

Appendix A. Test Result of RF Output Power

Mode					Conducted Power					EIRP Power					Limit
BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	PI/2 BPSK (dBm)	QPSK (dBm)	16-QAM (dBm)	64-QAM (dBm)	256-QAM (dBm)	PI/2 BPSK EIRP(W)	QPSK EIRP(W)	16-QAM EIRP(W)	64-QAM EIRP(W)	256-QAM EIRP(W)	Limit EIRP(W)
5	370500	1852.5	1	0	22.05	21.46	20.85	20.00	17.90	0.292	0.255	0.221	0.182	0.112	2
5	370500	1852.5	1	13	22.54	22.51	21.86	20.05	17.88	0.327	0.324	0.279	0.184	0.112	2
5	370500	1852.5	1	24	22.02	21.48	20.86	19.97	17.89	0.290	0.256	0.222	0.181	0.112	2
5	370500	1852.5	25	0	21.99	21.52	20.59	20.04	17.96	0.288	0.258	0.208	0.184	0.114	2
5	376000	1880	1	0	22.08	21.47	20.70	20.06	17.87	0.294	0.255	0.214	0.185	0.111	2
5	376000	1880	1	13	22.53	22.51	21.97	20.10	17.92	0.326	0.324	0.286	0.186	0.113	2
5	376000	1880	1	24	22.03	21.54	20.91	20.07	17.88	0.290	0.259	0.224	0.185	0.112	2
5	376000	1880	25	0	22.04	21.53	20.66	20.12	18.05	0.291	0.259	0.212	0.187	0.116	2
5	381500	1907.5	1	0	22.14	21.66	20.82	19.92	17.77	0.298	0.267	0.220	0.179	0.109	2
5	381500	1907.5	1	13	22.62	22.55	21.71	19.87	17.75	0.333	0.327	0.270	0.177	0.108	2
5	381500	1907.5	1	24	22.12	21.68	20.84	19.94	17.80	0.296	0.268	0.221	0.179	0.110	2
5	381500	1907.5	25	0	22.11	21.62	20.48	19.95	17.87	0.296	0.264	0.203	0.180	0.111	2
10	371000	1855	1	0	21.91	21.40	20.72	19.90	17.79	0.282	0.251	0.215	0.178	0.109	2
10	371000	1855	1	26	22.41	22.36	21.73	19.86	17.74	0.317	0.313	0.271	0.176	0.108	2
10	371000	1855	1	51	21.92	21.35	20.67	19.84	17.71	0.283	0.248	0.212	0.175	0.107	2
10	371000	1855	50	0	21.89	21.39	20.37	19.85	17.91	0.281	0.251	0.198	0.176	0.112	2
10	371000	1855	50	2	21.88	21.41	20.38	19.86	17.92	0.281	0.252	0.199	0.176	0.113	2
10	376000	1880	1	0	21.93	21.38	20.27	19.66	18.05	0.284	0.250	0.194	0.168	0.116	2
10	376000	1880	1	26	22.46	22.41	21.40	19.70	18.17	0.321	0.317	0.251	0.170	0.119	2
10	376000	1880	1	51	22.01	21.43	20.38	19.75	18.11	0.289	0.253	0.199	0.172	0.118	2
10	376000	1880	50	0	21.99	21.50	20.46	19.96	17.95	0.288	0.257	0.202	0.180	0.114	2
10	376000	1880	50	2	21.98	21.48	20.44	19.94	17.93	0.287	0.256	0.201	0.179	0.113	2
