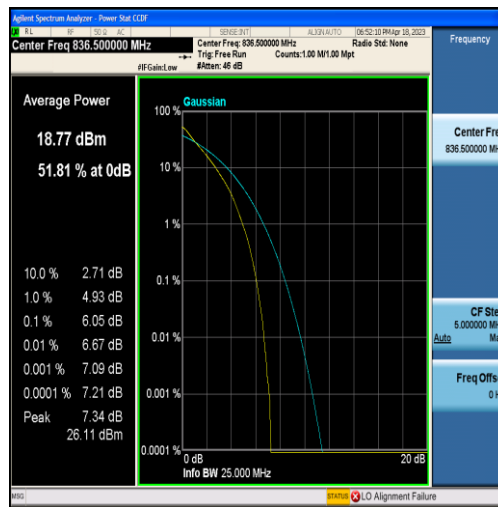
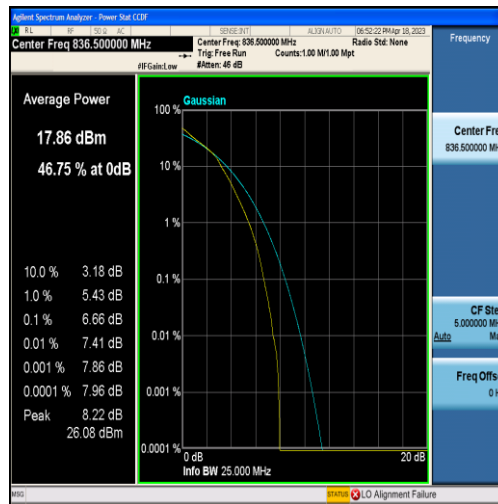
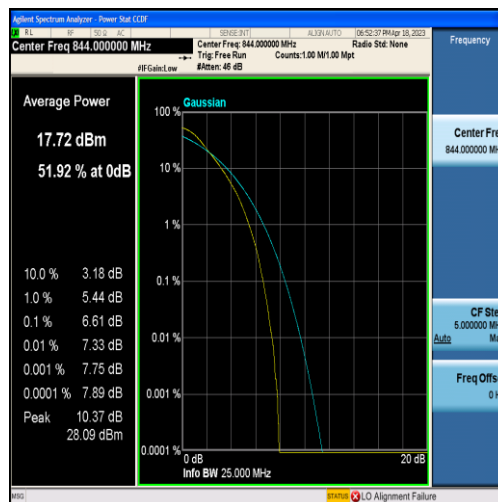




