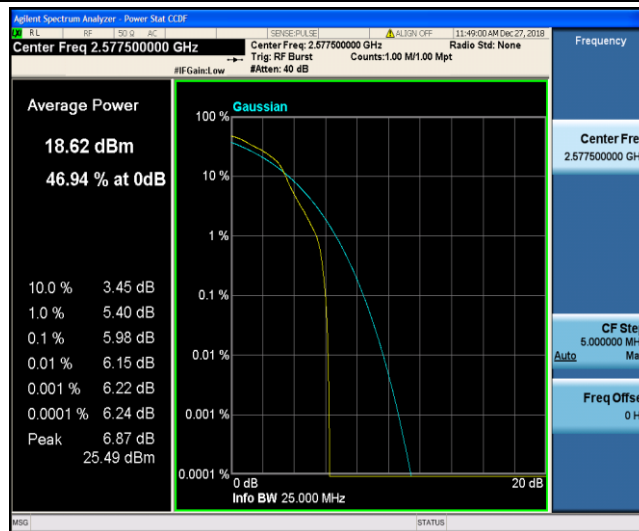
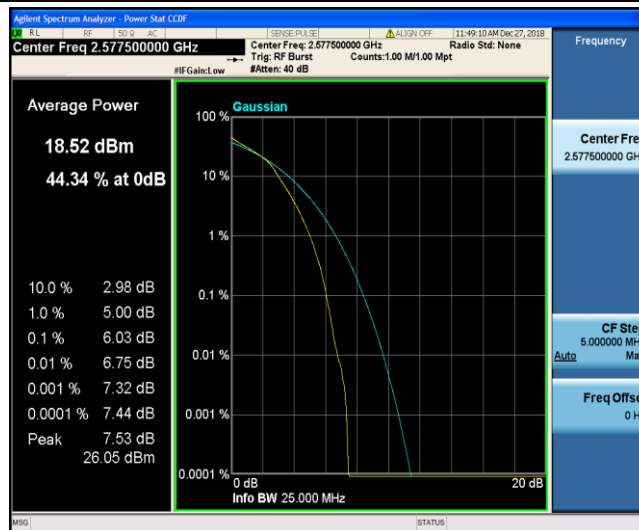
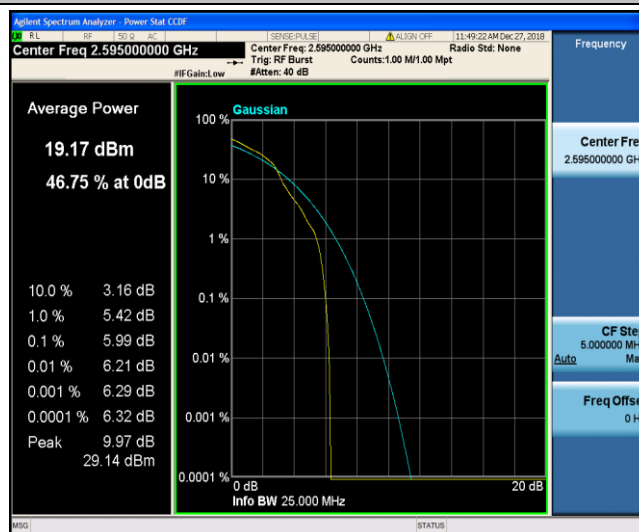




