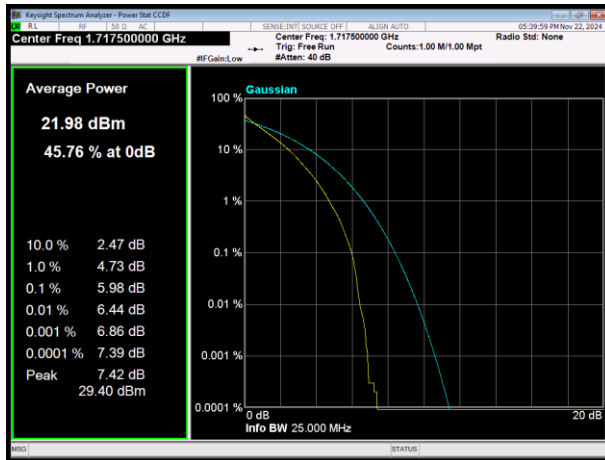
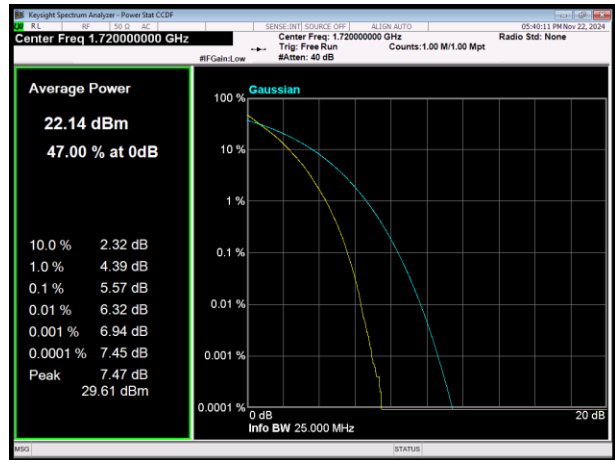


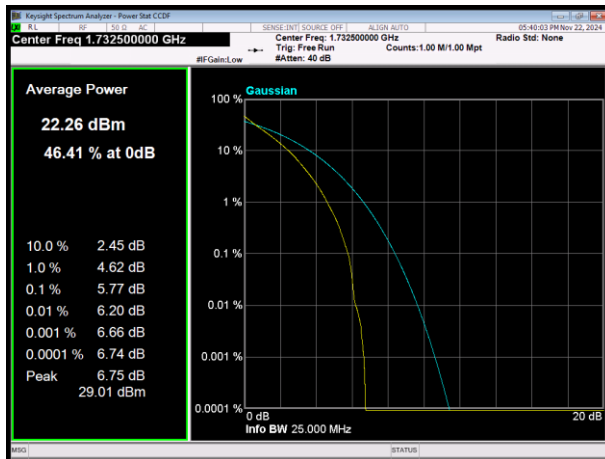
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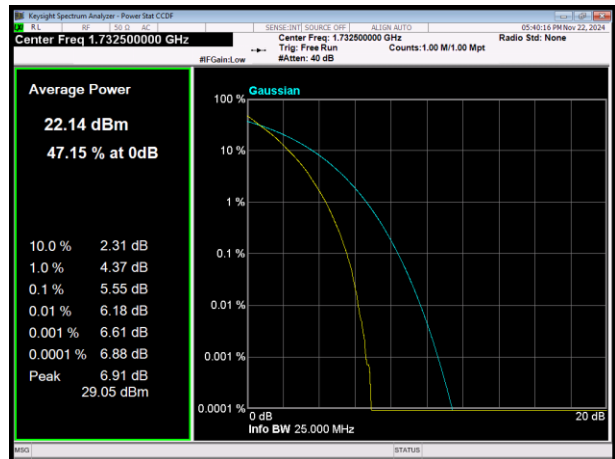
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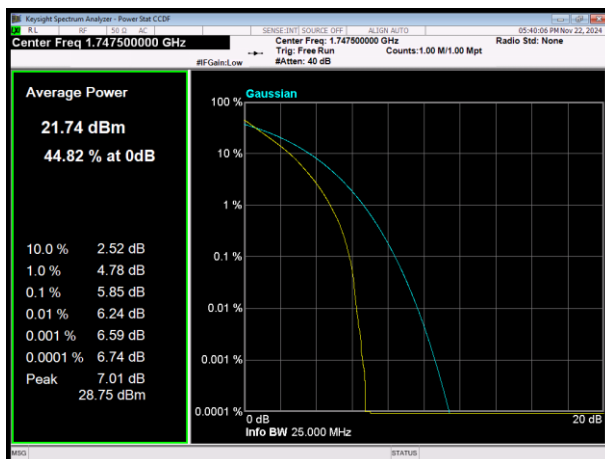
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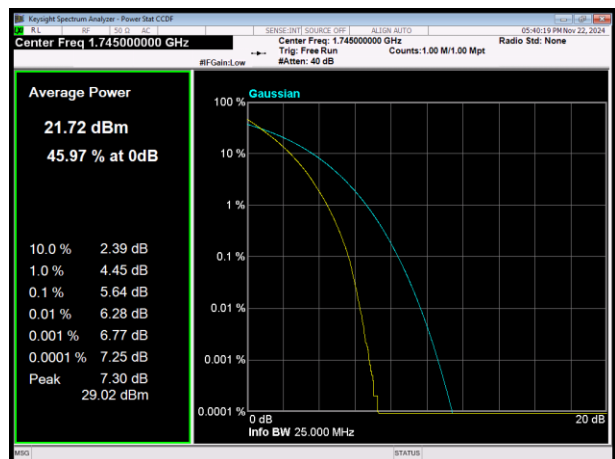
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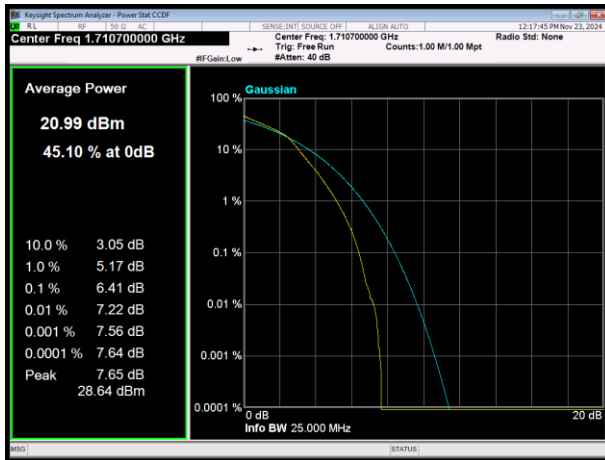
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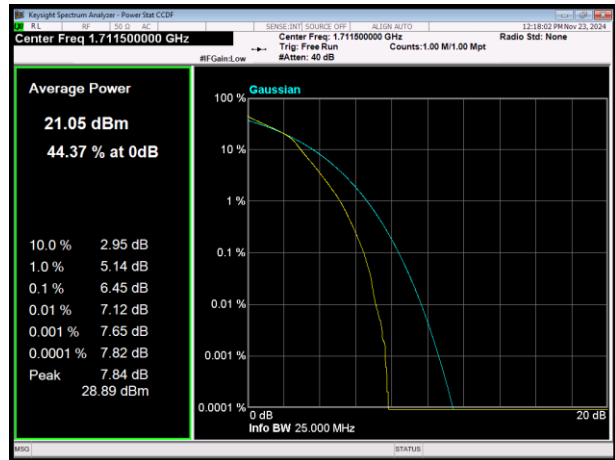
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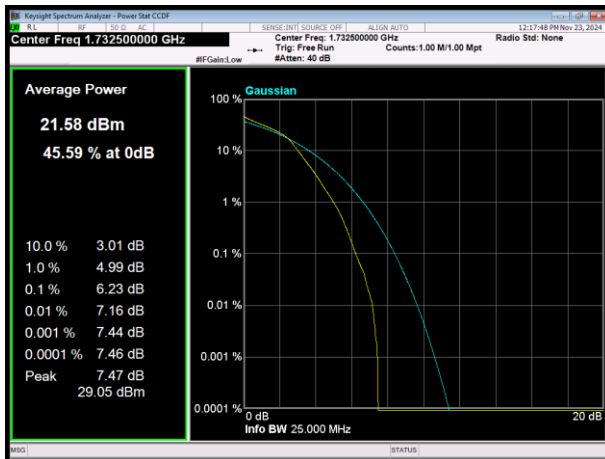
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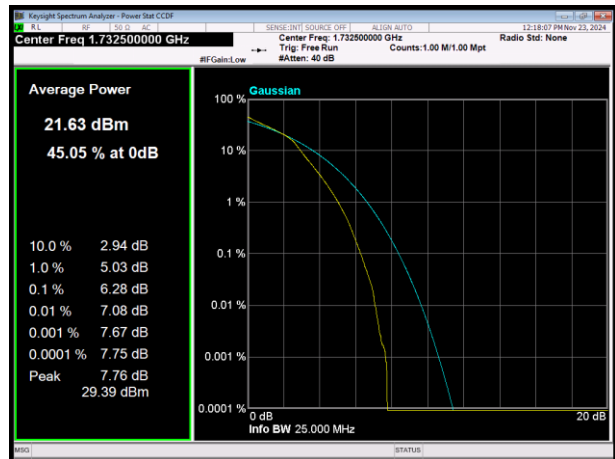
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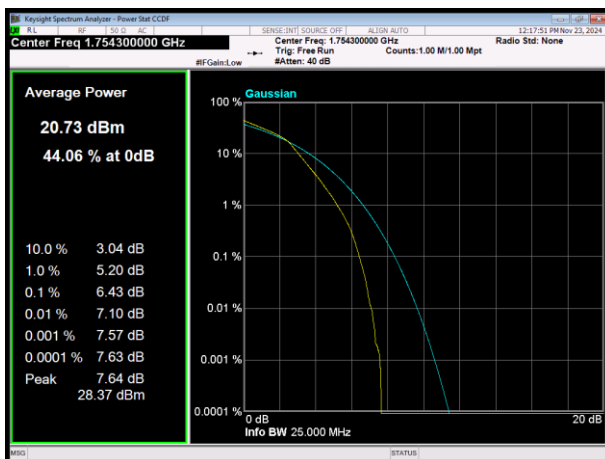
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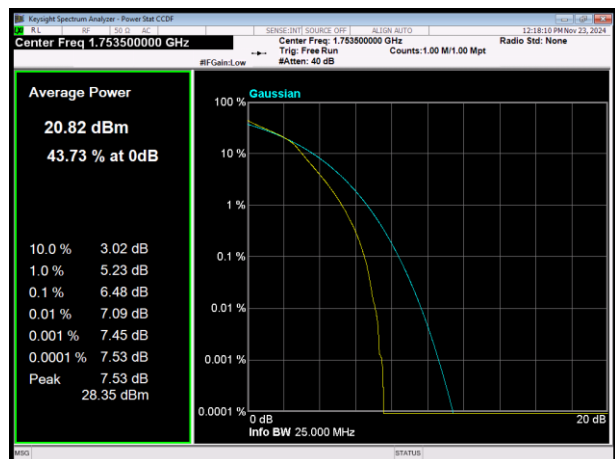
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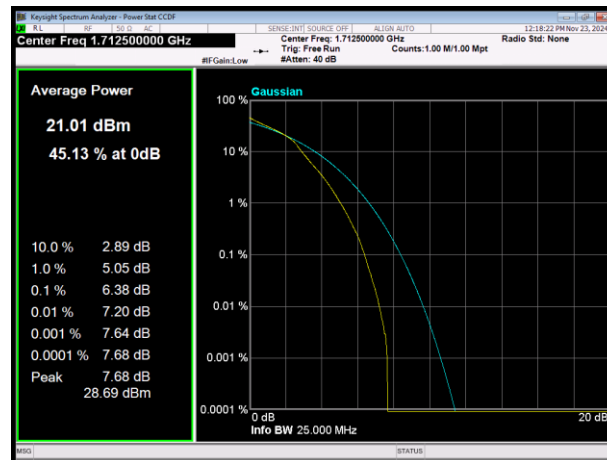
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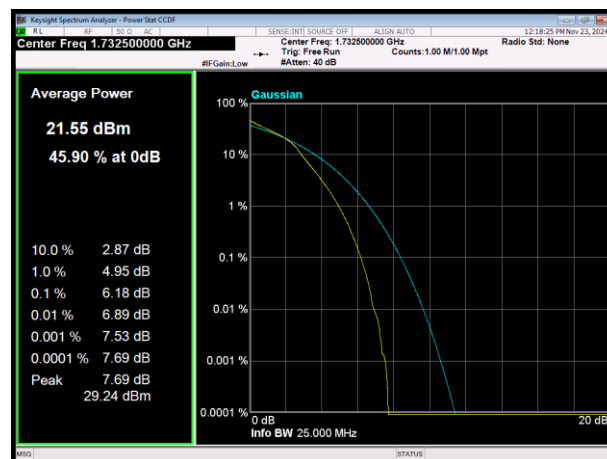
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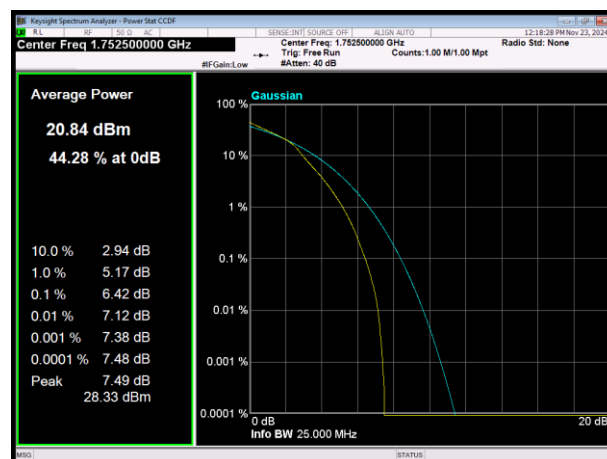
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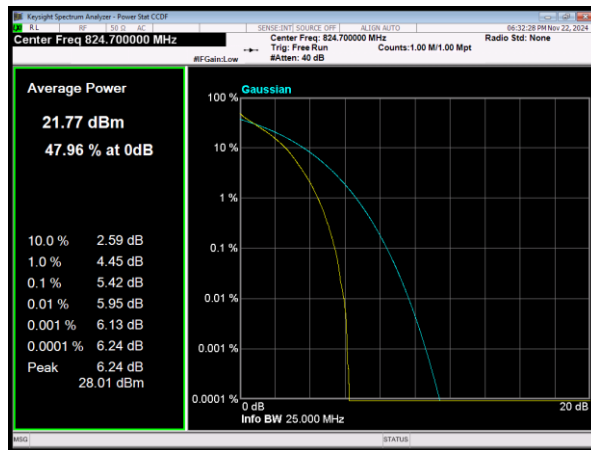
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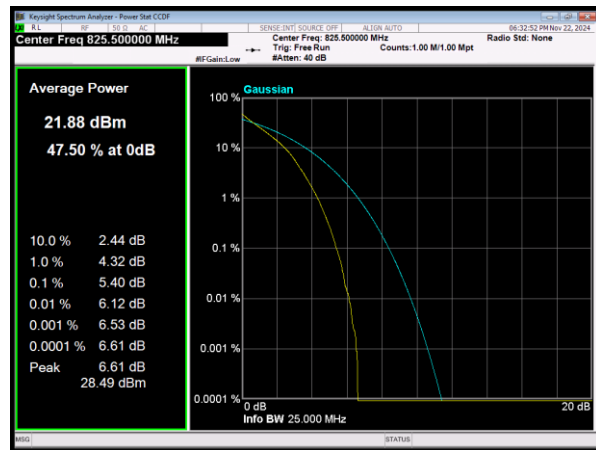
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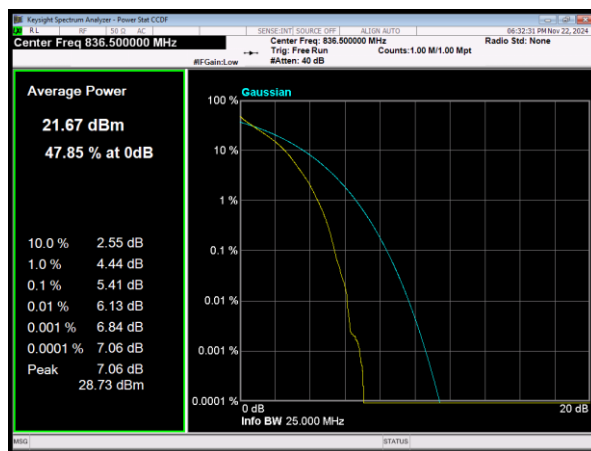
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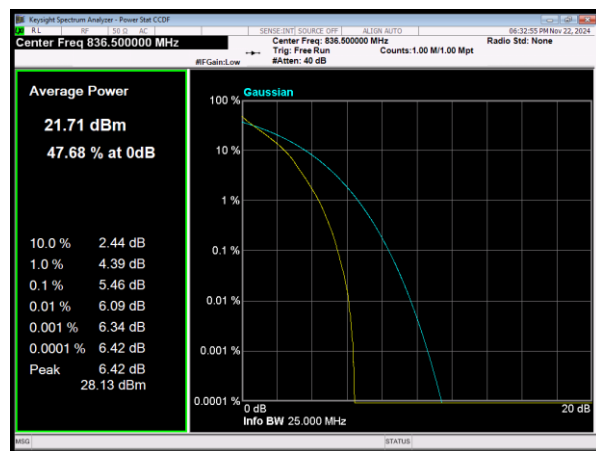