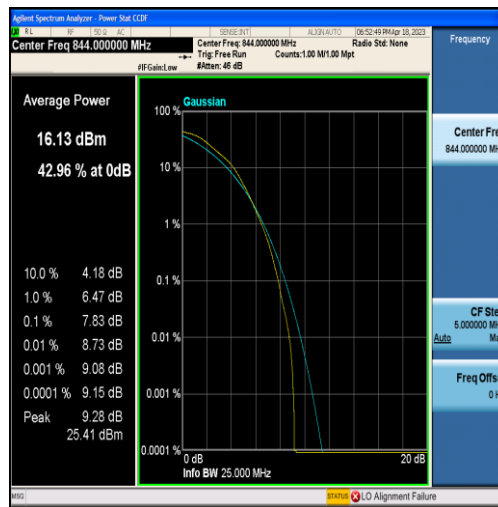
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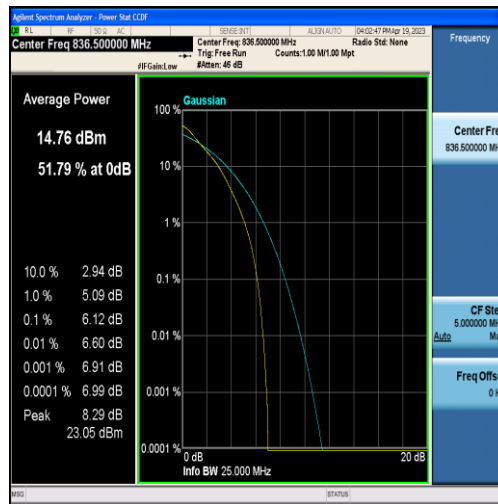
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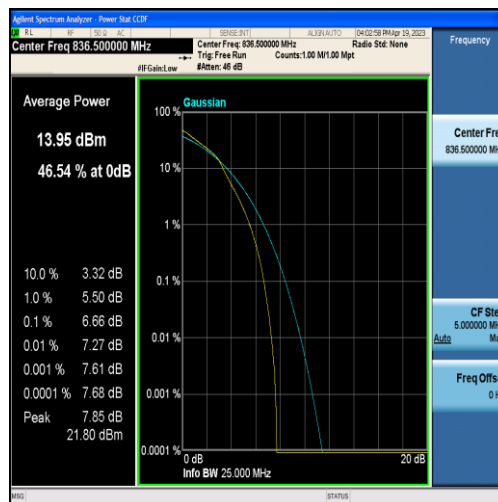
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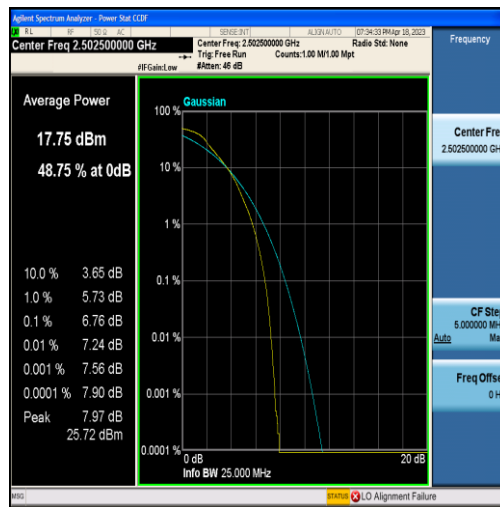
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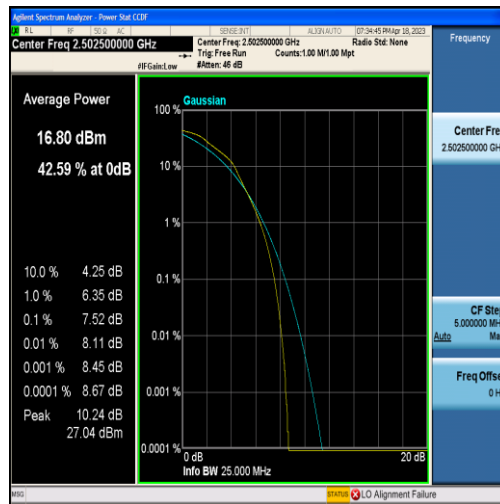
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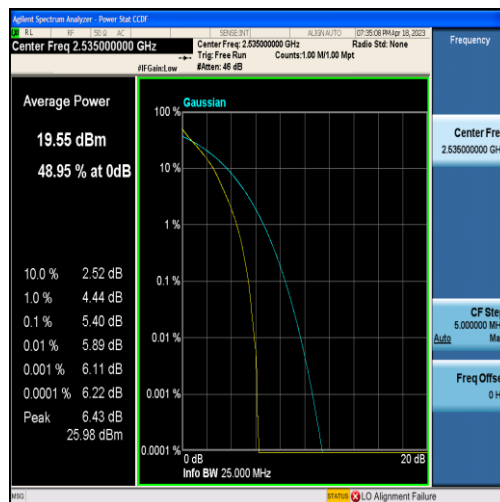
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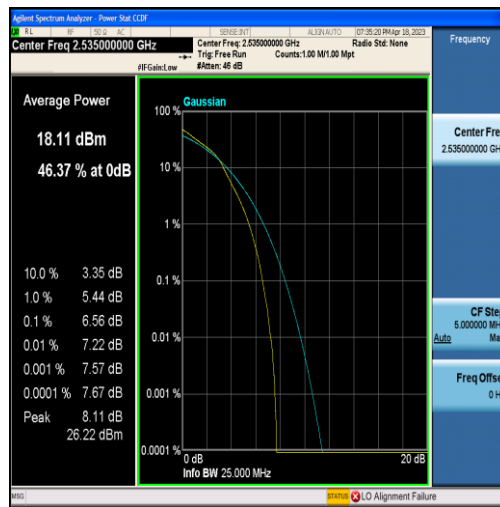
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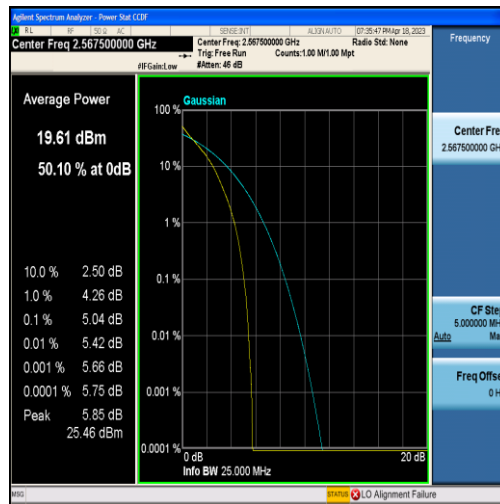
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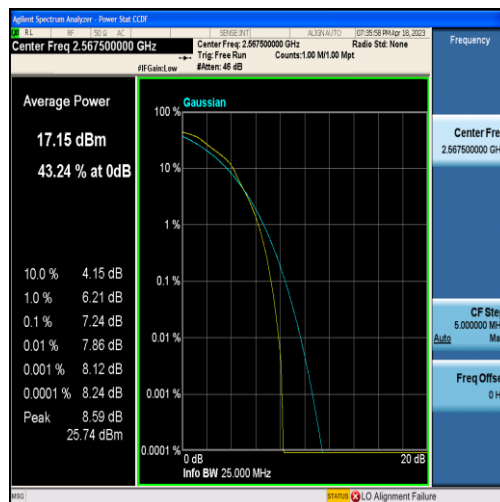
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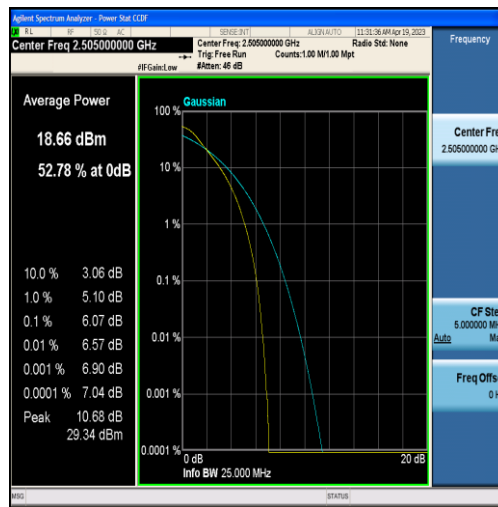
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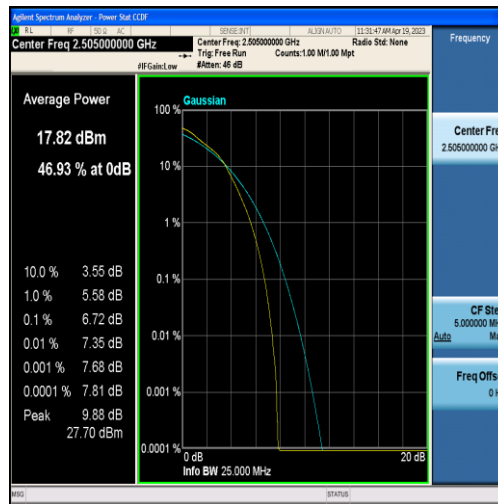
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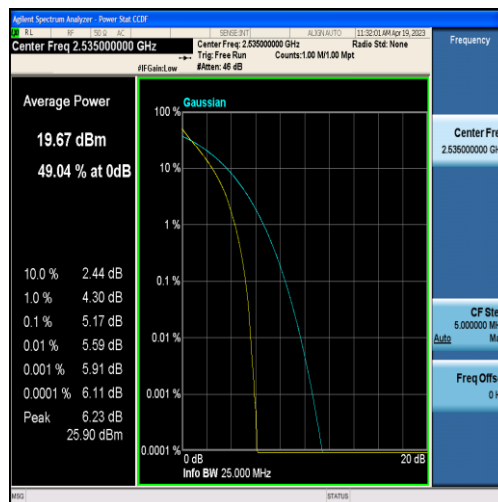
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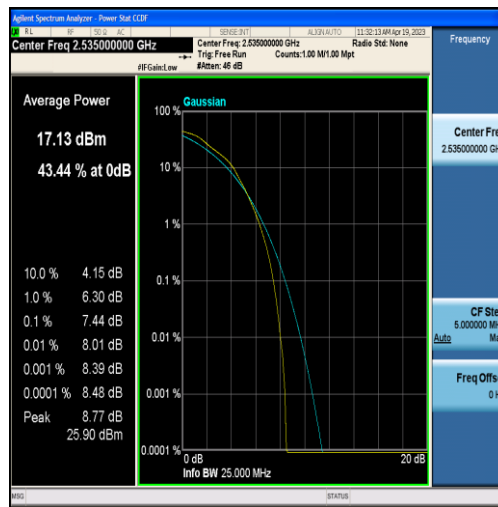
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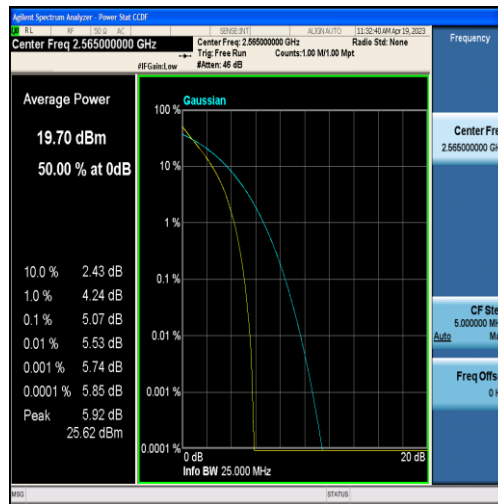
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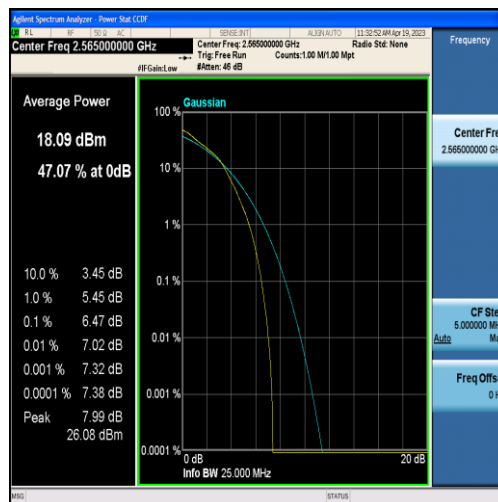
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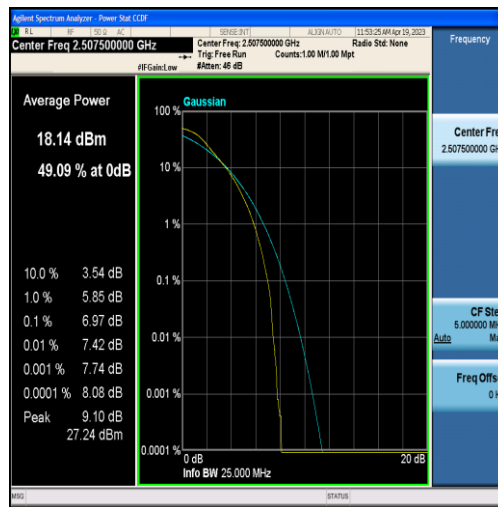
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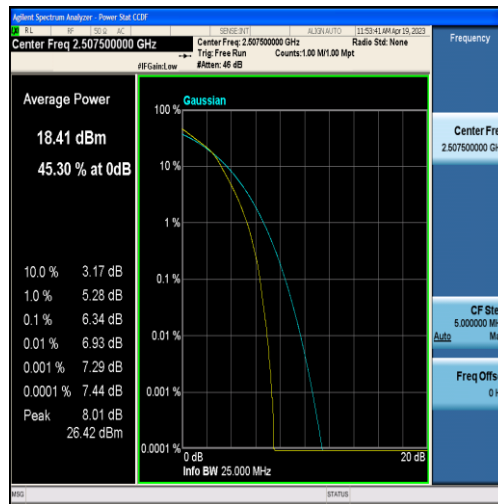
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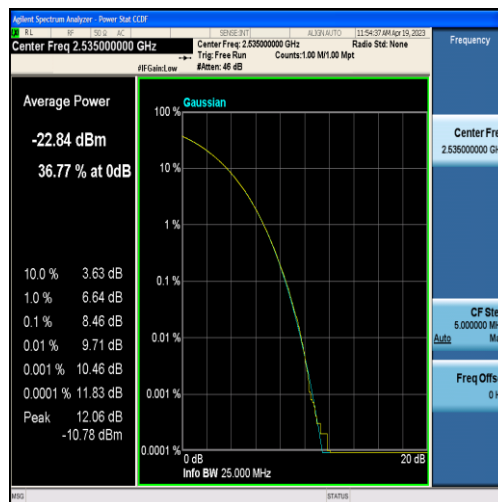
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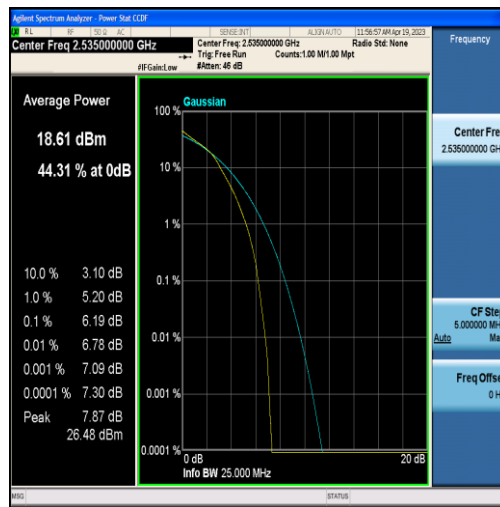
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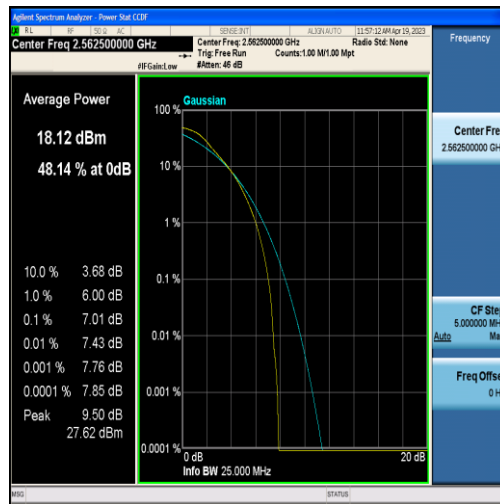
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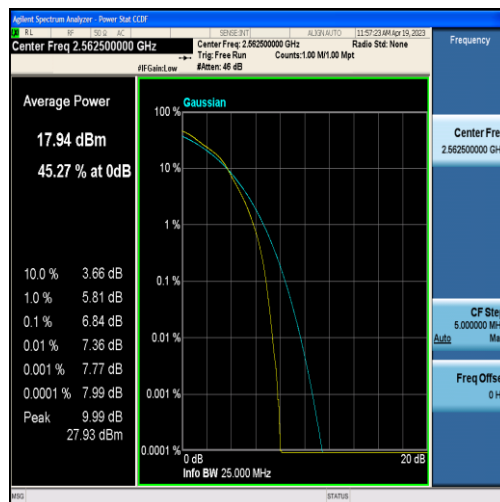
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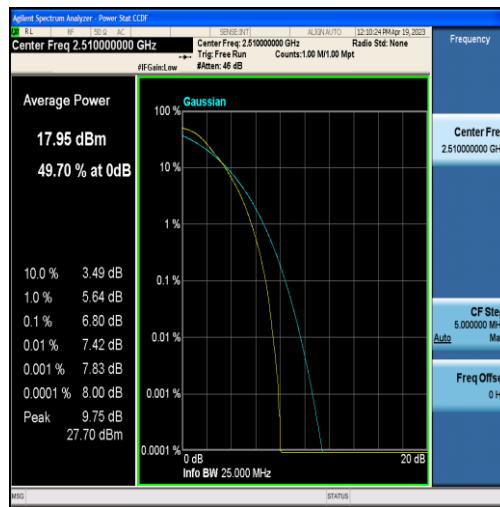