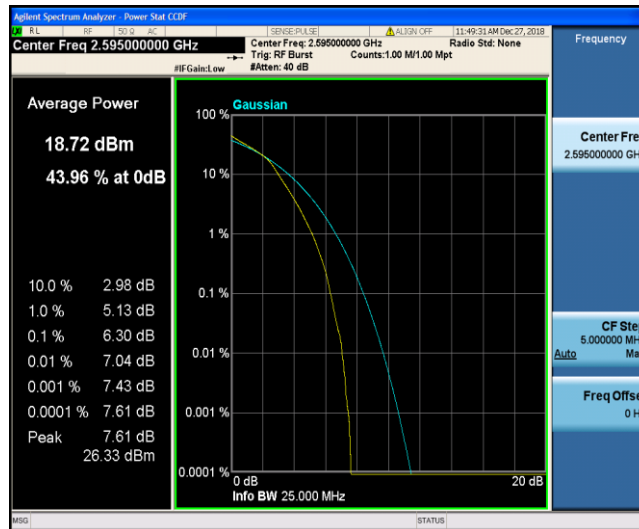
Band38_15MHz_16QAM_37825_1RB#0



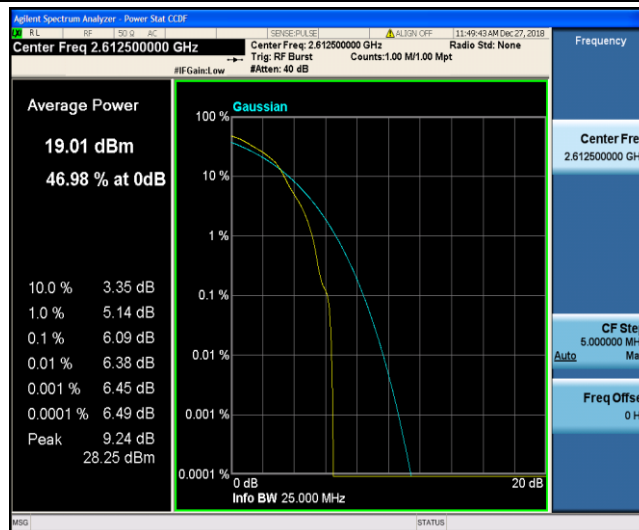
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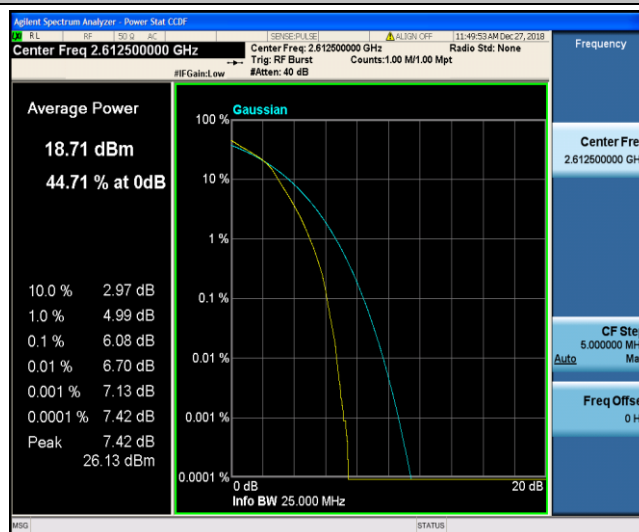
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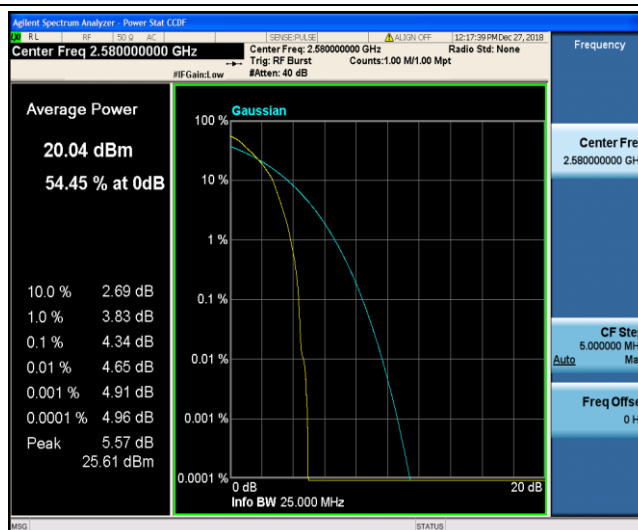
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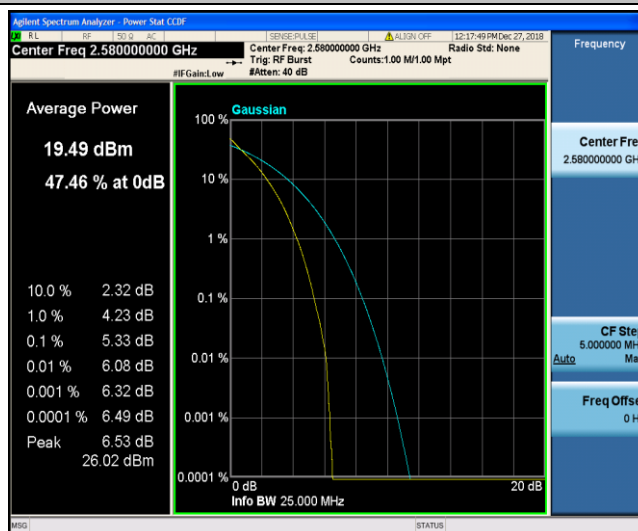
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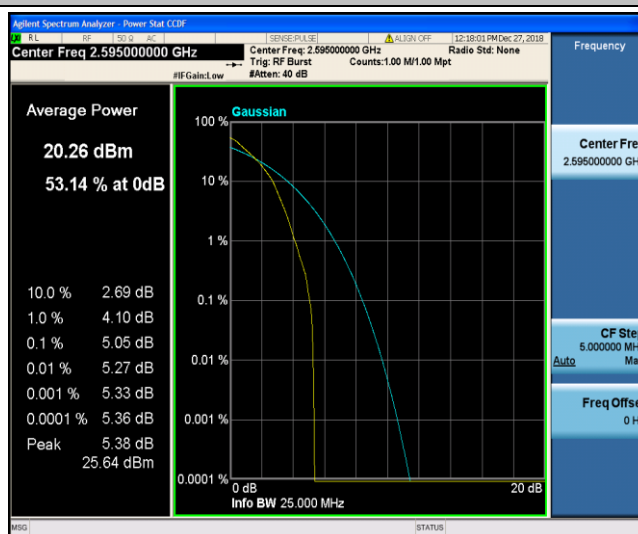
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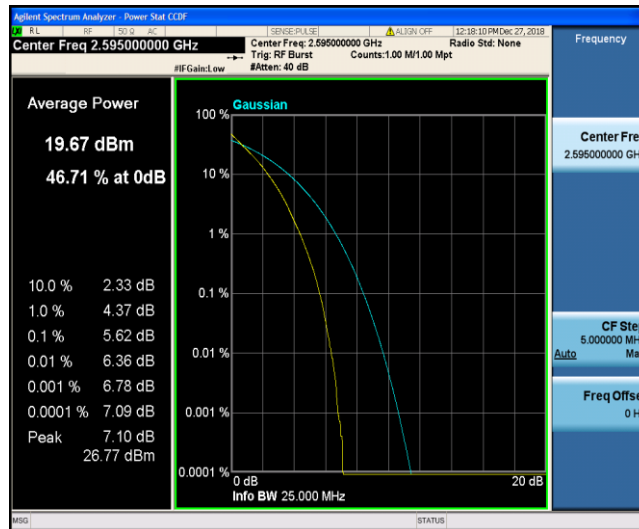
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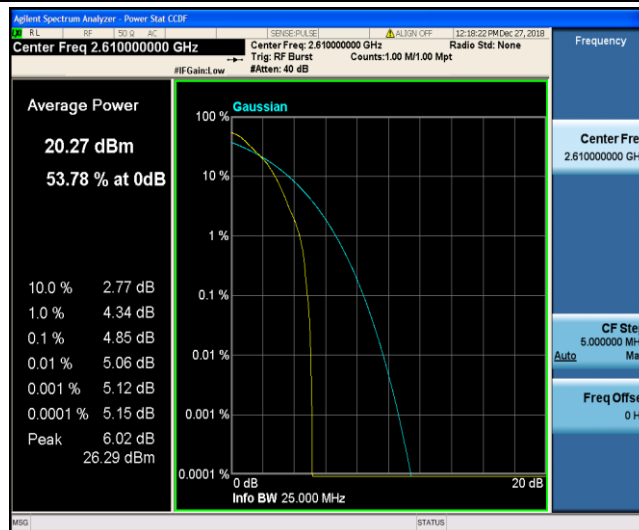
