Appendix-B NR Band n30

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	EIRP (dBm)	Verdict
N30	15	5	DFT-PI2BPSK	L	Outer_Full	22.97	17.27	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_Full	23.46	17.76	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.54	17.84	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.51	17.81	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	22.71	17.01	PASS
N30	15	5	DFT-QPSK	L	Inner_Full	23.44	17.74	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Left	23.42	17.72	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Right	23.36	17.66	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	21.84	16.14	PASS
N30	15	5	DFT-16QAM	L	Inner_Full	22.68	16.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Left	22.66	16.96	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Right	22.27	16.57	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	21.24	15.54	PASS
N30	15	5	DFT-64QAM	L	Inner_Full	21.88	16.18	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Left	21.55	15.85	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Right	21.08	15.38	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	19.44	13.74	PASS
N30	15	5	DFT-256QAM	L	Inner_Full	19.54	13.84	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Left	19.47	13.77	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Right	19.43	13.73	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	22.88	17.18	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_Full	23.39	17.69	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.53	17.83	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.45	17.75	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	22.64	16.94	PASS
N30	15	5	DFT-QPSK	M	Inner_Full	23.38	17.68	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Left	23.43	17.73	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Right	23.27	17.57	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	21.78	16.08	PASS
N30	15	5	DFT-16QAM	M	Inner_Full	22.68	16.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Left	22.62	16.92	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Right	22.6	16.9	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	21.21	15.51	PASS
N30	15	5	DFT-64QAM	M	Inner_Full	21.86	16.16	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Left	21.65	15.95	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Right	21.79	16.09	PASS

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N30	15	5	DFT-256QAM	M	Outer_Full	19.57	13.87	PASS
N30	15	5	DFT-256QAM	M	Inner_Full	19.45	13.75	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Left	19.74	14.04	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Right	19.69	13.99	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	22.84	17.14	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_Full	23.33	17.63	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.44	17.74	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.42	17.72	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	22.64	16.94	PASS
N30	15	5	DFT-QPSK	H	Inner_Full	23.32	17.62	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Left	23.44	17.74	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Right	23.24	17.54	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	21.74	16.04	PASS
N30	15	5	DFT-16QAM	H	Inner_Full	22.6	16.9	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Left	22.6	16.9	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Right	22.62	16.92	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	21.17	15.47	PASS
N30	15	5	DFT-64QAM	H	Inner_Full	21.8	16.1	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Left	21.77	16.07	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Right	21.61	15.91	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	19.52	13.82	PASS
N30	15	5	DFT-256QAM	H	Inner_Full	19.78	14.08	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Left	19.62	13.92	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Right	19.63	13.93	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	22.92	17.22	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_Full	23.42	17.72	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.63	17.93	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.53	17.83	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	22.72	17.02	PASS
N30	15	10	DFT-QPSK	L	Inner_Full	23.44	17.74	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Left	23.53	17.83	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Right	23.35	17.65	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	21.8	16.1	PASS
N30	15	10	DFT-16QAM	L	Inner_Full	22.75	17.05	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Left	22.71	17.01	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Right	22.66	16.96	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	21.16	15.46	PASS
N30	15	10	DFT-64QAM	L	Inner_Full	21.75	16.05	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Left	21.23	15.53	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Right	21.54	15.84	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	19.5	13.8	PASS
N30	15	10	DFT-256QAM	L	Inner_Full	19.59	13.89	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Left	19.42	13.72	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Right	19.76	14.06	PASS

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N30	15	10	DFT-PI2BPSK	M	Outer_Full	22.99	17.29	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_Full	23.43	17.73	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.66	17.96	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.5	17.8	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	22.74	17.04	PASS
N30	15	10	DFT-QPSK	M	Inner_Full	23.38	17.68	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Left	23.53	17.83	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Right	23.3	17.6	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	21.85	16.15	PASS
N30	15	10	DFT-16QAM	M	Inner_Full	22.75	17.05	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Left	22.74	17.04	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Right	22.66	16.96	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	21.23	15.53	PASS
N30	15	10	DFT-64QAM	M	Inner_Full	21.72	16.02	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Left	21.59	15.89	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Right	21.53	15.83	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	19.56	13.86	PASS
N30	15	10	DFT-256QAM	M	Inner_Full	19.53	13.83	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Left	19.54	13.84	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Right	19.78	14.08	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	22.97	17.27	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_Full	23.4	17.7	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.63	17.93	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.55	17.85	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	22.74	17.04	PASS
N30	15	10	DFT-QPSK	H	Inner_Full	23.42	17.72	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Left	23.55	17.85	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Right	23.5	17.8	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	21.85	16.15	PASS
N30	15	10	DFT-16QAM	H	Inner_Full	22.77	17.07	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Left	22.74	17.04	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Right	22.66	16.96	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	21.21	15.51	PASS
N30	15	10	DFT-64QAM	H	Inner_Full	21.74	16.04	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Left	21.59	15.89	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Right	21.51	15.81	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	19.54	13.84	PASS
N30	15	10	DFT-256QAM	H	Inner_Full	19.55	13.85	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Left	19.78	14.08	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Right	19.41	13.71	PASS

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PSD for SA

Test Result

Band	SCS	BW	Modulation	Channel	RB Config	Power (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
N30	15	5	DFT-PI2BPSK	L	Outer_Full	23.05	17.35	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_Full	24.28	18.58	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.62	18.92	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.58	18.88	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	23.06	17.36	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_Full	24.15	18.45	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.41	18.71	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.36	18.66	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	23.14	17.44	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_Full	24.19	18.49	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.83	19.13	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.57	18.87	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	21.45	15.75	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_Full	23.53	17.83	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.64	18.94	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.51	18.81	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	21.38	15.68	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_Full	23.59	17.89	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.54	18.84	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.4	18.7	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	21.43	15.73	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_Full	23.62	17.92	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.41	18.71	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.55	18.85	23.98	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
N30	15	5	DFT-PI2BPSK	L	Outer_Full	4.14	≤13	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	5.09	≤13	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	6.48	≤13	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	6.31	≤13	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	6.75	≤13	PASS
N30	15	5	CP-QPSK	L	Outer_Full	7.06	≤13	PASS
N30	15	5	CP-16QAM	L	Outer_Full	7.57	≤13	PASS
N30	15	5	CP-64QAM	L	Outer_Full	6.99	≤13	PASS
N30	15	5	CP-256QAM	L	Outer_Full	7.84	≤13	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.14	≤13	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	5.57	≤13	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	6.91	≤13	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	6.43	≤13	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	6.51	≤13	PASS
N30	15	5	CP-QPSK	M	Outer_Full	8.26	≤13	PASS
N30	15	5	CP-16QAM	M	Outer_Full	7.64	≤13	PASS
N30	15	5	CP-64QAM	M	Outer_Full	7.53	≤13	PASS
N30	15	5	CP-256QAM	M	Outer_Full	7.50	≤13	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	3.86	≤13	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.47	≤13	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	7.06	≤13	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	6.12	≤13	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	6.29	≤13	PASS
N30	15	5	CP-QPSK	H	Outer_Full	6.41	≤13	PASS
N30	15	5	CP-16QAM	H	Outer_Full	6.95	≤13	PASS
N30	15	5	CP-64QAM	H	Outer_Full	7.18	≤13	PASS
N30	15	5	CP-256QAM	H	Outer_Full	7.13	≤13	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	4.26	≤13	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	5.08	≤13	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	5.92	≤13	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	7.16	≤13	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	6.31	≤13	PASS
N30	15	10	CP-QPSK	L	Outer_Full	7.64	≤13	PASS
N30	15	10	CP-16QAM	L	Outer_Full	7.21	≤13	PASS
N30	15	10	CP-64QAM	L	Outer_Full	7.81	≤13	PASS
N30	15	10	CP-256QAM	L	Outer_Full	7.55	≤13	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	4.20	≤13	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	5.07	≤13	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	5.96	≤13	PASS

