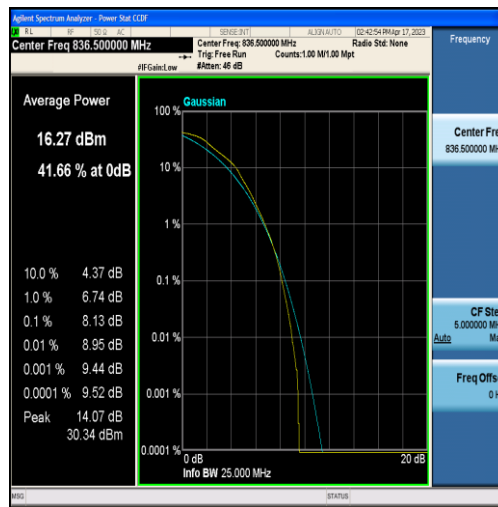
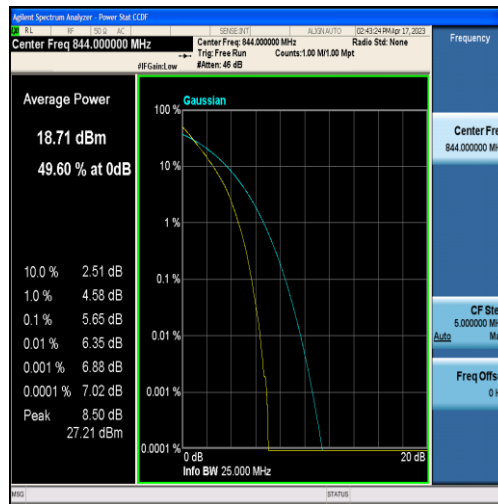
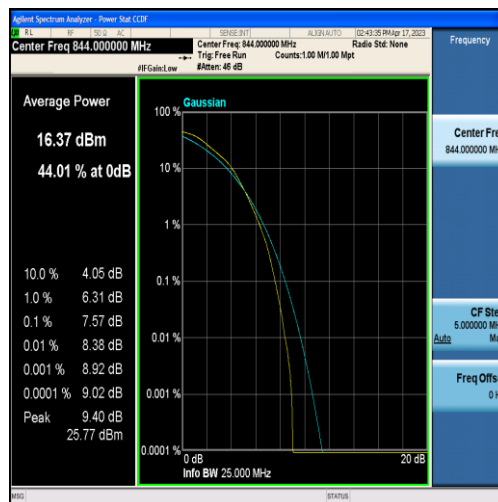




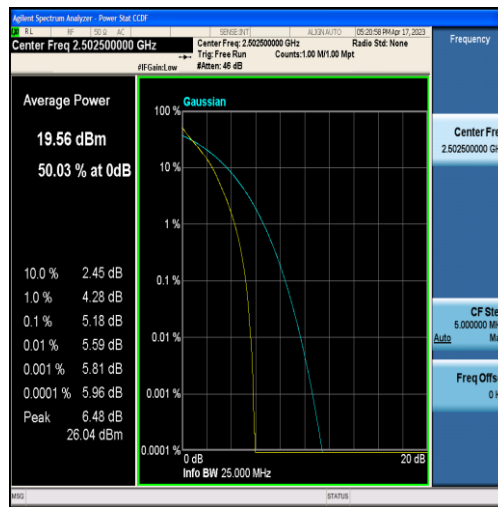
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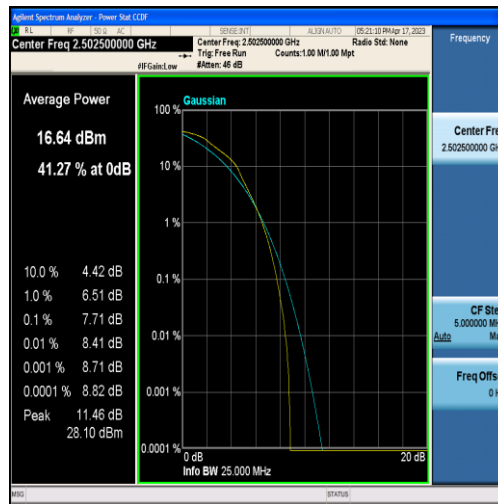
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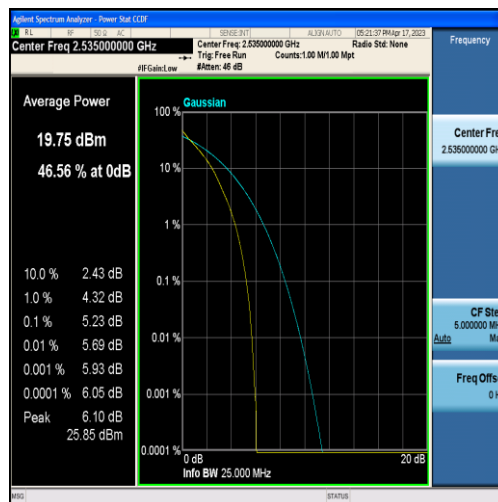
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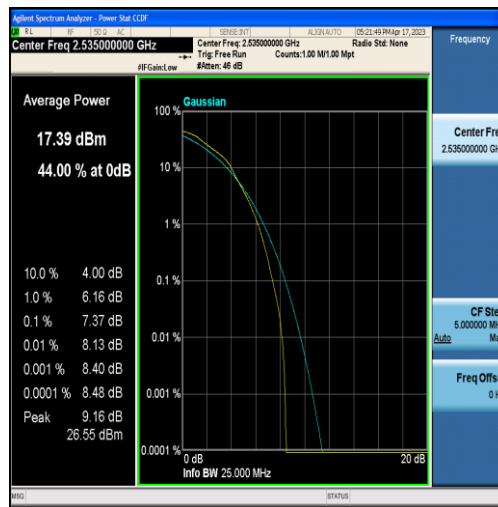
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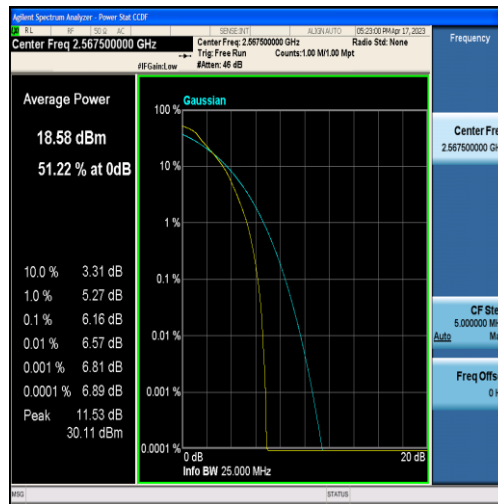
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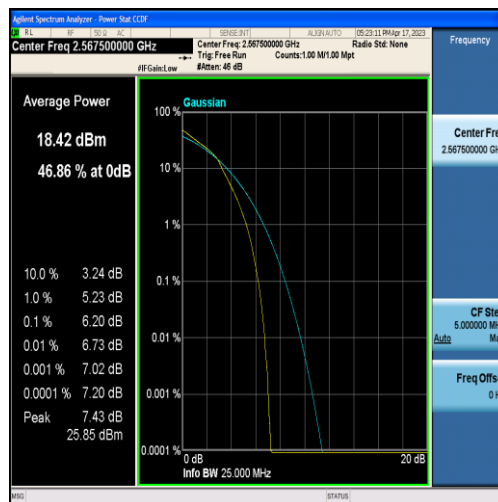
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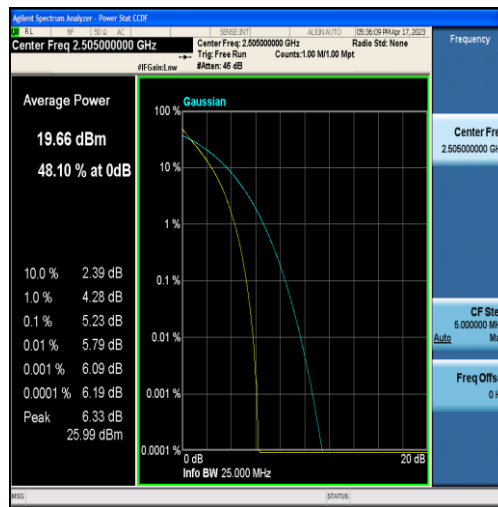
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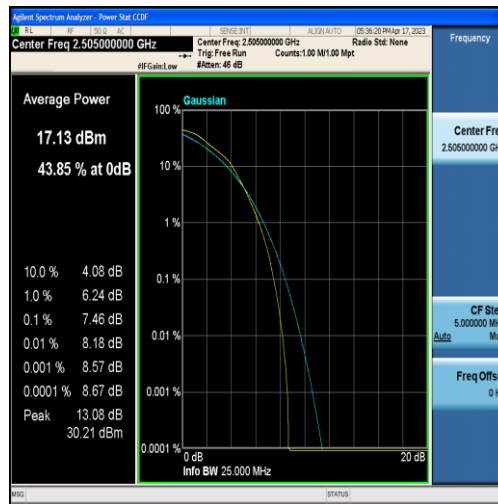
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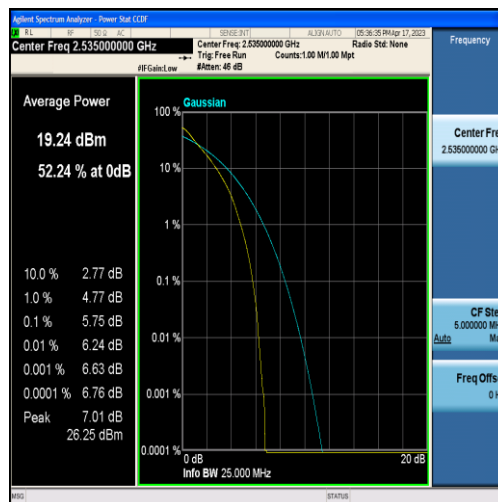
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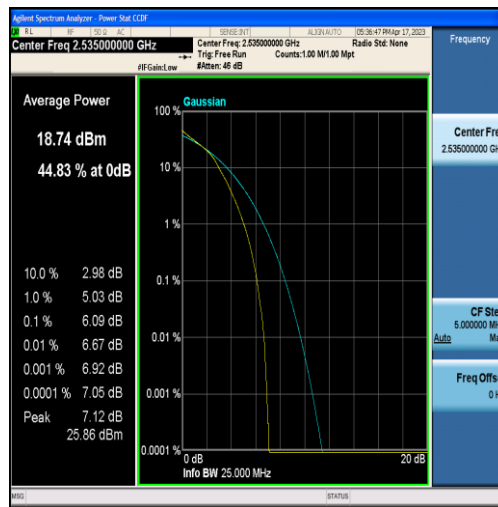
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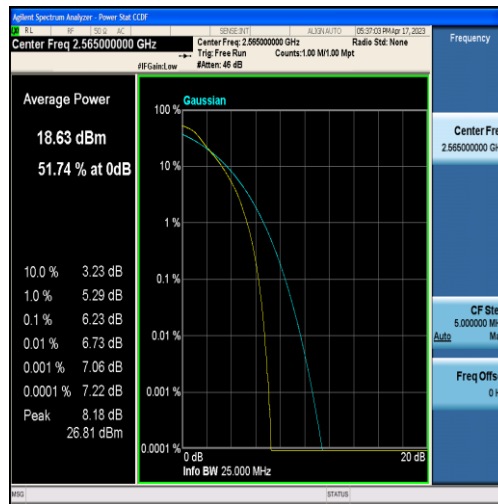
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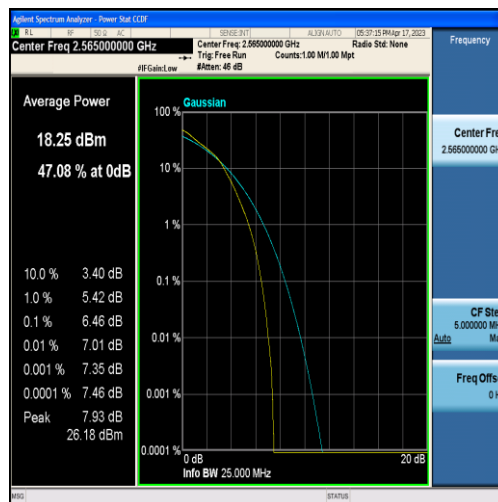
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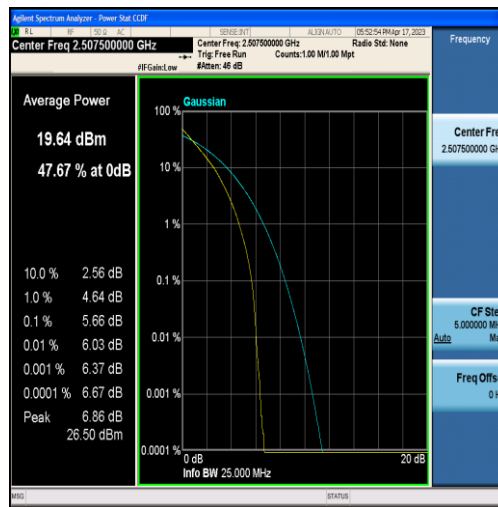
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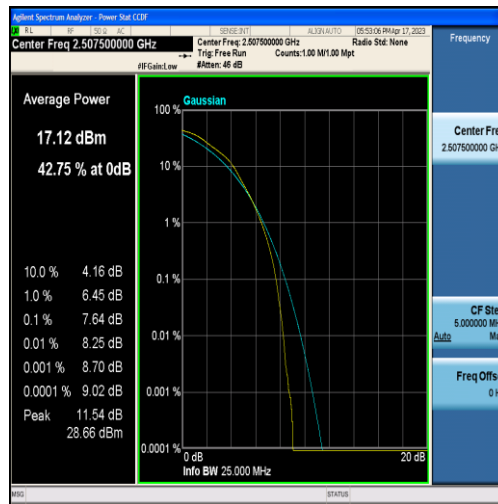
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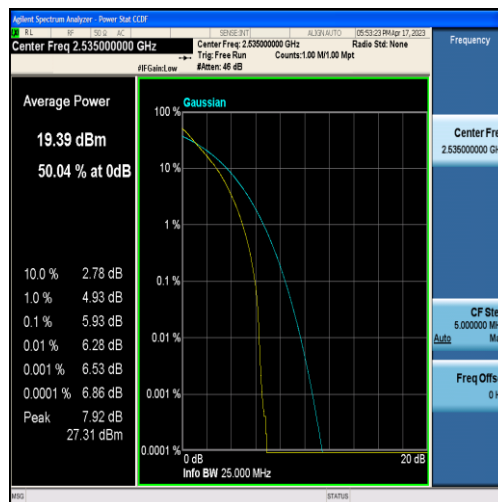
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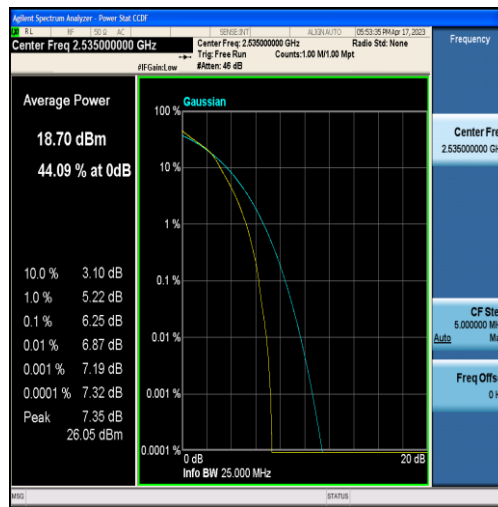
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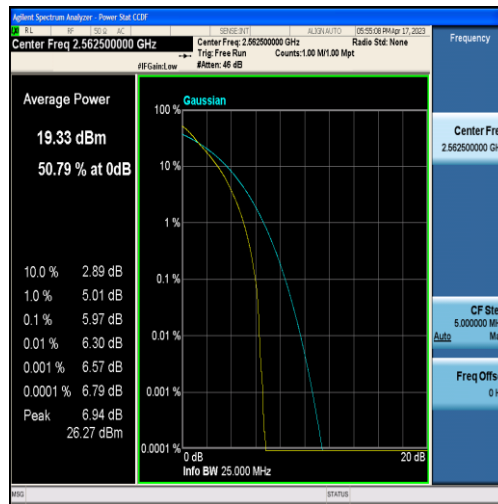
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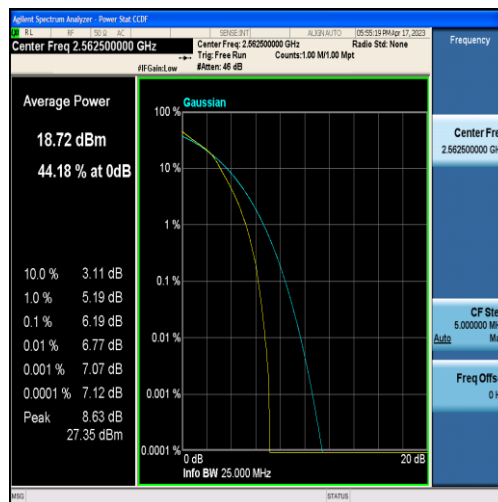
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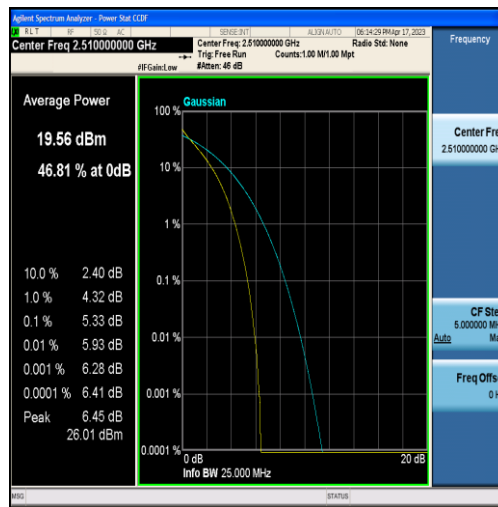
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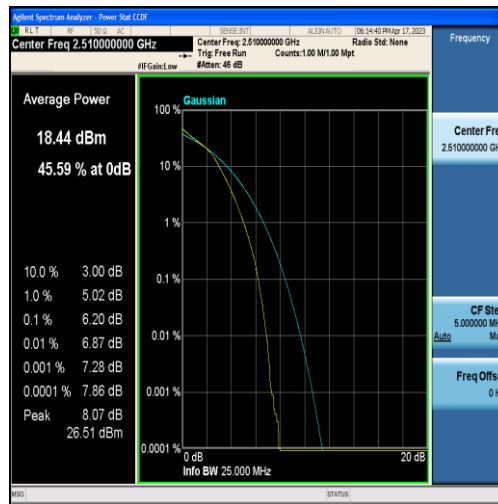
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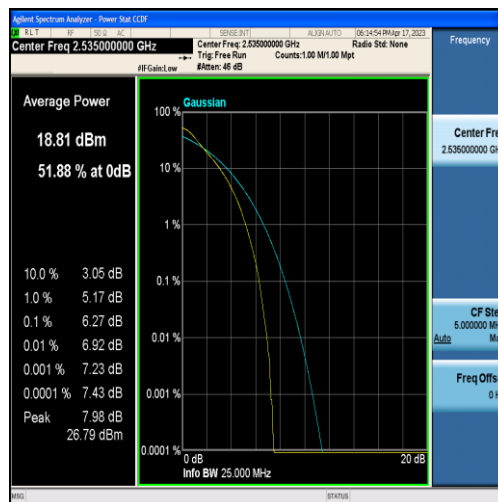
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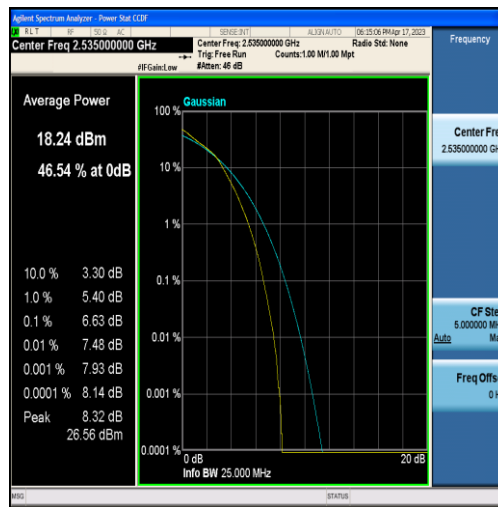
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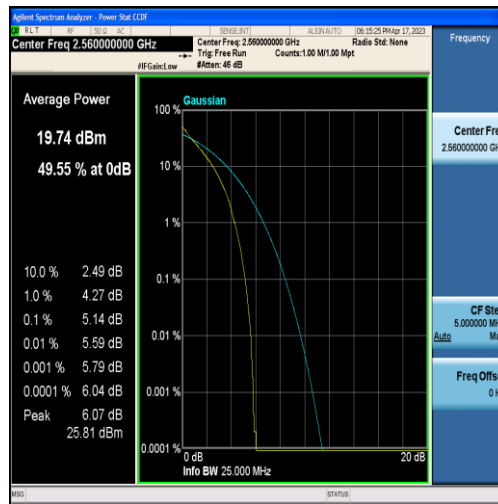