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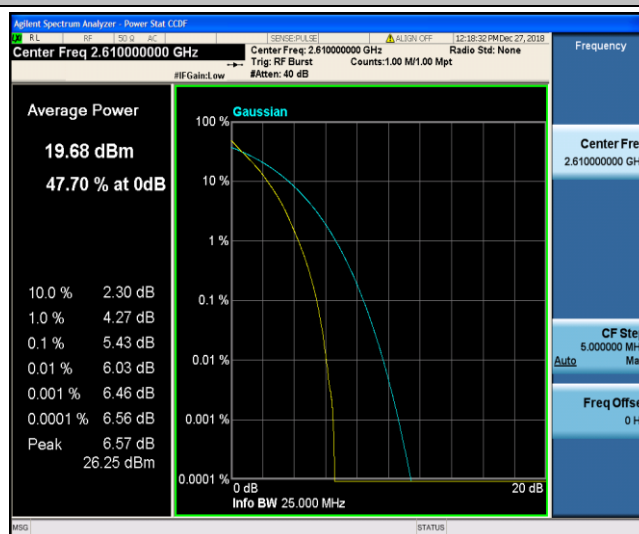
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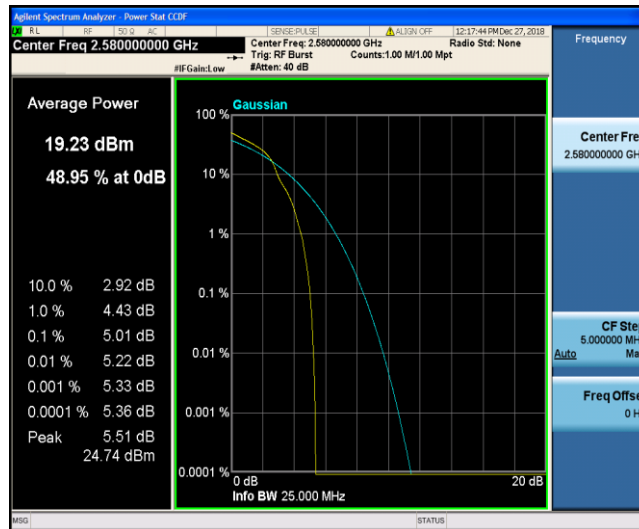
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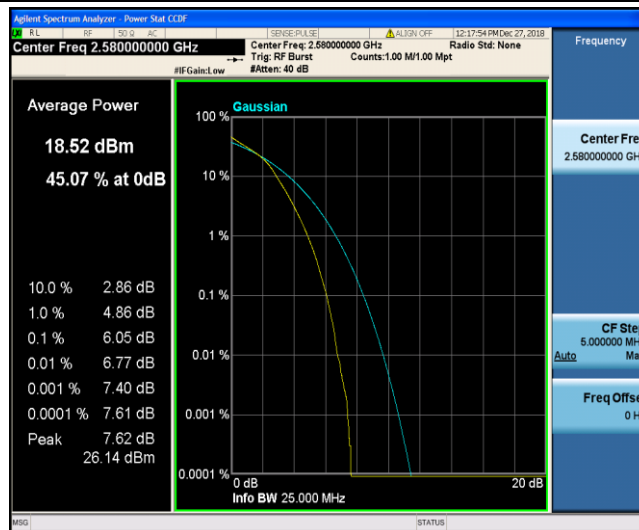
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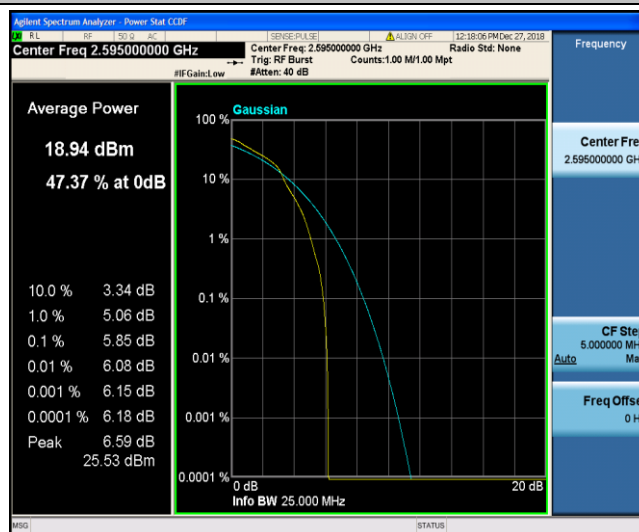
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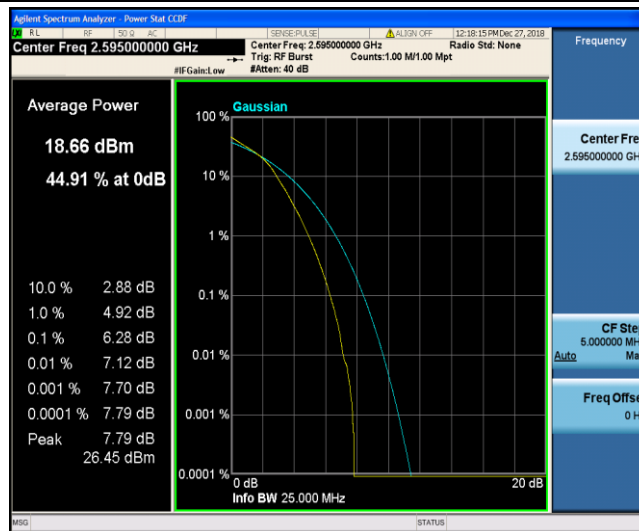
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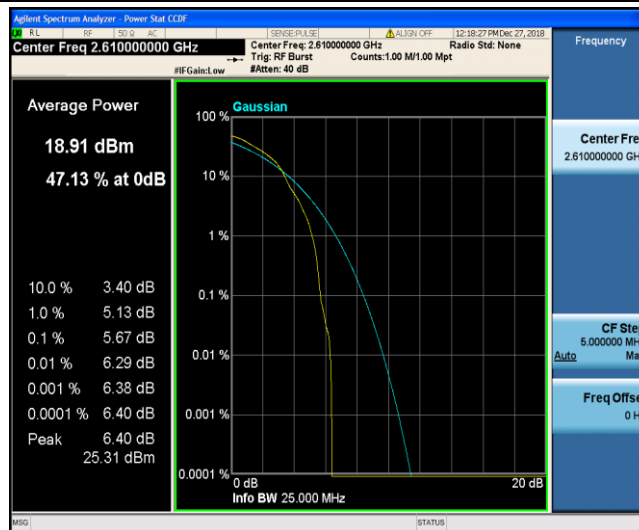
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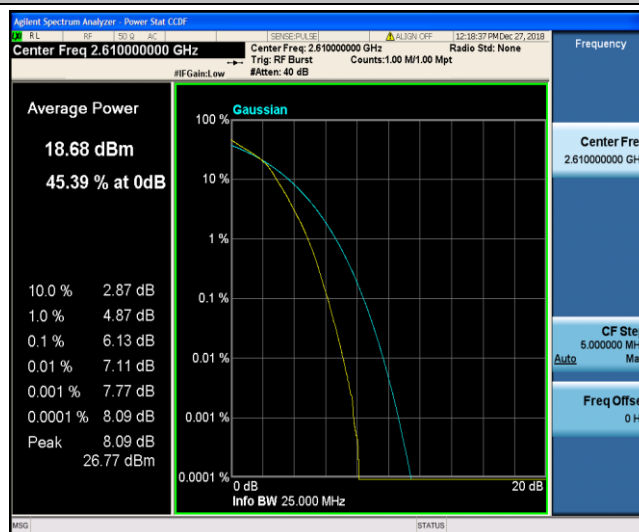
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Band38_20MHz_16QAM_38000_100RB#0