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N30	15	10	DFT-64QAM	M	Outer_Full	6.36	≤13	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	6.98	≤13	PASS
N30	15	10	CP-QPSK	M	Outer_Full	7.20	≤13	PASS
N30	15	10	CP-16QAM	M	Outer_Full	7.38	≤13	PASS
N30	15	10	CP-64QAM	M	Outer_Full	7.56	≤13	PASS
N30	15	10	CP-256QAM	M	Outer_Full	7.59	≤13	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	4.21	≤13	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	5.36	≤13	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	6.58	≤13	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	6.44	≤13	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	6.32	≤13	PASS
N30	15	10	CP-QPSK	H	Outer_Full	7.19	≤13	PASS
N30	15	10	CP-16QAM	H	Outer_Full	7.15	≤13	PASS
N30	15	10	CP-64QAM	H	Outer_Full	8.24	≤13	PASS
N30	15	10	CP-256QAM	H	Outer_Full	7.57	≤13	PASS

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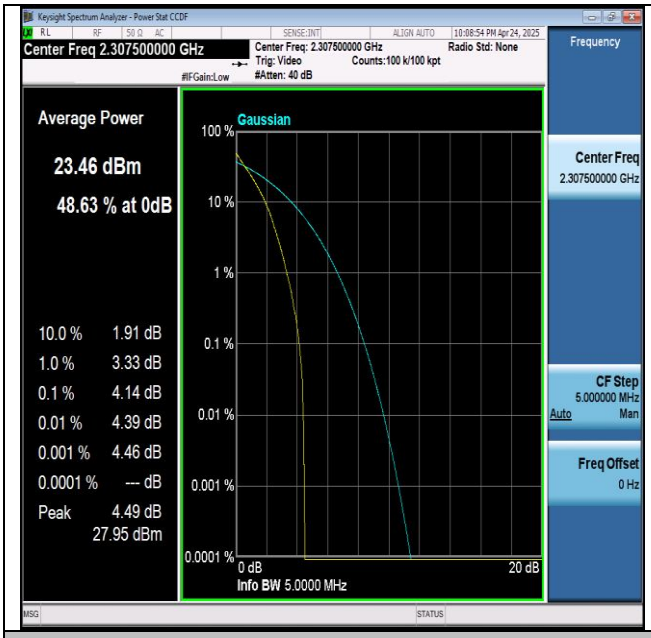
Test Graphs



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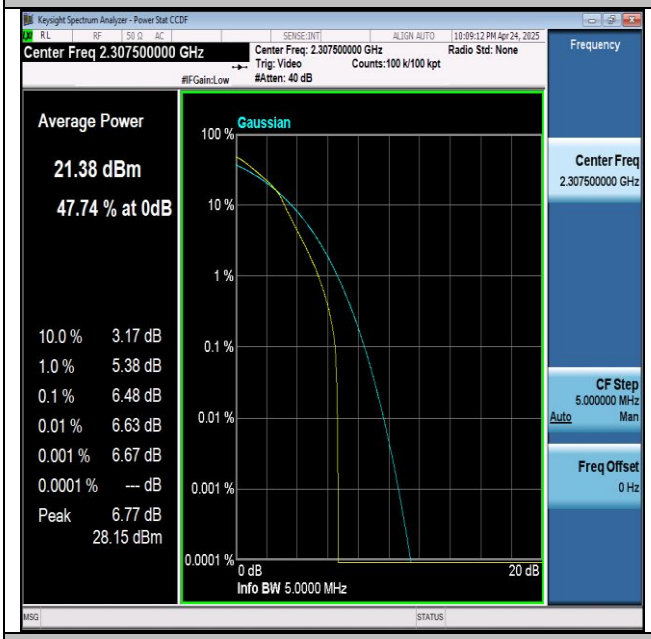

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NTNV_N30_PC3_15_5_L_TID4_#1

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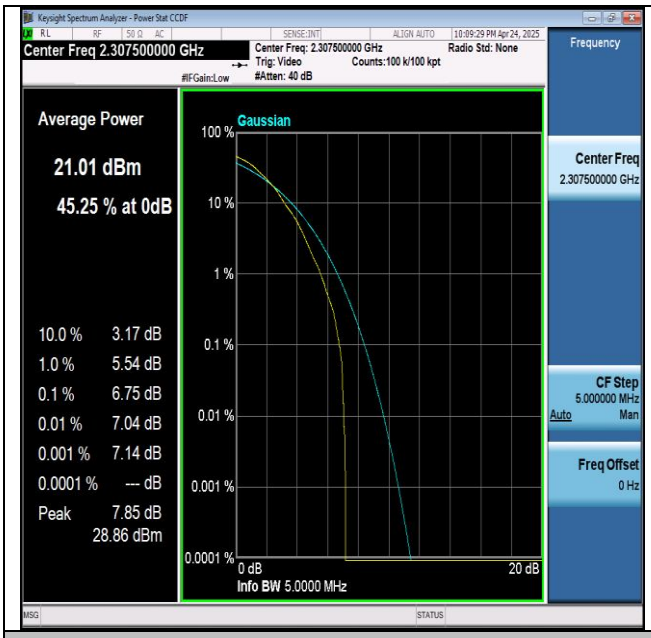

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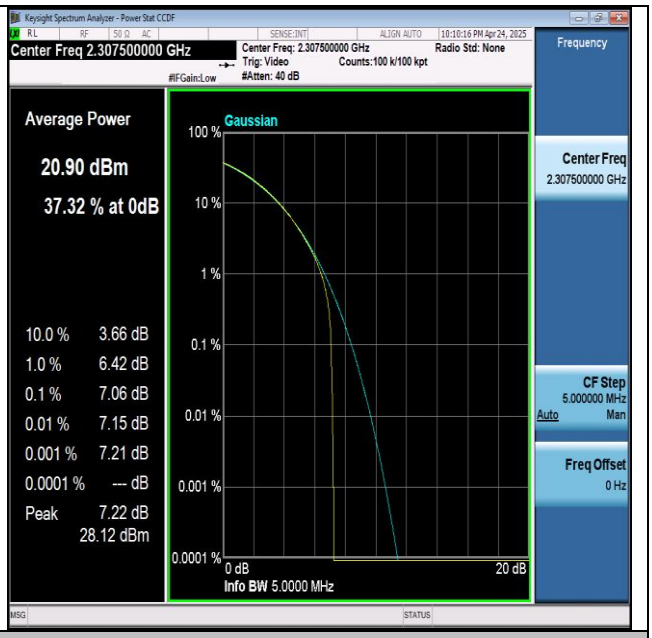

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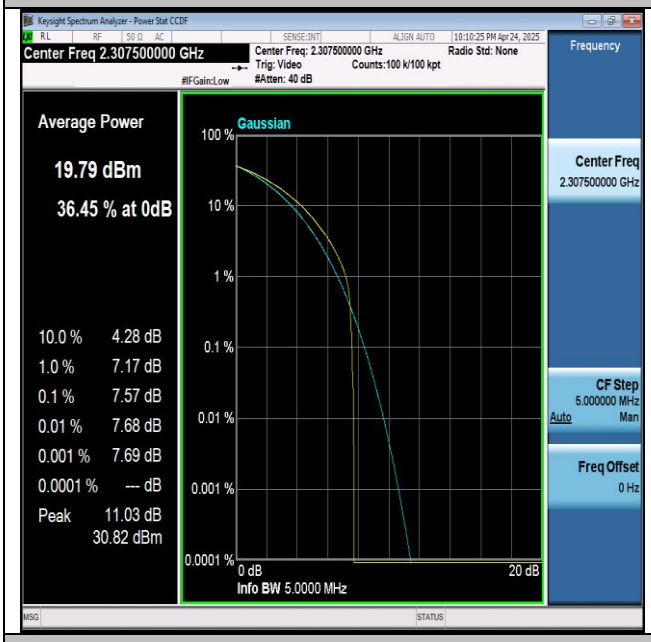

