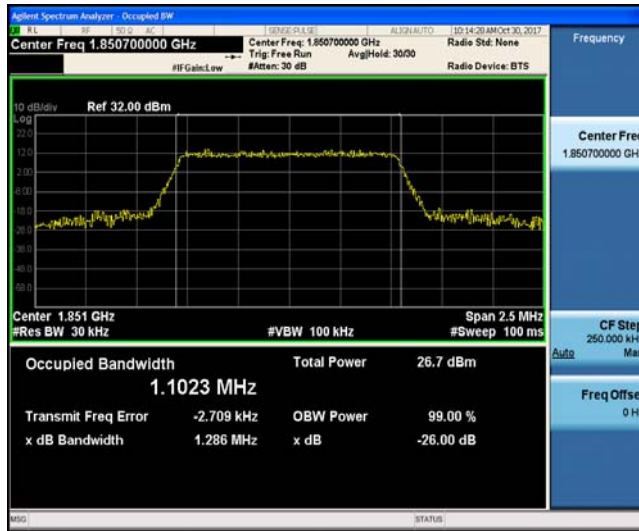
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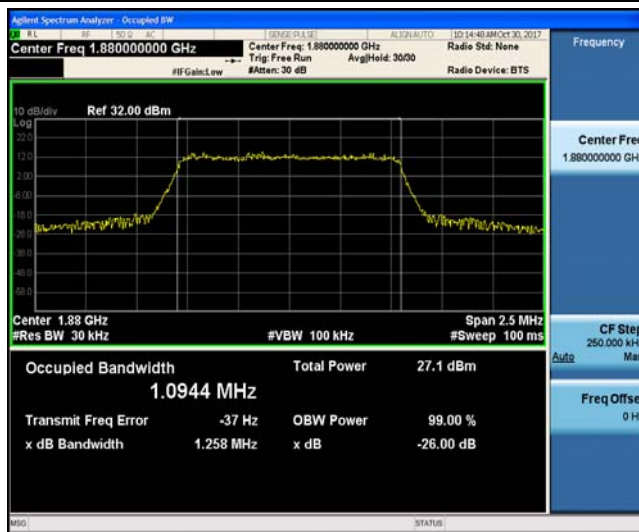
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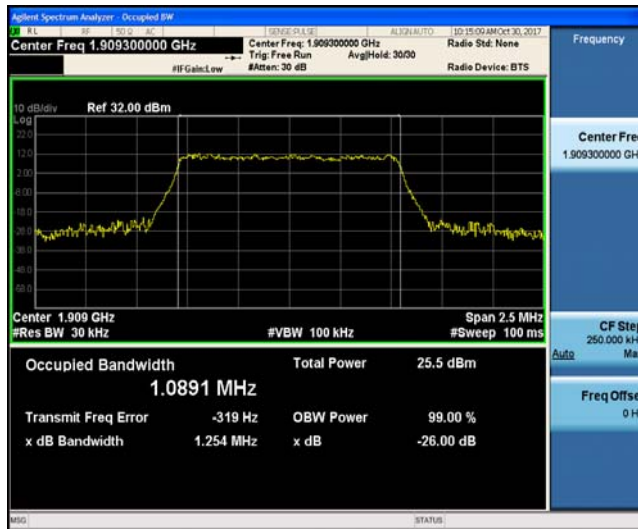
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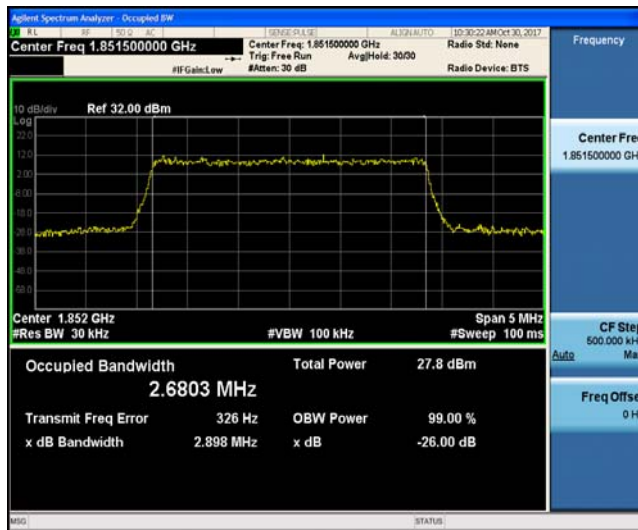
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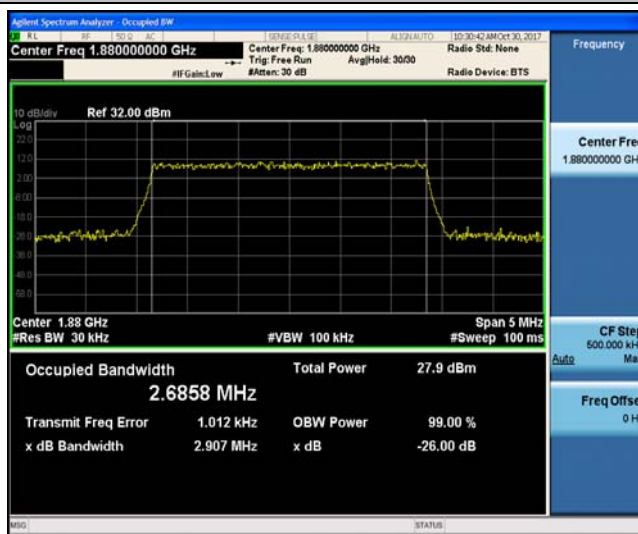
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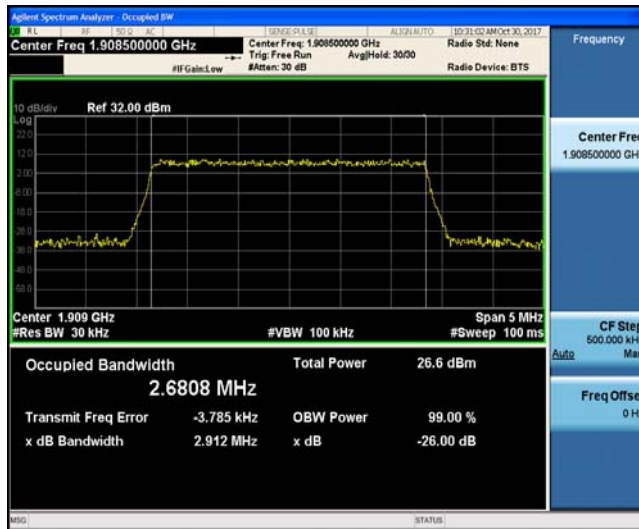
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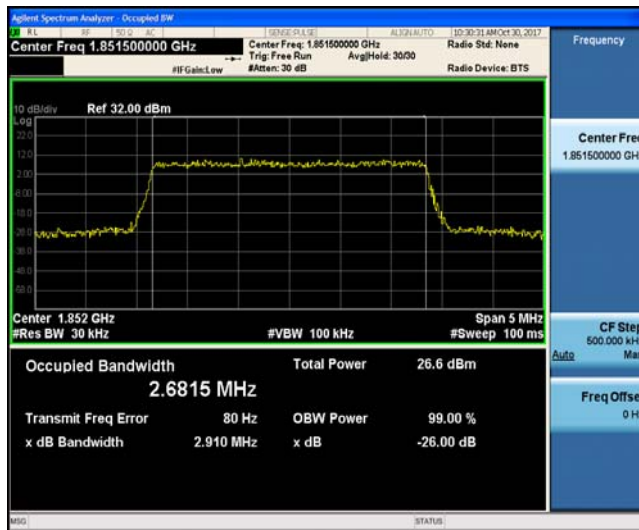
