

Appendix H: Test Data for E-UTRA Band 66

Product Name: Stackable multifunction charging station

Trade Mark: /

Test Model: SD-C9

Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan

H.1: Effective (Isotropic) Radiated Power Output Data

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.59	22.72	PASS
		1	3	23.32	22.06	PASS
		1	5	23.16	22.03	PASS
		3	0	23.39	22.72	PASS
		3	2	23.07	22.82	PASS
		3	3	23.30	22.23	PASS
		6	0	23.37	22.34	PASS
	MCH	1	0	23.28	22.40	PASS
		1	3	23.24	22.93	PASS
		1	5	23.33	22.15	PASS
		3	0	23.83	22.02	PASS
		3	2	23.36	22.18	PASS
		3	3	23.54	22.87	PASS
		6	0	23.85	22.05	PASS
	HCH	1	0	23.26	22.83	PASS
		1	3	24.00	22.85	PASS
		1	5	23.74	22.66	PASS
		3	0	23.72	22.77	PASS
		3	2	23.26	22.24	PASS
		3	3	23.14	22.28	PASS
		6	0	23.78	22.91	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.60	22.11	PASS
		1	7	23.67	22.11	PASS
		1	14	23.35	22.36	PASS
		8	0	23.62	22.18	PASS
		8	4	23.38	22.21	PASS
		8	7	23.31	22.98	PASS
		15	0	23.74	22.61	PASS
	MCH	1	0	23.87	22.21	PASS
		1	7	23.28	22.18	PASS
		1	14	23.97	22.54	PASS
		8	0	23.19	22.49	PASS
		8	4	23.57	22.77	PASS
		8	7	23.62	22.56	PASS
		15	0	23.82	22.34	PASS
	HCH	1	0	23.69	22.26	PASS
		1	7	23.70	22.25	PASS
		1	14	23.59	22.60	PASS
		8	0	23.82	22.09	PASS
		8	4	23.03	22.13	PASS
		8	7	23.63	22.77	PASS
		15	0	23.37	22.86	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.48	22.29	PASS
		1	12	23.73	22.50	PASS
		1	24	23.89	22.33	PASS
		12	0	23.97	22.30	PASS
		12	6	23.13	22.67	PASS
		12	13	23.52	22.64	PASS
		25	0	23.35	22.18	PASS
	MCH	1	0	23.04	22.36	PASS
		1	12	23.62	22.71	PASS
		1	24	23.75	22.57	PASS
		12	0	23.83	22.82	PASS
		12	6	23.66	22.18	PASS
		12	13	23.71	22.18	PASS
		25	0	23.60	22.50	PASS
	HCH	1	0	23.62	22.54	PASS
		1	12	23.52	22.59	PASS
		1	24	23.13	22.34	PASS
		12	0	23.72	22.37	PASS
		12	6	23.75	22.44	PASS
		12	13	24.00	22.40	PASS
		25	0	23.95	22.77	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.65	22.27	PASS
		1	24	23.68	22.19	PASS
		1	49	23.76	22.69	PASS
		25	0	23.56	22.81	PASS
		25	12	23.95	22.47	PASS
		25	25	23.94	22.14	PASS
		50	0	23.32	22.26	PASS
	MCH	1	0	23.47	22.99	PASS
		1	24	23.68	22.93	PASS
		1	49	23.73	22.41	PASS
		25	0	23.97	22.70	PASS
		25	12	23.95	23.00	PASS
		25	25	23.34	22.60	PASS
		50	0	23.14	22.35	PASS
	HCH	1	0	23.15	22.22	PASS
		1	24	23.29	22.62	PASS
		1	49	23.37	22.04	PASS
		25	0	23.89	22.85	PASS
		25	12	23.49	22.97	PASS
		25	25	23.09	22.46	PASS
		50	0	23.75	22.94	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.09	22.55	PASS
		1	37	23.19	22.79	PASS
		1	74	23.91	22.17	PASS
		37	0	23.78	22.47	PASS
		37	18	23.32	22.65	PASS
		37	38	23.85	22.86	PASS
		75	0	23.23	22.28	PASS
	MCH	1	0	23.43	22.79	PASS
		1	37	23.49	22.83	PASS
		1	74	23.32	22.70	PASS
		37	0	23.61	22.97	PASS
		37	18	23.65	22.45	PASS
		37	38	23.87	22.42	PASS
		75	0	23.65	22.77	PASS
	HCH	1	0	23.81	22.76	PASS
		1	37	23.58	22.38	PASS
		1	74	23.37	22.47	PASS
		37	0	23.66	22.40	PASS
		37	18	23.67	22.10	PASS
		37	38	23.28	22.41	PASS
		75	0	23.79	22.22	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.50	22.20	PASS
		1	49	23.50	22.82	PASS
		1	99	23.05	22.28	PASS
		50	0	23.72	22.28	PASS
		50	25	23.93	22.79	PASS
		50	50	23.29	22.73	PASS
		100	0	23.50	22.35	PASS
	MCH	1	0	23.14	22.02	PASS
		1	49	23.93	22.76	PASS
		1	99	23.43	22.68	PASS
		50	0	23.10	22.97	PASS
		50	25	23.47	22.14	PASS
		50	50	23.81	22.65	PASS
		100	0	23.52	22.24	PASS
	HCH	1	0	23.40	22.74	PASS
		1	49	23.44	22.38	PASS
		1	99	23.40	22.55	PASS
		50	0	23.27	22.15	PASS
		50	25	23.87	22.09	PASS
		50	50	23.58	22.67	PASS
		100	0	23.68	22.88	PASS

H.2eak-to-Average Ratio (CCDF)

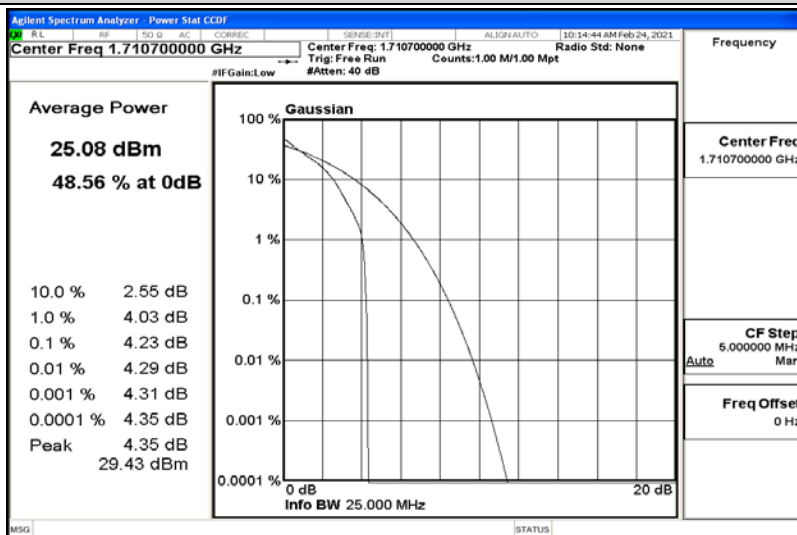
Test Result

Band	Bandwidth	Modulation	Channel	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	4.23	13	PASS
Band66	1.4MHz	QPSK	131979	4.94	13	PASS
Band66	1.4MHz	QPSK	132322	4.41	13	PASS
Band66	1.4MHz	QPSK	132322	5.06	13	PASS
Band66	1.4MHz	QPSK	132665	3.82	13	PASS
Band66	1.4MHz	QPSK	132665	4.40	13	PASS
Band66	1.4MHz	16QAM	131979	5.15	13	PASS
Band66	1.4MHz	16QAM	131979	5.73	13	PASS
Band66	1.4MHz	16QAM	132322	5.19	13	PASS
Band66	1.4MHz	16QAM	132322	5.85	13	PASS
Band66	1.4MHz	16QAM	132665	4.44	13	PASS
Band66	1.4MHz	16QAM	132665	5.25	13	PASS
Band66	3MHz	QPSK	131987	5.32	13	PASS
Band66	3MHz	QPSK	131987	5.08	13	PASS
Band66	3MHz	QPSK	132322	4.39	13	PASS
Band66	3MHz	QPSK	132322	5.11	13	PASS
Band66	3MHz	QPSK	132657	3.83	13	PASS
Band66	3MHz	QPSK	132657	4.56	13	PASS
Band66	3MHz	16QAM	131987	5.26	13	PASS
Band66	3MHz	16QAM	131987	5.87	13	PASS
Band66	3MHz	16QAM	132322	5.31	13	PASS
Band66	3MHz	16QAM	132322	5.87	13	PASS
Band66	3MHz	16QAM	132657	4.72	13	PASS
Band66	3MHz	16QAM	132657	5.42	13	PASS
Band66	5MHz	QPSK	131997	4.36	13	PASS
Band66	5MHz	QPSK	131997	5.14	13	PASS
Band66	5MHz	QPSK	132322	4.36	13	PASS
Band66	5MHz	QPSK	132322	5.13	13	PASS
Band66	5MHz	QPSK	132647	3.90	13	PASS
Band66	5MHz	QPSK	132647	4.60	13	PASS
Band66	5MHz	16QAM	131997	5.26	13	PASS
Band66	5MHz	16QAM	131997	5.92	13	PASS
Band66	5MHz	16QAM	132322	5.18	13	PASS
Band66	5MHz	16QAM	132322	5.89	13	PASS
Band66	5MHz	16QAM	132647	4.81	13	PASS

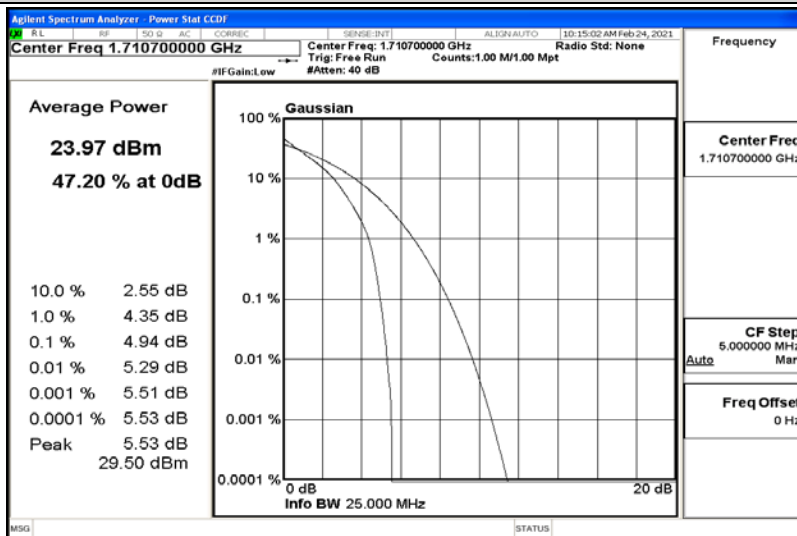
Band66	5MHz	16QAM	132647	5.43	13	PASS
Band66	10MHz	QPSK	132022	4.31	13	PASS
Band66	10MHz	QPSK	132022	5.06	13	PASS
Band66	10MHz	QPSK	132322	4.35	13	PASS
Band66	10MHz	QPSK	132322	5.05	13	PASS
Band66	10MHz	QPSK	132622	3.98	13	PASS
Band66	10MHz	QPSK	132622	4.60	13	PASS
Band66	10MHz	16QAM	132022	5.09	13	PASS
Band66	10MHz	16QAM	132022	5.85	13	PASS
Band66	10MHz	16QAM	132322	5.19	13	PASS
Band66	10MHz	16QAM	132322	5.86	13	PASS
Band66	10MHz	16QAM	132622	4.86	13	PASS
Band66	10MHz	16QAM	132622	5.42	13	PASS
Band66	15MHz	QPSK	132047	5.32	13	PASS
Band66	15MHz	QPSK	132047	5.03	13	PASS
Band66	15MHz	QPSK	132322	4.22	13	PASS
Band66	15MHz	QPSK	132322	5.12	13	PASS
Band66	15MHz	QPSK	132597	4.07	13	PASS
Band66	15MHz	QPSK	132597	4.80	13	PASS
Band66	15MHz	16QAM	132047	5.30	13	PASS
Band66	15MHz	16QAM	132047	5.73	13	PASS
Band66	15MHz	16QAM	132322	5.11	13	PASS
Band66	15MHz	16QAM	132322	5.84	13	PASS
Band66	15MHz	16QAM	132597	4.83	13	PASS
Band66	15MHz	16QAM	132597	5.51	13	PASS
Band66	20MHz	QPSK	132072	4.25	13	PASS
Band66	20MHz	QPSK	132072	4.72	13	PASS
Band66	20MHz	QPSK	132322	4.21	13	PASS
Band66	20MHz	QPSK	132322	4.96	13	PASS
Band66	20MHz	QPSK	132572	4.15	13	PASS
Band66	20MHz	QPSK	132572	4.72	13	PASS
Band66	20MHz	16QAM	132072	5.06	13	PASS
Band66	20MHz	16QAM	132072	5.58	13	PASS
Band66	20MHz	16QAM	132322	5.13	13	PASS
Band66	20MHz	16QAM	132322	5.75	13	PASS
Band66	20MHz	16QAM	132572	4.86	13	PASS
Band66	20MHz	16QAM	132572	5.51	13	PASS