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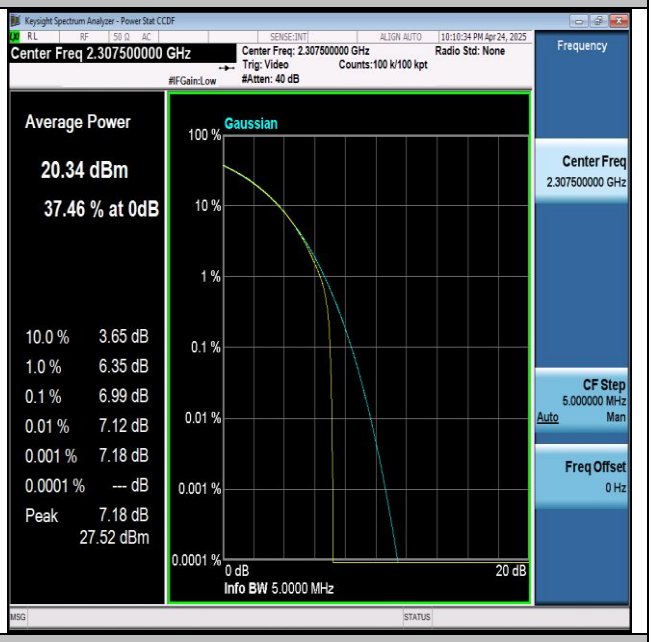

NTNV_N30_PC3_15_5_L_TID8_#1

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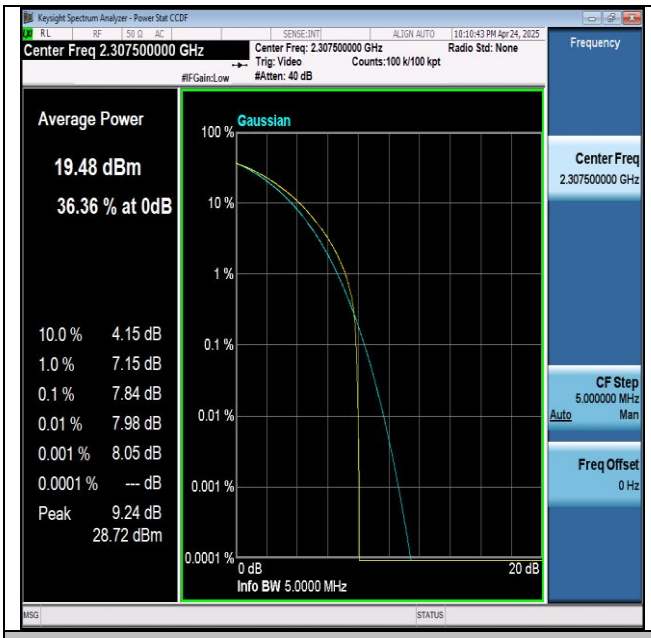

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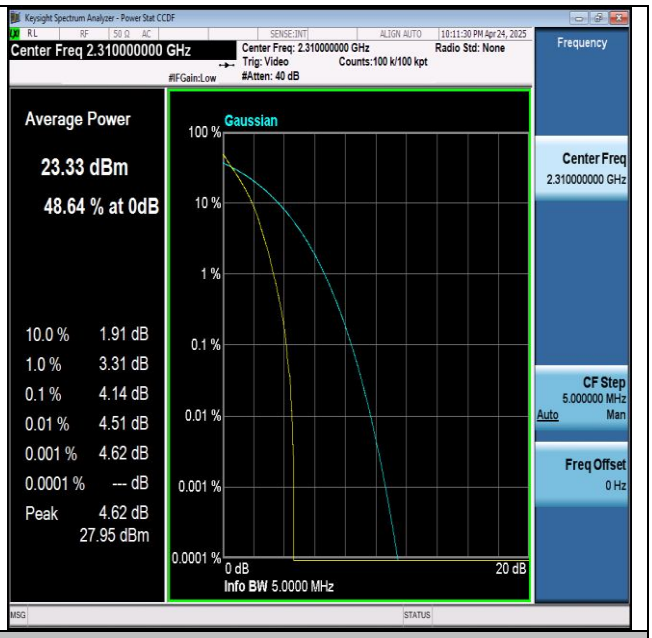

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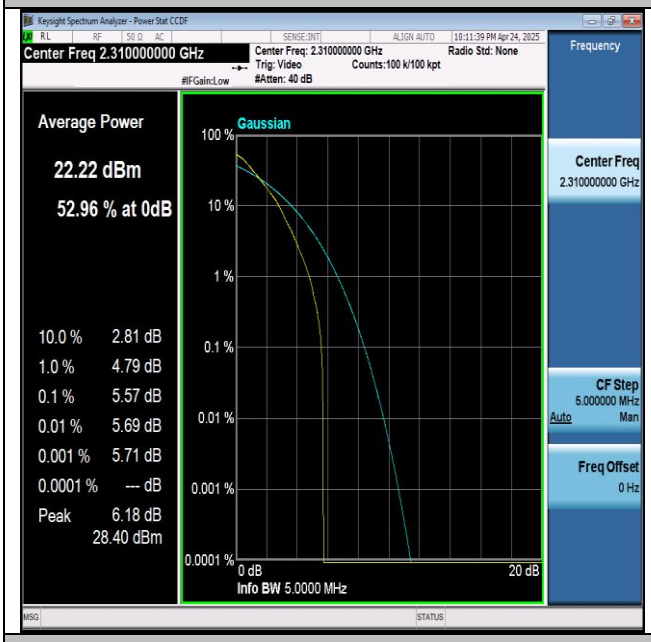

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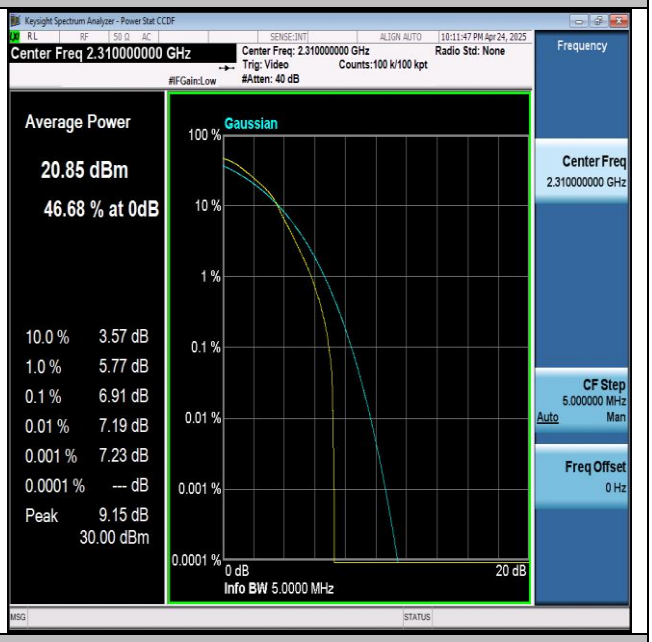

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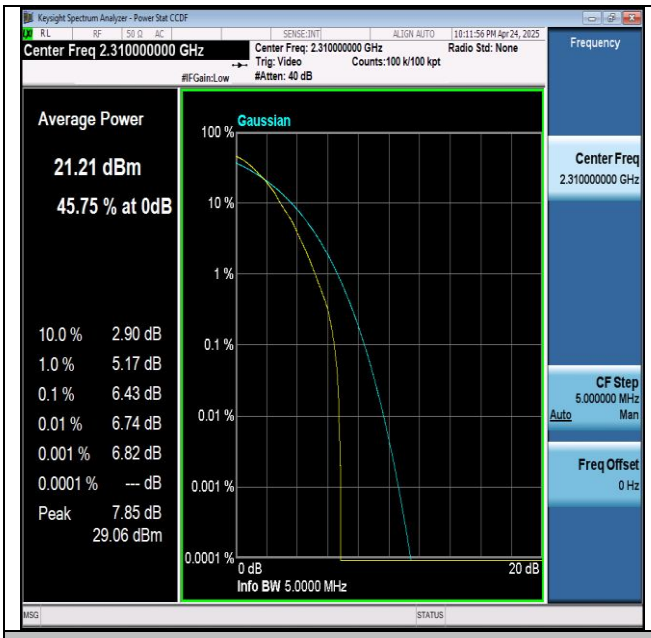