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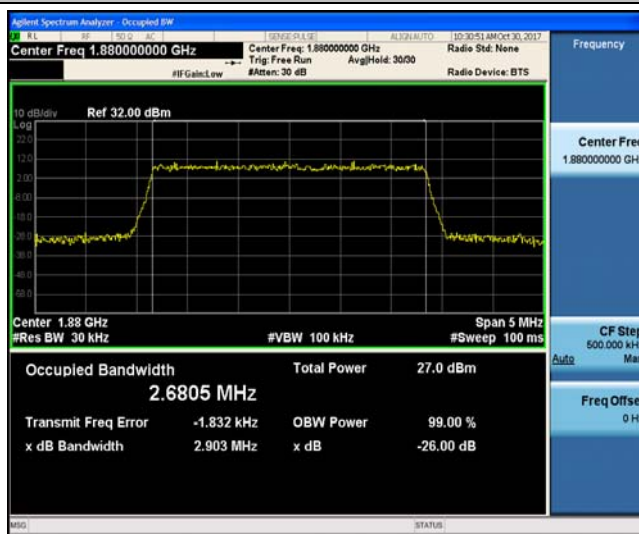
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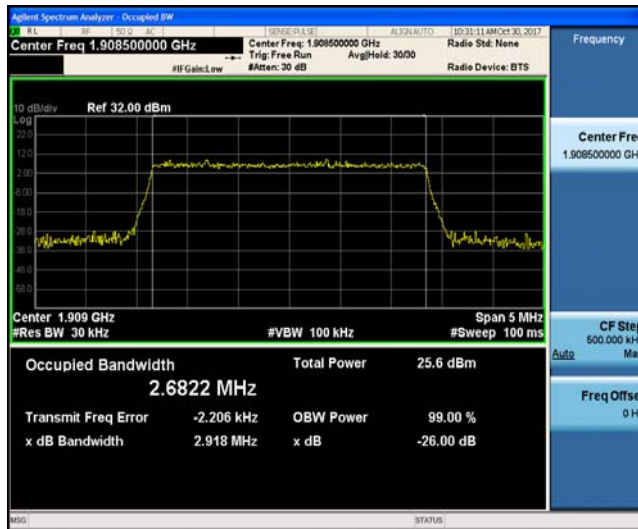
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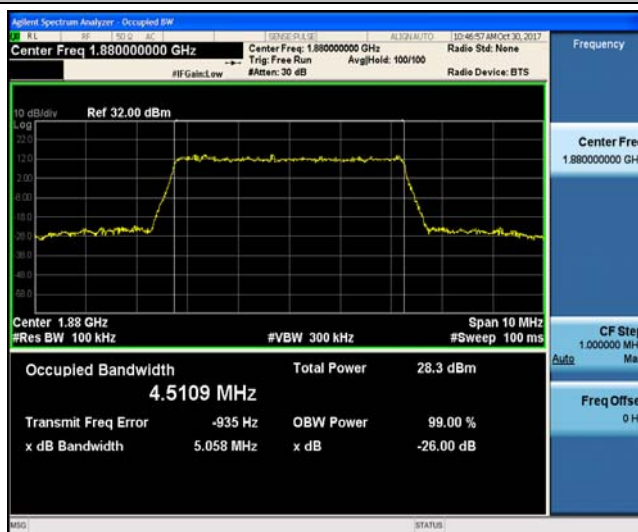
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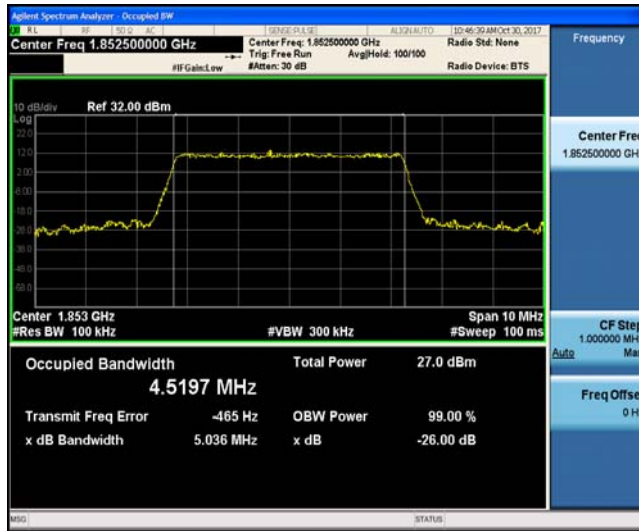
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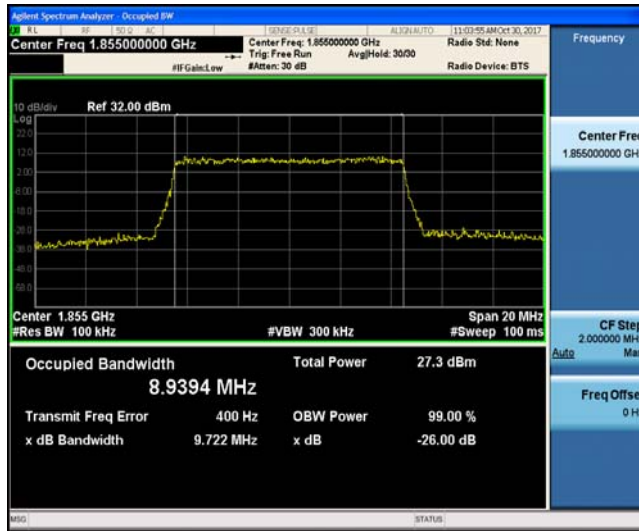
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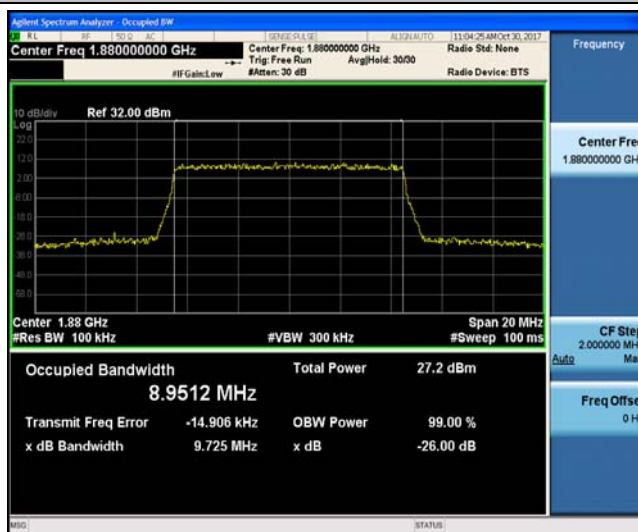
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Band2_10MHz_16QAM_19150_50RB#0



