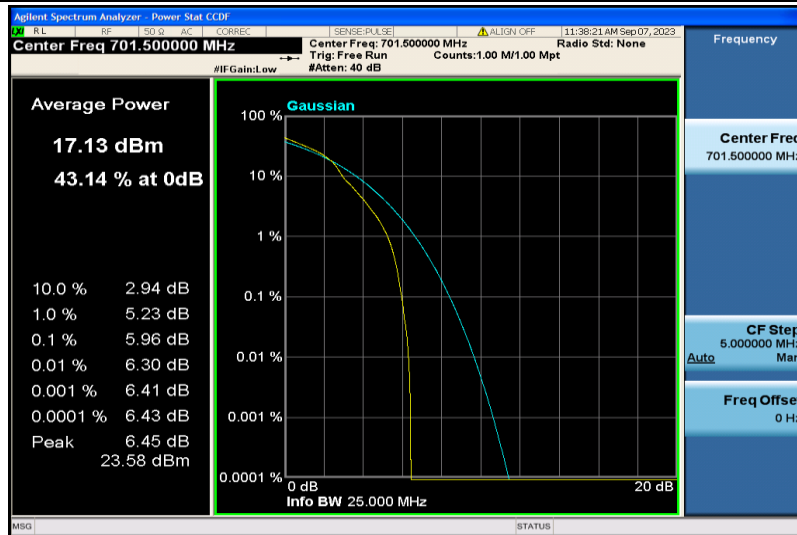
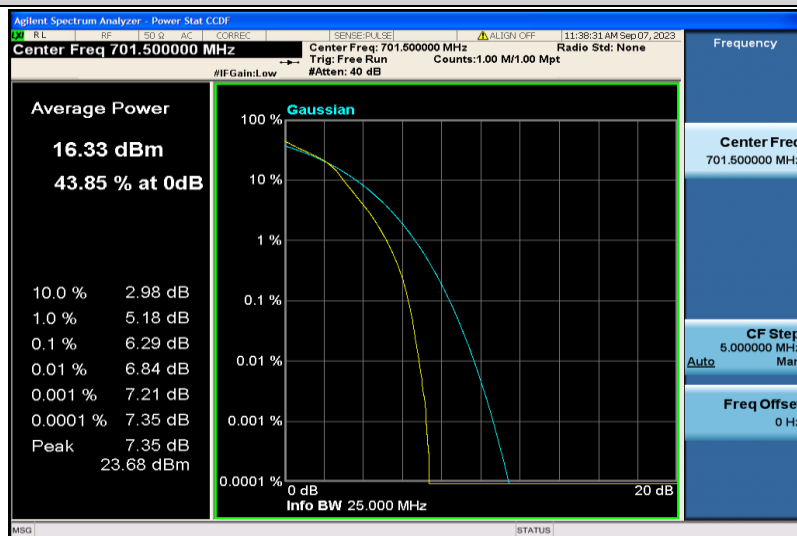
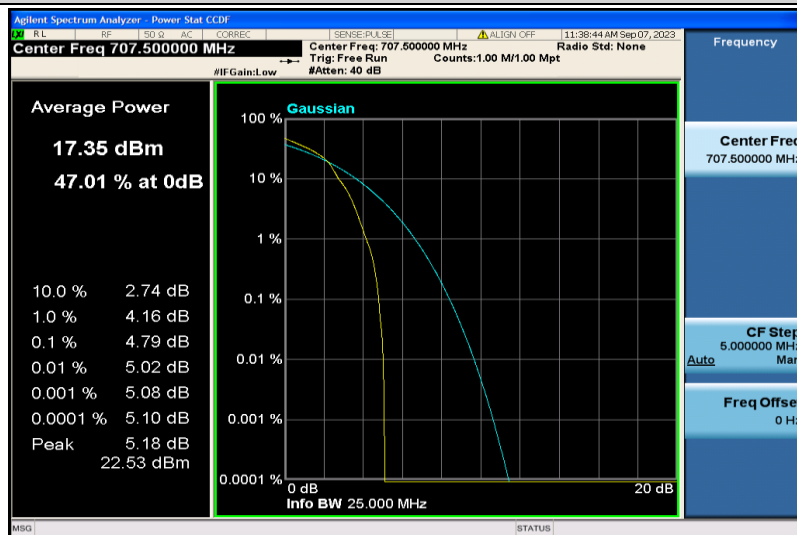




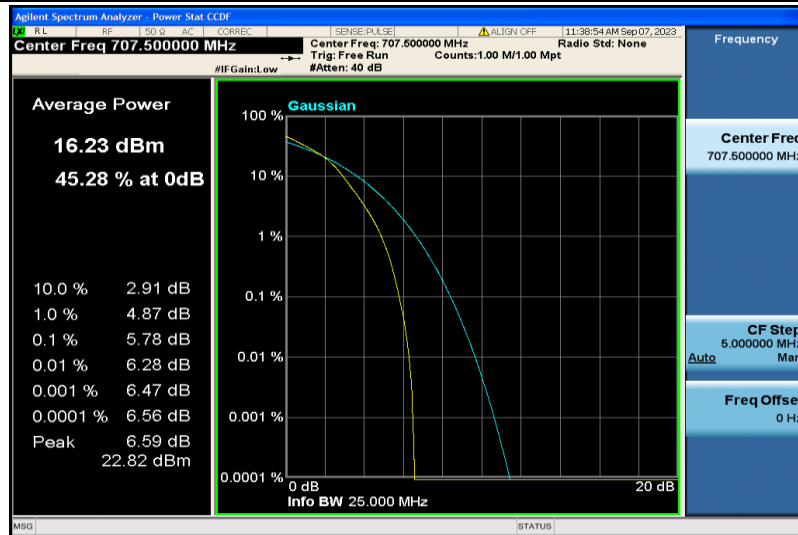
Band12-5MHz-16QAM-23035-1RB#0



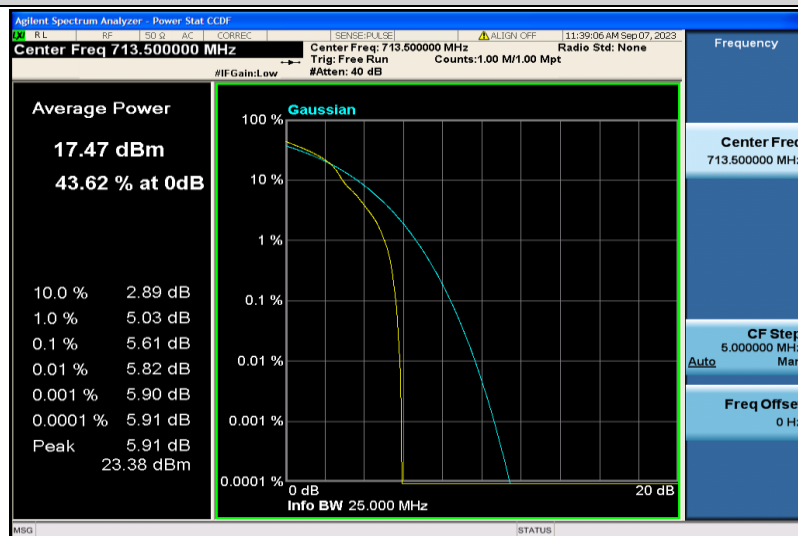
Band12-5MHz-16QAM-23035-25RB#0



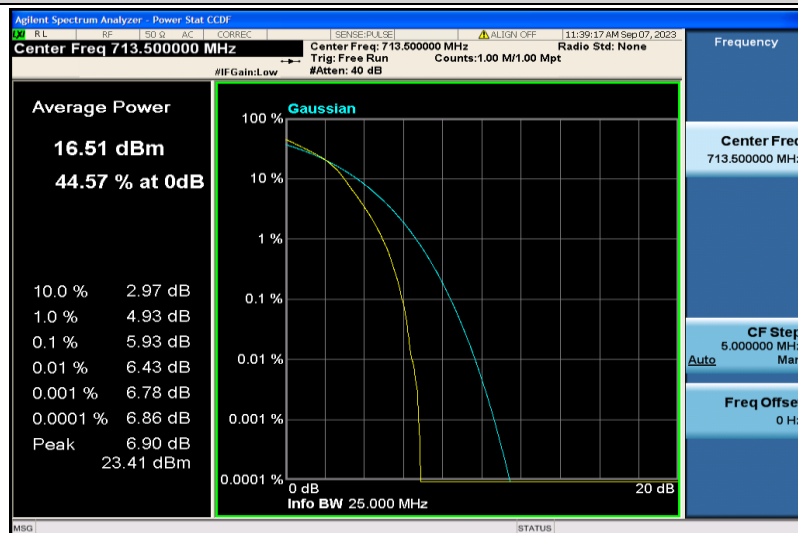
Band12-5MHz-16QAM-23095-1RB#0



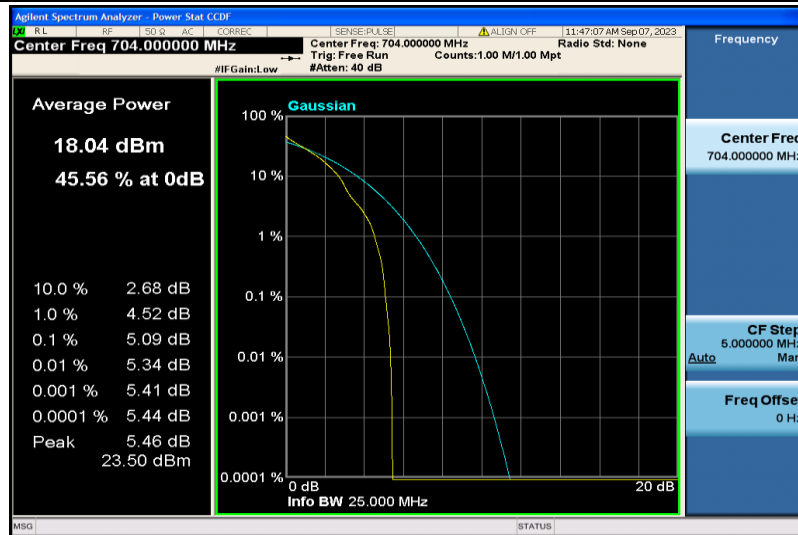
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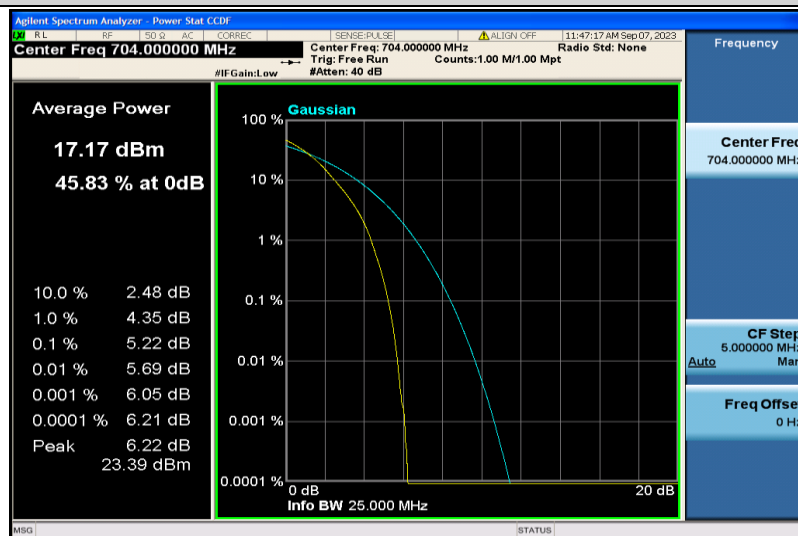
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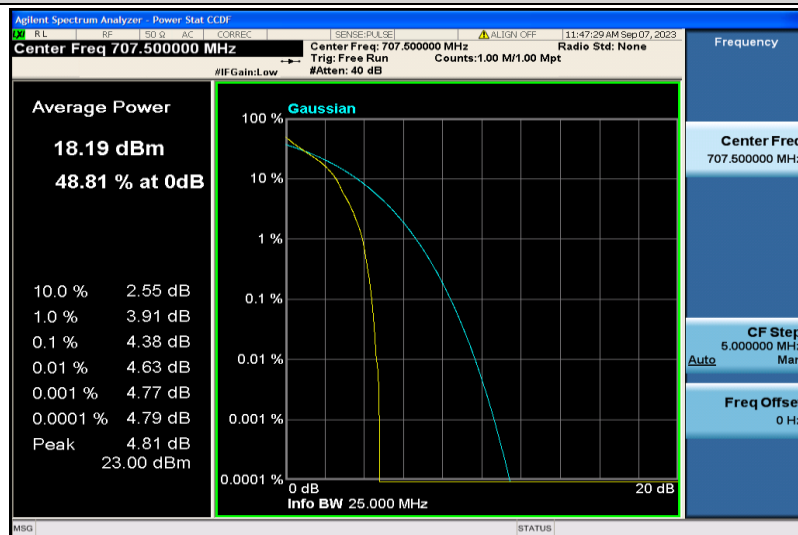
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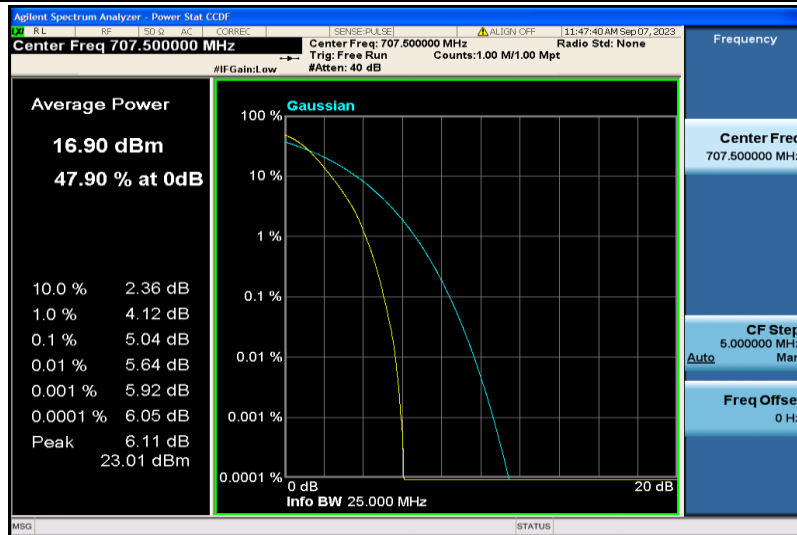
Band12-10MHz-QPSK-23060-1RB#0



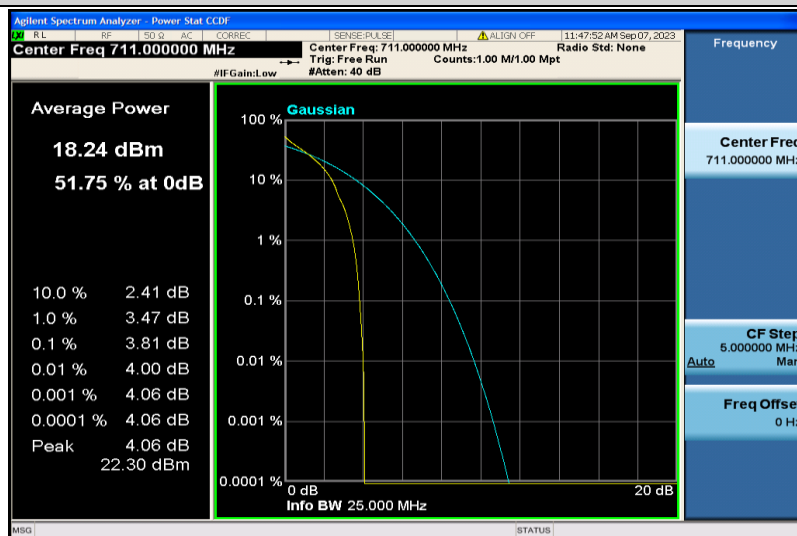
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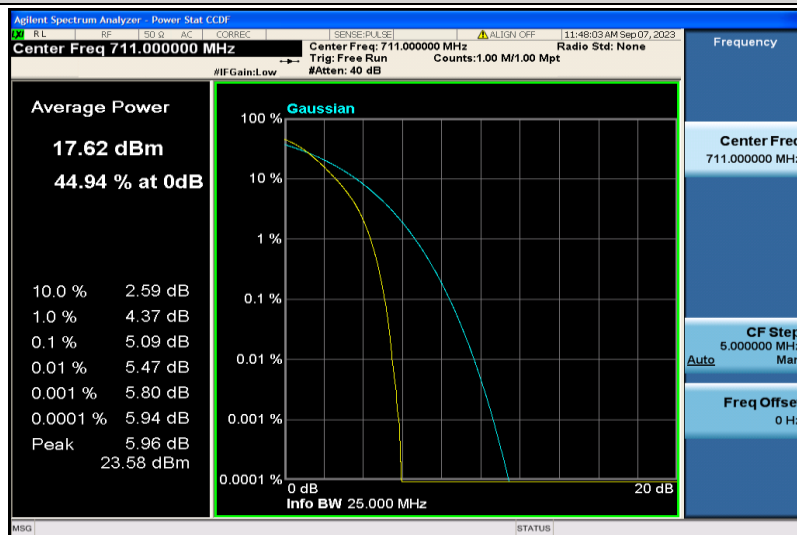
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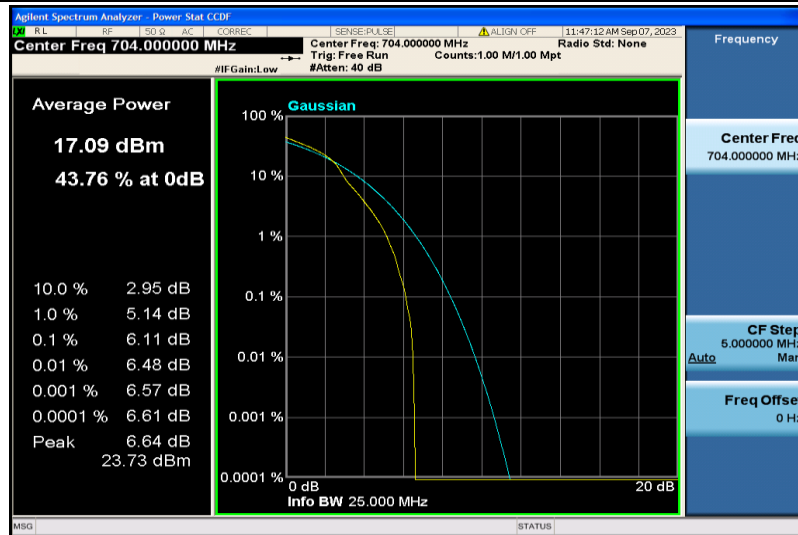
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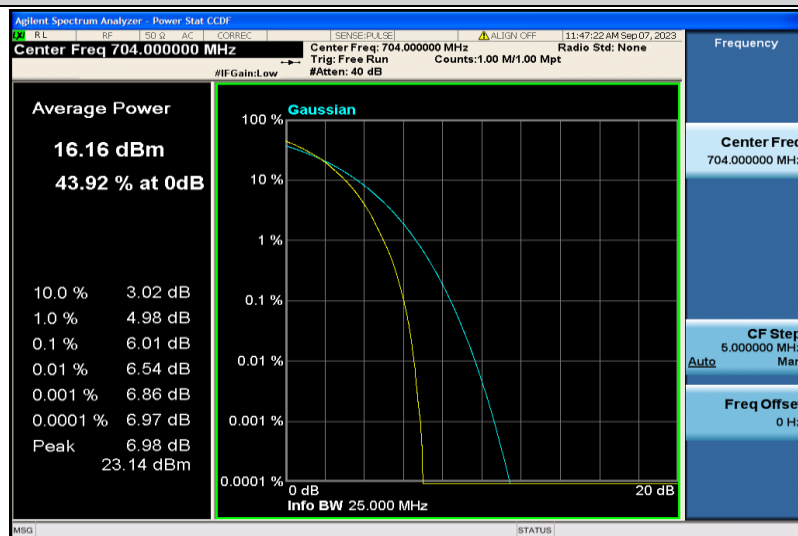
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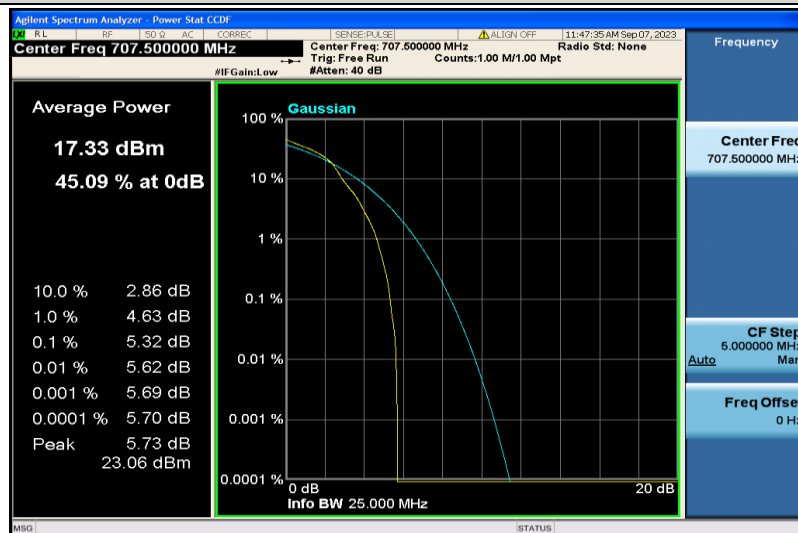
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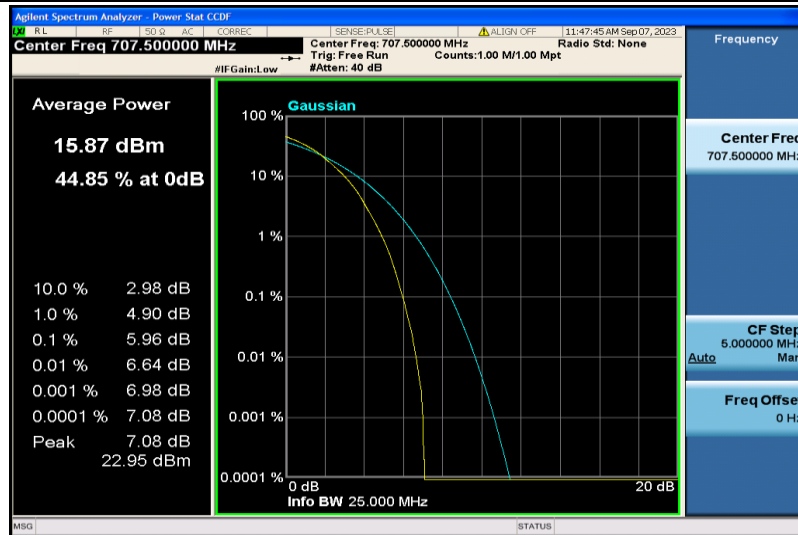
Band12-10MHz-16QAM-23060-1RB#0



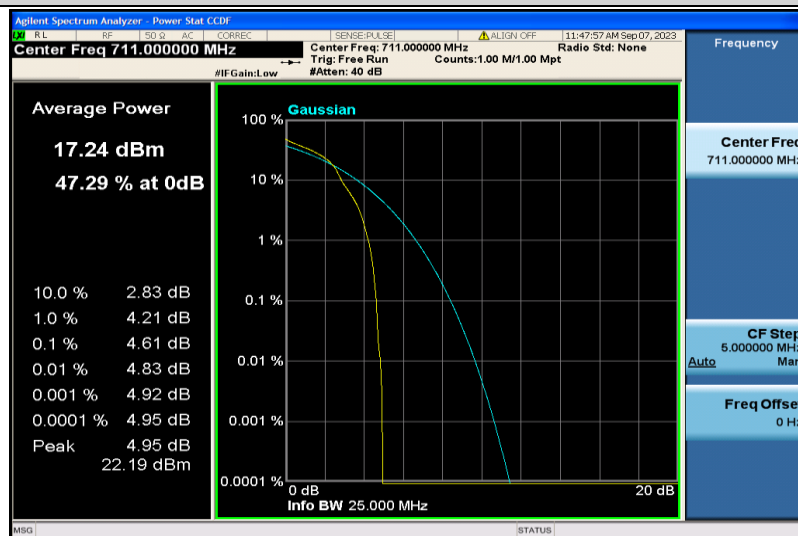
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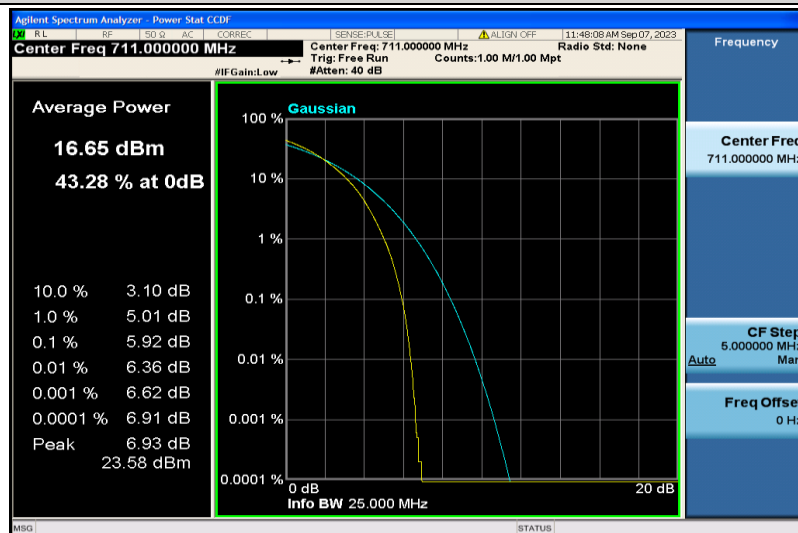
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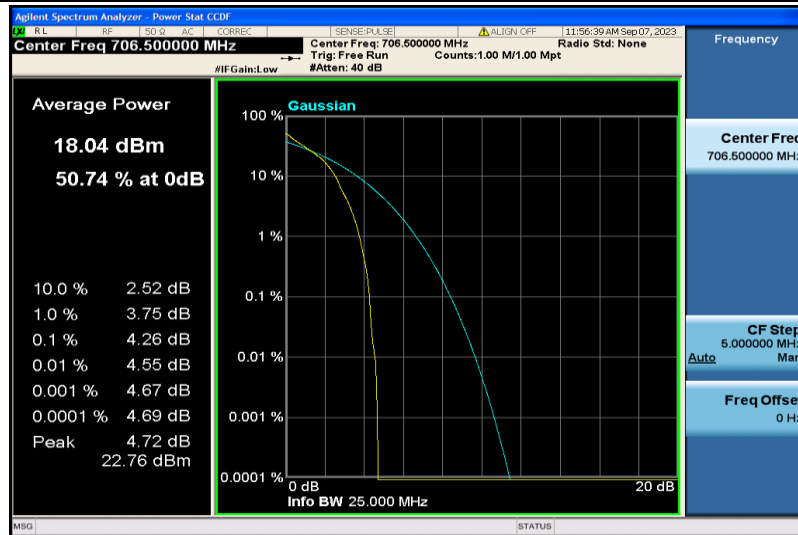
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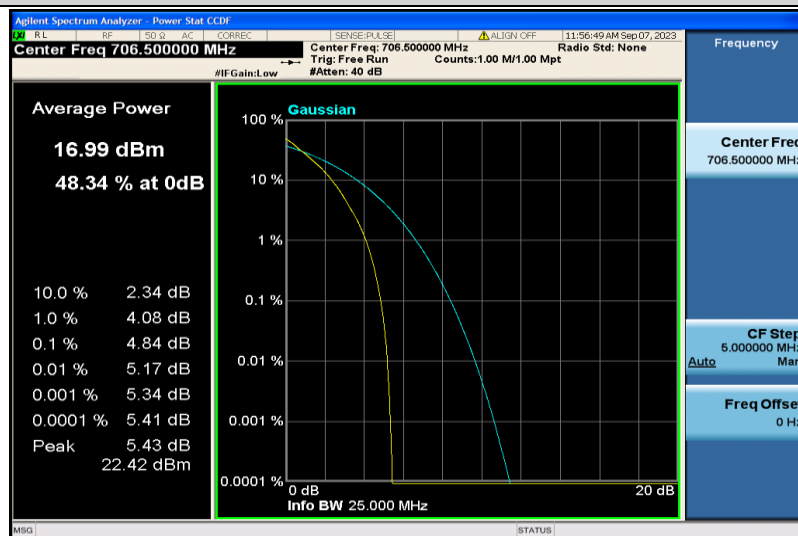
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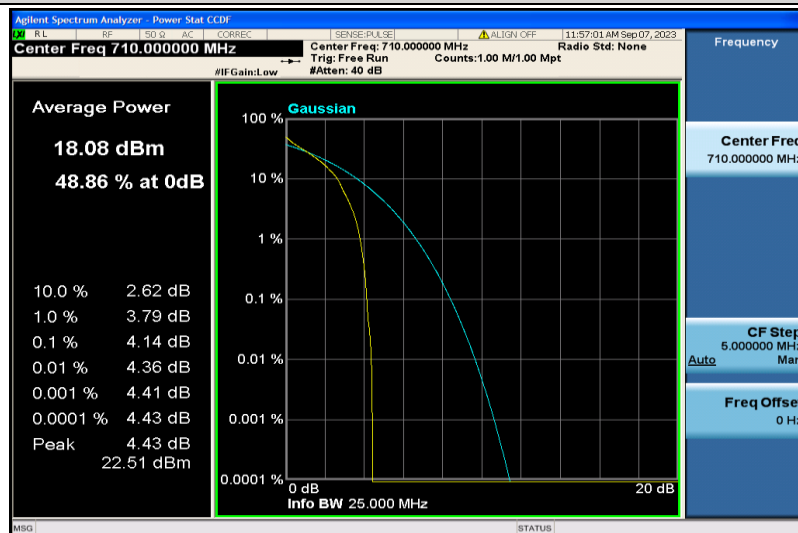
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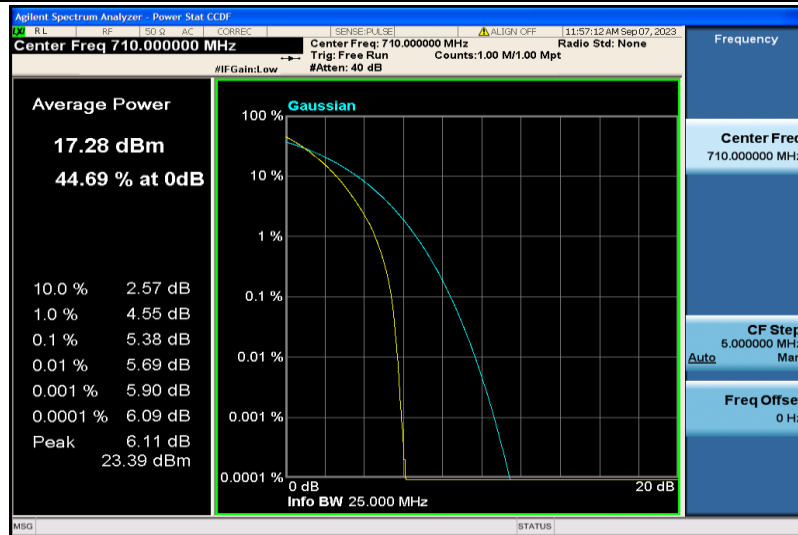
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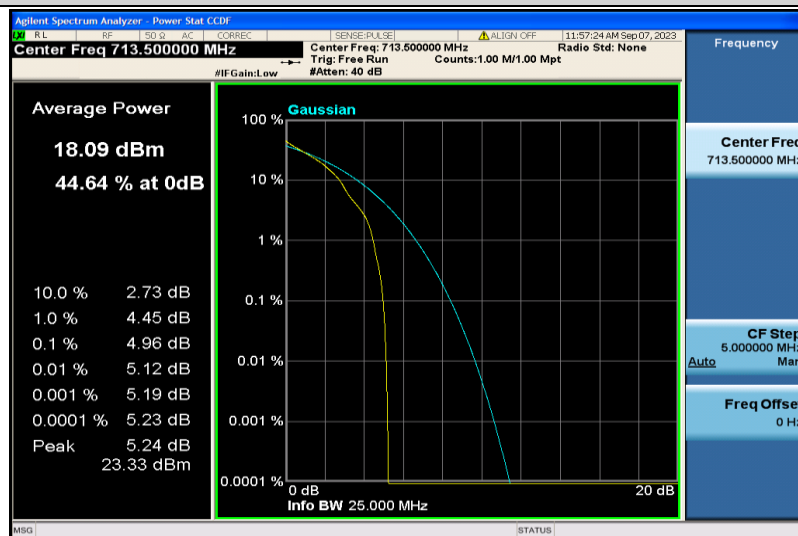
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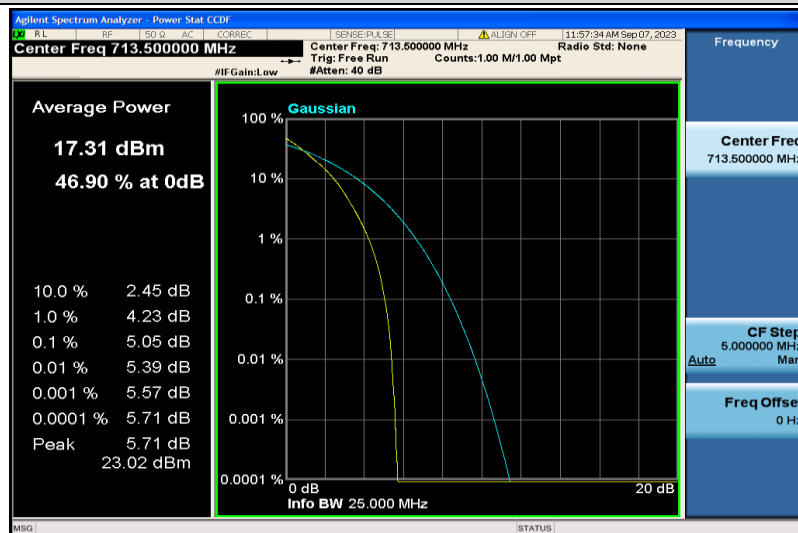
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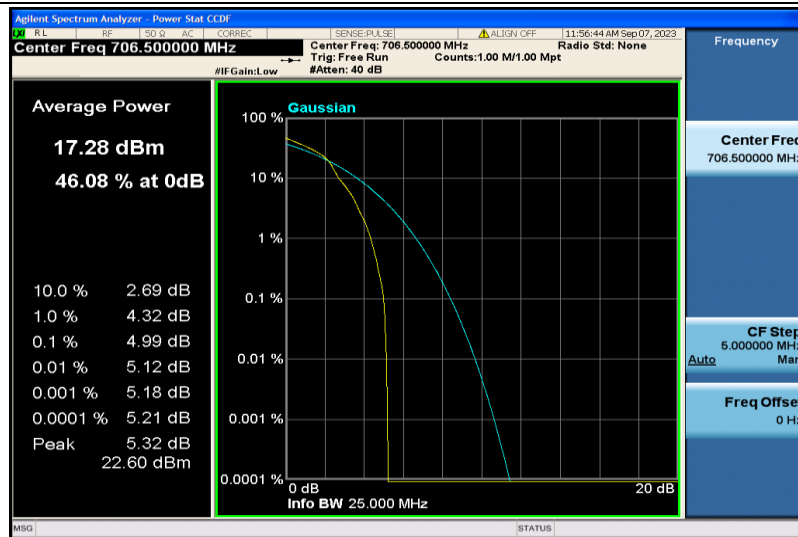
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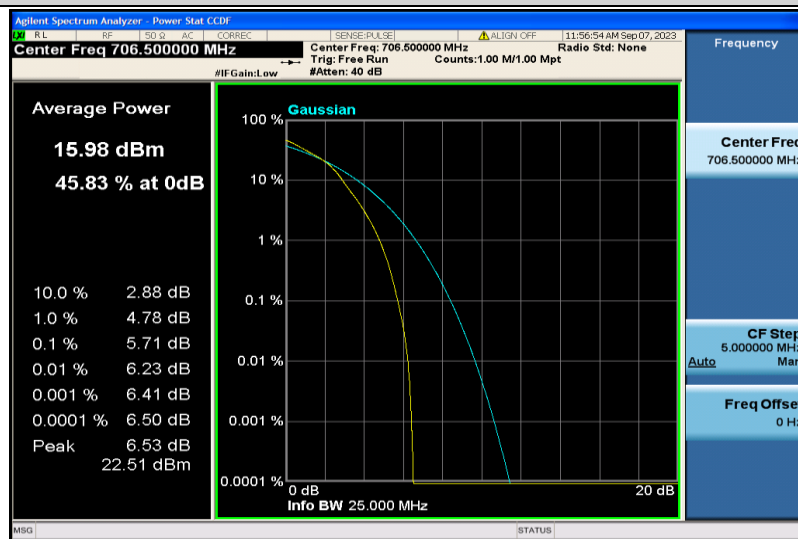
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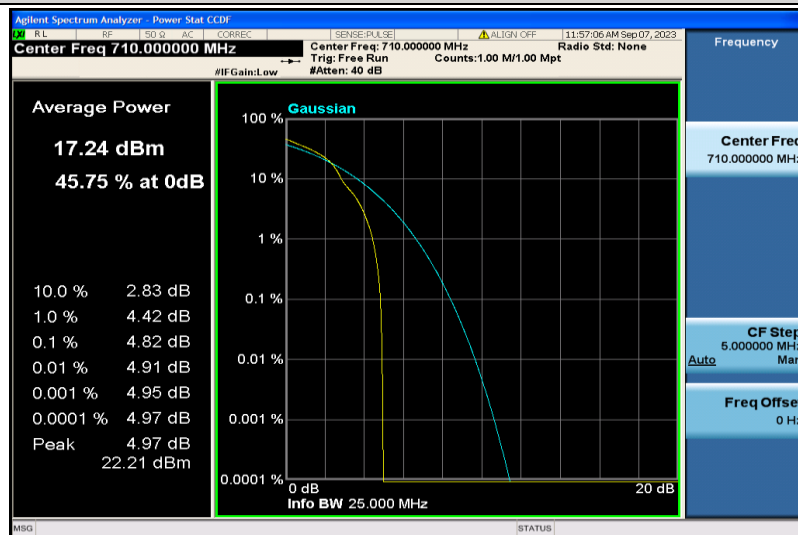
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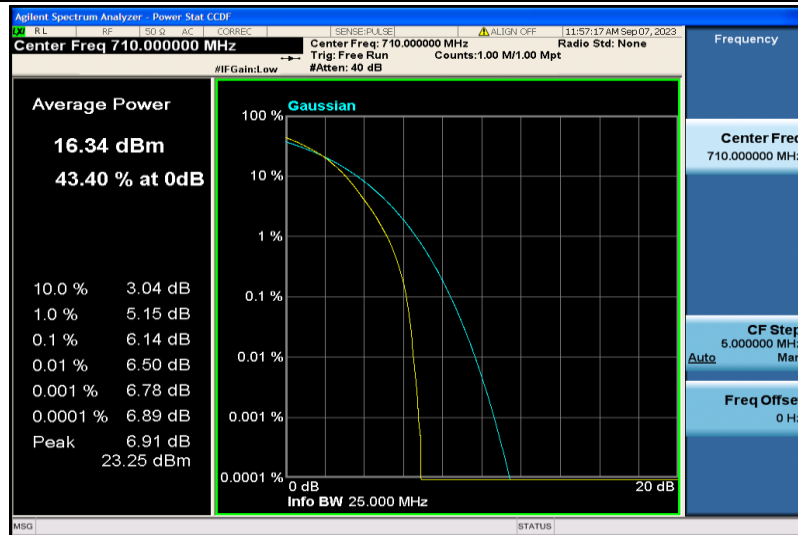