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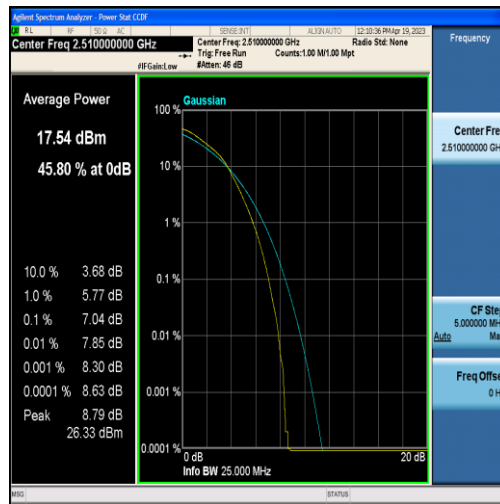
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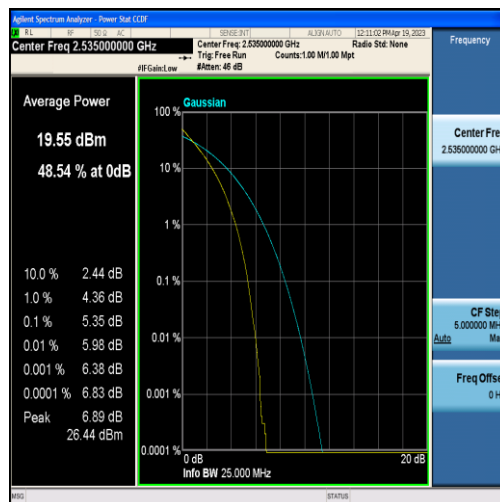
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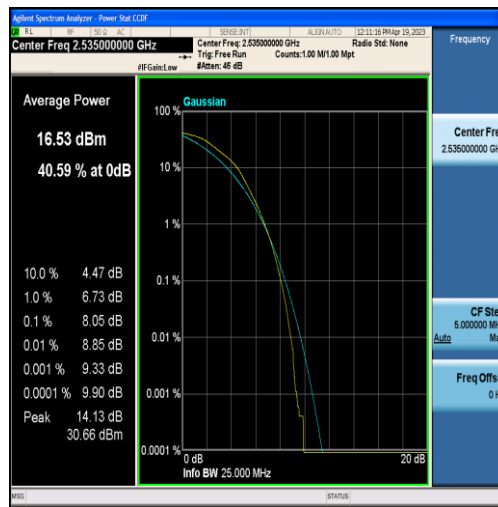
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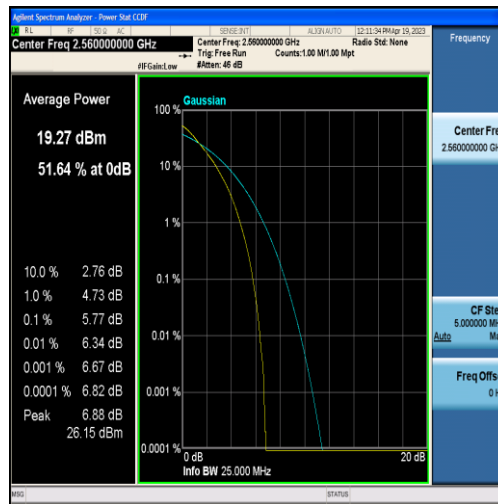
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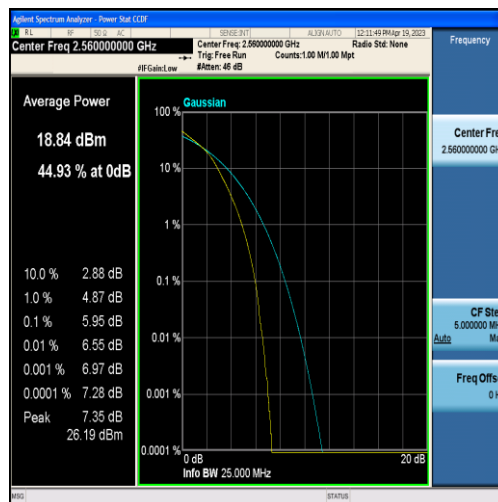
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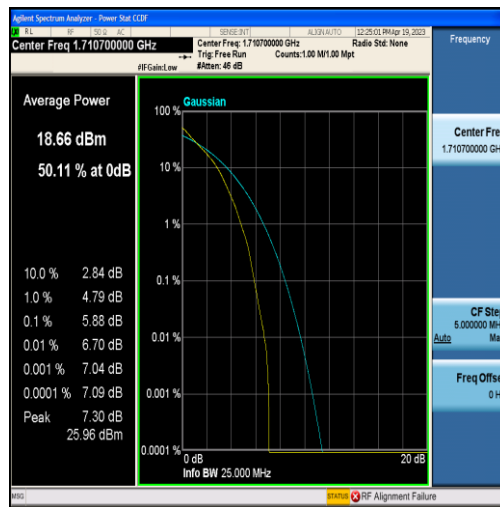
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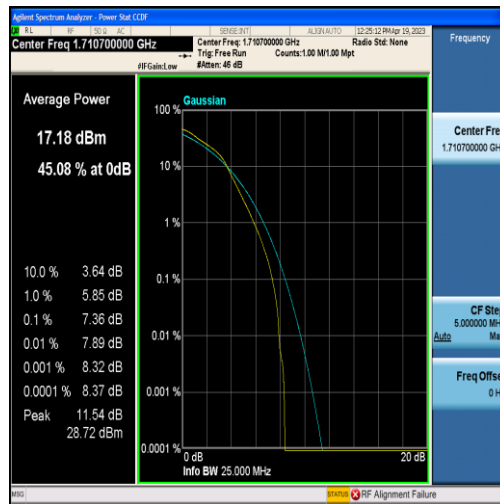
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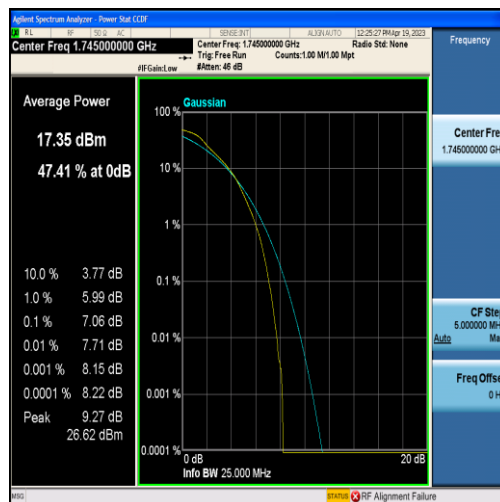
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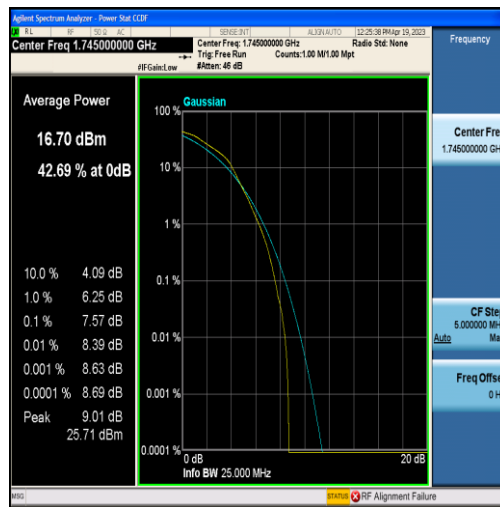
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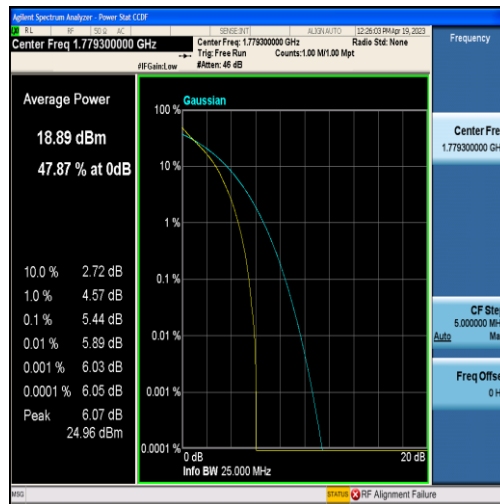
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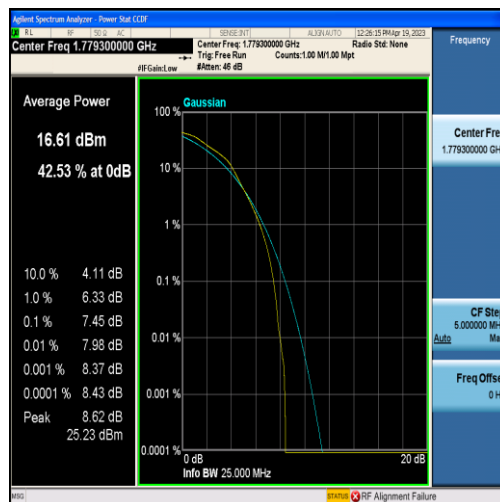
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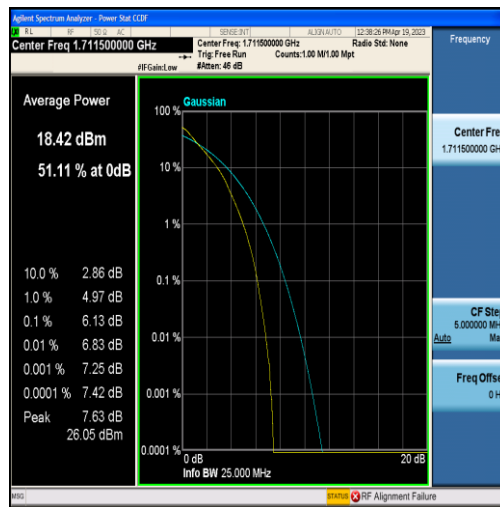
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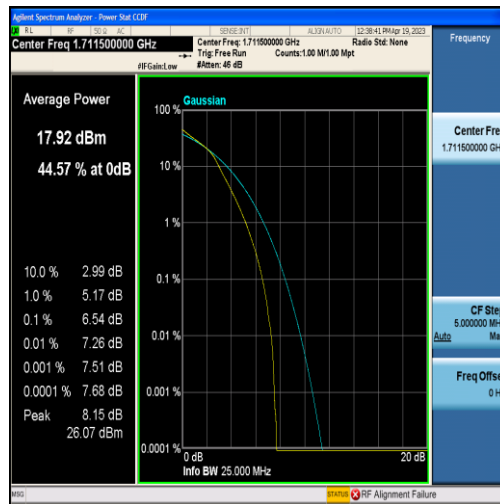
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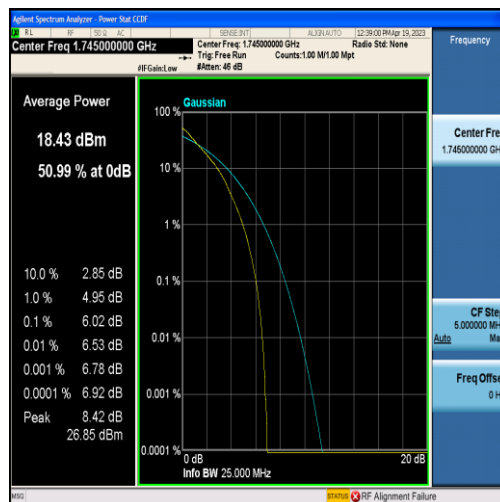
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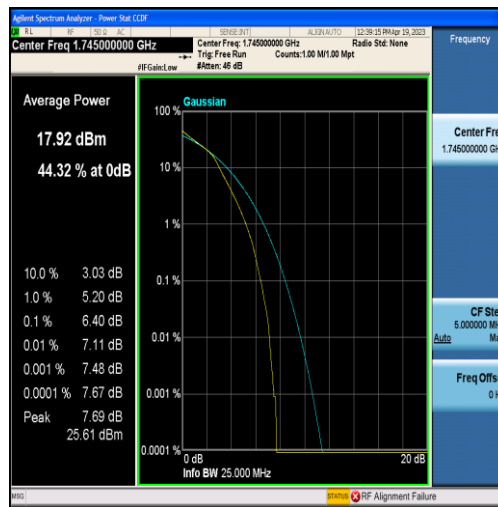
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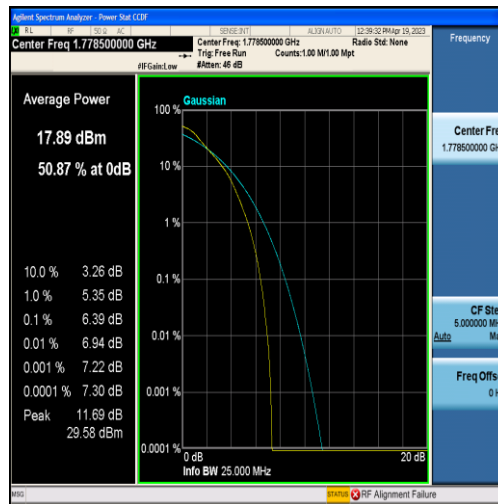
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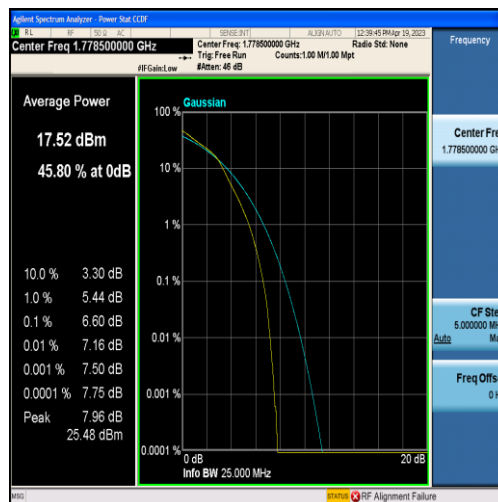
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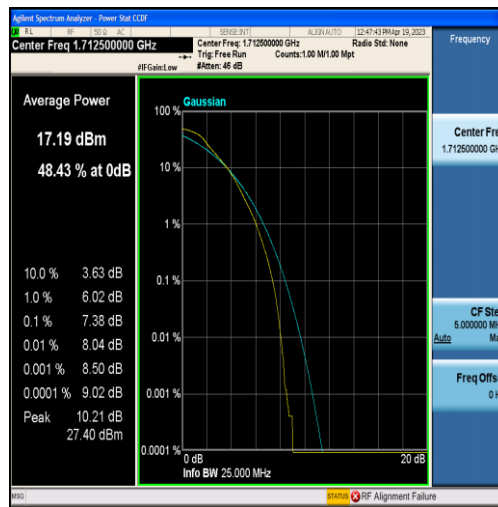
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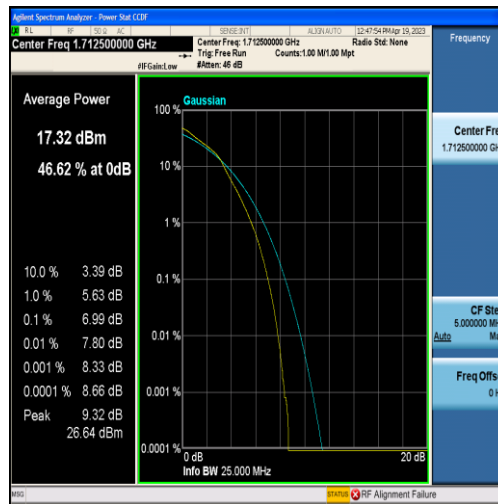
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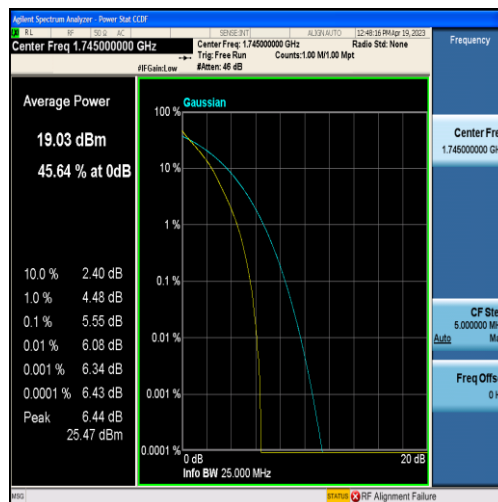
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Band66-5MHz-QPSK-131997-25RB#0