Band2_15MHz_QPSK_18675_75RB#0



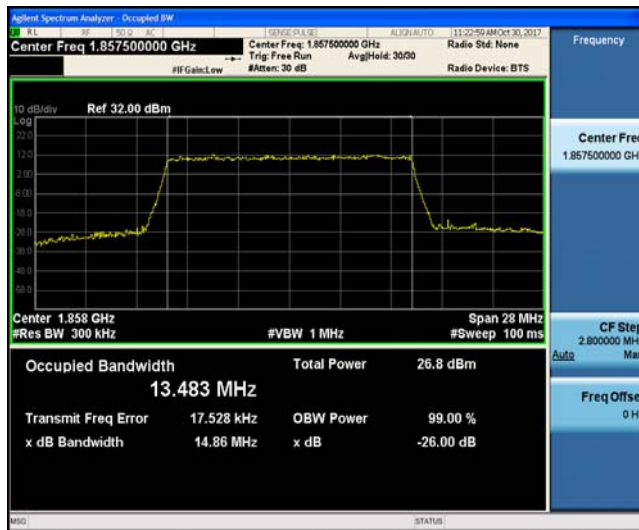
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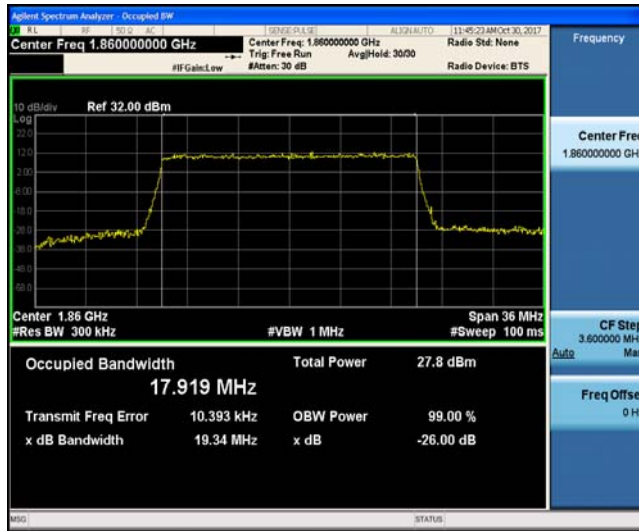
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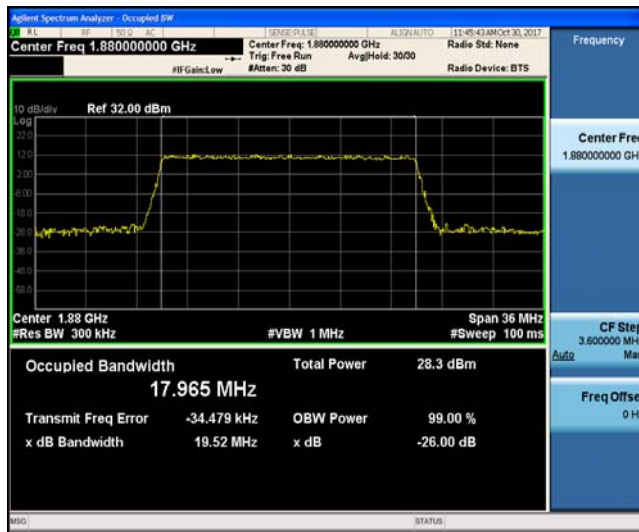
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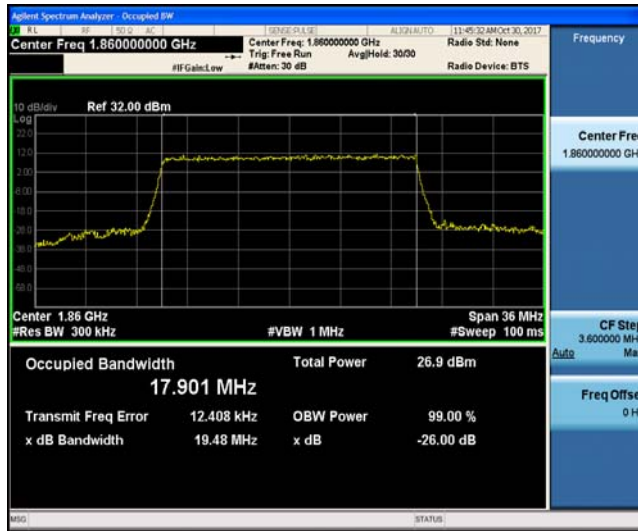
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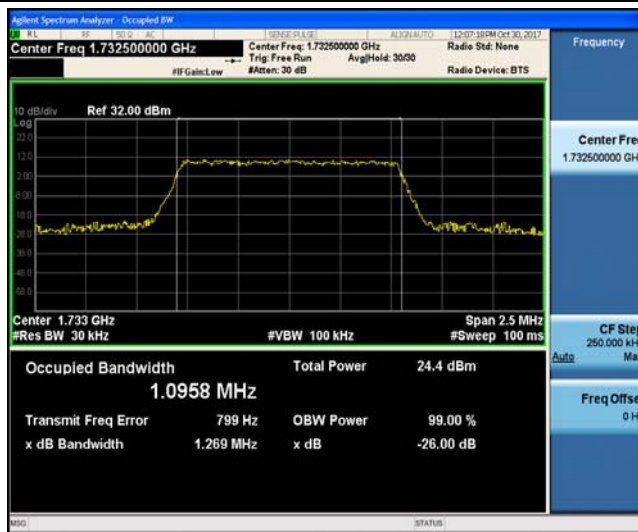
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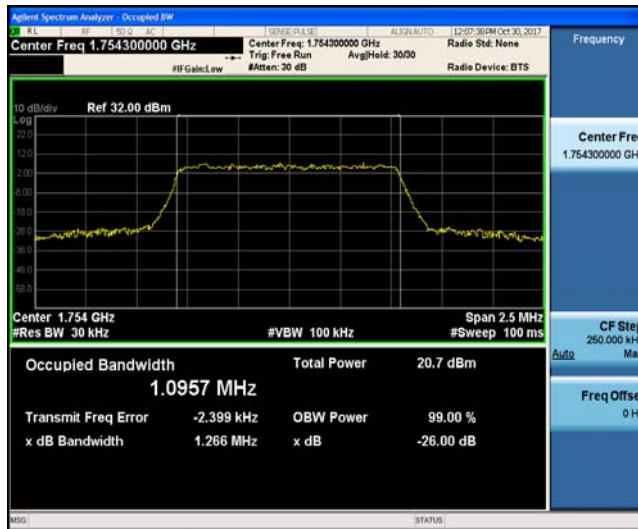
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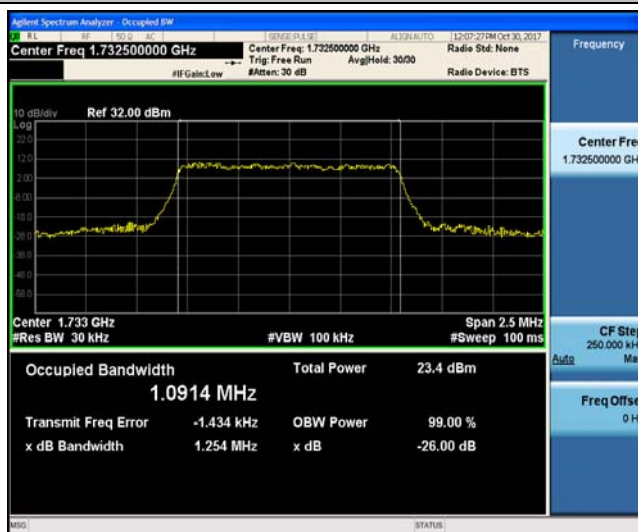
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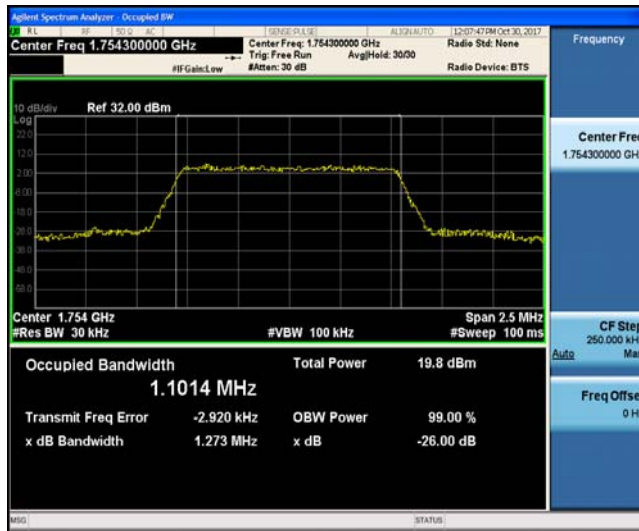
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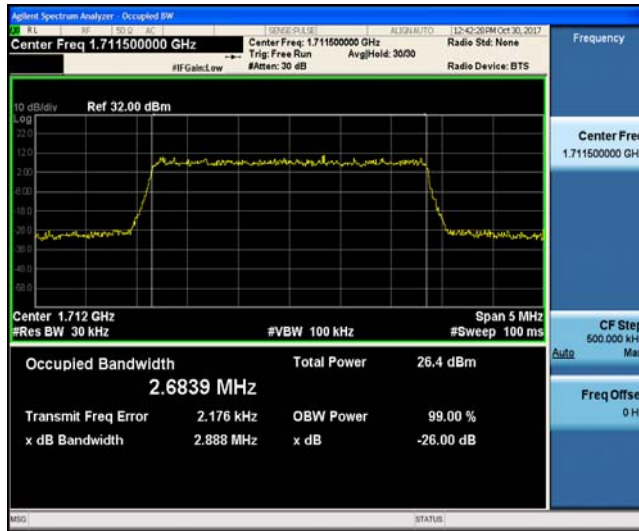
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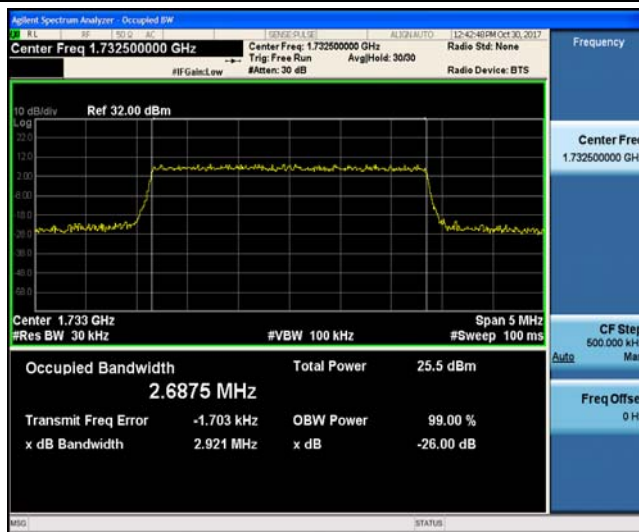
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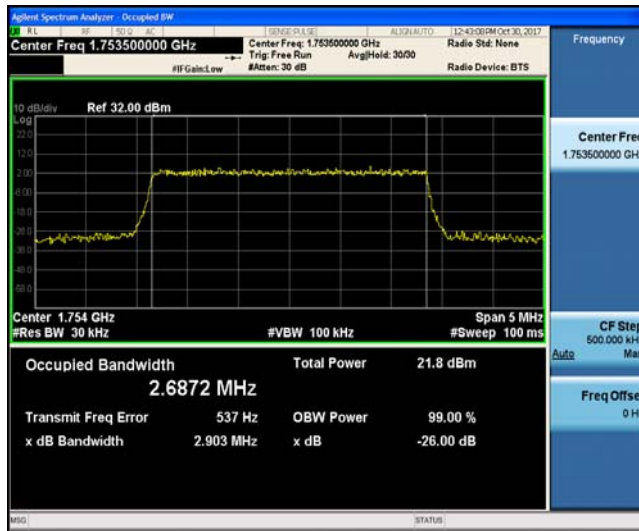
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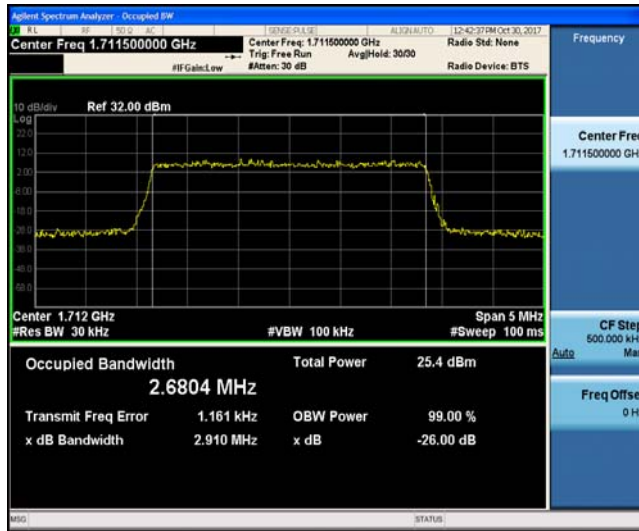
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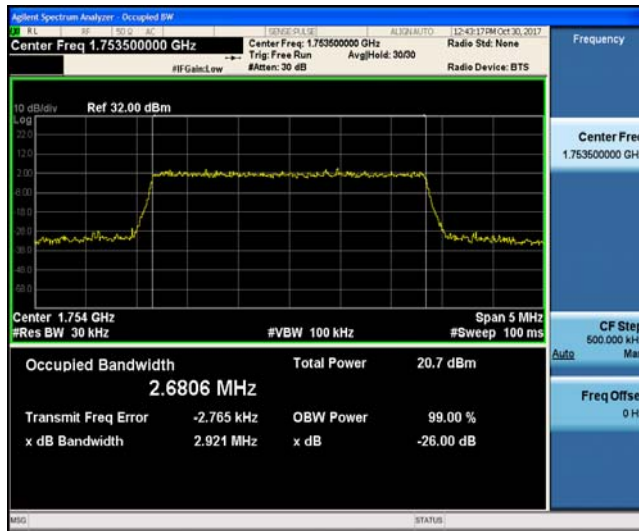
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Band4_5MHz_QPSK_19975_25RB#0