Test Graphs

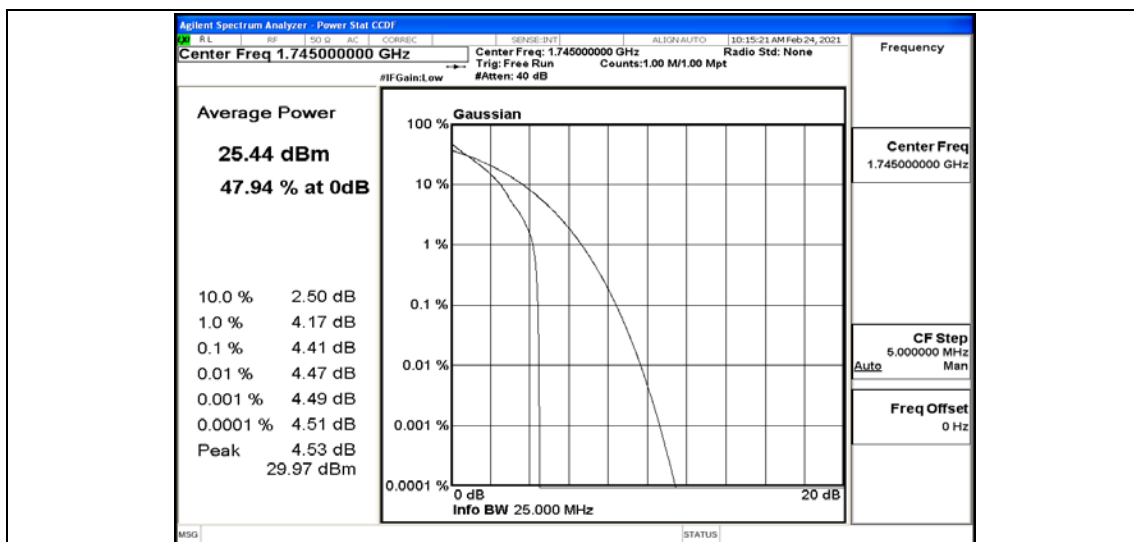
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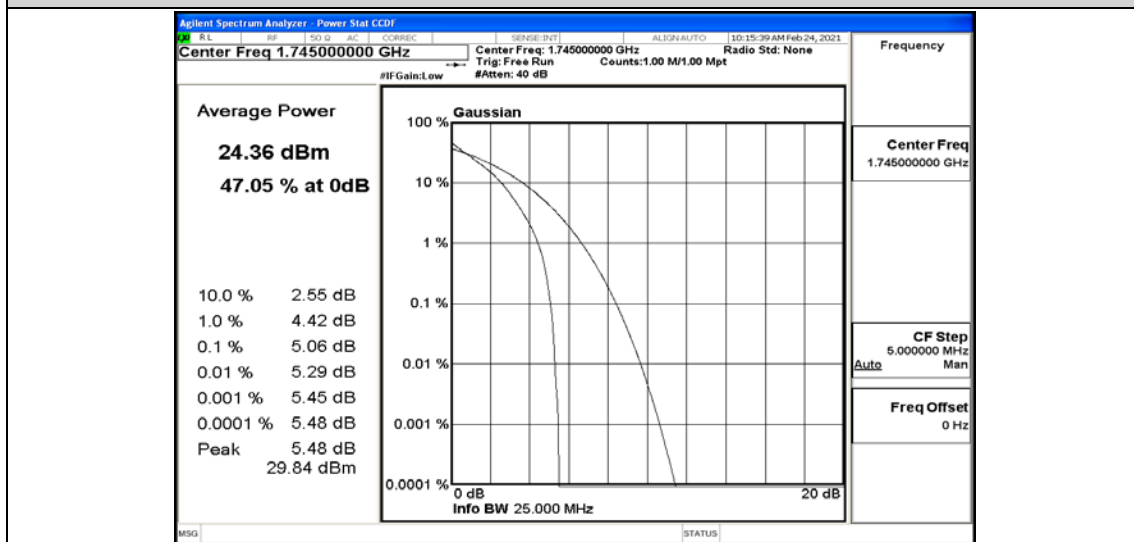
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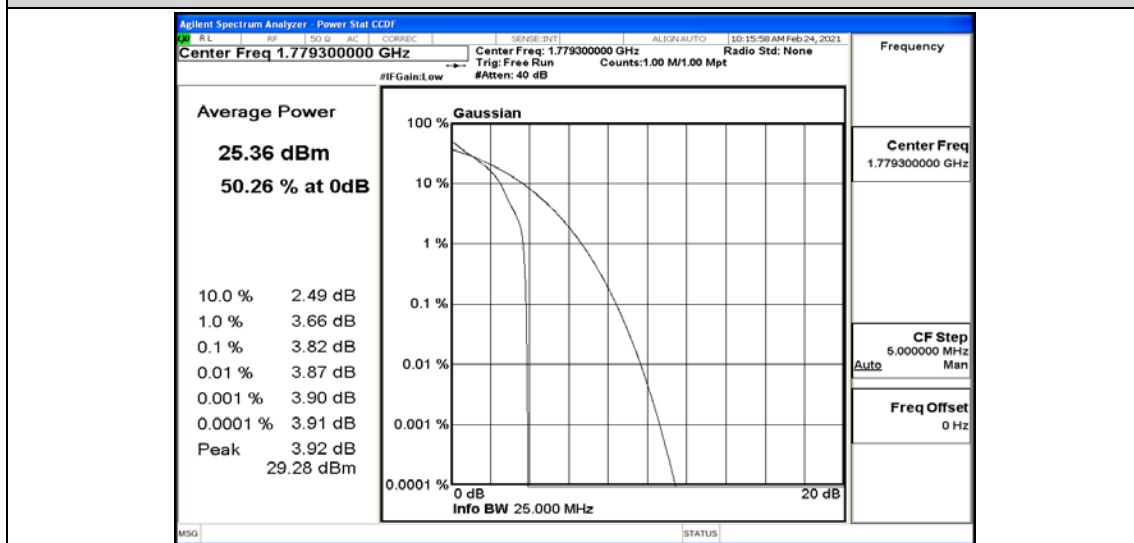
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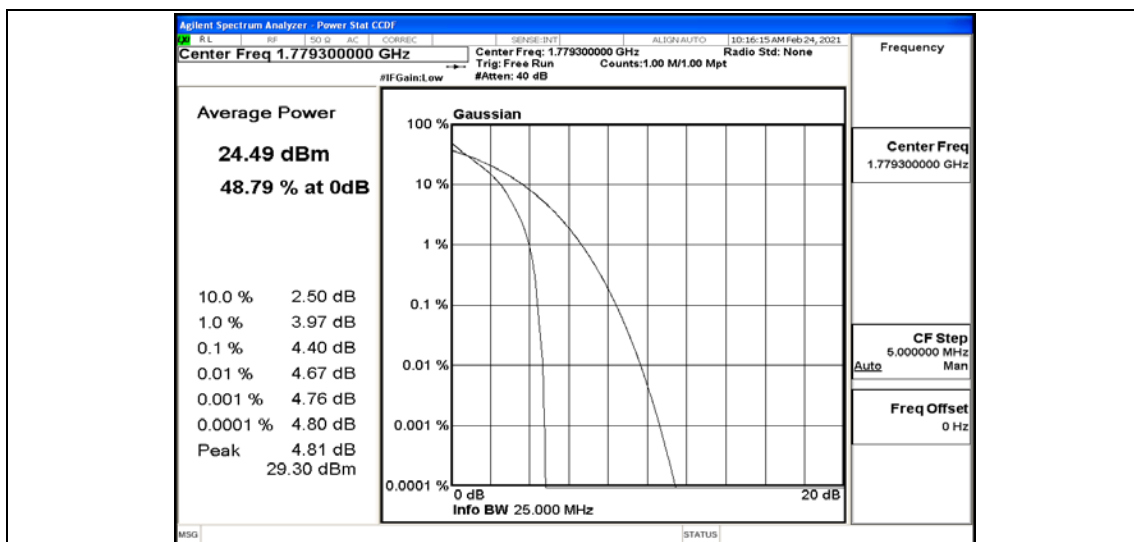
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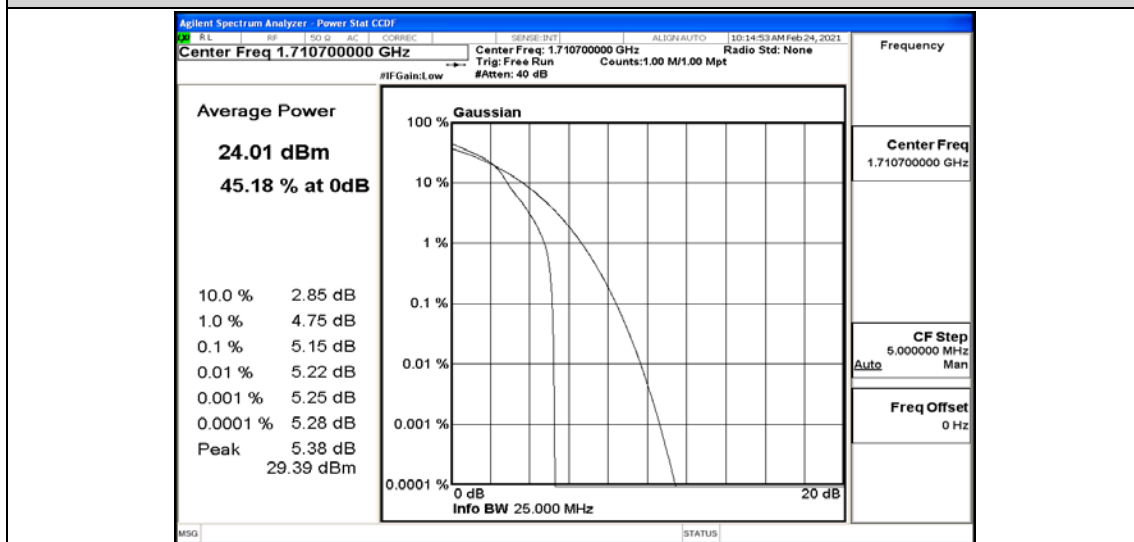
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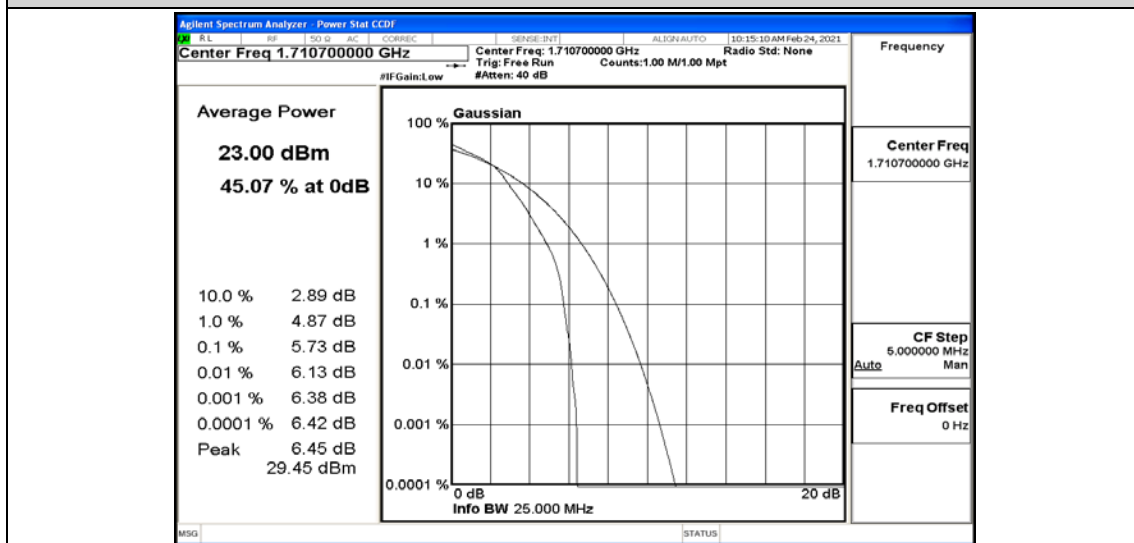
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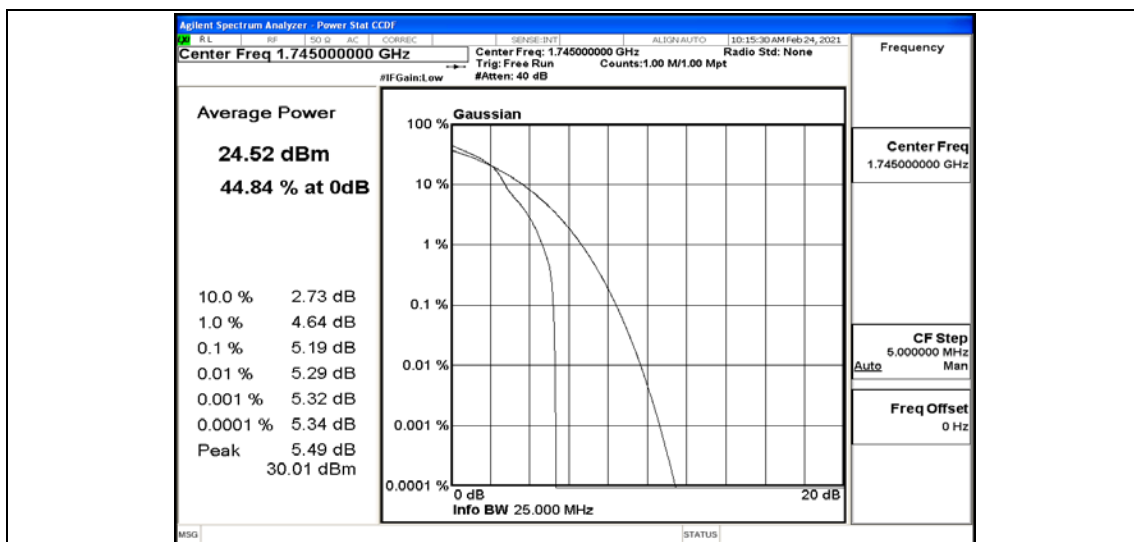
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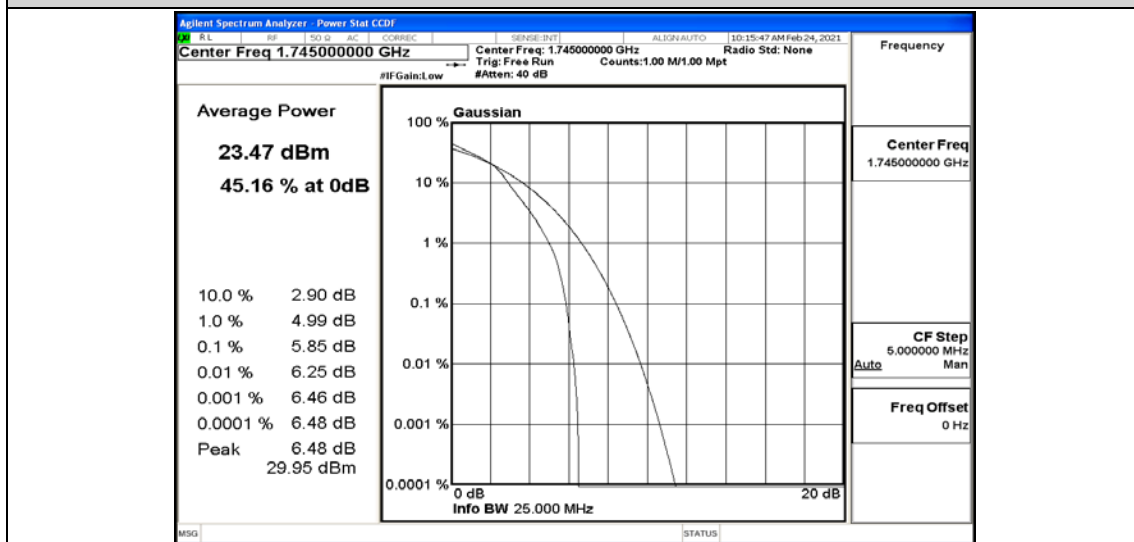
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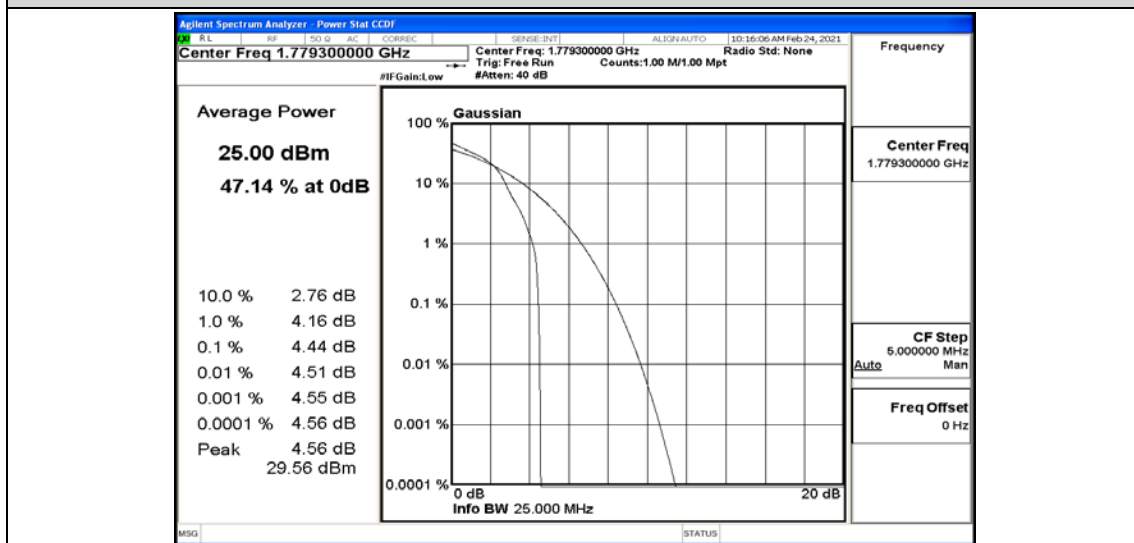
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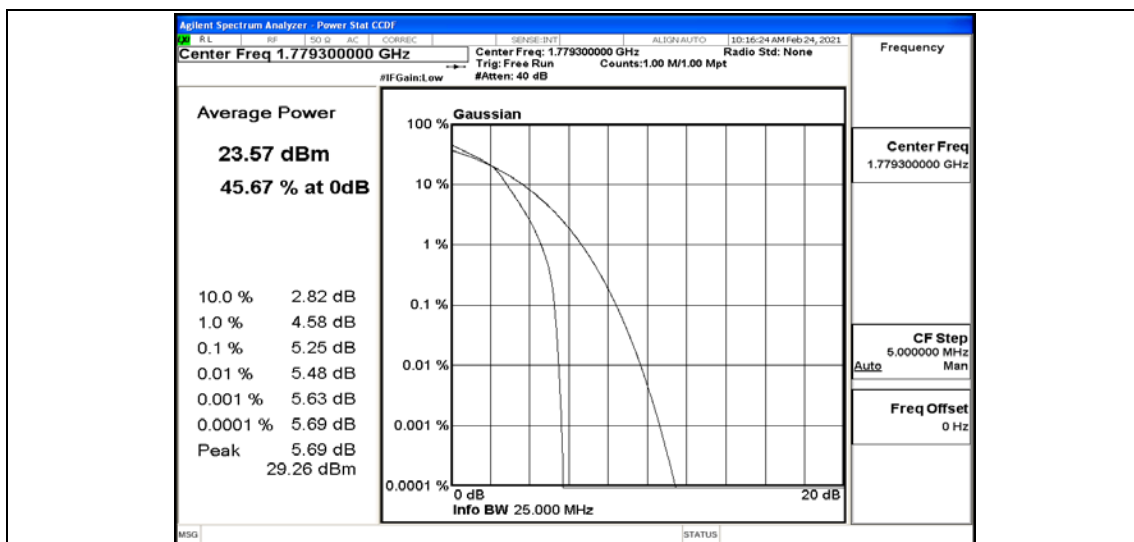
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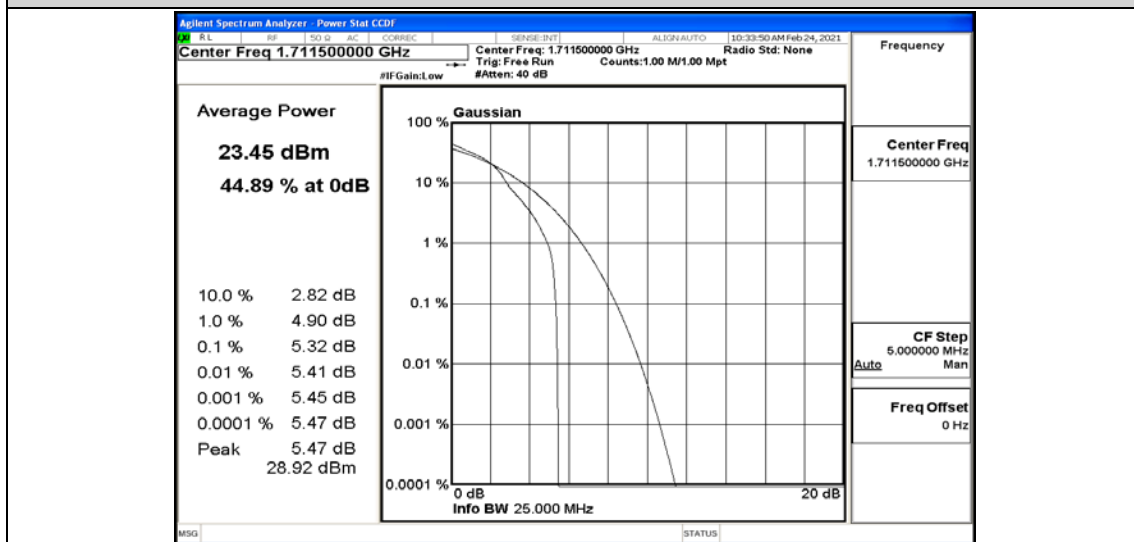
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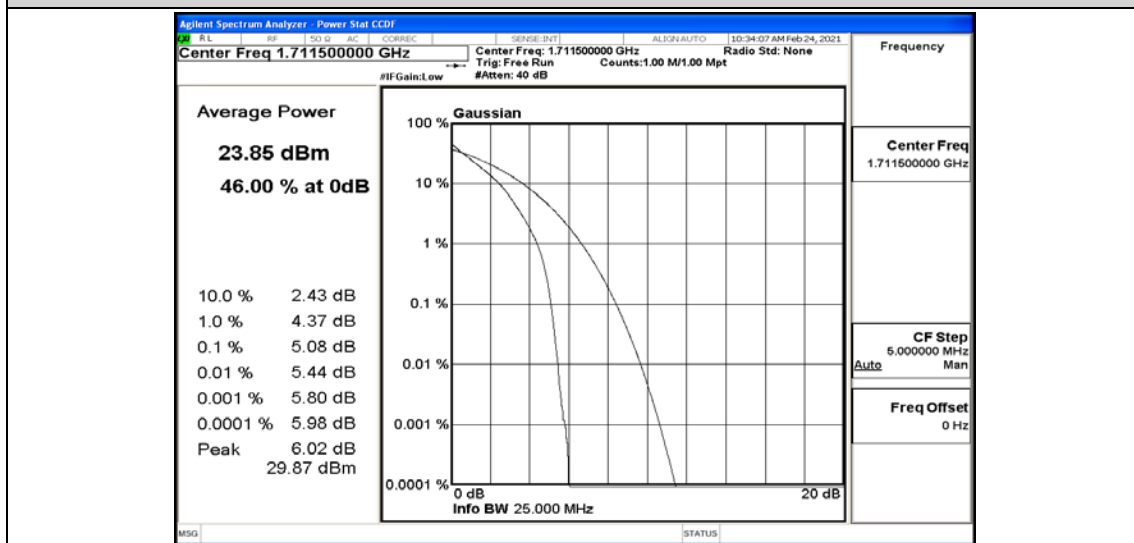