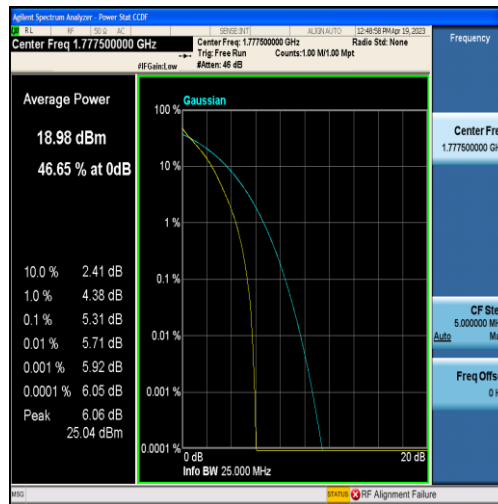
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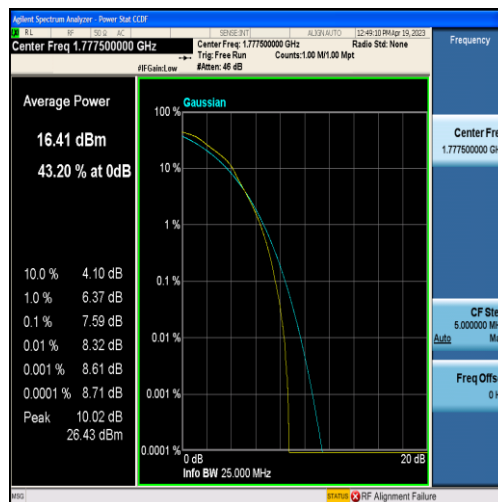
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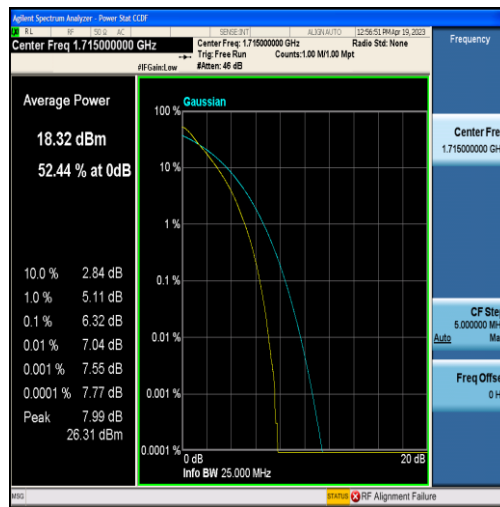
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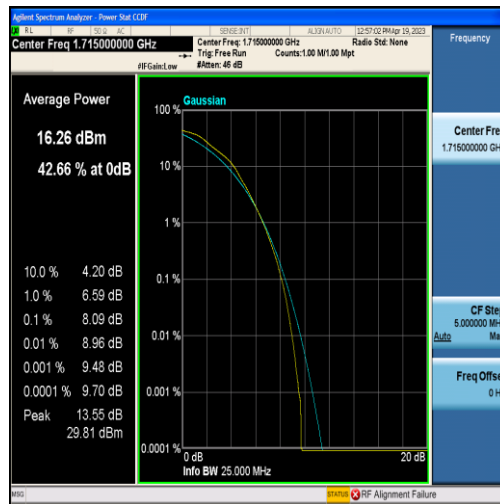
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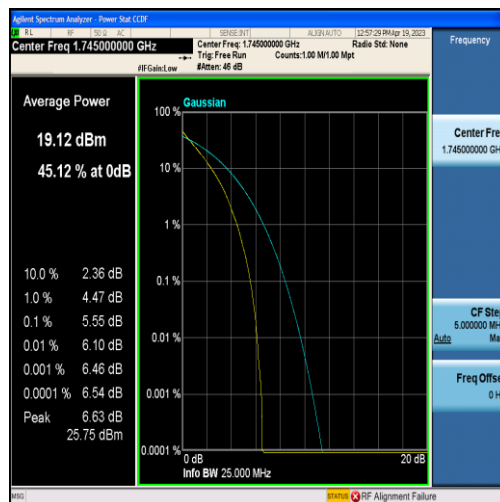
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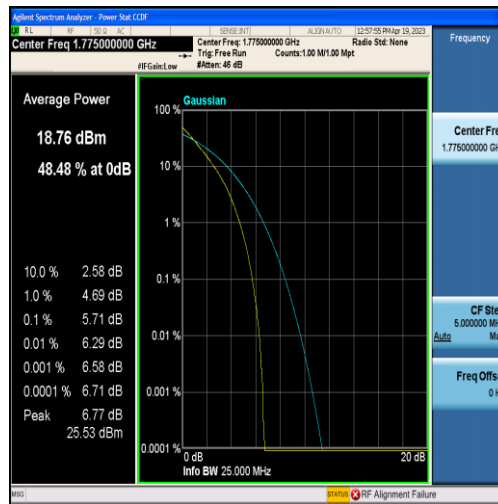
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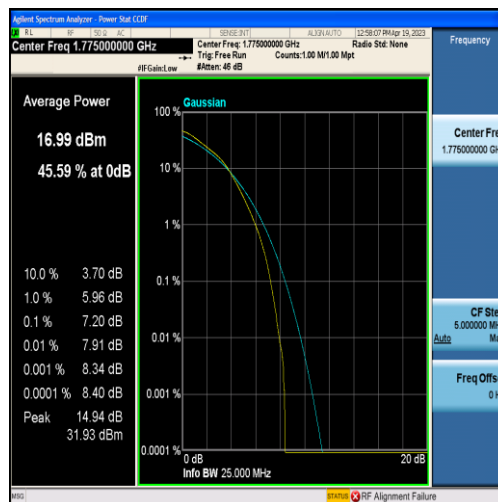
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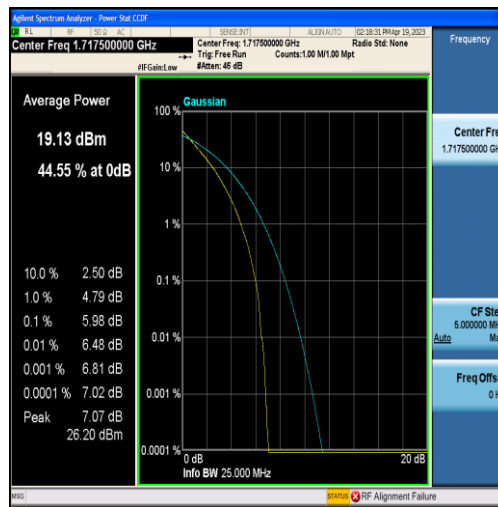
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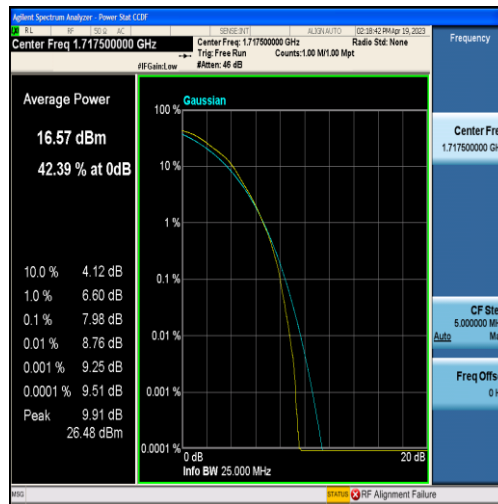
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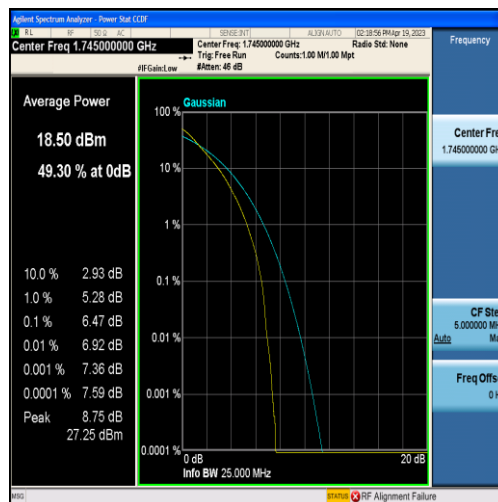
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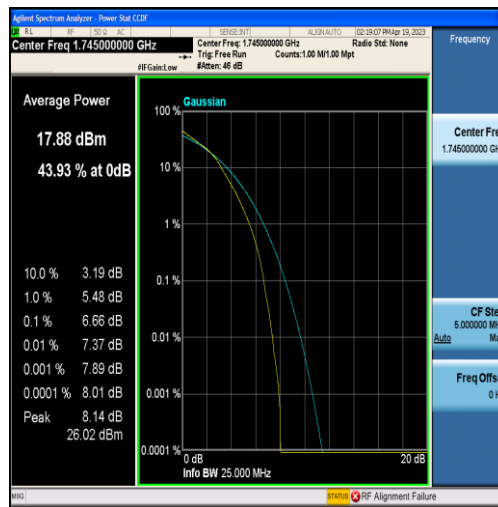
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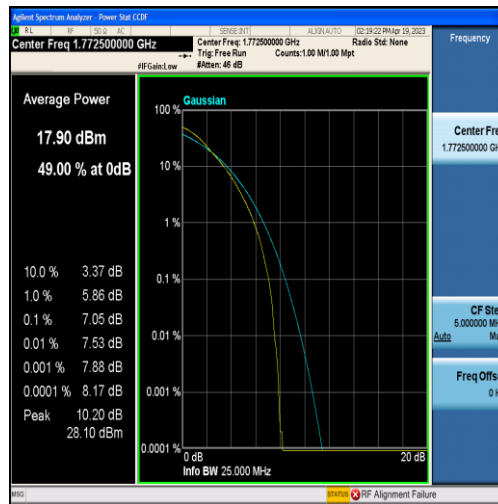
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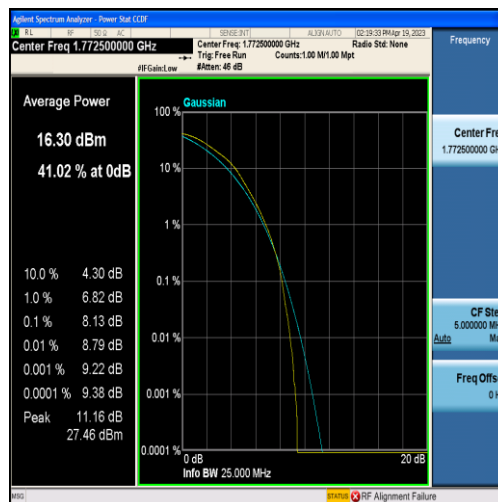
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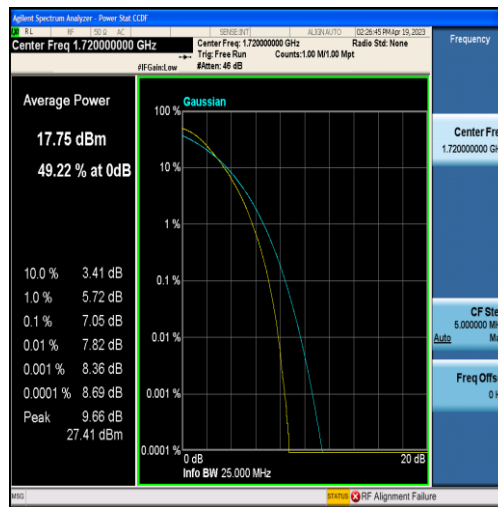
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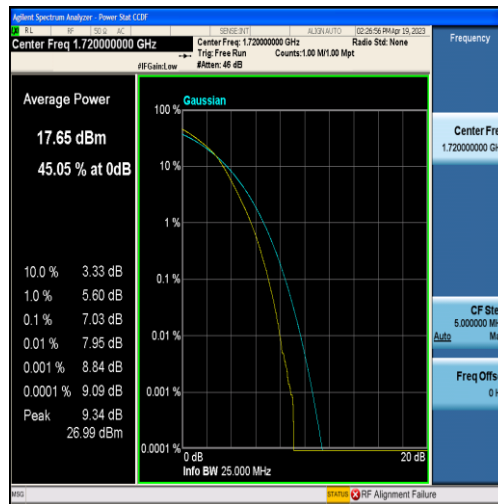
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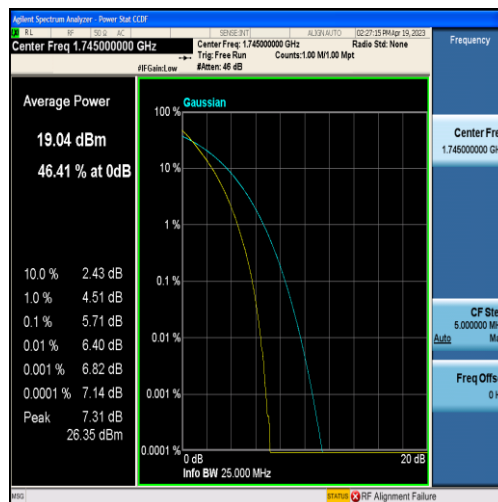
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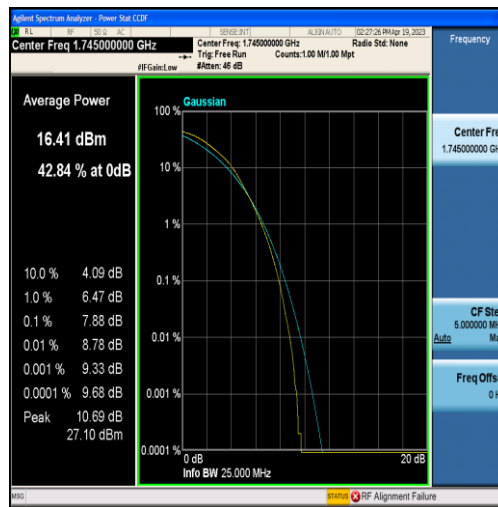
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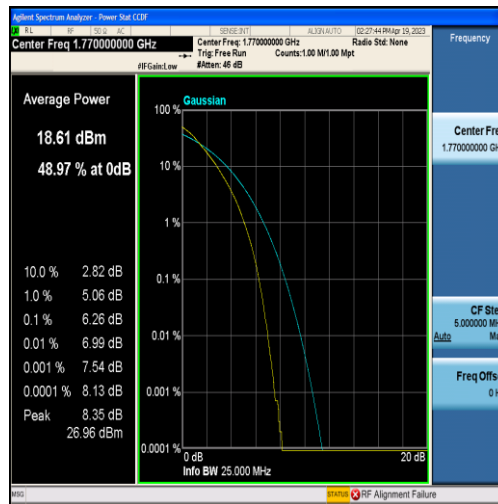
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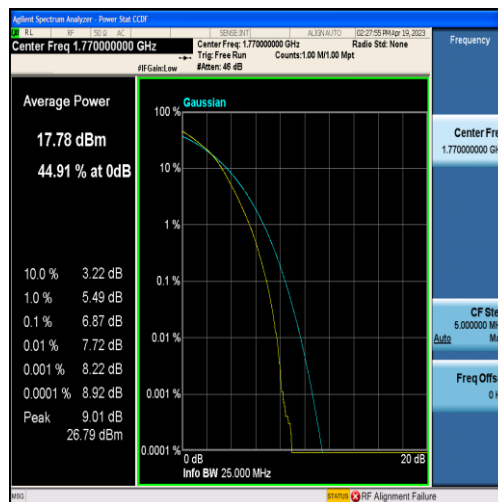
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Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132572-100RB#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	1.0899	1.281	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0968	1.307	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1007	1.298	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0940	1.278	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0876	1.263	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0968	1.318	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6906	2.912	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6815	2.890	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6842	2.900	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6853	2.914	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6853	2.885	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6813	2.923	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5067	4.952	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4851	4.899	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4868	4.910	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4920	4.941	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5029	4.939	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4847	4.895	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9950	9.805	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9835	9.744	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9793	9.749	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9883	9.717	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9852	9.809	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9906	9.775	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.469	15.28	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.443	15.57	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.482	15.17	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.485	14.51	PASS