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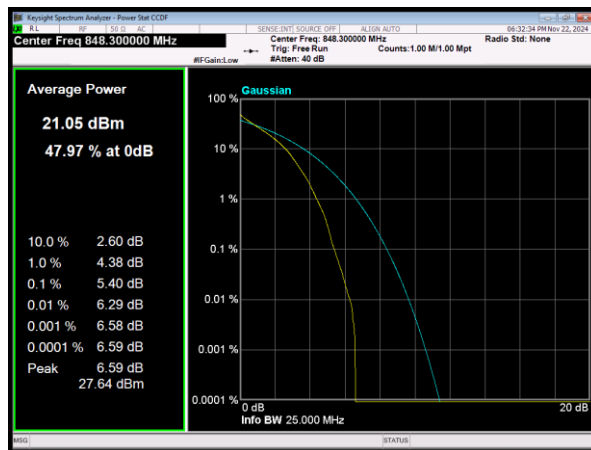
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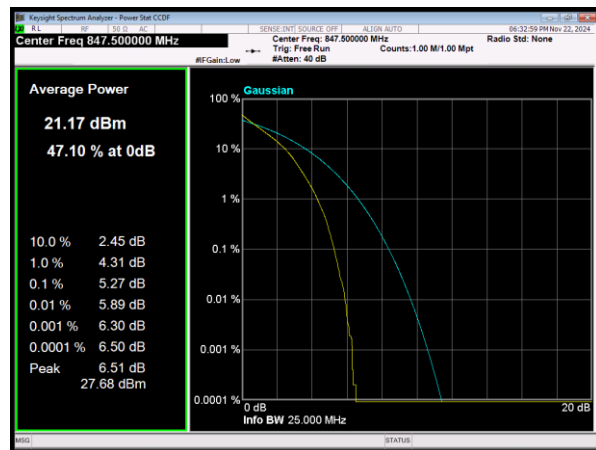
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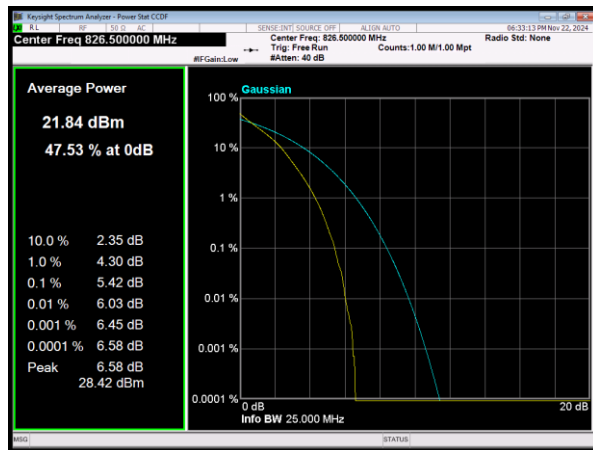
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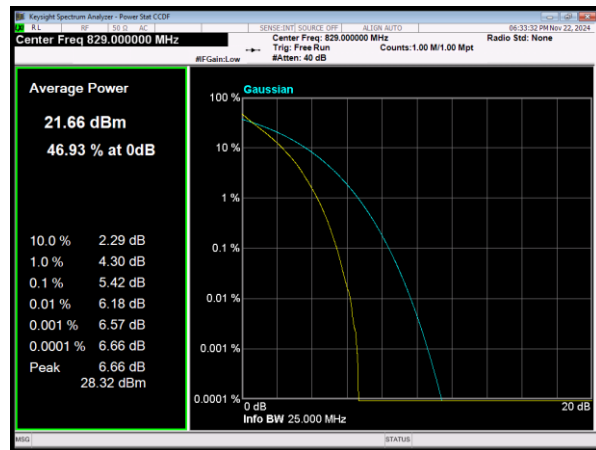
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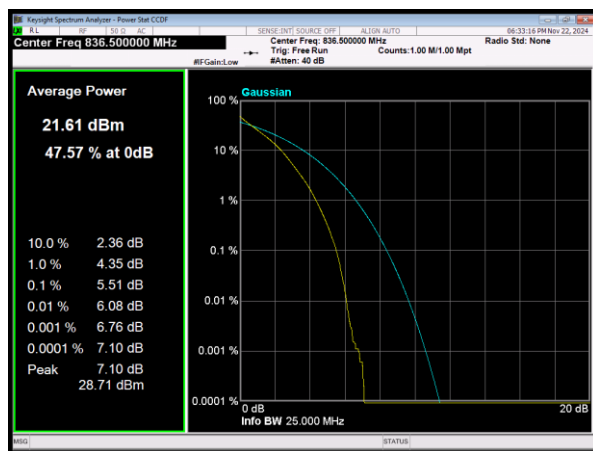
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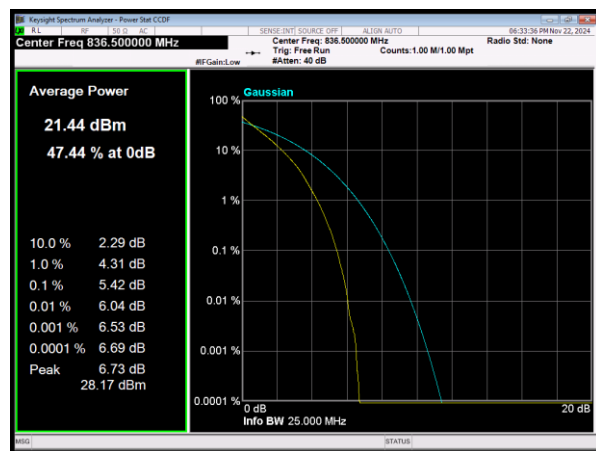
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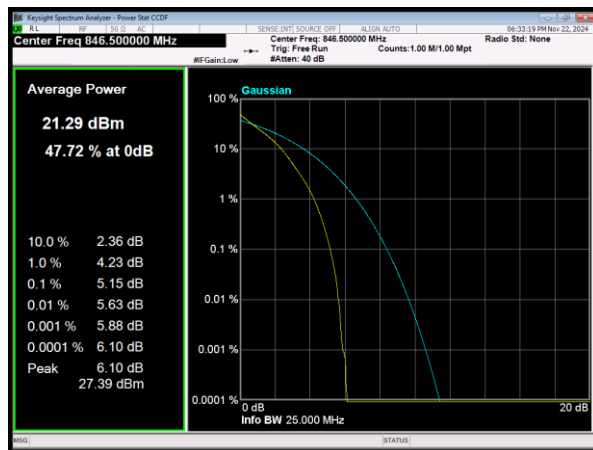
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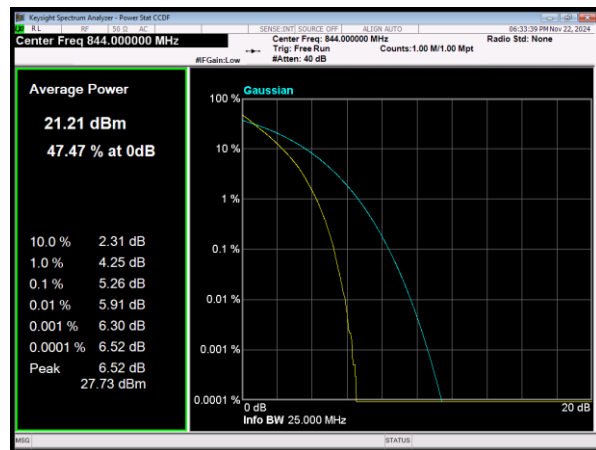
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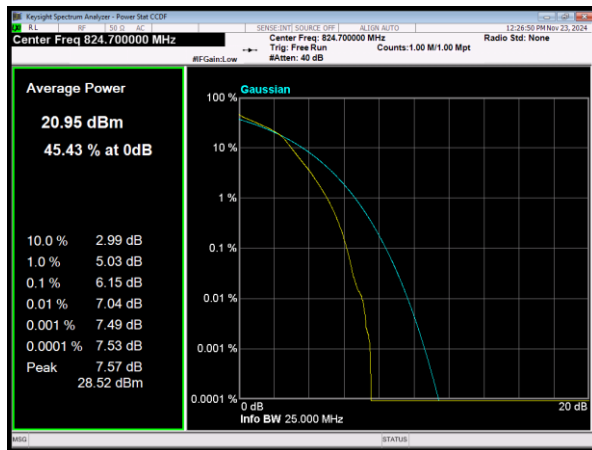
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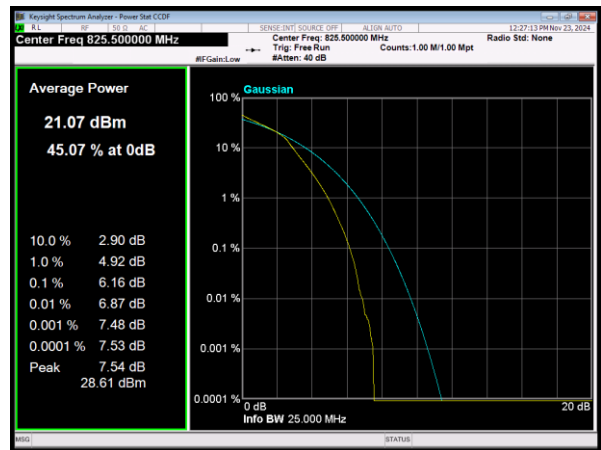
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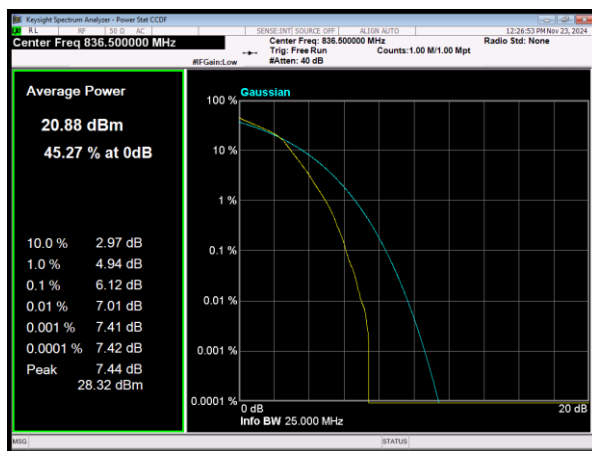
LTE Band 5 16QAM 1.4MHz CH-Low



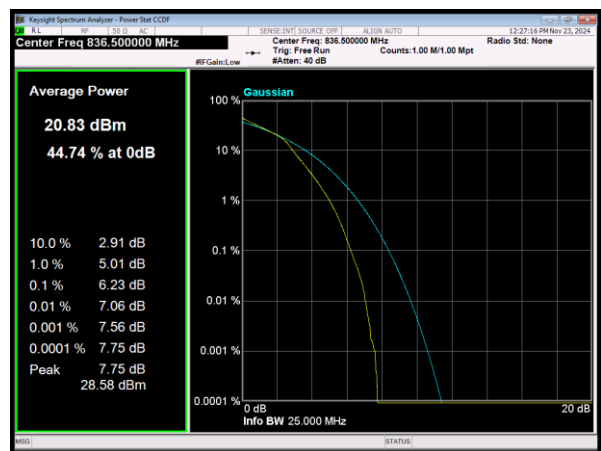
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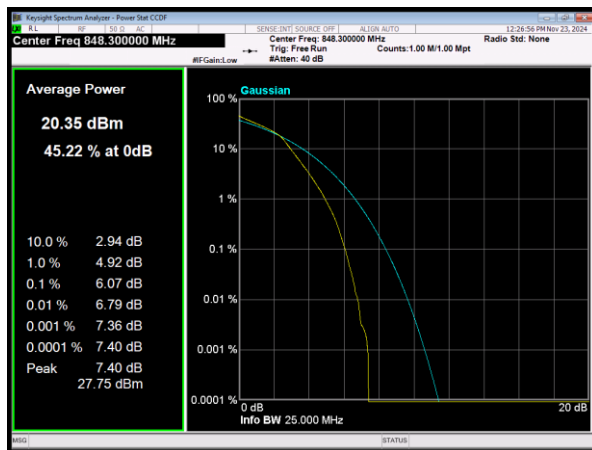
LTE Band 5 16QAM 1.4MHz CH-Middle



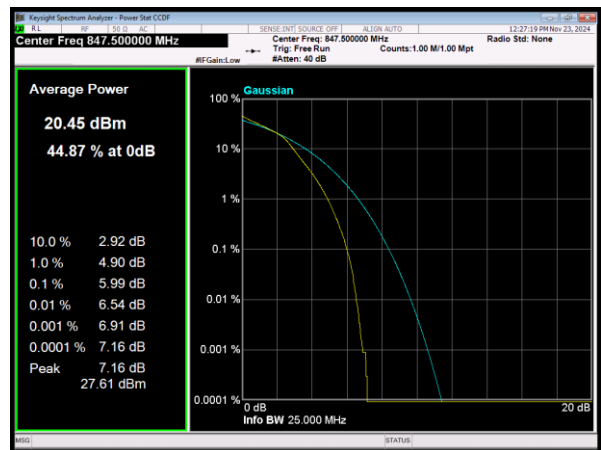
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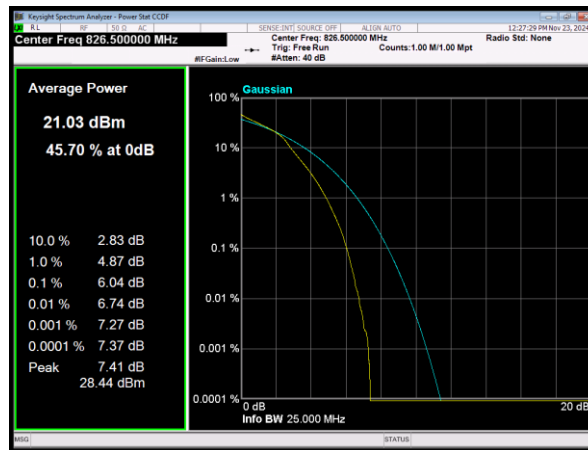
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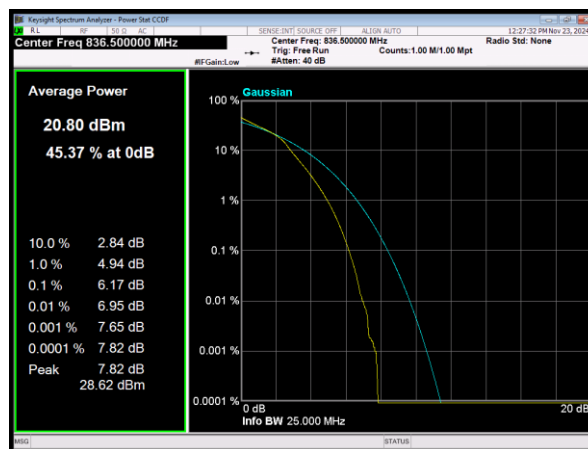
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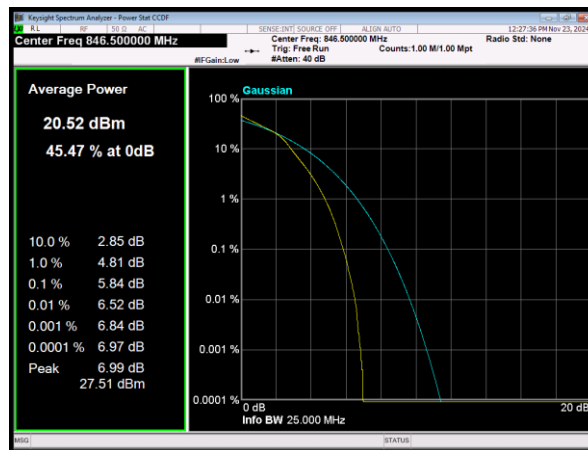
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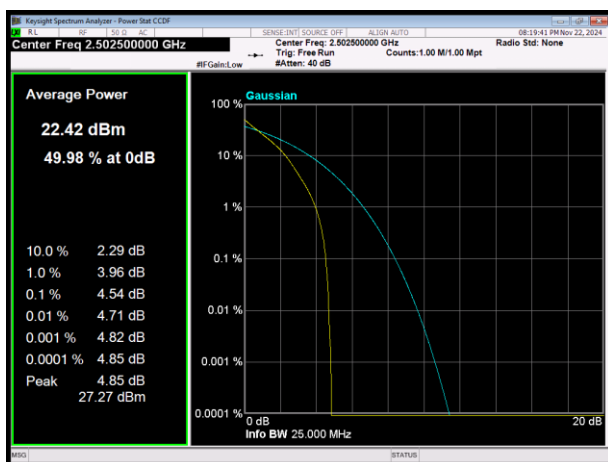