Band38_20MHz_16QAM_38150_1RB#0



Band38_20MHz_16QAM_38150_100RB#0



8.3 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	1.0944	1.267	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0894	1.265	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1016	1.261	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0971	1.280	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0985	1.274	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0970	1.272	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6840	2.887	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6855	2.921	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6881	2.906	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6805	2.932	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6795	2.907	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6815	2.904	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5318	5.070	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5147	5.069	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5193	5.071	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5155	5.034	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5341	5.108	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5374	5.043	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9429	9.811	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9589	9.754	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9541	9.713	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9409	9.734	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9530	9.694	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9590	9.719	PASS
Band2	15MHz	QPSK	18675	75RB#0	9.1228	10.59	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.506	14.89	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.478	14.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.500	14.84	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.523	14.80	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.527	14.82	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.945	19.45	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.988	19.47	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.920	19.36	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.927	19.49	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.959	19.50	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.968	19.43	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0913	1.264	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1005	1.265	PASS



Band4	1.4MHz	QPSK	20393	6RB#0	1.0962	1.303	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1006	1.275	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0970	1.265	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0913	1.262	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6844	2.909	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6872	2.924	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6827	2.900	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6844	2.928	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6823	2.933	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6849	2.930	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5370	5.081	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5143	5.092	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5177	5.049	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5172	5.041	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5441	5.097	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5345	5.050	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9382	9.800	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9586	9.732	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9374	9.687	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9344	9.602	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9500	9.723	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9395	9.722	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.459	14.89	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.495	14.88	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.484	14.83	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.84	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.541	14.81	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.487	14.85	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.866	19.25	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.984	19.63	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.875	19.36	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.908	19.46	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.963	19.50	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.927	19.58	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0957	1.258	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0989	1.269	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0932	1.279	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0998	1.287	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0944	1.265	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0876	1.255	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6863	2.904	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6872	2.908	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6847	2.903	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6819	2.896	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6805	2.911	PASS



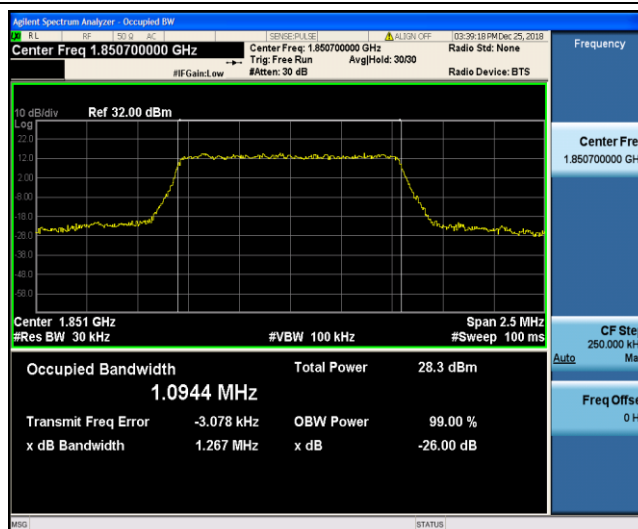
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Band5	5MHz	QPSK	20425	25RB#0	4.5288	5.081	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5124	5.067	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5205	5.085	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5174	5.055	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5377	5.095	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5390	5.060	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9632	9.819	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9644	9.797	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9457	9.696	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9505	9.711	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9623	9.848	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9521	9.698	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5312	5.056	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5133	5.057	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5187	5.057	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5166	5.032	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5344	5.083	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5343	5.058	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9543	9.768	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9349	9.708	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9301	9.667	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9359	9.720	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9476	9.698	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9429	9.640	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.517	14.88	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.494	14.94	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.450	14.87	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.477	14.82	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.491	14.89	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.497	14.83	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.930	19.40	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.916	19.61	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.910	19.37	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.983	19.45	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.933	19.43	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.942	19.59	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.5168	5.051	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5111	5.312	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5100	5.265	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5173	5.205	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5248	5.314	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5088	5.254	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9410	9.697	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9402	9.767	PASS



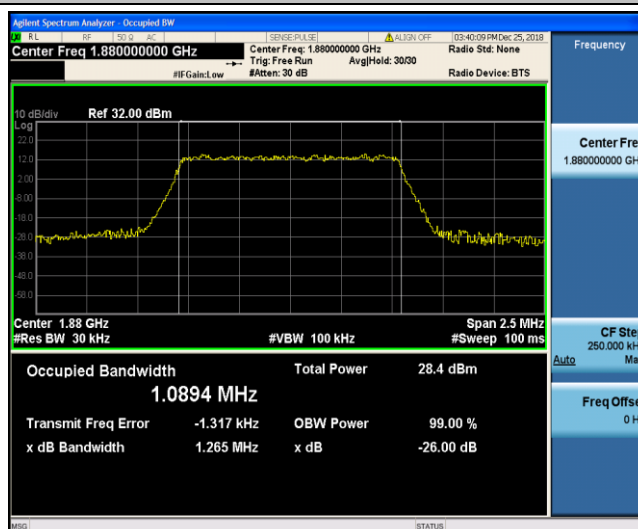
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Band38	10MHz	16QAM	38000	50RB#0	8.9416	9.575	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9428	9.684	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.492	15.31	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.464	16.01	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.449	14.88	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.489	15.41	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.522	15.92	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.524	15.03	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.919	19.33	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.922	20.08	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.939	20.27	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.928	19.43	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.908	19.26	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.930	19.65	PASS