Band4_5MHz_QPSK_20175_25RB#0



Band4_5MHz_QPSK_20375_25RB#0



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Band4_5MHz_16QAM_20175_25RB#0



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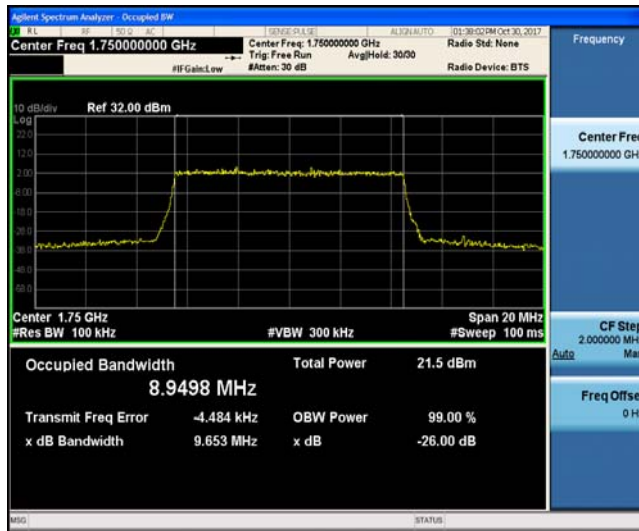
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Band4_10MHz_16QAM_20350_50RB#0



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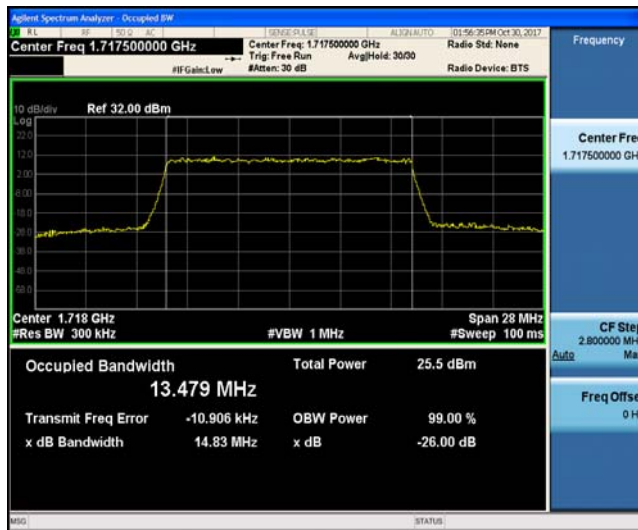
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Band4_15MHz_16QAM_20325_75RB#0



Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20175_100RB#0



Band4_20MHz_QPSK_20300_100RB#0



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Band4_20MHz_16QAM_20175_100RB#0