10	381000	1905	1	0	22.06	21.54	20.61	20.20	17.81	0.292	0.259	0.209	0.191	0.110	2
10	381000	1905	1	26	22.65	22.61	21.64	20.29	17.90	0.335	0.332	0.265	0.195	0.112	2
10	381000	1905	1	51	22.10	21.73	20.63	20.28	17.91	0.295	0.271	0.210	0.194	0.112	2
10	381000	1905	50	0	22.15	21.63	20.61	20.09	18.03	0.299	0.265	0.209	0.186	0.116	2
10	381000	1905	50	2	22.13	21.64	20.62	20.04	18.01	0.297	0.265	0.210	0.184	0.115	2

Mode					Conducted Power					EIRP Power					Limit
BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	PI/2 BPSK (dBm)	QPSK (dBm)	16-QAM (dBm)	64-QAM (dBm)	256-QAM (dBm)	PI/2 BPSK EIRP(W)	QPSK EIRP(W)	16-QAM EIRP(W)	64-QAM EIRP(W)	256-QAM EIRP(W)	Limit EIRP(W)
15	371500	1857.5	1	0	22.05	21.56	20.45	20.00	17.92	0.292	0.261	0.202	0.182	0.113	2
15	371500	1857.5	1	39	22.57	22.55	21.46	20.03	17.97	0.329	0.327	0.255	0.183	0.114	2
15	371500	1857.5	1	78	22.04	21.53	20.41	19.93	17.91	0.291	0.259	0.200	0.179	0.112	2
15	371500	1857.5	75	0	22.06	21.53	20.54	20.04	18.01	0.292	0.259	0.206	0.184	0.115	2
15	371500	1857.5	75	4	22.07	21.56	20.58	20.07	18.03	0.293	0.261	0.208	0.185	0.116	2
15	376000	1880	1	0	21.97	21.52	20.39	19.97	17.96	0.286	0.258	0.199	0.181	0.114	2
15	376000	1880	1	39	22.55	22.53	21.48	20.01	17.98	0.327	0.326	0.256	0.182	0.114	2
15	376000	1880	1	78	22.08	21.53	20.48	19.96	17.94	0.294	0.259	0.203	0.180	0.113	2
15	376000	1880	75	0	22.04	21.54	20.55	20.04	18.03	0.291	0.259	0.207	0.184	0.116	2
15	376000	1880	75	4	22.05	21.57	20.52	20.06	18.01	0.292	0.261	0.205	0.185	0.115	2
15	380500	1902.5	1	0	22.02	21.53	20.43	19.98	17.95	0.290	0.259	0.201	0.181	0.114	2
15	380500	1902.5	1	39	22.53	22.45	21.46	20.01	17.98	0.326	0.320	0.255	0.182	0.114	2
15	380500	1902.5	1	78	22.06	21.66	20.55	20.04	18.07	0.292	0.267	0.207	0.184	0.117	2
15	380500	1902.5	75	0	22.08	21.61	20.62	20.08	18.04	0.294	0.264	0.210	0.185	0.116	2
15	380500	1902.5	75	4	22.06	21.60	20.57	20.06	18.05	0.292	0.263	0.207	0.185	0.116	2
20	372000	1860	1	0	22.04	21.52	20.45	20.00	17.94	0.291	0.258	0.202	0.182	0.113	2
20	372000	1860	1	53	22.73	22.70	21.51	19.95	17.95	0.341	0.339	0.258	0.180	0.114	2
20	372000	1860	1	105	22.05	21.54	20.39	19.98	18.01	0.292	0.259	0.199	0.181	0.115	2