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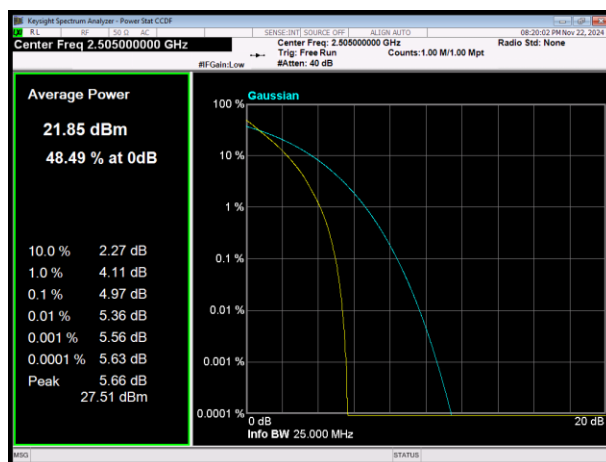
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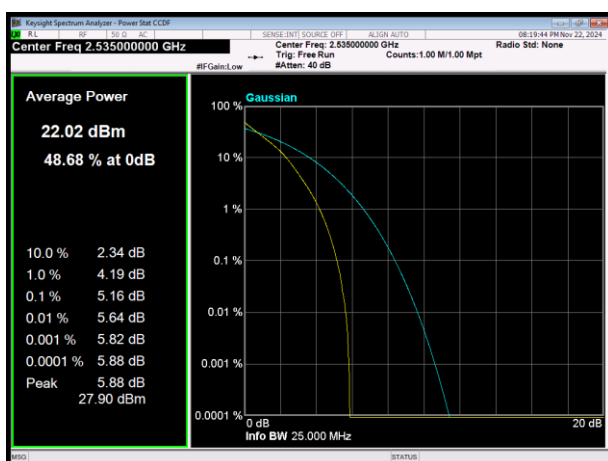
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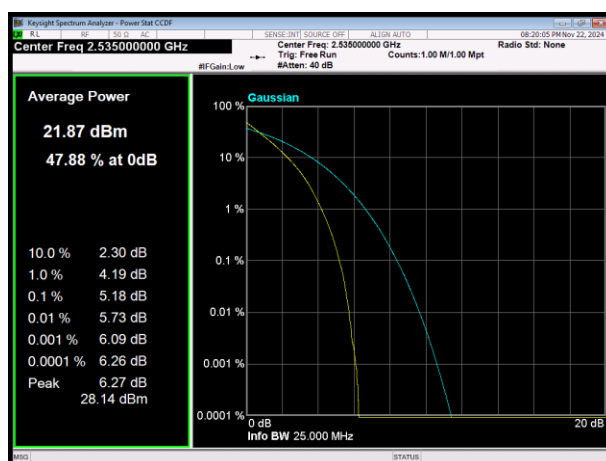
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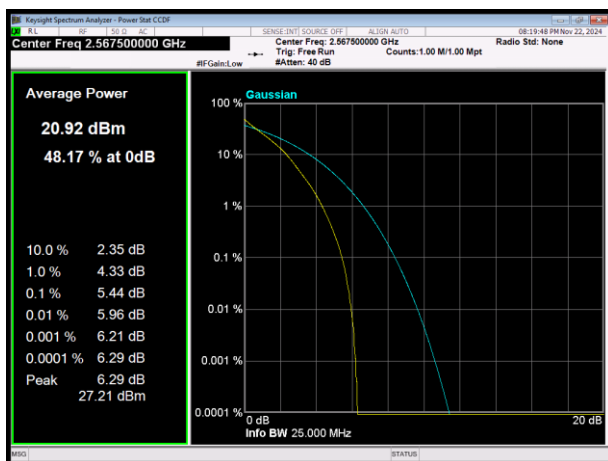
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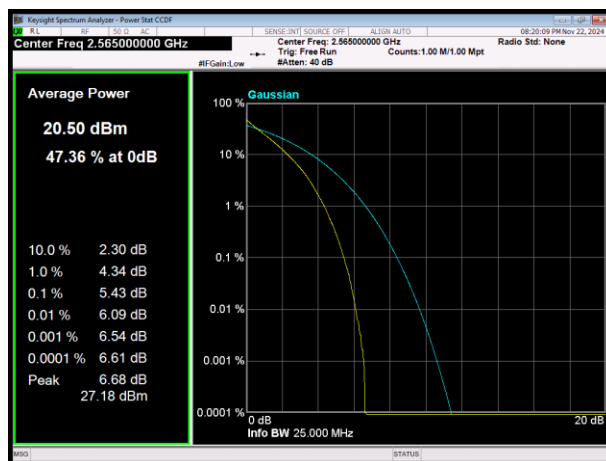
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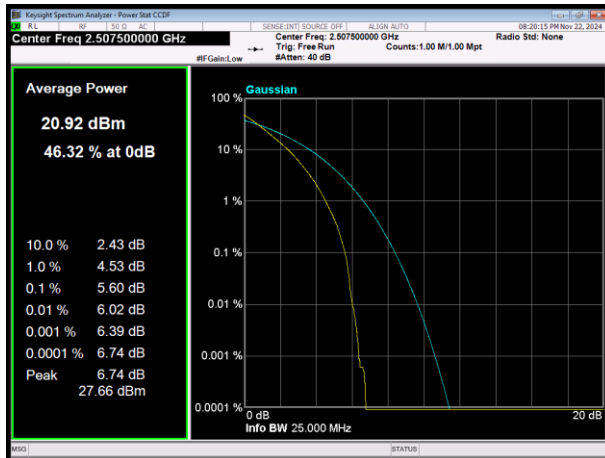
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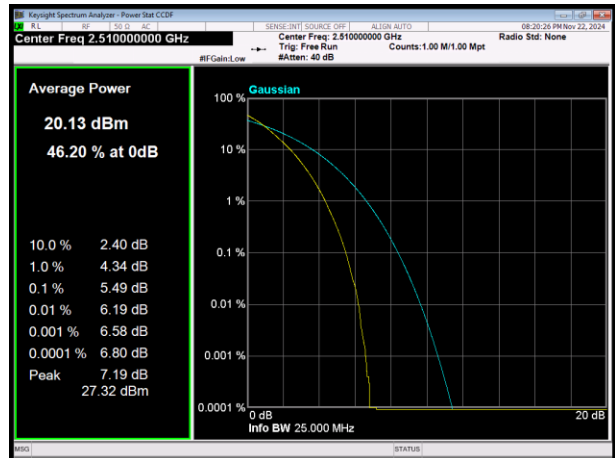
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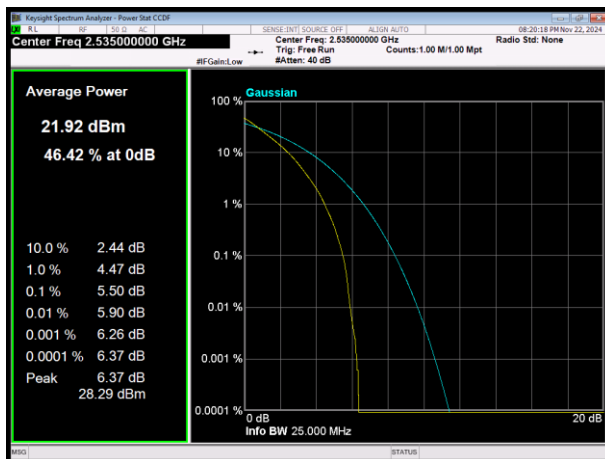
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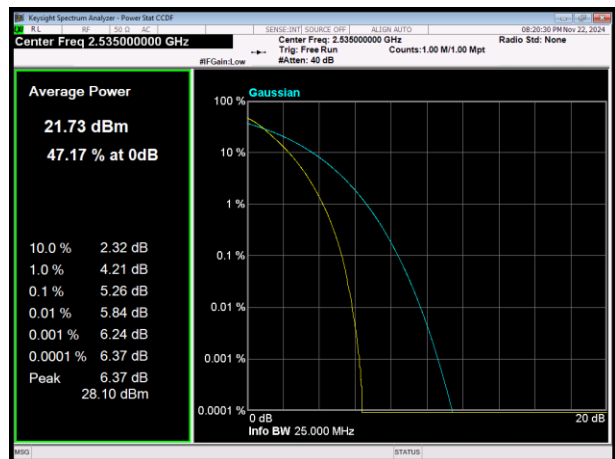
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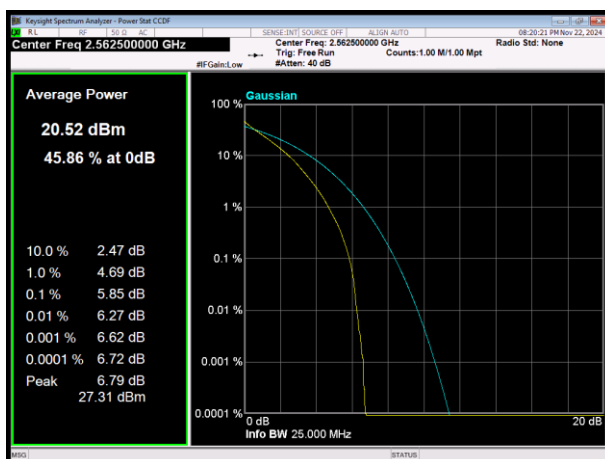
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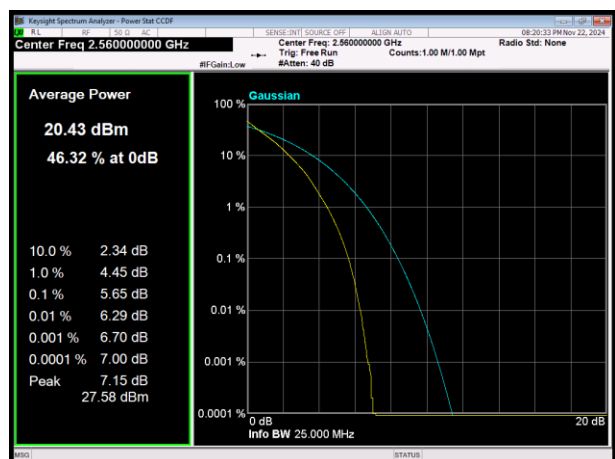
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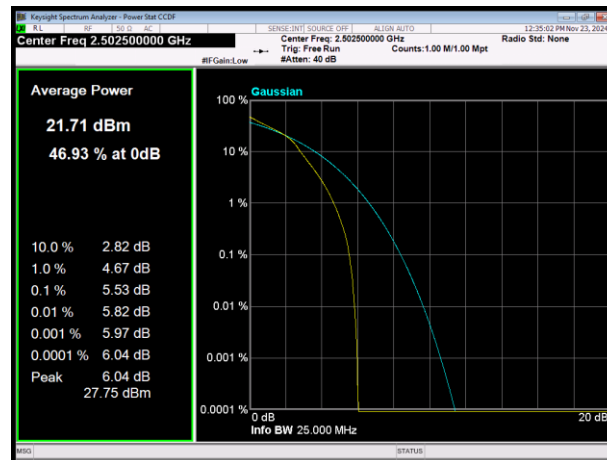
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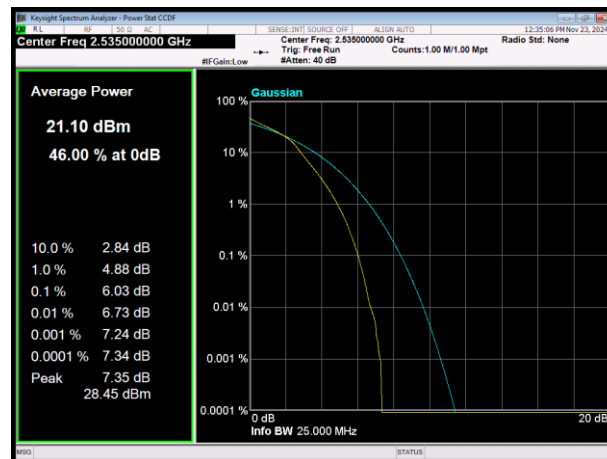
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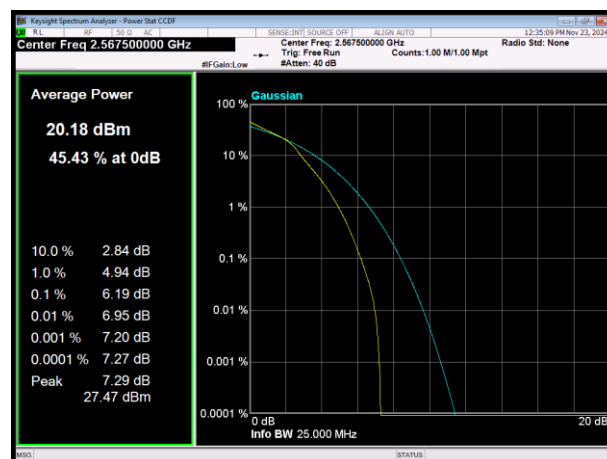
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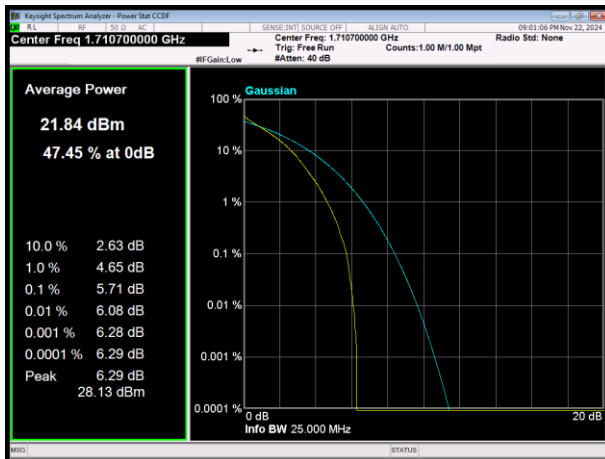
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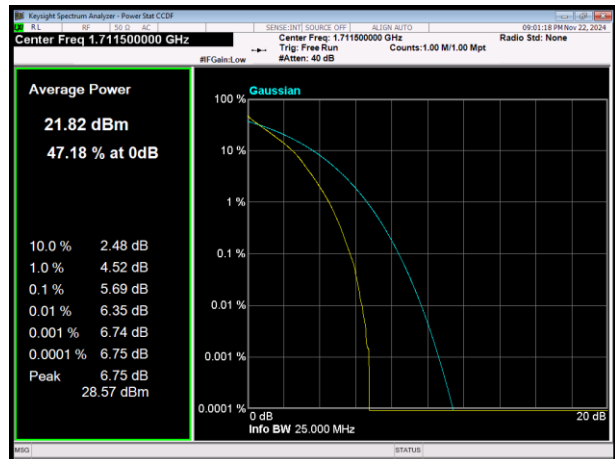
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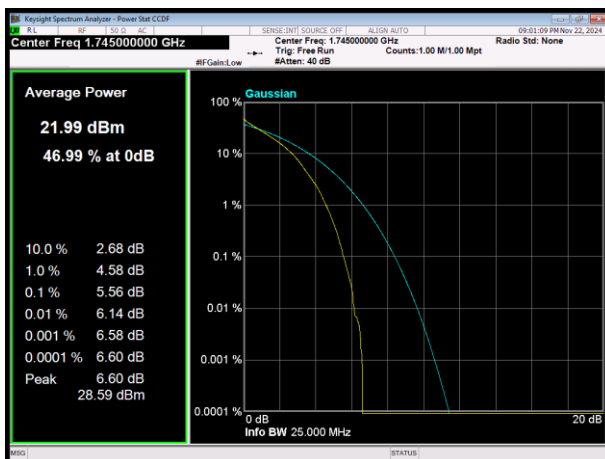
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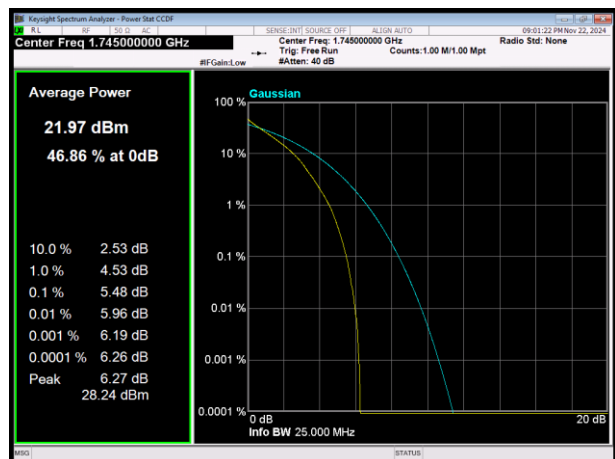