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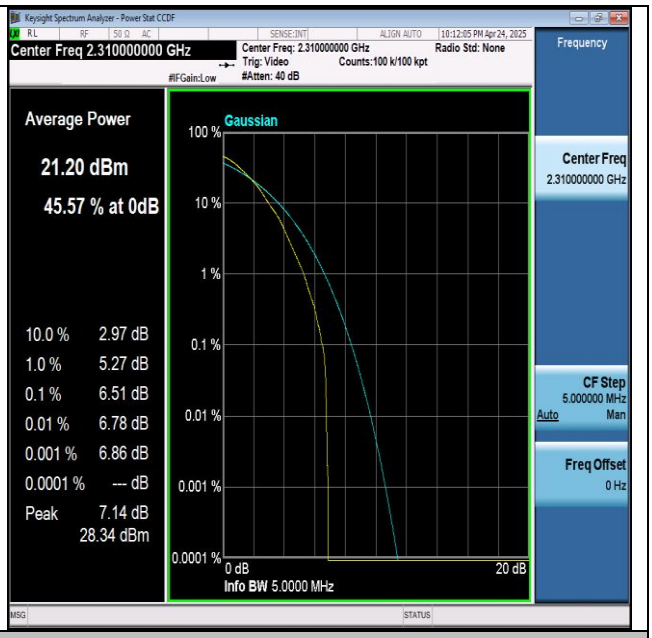

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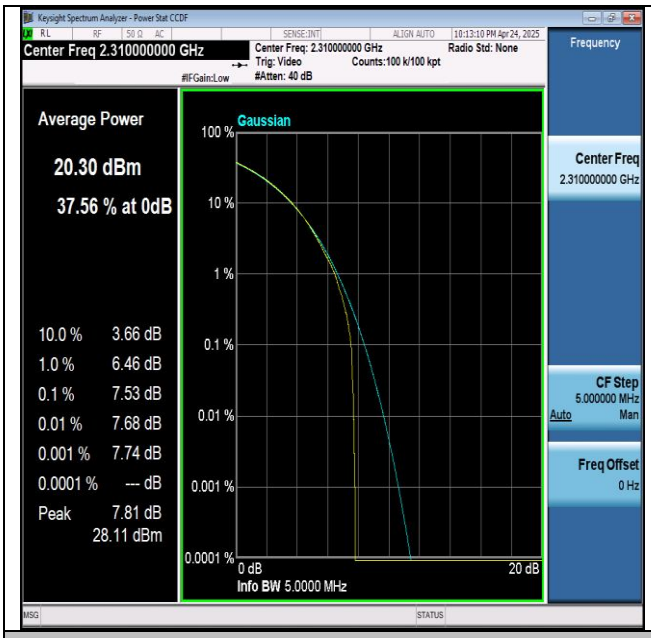

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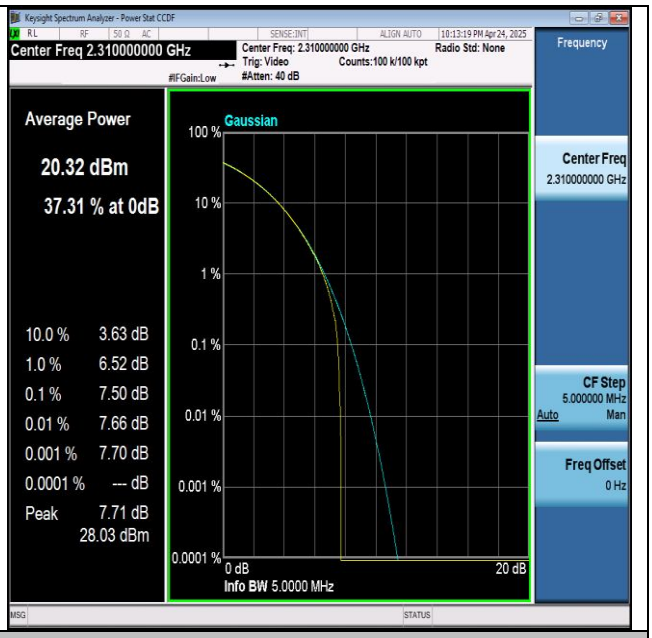

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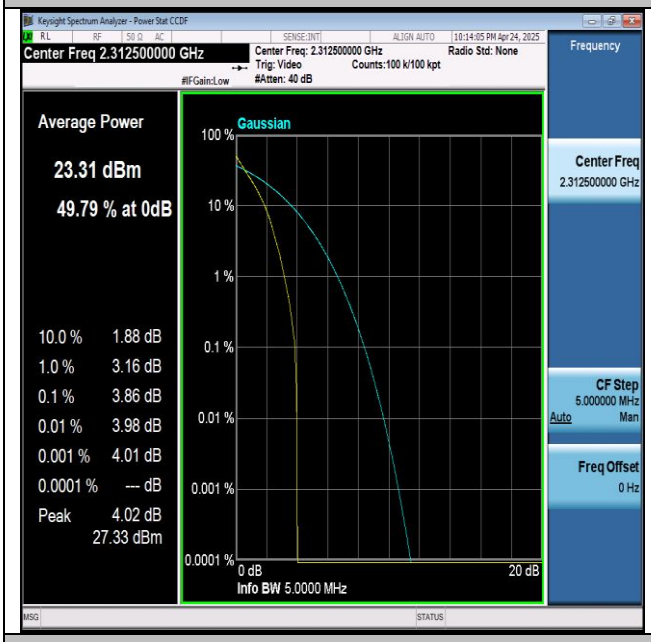

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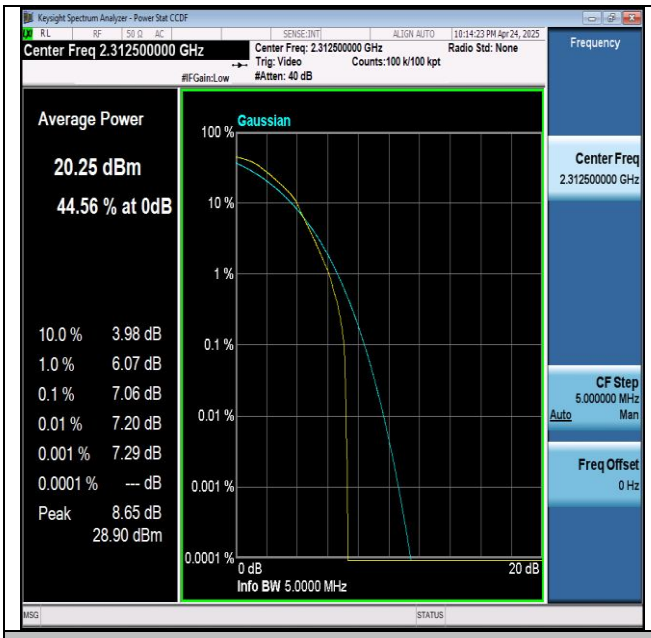

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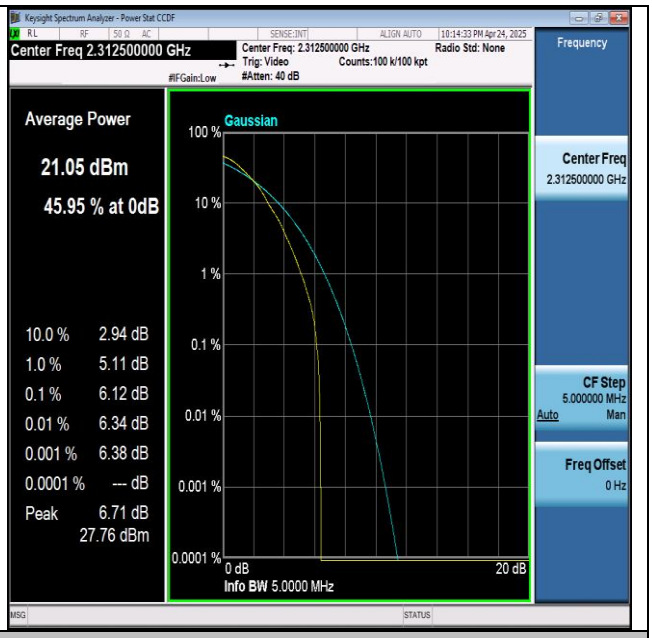