20	372000	1860	100	0	22.02	21.55	20.48	20.01	17.96	0.290	0.260	0.203	0.182	0.114	2
20	372000	1860	100	6	22.03	21.52	20.52	20.03	18.00	0.290	0.258	0.205	0.183	0.115	2
20	376000	1880	1	0	22.09	21.58	20.28	20.00	17.98	0.294	0.262	0.194	0.182	0.114	2
20	376000	1880	1	53	22.76	22.71	21.32	20.02	17.99	0.344	0.340	0.247	0.183	0.115	2
20	376000	1880	1	105	22.10	21.57	20.29	19.98	17.95	0.295	0.261	0.195	0.181	0.114	2
20	376000	1880	100	0	22.11	21.63	20.59	20.10	18.08	0.296	0.265	0.208	0.186	0.117	2
20	376000	1880	100	6	22.14	21.61	20.57	20.11	18.06	0.298	0.264	0.207	0.187	0.116	2
20	380000	1900	1	0	22.06	21.49	20.29	19.92	17.89	0.292	0.256	0.195	0.179	0.112	2
20	380000	1900	1	53	22.75	22.66	21.59	20.07	18.09	0.343	0.336	0.262	0.185	0.117	2
20	380000	1900	1	105	22.10	21.63	20.55	20.05	18.08	0.295	0.265	0.207	0.184	0.117	2
20	380000	1900	100	0	22.08	21.64	20.58	20.03	18.02	0.294	0.265	0.208	0.183	0.115	2
20	380000	1900	100	6	22.12	21.59	20.54	20.05	18.00	0.296	0.262	0.206	0.184	0.115	2

Note:

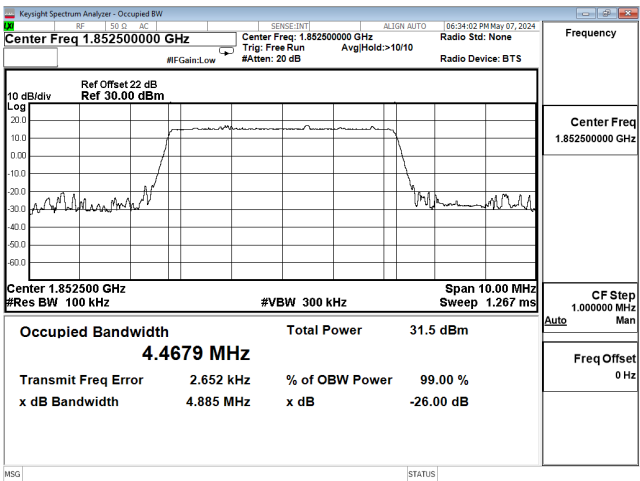
1. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

2. EIRP (W) = $(10^{(\text{Power(dBm)}/10)}) \times 10^{-3}$

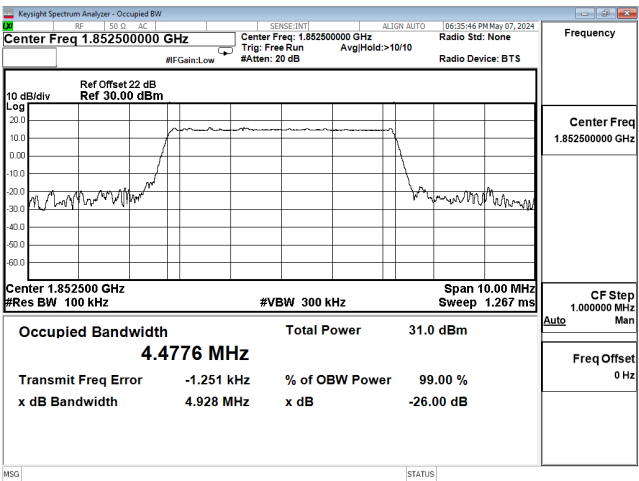
Appendix B. Test Result of Occupied Bandwidth

Bandwidth (MHz)	Modulation	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
				26dB BW	99% BW	
5	$\pi/2$ -BPSK	370500	1852.5	4.468	4.885	N/A
		376000	1880	4.471	4.885	N/A
		381500	1907.5	4.477	4.932	N/A
	QPSK	370500	1852.5	4.478	4.928	N/A
		376000	1880	4.507	4.944	N/A
		381500	1907.5	4.514	4.935	N/A
	16-QAM	370500	1852.5	4.492	4.906	N/A
		376000	1880	4.474	4.920	N/A
		381500	1907.5	4.498	4.920	N/A
	64-QAM	370500	1852.5	4.488	4.918	N/A
		376000	1880	4.511	4.932	N/A
		381500	1907.5	4.485	4.870	N/A
	256-QAM	370500	1852.5	4.479	4.924	N/A
		376000	1880	4.473	4.913	N/A
		381500	1907.5	4.487	4.912	N/A
10	$\pi/2$ -BPSK	371000	1855	9.070	9.707	N/A
		376000	1880	9.072	9.666	N/A
		381000	1905	9.049	9.673	N/A
	QPSK	371000	1855	9.056	9.693	N/A
		376000	1880	9.043	9.707	N/A
		381000	1905	9.043	9.699	N/A
	16-QAM	371000	1855	9.065	9.667	N/A
		376000	1880	9.054	9.744	N/A