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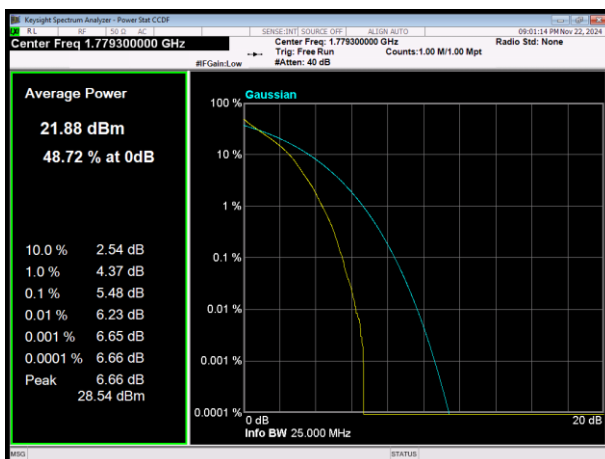
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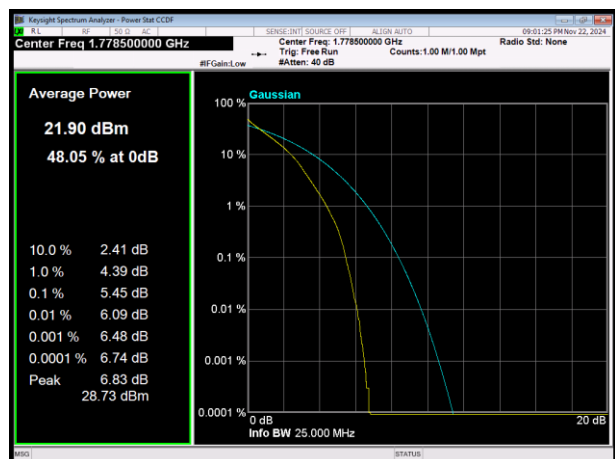
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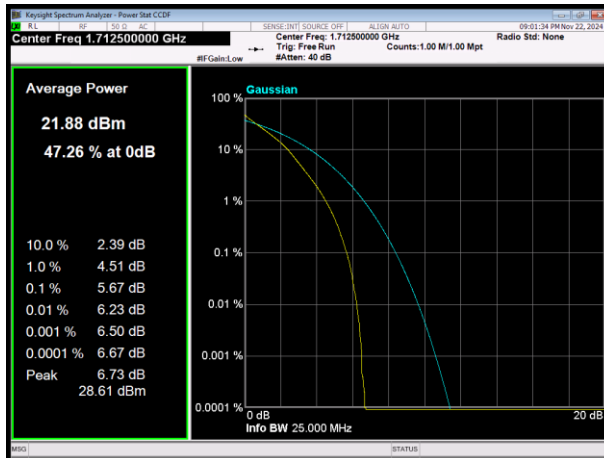
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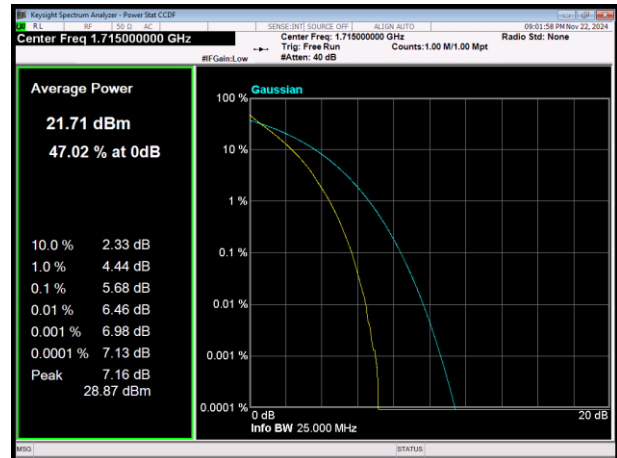
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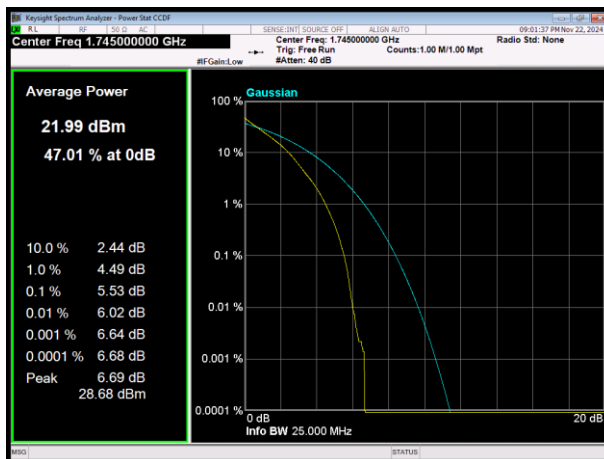
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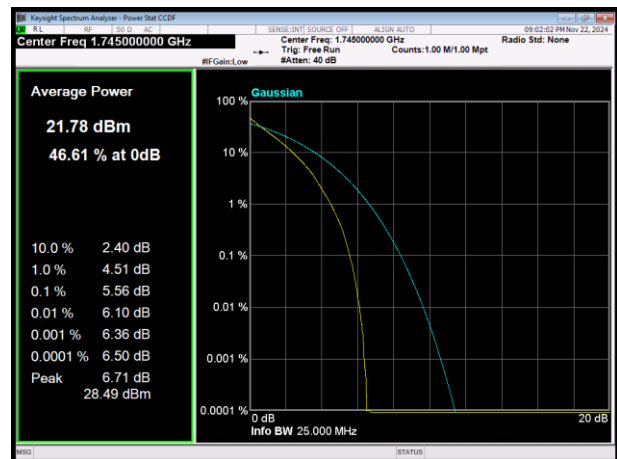
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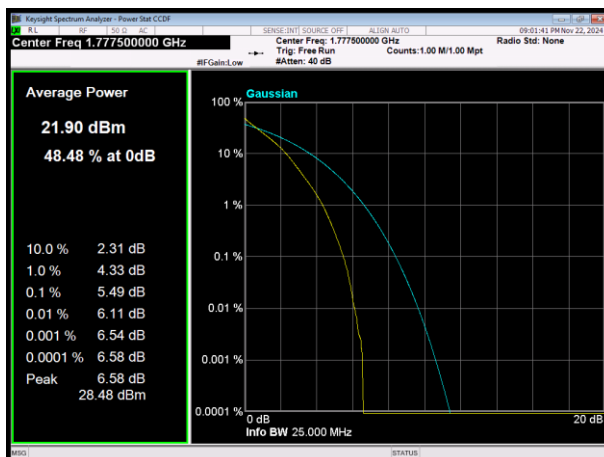
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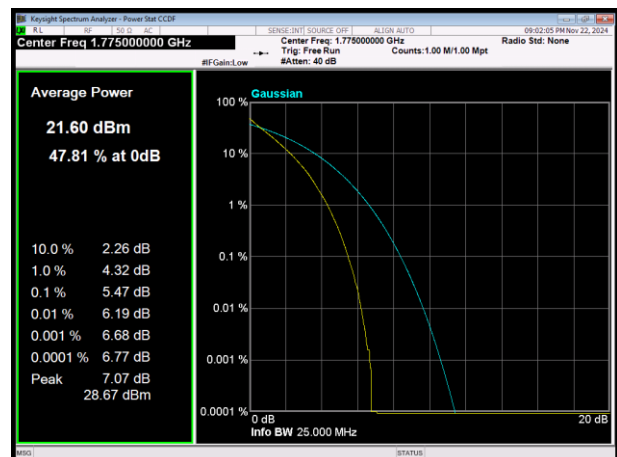
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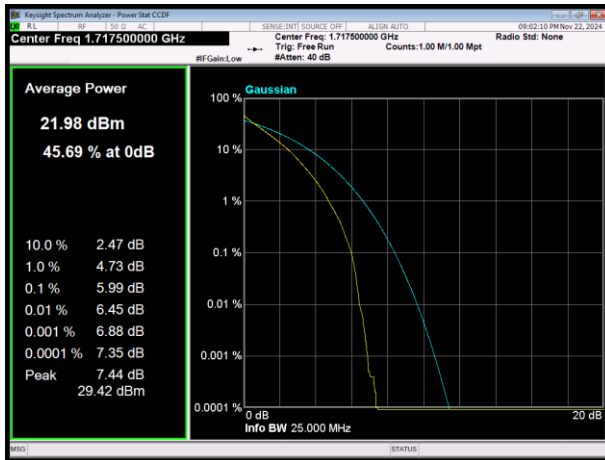
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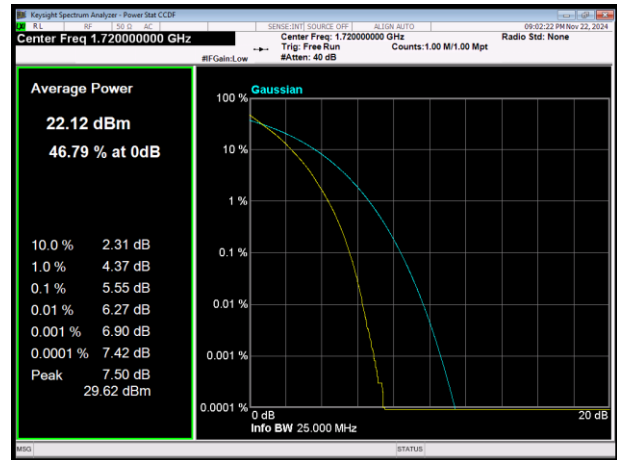
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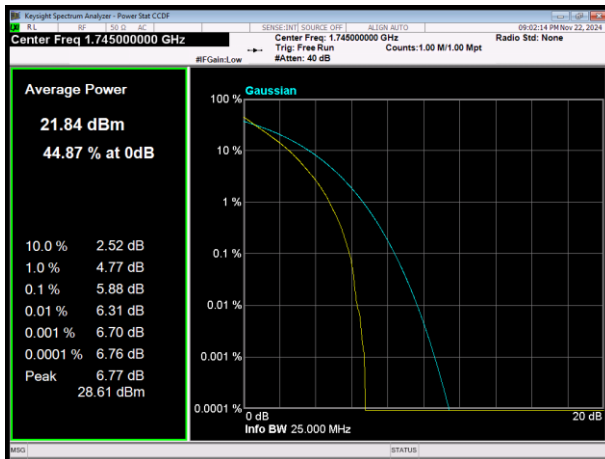
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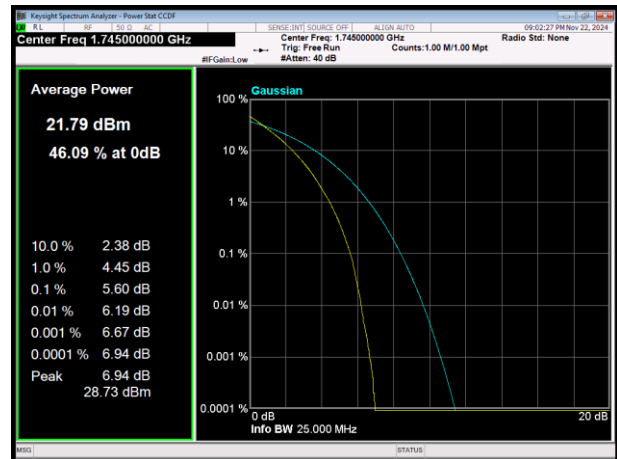
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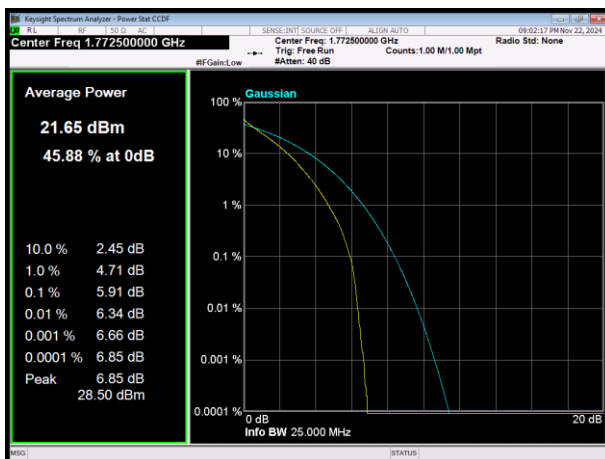
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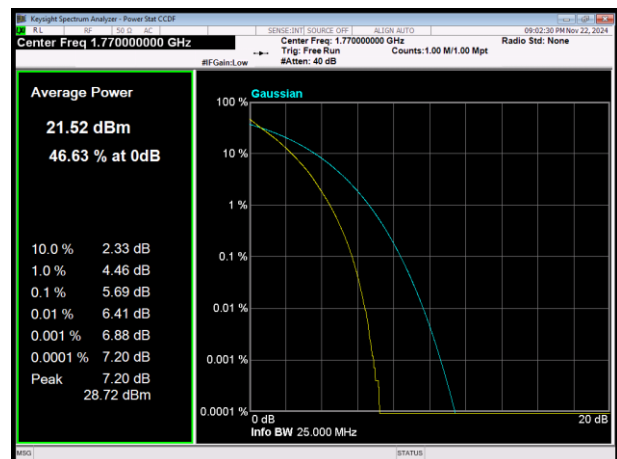
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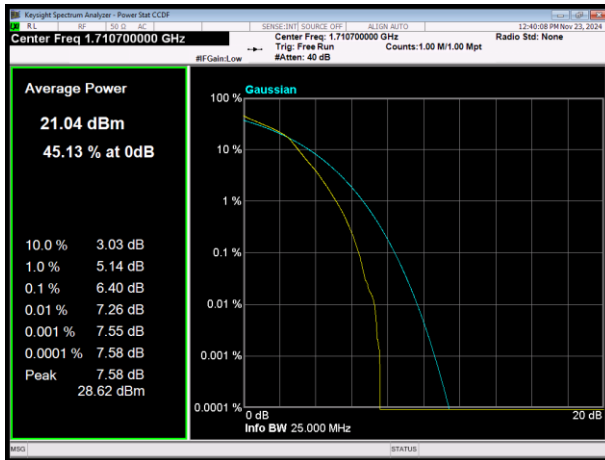
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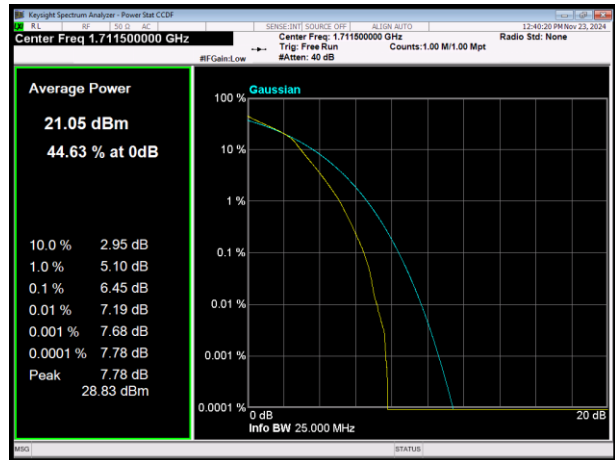
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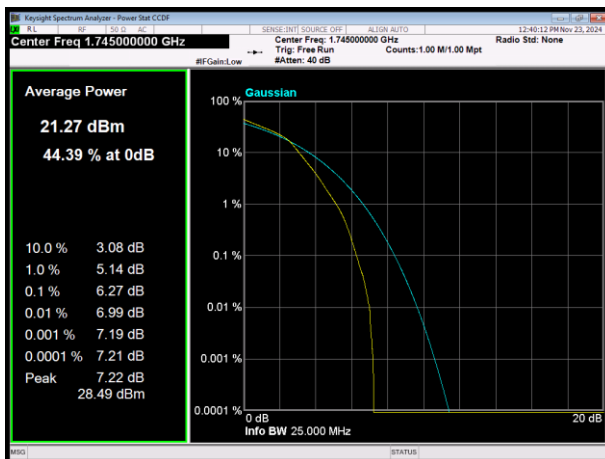