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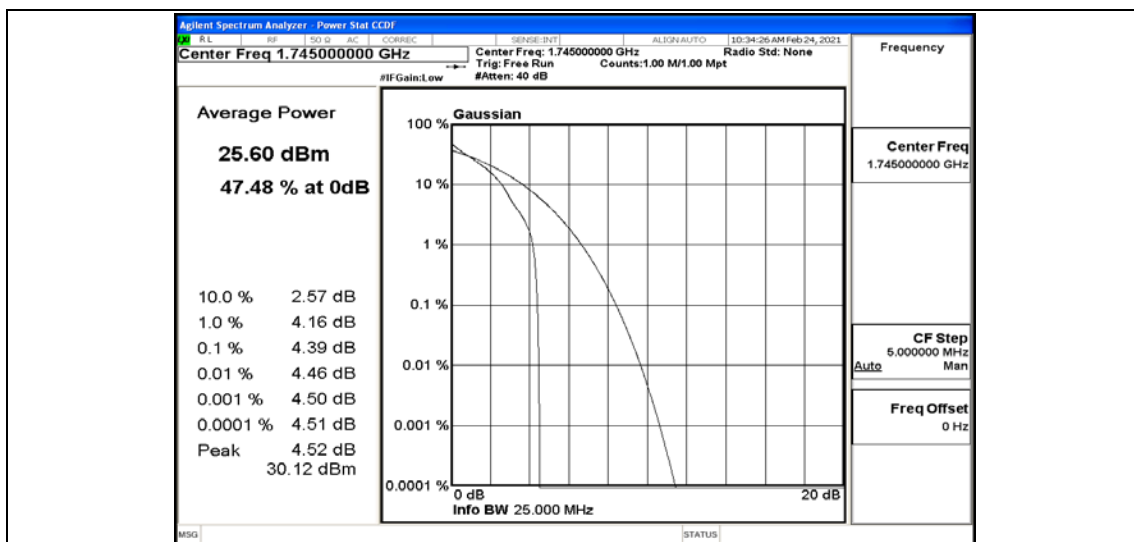
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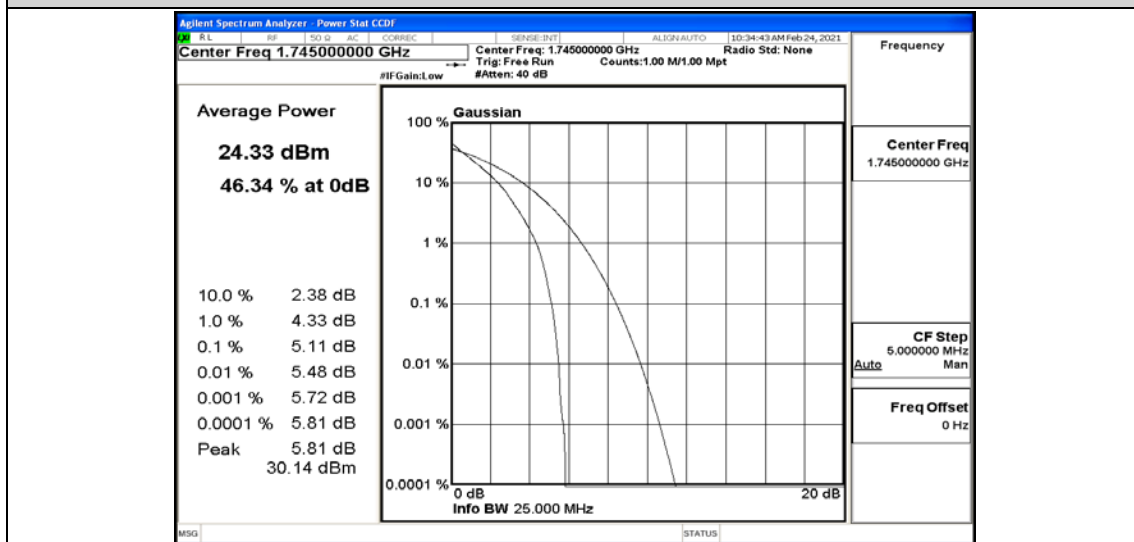
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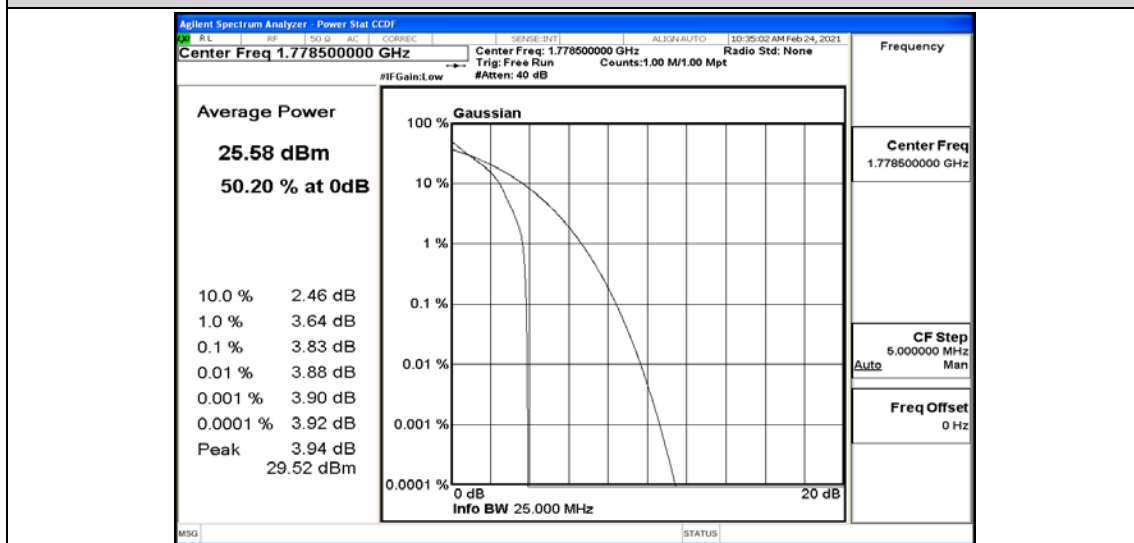
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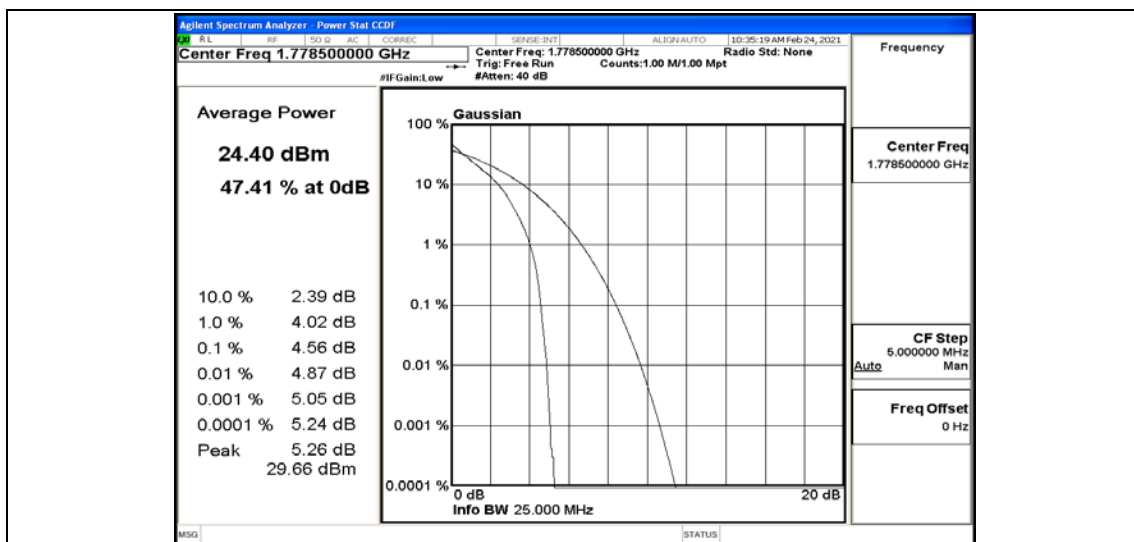
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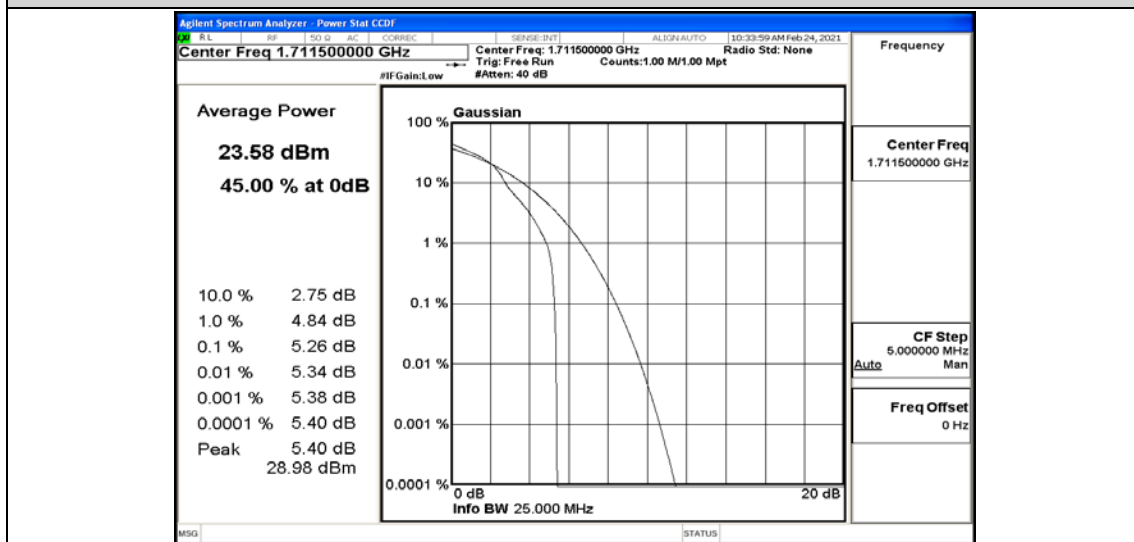
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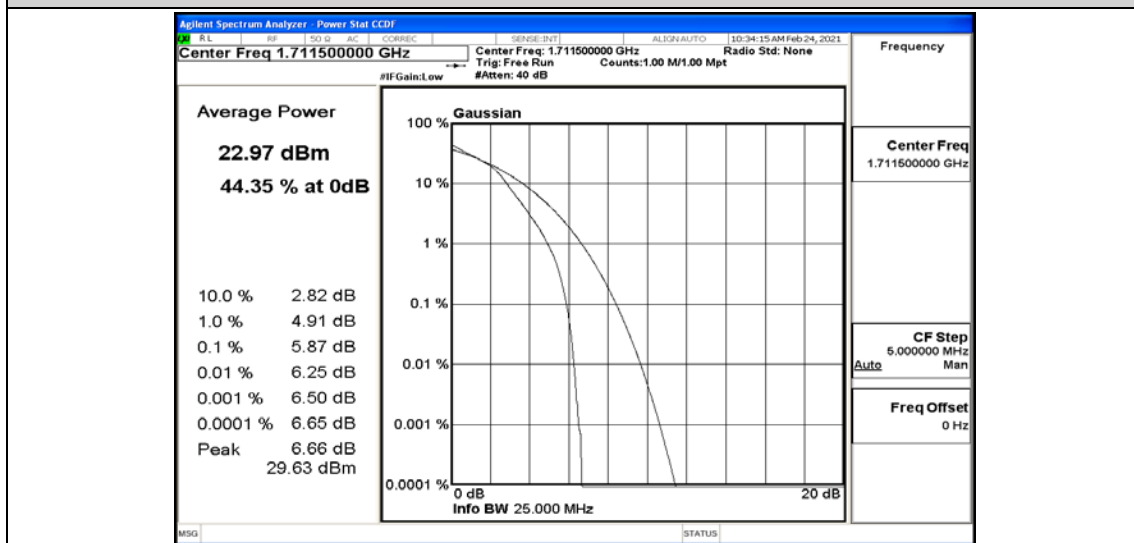
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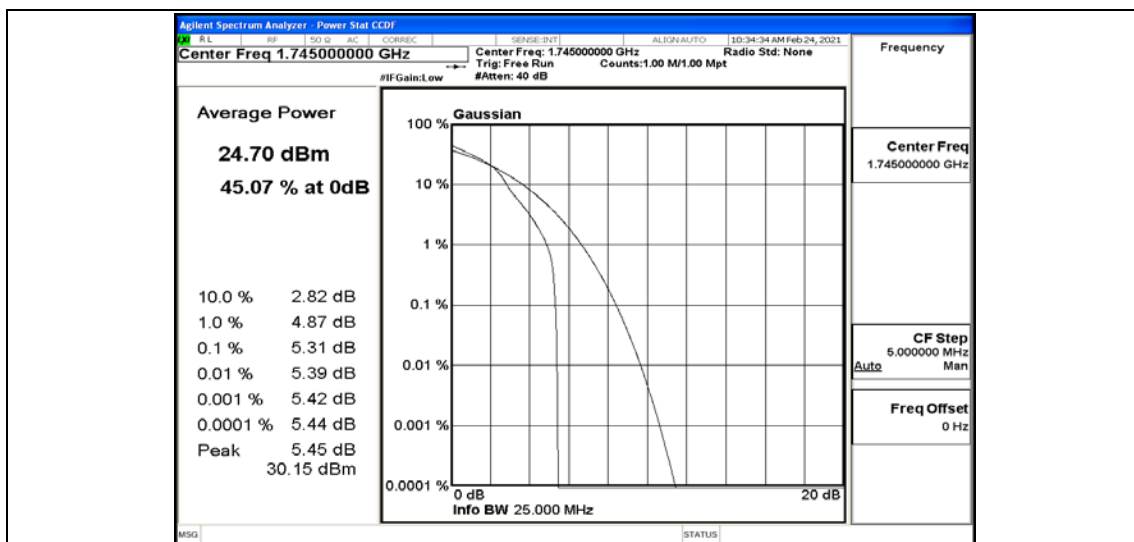
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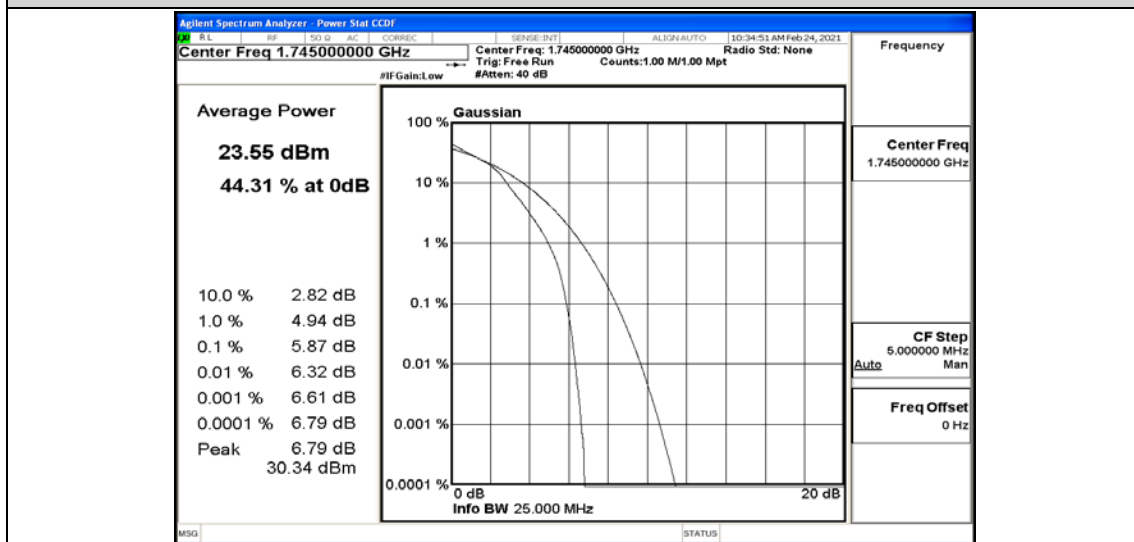
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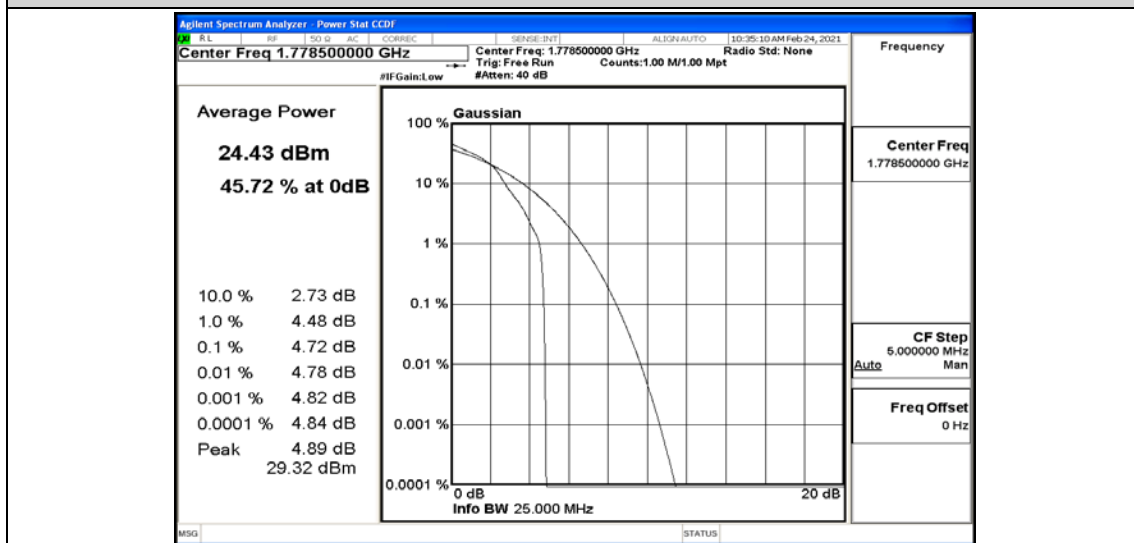
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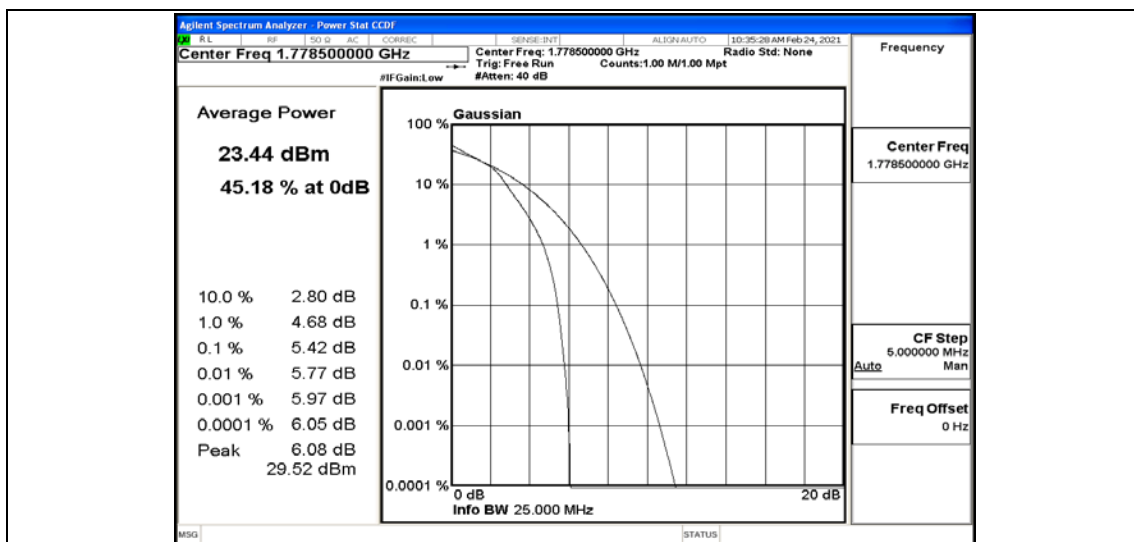
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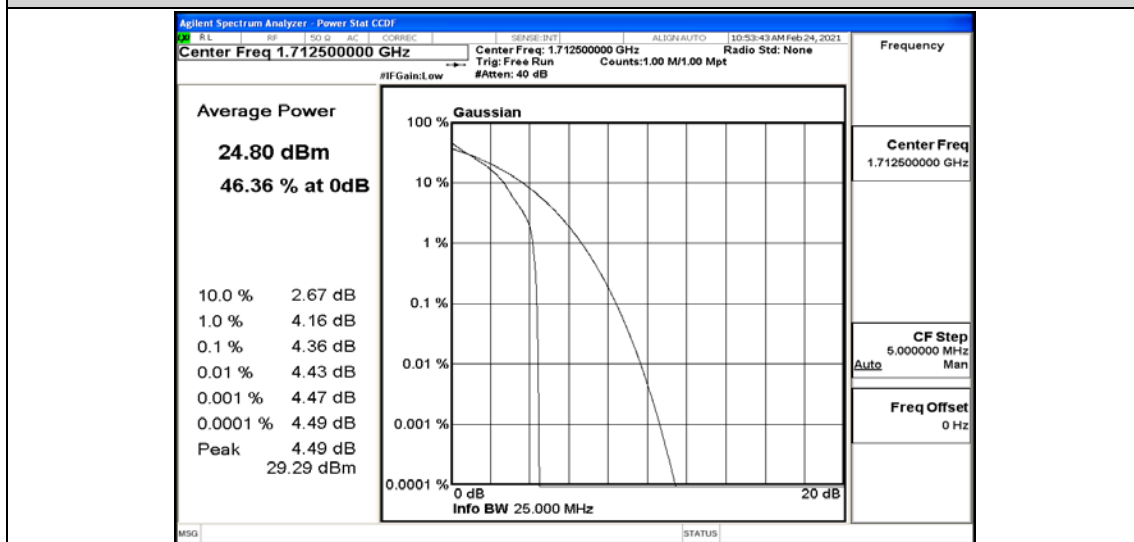