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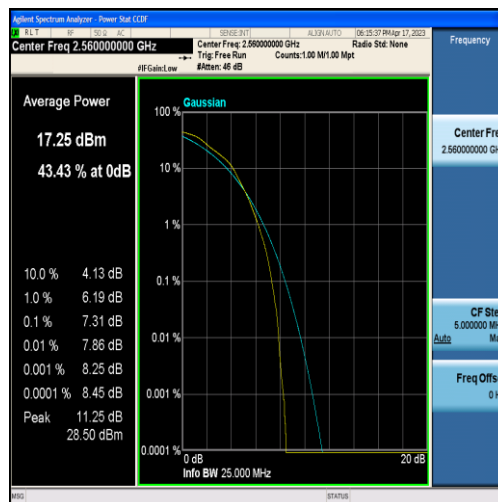
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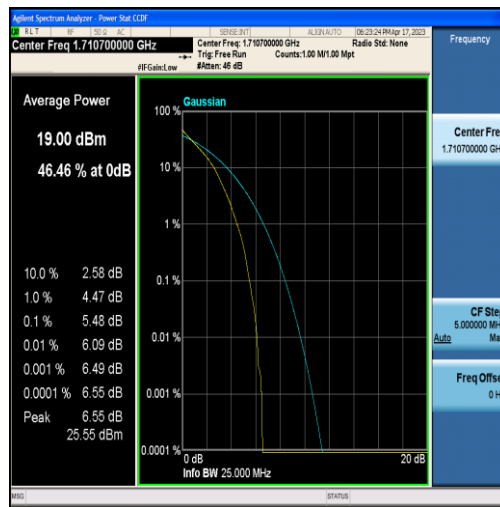
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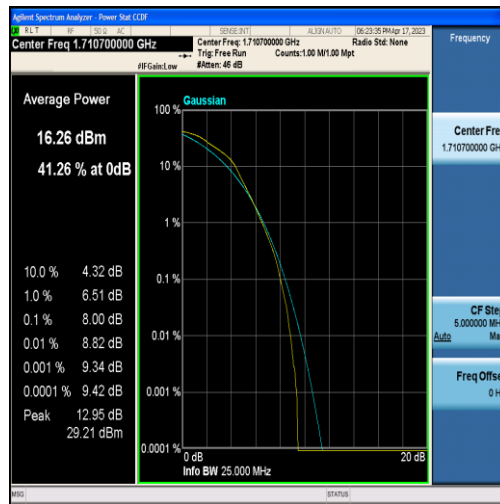
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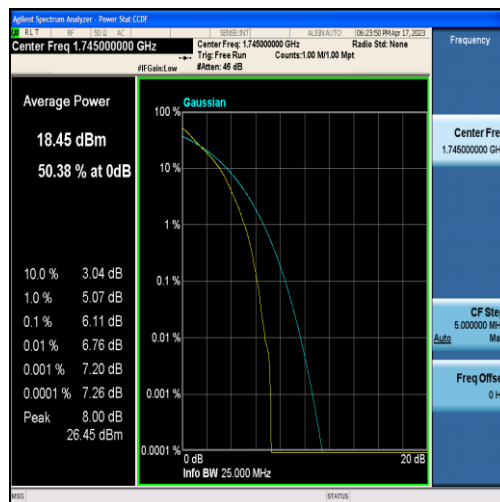
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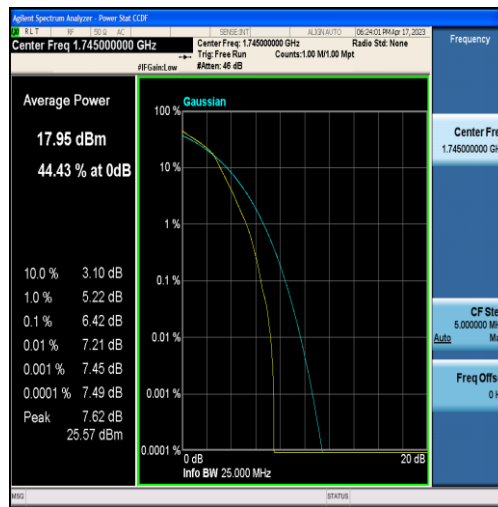
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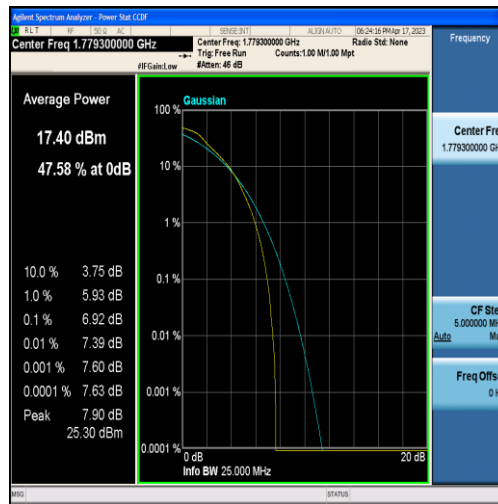
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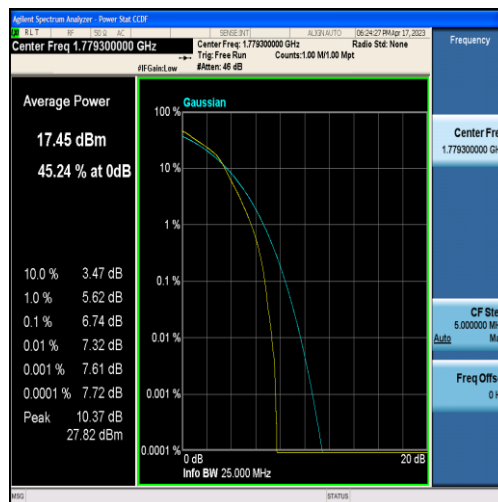
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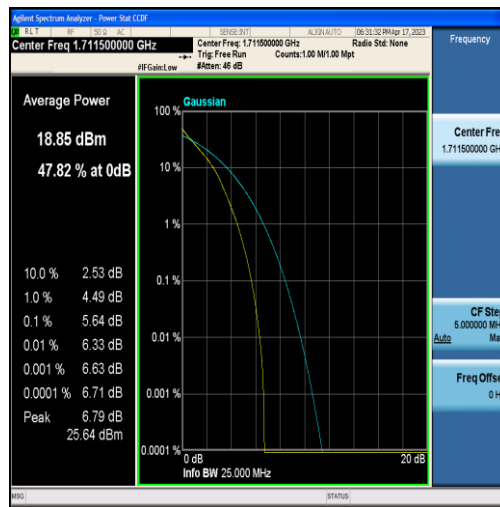
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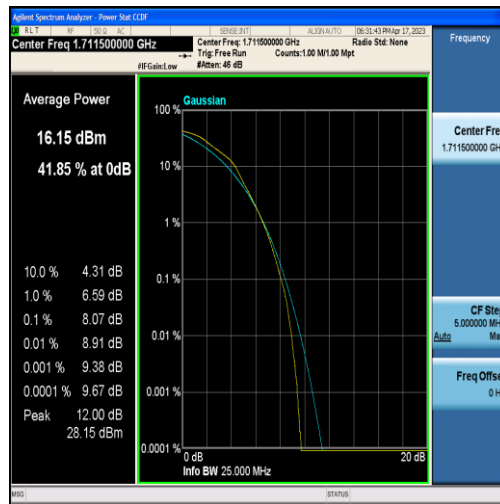
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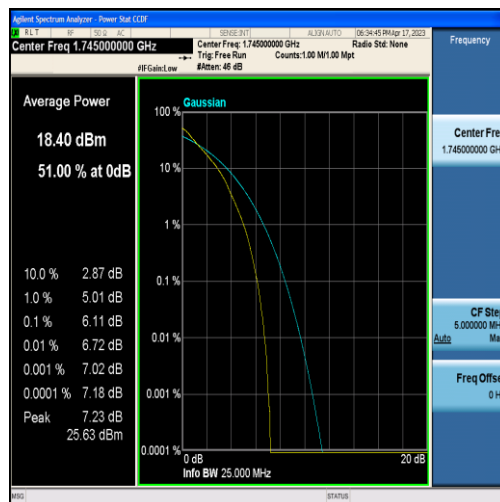
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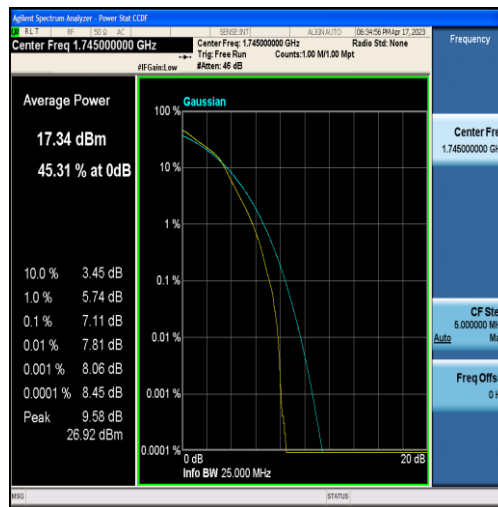
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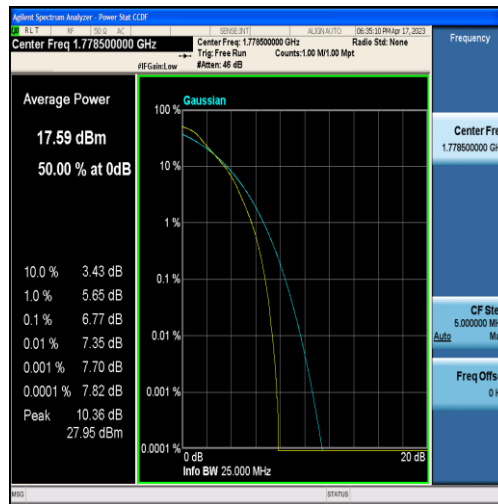
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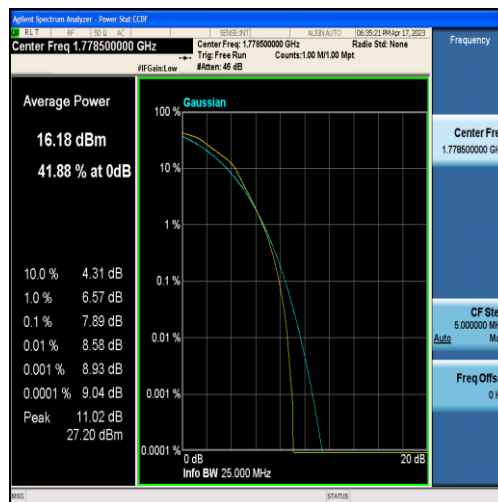
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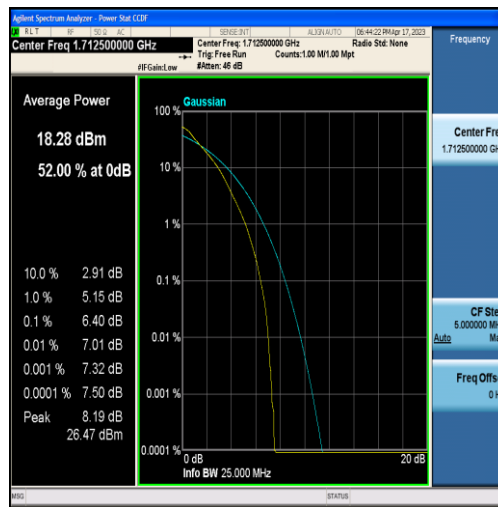
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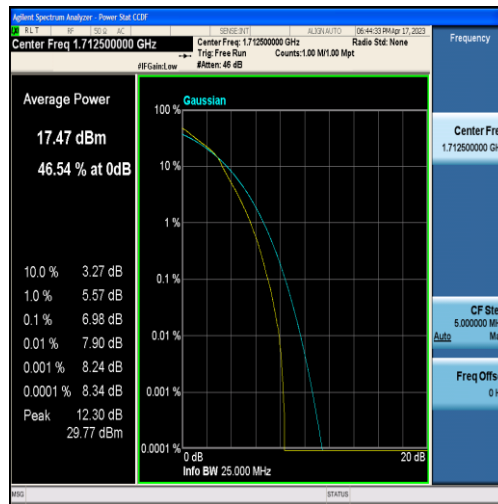
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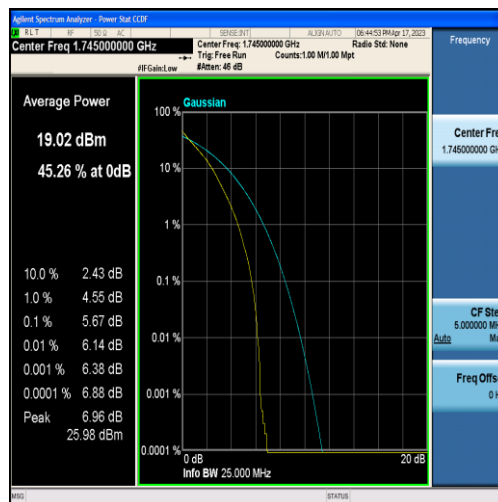
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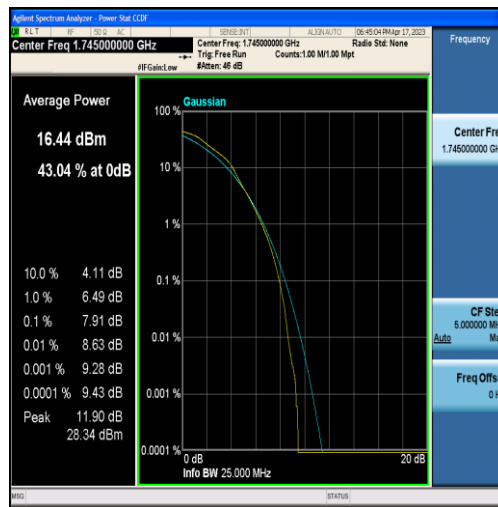
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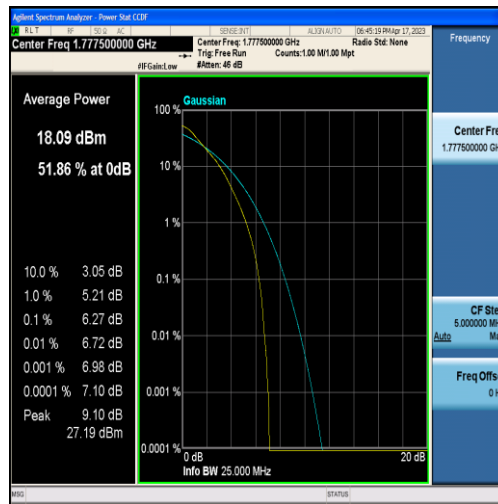
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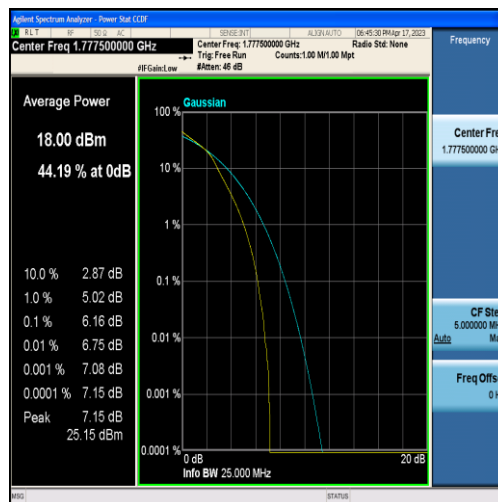
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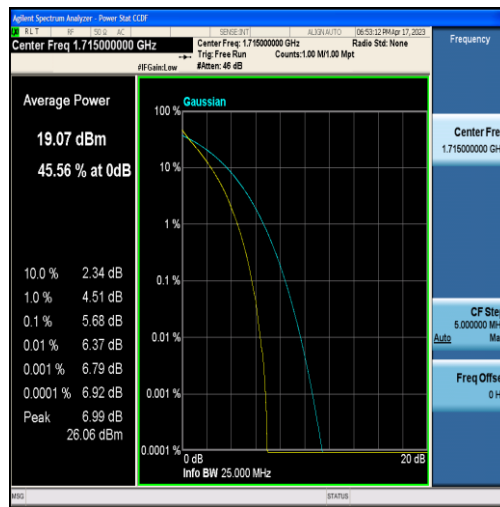
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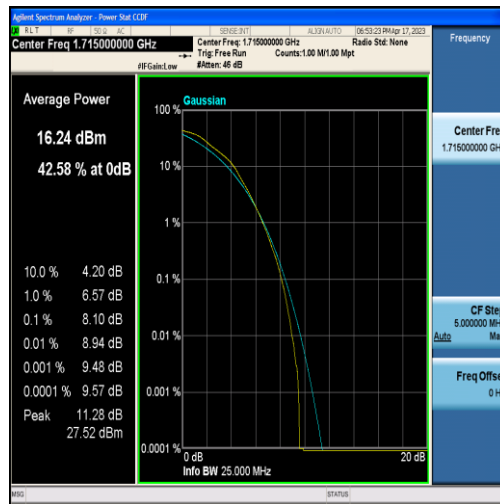
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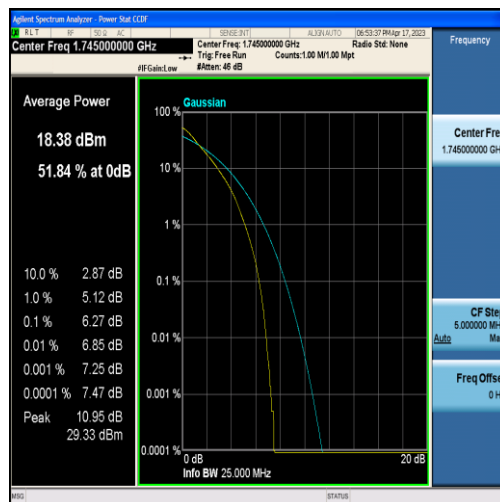
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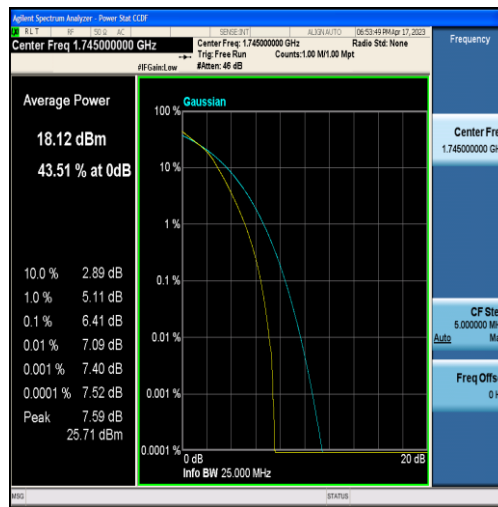
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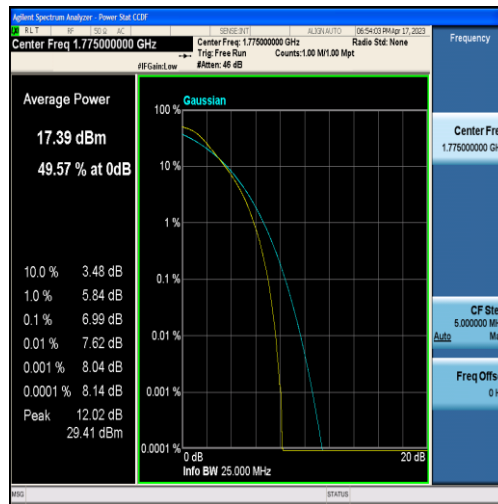
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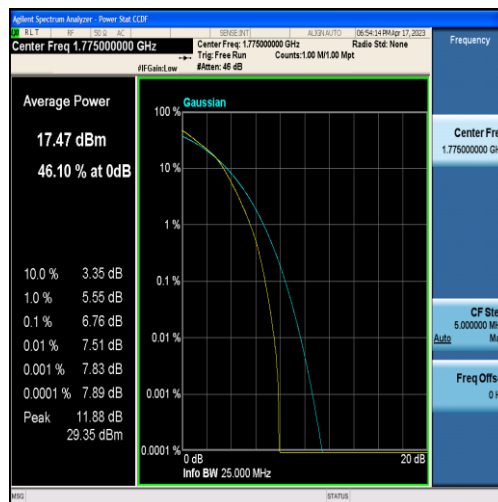