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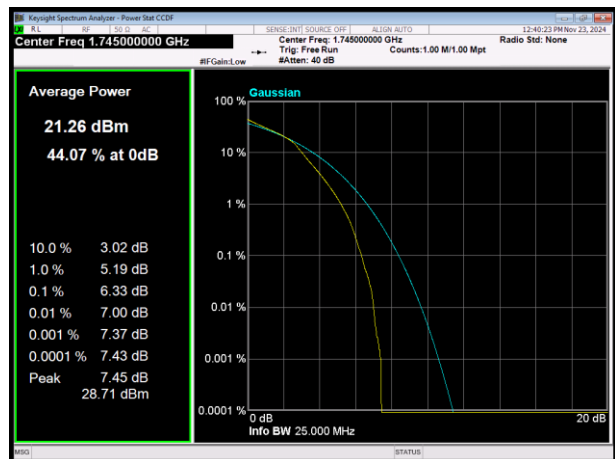
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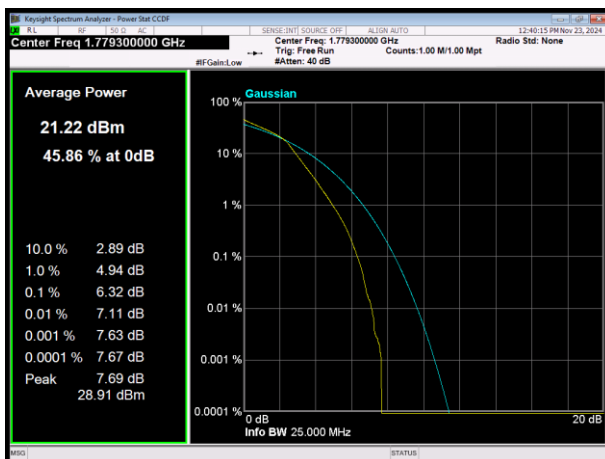
LTE Band 66 16QAM 1.4MHz CH-Middle



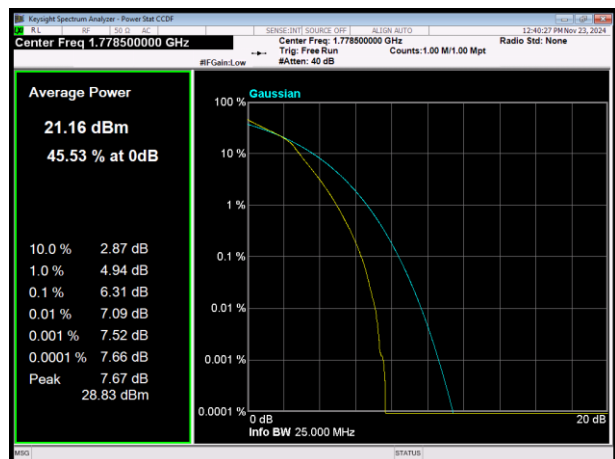
LTE Band 66 16QAM 3MHz CH-Middle



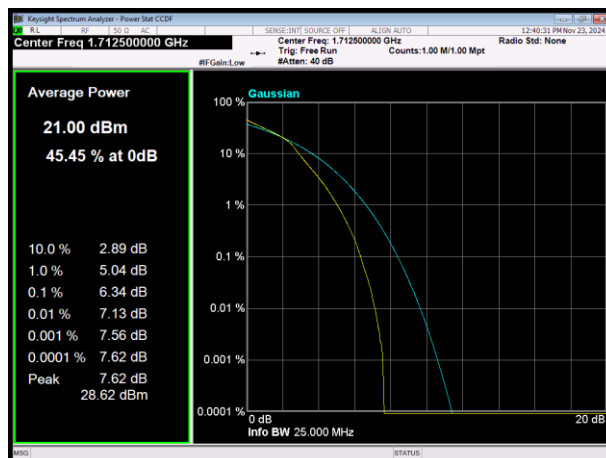
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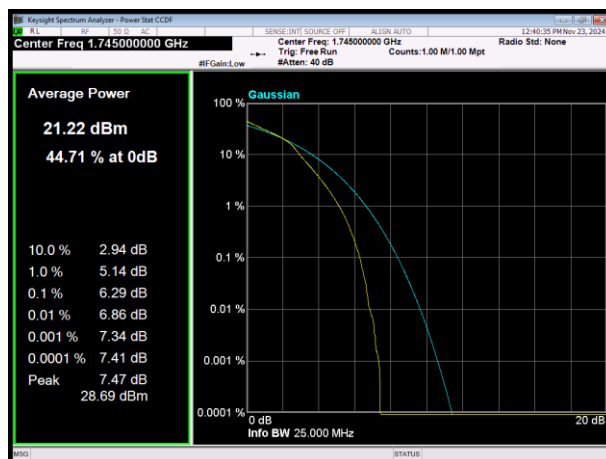
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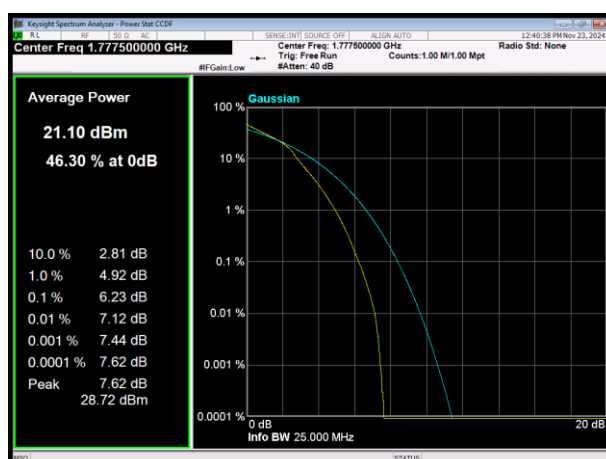
LTE Band 66 16QAM 5MHz CH-Low



LTE Band 66 16QAM 5MHz CH-Middle



LTE Band 66 16QAM 5MHz CH-High



6.5. Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Normal (25°C)	Normal	9.26	0.01107	PASS
	Extreme (50°C)		3.09	0.00370	PASS
	Extreme (40°C)		3.33	0.00398	PASS
	Extreme (30°C)		10.10	0.01208	PASS
	Extreme (20°C)		11.74	0.01403	PASS
	Extreme (10°C)		6.21	0.00742	PASS
	Extreme (0°C)		5.00	0.00597	PASS
	Extreme (-10°C)		14.65	0.01751	PASS
	Extreme (-20°C)		15.39	0.01839	PASS
	Extreme (-30°C)		10.86	0.01298	PASS
	25°C	LV	12.29	0.01469	PASS
		HV	16.45	0.01966	PASS
	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM1900	Normal (25°C)	Normal	11.48	0.00611	PASS
	Extreme (50°C)		2.56	0.00136	PASS
	Extreme (40°C)		13.12	0.00698	PASS
	Extreme (30°C)		13.74	0.00731	PASS
	Extreme (20°C)		6.46	0.00344	PASS
	Extreme (10°C)		5.35	0.00285	PASS
	Extreme (0°C)		2.52	0.00134	PASS
	Extreme (-10°C)		11.34	0.00603	PASS
	Extreme (-20°C)		10.23	0.00544	PASS
	Extreme (-30°C)		15.67	0.00834	PASS
	25°C	LV	12.34	0.00657	PASS
		HV	8.36	0.00444	PASS

BAND2	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND2	Normal (25°C)	Normal	4.79	0.00255	PASS