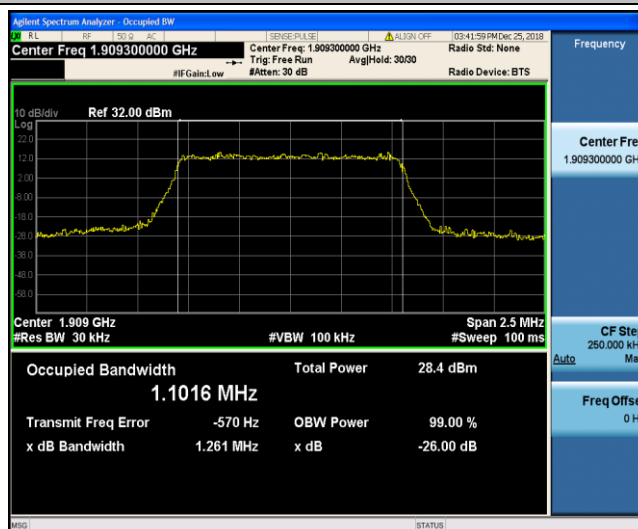
Test Graphs



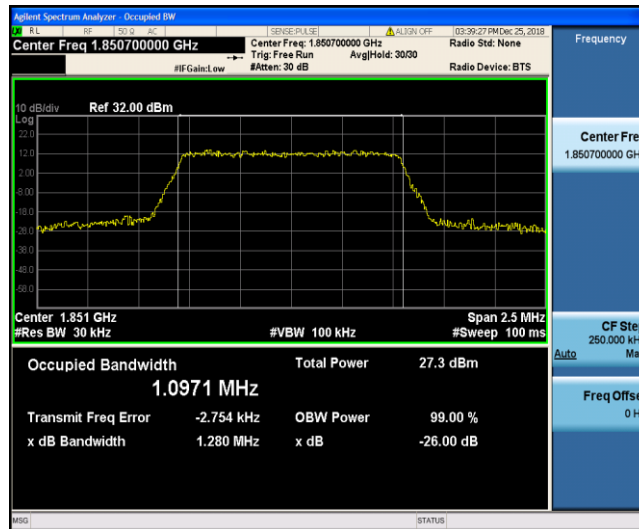
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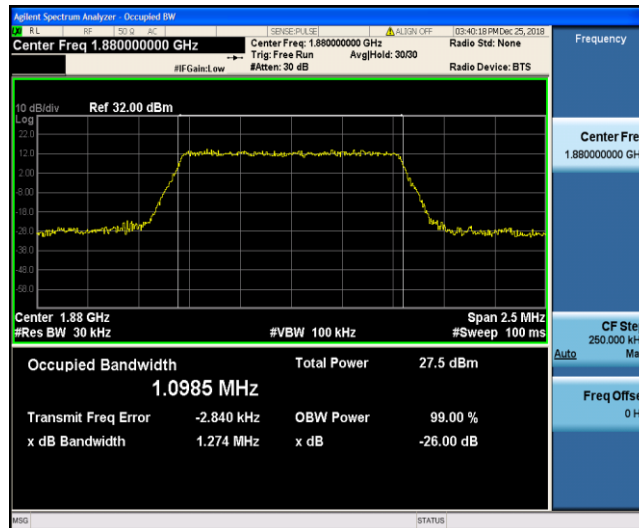
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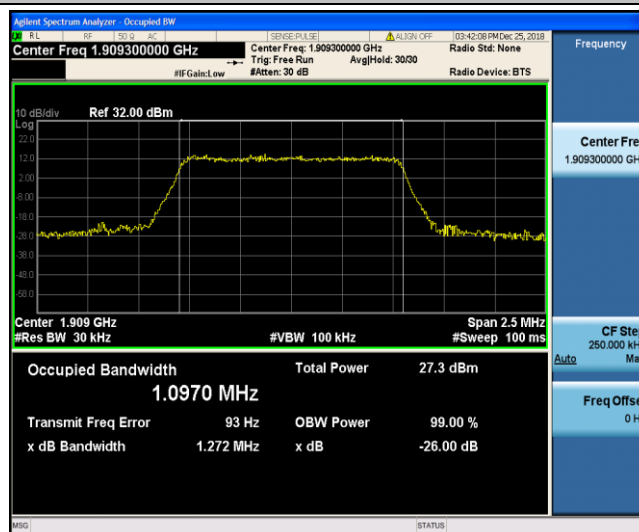
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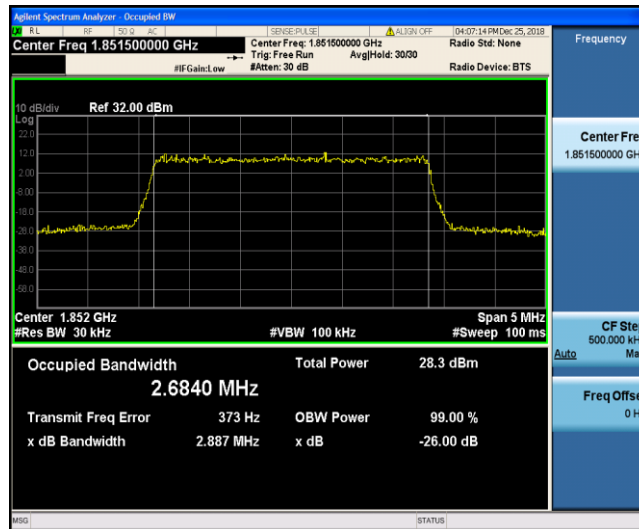
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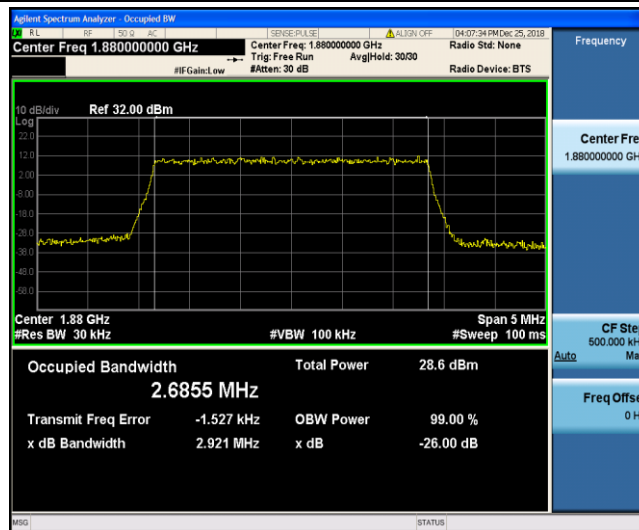
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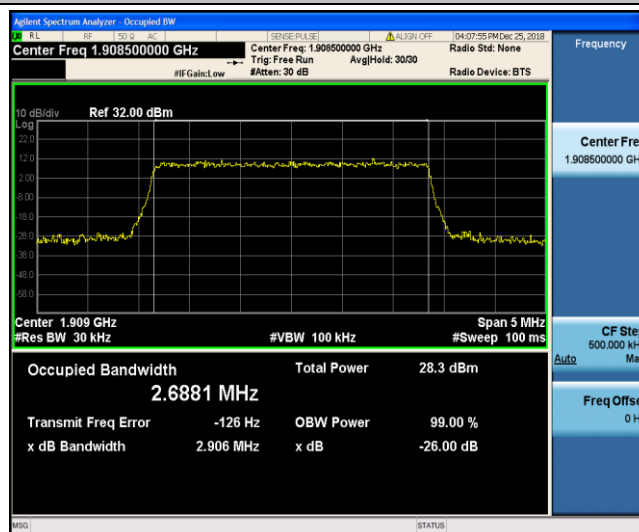
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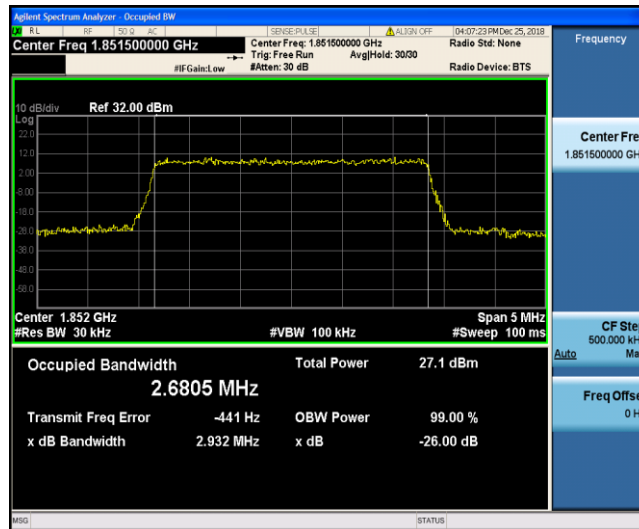
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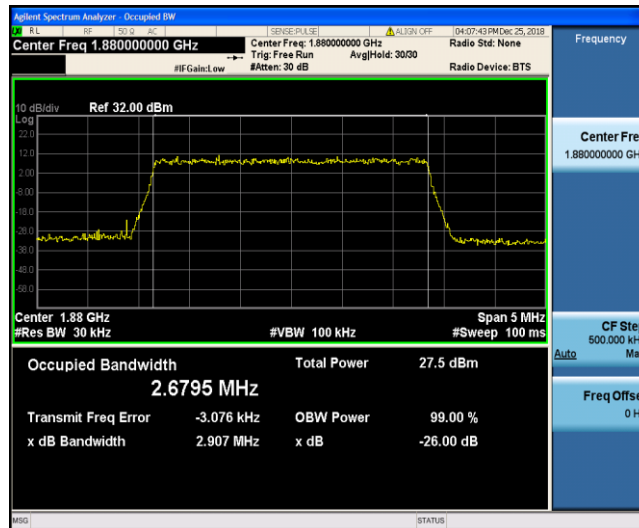
Band2_3MHz_QPSK_18900_15RB#0