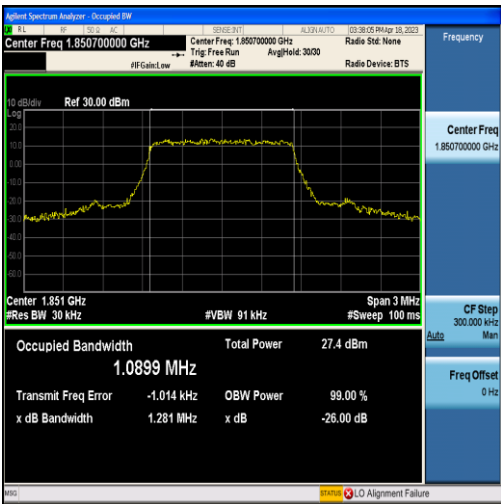
Band2	15MHz	16QAM	19125	75RB#0	13.508	14.60	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.912	19.16	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.936	19.29	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.975	19.59	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.537	14.72	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.965	19.38	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.042	19.33	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.037	19.37	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0941	1.276	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0928	1.286	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0925	1.288	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0872	1.273	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0924	1.280	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0945	1.273	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6836	2.901	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6776	2.910	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6890	2.903	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6816	2.909	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6845	2.902	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6793	2.897	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4968	4.928	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5033	5.120	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5033	4.941	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4866	4.898	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4891	5.402	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5007	5.296	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9729	9.741	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9679	9.799	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9658	9.747	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9850	9.856	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9765	9.941	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9790	9.705	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.461	14.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.451	14.50	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.467	14.76	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.494	14.61	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.413	14.60	PASS