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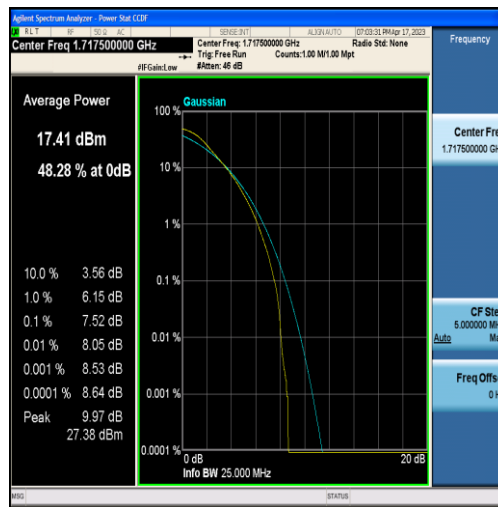
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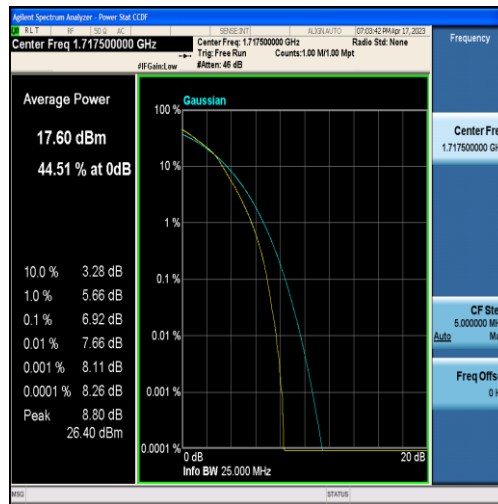
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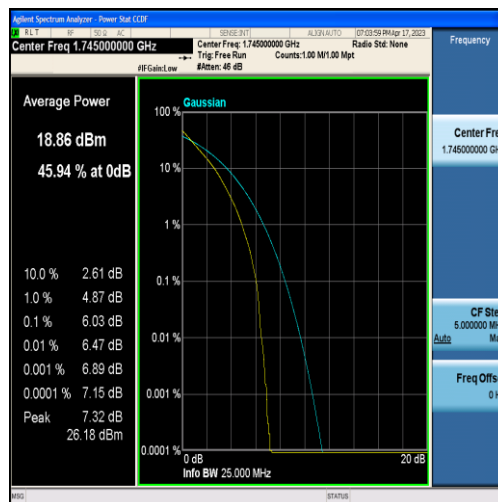
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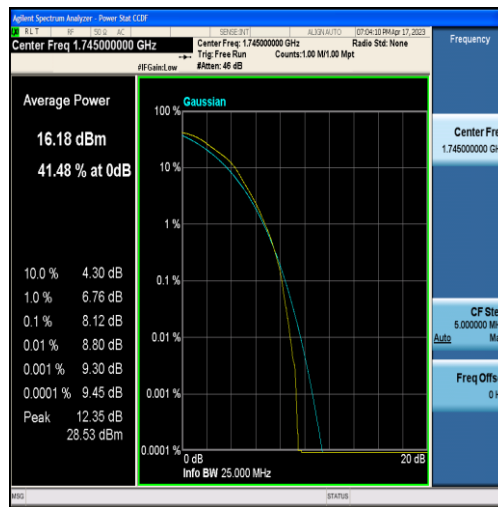
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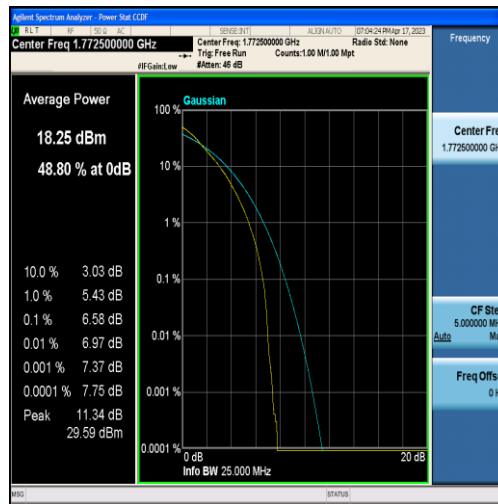
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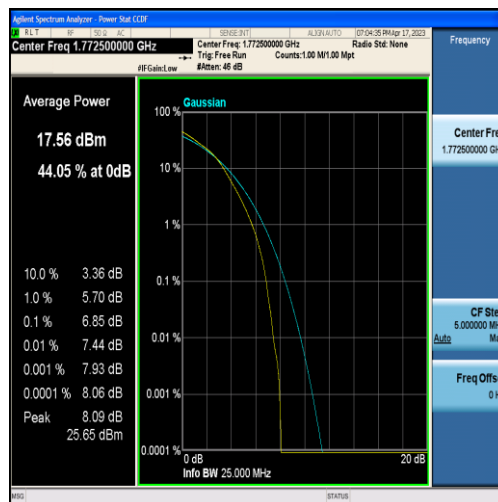
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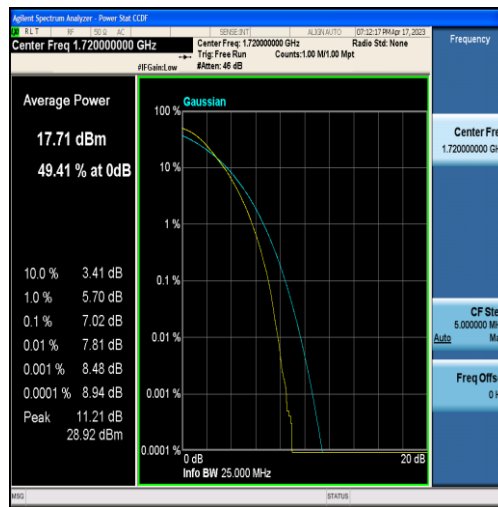
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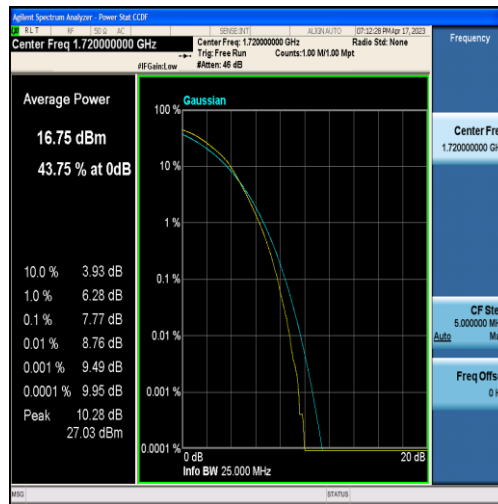
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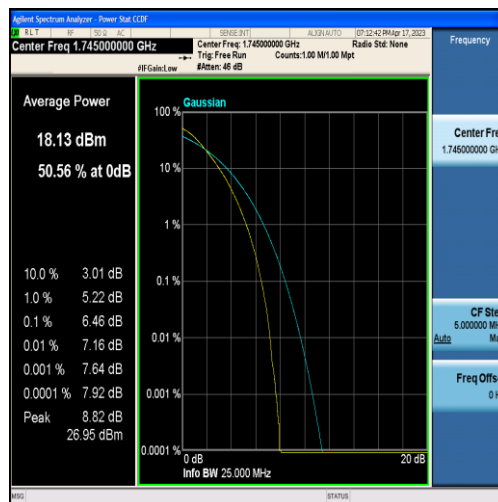
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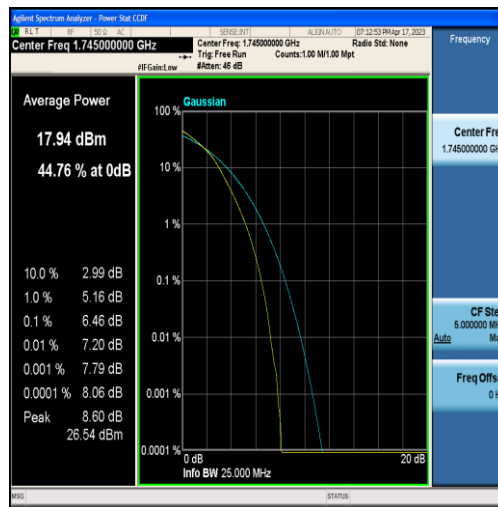
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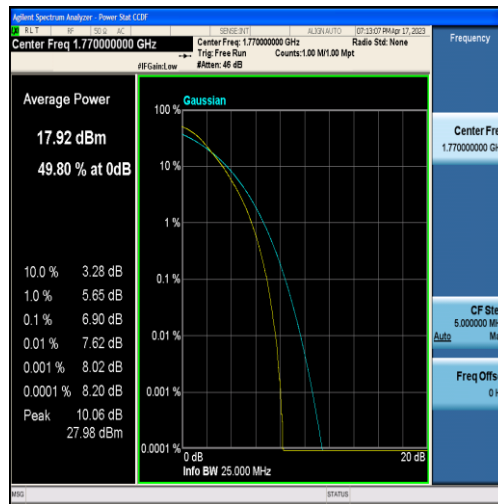
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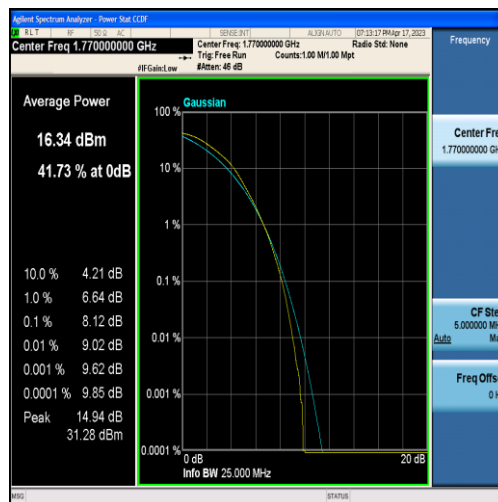
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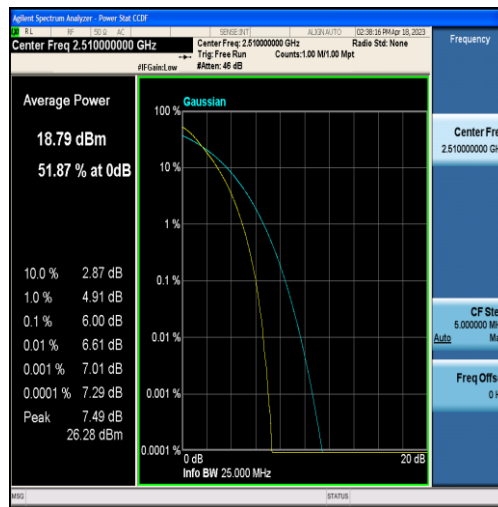
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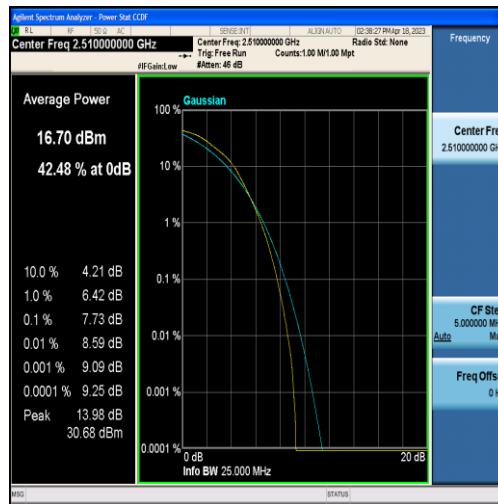
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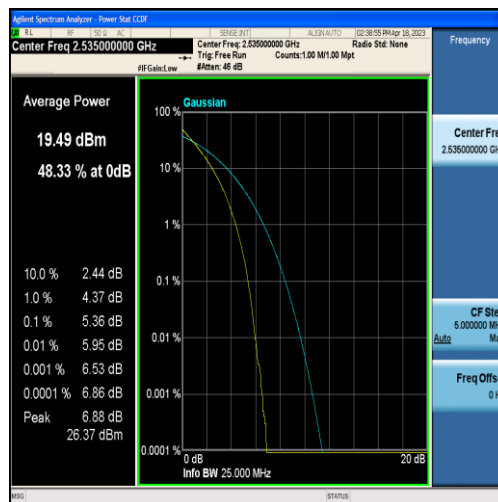
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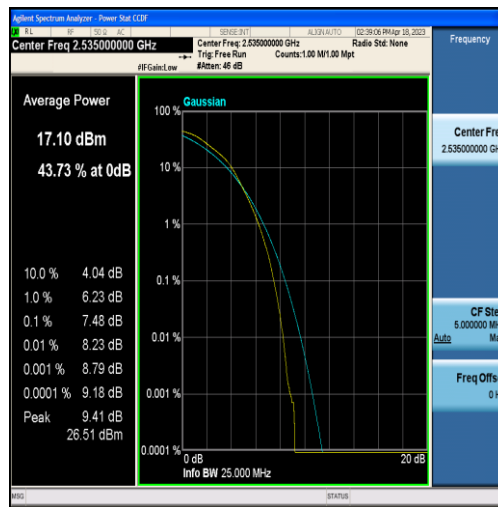
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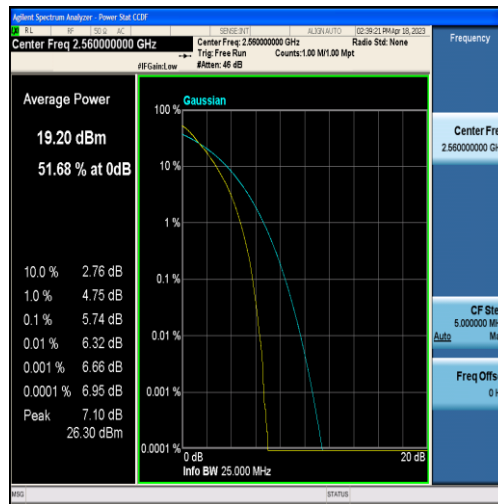
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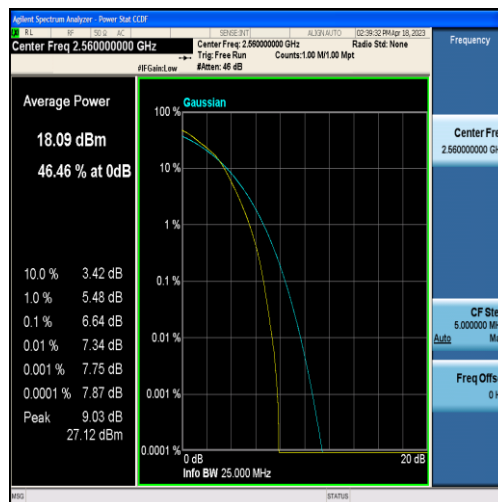
Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-21350-100RB#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	1.0903	1.291	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0961	1.305	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1007	1.289	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0951	1.293	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0943	1.299	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0976	1.328	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6852	2.905	