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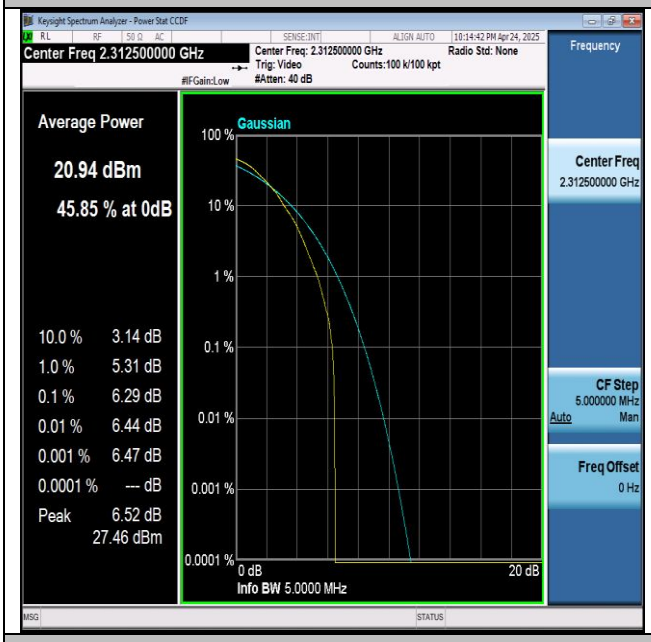

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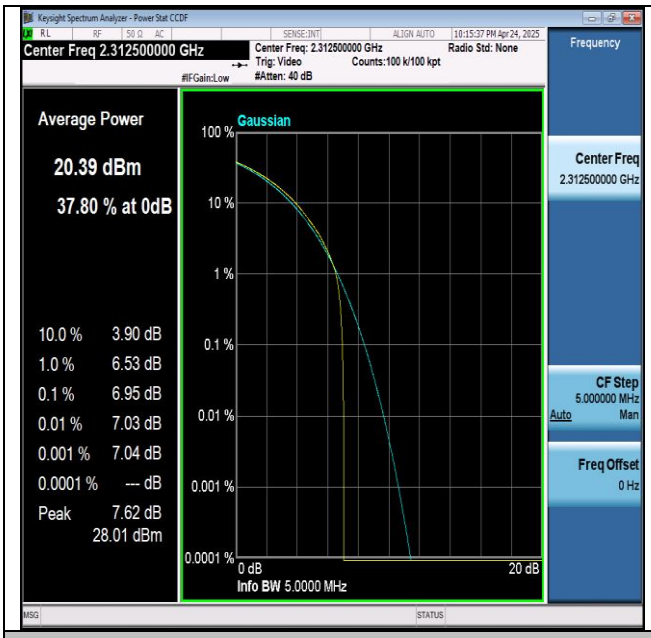

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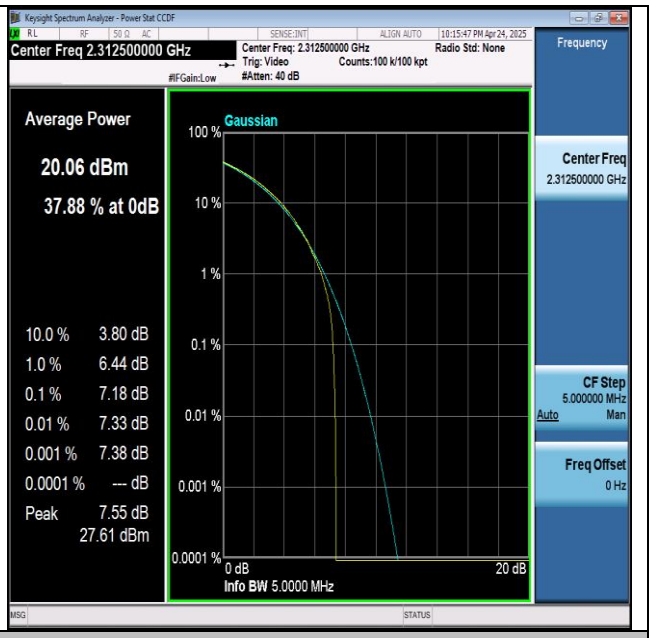

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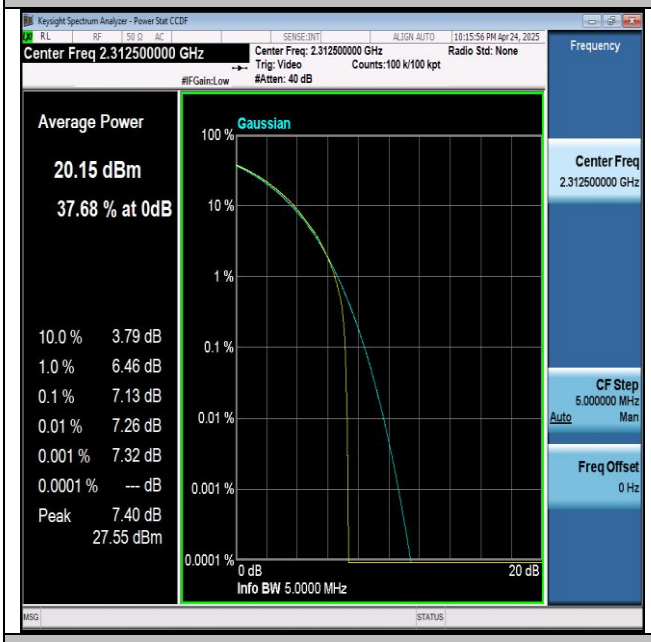

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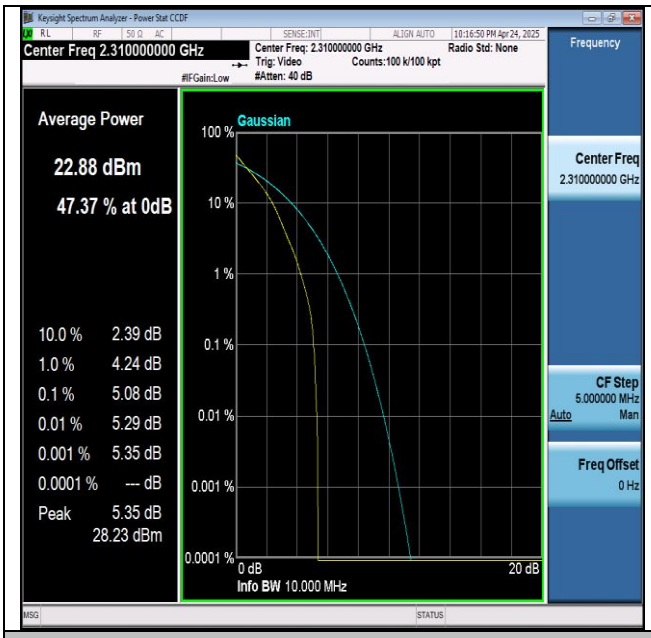

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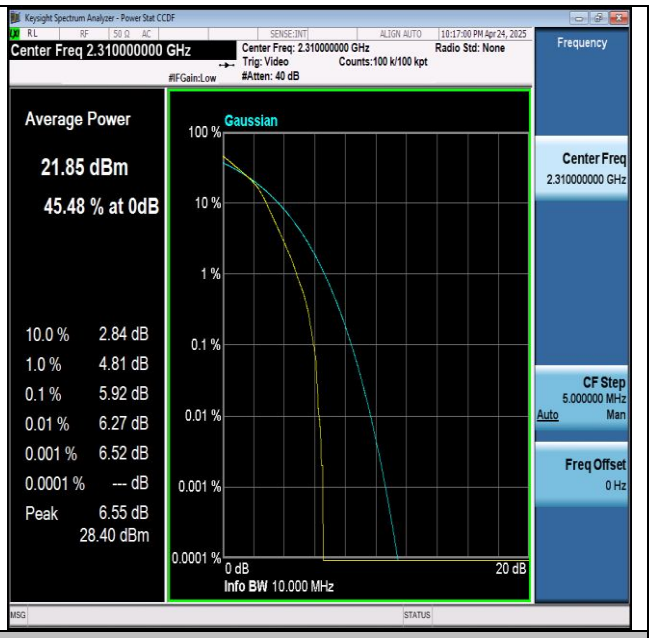