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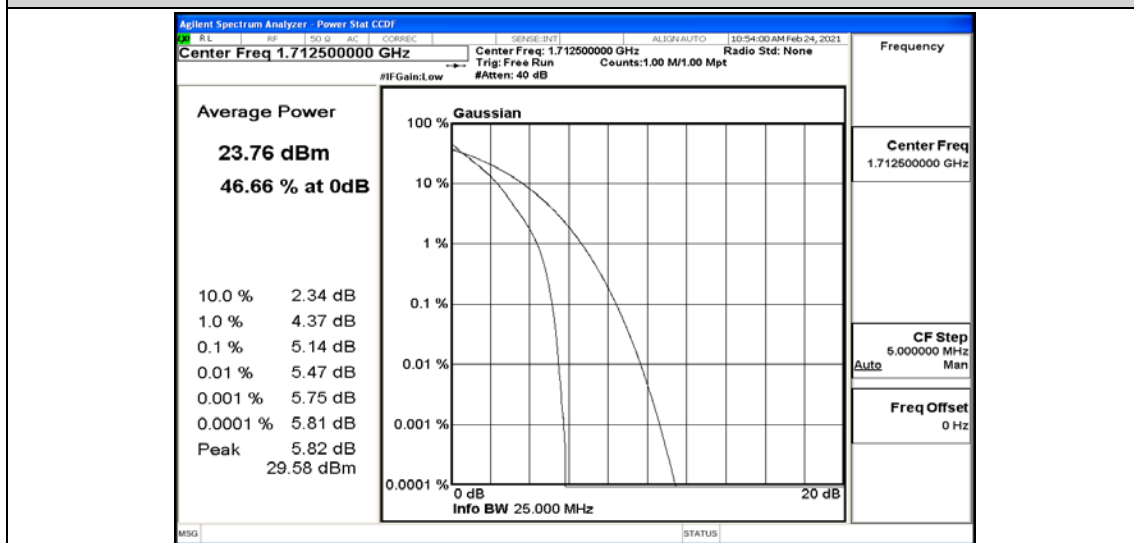
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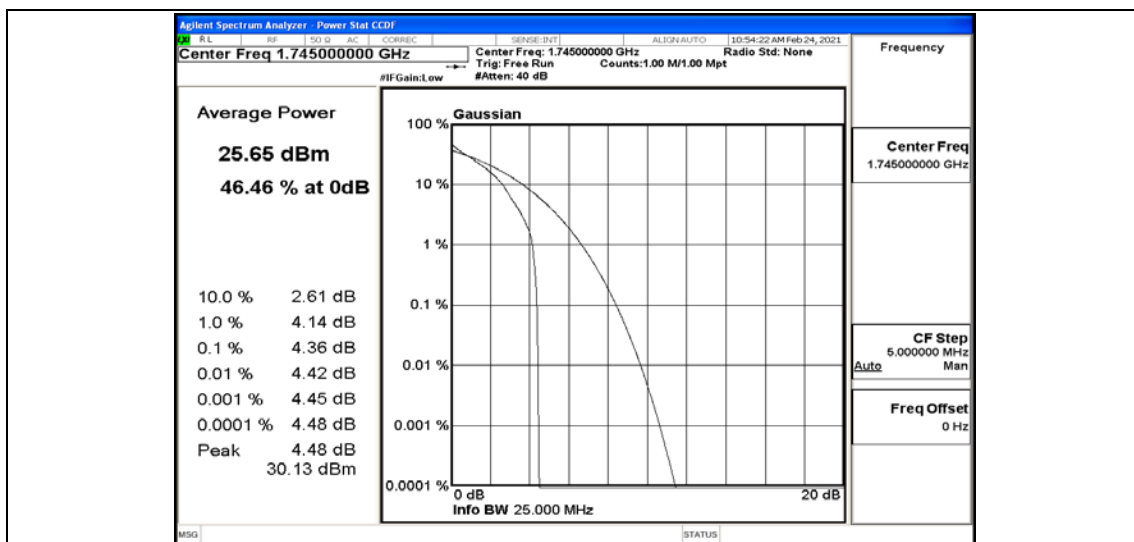
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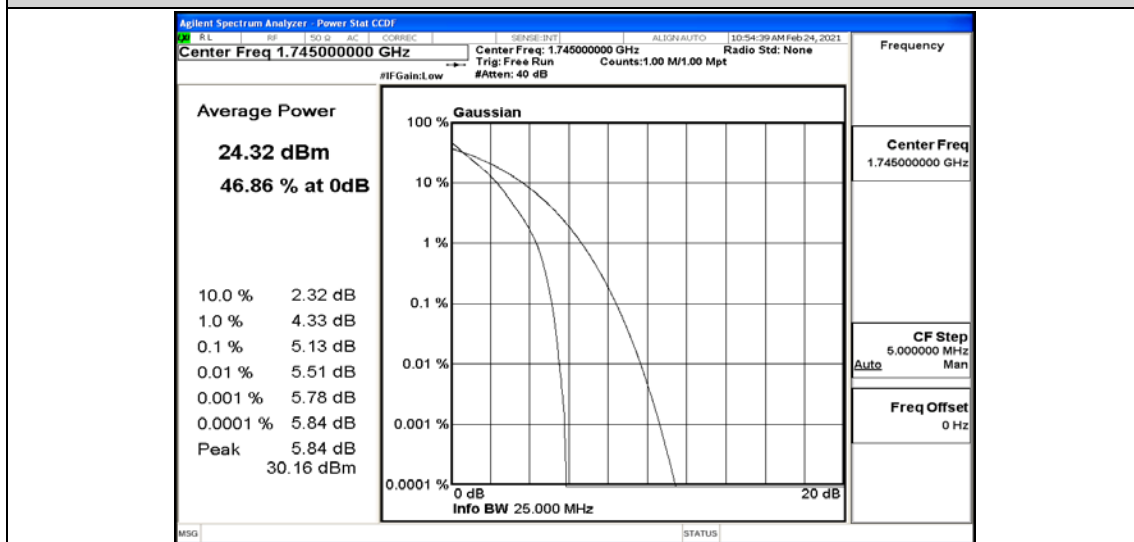
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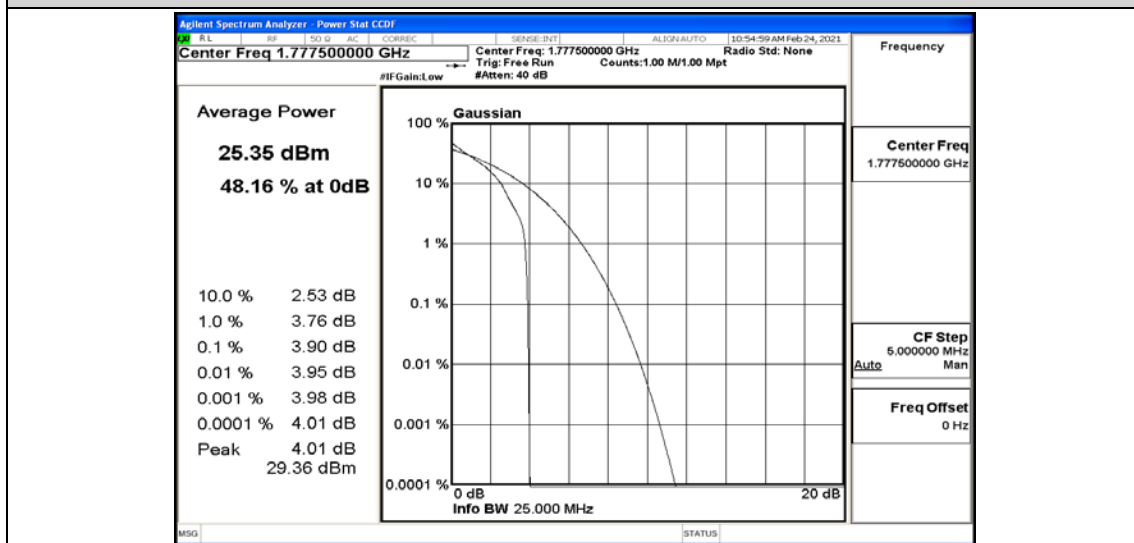
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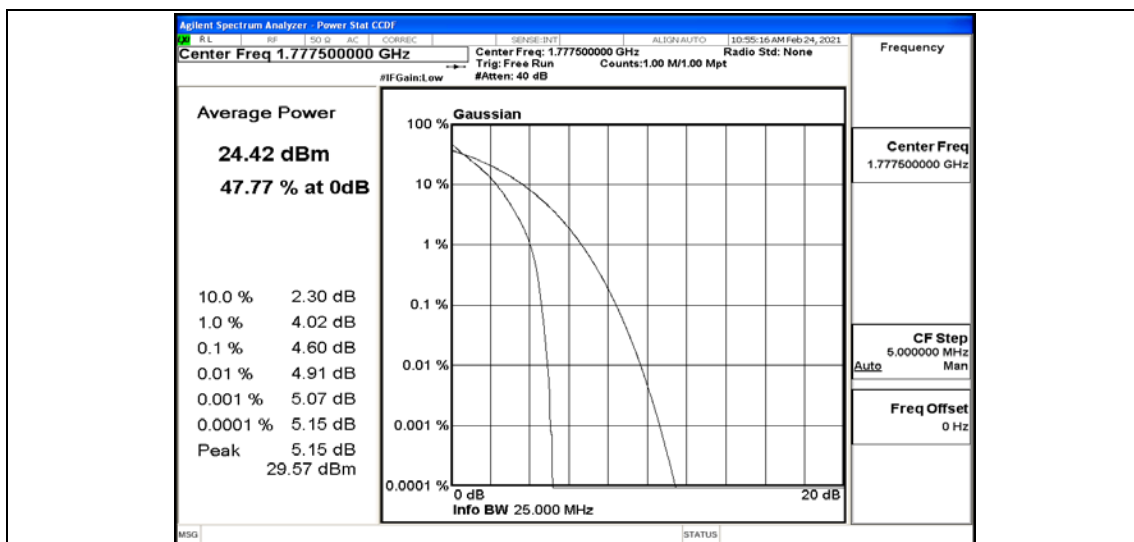
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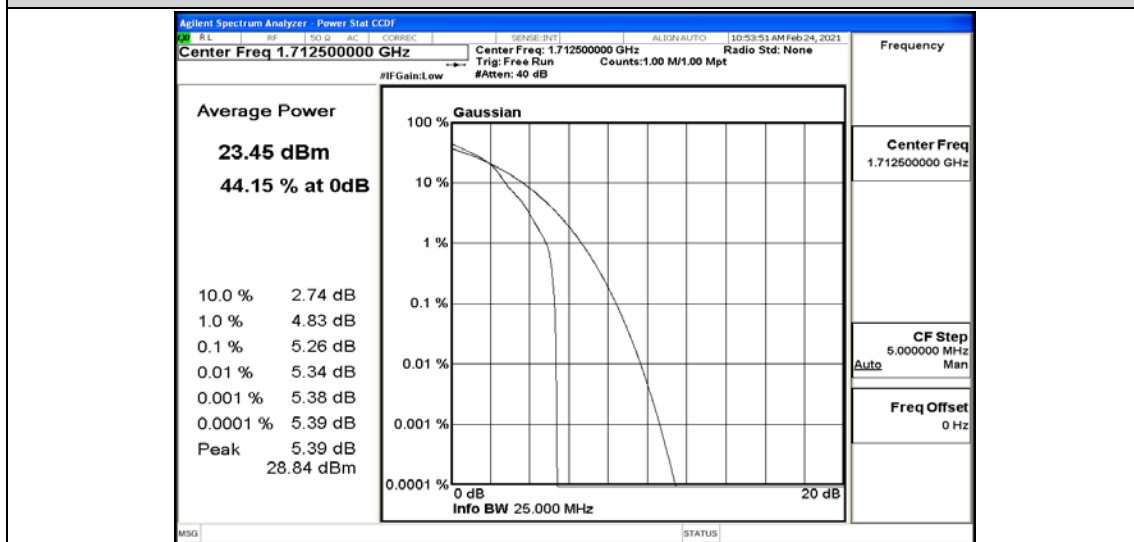
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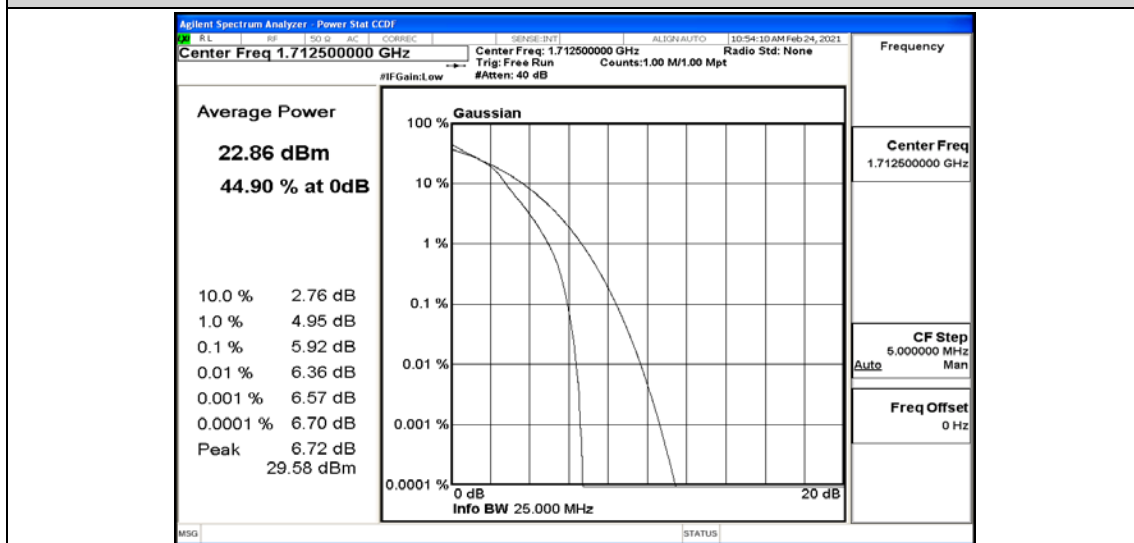
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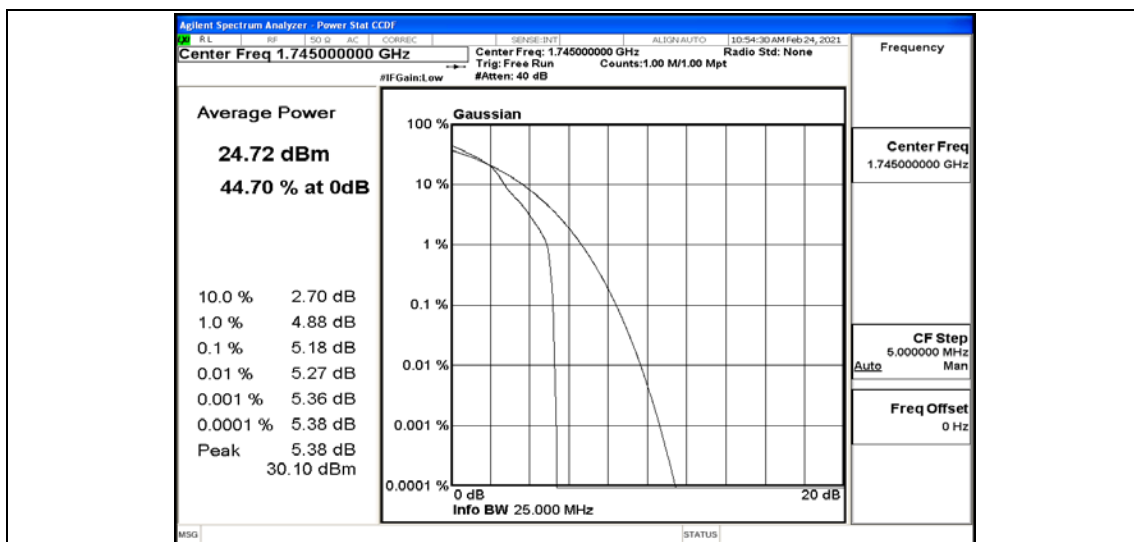
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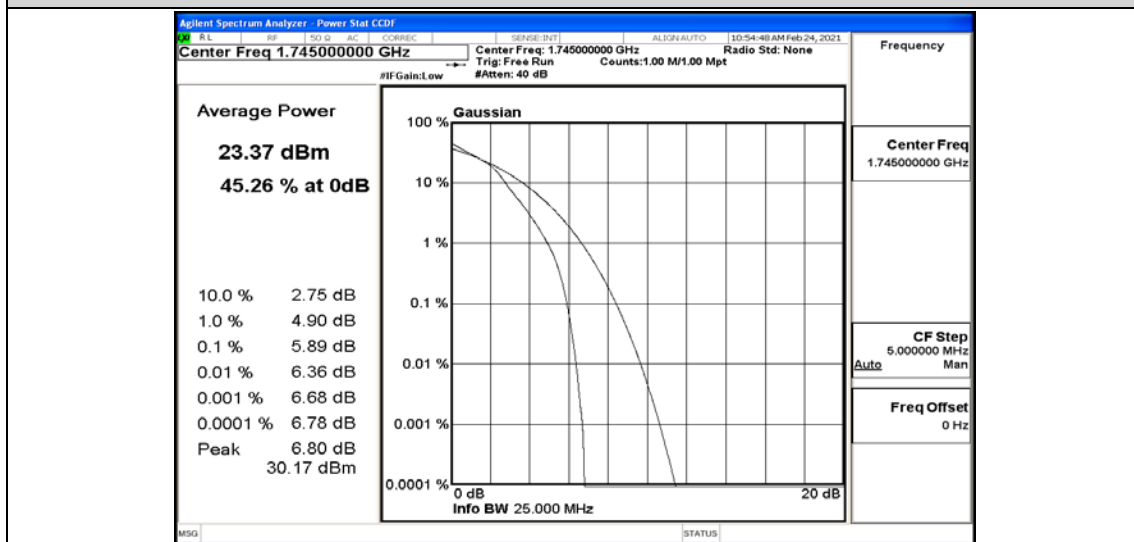
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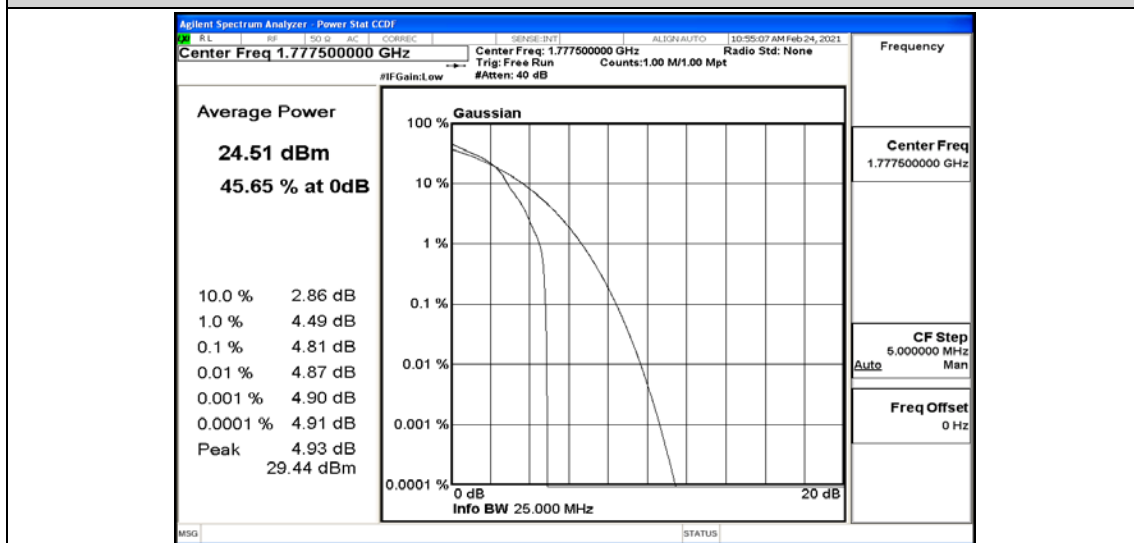
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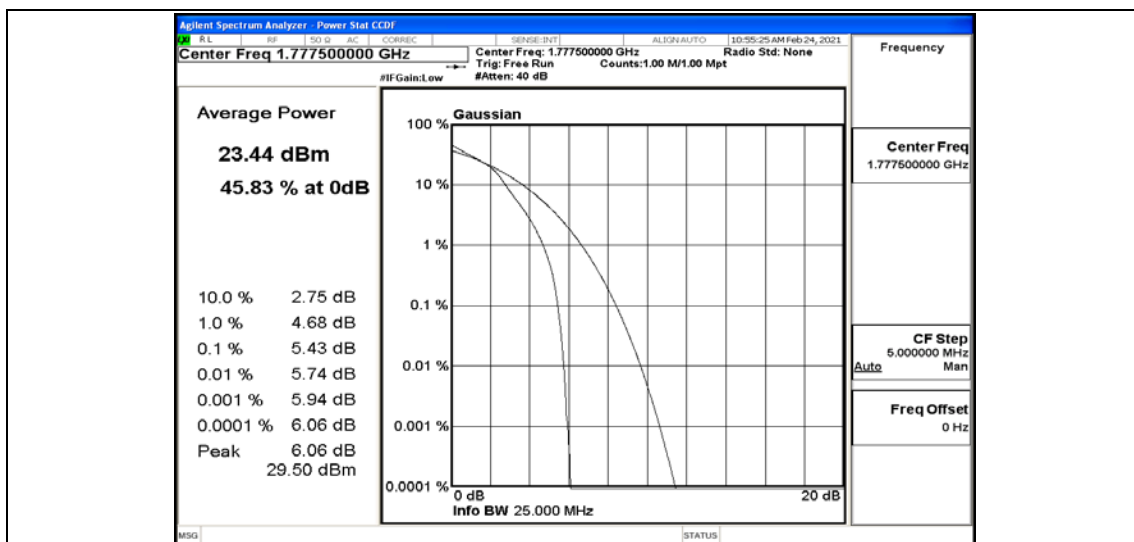
Band66-5MHz-16QAM-132322-25RB#0