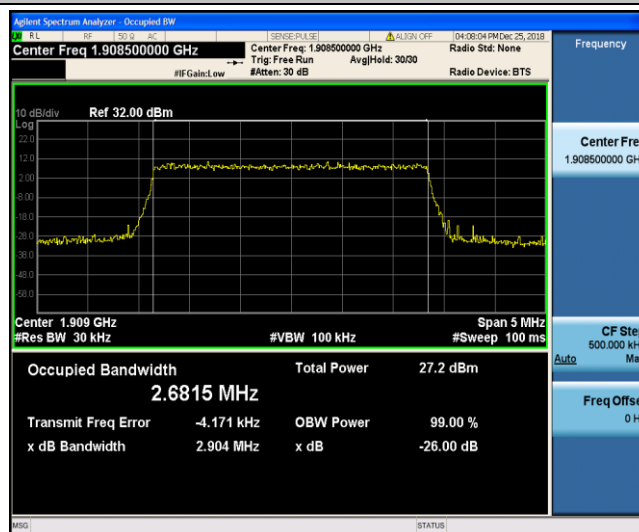
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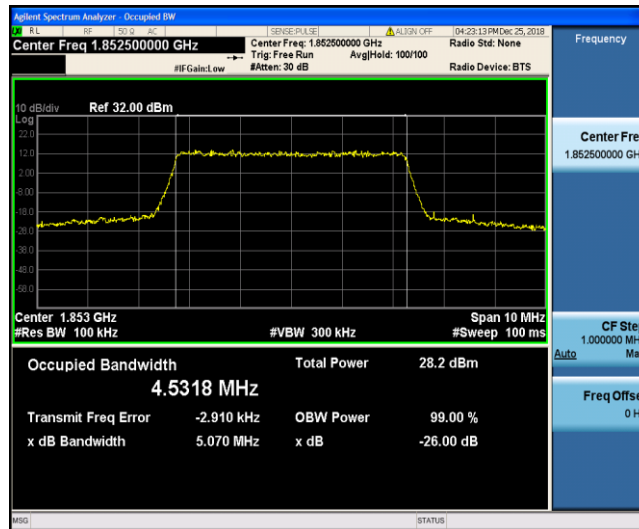
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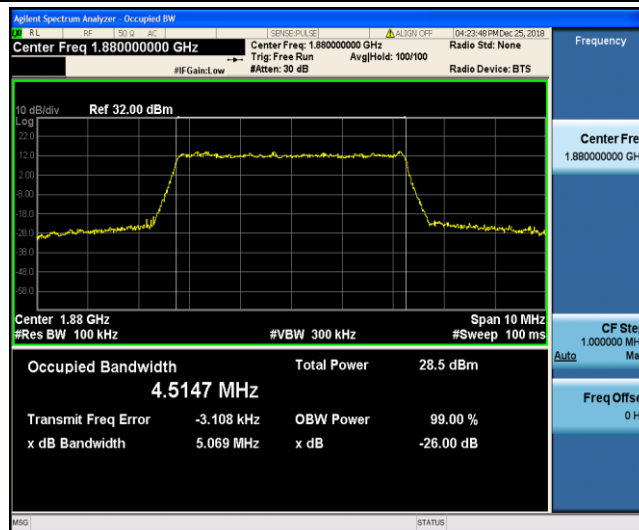
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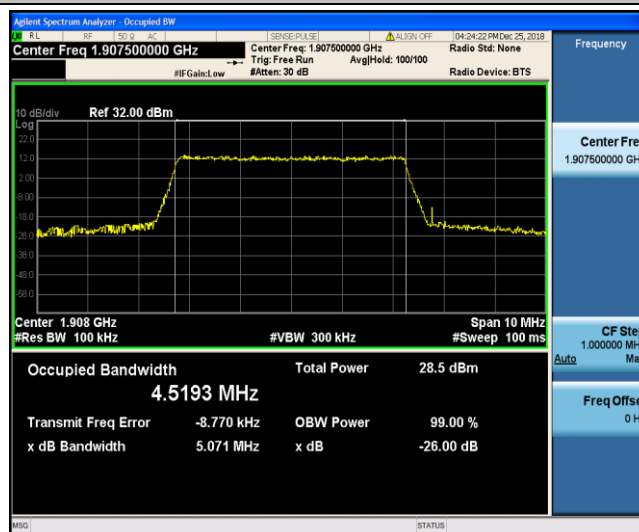
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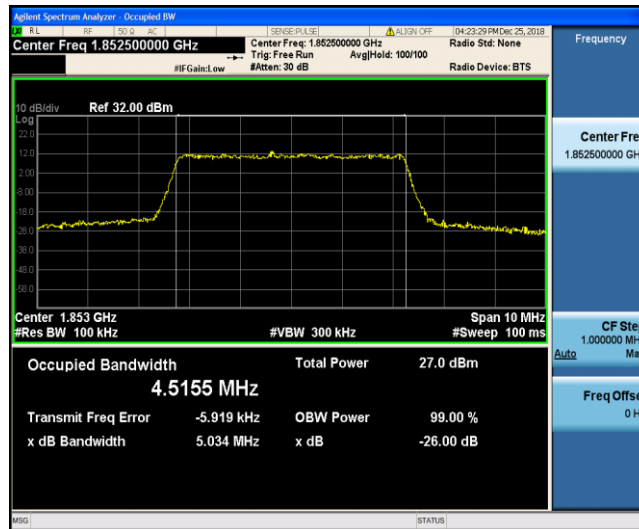
Band2_5MHz_QPSK_18625_25RB#0