		381000	1905	9.054	9.740	N/A
	64-QAM	371000	1855	9.022	9.751	N/A
		376000	1880	9.032	9.776	N/A
		381000	1905	9.040	9.709	N/A
	256-QAM	371000	1855	9.043	9.735	N/A
		376000	1880	9.054	9.747	N/A
		381000	1905	9.050	9.749	N/A

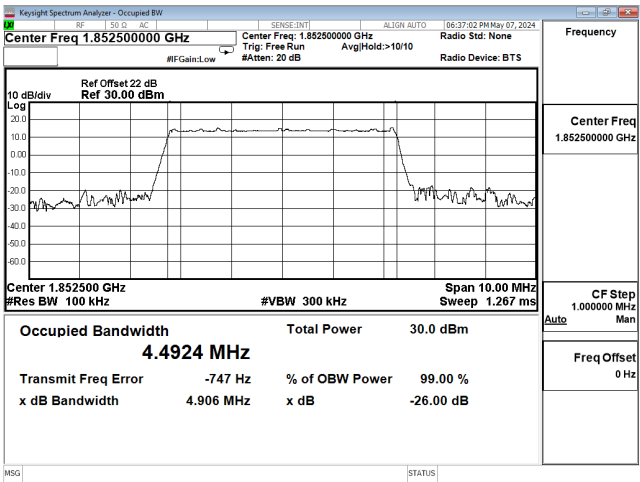
Bandwidth (MHz)	Modulation	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
				26dB BW	99% BW	
15	pi/2 BPSK	371500	1857.5	13.476	14.290	N/A
		376000	1880	13.488	14.300	N/A
		380500	1902.5	13.495	14.310	N/A
	QPSK	371500	1857.5	13.470	14.270	N/A
		376000	1880	13.499	14.320	N/A
		380500	1902.5	13.467	14.280	N/A
	16-QAM	371500	1857.5	13.443	14.250	N/A
		376000	1880	13.471	14.320	N/A
		380500	1902.5	13.444	14.240	N/A
	64-QAM	371500	1857.5	13.414	14.300	N/A
		376000	1880	13.440	14.270	N/A
		380500	1902.5	13.424	14.290	N/A
	256QAM	371500	1857.5	13.457	14.260	N/A
		376000	1880	13.481	14.340	N/A
		380500	1902.5	13.469	14.270	N/A
20	$\pi/2$ -BPSK	372000	1860	18.480	20.190	N/A
		376000	1880	18.535	20.240	N/A
		380000	1900	18.486	20.230	N/A
	QPSK	372000	1860	18.491	20.260	N/A
		376000	1880	18.559	20.280	N/A
		380000	1900	18.534	20.280	N/A
	16-QAM	372000	1860	18.485	20.240	N/A
		376000	1880	18.530	20.320	N/A
		380000	1900	18.481	20.250	N/A
	64-QAM	372000	1860	18.445	20.260	N/A
		376000	1880	18.494	20.280	N/A
		380000	1900	18.439	20.250	N/A
	256-QAM	372000	1860	18.514	20.290	N/A
		376000	1880	18.558	20.320	N/A
		380000	1900	18.510	20.280	N/A



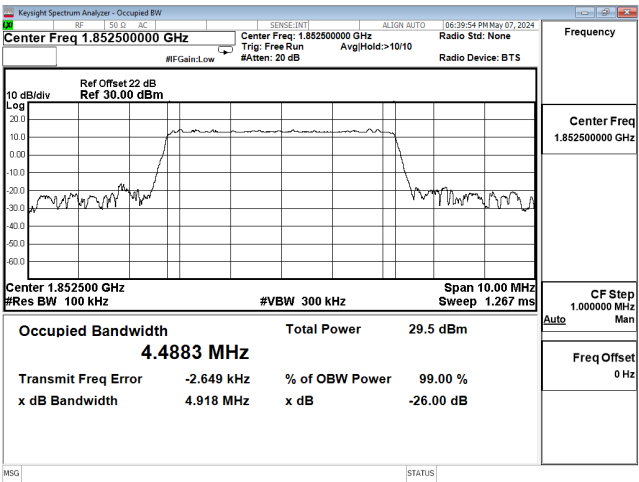
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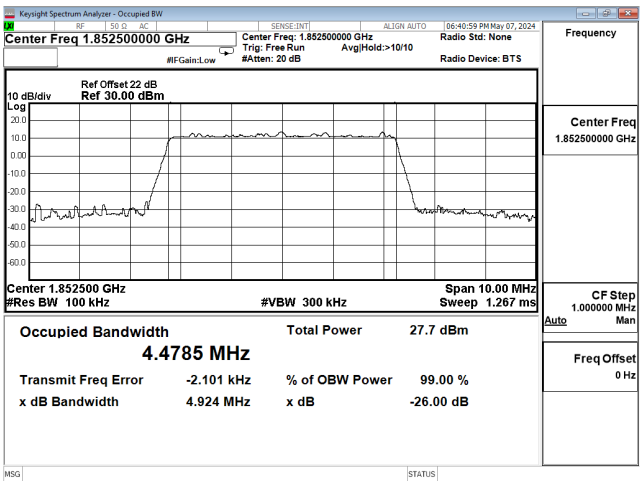
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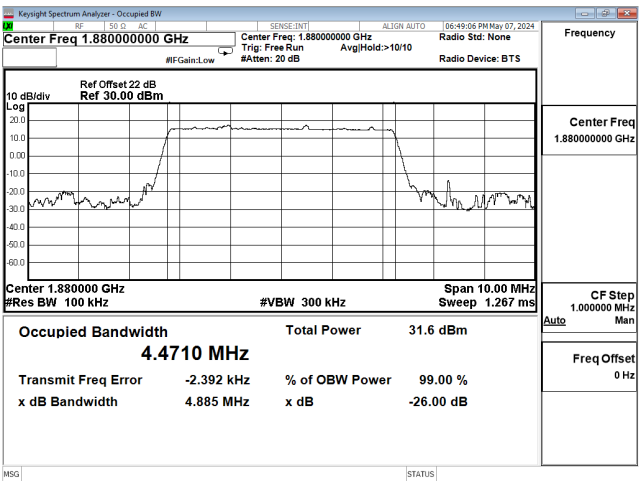
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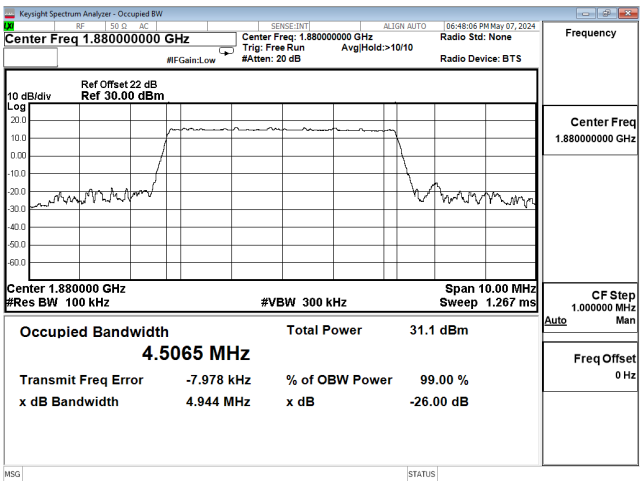
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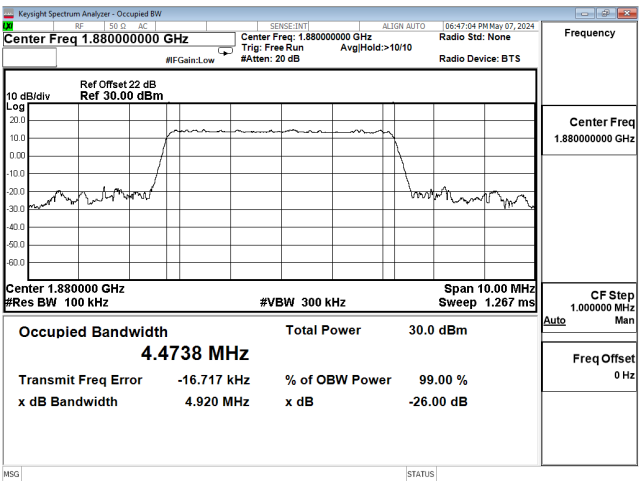
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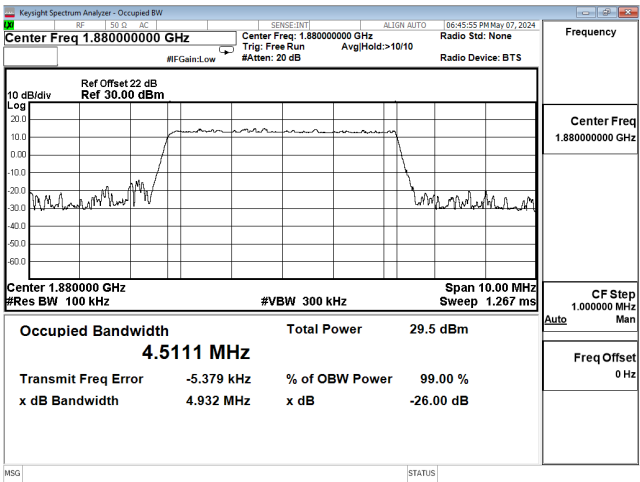
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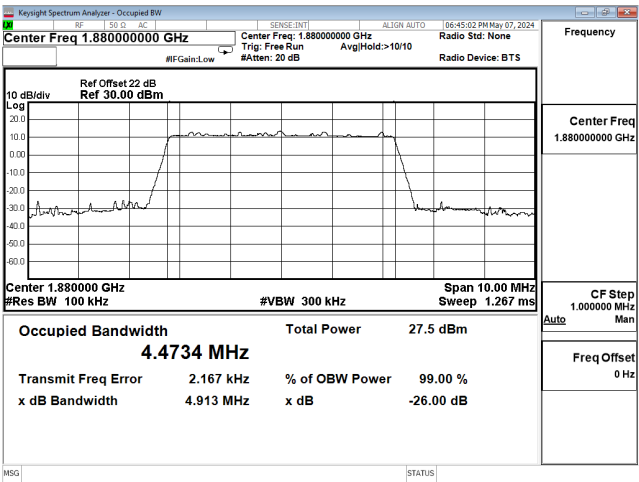
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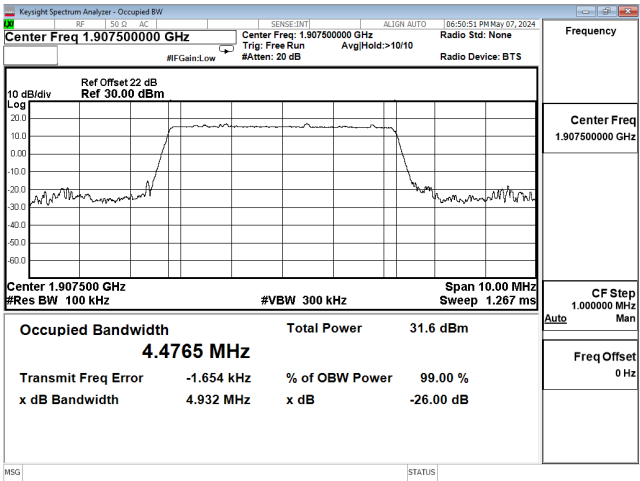