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6818	2.915	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6877	2.897	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6864	2.901	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6839	2.897	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6820	2.911	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5097	5.372	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4904	4.899	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4898	4.928	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4977	4.951	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5031	4.942	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4831	4.896	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9795	10.46	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9740	9.736	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9924	9.825	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9808	9.784	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9722	9.772	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9829	9.765	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.464	14.76	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.458	14.96	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.474	14.64	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.491	14.47	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.518	14.74	PASS

Band2	15MHz	16QAM	19125	75RB#0	13.512	15.63	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.908	19.26	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.901	19.27	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.958	19.28	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.034	19.36	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.087	19.40	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0922	1.291	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0870	1.280	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0865	1.283	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0941	1.297	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0922	1.280	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0950	1.277	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6844	2.886	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6798	2.897	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.975	19.41	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6860	2.900	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6830	2.918	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6829	2.892	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6857	2.894	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5078	5.091	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4851	4.907	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4915	4.946	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4973	4.949	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4970	5.072	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5094	5.621	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9871	9.757	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9576	9.723	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9939	9.966	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9821	9.777	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9667	9.718	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9712	9.759	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.466	14.65	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.58	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.499	14.66	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.468	14.63	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.459	14.71	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.448	15.51	PASS

Band4	20MHz	QPSK	20050	100RB#0	17.943	19.26	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.021	19.28	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.006	19.56	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.977	19.58	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.923	19.32	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.910	19.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0902	1.277	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0951	1.304	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0892	1.277	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0981	1.306	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0886	1.286	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0943	1.309	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6899	