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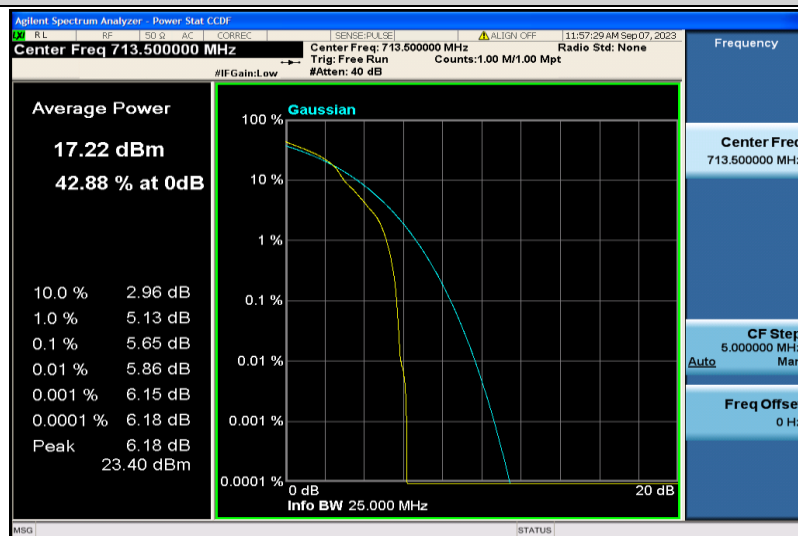
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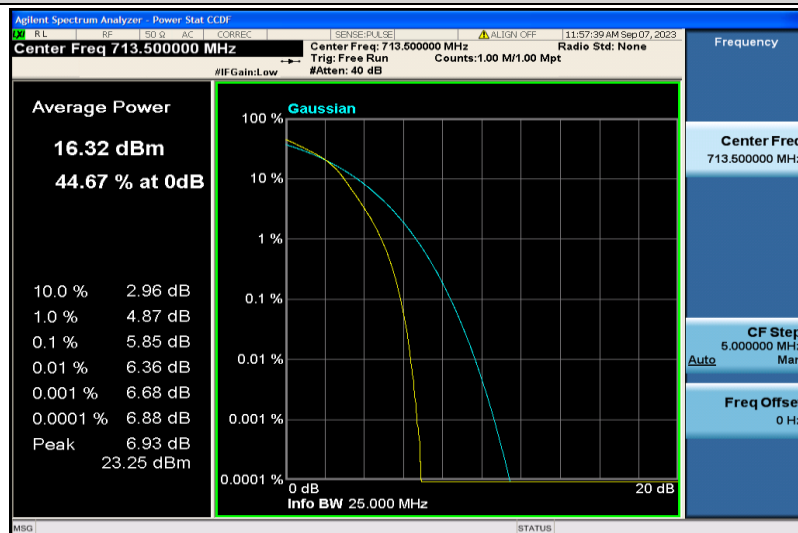
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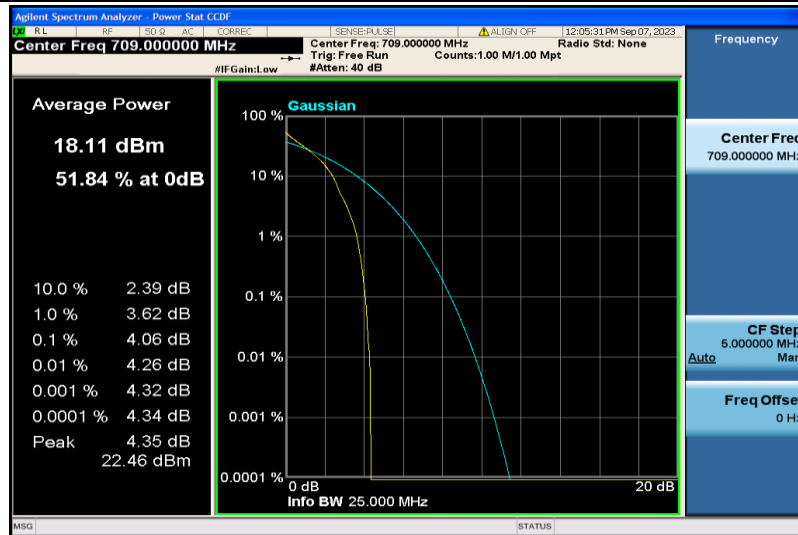
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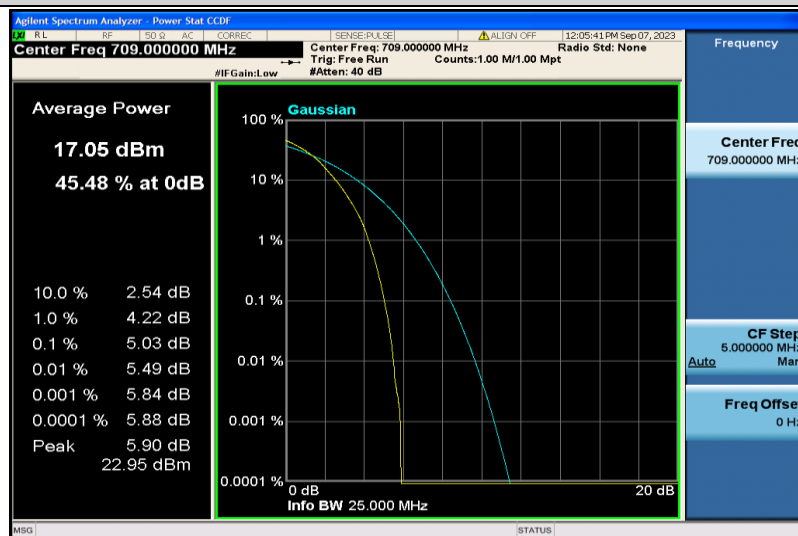
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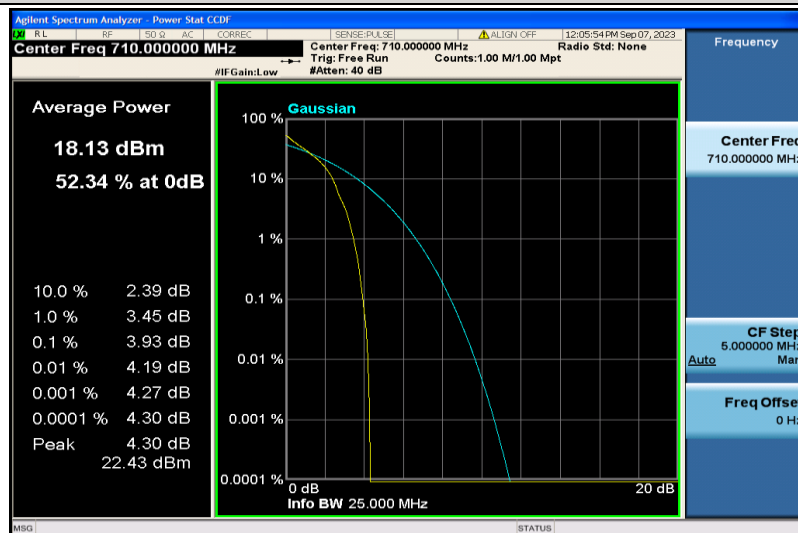
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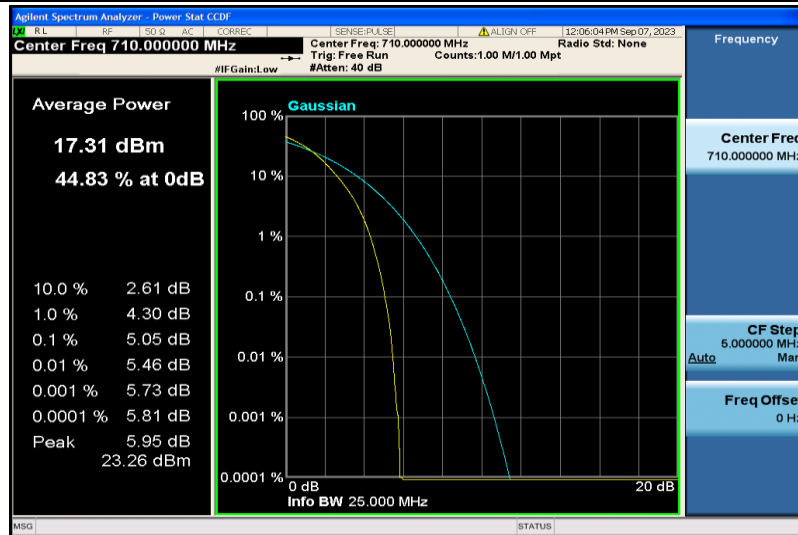
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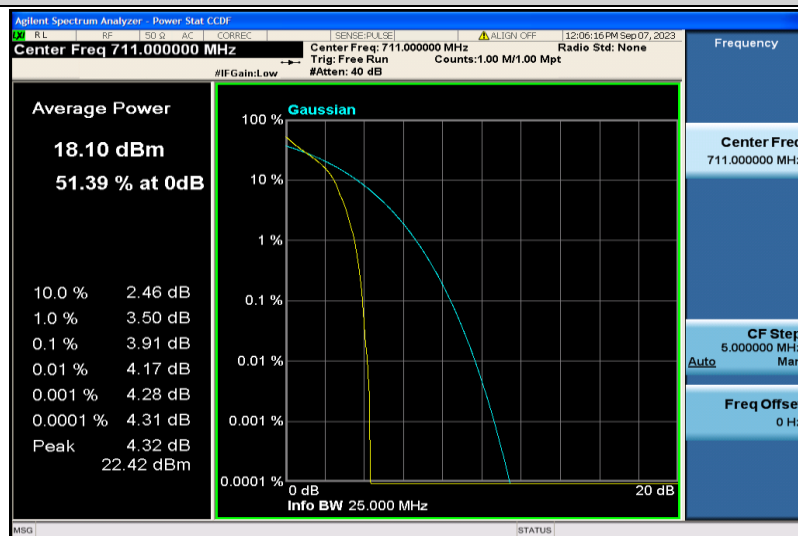
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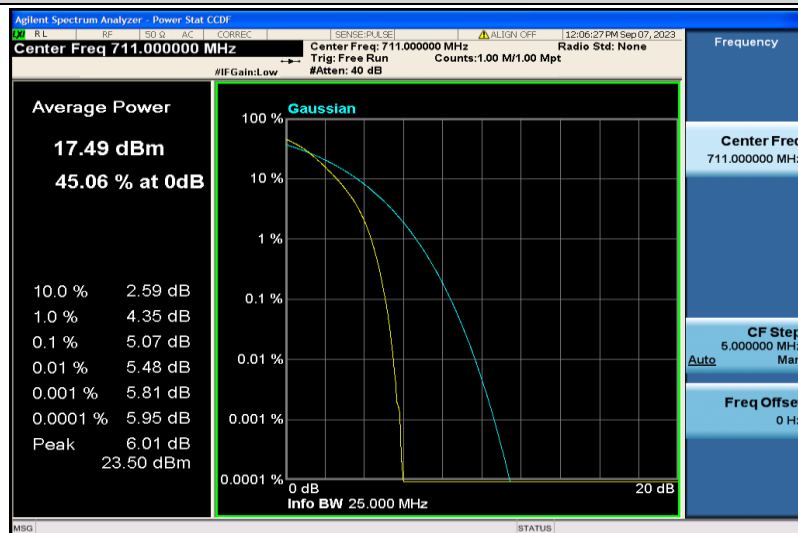
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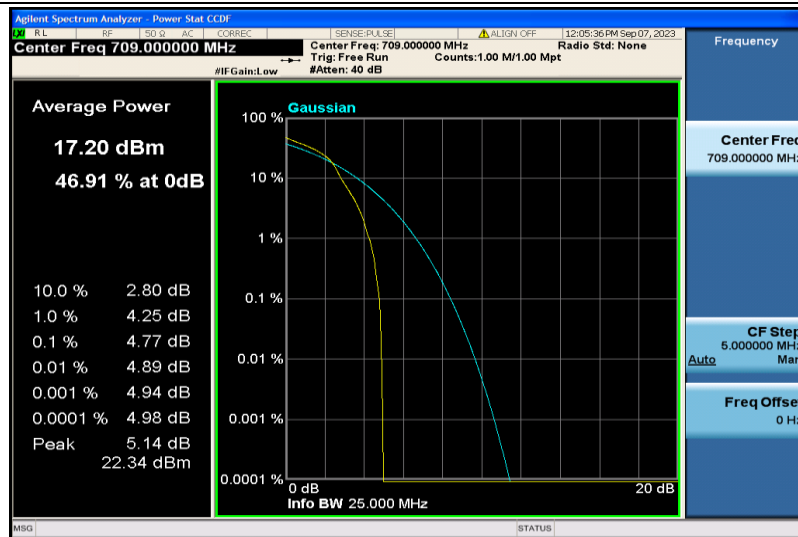
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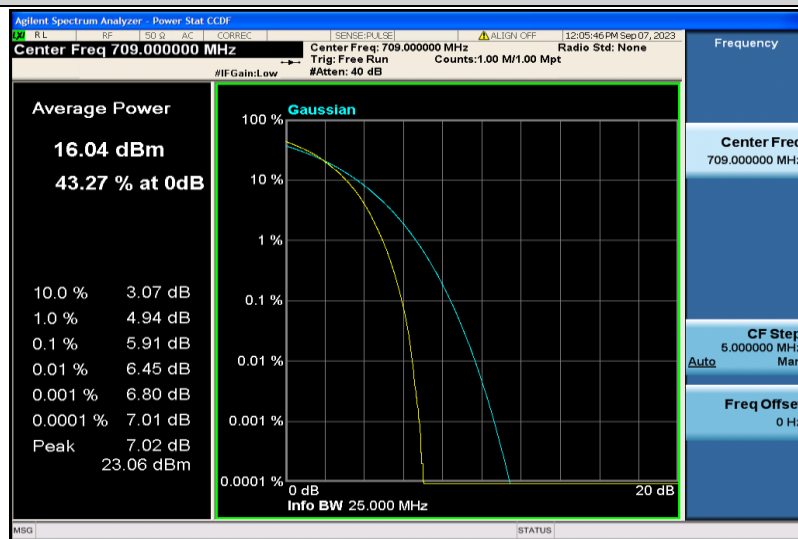
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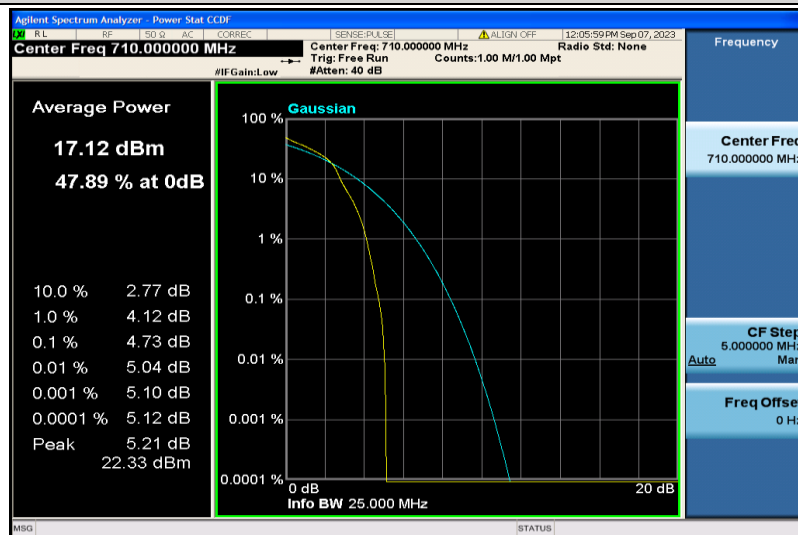
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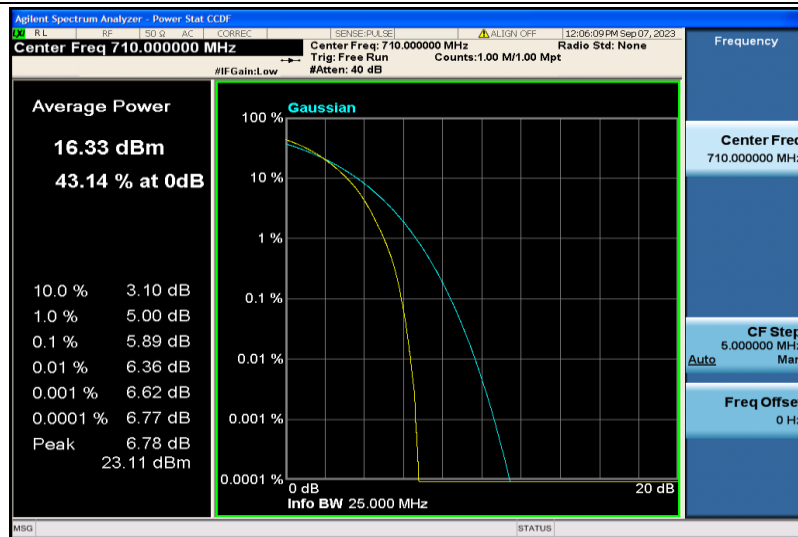
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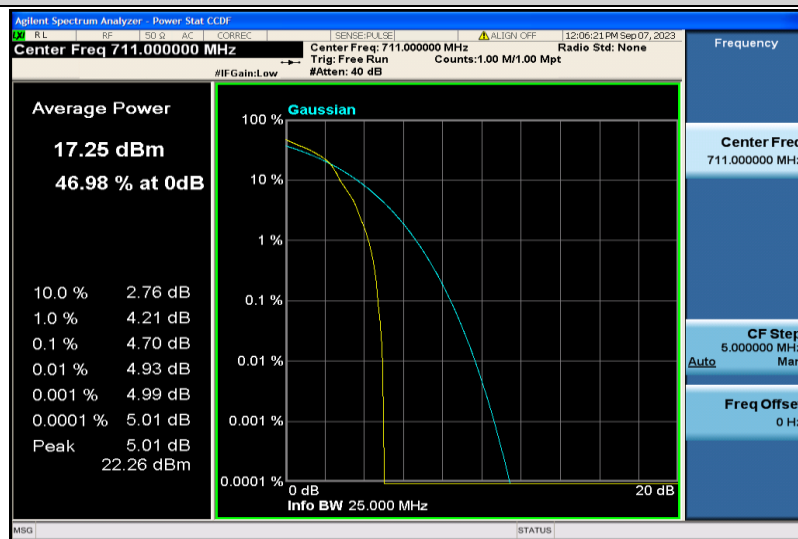
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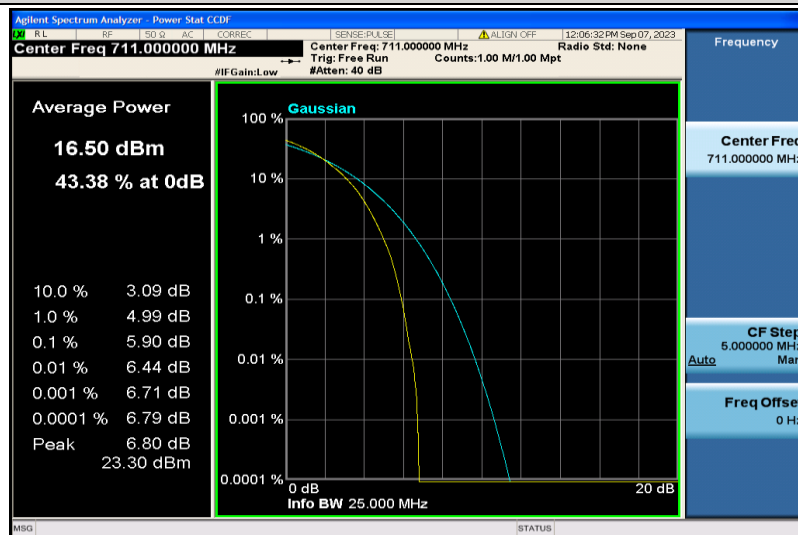
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Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

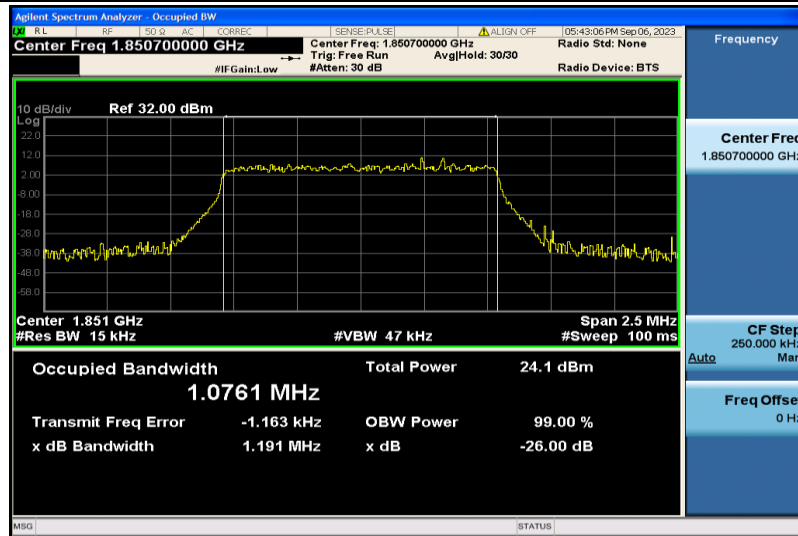
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0761	1.191	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0831	1.245	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0767	1.233	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0811	1.269	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0800	1.251	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0802	1.269	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6781	2.860	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6766	2.852	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6807	2.858	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6736	2.855	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6764	2.858	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6743	2.866	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4674	4.832	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4780	4.818	