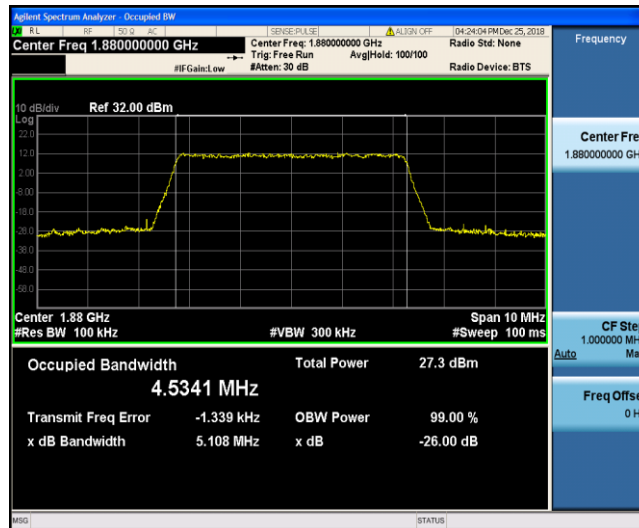
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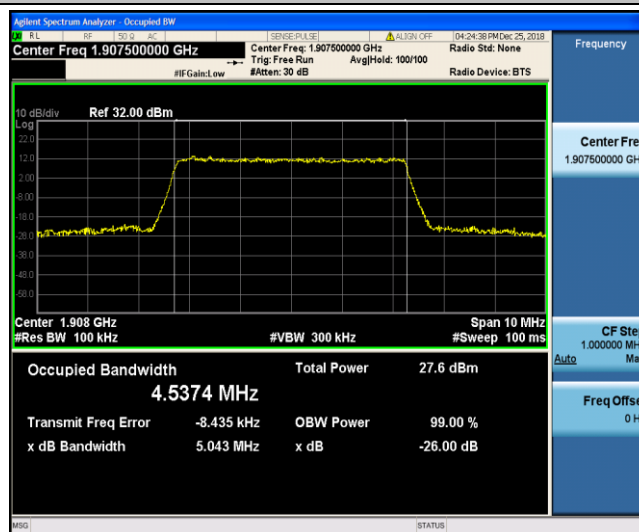
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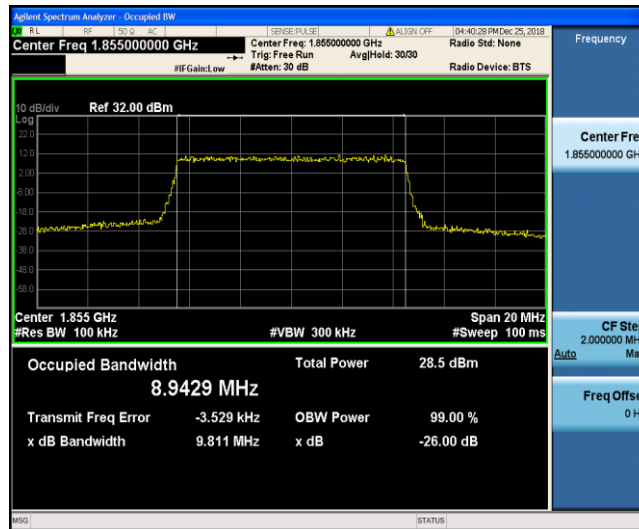
Band2_5MHz_16QAM_18625_25RB#0



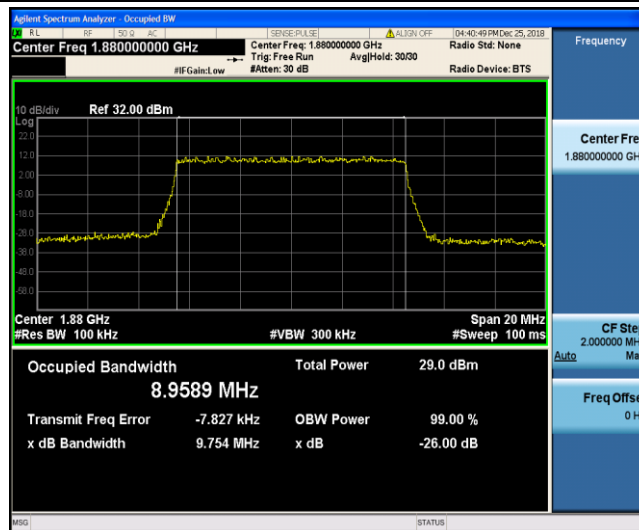
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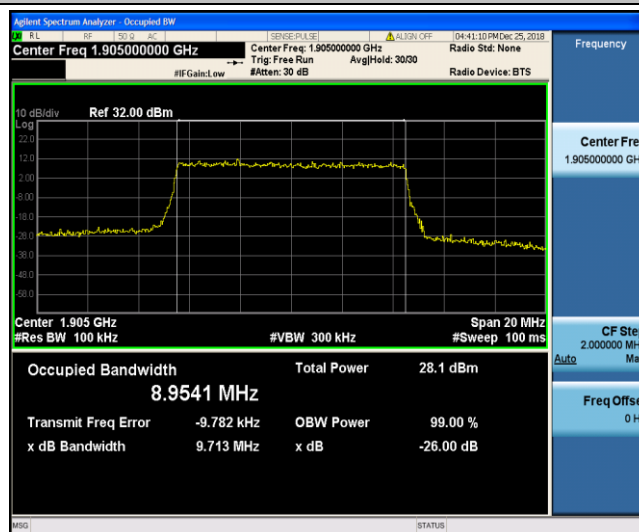
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Band2_10MHz_QPSK_18650_50RB#0