Band4_20MHz_16QAM_20300_100RB#0



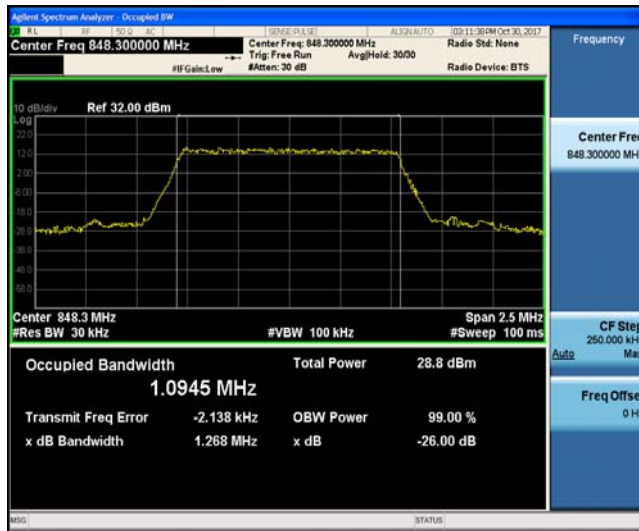
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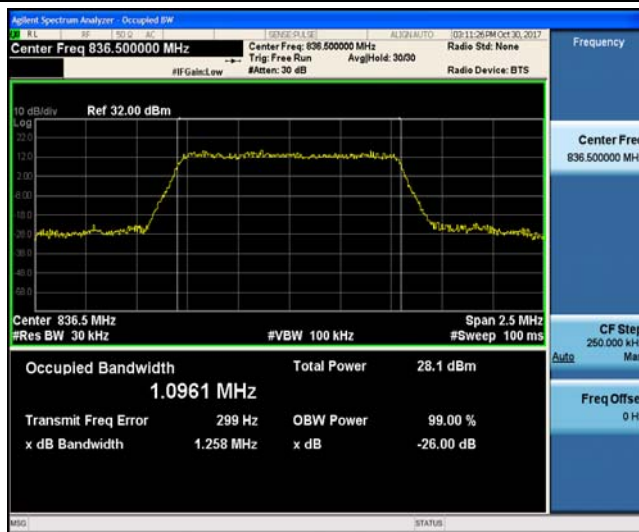
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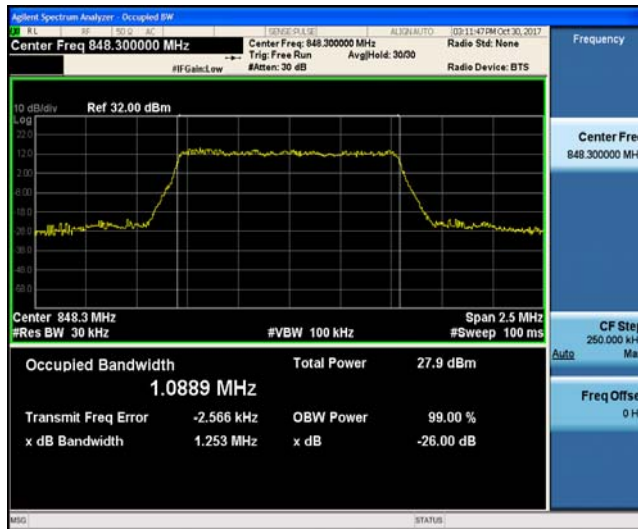
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Band5_1.4MHz_16QAM_20525_6RB#0



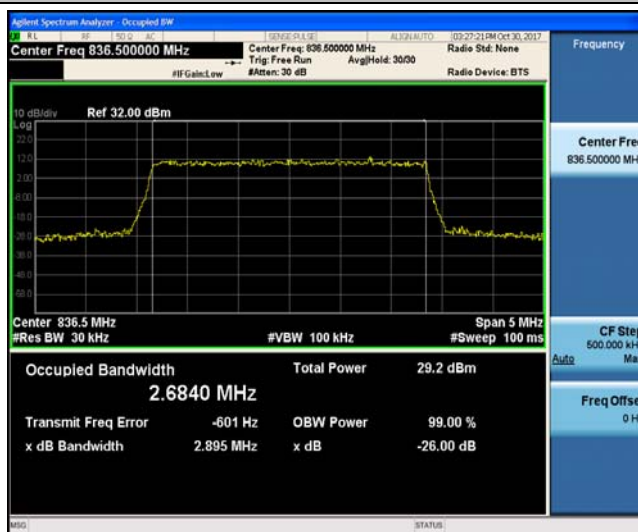
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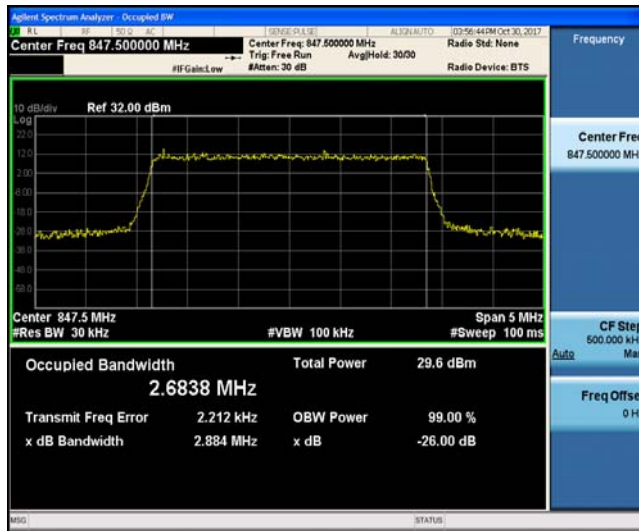
Band5_3MHz_QPSK_20415_15RB#0



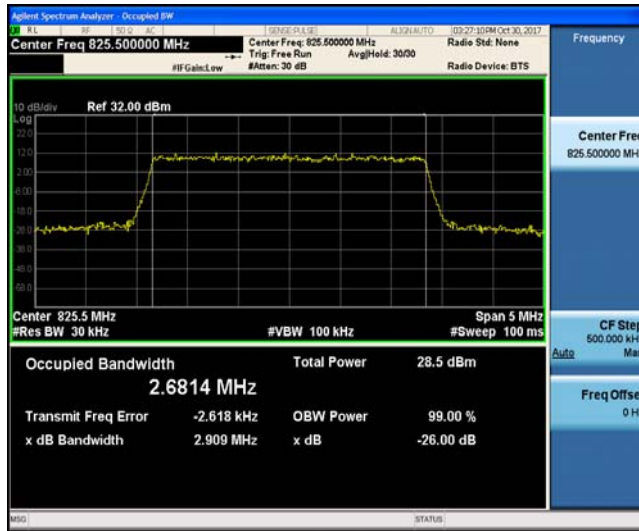
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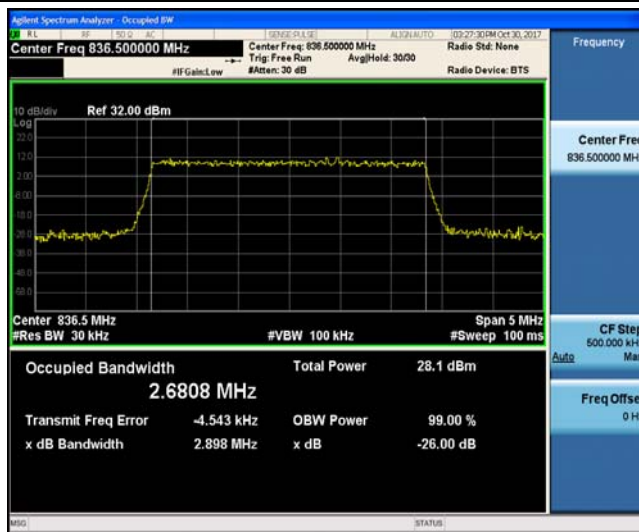
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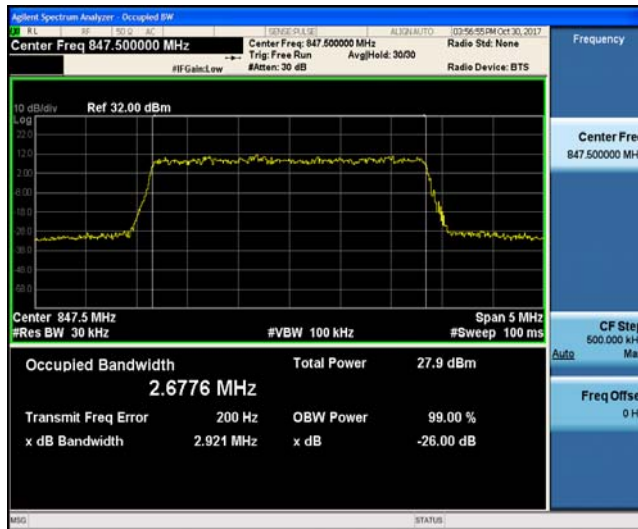
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Band5_3MHz_16QAM_20525_15RB#0