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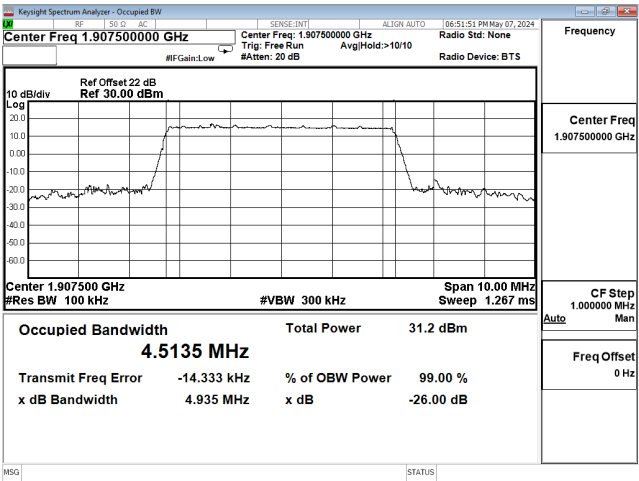
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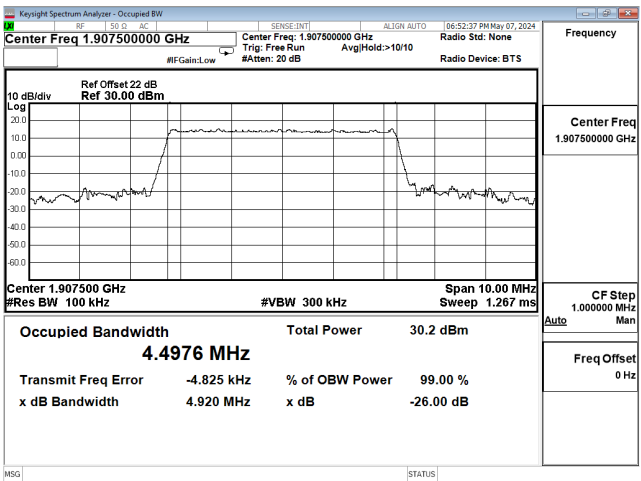
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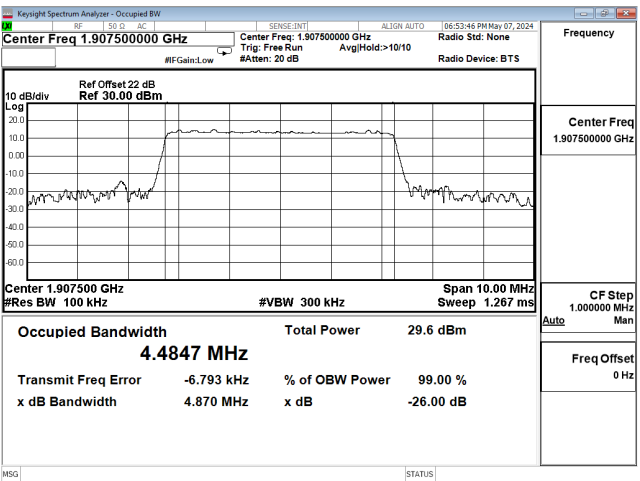
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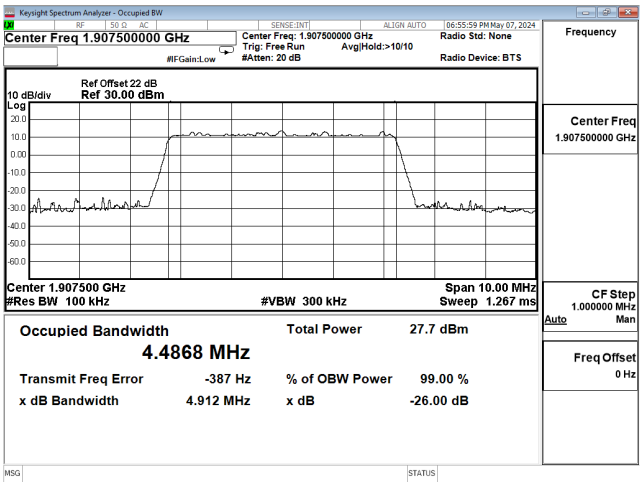
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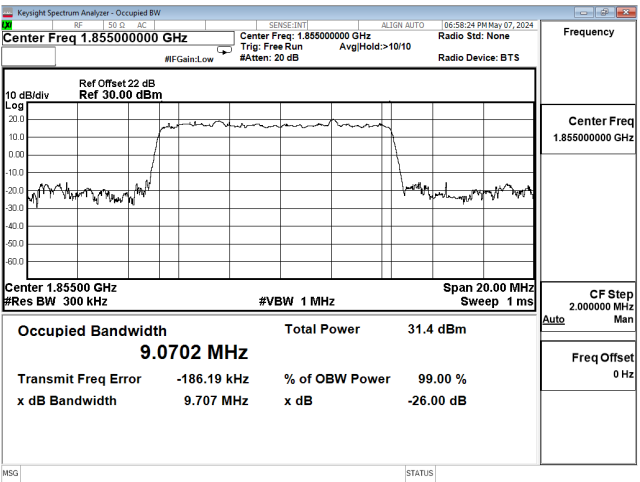
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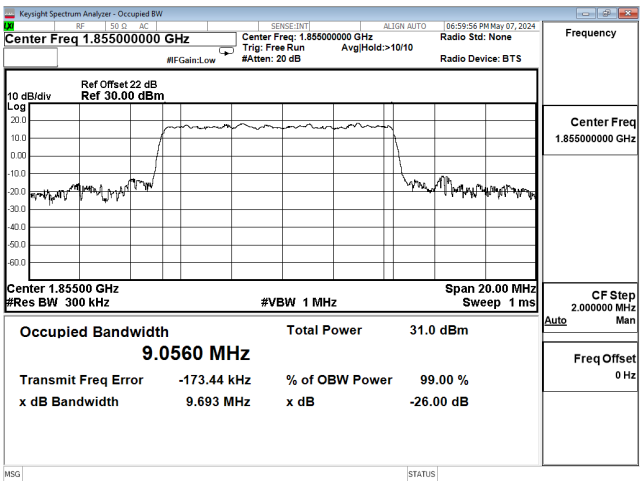
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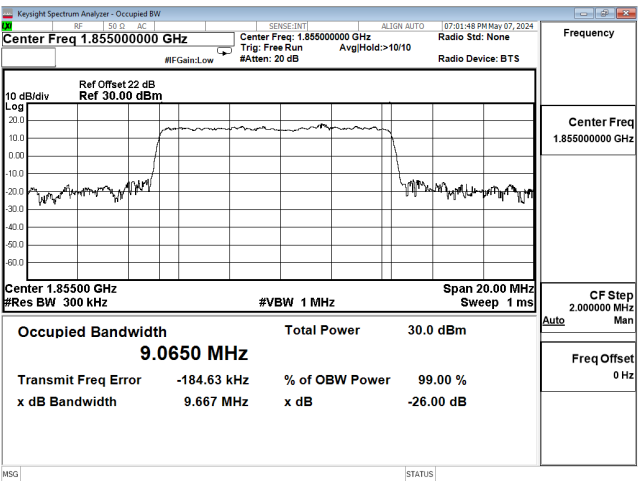
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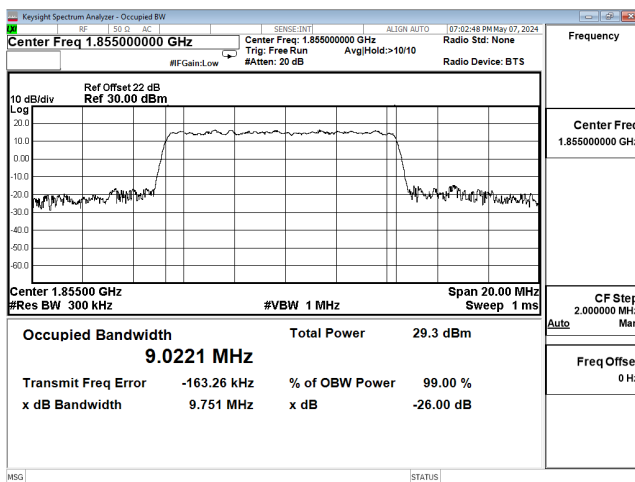
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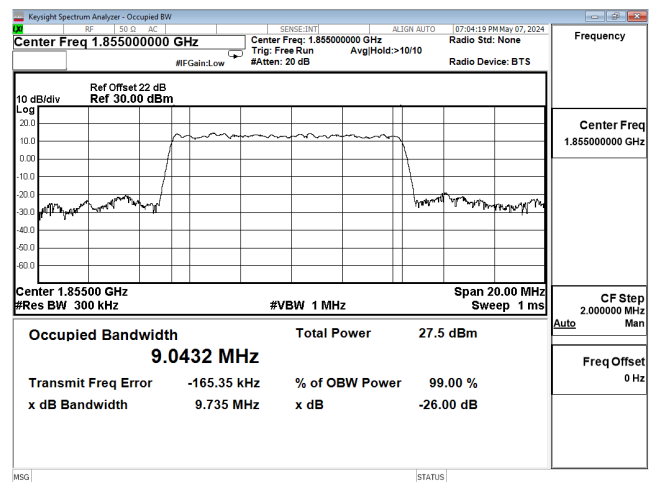
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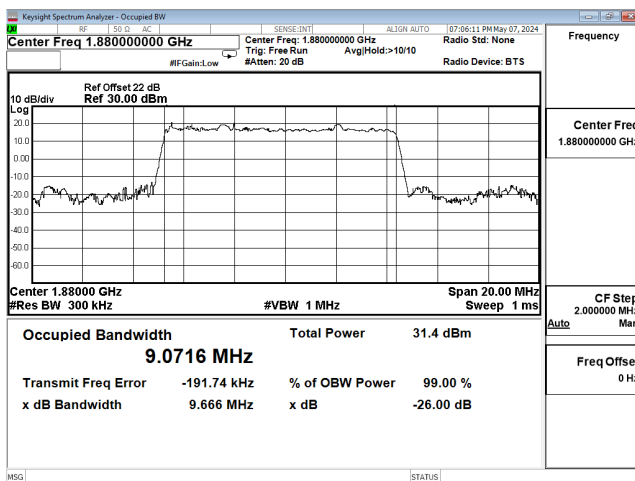
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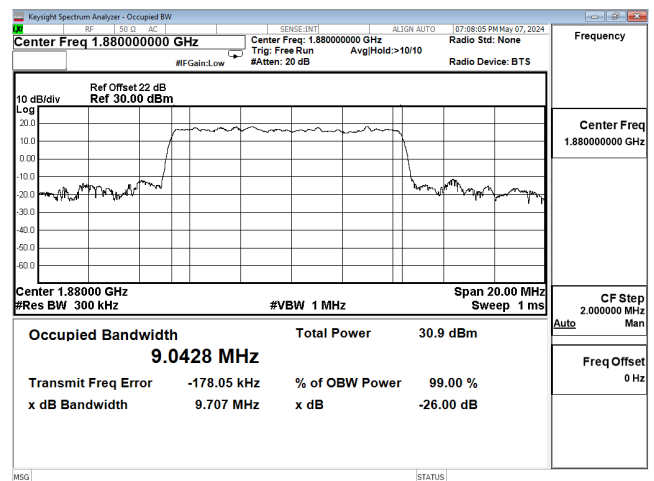
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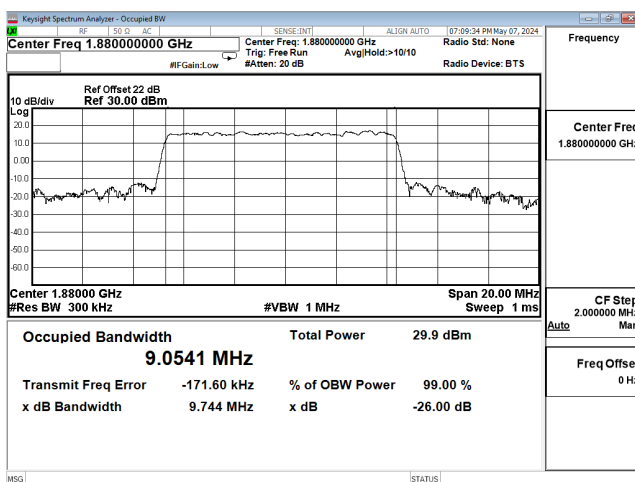
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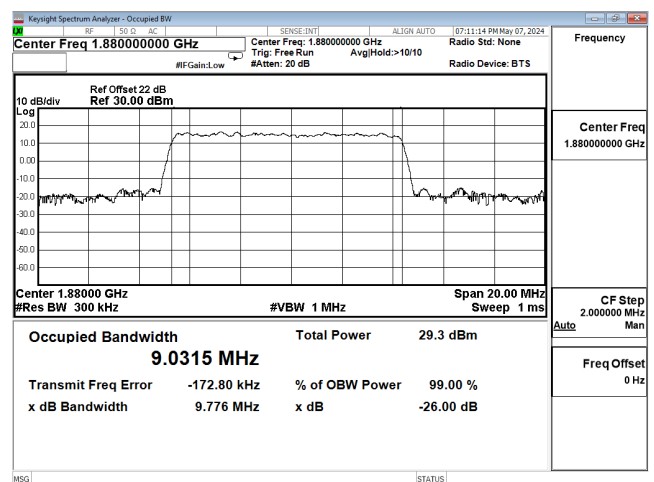
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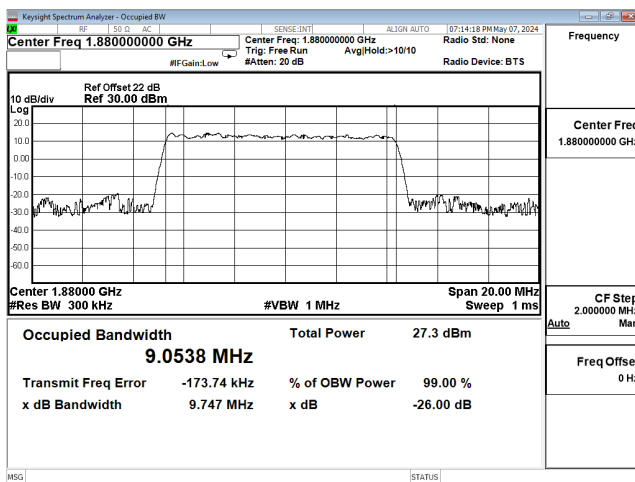
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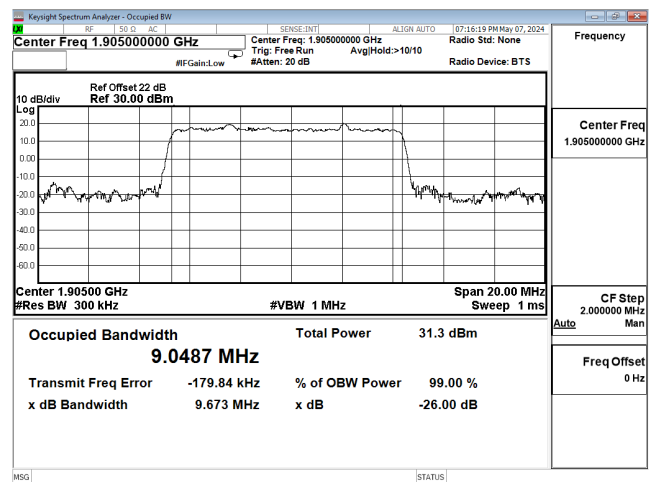
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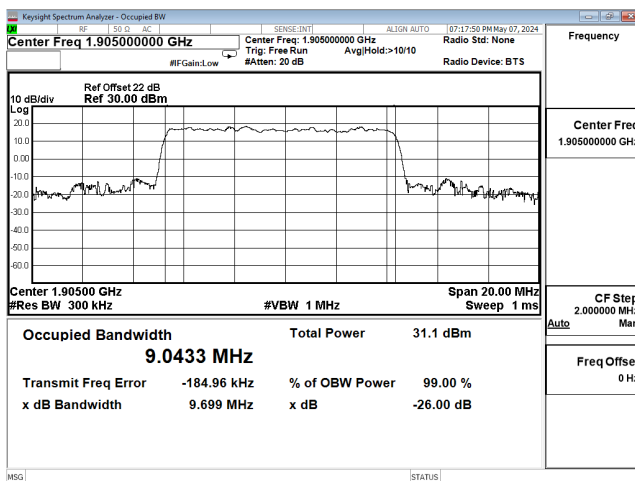
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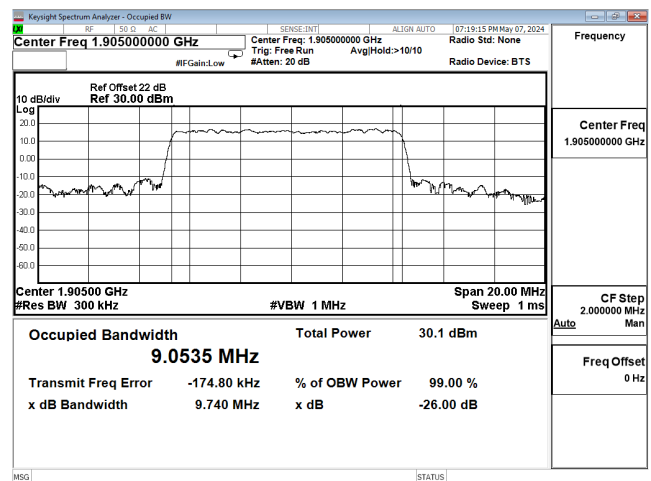
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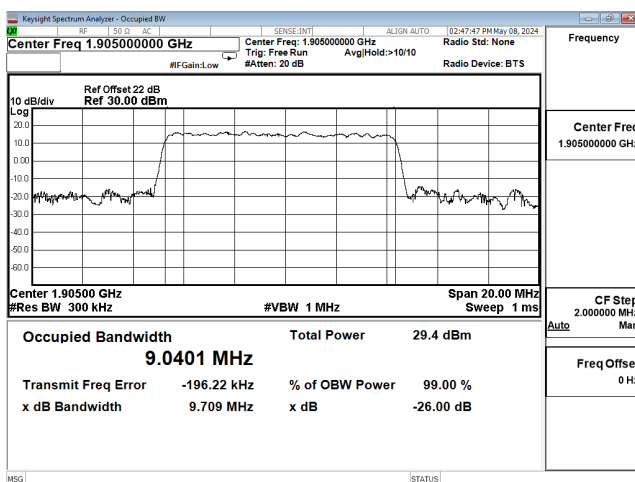
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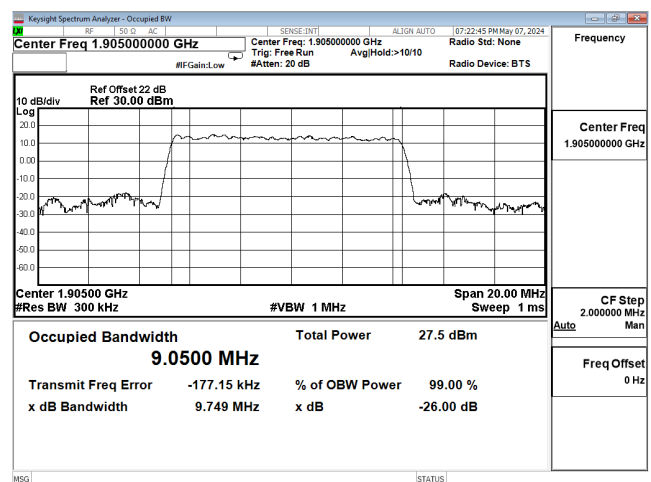
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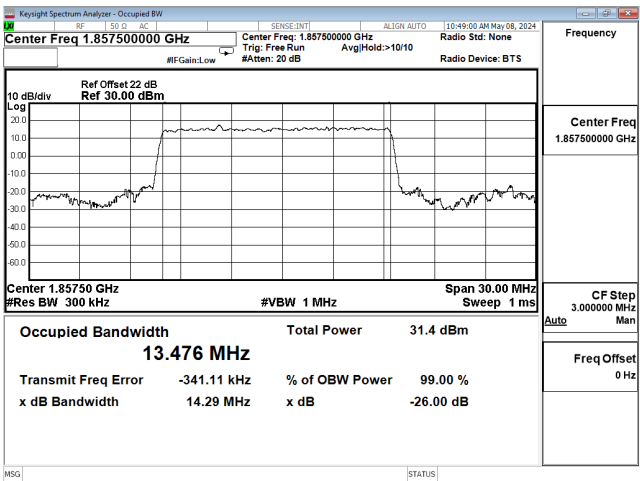
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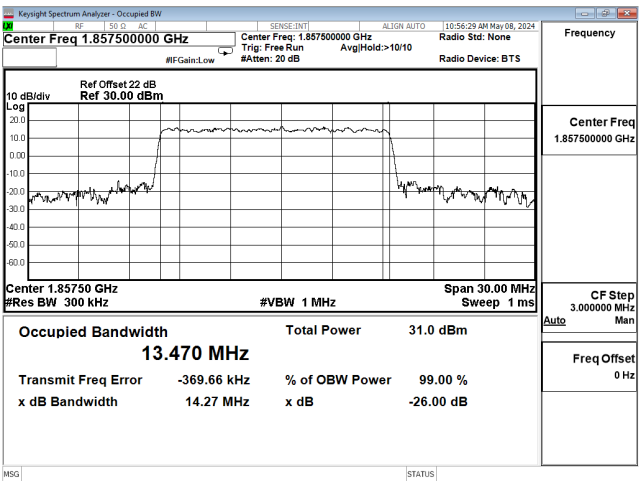
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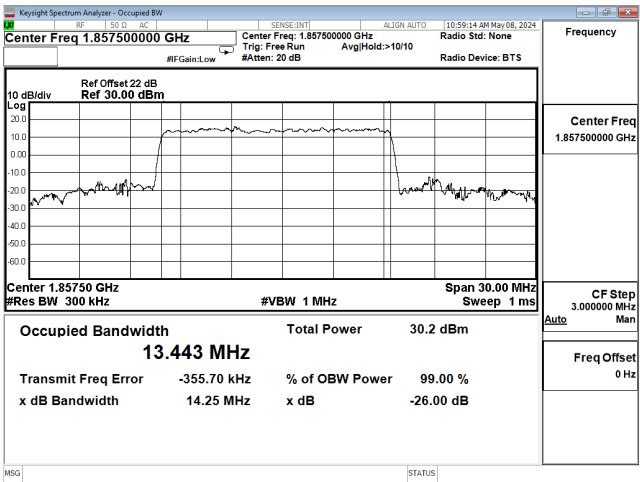
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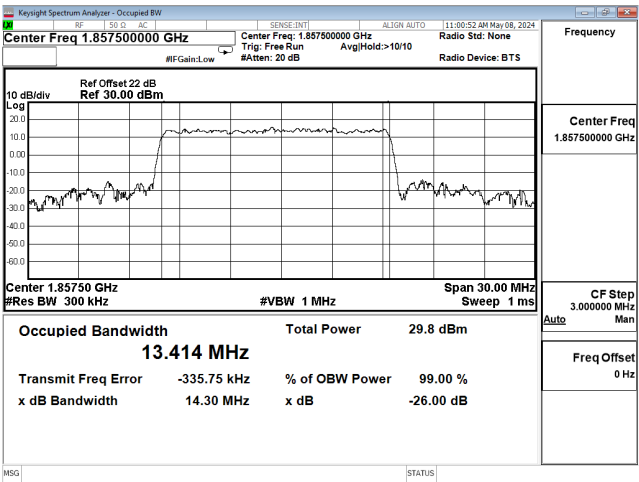