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4796	4.848	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4694	4.844	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4810	4.819	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4718	4.800	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9434	9.588	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9469	9.541	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9689	9.608	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9485	9.538	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9509	9.533	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9591	9.566	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.398	14.32	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.415	14.28	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.443	14.36	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.413	14.38	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.452	14.31	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.416	14.28	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.804	19.12	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.903	19.02	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.815	18.83	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.815	18.96	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.942	19.02	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.856	18.92	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0769	1.239	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0802	1.264	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0828	1.240	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0808	1.246	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0832	1.277	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0788	1.261	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6780	2.867	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6782	2.855	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6795	2.862	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6730	2.870	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6749	2.849	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6744	2.852	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4626	4.836	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4837	4.885	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4663	4.824	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4720	4.841	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4738	4.858	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4729	4.841	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9381	9.499	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9683	9.638	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9582	9.561	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9432	9.676	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9577	9.576	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9485	9.573	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.357	14.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.437	14.36	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.430	14.42	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.376	14.28	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.437	14.27	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.422	14.20	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.800	19.06	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.869	18.93	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.901	19.25	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.791	18.94	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.914	18.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.886	19.14	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0840	1.239	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0809	1.247	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0772	1.235	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0795	1.252	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0771	1.237	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0788	1.236	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6751	2.868	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6783	2.860	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6755	2.842	PASS

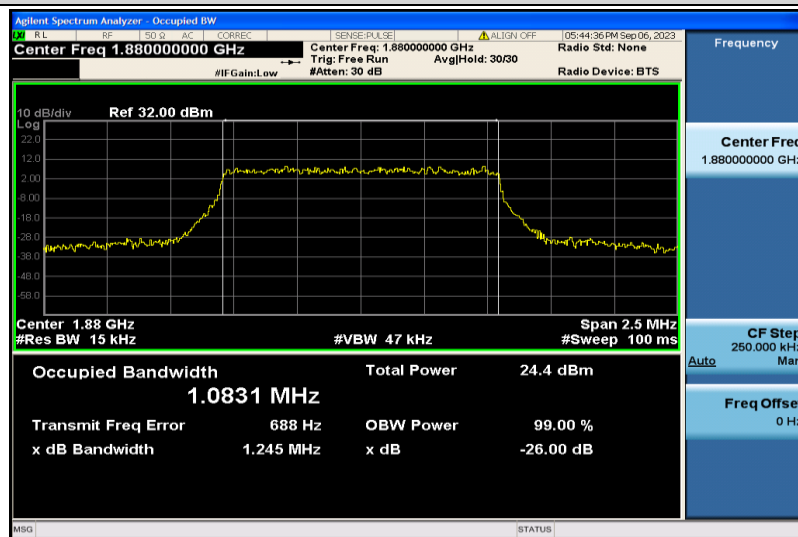
Band5	3MHz	16QAM	20415	15RB#0	2.6728	2.857	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6746	2.852	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6708	2.854	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4674	4.823	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4809	4.824	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4683	