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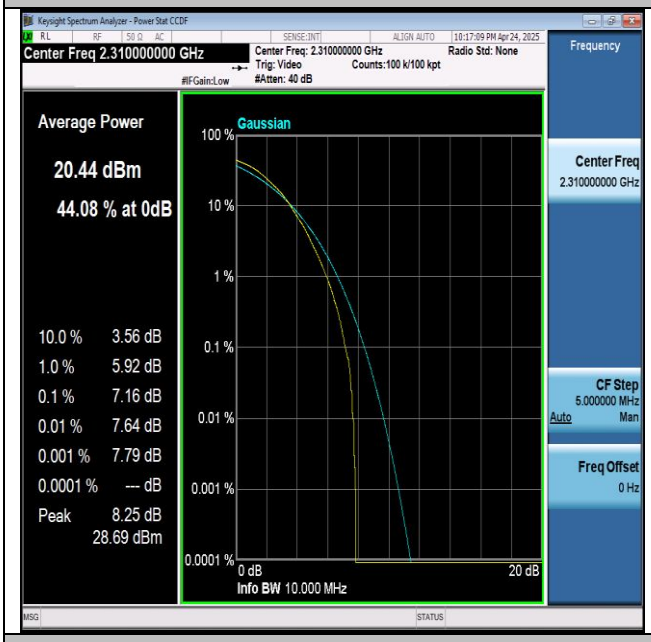

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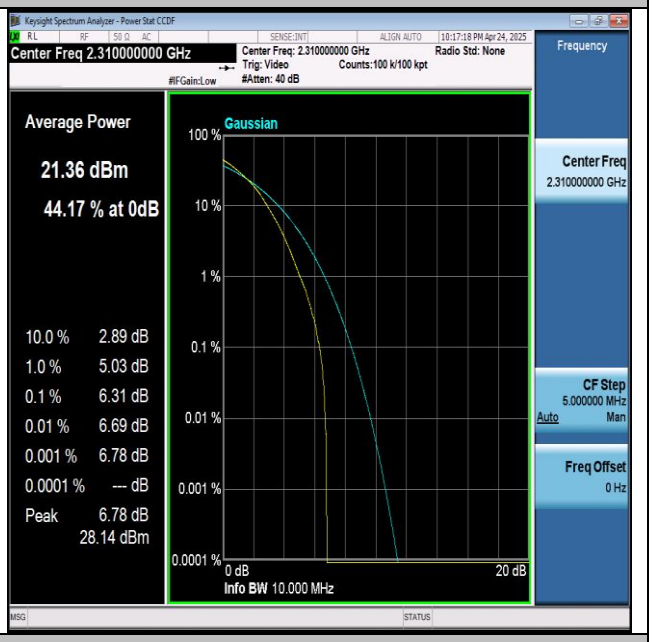

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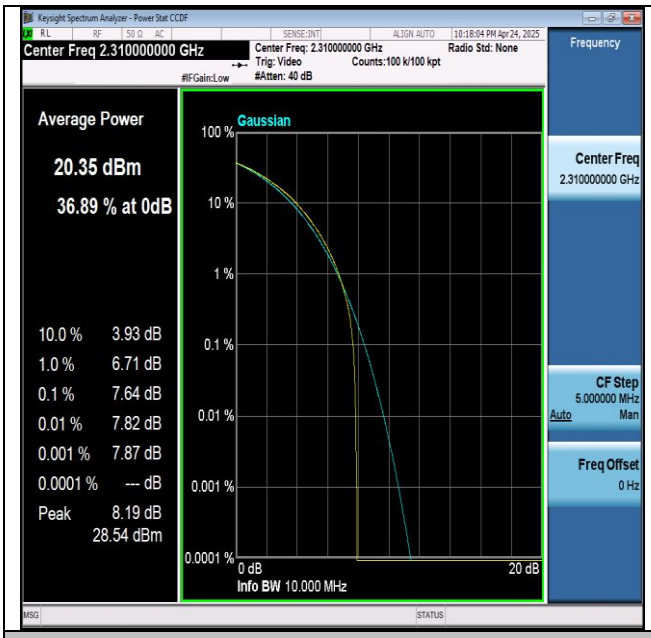

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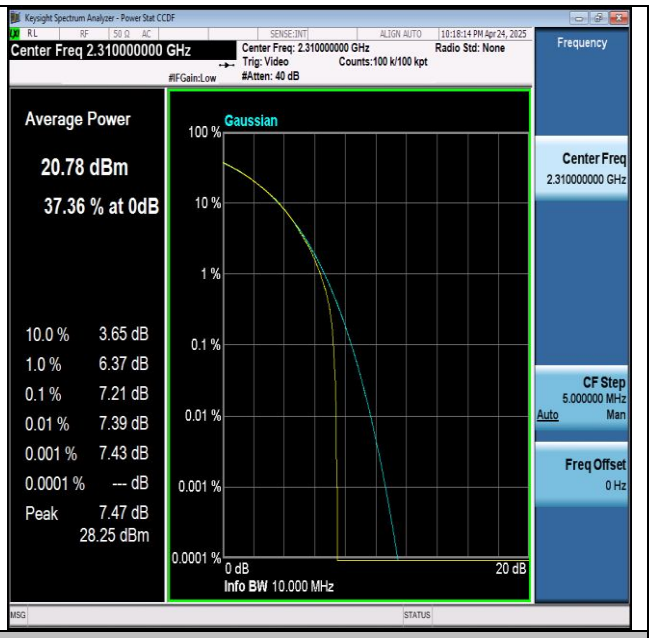

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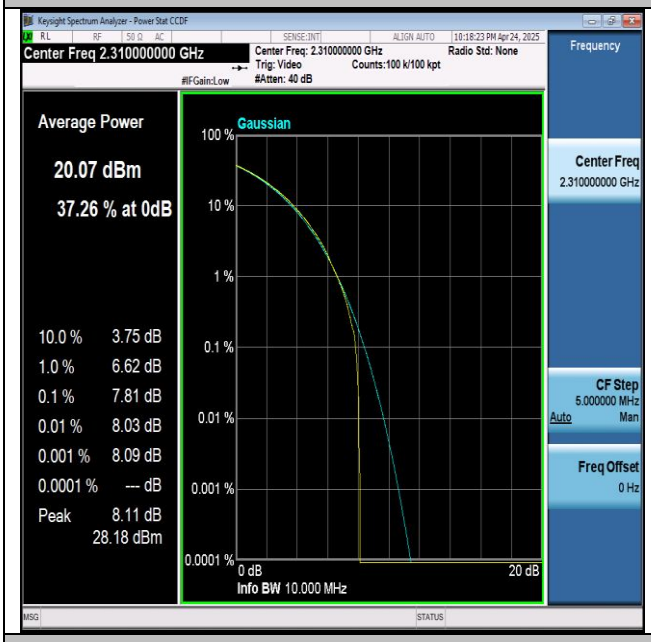

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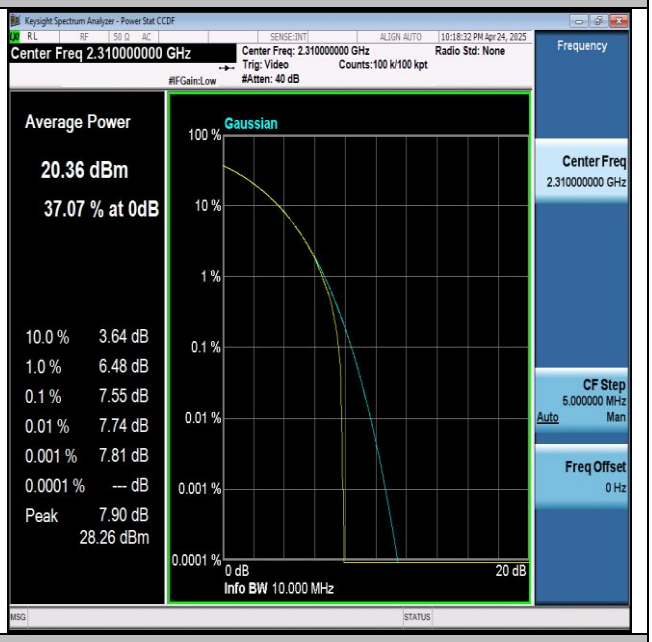