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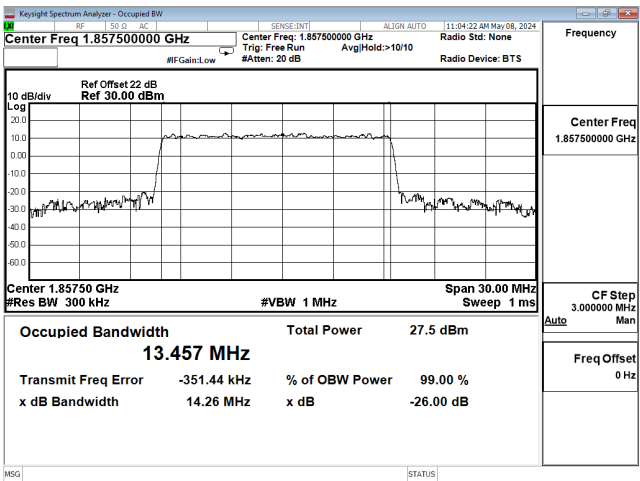
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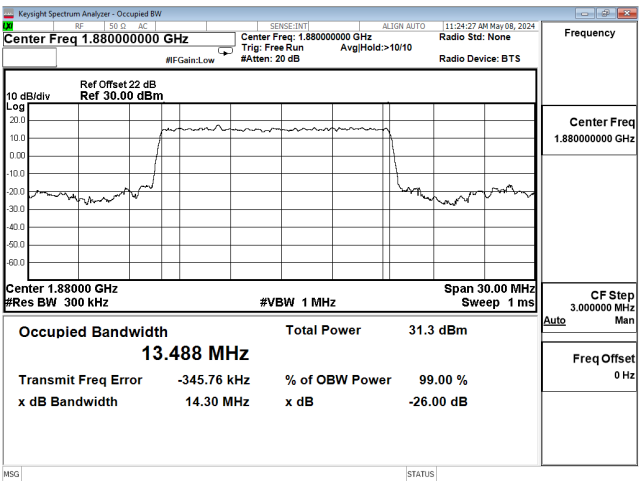
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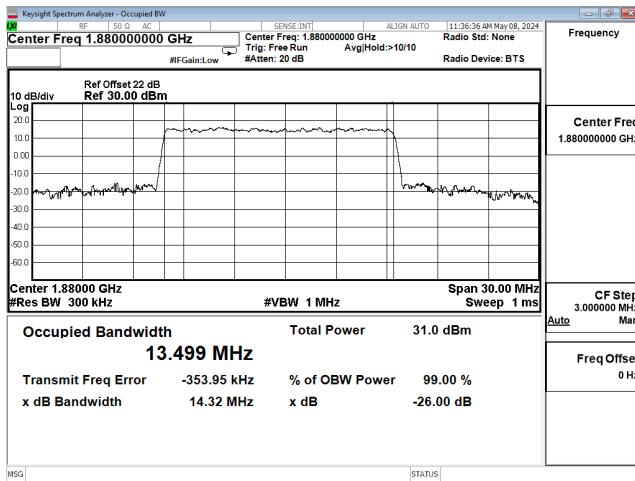
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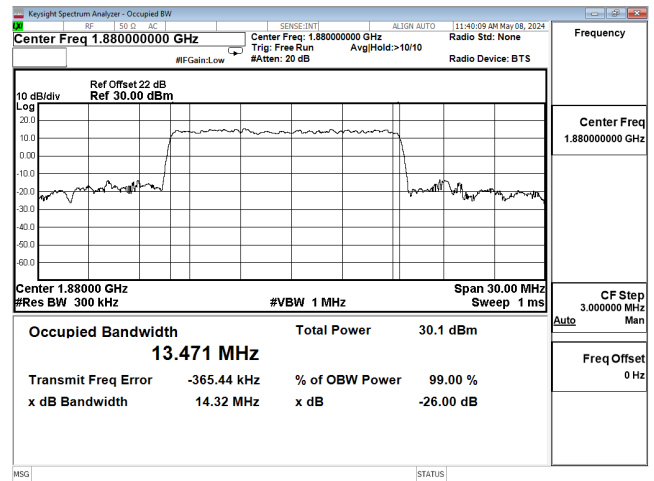
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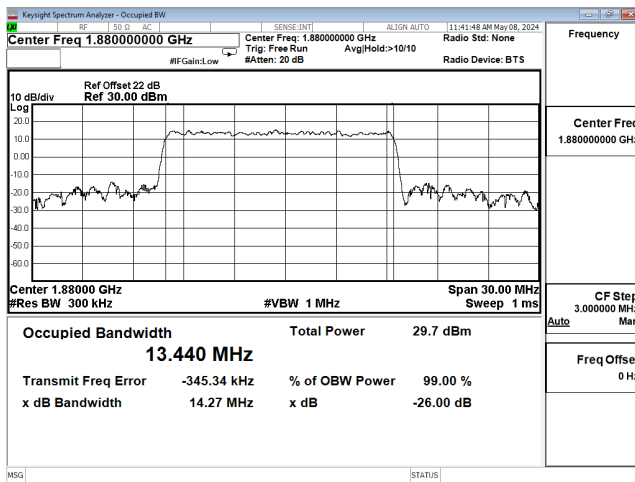
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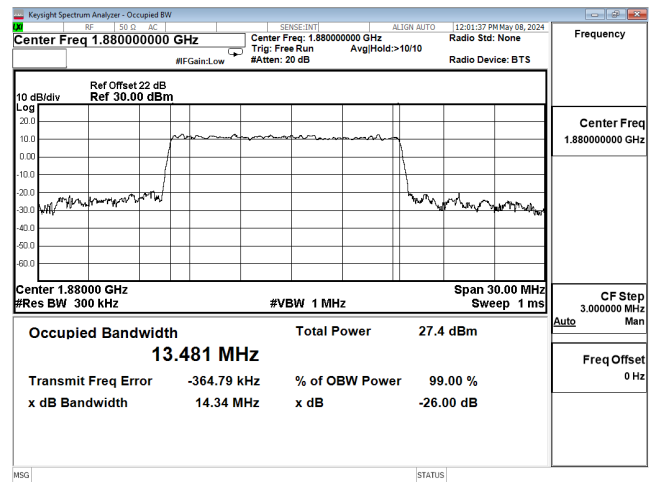
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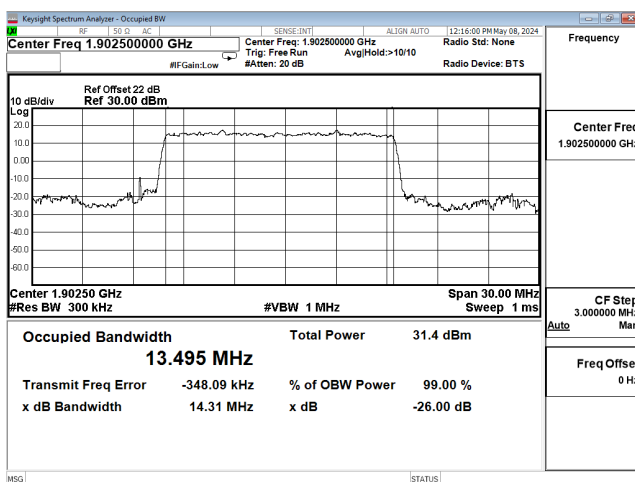
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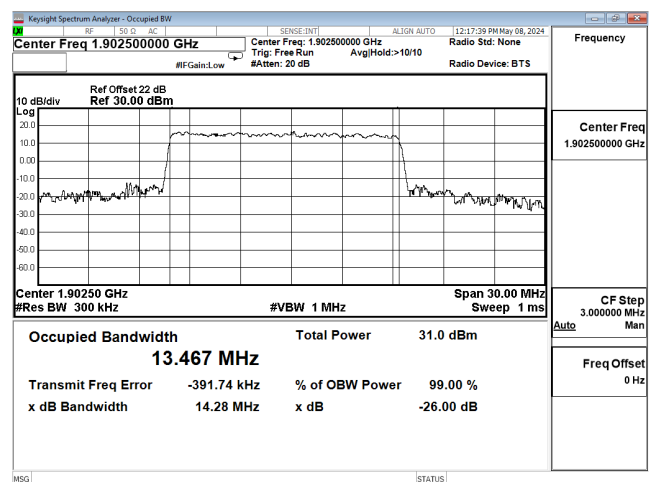
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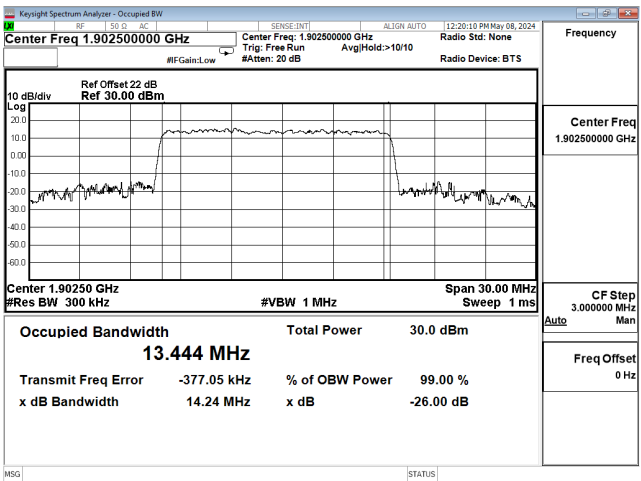
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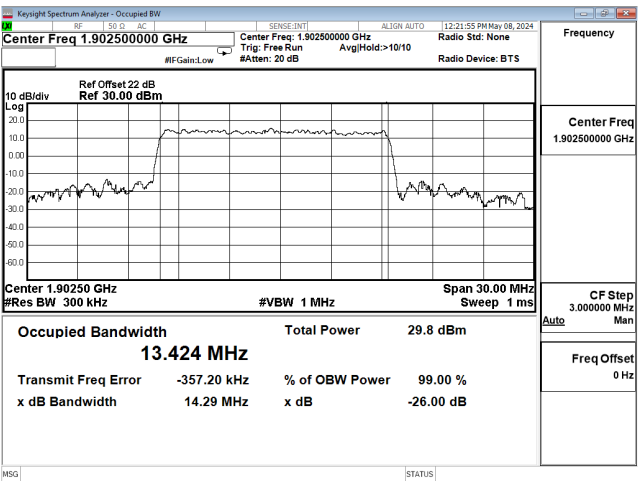
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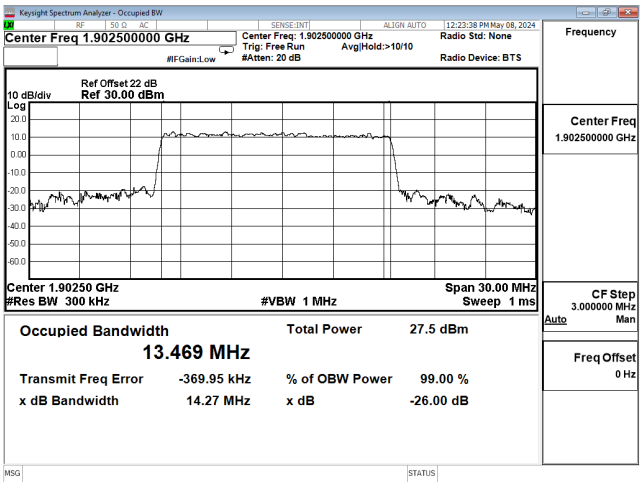
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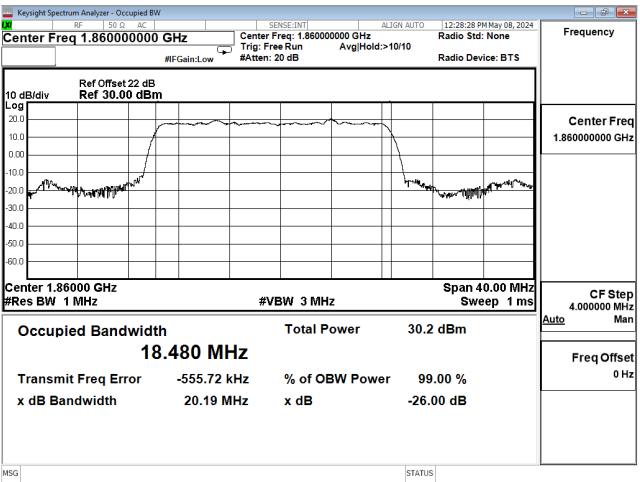
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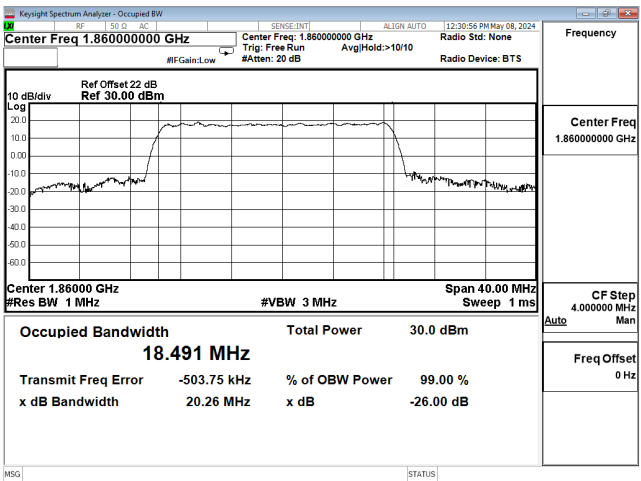
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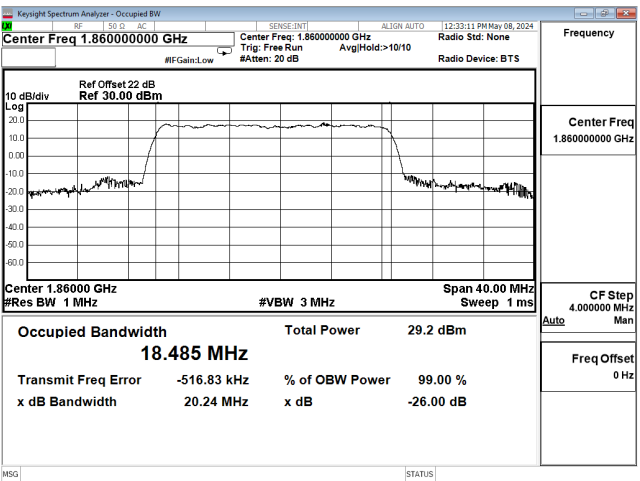
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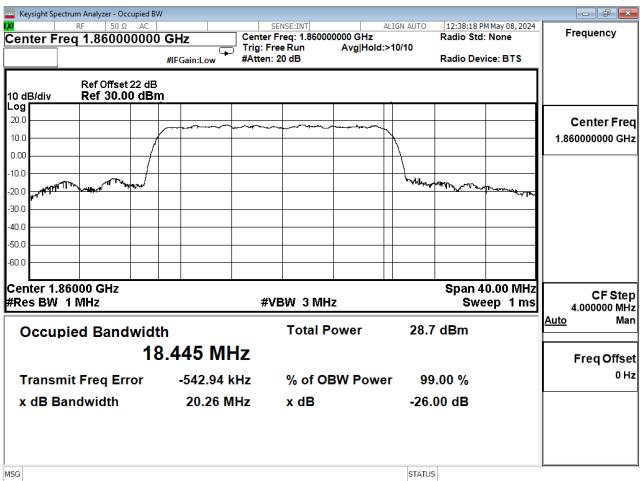
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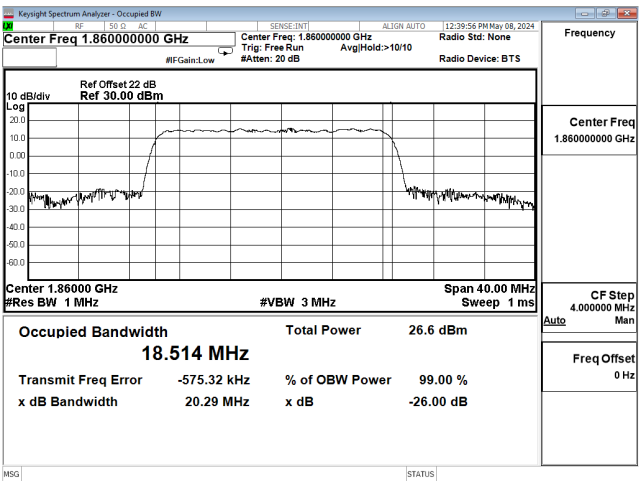
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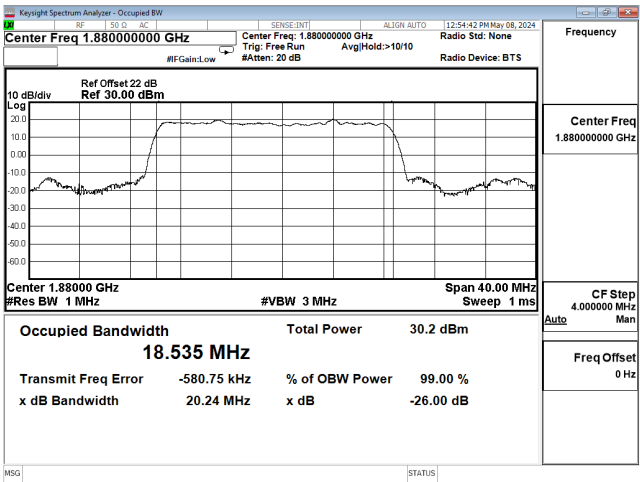
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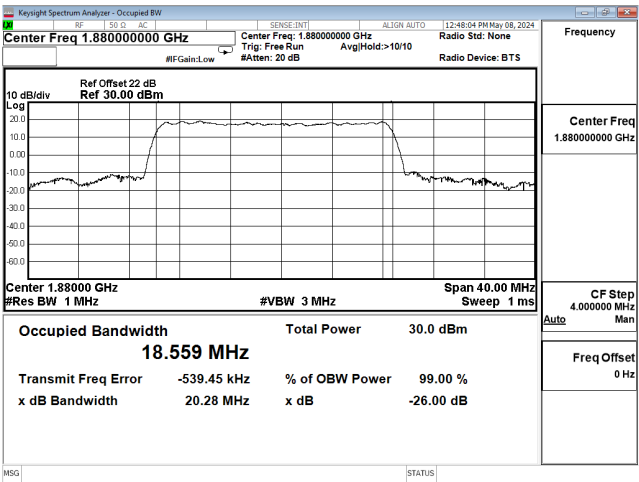
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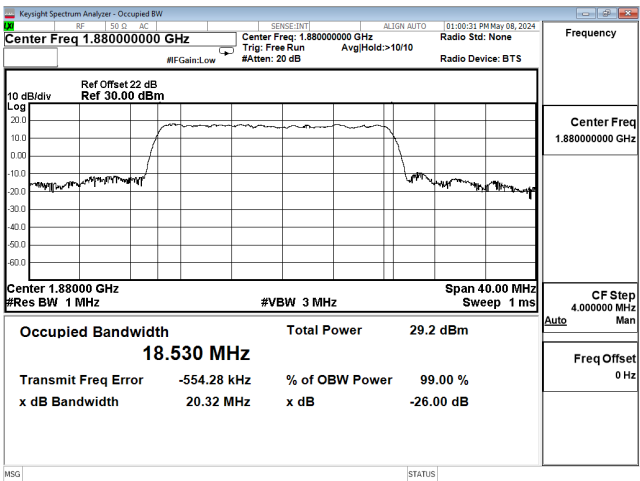
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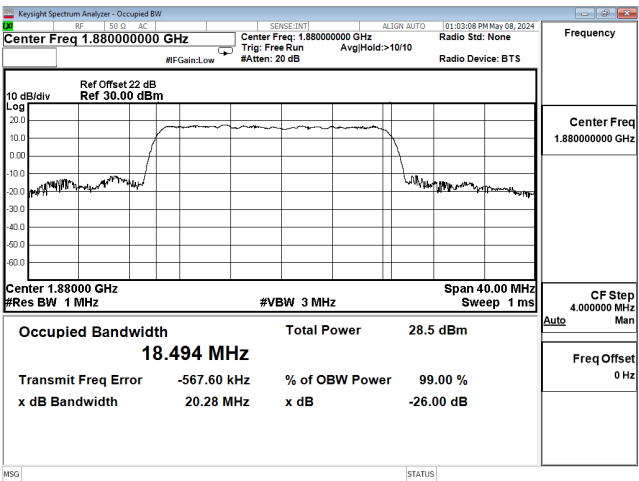
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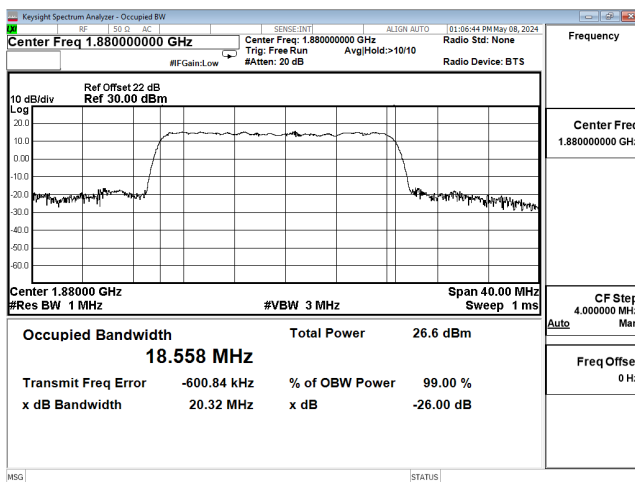
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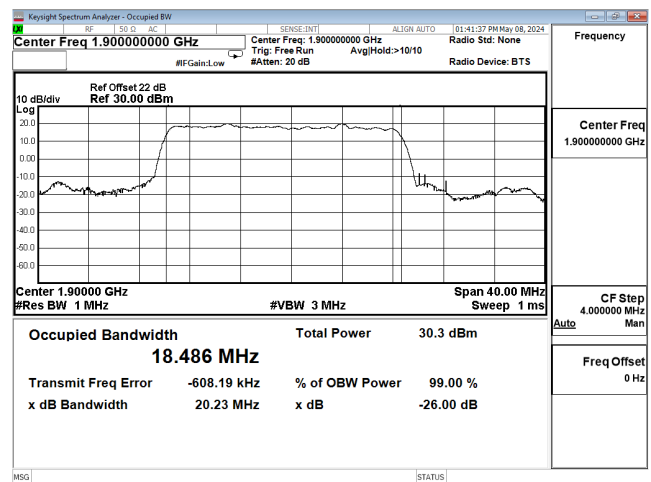