4.827	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4693	4.835	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4763	4.832	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4609	4.754	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9294	9.513	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9488	9.573	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9422	9.591	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9378	9.600	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9462	9.578	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9383	9.550	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4722	5.104	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4717	4.840	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4752	4.841	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4740	5.016	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4789	4.832	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4676	4.792	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9544	9.935	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9426	9.551	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9505	9.653	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9535	9.895	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9482	9.566	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9352	9.494	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.410	14.36	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.416	14.32	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.399	14.40	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.424	14.40	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.393	14.32	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.394	14.32	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.884	19.15	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.875	19.07	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.867	18.97	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.849	19.03	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.886	19.16	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.881	19.05	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0774	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0826	1.237	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0783	1.262	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0813	1.264	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0752	1.233	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0815	1.268	PASS

Band12	3MHz	QPSK	23025	15RB#0	2.6765	2.872	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6753	2.853	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6743	2.849	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6784	2.864	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6767	2.852	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6718	2.877	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4850	5.078	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4681	4.963	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4996	5.089	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4990	5.108	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4714	5.002	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4992	5.040	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9461	9.772	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.8836	9.669	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9807	9.829	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9482	9.659	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.8856	9.570	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9844	9.814	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4752	4.958	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4899	5.009	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4874	5.084	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4727	4.986	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4786	4.920	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5040	5.095	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9065	9.586	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9749	9.804	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9888	9.893	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9050	9.601	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9423	9.791	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9938	9.886	PASS

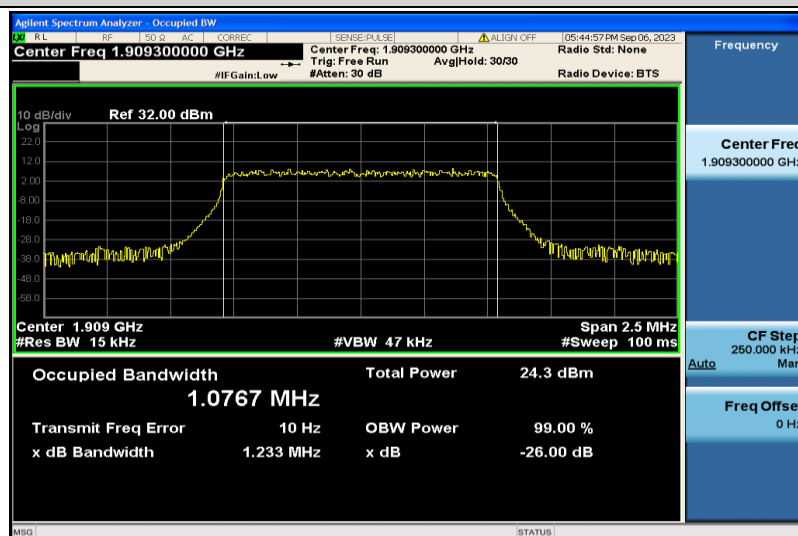
Test Graphs



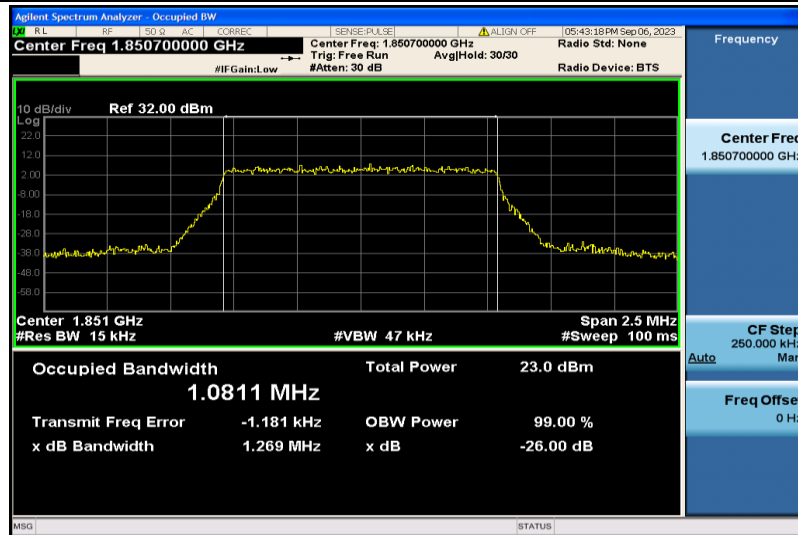
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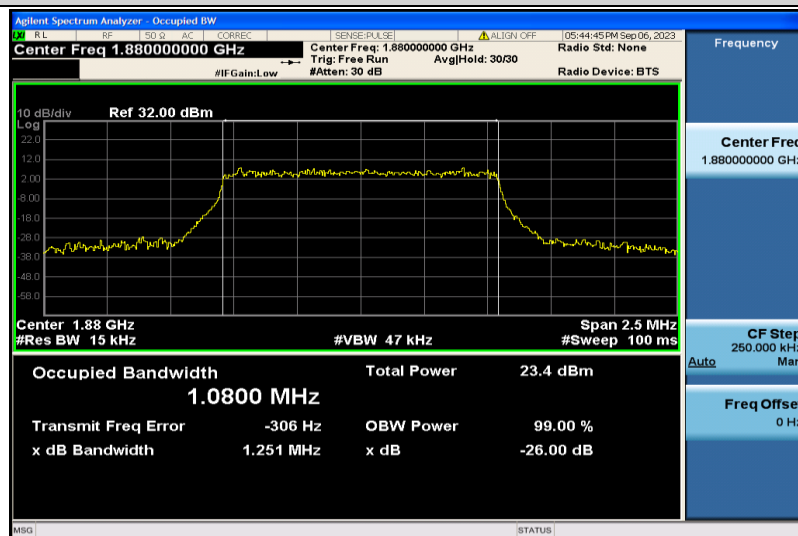
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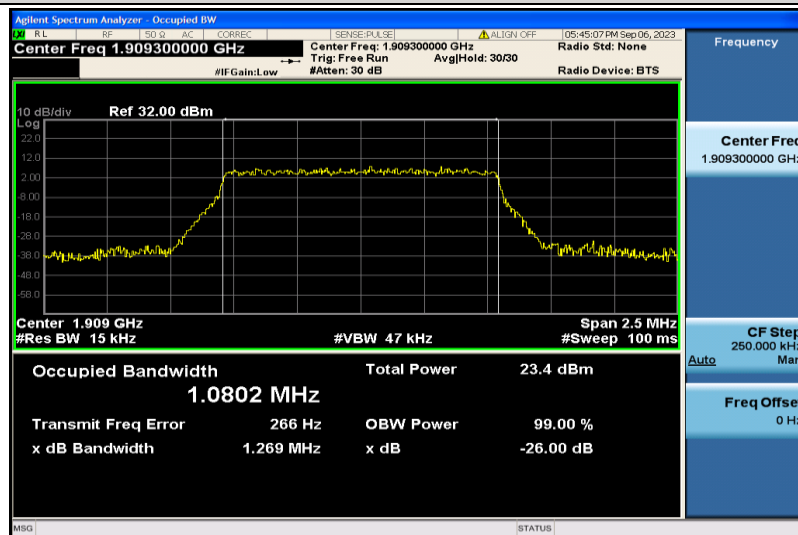