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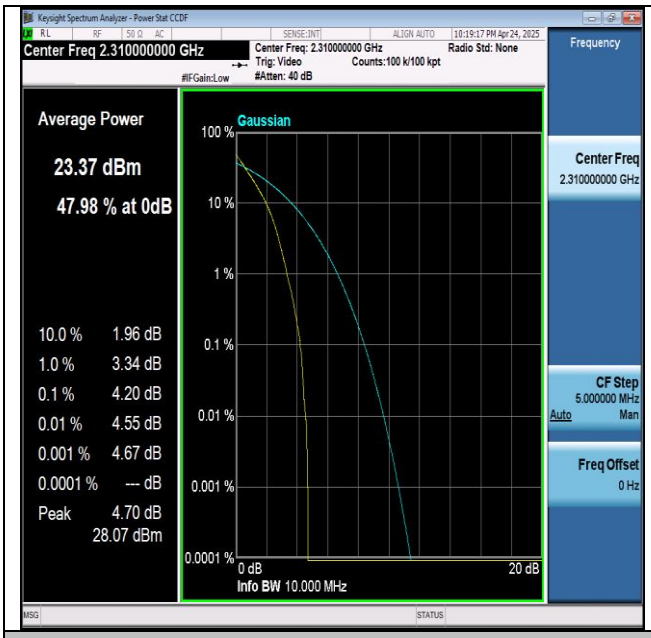

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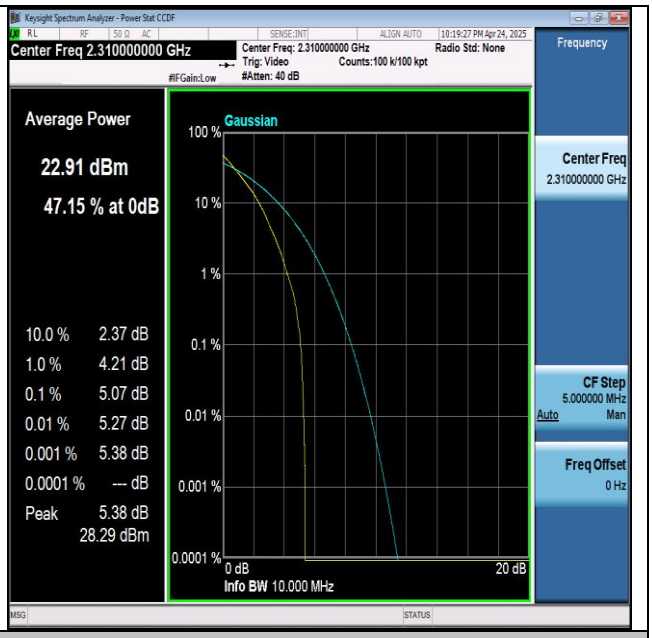

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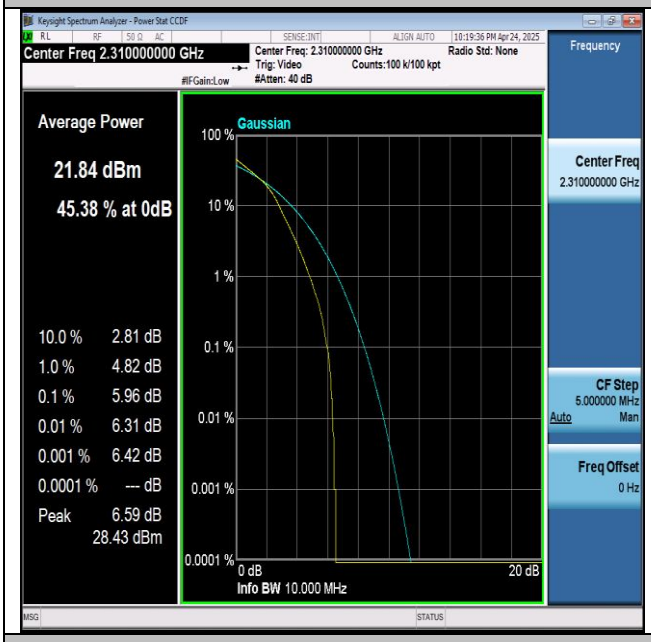

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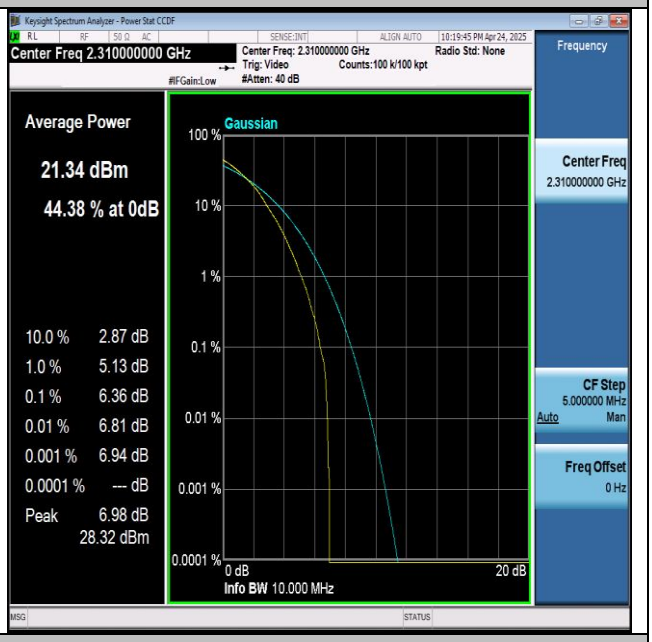

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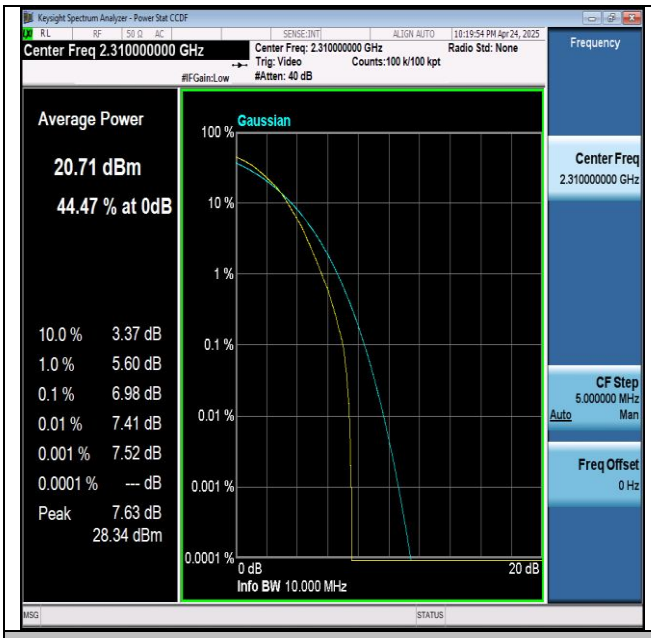

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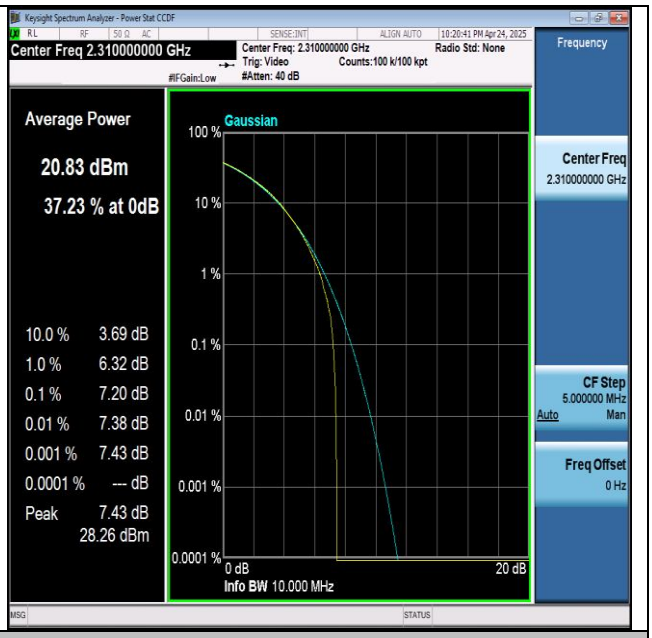