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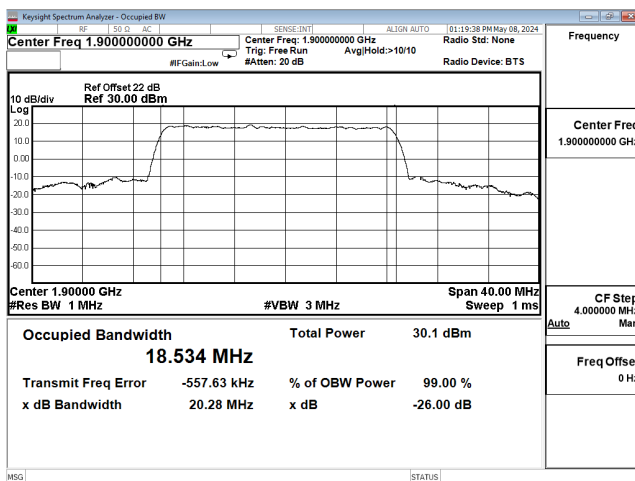
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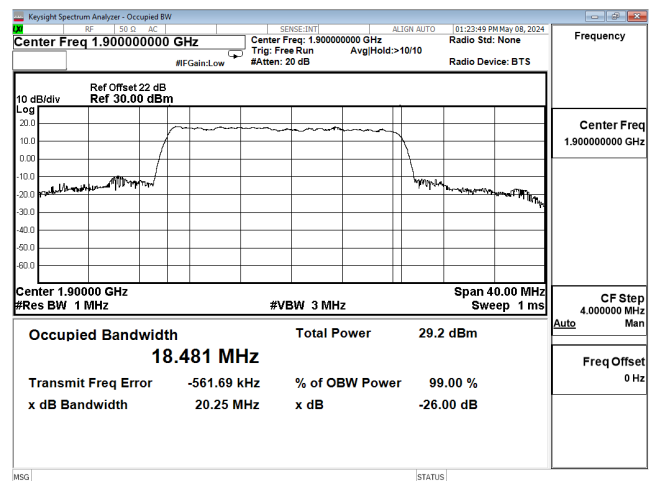
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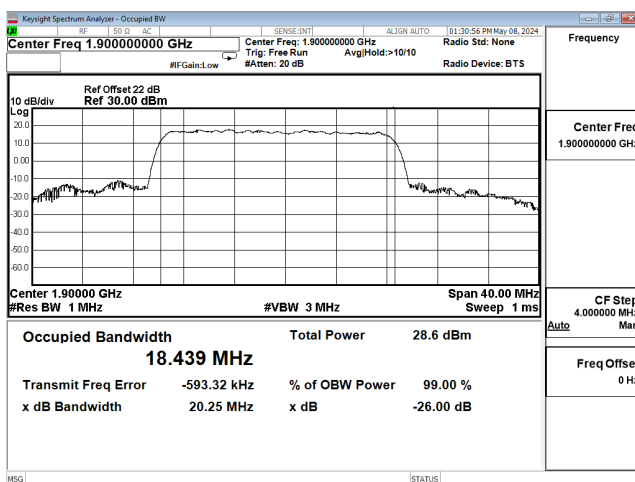
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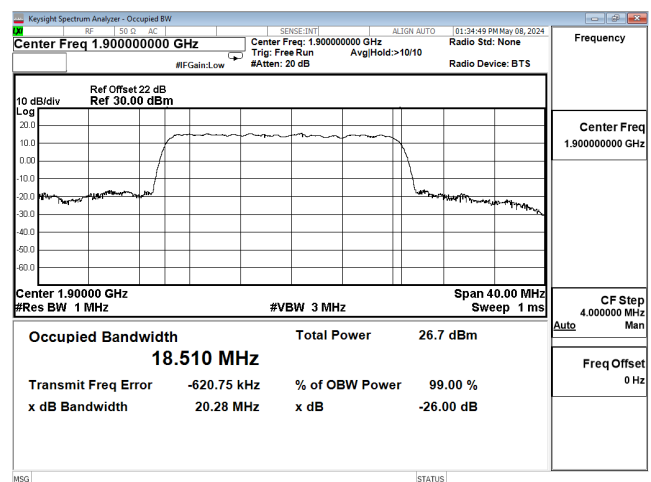
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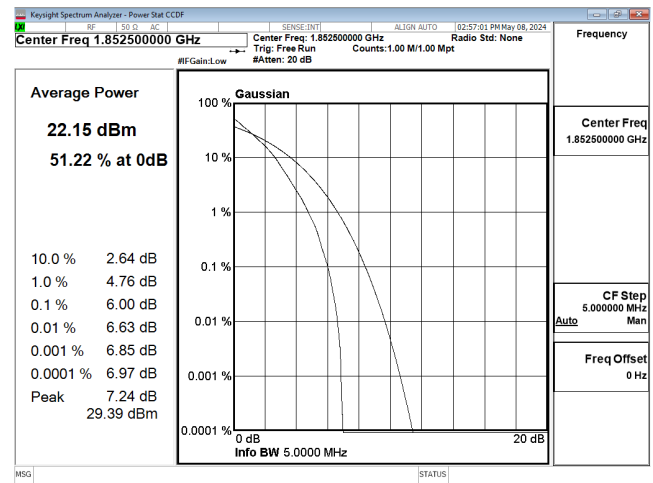
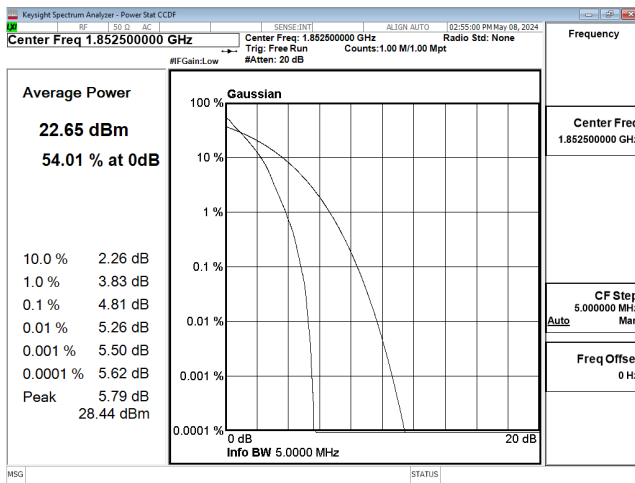


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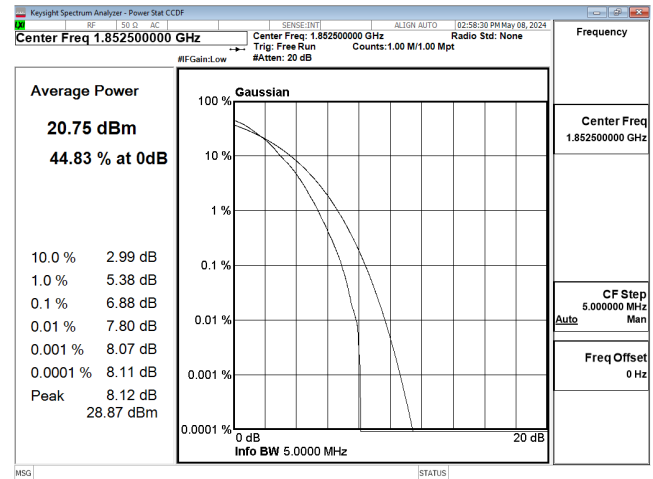
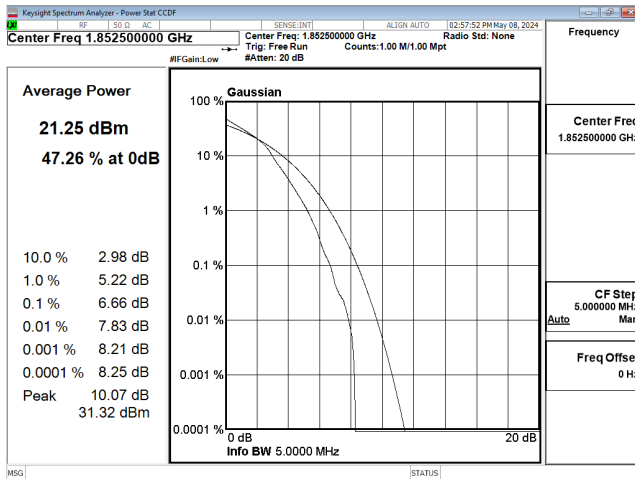
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Appendix C. Test Result of Peak to Averages Power Ratio



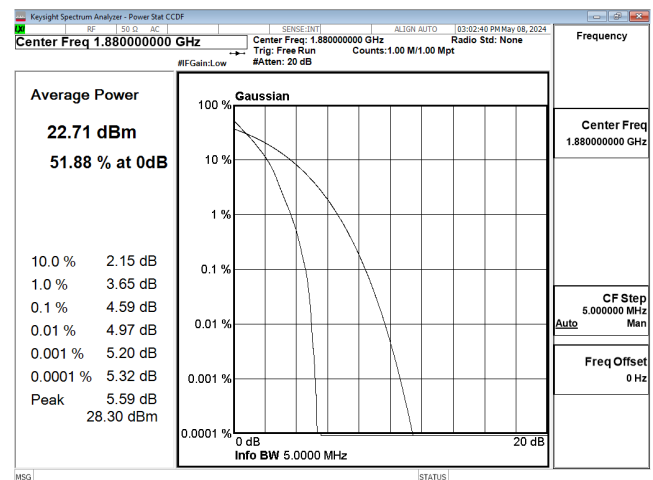
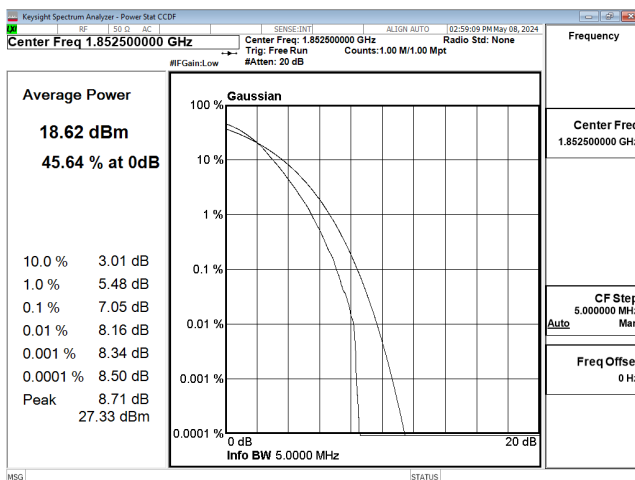
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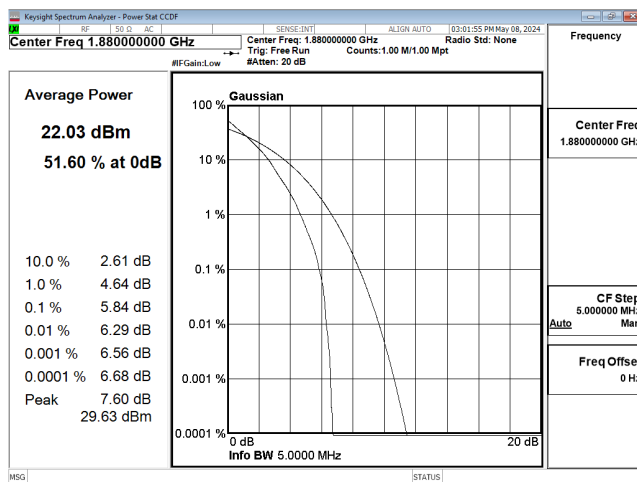
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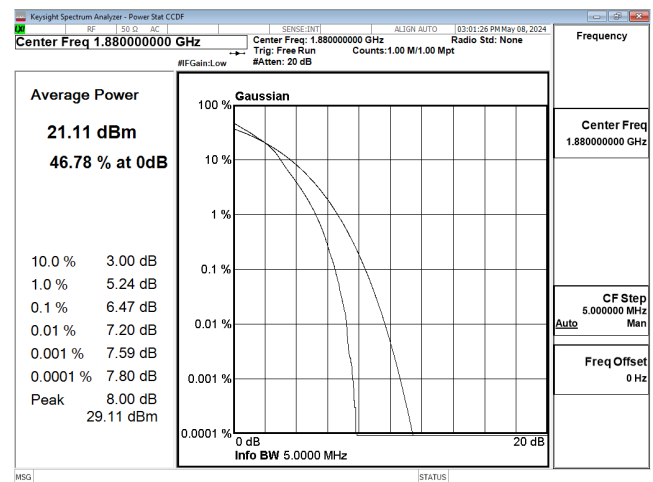


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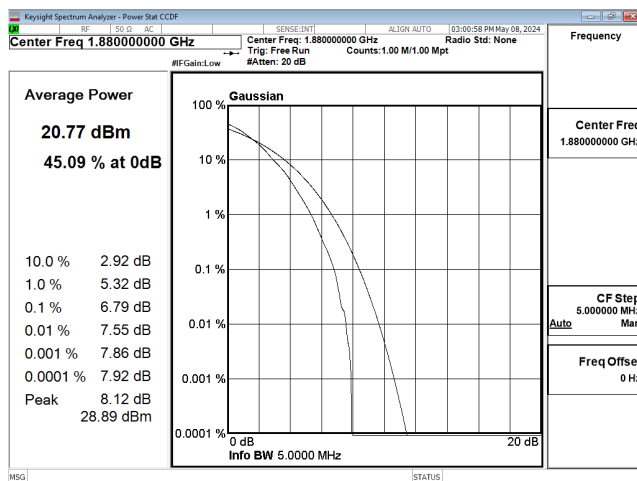
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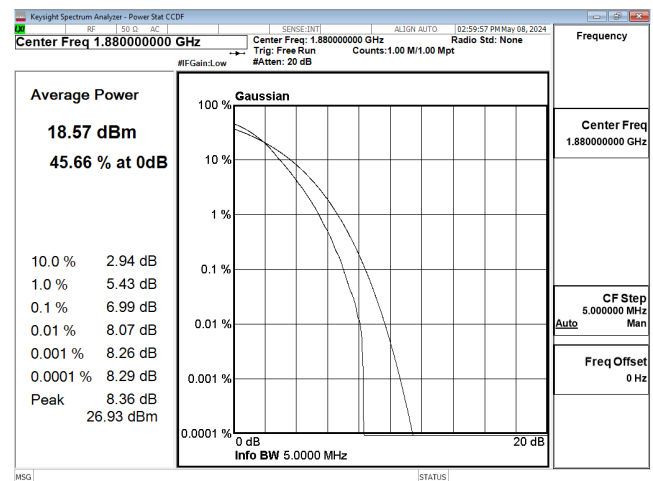
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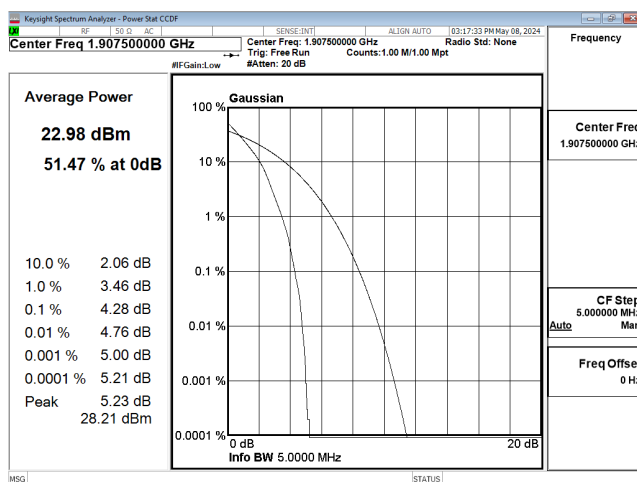
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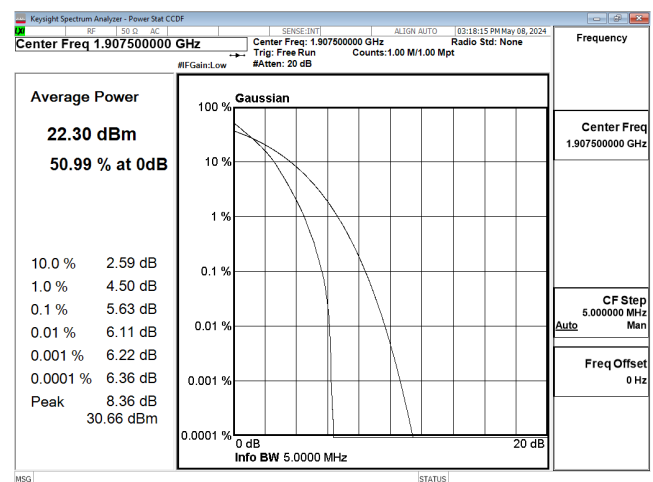
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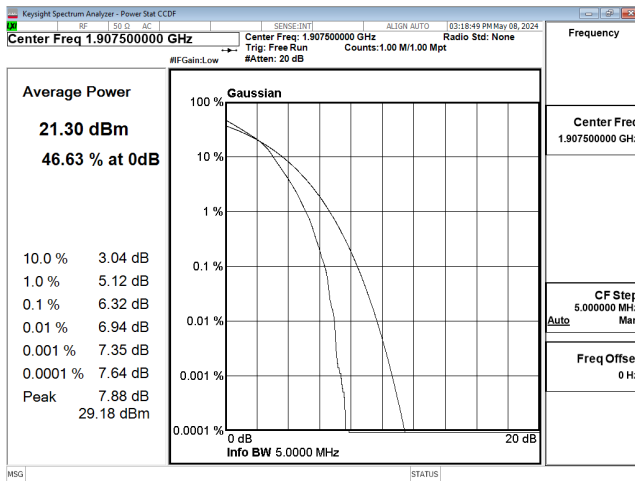
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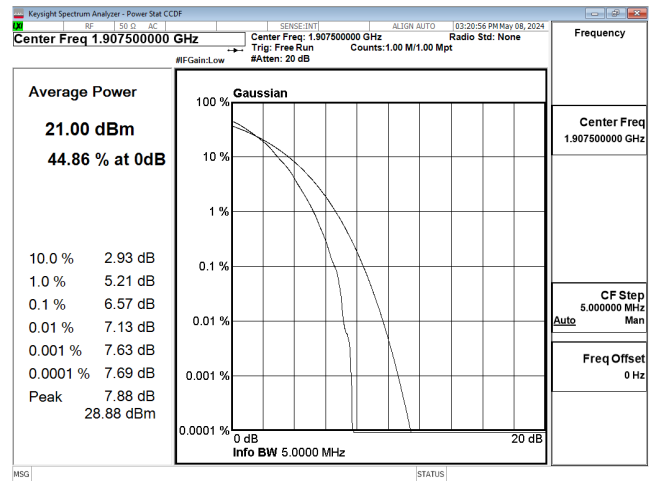
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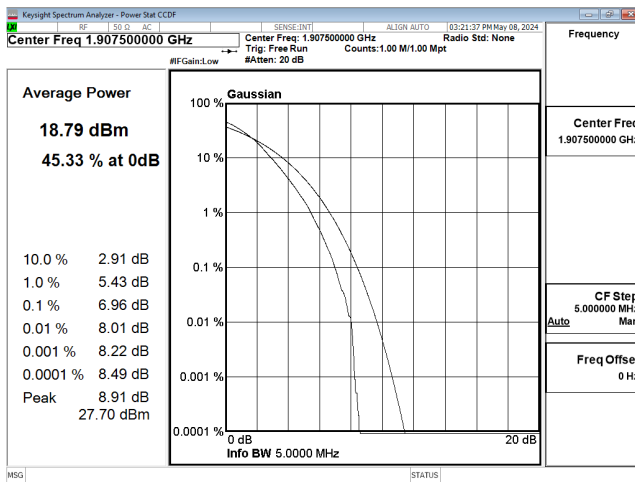
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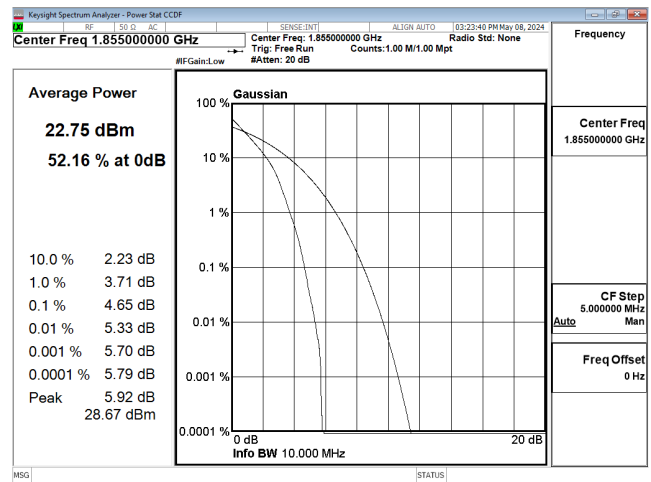
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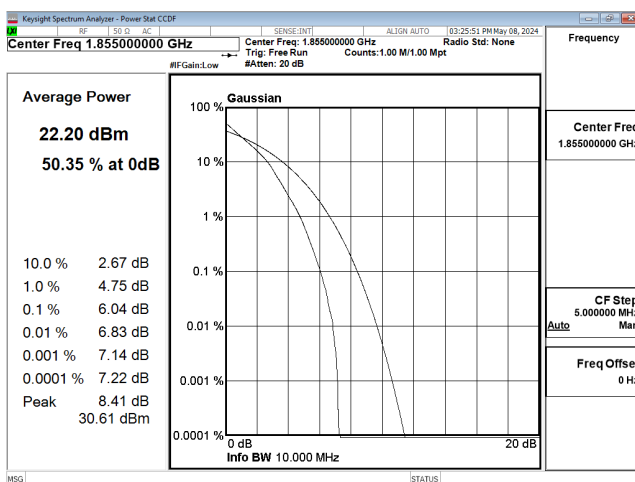
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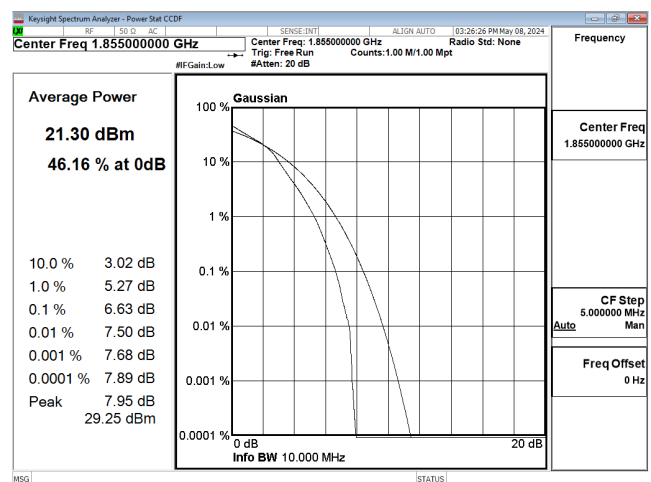
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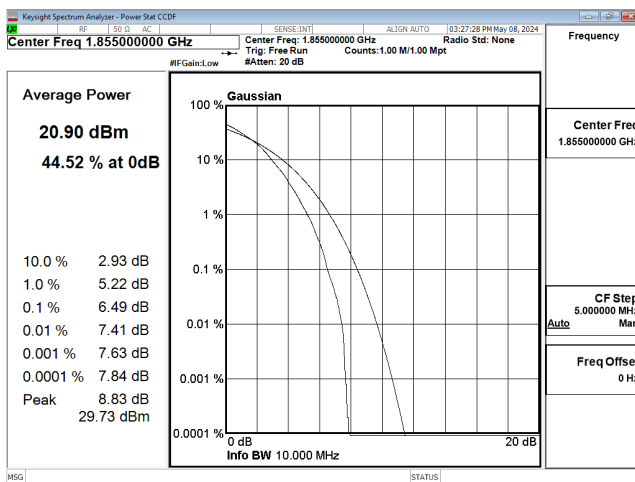
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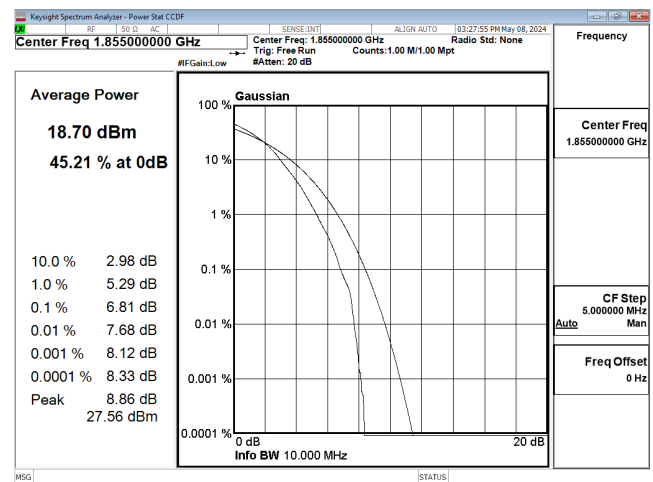