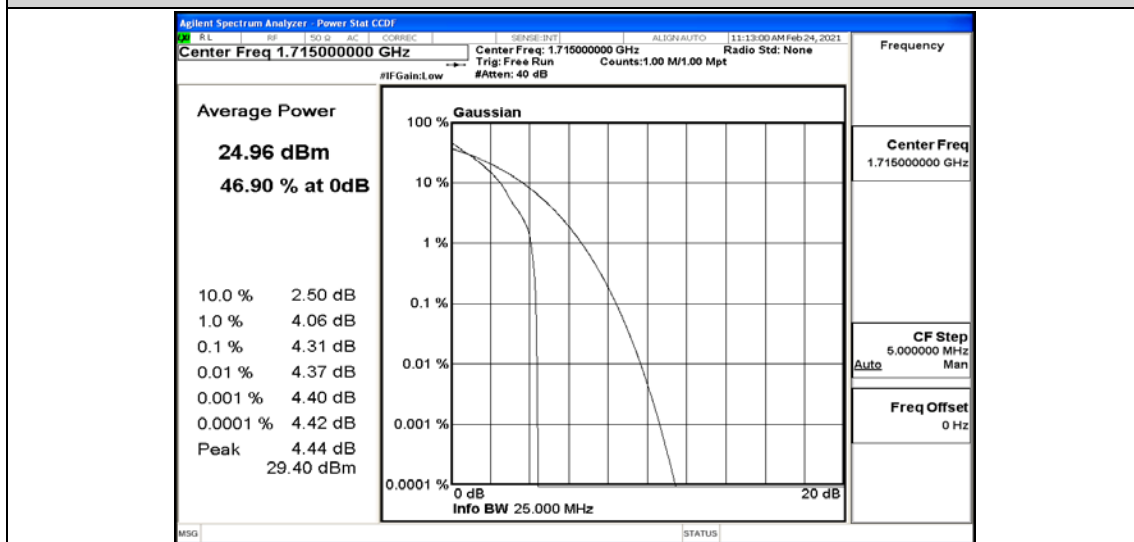
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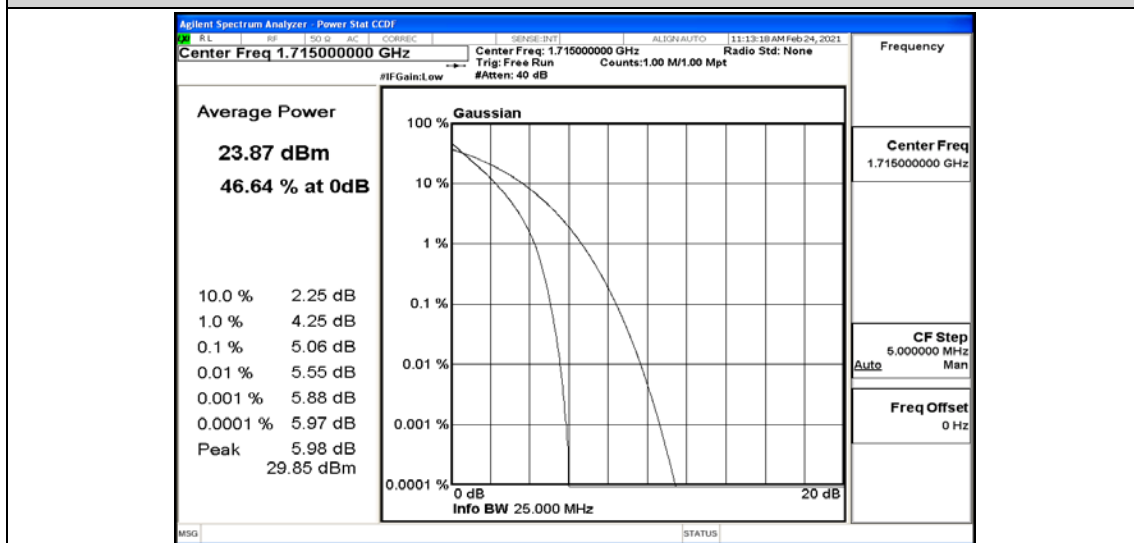
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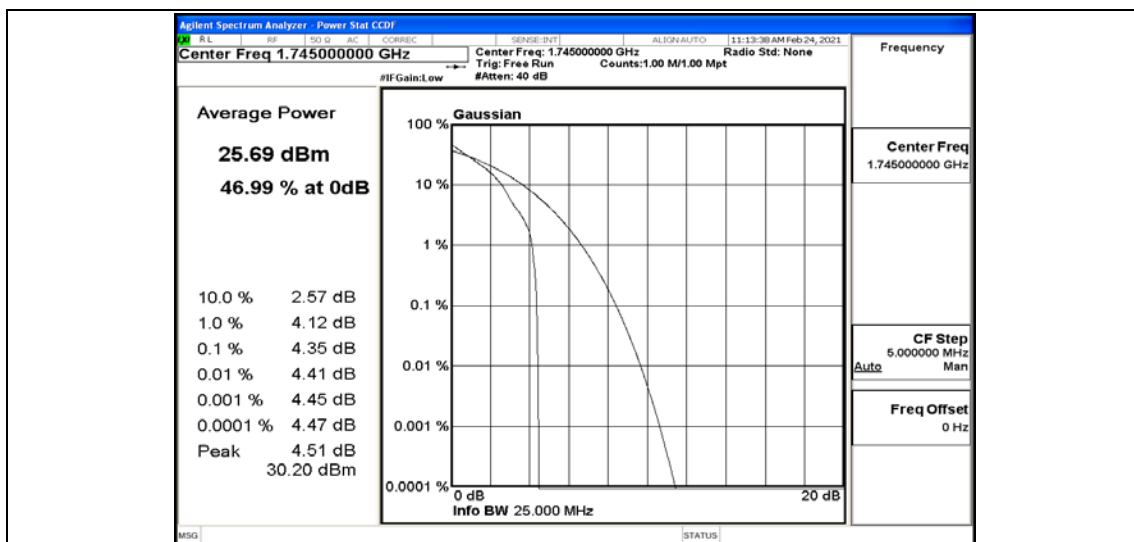
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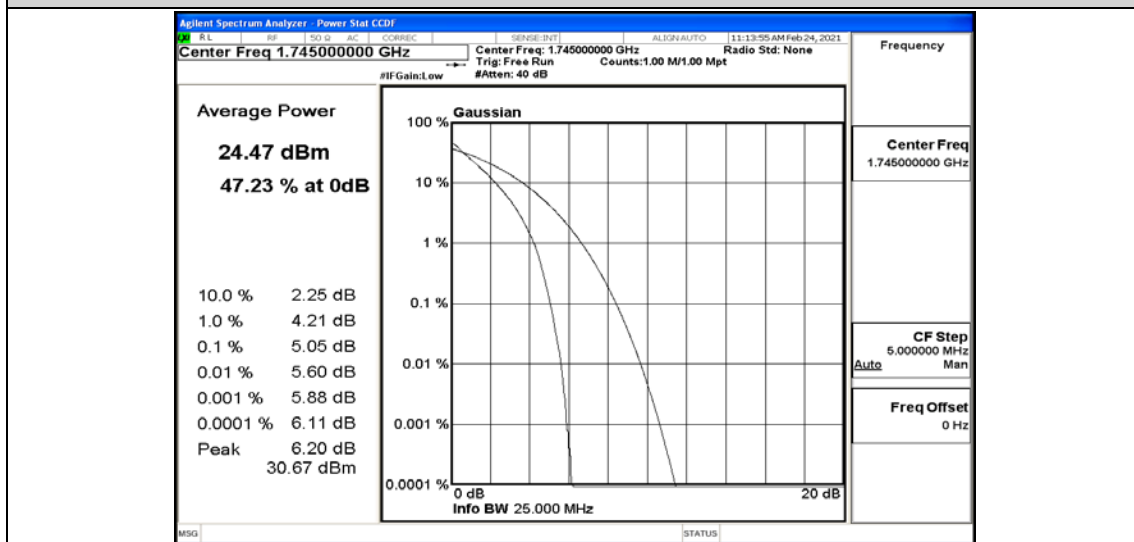
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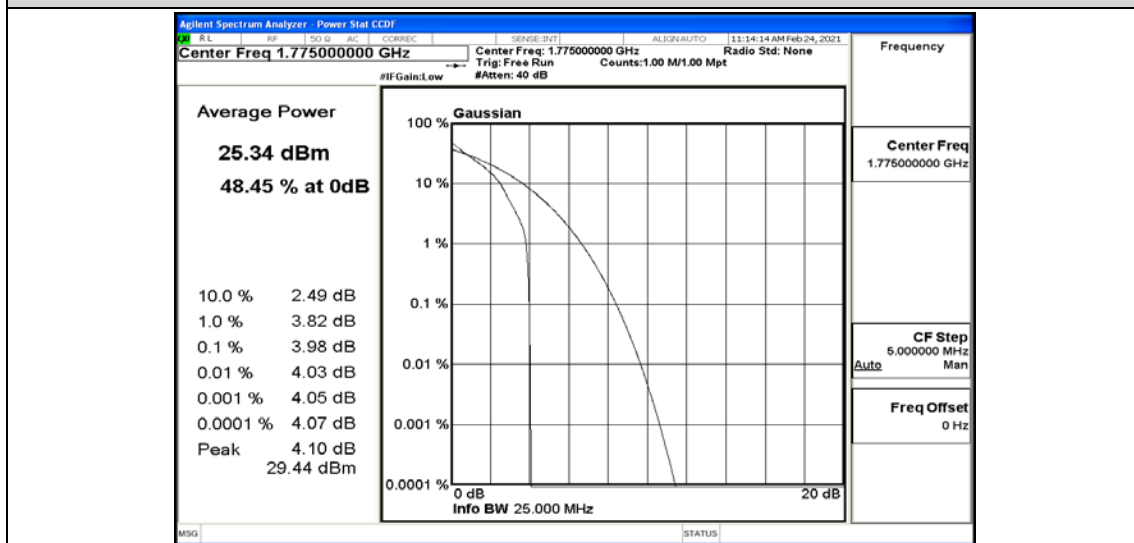
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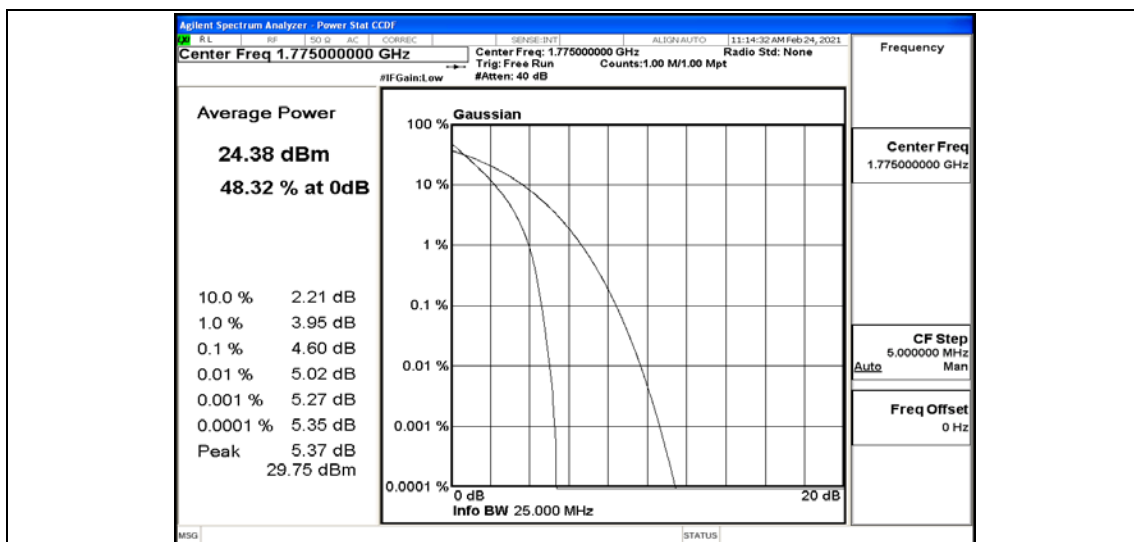
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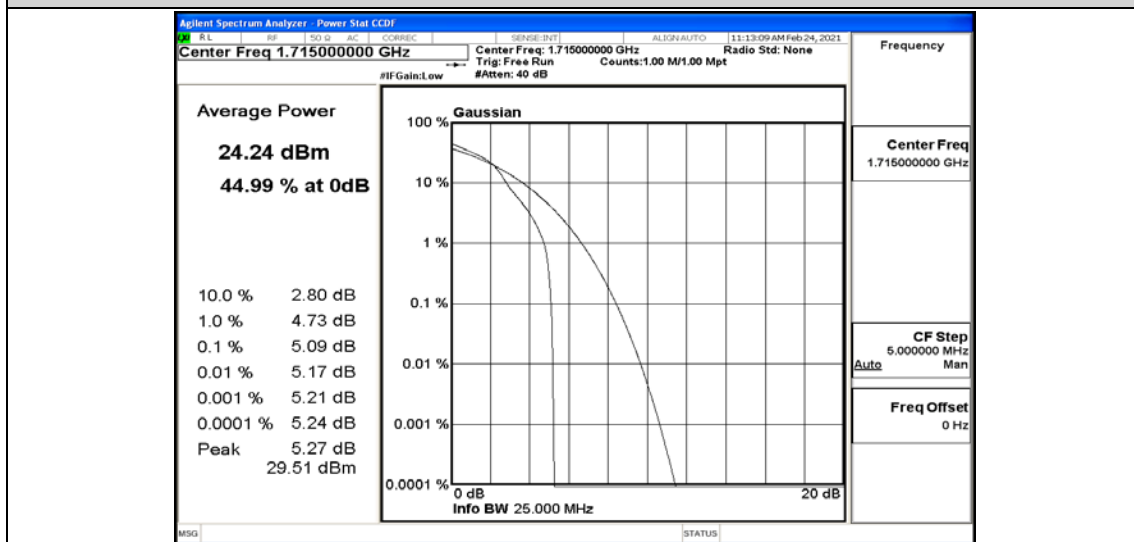
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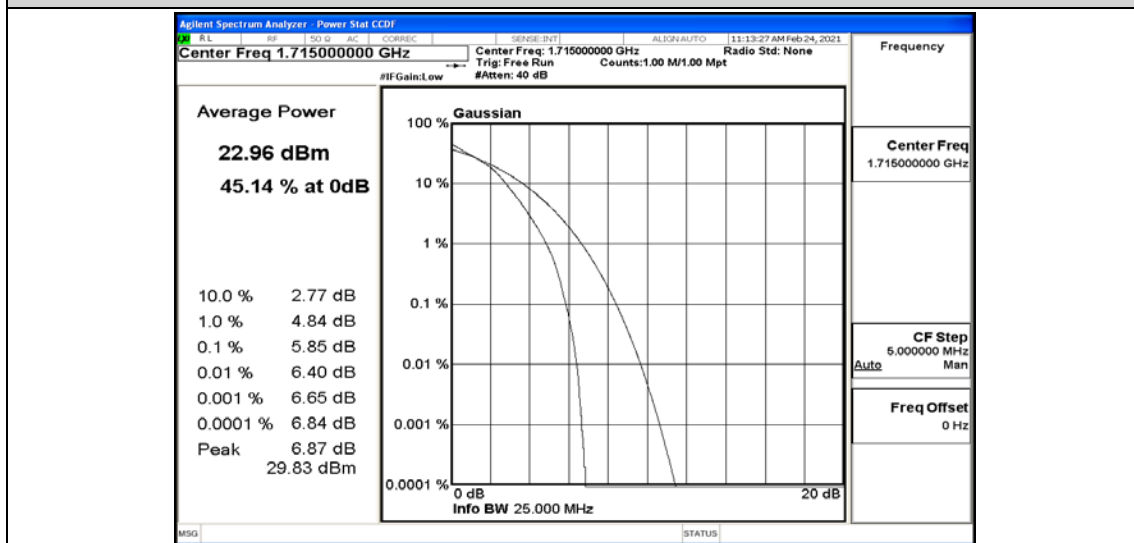
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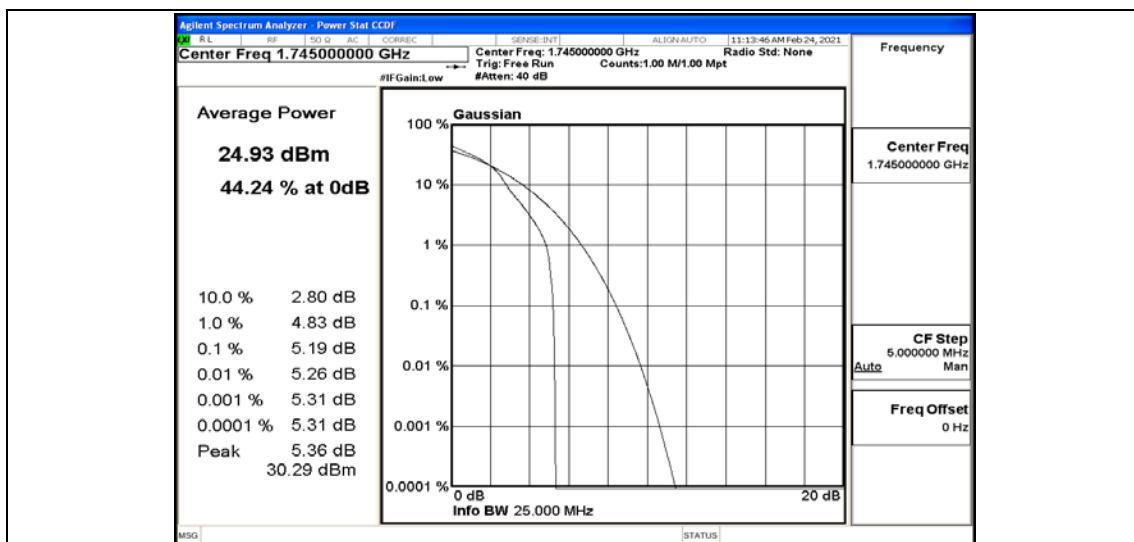
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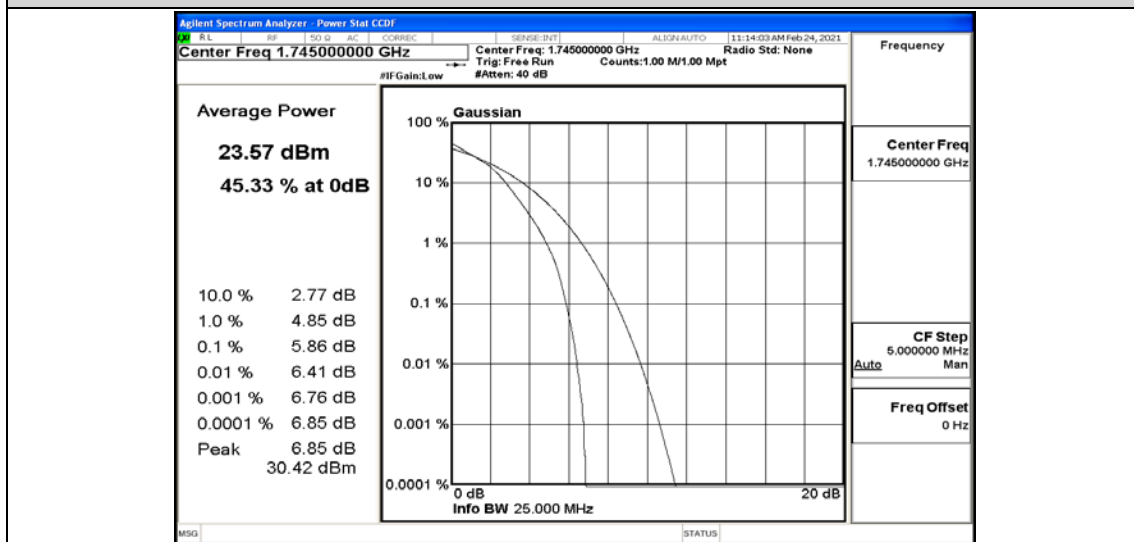
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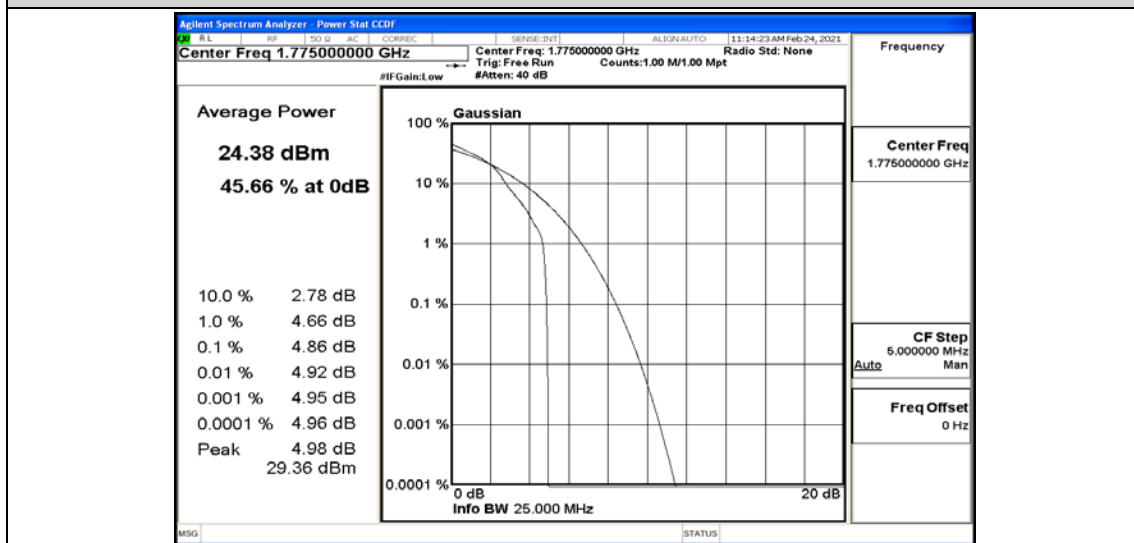
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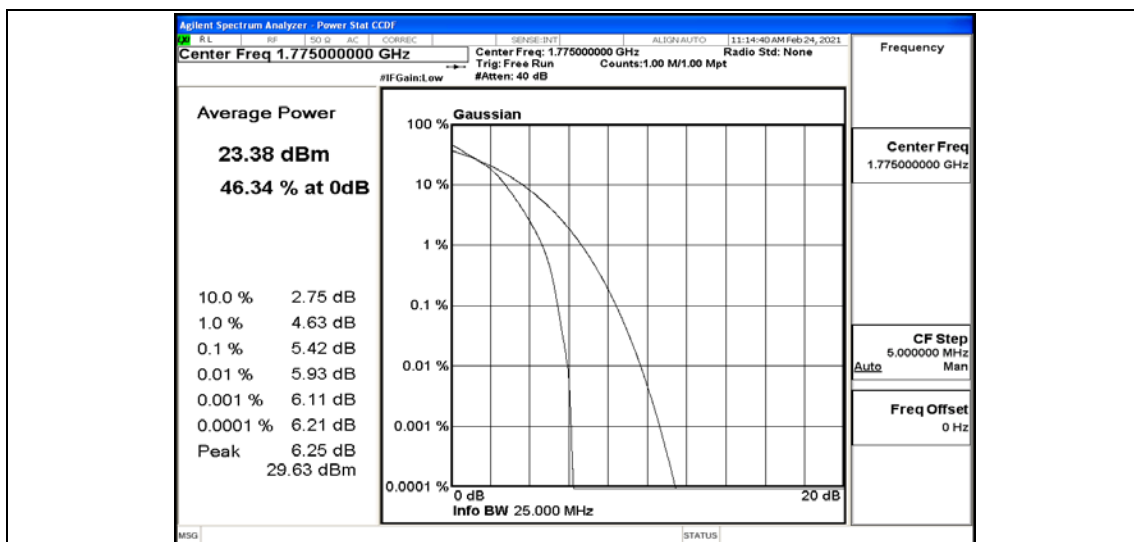
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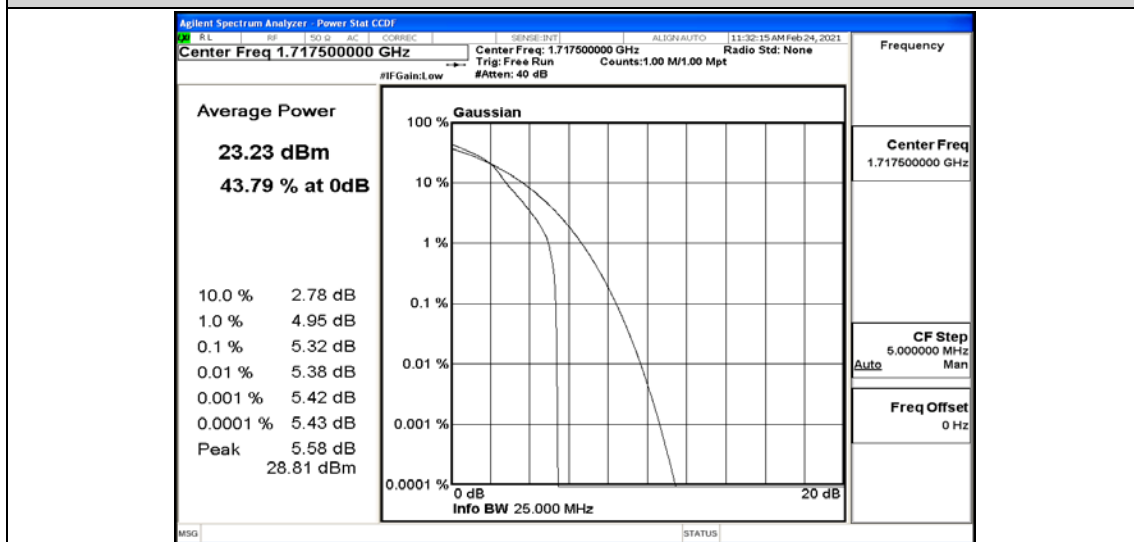