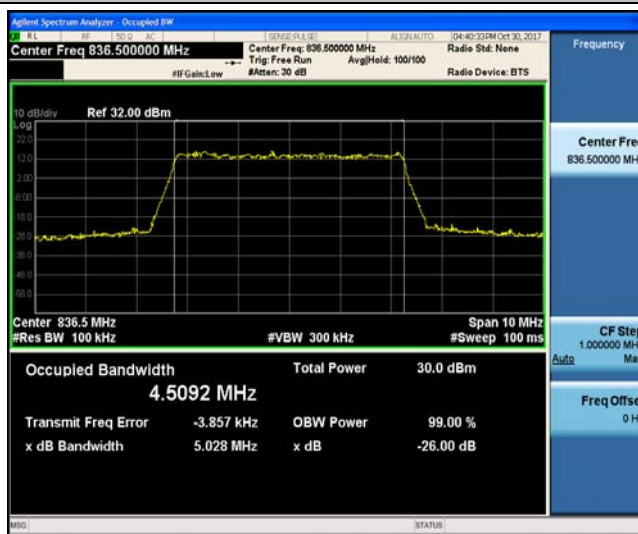
Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_QPSK_20525_25RB#0



Band5_5MHz_QPSK_20625_25RB#0



Band5_5MHz_16QAM_20425_25RB#0



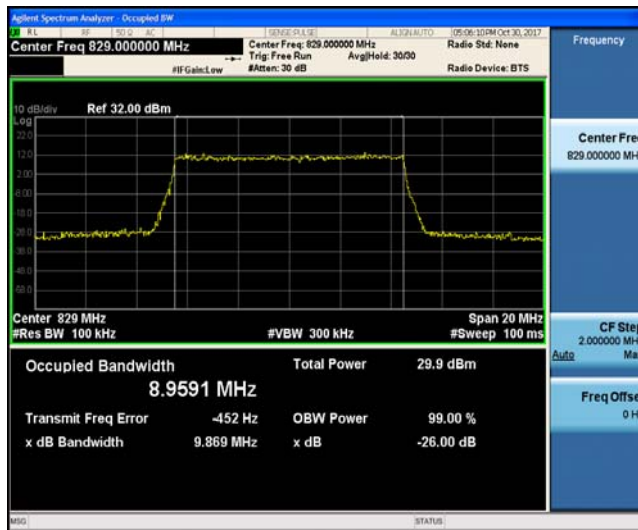
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Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_50RB#0



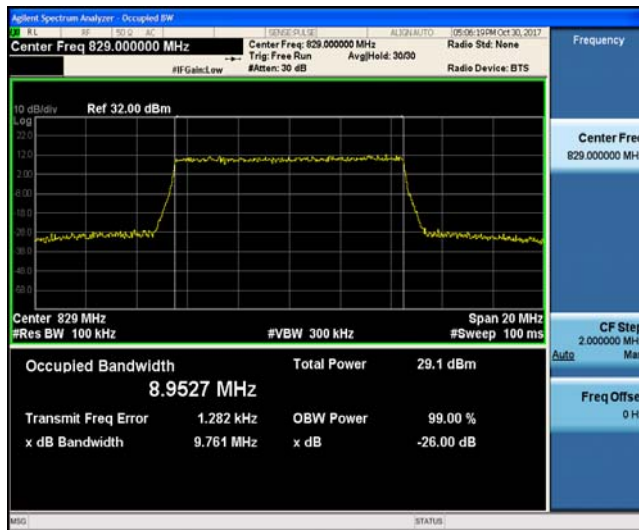
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Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



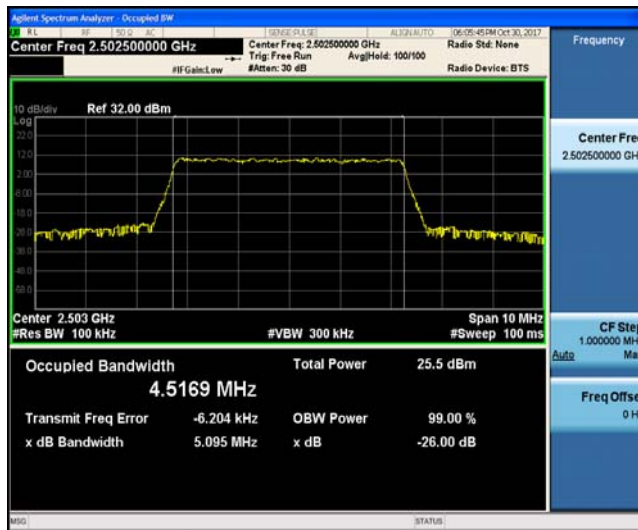
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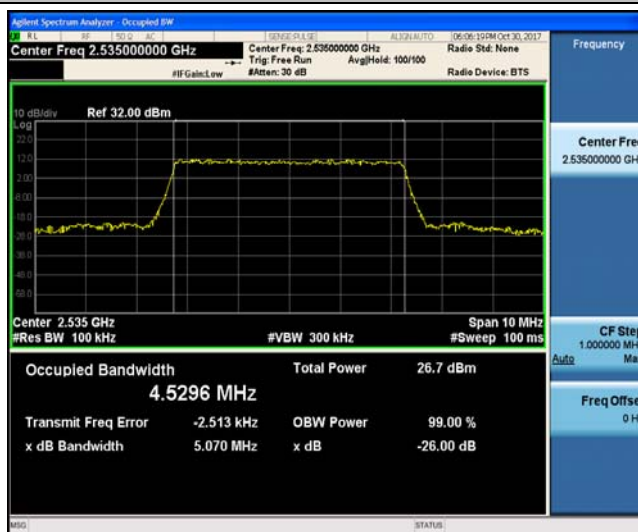
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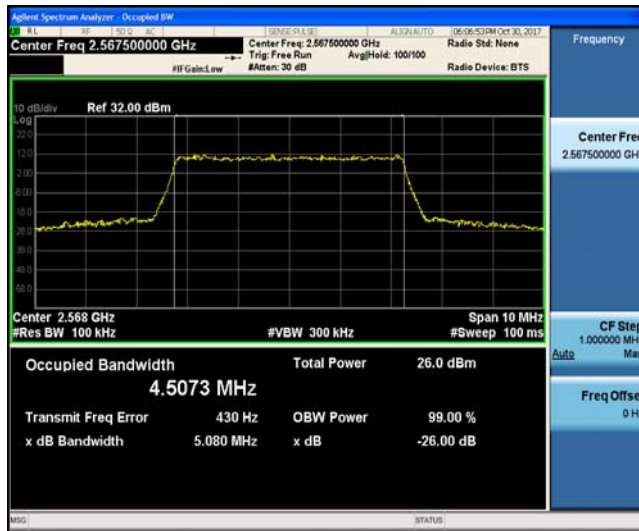
Band7_5MHz_QPSK_20775_25RB#0