Band4	15MHz	16QAM	20325	75RB#0	13.451	14.55	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.956	19.28	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.978	19.31	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.988	19.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.962	19.38	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.936	19.57	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.930	19.30	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0913	1.284	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0929	1.300	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0911	1.279	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0978	1.299	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0929	1.285	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0969	1.291	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6891	2.897	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6828	2.881	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6867	2.894	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6825	2.902	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6886	2.878	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6822	2.926	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5090	4.990	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4867	4.931	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5083	4.948	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4846	4.894	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4995	4.931	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4855	4.910	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9947	9.785	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9711	9.888	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9957	10.08	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9889	9.757	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9783	9.787	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9806	9.710	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5060	4.955	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4862	5.069	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4928	4.917	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5000	4.976	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4948	4.948	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5040	5.240	PASS

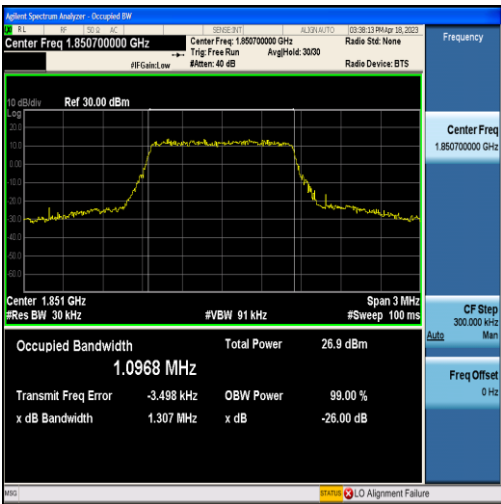
Band7	10MHz	QPSK	20800	50RB#0	8.9971	9.811	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9886	10.11	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9924	9.798	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9877	9.769	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9697	9.812	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9791	9.722	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.495	14.59	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.455	14.61	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.450	14.70	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.466	14.59	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.465	14.68	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.457	14.82	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.936	19.31	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.999	19.36	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.931	19.50	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.929	19.39	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.958	19.39	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.981	19.39	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0928	1.284	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0983	1.296	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0945	1.272	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0940	1.279	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0913	1.310	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0895	1.279	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6833	2.884	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6813	2.887	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6868	2.905	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6805	2.915	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6840	2.886	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6792	2.913	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5278	5.185	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5106	5.109	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5082	5.156	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5290	5.199	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5101	5.174	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5282	5.169	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0131	10.17	PASS