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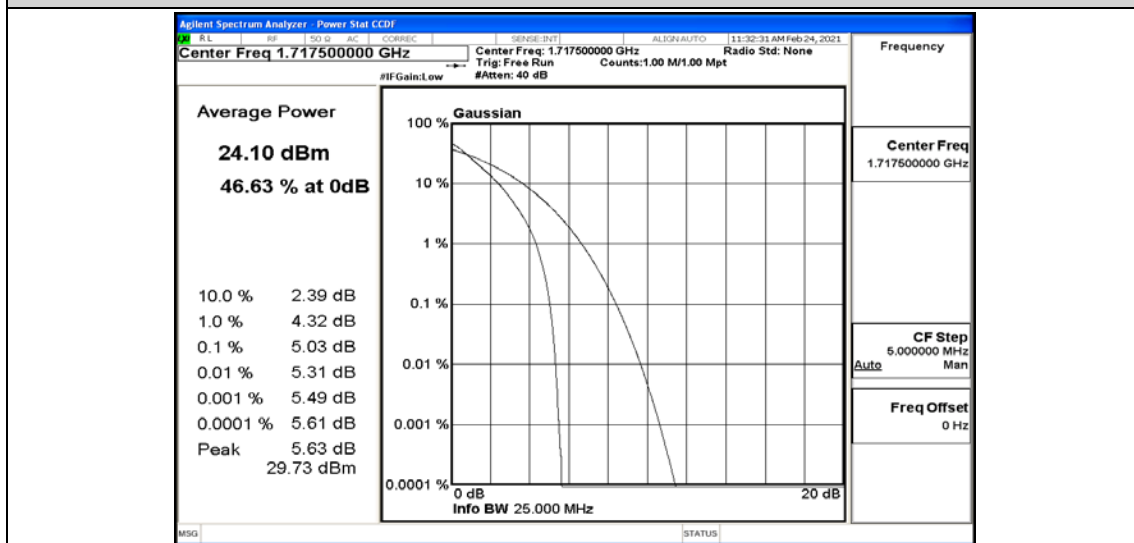
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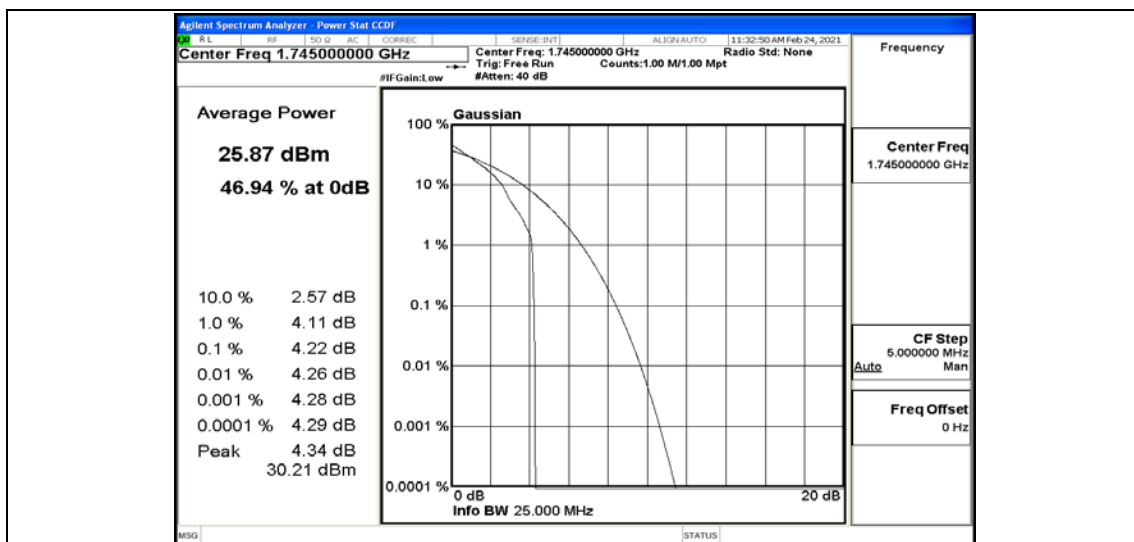
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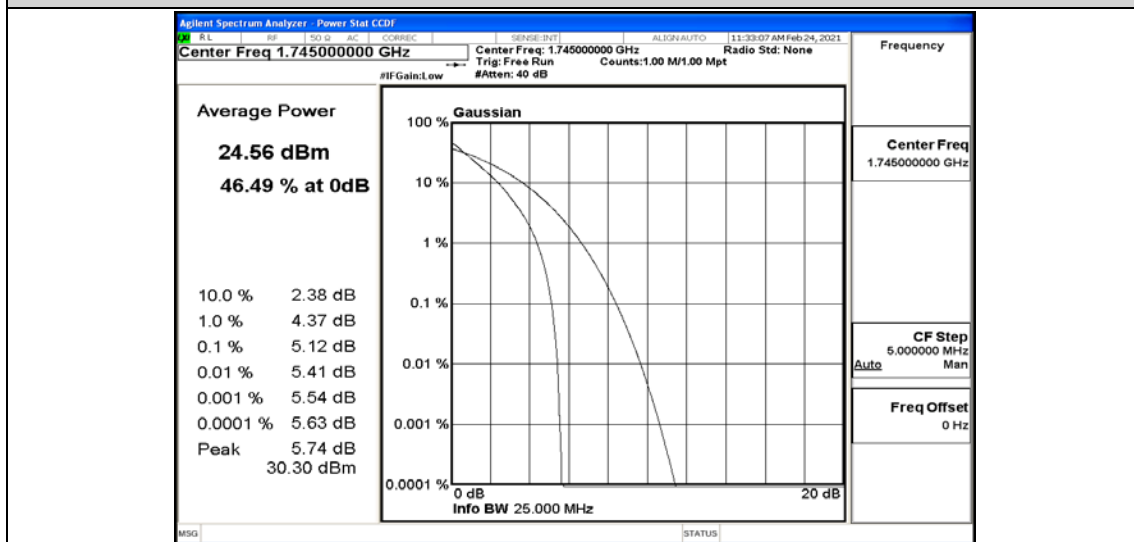
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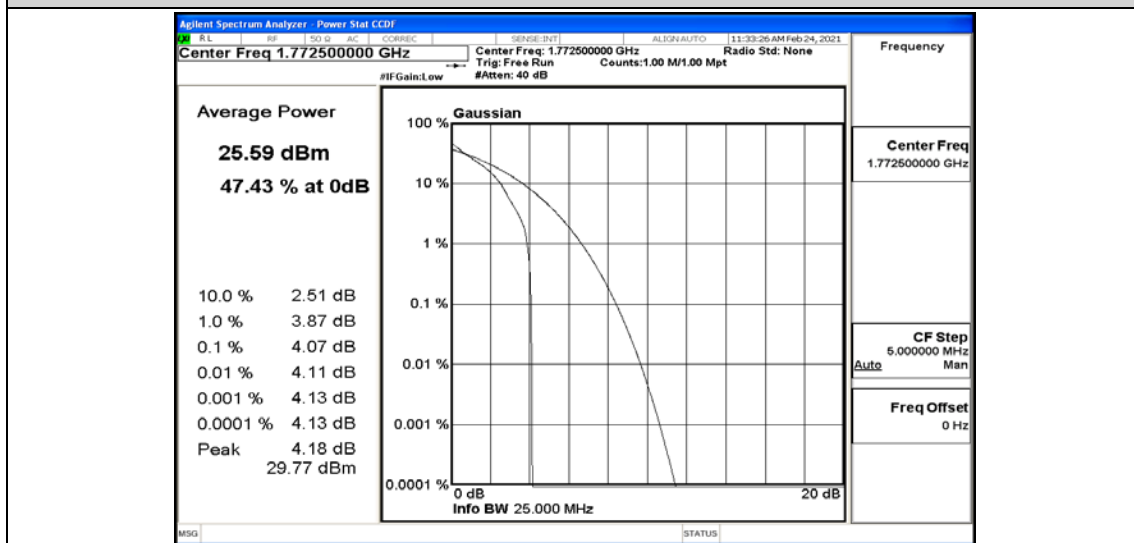
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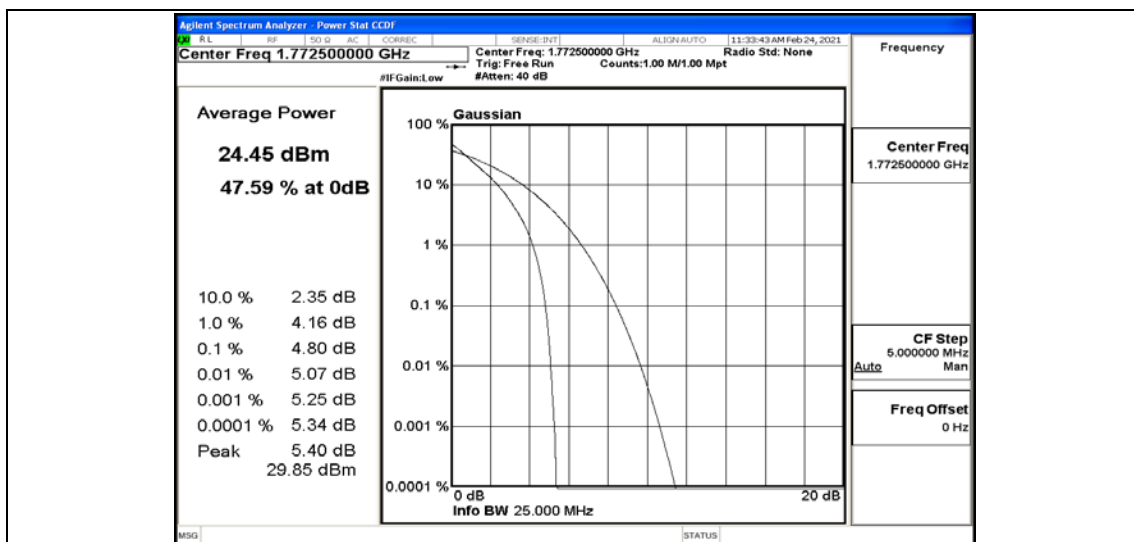
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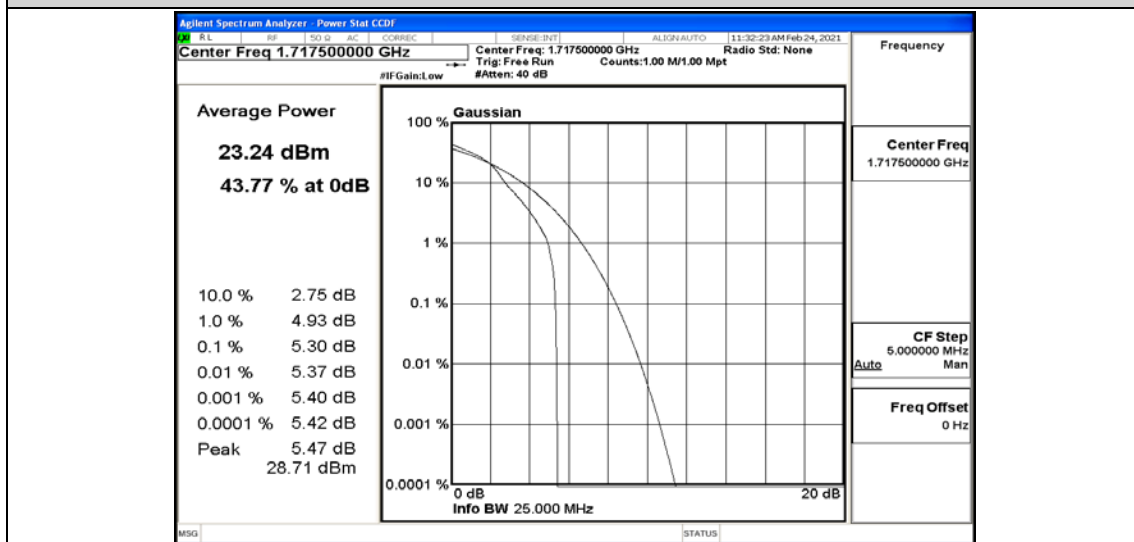
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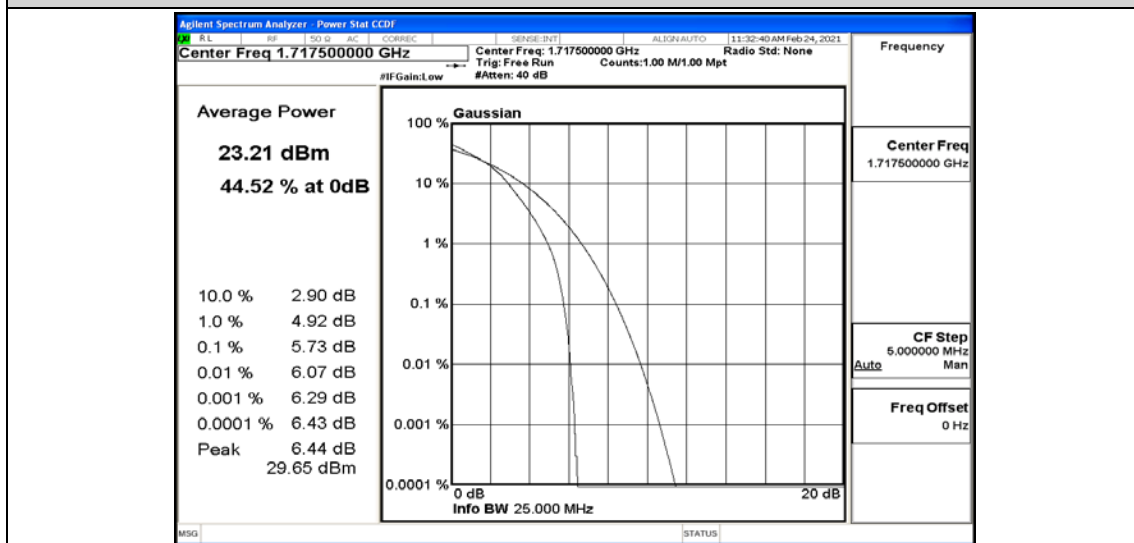
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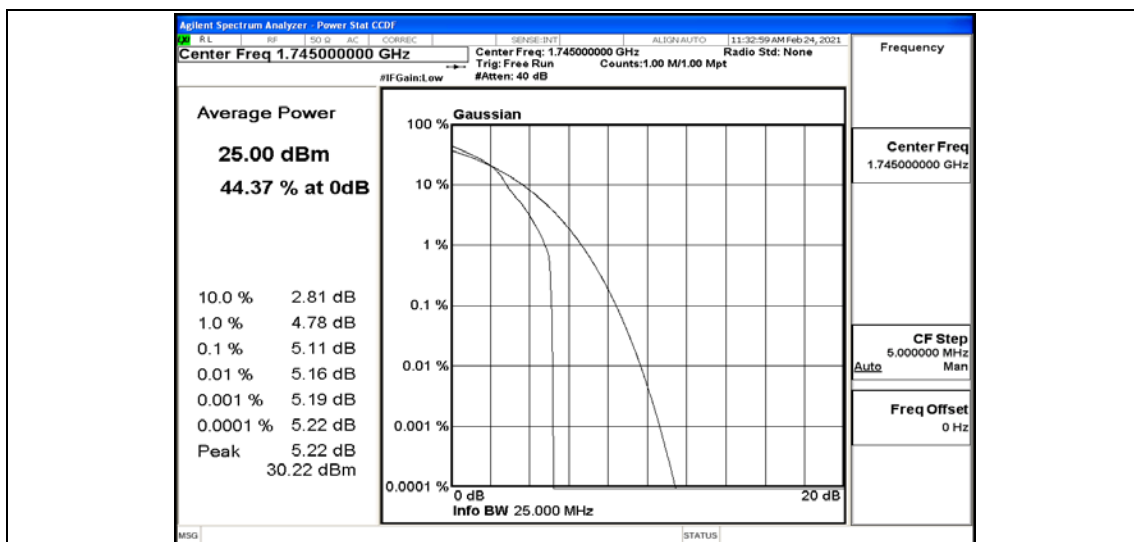
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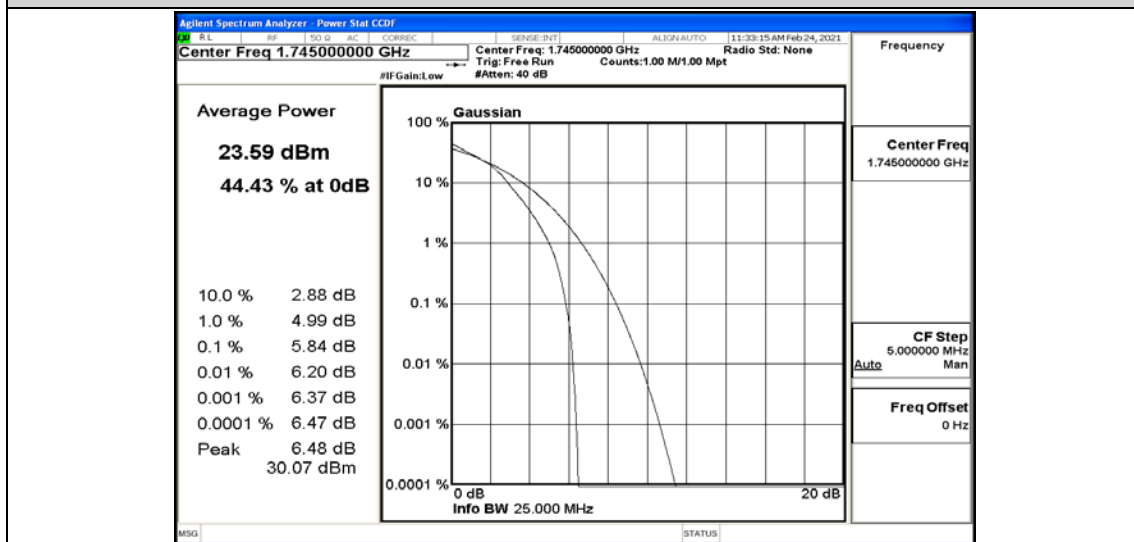
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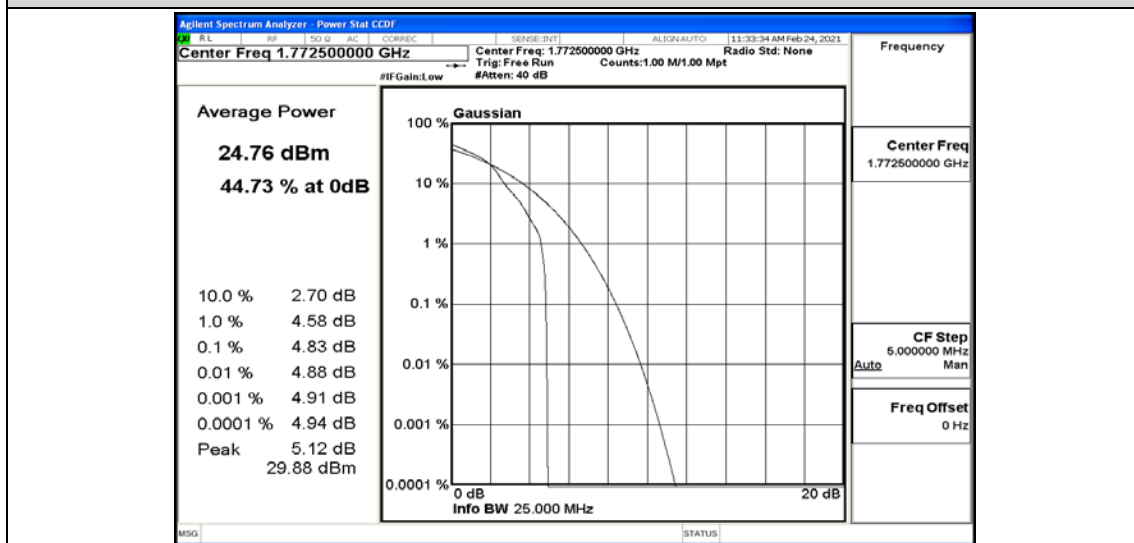
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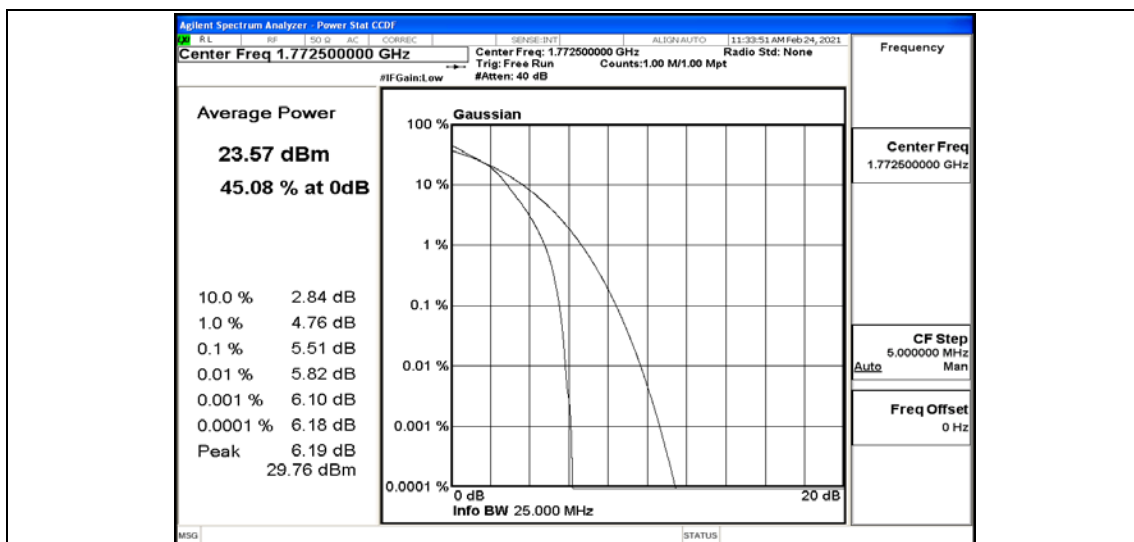
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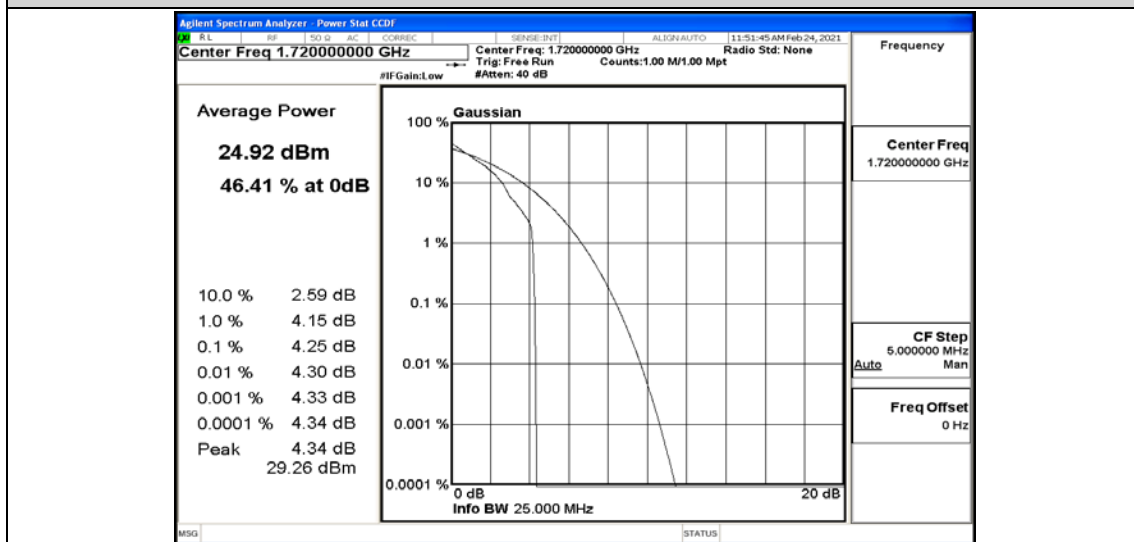