2.915	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6812	2.906	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6866	2.881	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6850	2.913	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6862	2.905	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6804	2.900	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5067	4.933	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4893	4.924	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5022	4.941	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4863	4.906	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5046	4.930	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4850	4.905	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9953	9.839	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9776	9.694	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9924	9.833	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9880	9.729	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9674	9.748	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9756	9.782	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5065	4.956	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4892	4.913	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4909	5.105	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5028	5.038	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4980	5.057	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5082	4.941	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0081	9.860	PASS

Band7	10MHz	16QAM	20800	50RB#0	8.9865	9.776	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9800	9.777	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9791	9.752	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9852	9.768	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9740	9.843	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.481	14.93	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.483	14.64	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.459	14.60	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.473	14.52	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.499	14.62	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.468	14.63	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0932	1.277	PASS
Band7	20MHz	QPSK	21350	60RB#0	10.840	11.99	PASS
Band7	20MHz	16QAM	21350	60RB#0	17.906	18.87	PASS
Band7	20MHz	QPSK	20850	60RB#0	10.874	12.06	PASS
Band7	20MHz	16QAM	20850	60RB#0	17.849	18.66	PASS
Band7	20MHz	QPSK	21100	60RB#0	10.899	12.00	PASS
Band7	20MHz	16QAM	21100	60RB#0	38.778	40.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1024	1.308	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0884	1.269	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0936	1.276	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0949	1.268	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0878	1.286	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6874	2.904	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6843	2.880	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6857	2.911	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6835	2.906	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6910	2.900	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6829	2.892	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5310	5.598	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5164	5.307	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5053	5.164	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5303	5.198	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5152	5.165	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5263	5.228	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0084	10.16	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0002	9.978	PASS

Band66	10MHz	QPSK	132322	50RB#0	9.0180	10.12	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9892	10.04	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9795	10.04	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9910	10.06	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.509	15.19	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.483	14.91	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.498	15.20	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.501	14.82	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.481	15.10	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.524	15.