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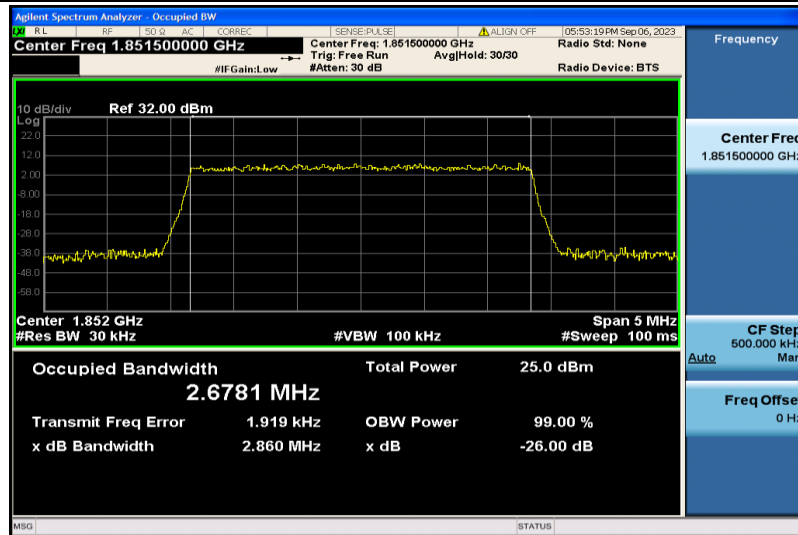
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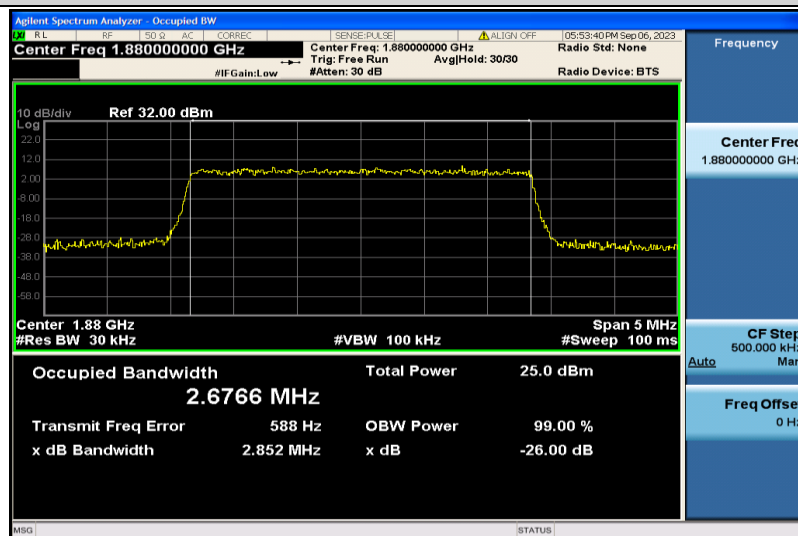
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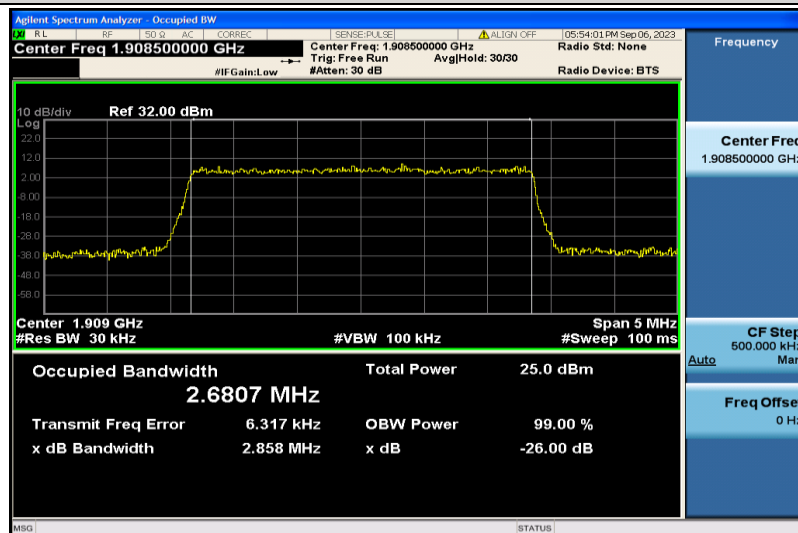
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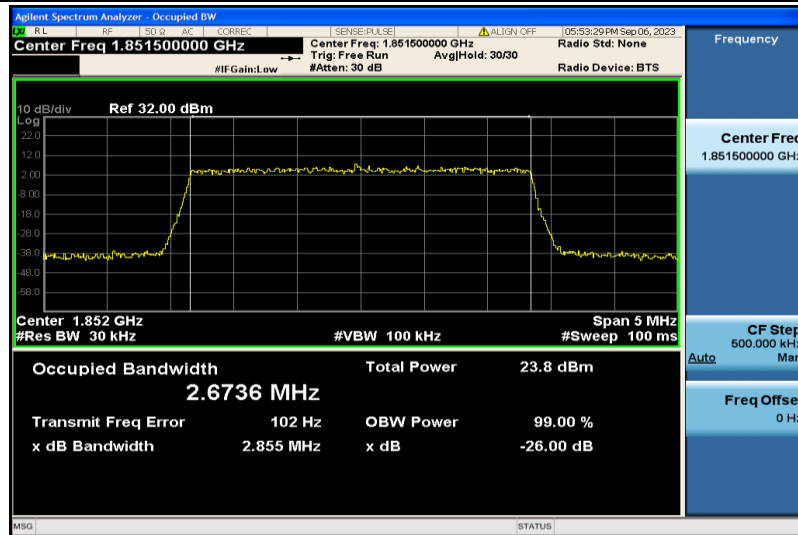
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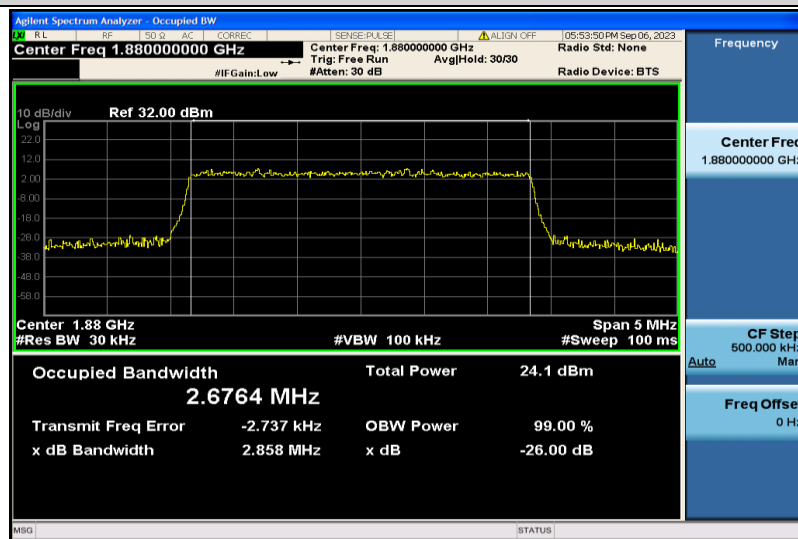
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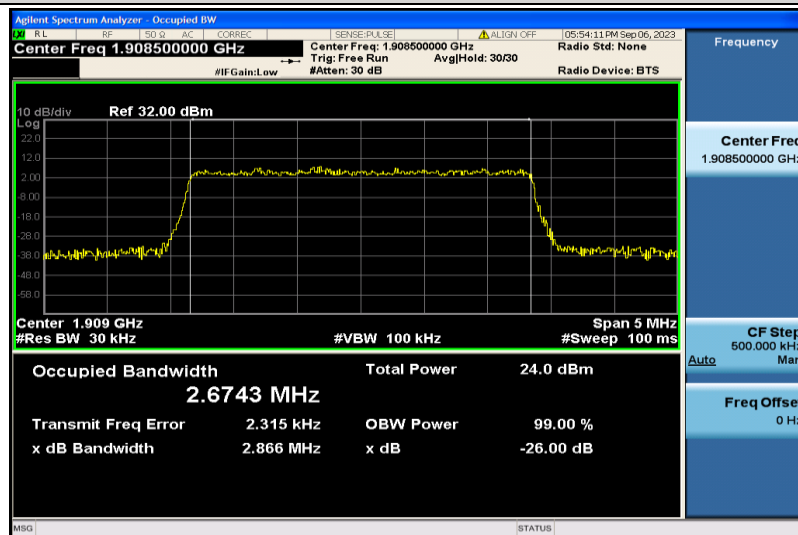
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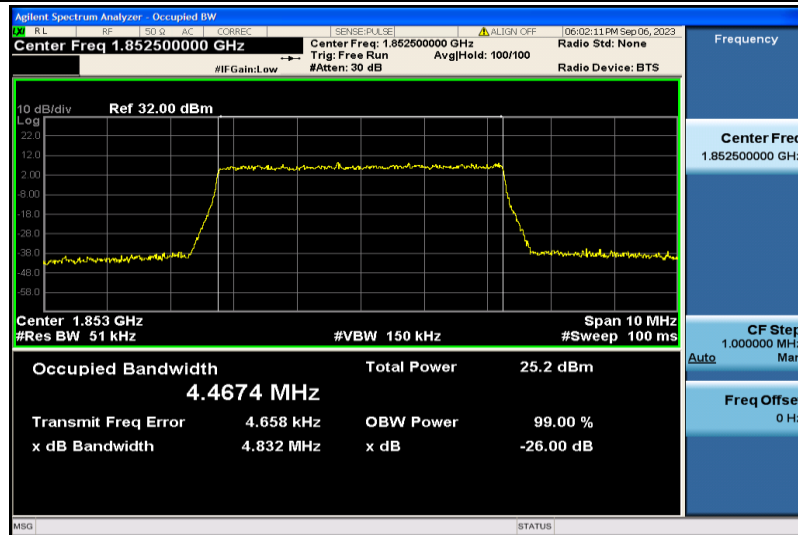
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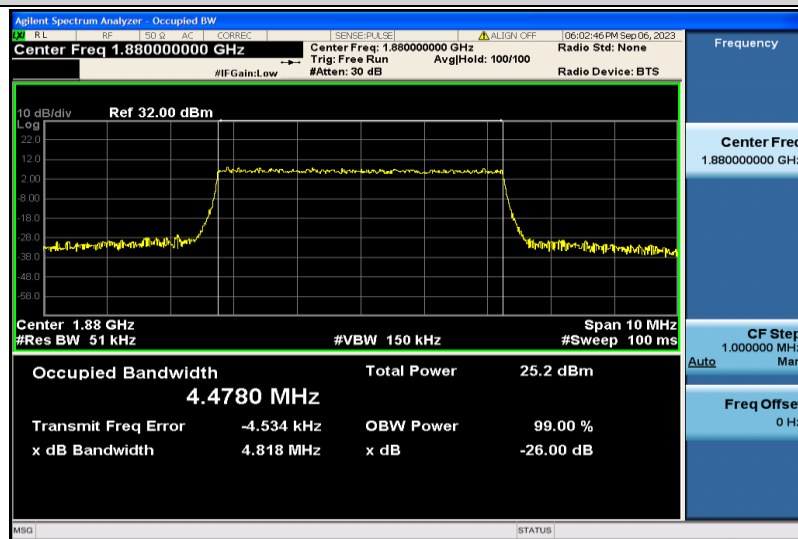
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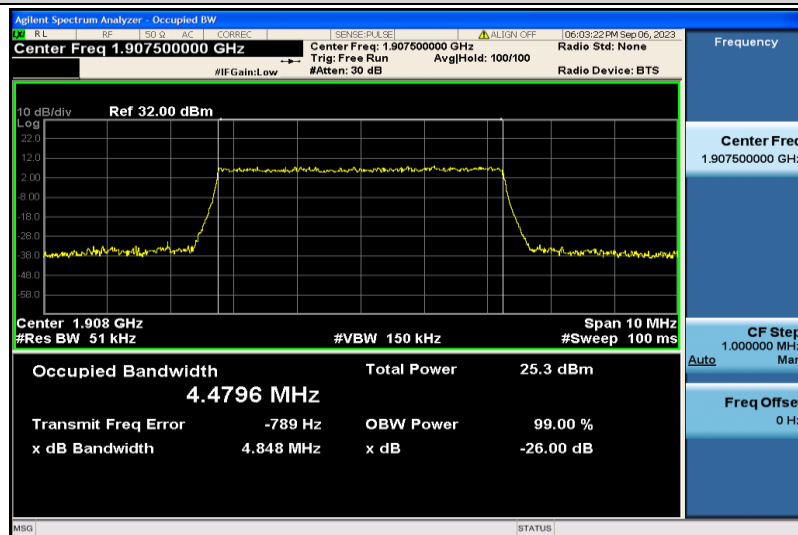
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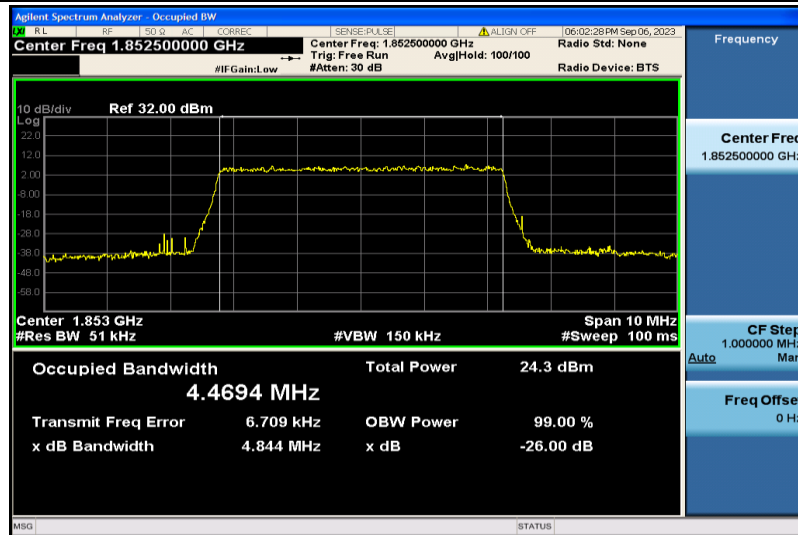
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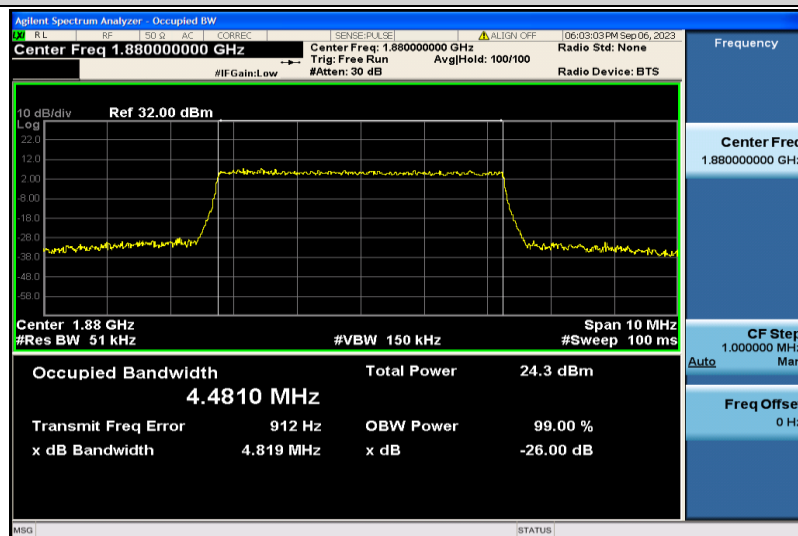
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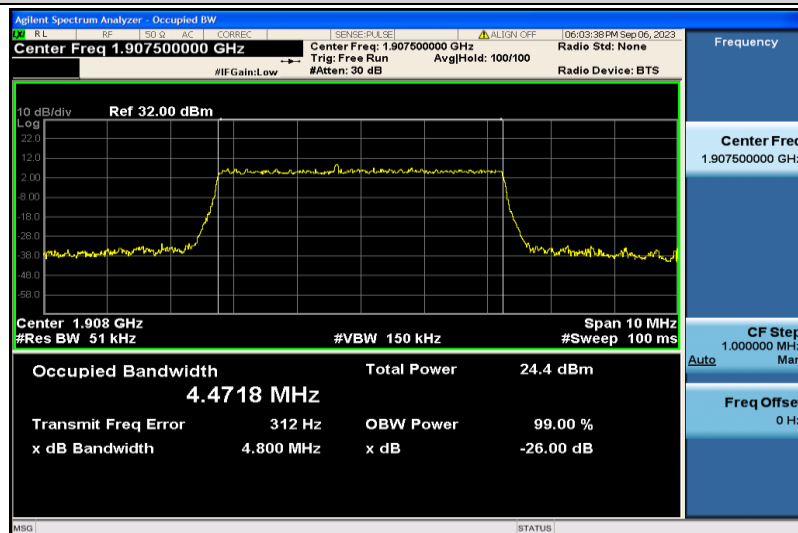
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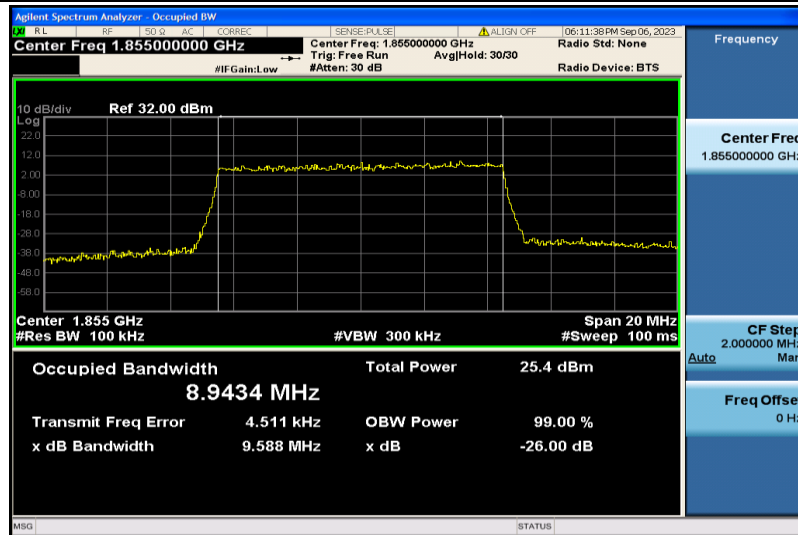
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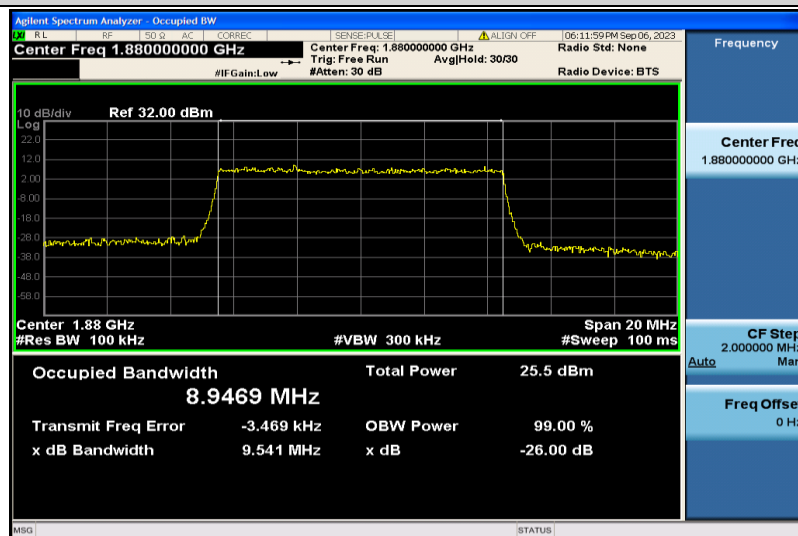
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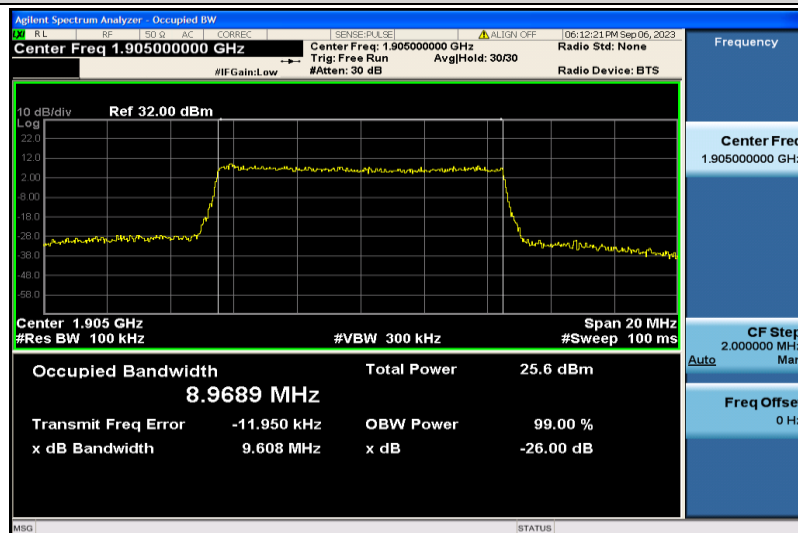
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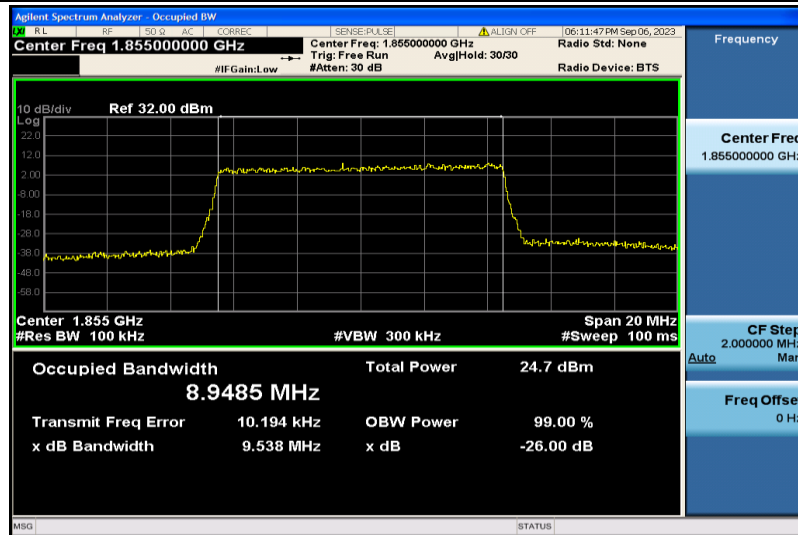
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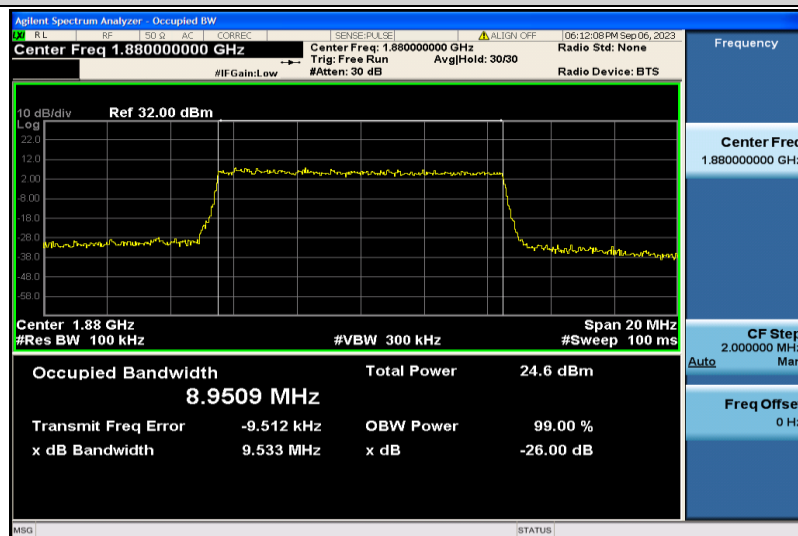
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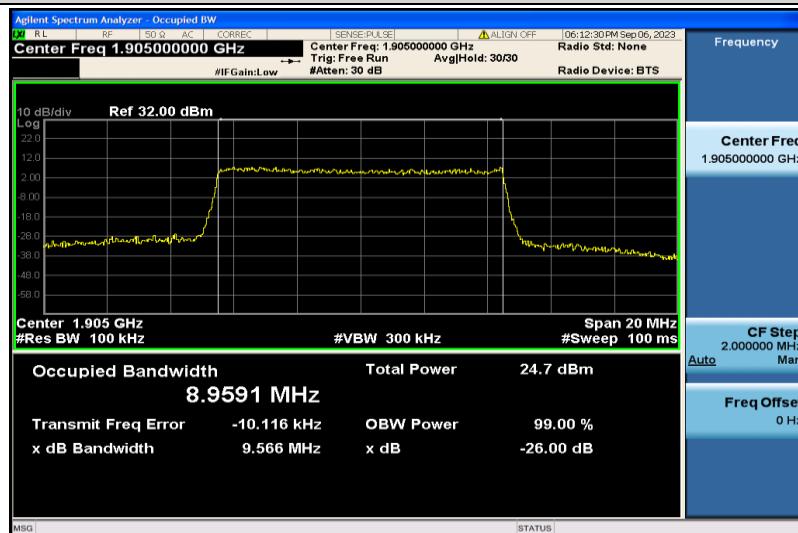
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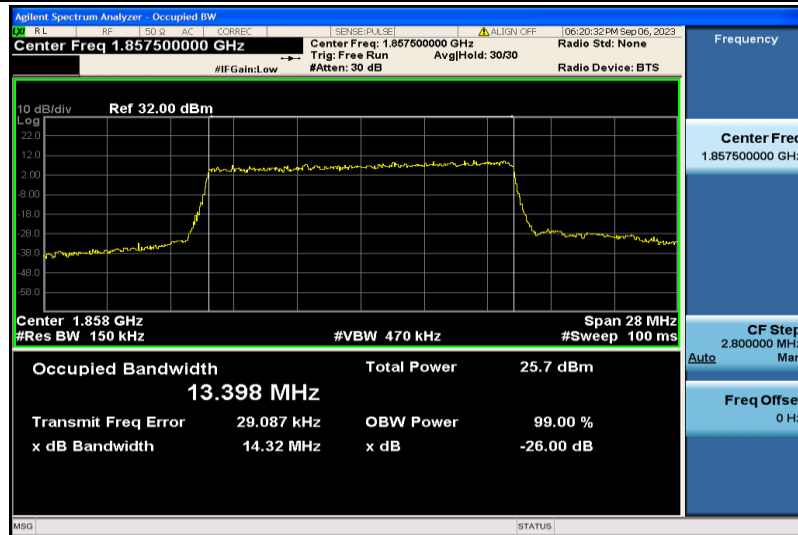
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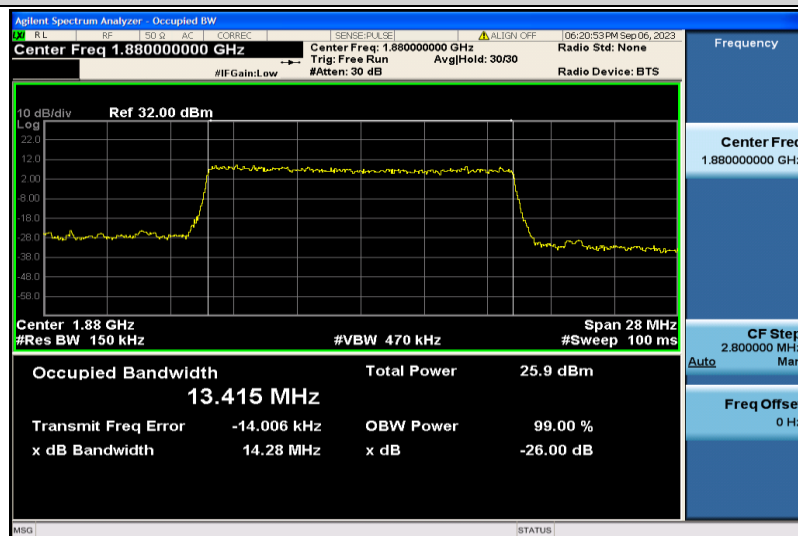
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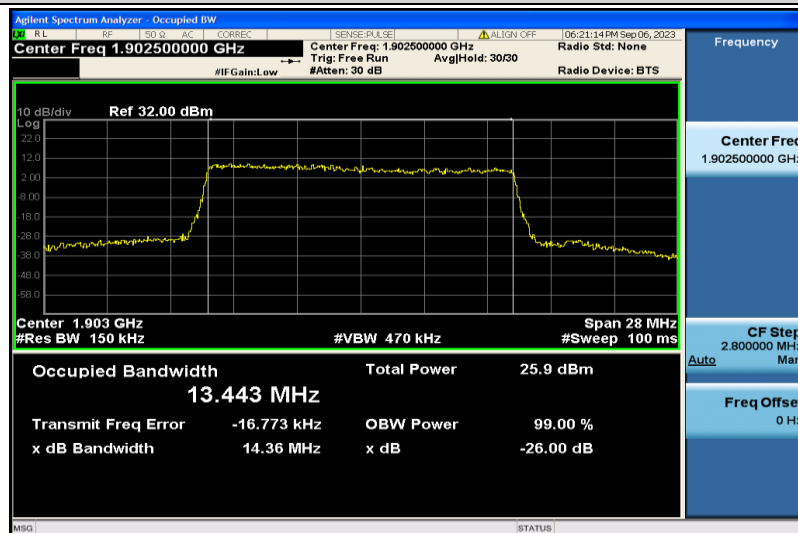
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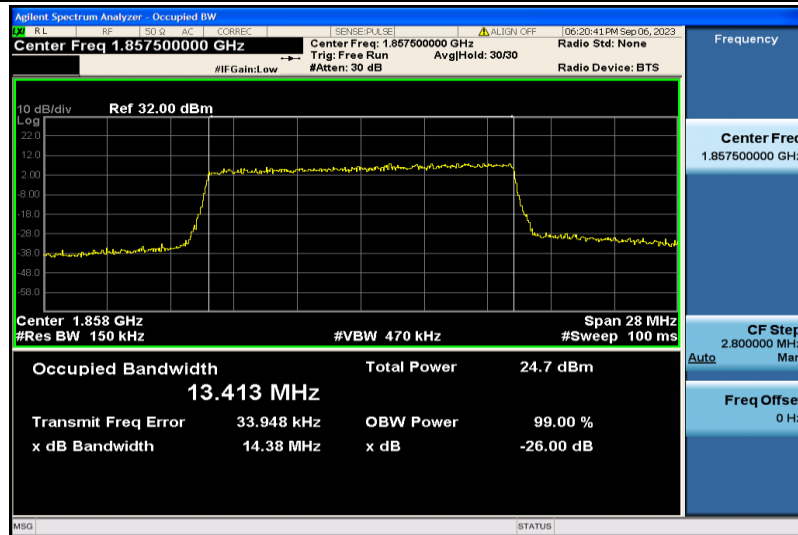
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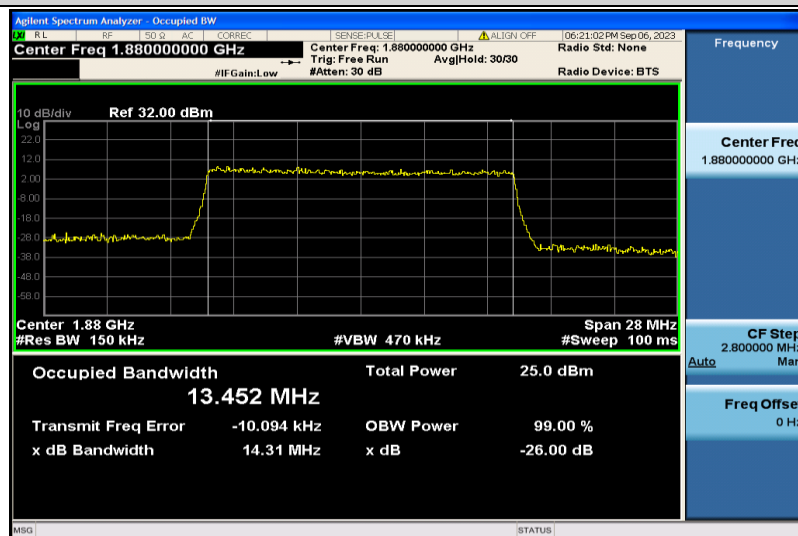
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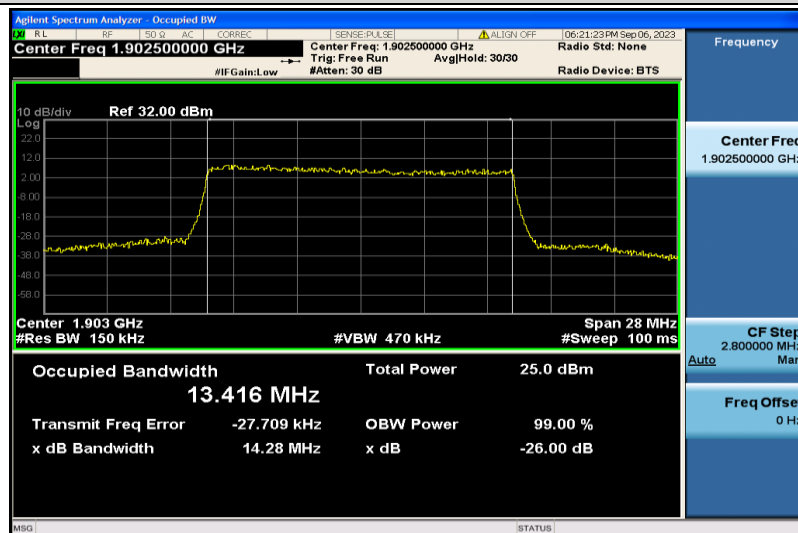
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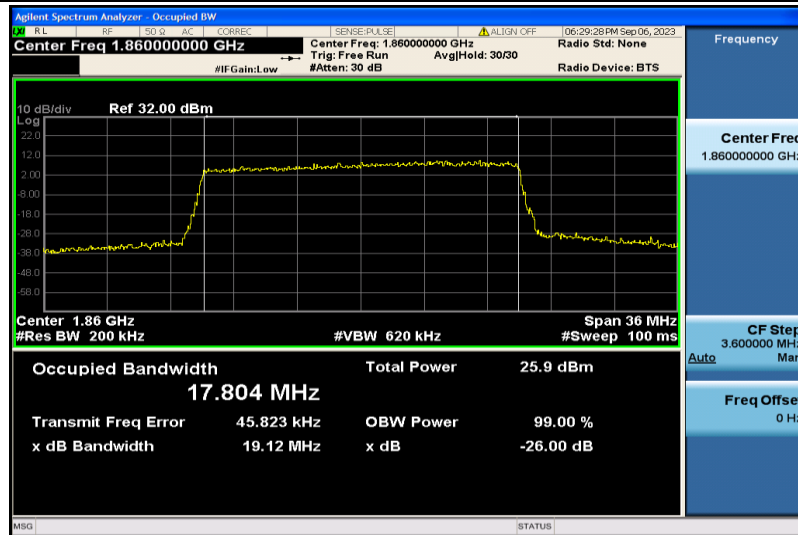