Band66	10MHz	16QAM	132022	50RB#0	8.9944	10.03	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0020	10.10	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9912	10.10	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9723	10.18	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9947	10.01	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.461	15.02	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.490	14.88	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	15.04	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.472	15.31	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.530	15.01	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.529	15.06	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.945	19.66	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.966	19.73	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.962	20.58	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.958	19.68	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.999	19.79	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.014	19.77	PASS

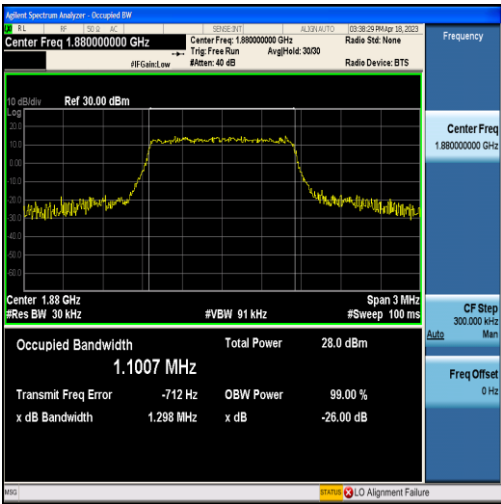
Test Graphs



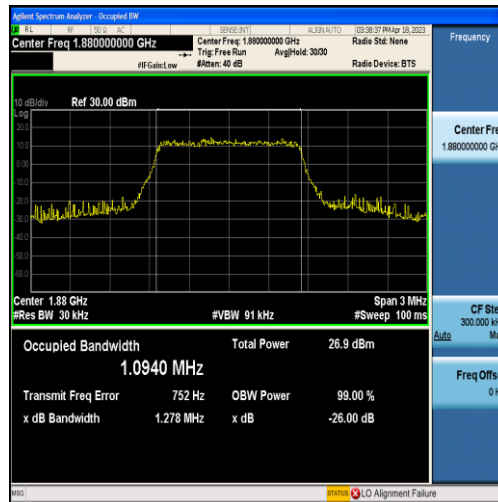
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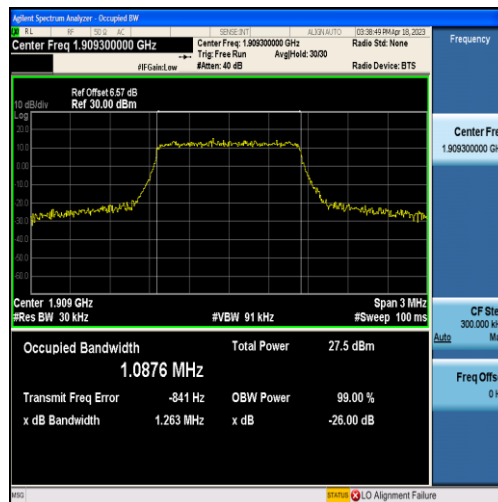
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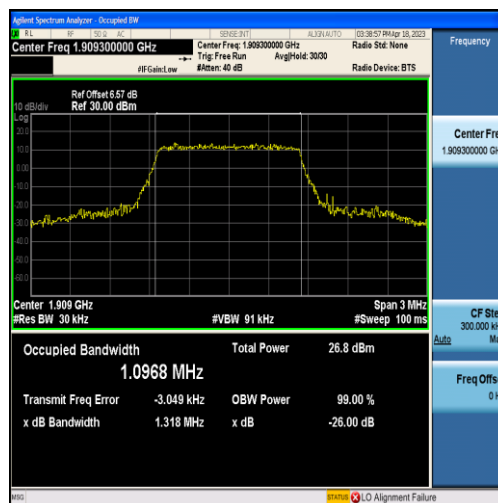
Band2-1.4MHz-QPSK-18900-6RB#0-1.1007