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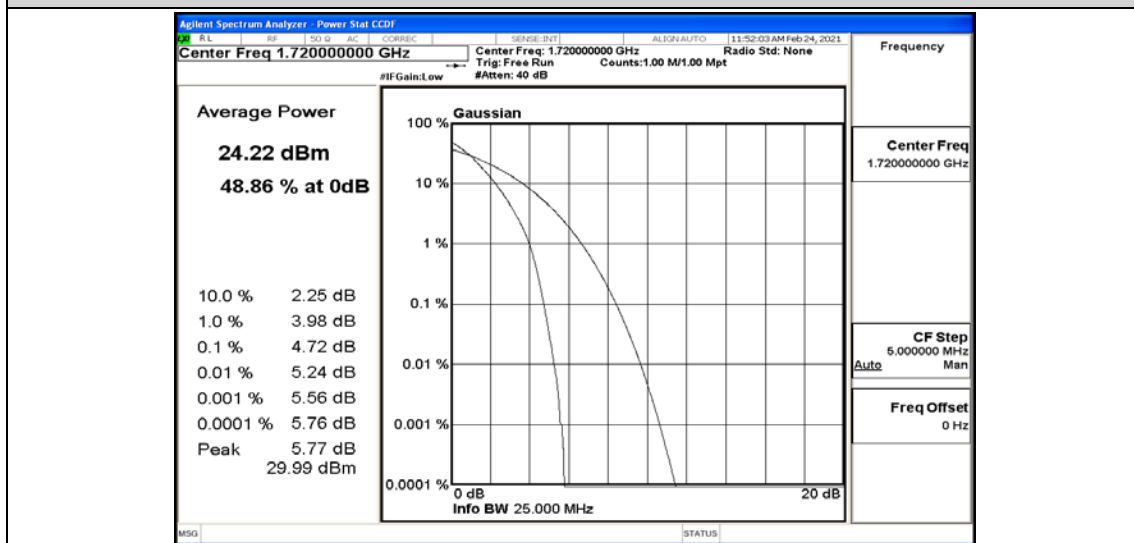
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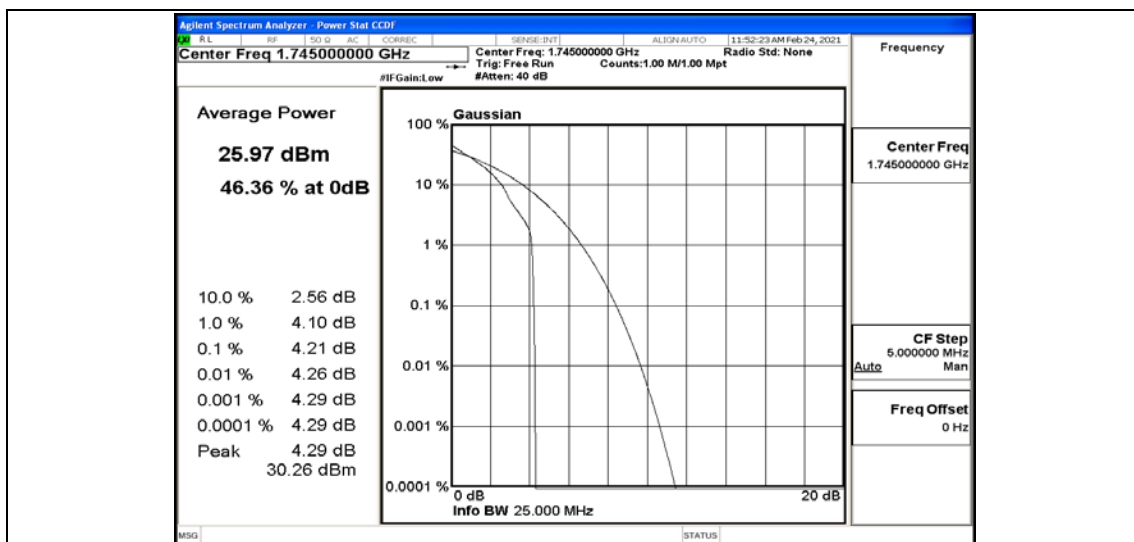
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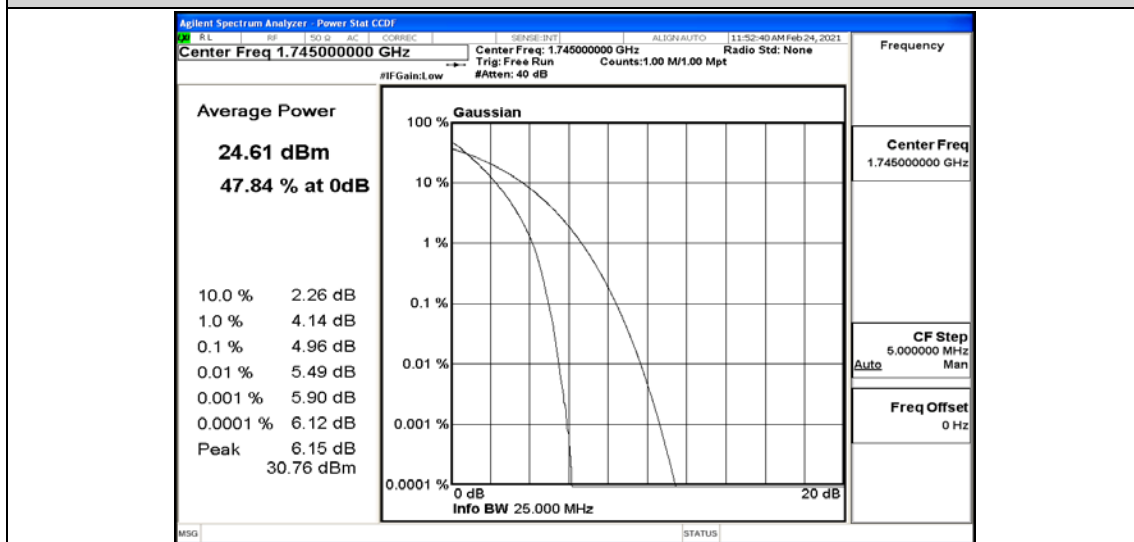
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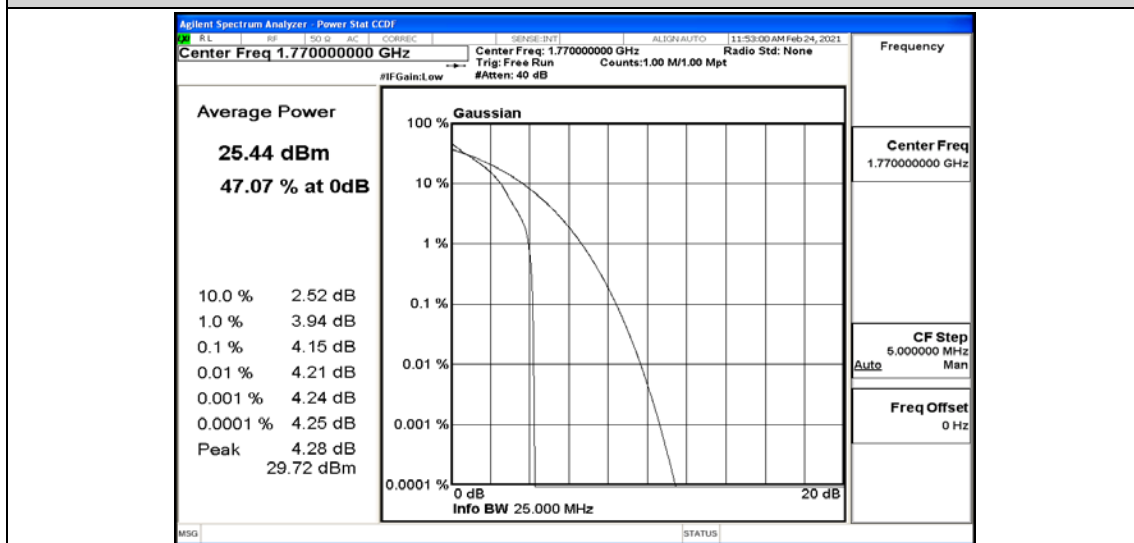
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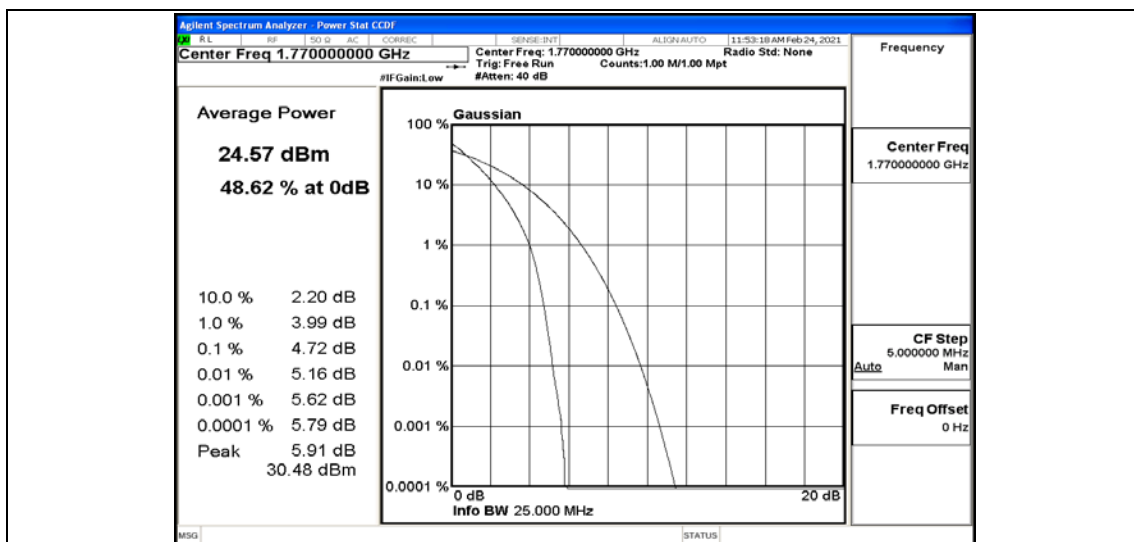
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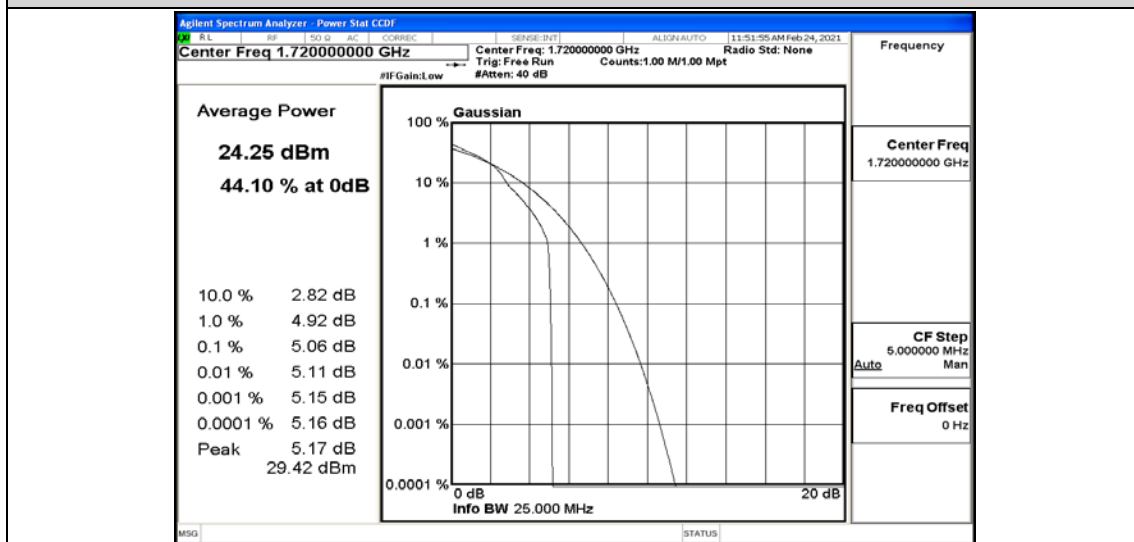
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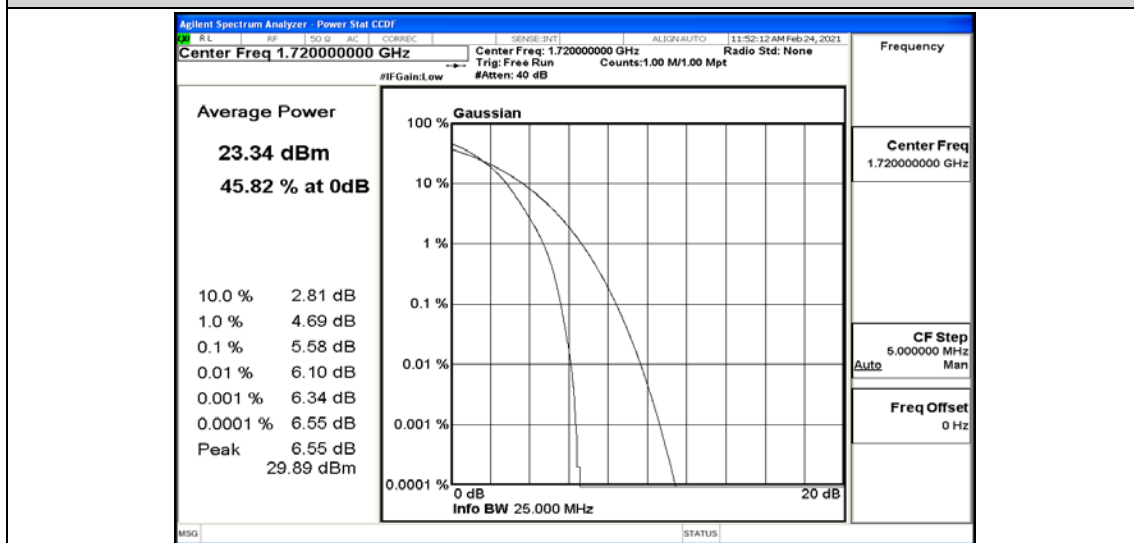
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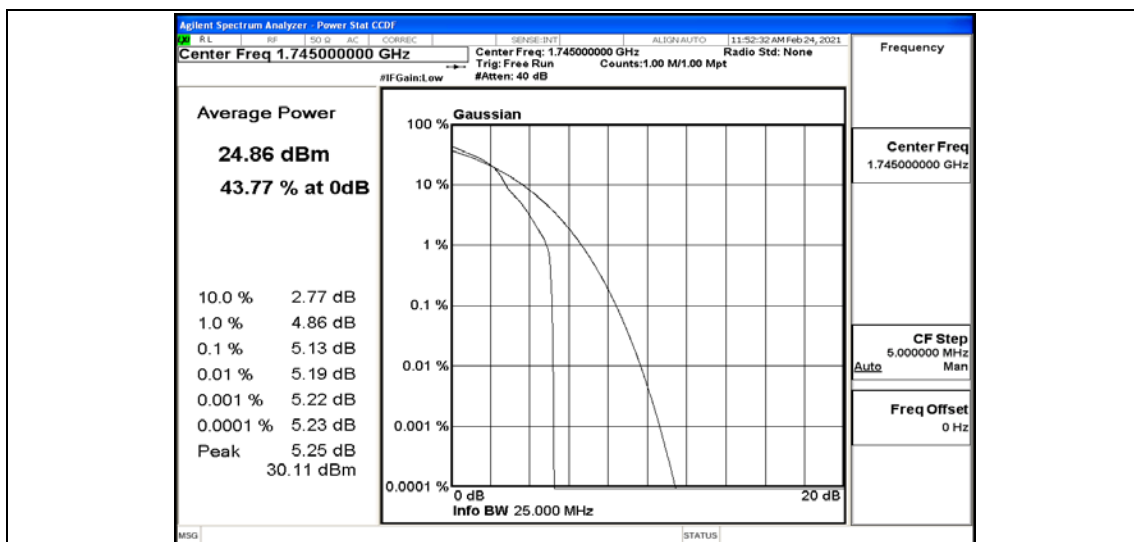
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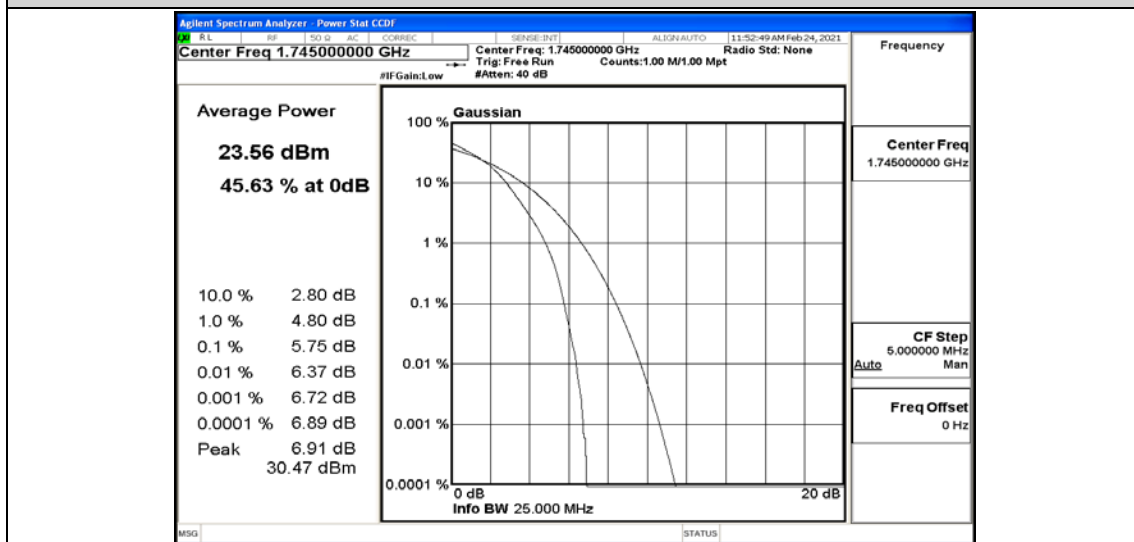
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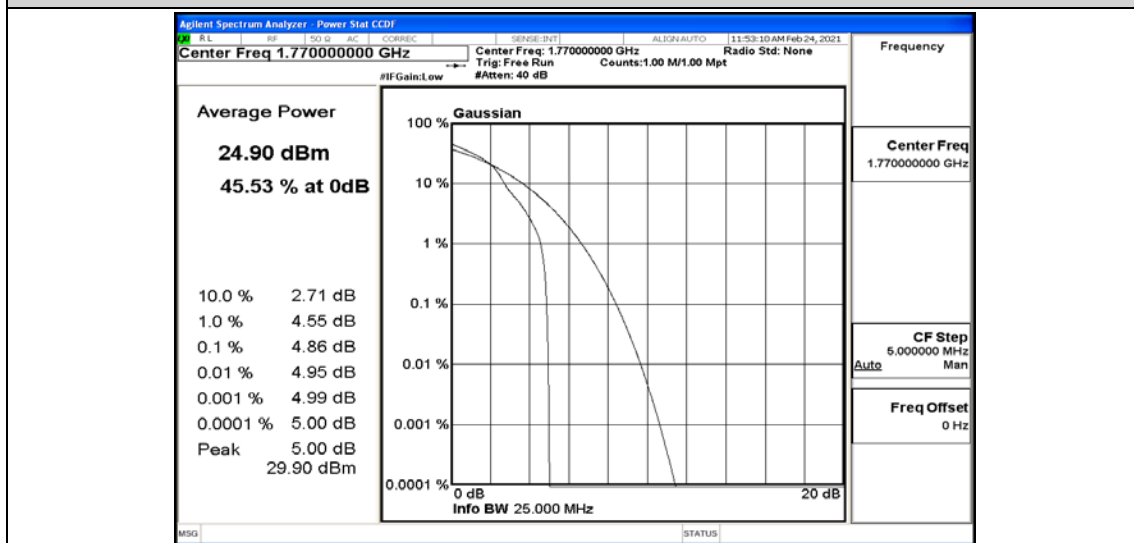
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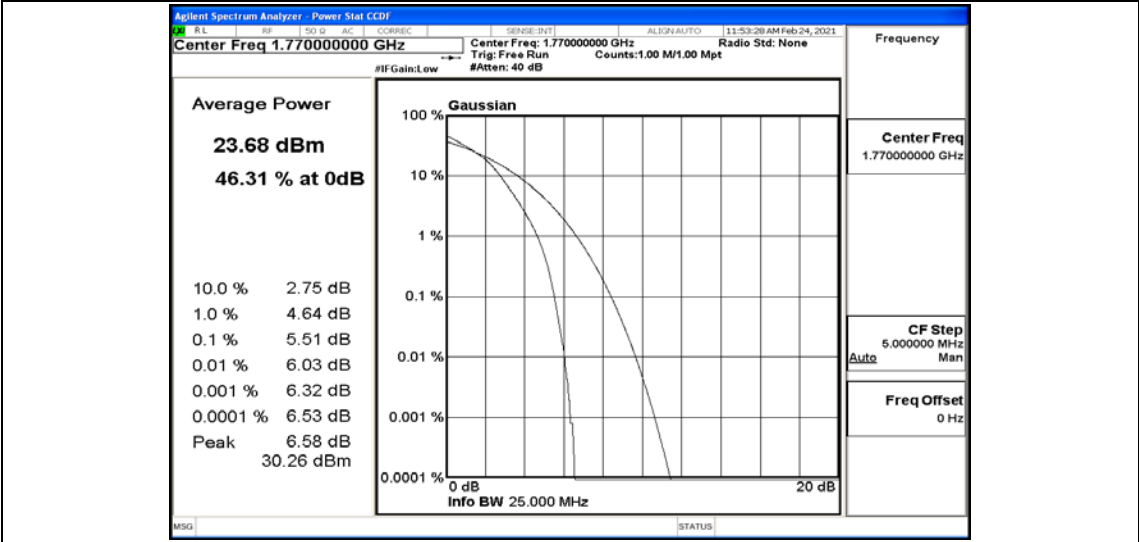
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Band66-20MHz-16QAM-132572-1RB#0