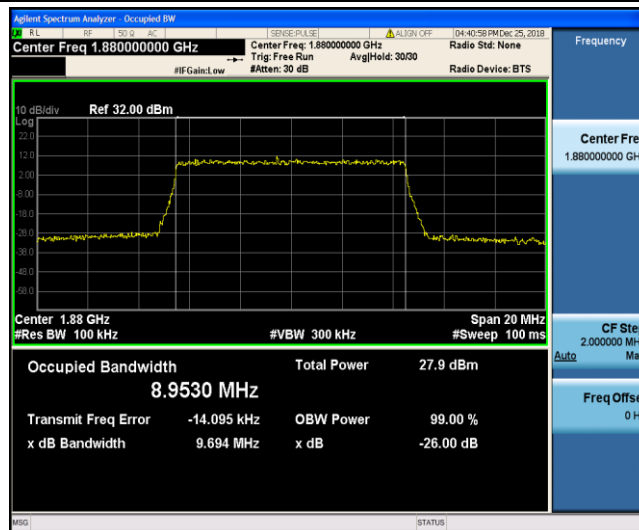
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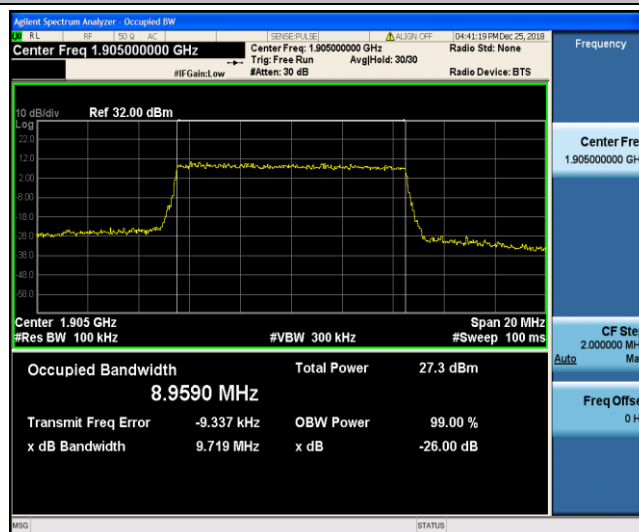
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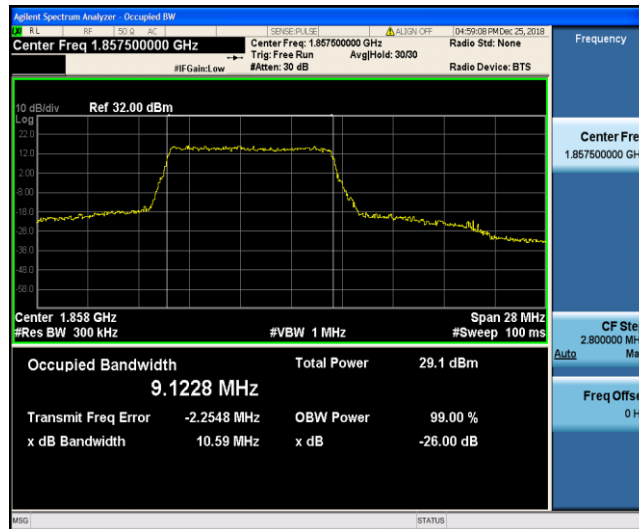
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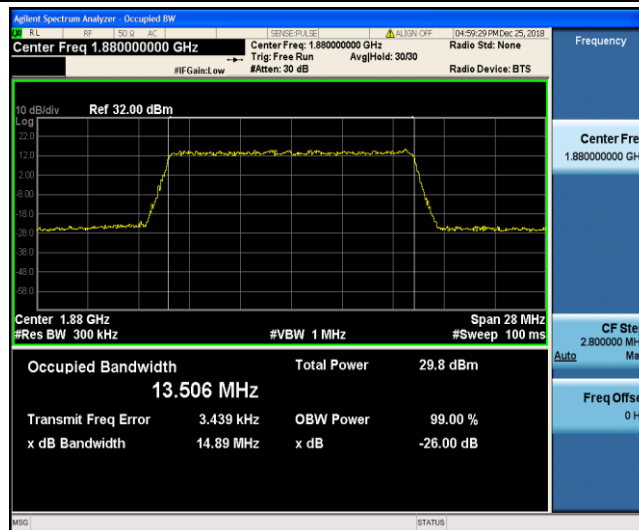
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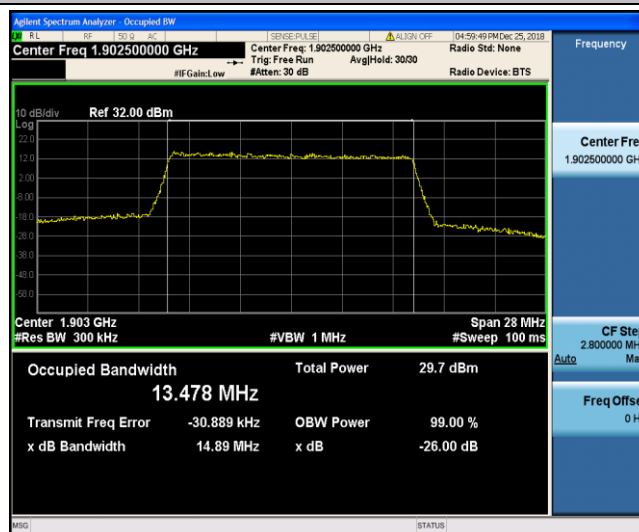
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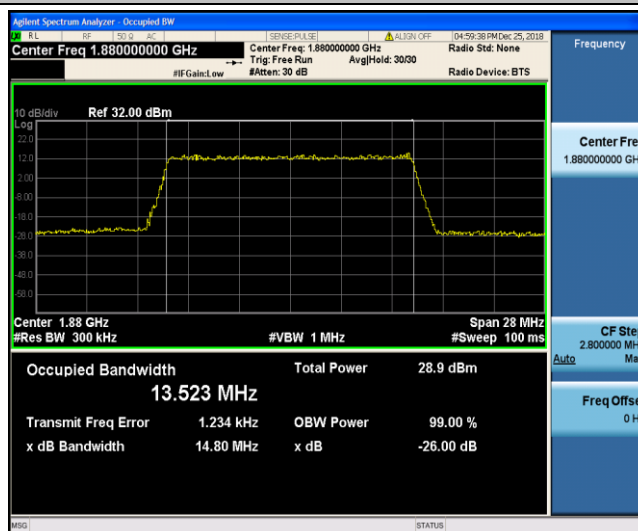
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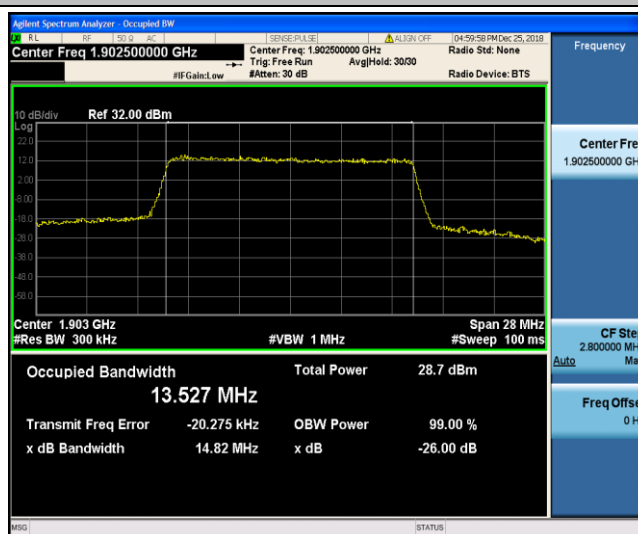
Band2_15MHz_QPSK_19125_75RB#0



Band2_15MHz_16QAM_18675_75RB#0



Band2_15MHz_16QAM_18900_75RB#0



Band2_15MHz_16QAM_19125_75RB#0