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.979	19.59	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.956	19.50	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.941	19.87	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.962	19.69	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.995	19.83	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.031	20.20	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.932	19.51	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.958	19.41	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.917	19.33	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.912	19.39	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.979	19.32	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.043	19.43	PASS

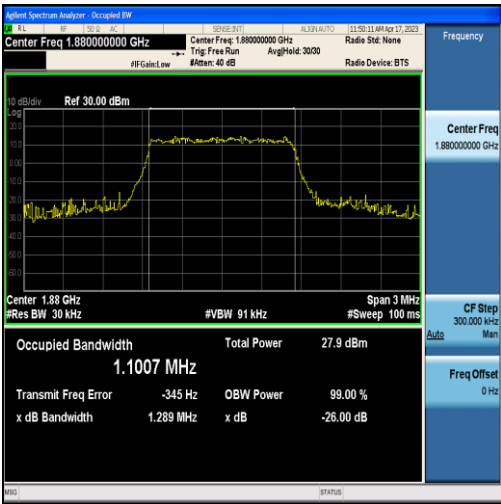
Test Graphs



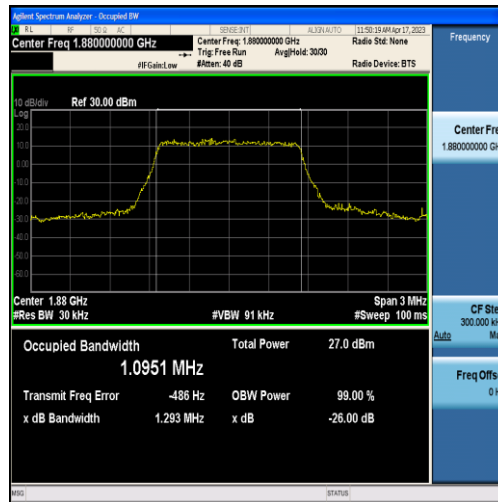
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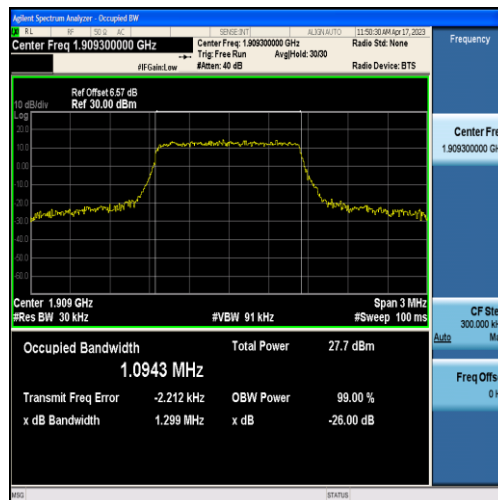
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Band2-1.4MHz-QPSK-18900-6RB#0-1.1007



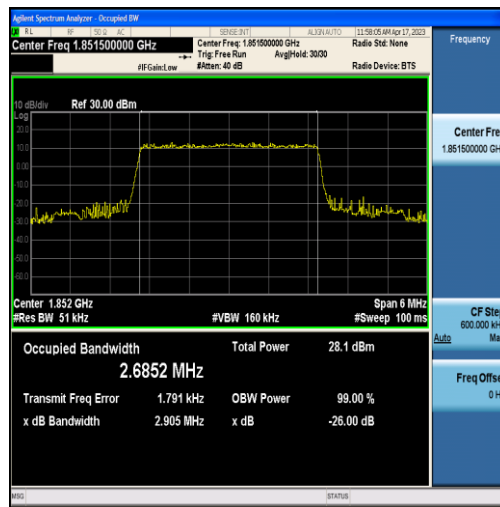
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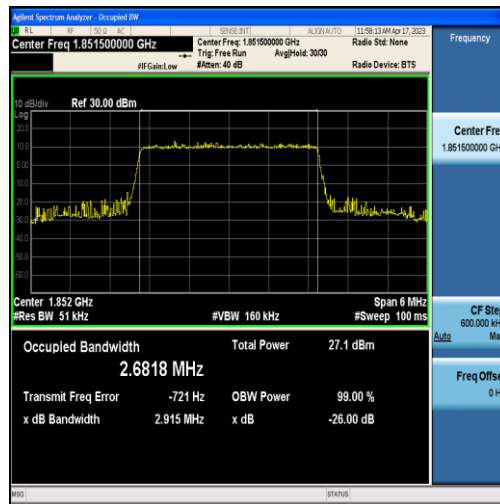
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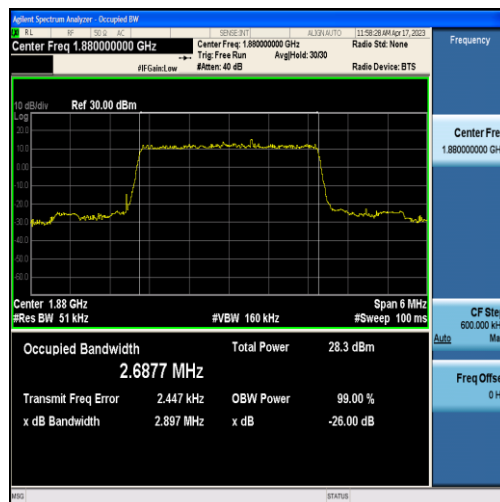
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Band2-3MHz-QPSK-18615-15RB#0-2.6852



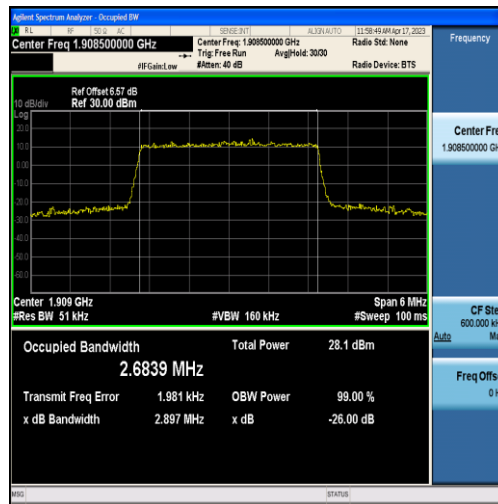
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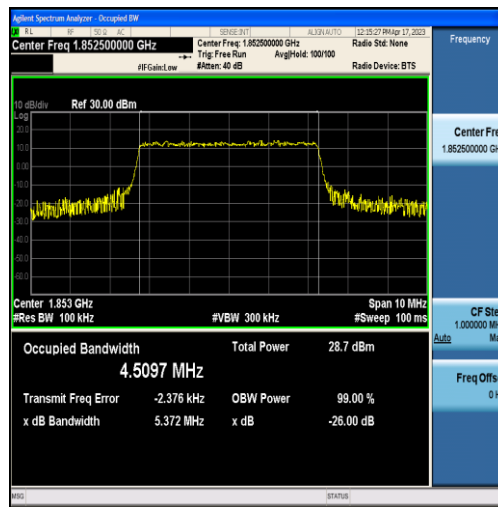
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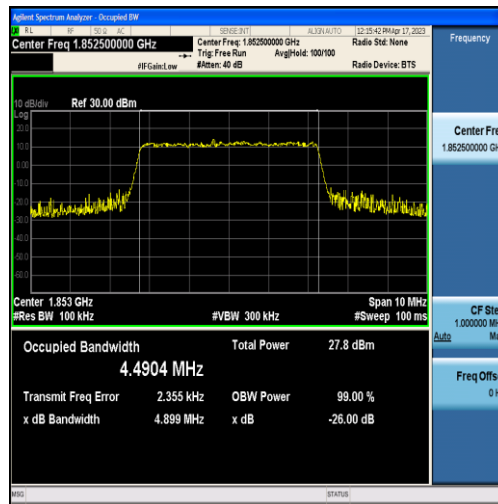
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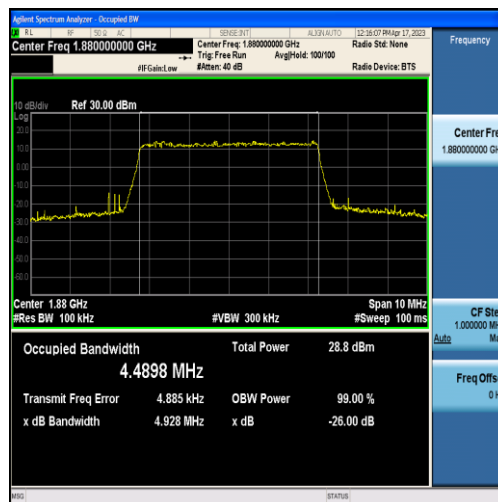
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Band2-5MHz-QPSK-18625-25RB#0-4.5097



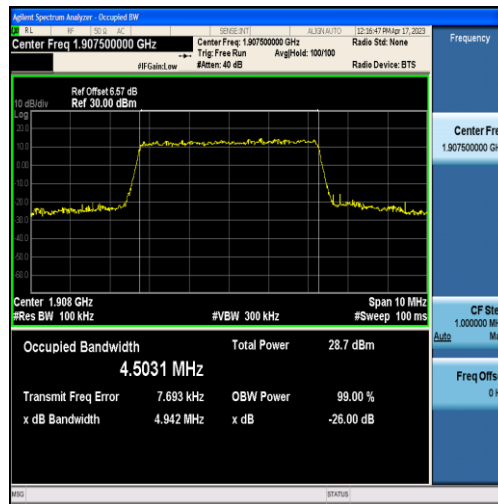
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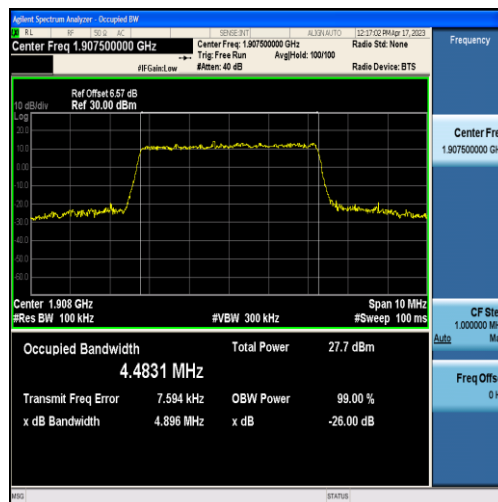
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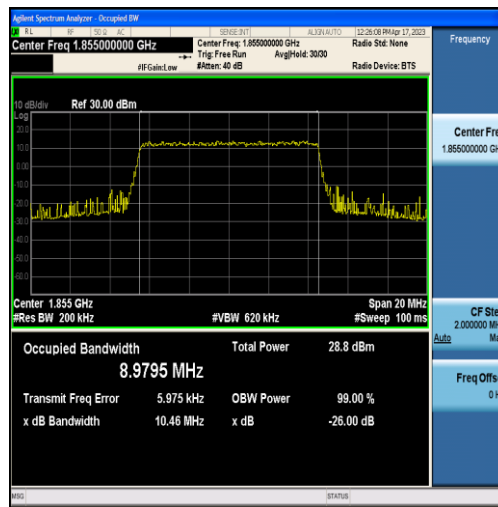
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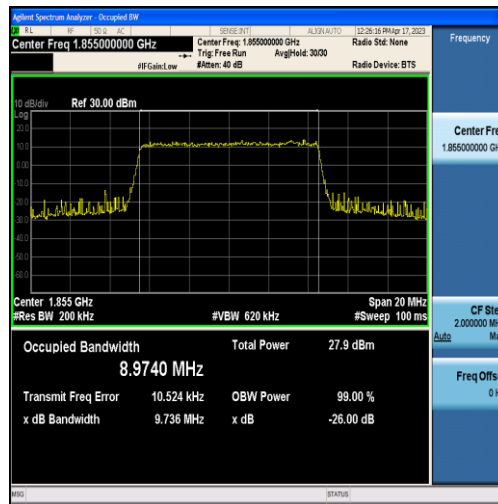
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Band2-10MHz-QPSK-18650-50RB#0-8.9795



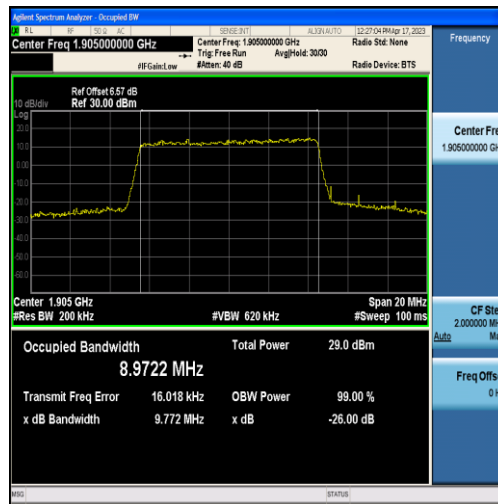
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Band2-10MHz-QPSK-19150-50RB#0-8.9722



Band2-10MHz-16QAM-19150-50RB#0-8.9829