Band66-20MHz-16QAM-132572-100RB#0

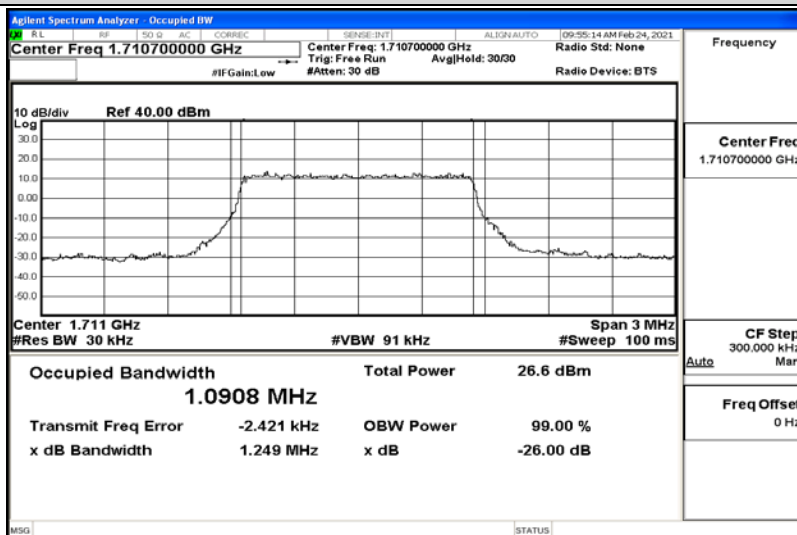


Appendix C: 26dB Bandwidth and Occupied Bandwidth

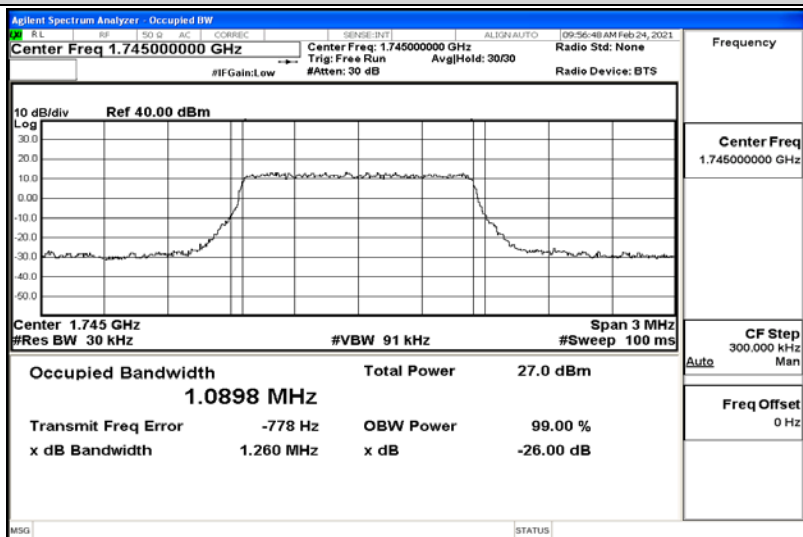
Band	Bandwidth	Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	1.0908	1.249	PASS
Band66	1.4MHz	QPSK	132322	1.0898	1.260	PASS
Band66	1.4MHz	QPSK	132665	1.0897	1.271	PASS
Band66	1.4MHz	16QAM	131979	1.0897	1.256	PASS
Band66	1.4MHz	16QAM	132322	1.0908	1.279	PASS
Band66	1.4MHz	16QAM	132665	1.0892	1.274	PASS
Band66	3MHz	QPSK	131987	2.6864	2.902	PASS
Band66	3MHz	QPSK	132322	2.6920	2.923	PASS
Band66	3MHz	QPSK	132657	2.6959	2.928	PASS
Band66	3MHz	16QAM	131987	2.6970	2.909	PASS
Band66	3MHz	16QAM	132322	2.6945	2.893	PASS
Band66	3MHz	16QAM	132657	2.6926	2.934	PASS
Band66	5MHz	QPSK	131997	4.5056	4.907	PASS
Band66	5MHz	QPSK	132322	4.5015	4.921	PASS
Band66	5MHz	QPSK	132647	4.4988	4.896	PASS
Band66	5MHz	16QAM	131997	4.5065	4.898	PASS
Band66	5MHz	16QAM	132322	4.5022	4.887	PASS
Band66	5MHz	16QAM	132647	4.5013	4.916	PASS
Band66	10MHz	QPSK	132022	8.9769	9.563	PASS
Band66	10MHz	QPSK	132322	8.9561	9.557	PASS
Band66	10MHz	QPSK	132622	8.9637	9.536	PASS
Band66	10MHz	16QAM	132022	8.9642	9.592	PASS
Band66	10MHz	16QAM	132322	8.9398	9.544	PASS
Band66	10MHz	16QAM	132622	8.9579	9.544	PASS
Band66	15MHz	QPSK	132047	13.441	14.25	PASS
Band66	15MHz	QPSK	132322	13.408	14.24	PASS
Band66	15MHz	QPSK	132597	13.425	14.26	PASS
Band66	15MHz	16QAM	132047	13.426	14.26	PASS
Band66	15MHz	16QAM	132322	13.407	14.25	PASS
Band66	15MHz	16QAM	132597	13.412	14.26	PASS
Band66	20MHz	QPSK	132072	17.826	18.91	PASS
Band66	20MHz	QPSK	132322	17.860	18.92	PASS
Band66	20MHz	QPSK	132572	17.890	18.93	PASS
Band66	20MHz	16QAM	132072	17.815	18.90	PASS
Band66	20MHz	16QAM	132322	17.861	18.92	PASS
Band66	20MHz	16QAM	132572	17.888	18.98	PASS

Test Graphs

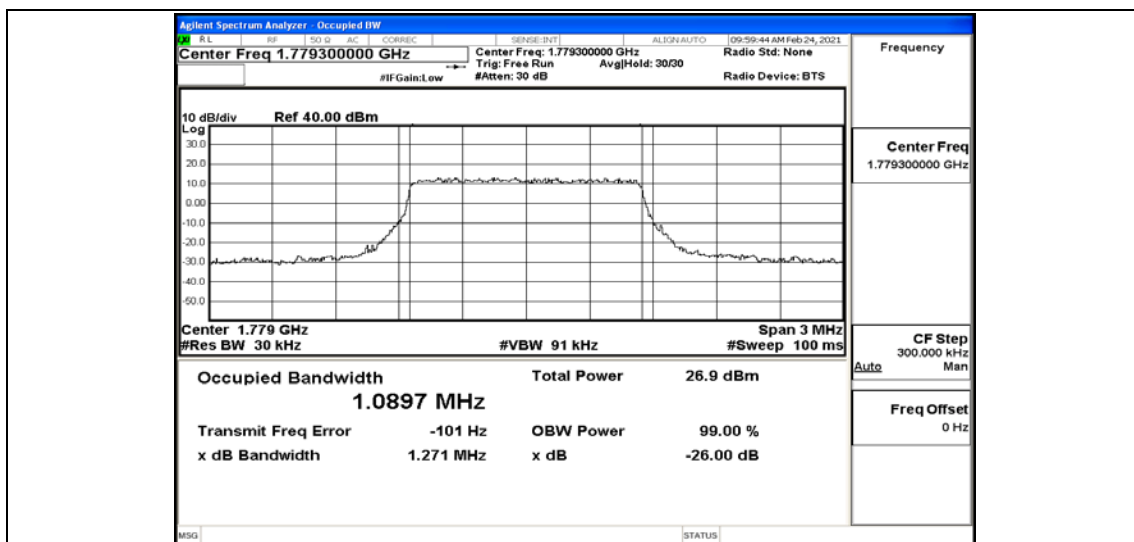
Band66-1.4MHz-QPSK-131979-6RB#0-1.0908



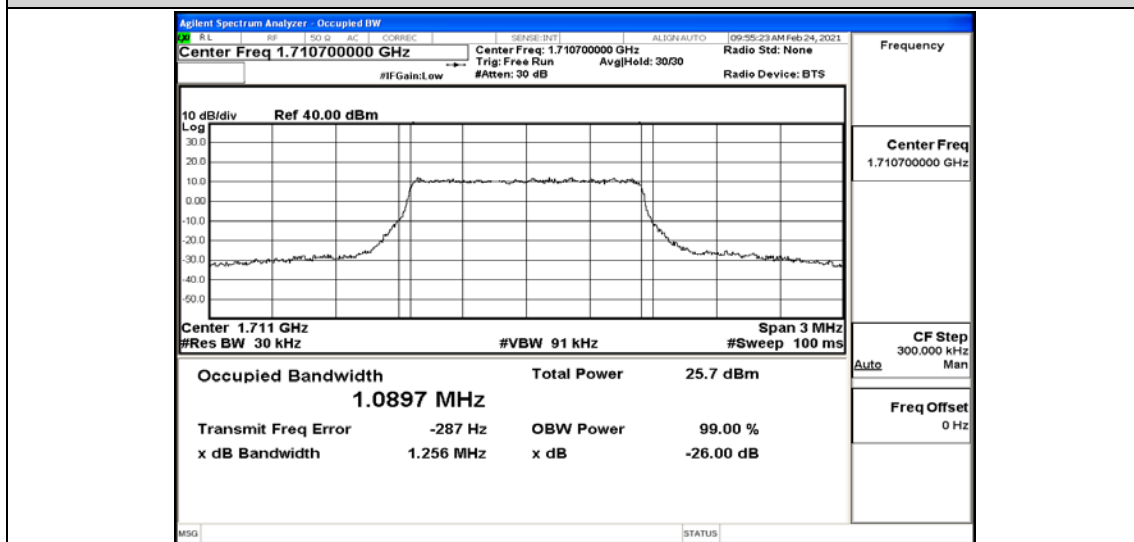
Band66-1.4MHz-QPSK-132322-6RB#0-1.0898



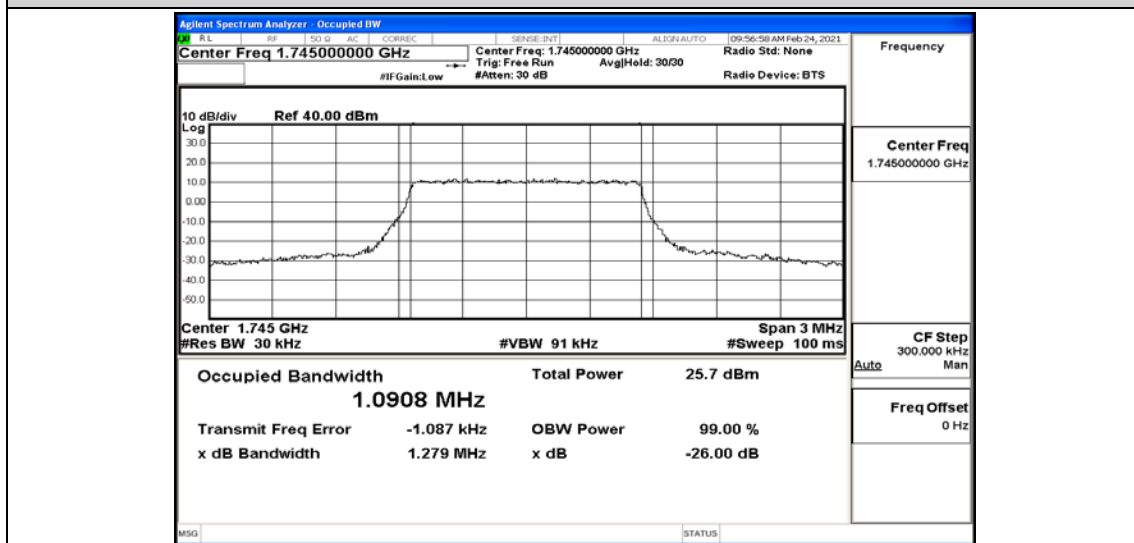
Band66-1.4MHz-QPSK-132665-6RB#0-1.0897



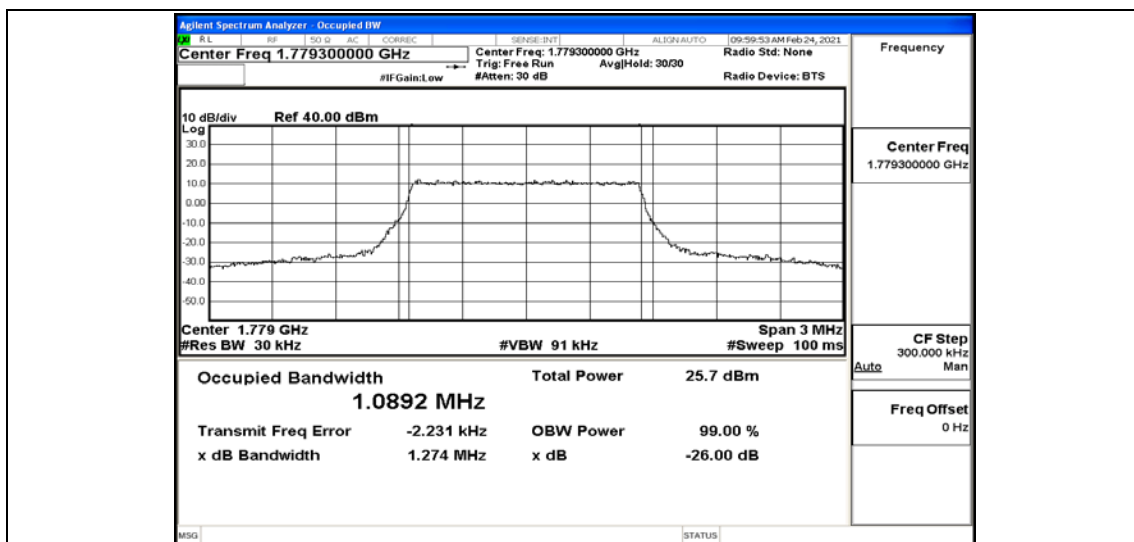
Band66-1.4MHz-16QAM-131979-6RB#0-1.0897



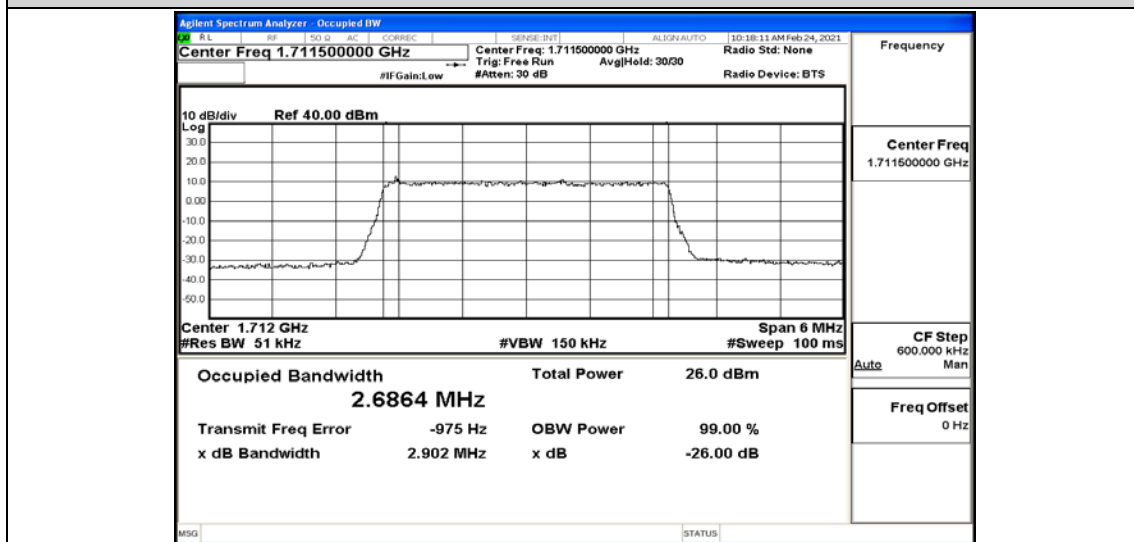
Band66-1.4MHz-16QAM-132322-6RB#0-1.0908



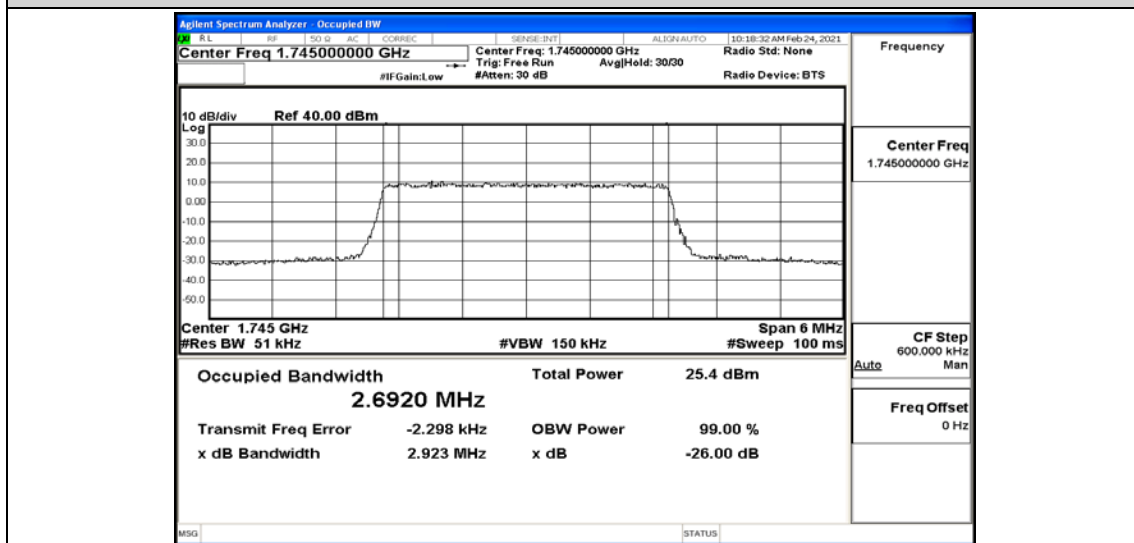
Band66-1.4MHz-16QAM-132665-6RB#0-1.0892



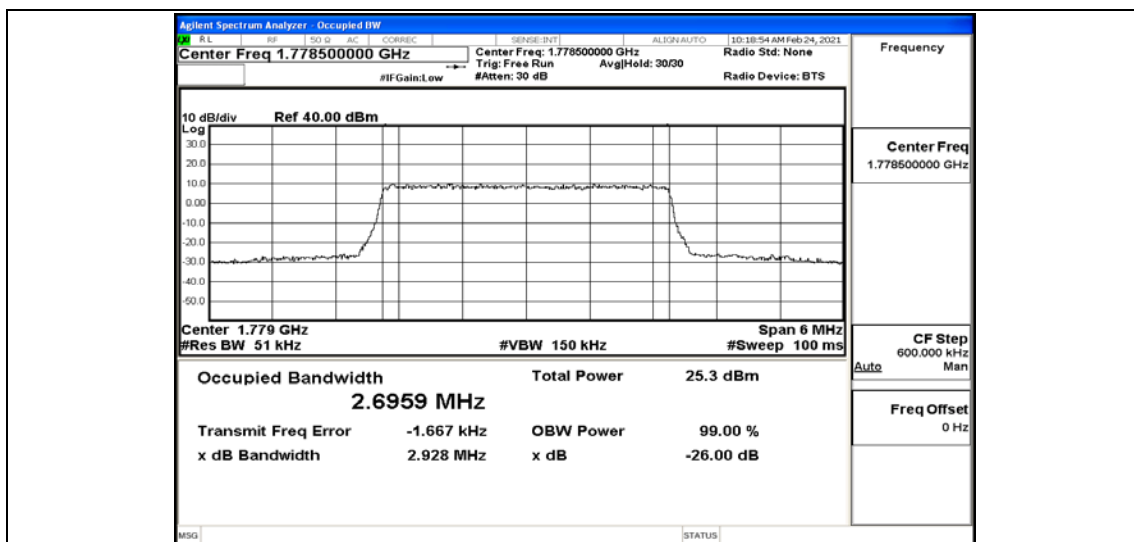
Band66-3MHz-QPSK-131987-15RB#0-2.6864



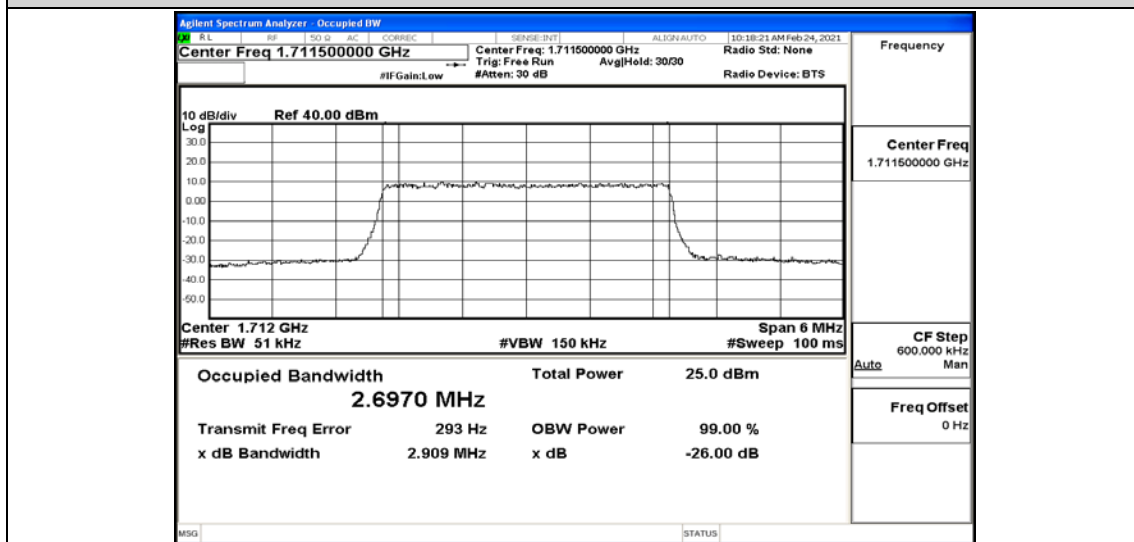
Band66-3MHz-QPSK-132322-15RB#0-2.6920



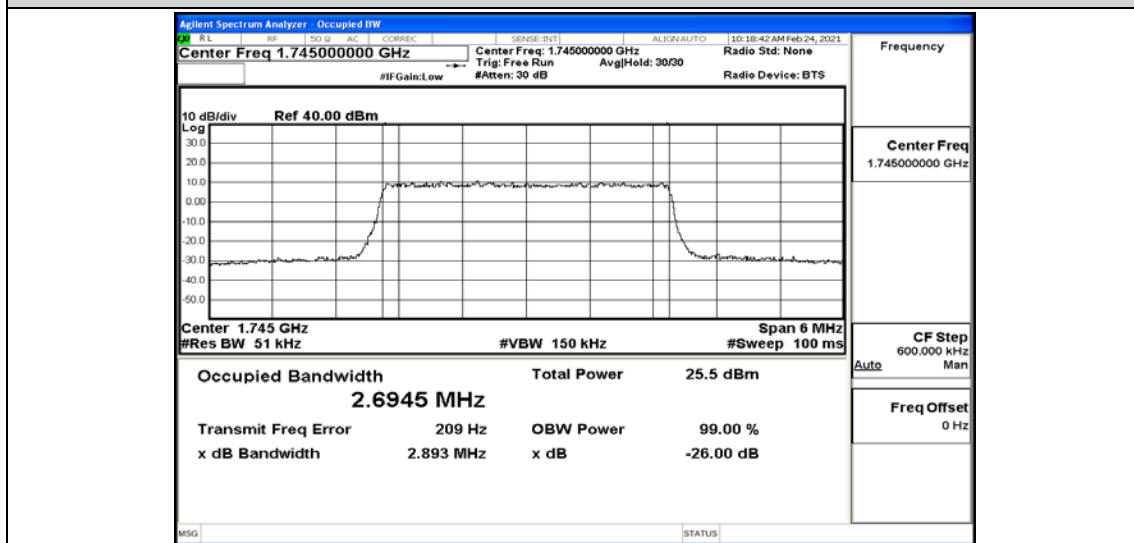
Band66-3MHz-QPSK-132657-15RB#0-2.6959



Band66-3MHz-16QAM-131987-15RB#0-2.6970



Band66-3MHz-16QAM-132322-15RB#0-2.6945



Band66-3MHz-16QAM-132657-15RB#0-2.6926