Band7_5MHz_QPSK_21100_25RB#0



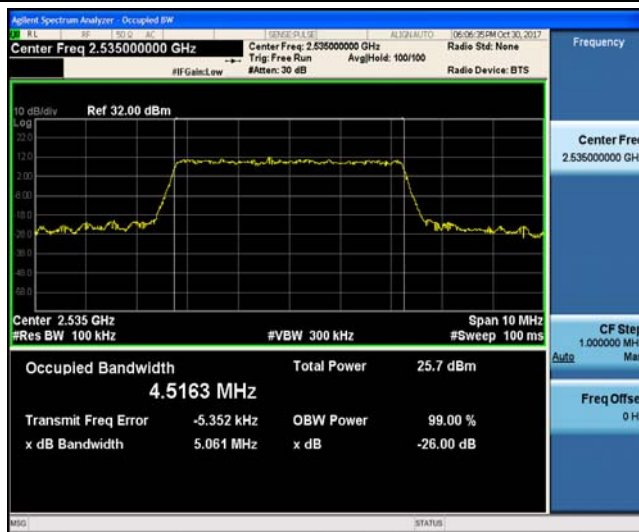
Band7_5MHz_QPSK_21425_25RB#0



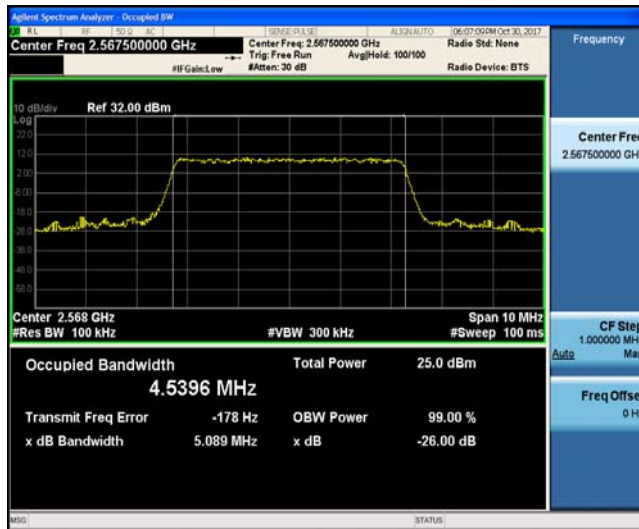
Band7_5MHz_16QAM_20775_25RB#0



Band7_5MHz_16QAM_21100_25RB#0



Band7_5MHz_16QAM_21425_25RB#0



Band7_10MHz_QPSK_20800_50RB#0



Band7_10MHz_QPSK_21100_50RB#0



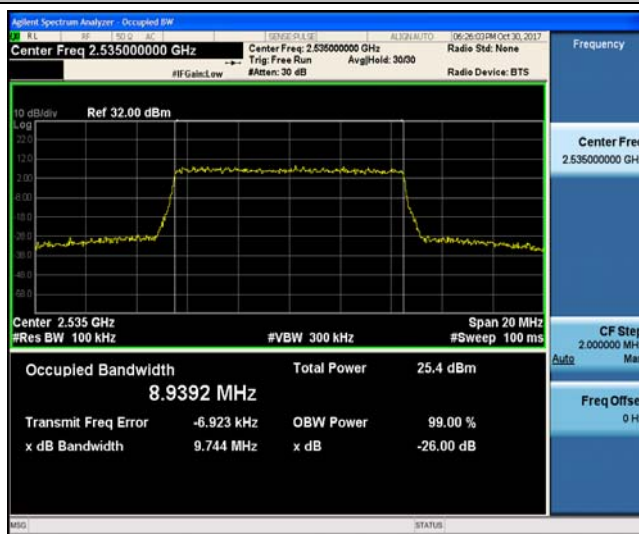
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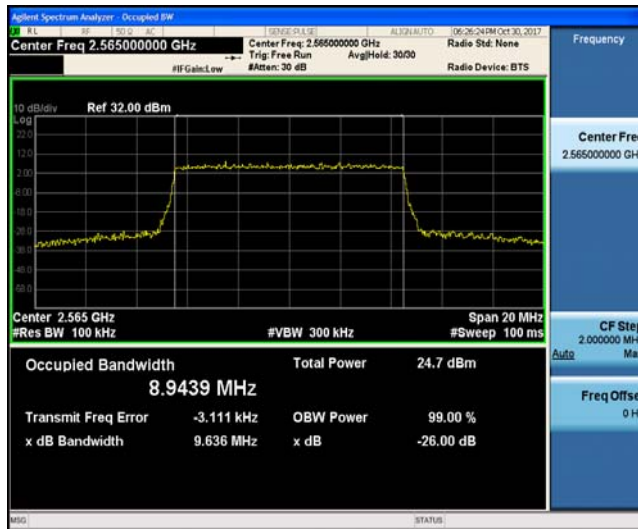
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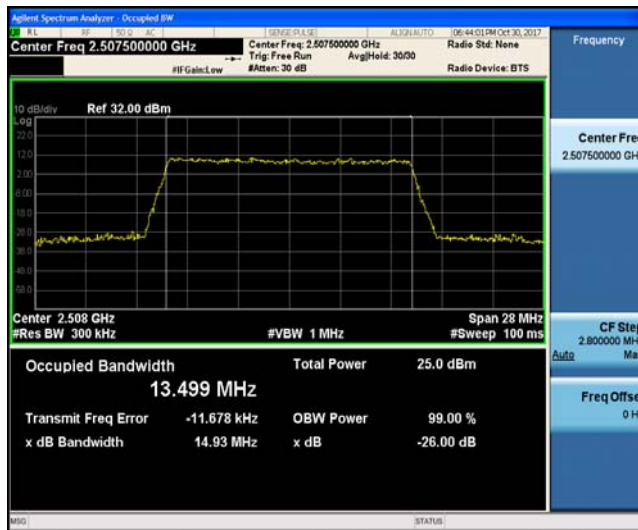
Band7_10MHz_16QAM_21100_50RB#0



Band7_10MHz_16QAM_21400_50RB#0



Band7_15MHz_QPSK_20825_75RB#0



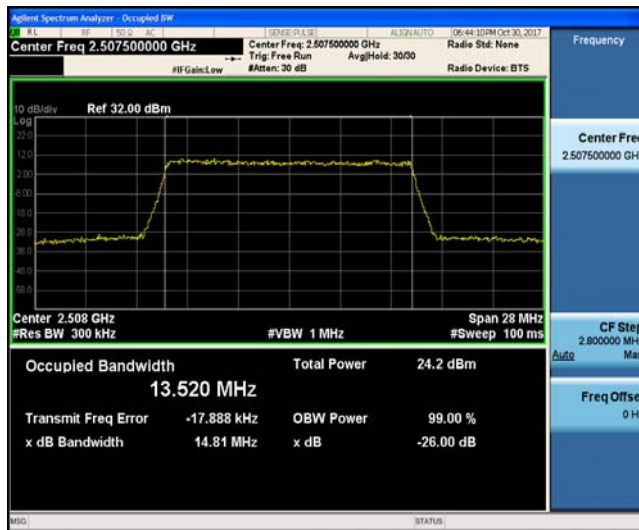
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Band7_15MHz_QPSK_21375_75RB#0