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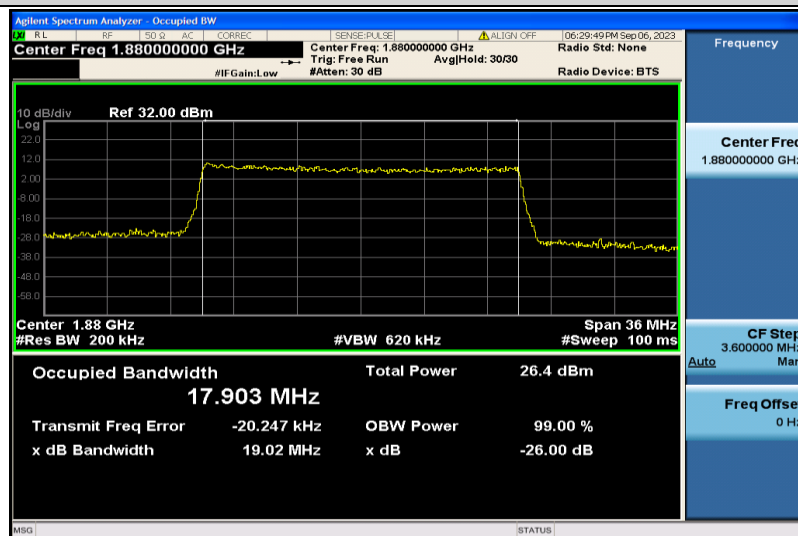
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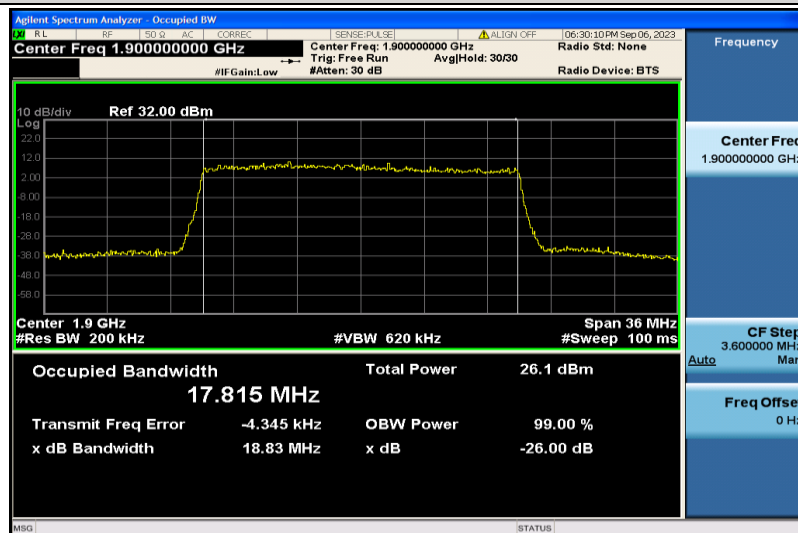
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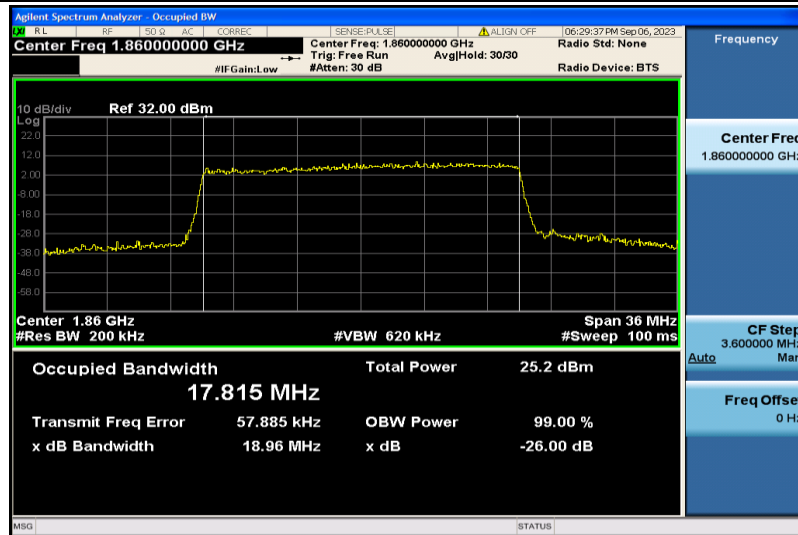
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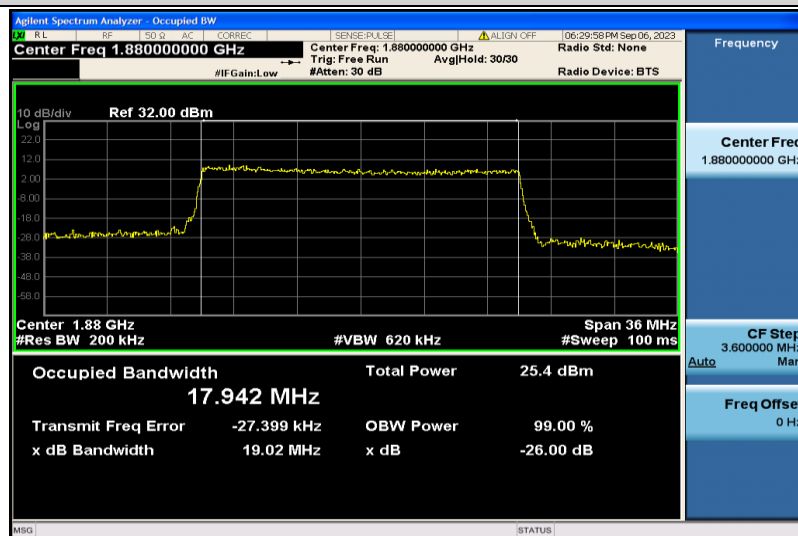
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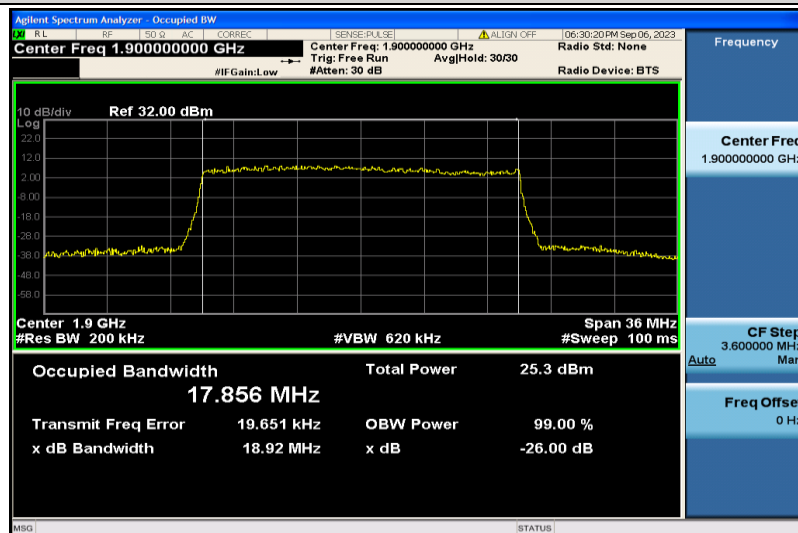
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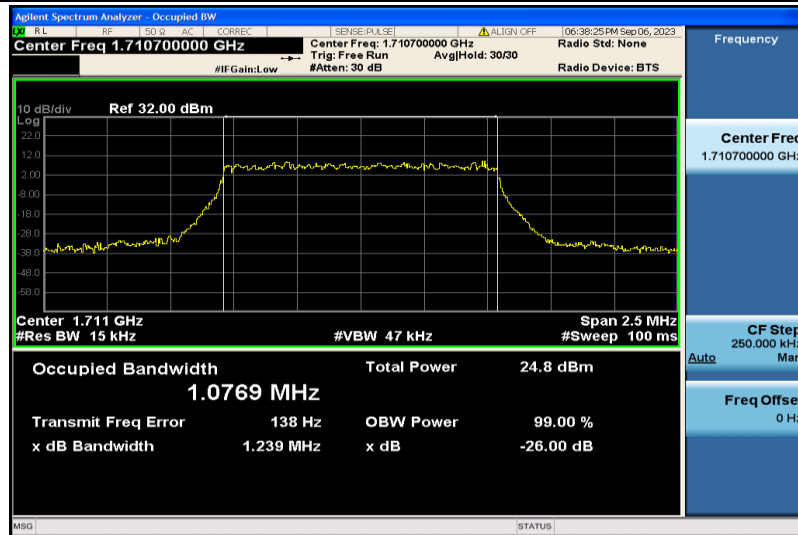
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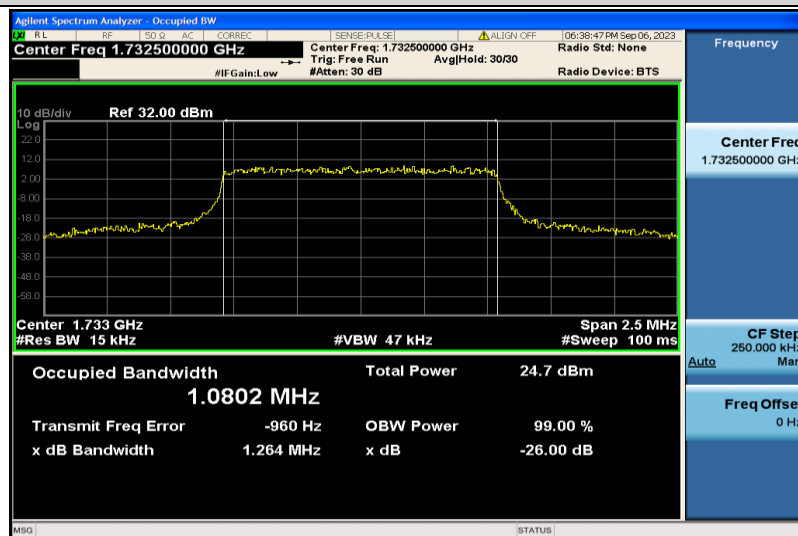
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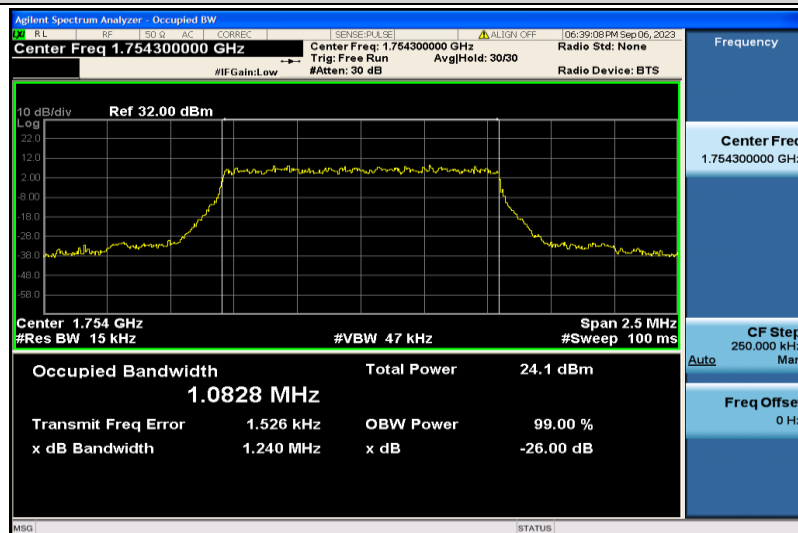
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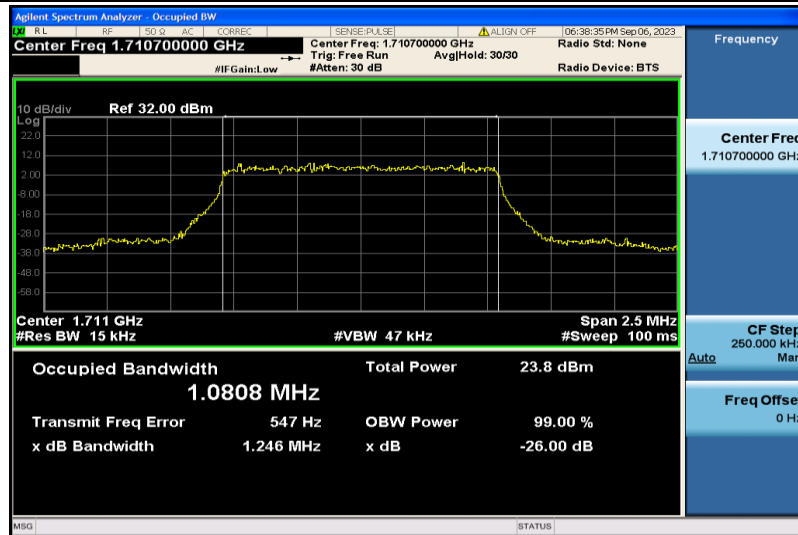
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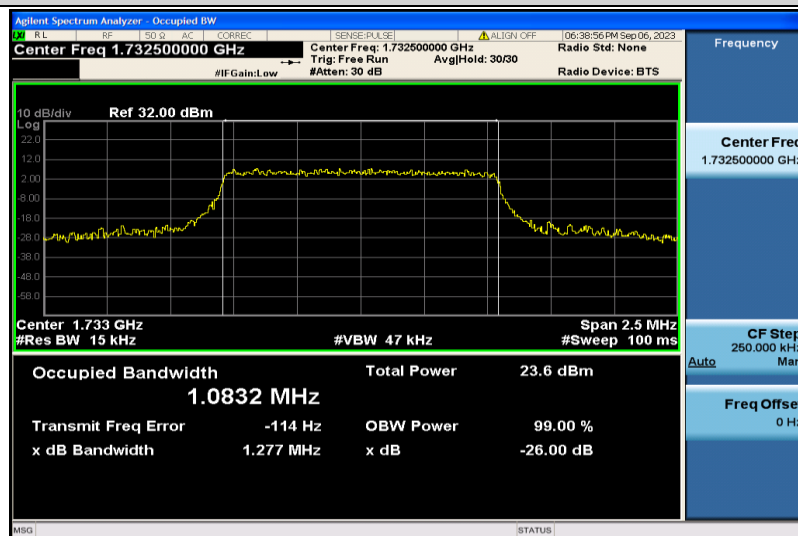
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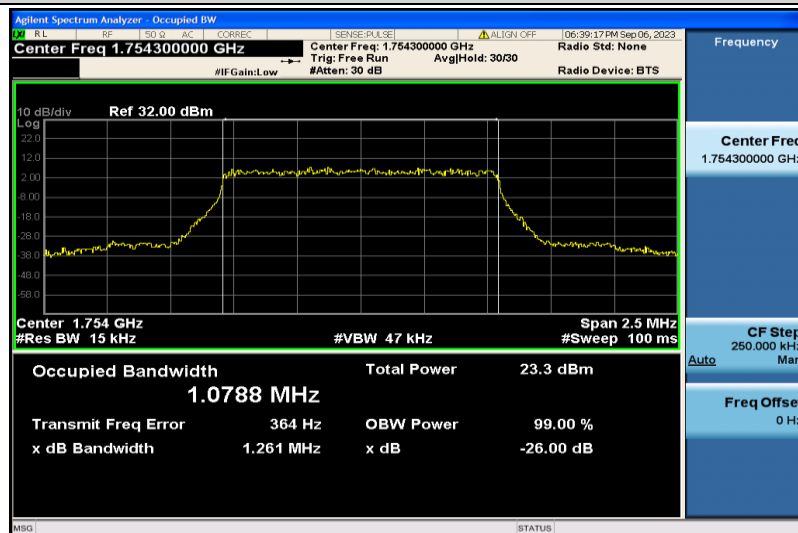
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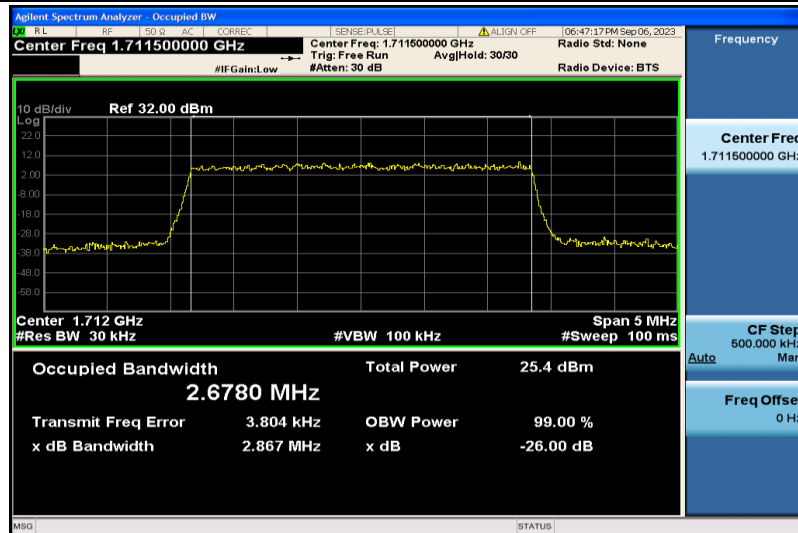
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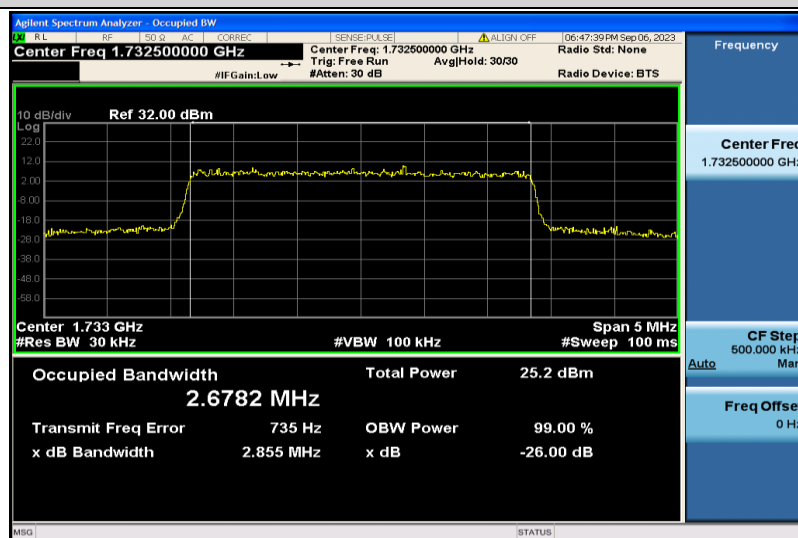
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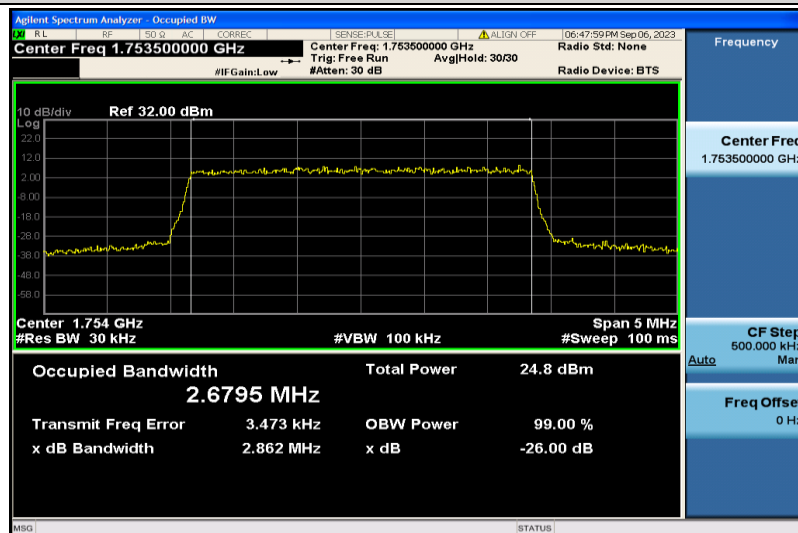
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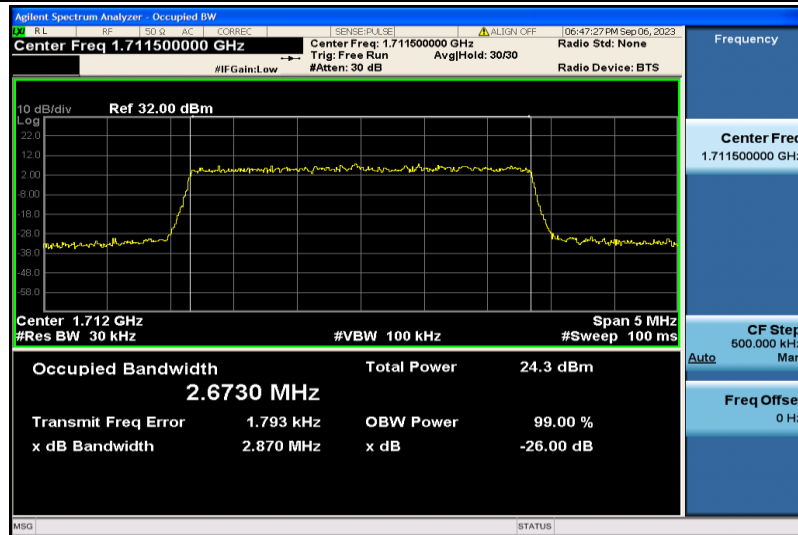
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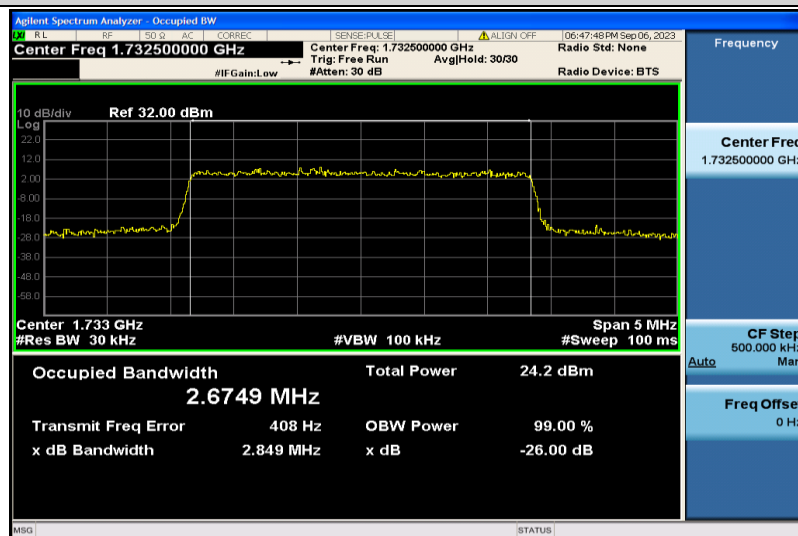
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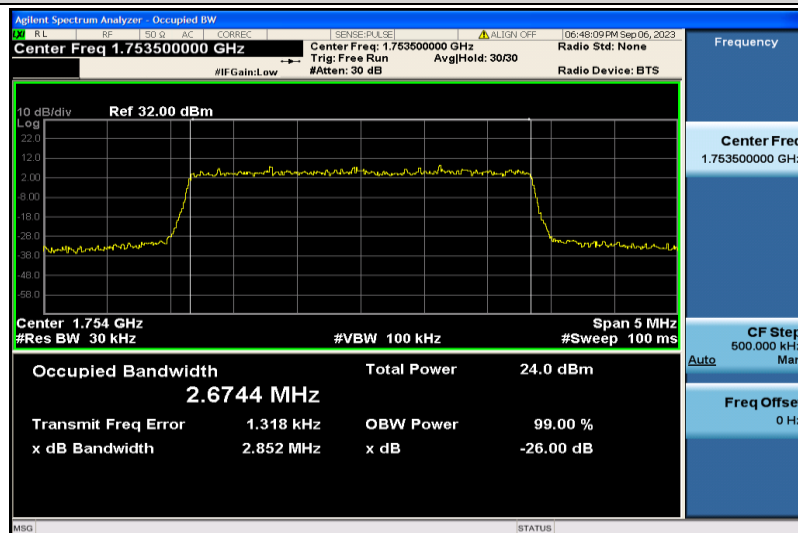
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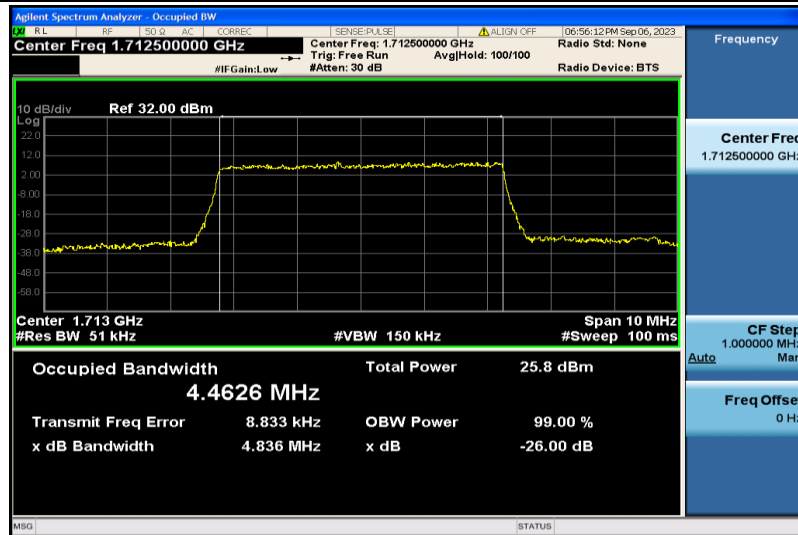
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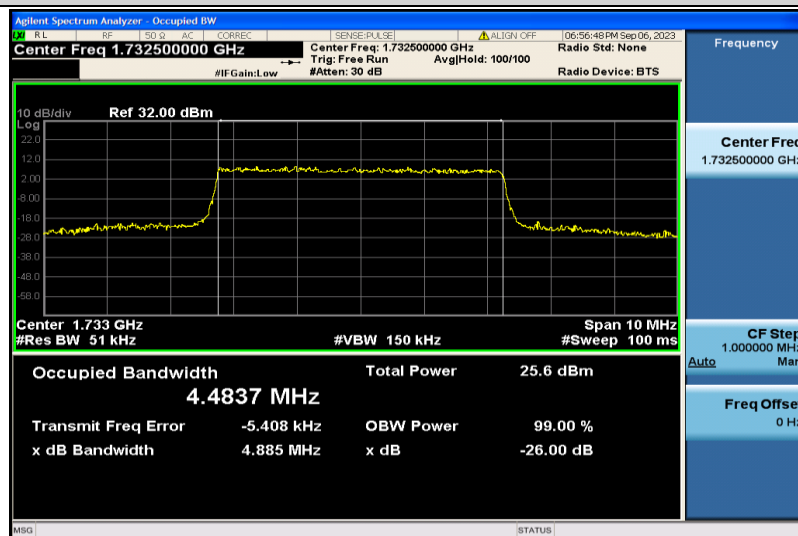
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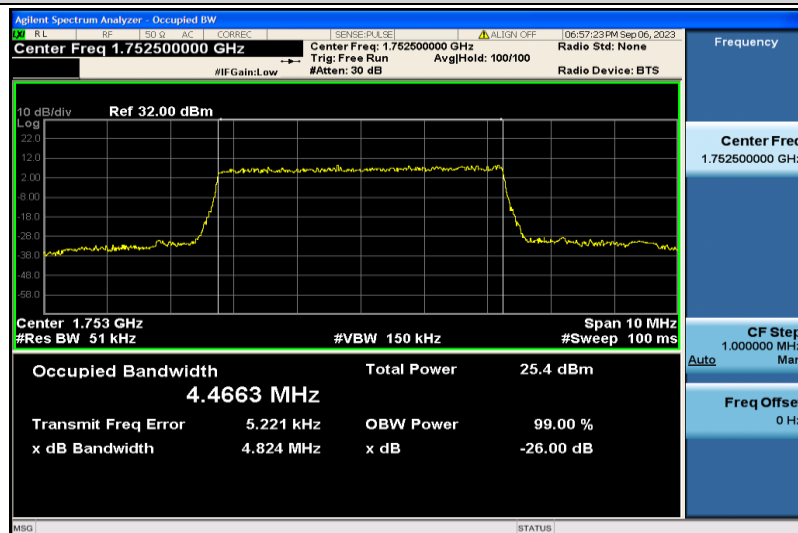
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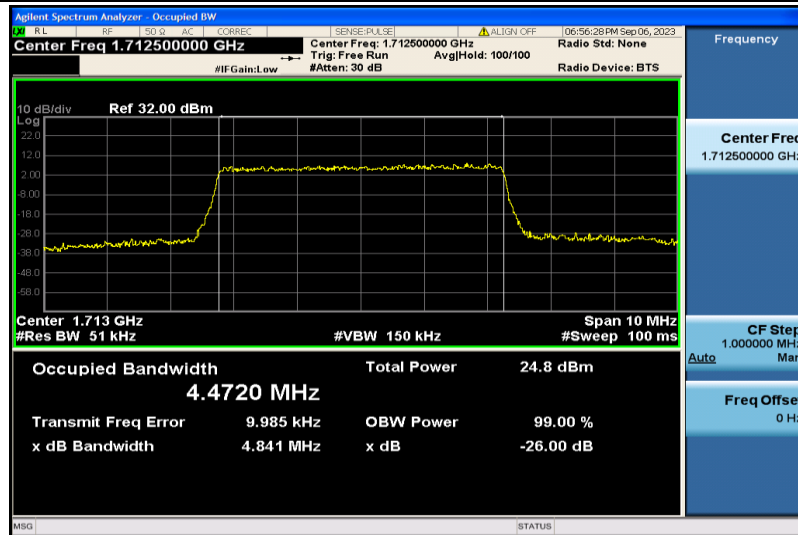
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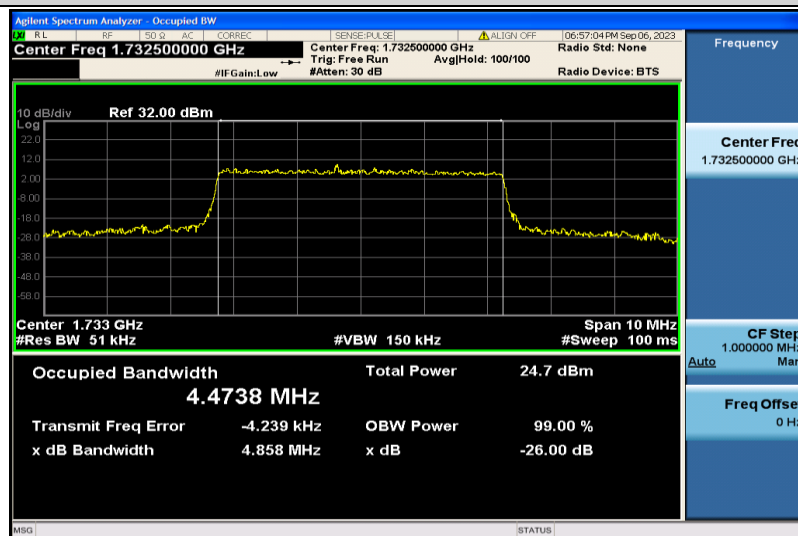
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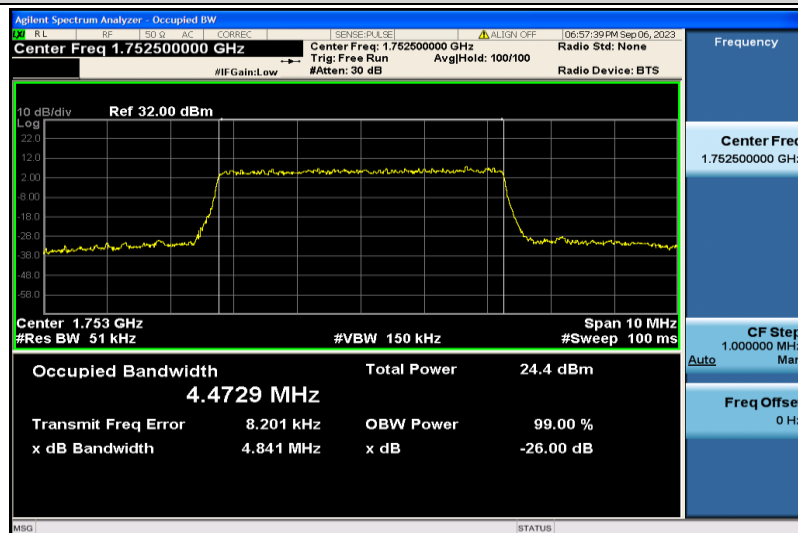
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Band4-5MHz-16QAM-19975-25RB#0-4.4720



Band4-5MHz-16QAM-20175-25RB#0-4.4738



Band4-5MHz-16QAM-20375-25RB#0-4.4729