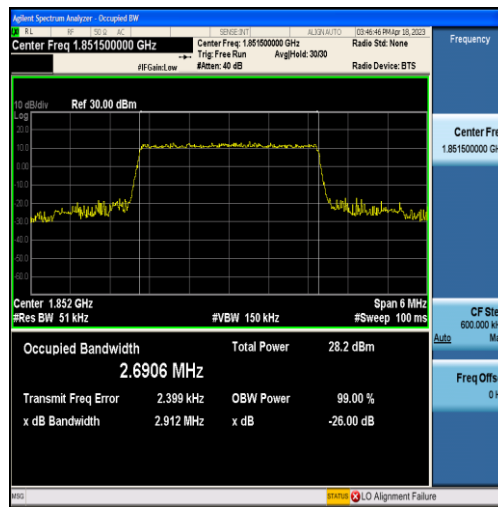
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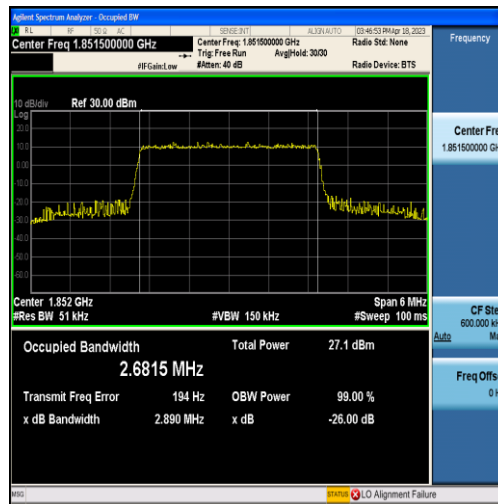
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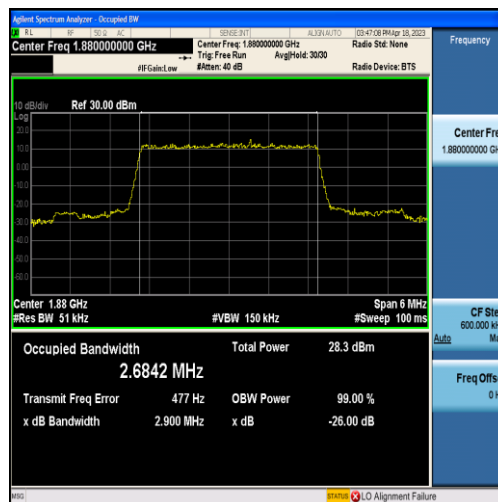
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Band2-3MHz-QPSK-18615-15RB#0-2.6906



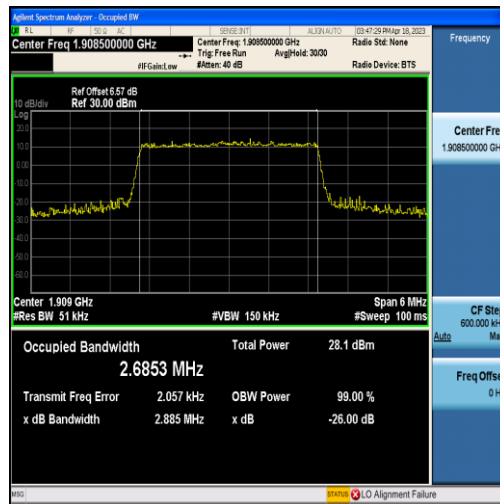
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Band2-3MHz-QPSK-18900-15RB#0-2.6842



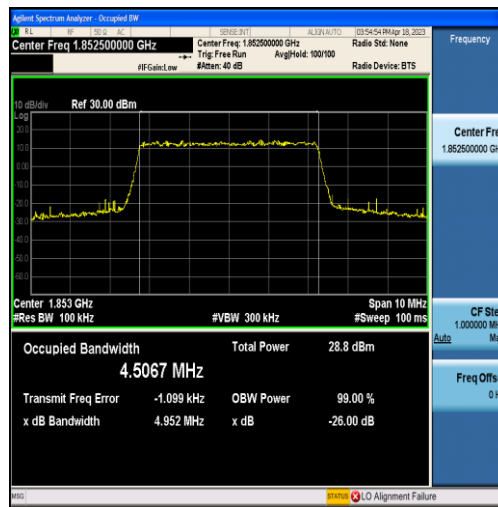
Band2-3MHz-16QAM-18900-15RB#0-2.6853



Band2-3MHz-QPSK-19185-15RB#0-2.6853



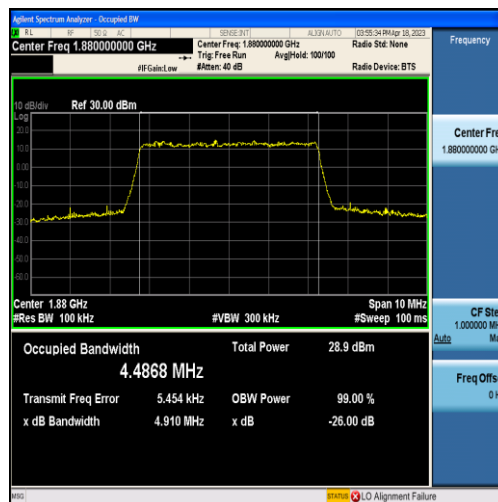
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Band2-5MHz-QPSK-18625-25RB#0-4.5067



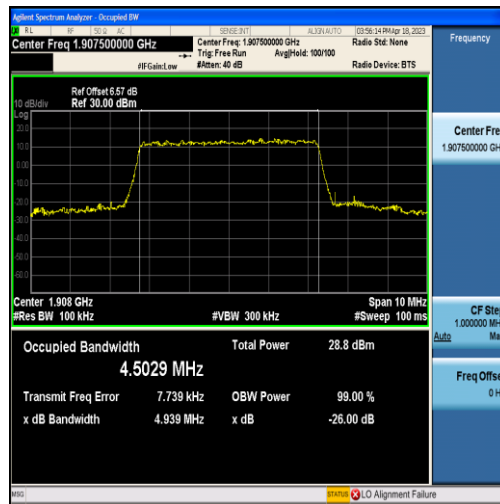
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Band2-5MHz-16QAM-18900-25RB#0-4.4920



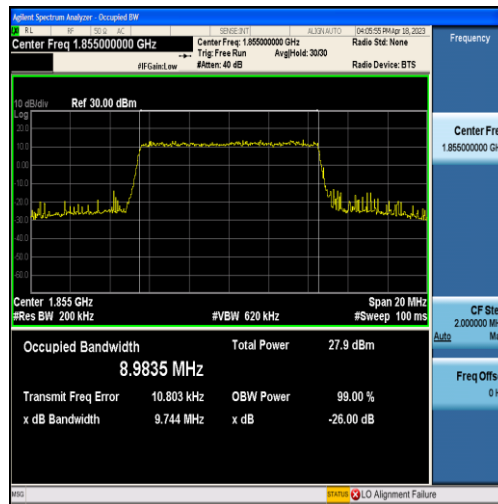
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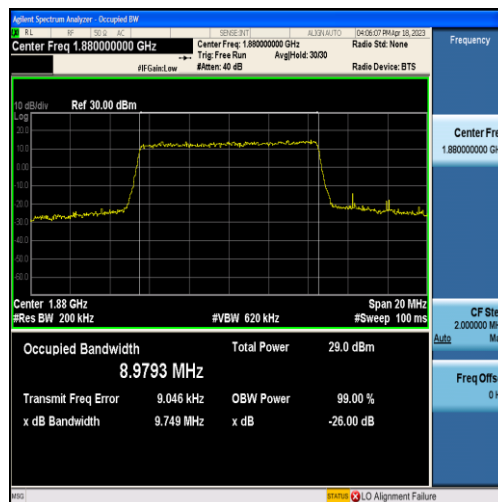
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Band2-10MHz-QPSK-18650-50RB#0-8.9950



Band2-10MHz-16QAM-18650-50RB#0-8.9835



Band2-10MHz-QPSK-18900-50RB#0-8.9793



Band2-10MHz-16QAM-18900-50RB#0-8.9883



Band2-10MHz-QPSK-19150-50RB#0-8.9852



Band2-10MHz-16QAM-19150-50RB#0-8.9906