	Extreme (50°C)		13.89	0.00739	PASS
	Extreme (40°C)		14.12	0.00751	PASS
	Extreme (30°C)		17.14	0.00912	PASS
	Extreme (20°C)		6.42	0.00341	PASS
	Extreme (10°C)		3.90	0.00207	PASS
	Extreme (0°C)		7.47	0.00398	PASS
	Extreme (-10°C)		16.60	0.00883	PASS
	Extreme (-20°C)		15.44	0.00821	PASS
	Extreme (-30°C)		3.04	0.00161	PASS
	25°C	LV	5.00	0.00266	PASS
		HV	5.11	0.00272	PASS
BAND2	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Normal (25°C)	Normal	17.79	0.00946	PASS
	Extreme (50°C)		4.88	0.00260	PASS
	Extreme (40°C)		3.98	0.00211	PASS
	Extreme (30°C)		15.65	0.00833	PASS
	Extreme (20°C)		10.60	0.00564	PASS
	Extreme (10°C)		9.66	0.00514	PASS
	Extreme (0°C)		12.55	0.00668	PASS
	Extreme (-10°C)		10.59	0.00563	PASS
	Extreme (-20°C)		4.35	0.00231	PASS
	Extreme (-30°C)		11.49	0.00611	PASS
	25°C	LV	16.63	0.00885	PASS
		HV	11.33	0.00603	PASS
BAND2	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Normal (25°C)	Normal	3.48	0.00185	PASS
	Extreme (50°C)		11.57	0.00616	PASS
	Extreme (40°C)		17.66	0.00939	PASS
	Extreme (30°C)		9.99	0.00531	PASS
	Extreme (20°C)		17.69	0.00941	PASS
	Extreme (10°C)		10.00	0.00532	PASS

	Extreme (0℃)			6.15	0.00327	PASS
	Extreme (-10℃)			5.31	0.00283	PASS
	Extreme (-20℃)			17.45	0.00928	PASS
	Extreme (-30℃)			4.09	0.00218	PASS
	25℃		LV	4.30	0.00229	PASS
			HV	17.70	0.00942	PASS
BAND2	Condition			Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH		10MHz			
	Temperature		Voltage			
	Normal (25℃)		Normal	3.65	0.00194	PASS
	Extreme (50℃)			6.03	0.00321	PASS
	Extreme (40℃)			9.95	0.00529	PASS
	Extreme (30℃)			15.55	0.00827	PASS
	Extreme (20℃)			11.76	0.00625	PASS
	Extreme (10℃)			11.48	0.00611	PASS