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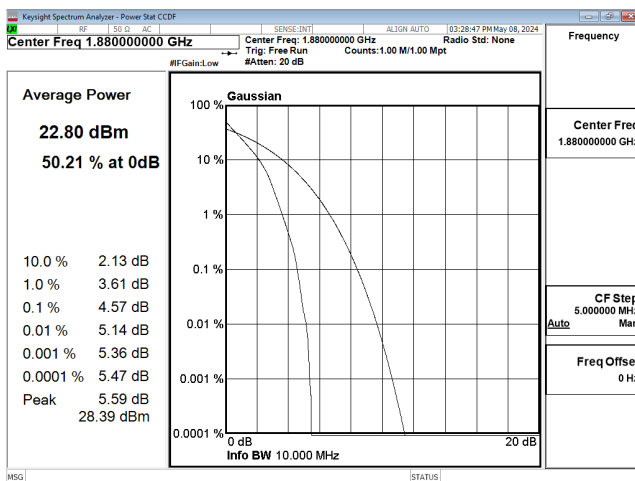
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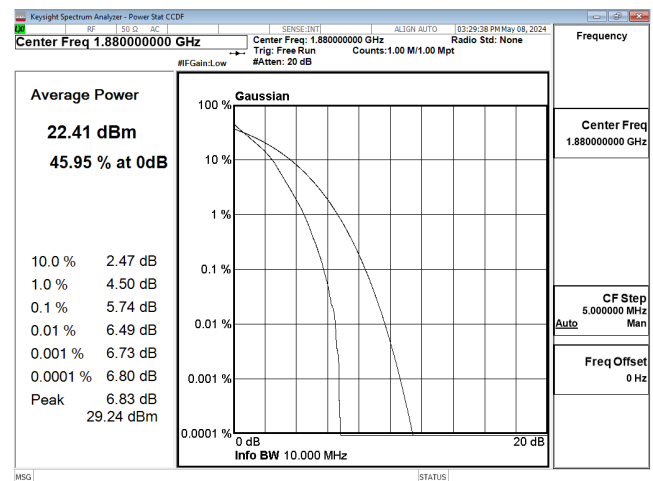
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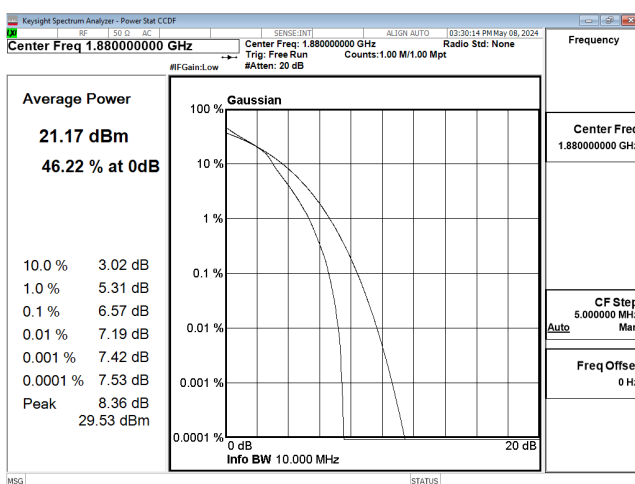
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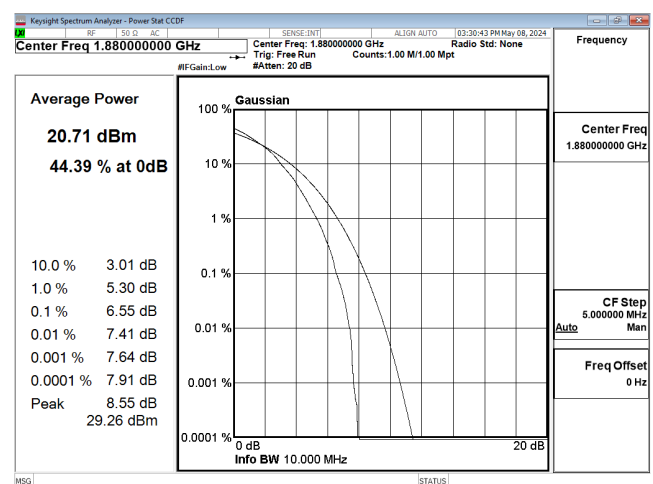
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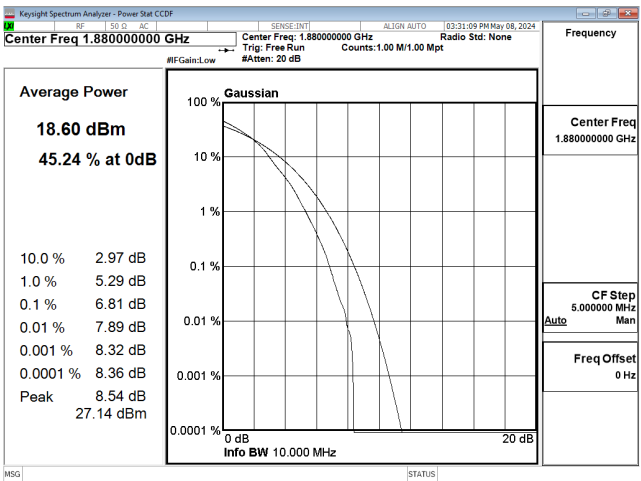
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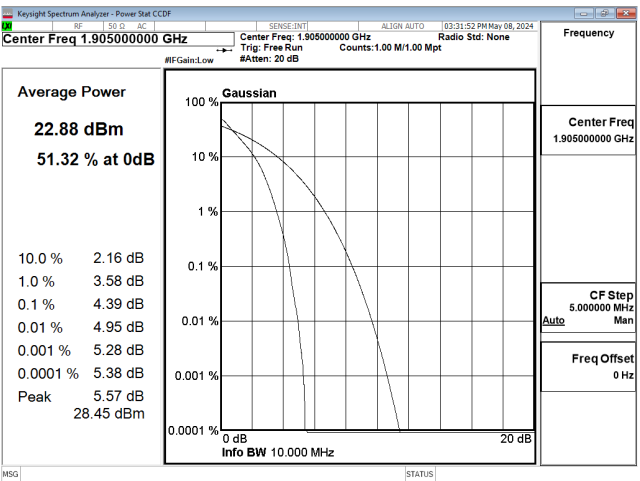
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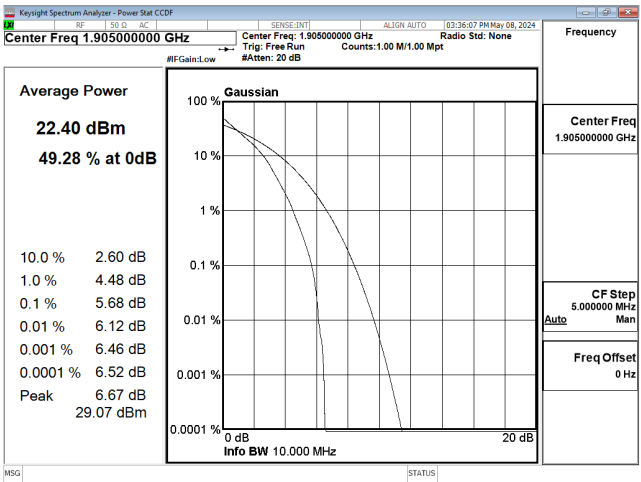
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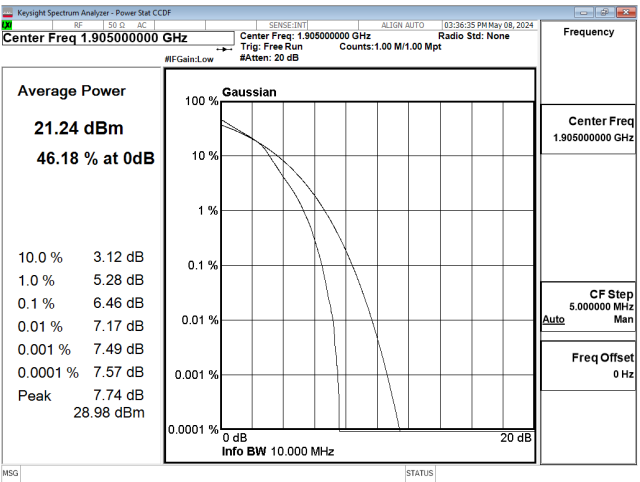
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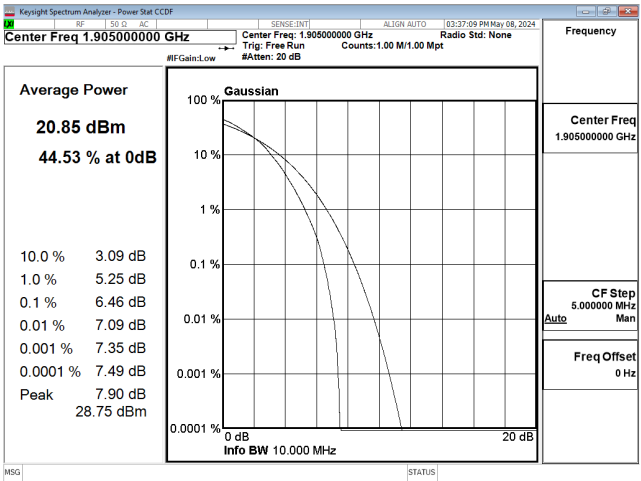
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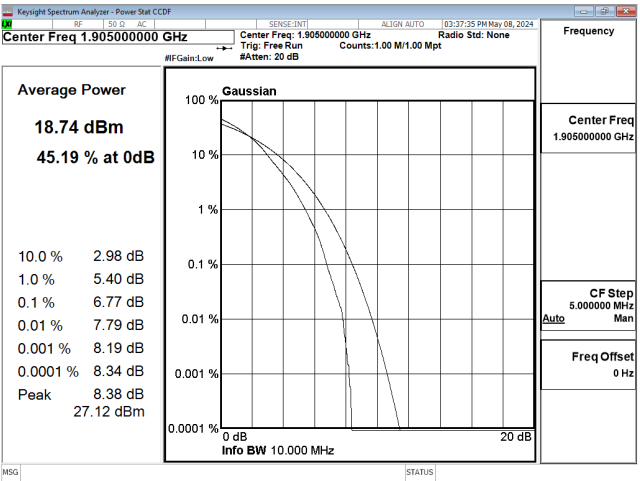
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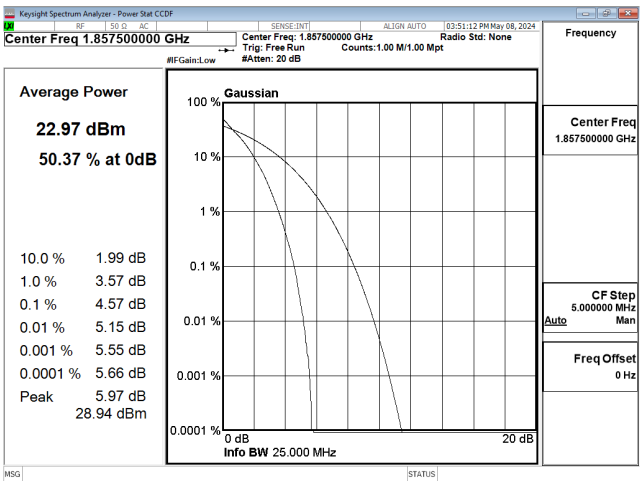
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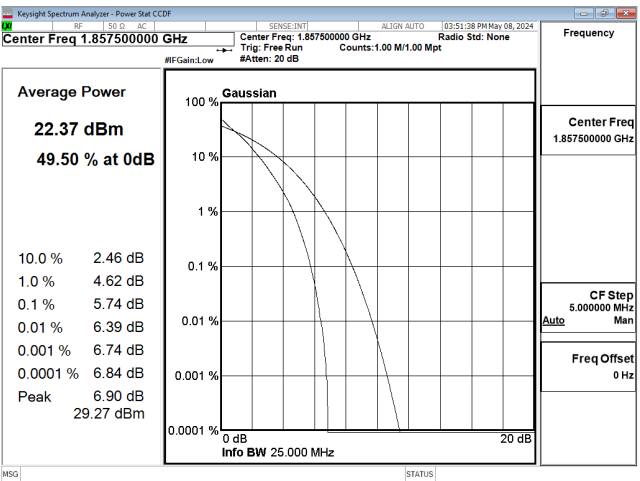
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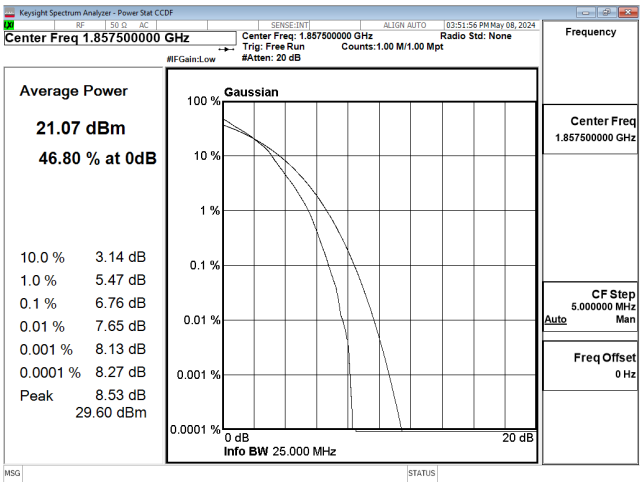
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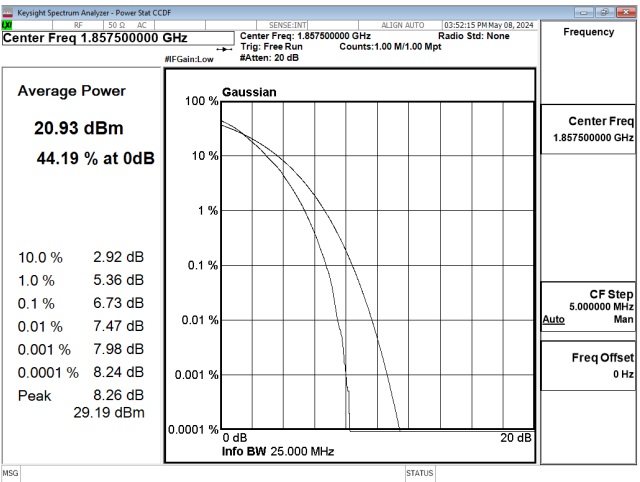
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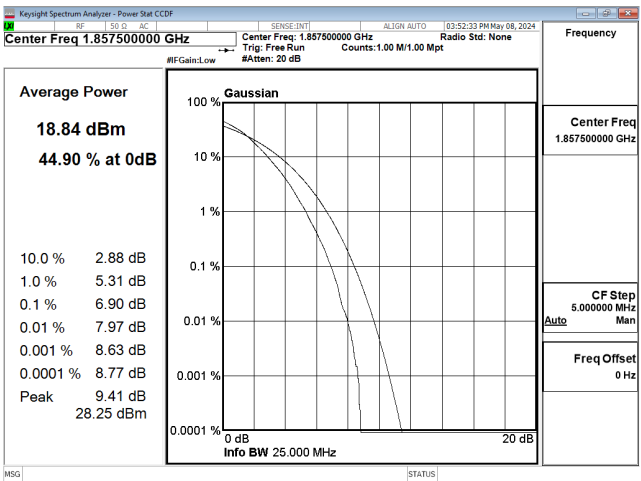
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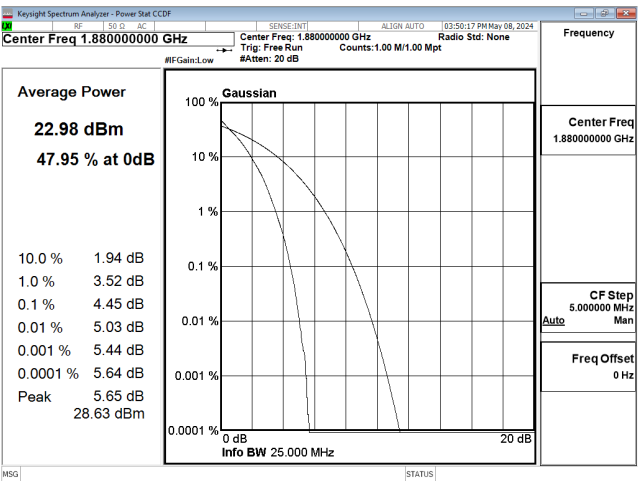
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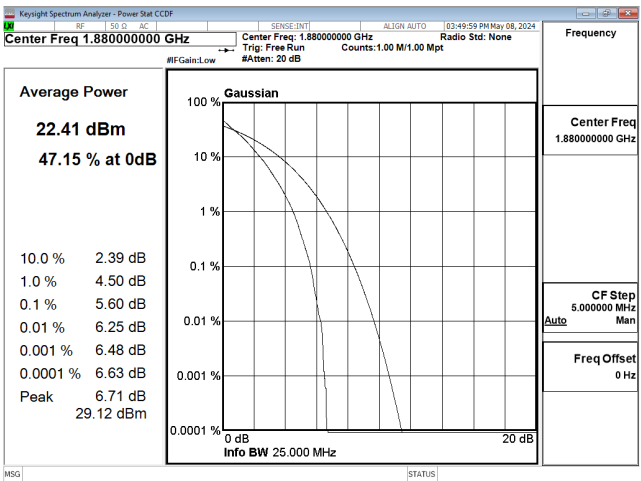
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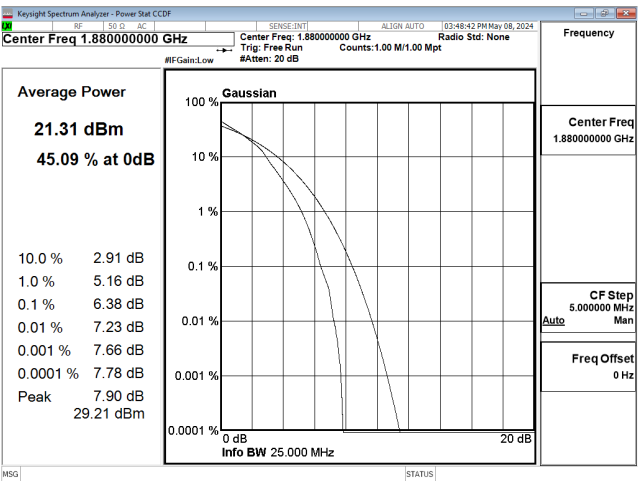
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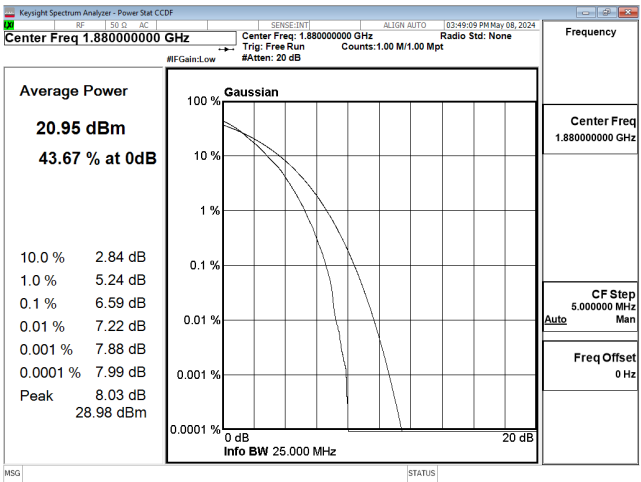
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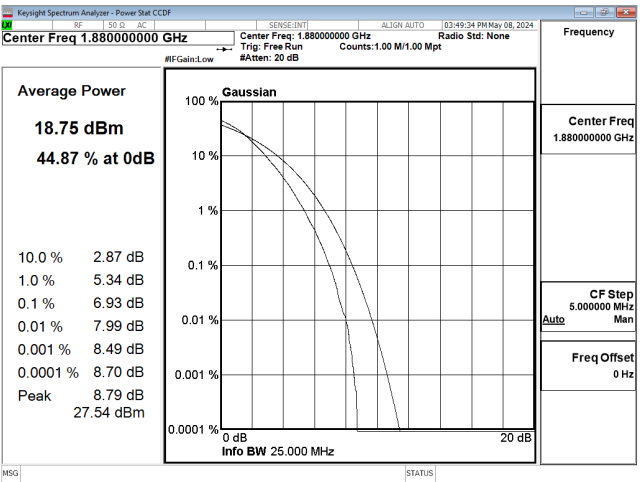
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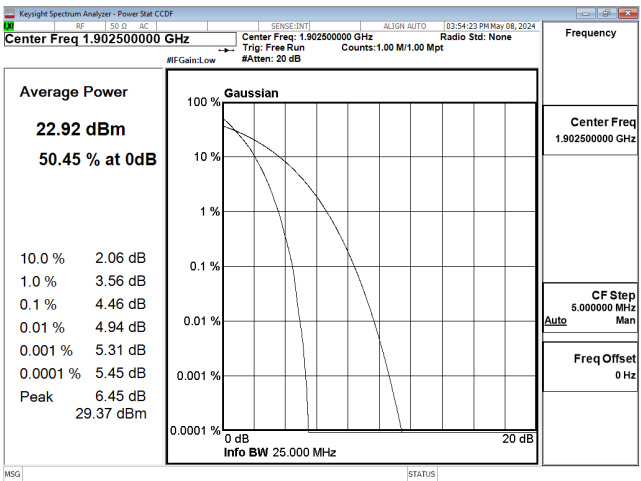
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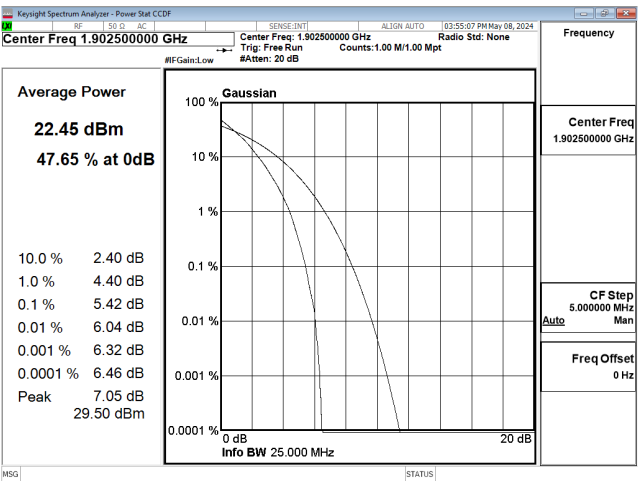
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