Band7_15MHz_16QAM_20825_75RB#0



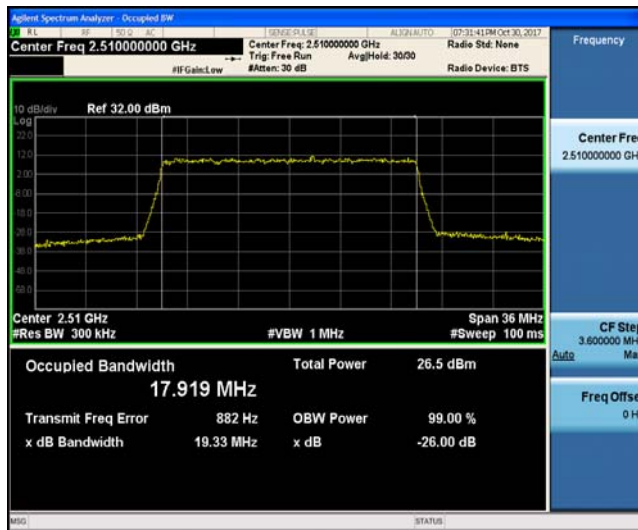
Band7_15MHz_16QAM_2100_75RB#0



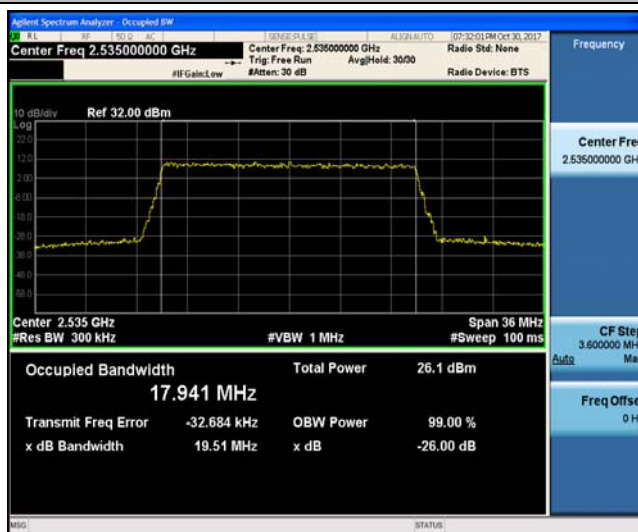
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Band7_20MHz_QPSK_20850_100RB#0



Band7_20MHz_QPSK_21100_100RB#0



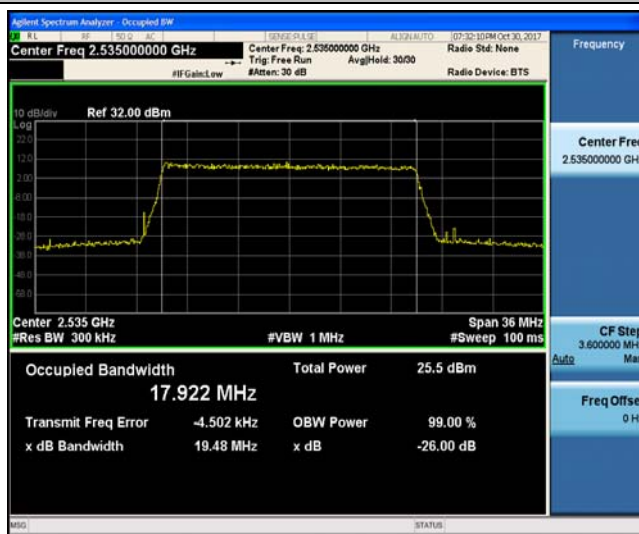
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Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_16QAM_21100_100RB#0



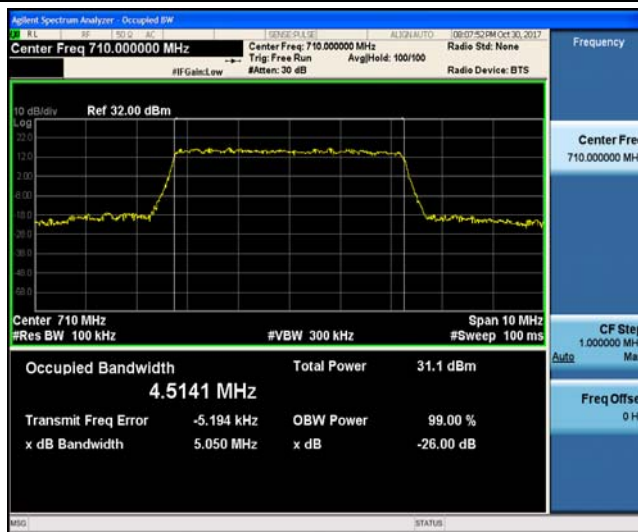
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Band17_5MHz_QPSK_23755_25RB#0



Band17_5MHz_QPSK_23790_25RB#0



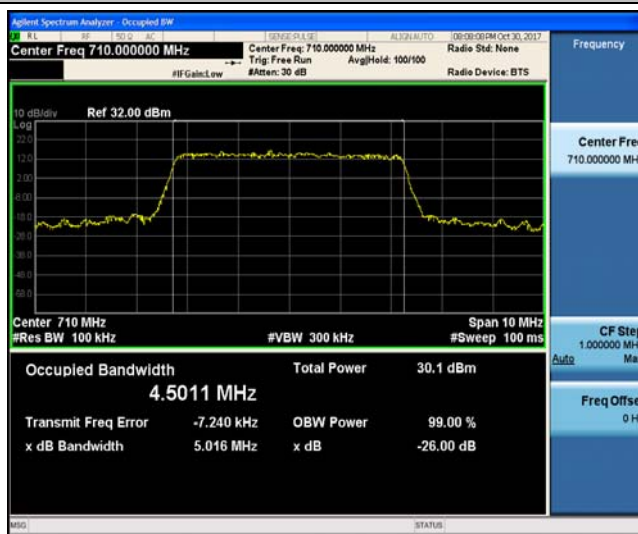
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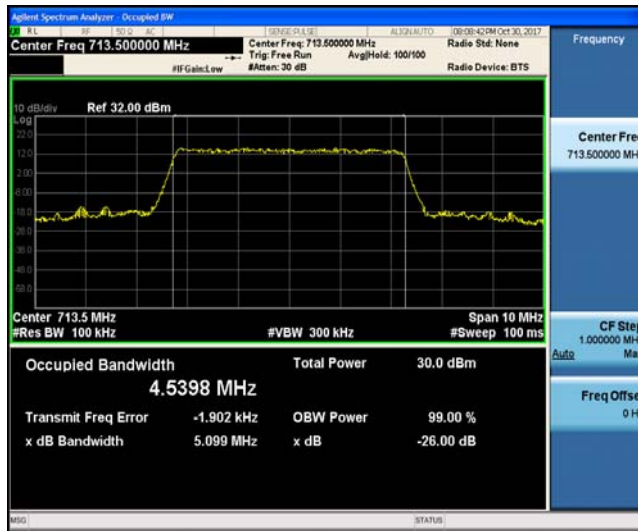
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Band17_5MHz_16QAM_23790_25RB#0



Band17_5MHz_16QAM_23825_25RB#0



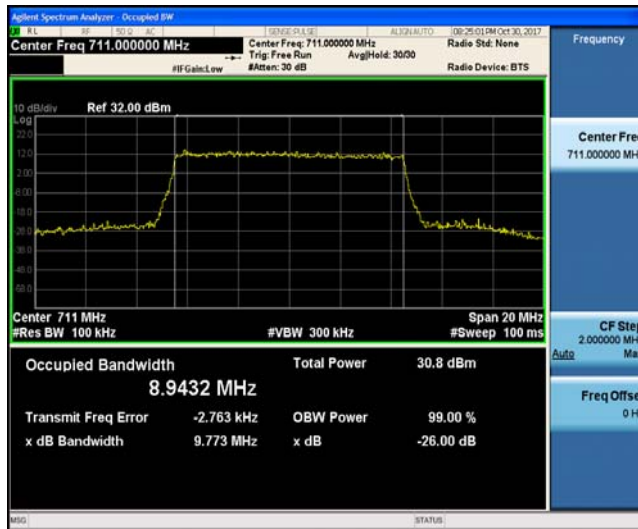
Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_QPSK_23790_50RB#0



Band17_10MHz_QPSK_23800_50RB#0



Band17_10MHz_16QAM_23780_50RB#0



Band17_10MHz_16QAM_23790_50RB#0



Band17_10MHz_16QAM_23800_50RB#0