	Extreme (0℃)			17.77	0.00945	PASS
	Extreme (-10℃)			7.64	0.00406	PASS
	Extreme (-20℃)			4.95	0.00263	PASS
	Extreme (-30℃)			10.38	0.00552	PASS
	25℃		LV	10.83	0.00576	PASS
			HV	11.78	0.00626	PASS
BAND2	Condition			Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH		15MHz			
	Temperature		Voltage			
	Normal (25℃)		Normal	8.27	0.00440	PASS
	Extreme (50℃)			1.45	0.00077	PASS
	Extreme (40℃)			8.82	0.00469	PASS
	Extreme (30℃)			15.18	0.00807	PASS
	Extreme (20℃)			15.93	0.00847	PASS
	Extreme (10℃)			9.75	0.00519	PASS
	Extreme (0℃)			7.47	0.00398	PASS
	Extreme (-10℃)			1.15	0.00061	PASS
	Extreme (-20℃)			2.56	0.00136	PASS
	Extreme (-30℃)			7.11	0.00378	PASS
	25℃		LV	13.85	0.00737	PASS
			HV	10.16	0.00540	PASS
BAND2	Condition			Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH		20MHz			
	Temperature		Voltage			
	Normal (25℃)		Normal	6.76	0.00360	PASS

	Extreme (50°C)		2.77	0.00147	PASS
	Extreme (40°C)		6.81	0.00362	PASS
	Extreme (30°C)		14.65	0.00780	PASS
	Extreme (20°C)		14.10	0.00750	PASS
	Extreme (10°C)		14.94	0.00795	PASS
	Extreme (0°C)		4.56	0.00243	PASS
	Extreme (-10°C)		16.23	0.00864	PASS
	Extreme (-20°C)		1.22	0.00065	PASS
	Extreme (-30°C)		8.05	0.00428	PASS
	25°C	LV	16.41	0.00873	PASS
		HV	3.67	0.00195	PASS

BAND4	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	6.00	0.00346	PASS
	Extreme (50°C)		13.00	0.00750	PASS
	Extreme (40°C)		13.00	0.00750	PASS
	Extreme (30°C)		3.00	0.00173	PASS
	Extreme (20°C)		13.00	0.00750	PASS
	Extreme (10°C)		5.00	0.00289	PASS
	Extreme (0°C)		12.00	0.00693	PASS
	Extreme (-10°C)		7.00	0.00404	PASS
	Extreme (-20°C)		3.00	0.00173	PASS
	Extreme (-30°C)		14.00	0.00808	PASS
	25°C	LV	1.00	0.00058	PASS
		HV	5.00	0.00289	PASS
BAND4	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	16.00	0.00924	PASS
	Extreme (50°C)		1.00	0.00058	PASS
	Extreme (40°C)		6.00	0.00346	PASS
	Extreme (30°C)		8.00	0.00462	PASS
	Extreme (20°C)		9.00	0.00519	PASS
	Extreme (10°C)		5.00	0.00289	PASS
	Extreme (0°C)		16.00	0.00924	PASS
	Extreme (-10°C)		4.00	0.00231	PASS
	Extreme (-20°C)		6.00	0.00346	PASS
	Extreme (-30°C)		7.00	0.00404	PASS
	25°C	LV	8.00	0.00462	PASS

		HV	5.00	0.00289	PASS
BAND4	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	17.00	0.00981	PASS
	Extreme (50°C)		17.00	0.00981	PASS
	Extreme (40°C)		13.00	0.00750	PASS
	Extreme (30°C)		10.00	0.00577	PASS
	Extreme (20°C)		5.00	0.00289	PASS
	Extreme (10°C)		3.00	0.00173	PASS
	Extreme (0°C)		7.00	0.00404	PASS
	Extreme (-10°C)		6.00	0.00346	PASS
	Extreme (-20°C)		2.00	0.00115	PASS
	Extreme (-30°C)		5.00	0.00289	PASS
	25°C	LV	9.00	0.00519	PASS
		HV	7.00	0.00404	PASS
BAND4	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	6.00	0.00346	PASS
	Extreme (50°C)		14.00	0.00808	PASS
	Extreme (40°C)		10.00	0.00577	PASS
	Extreme (30°C)		8.00	0.00462	PASS
	Extreme (20°C)		16.00	0.00924	PASS
	Extreme (10°C)		14.00	0.00808	PASS
	Extreme (0°C)		4.00	0.00231	PASS
	Extreme (-10°C)		5.00	0.00289	PASS
	Extreme (-20°C)		4.00	0.00231	PASS
	Extreme (-30°C)		8.00	0.00462	PASS
	25°C	LV	14.00	0.00808	PASS
		HV	13.00	0.00750	PASS
BAND4	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	6.00	0.00346	PASS
	Extreme (50°C)		13.00	0.00750	PASS
	Extreme (40°C)		17.00	0.00981	PASS
	Extreme (30°C)		8.00	0.00462	PASS
	Extreme (20°C)		11.00	0.00635	PASS
	Extreme (10°C)		7.00	0.00404	PASS