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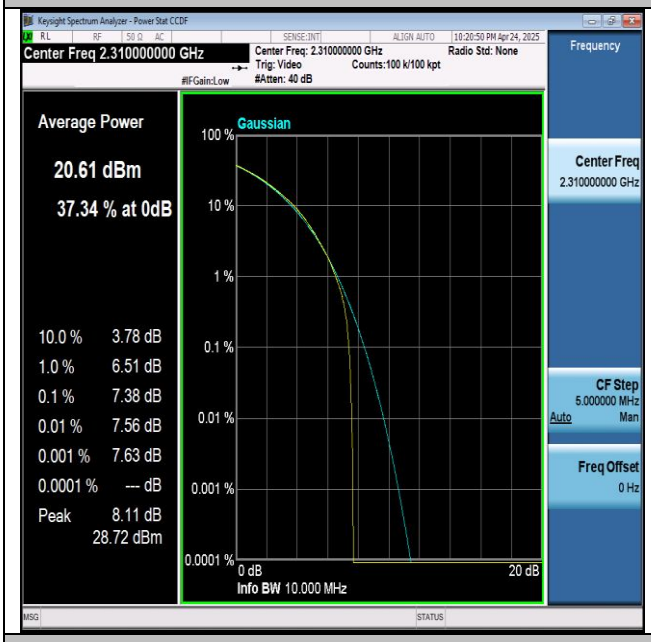

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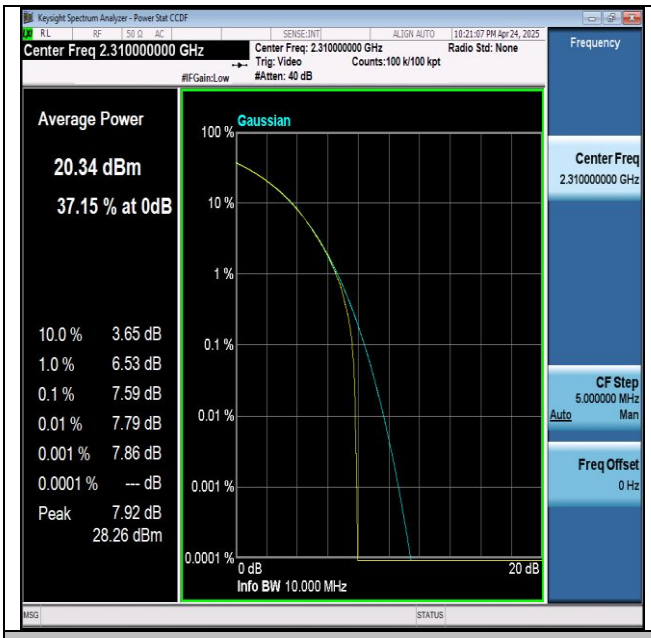

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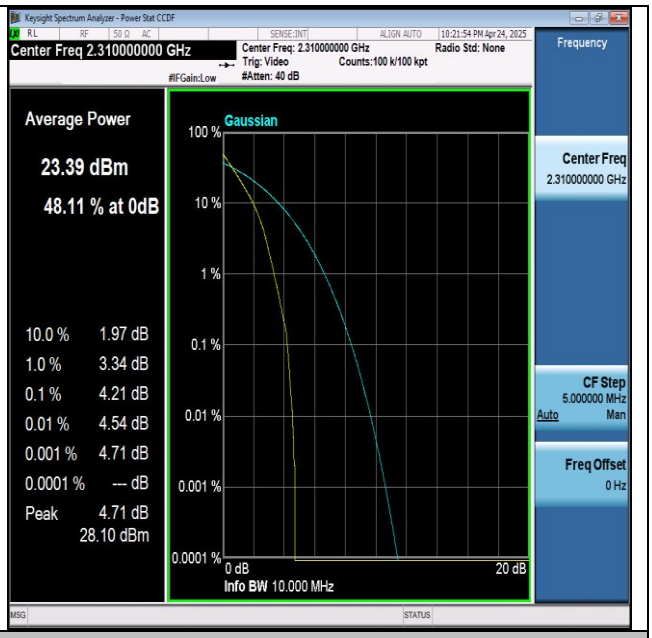

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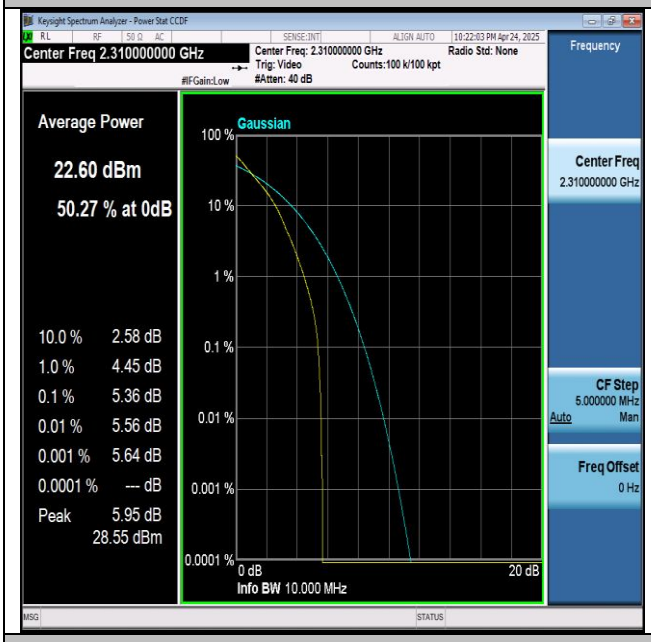

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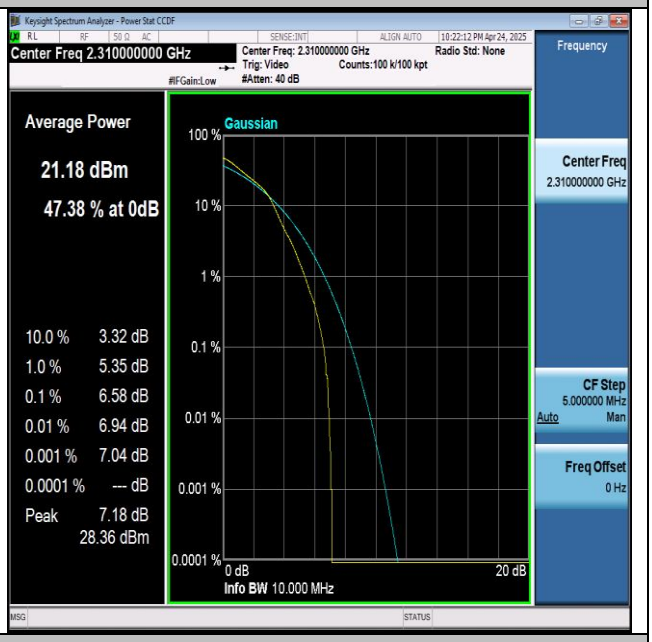

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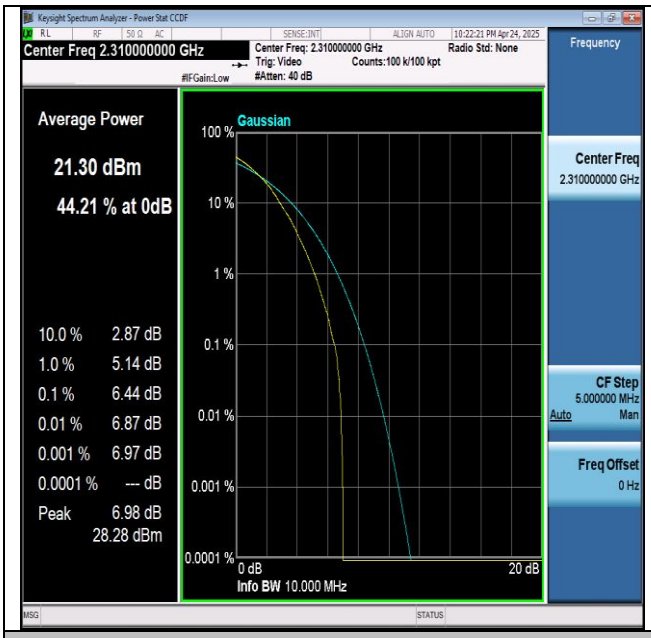

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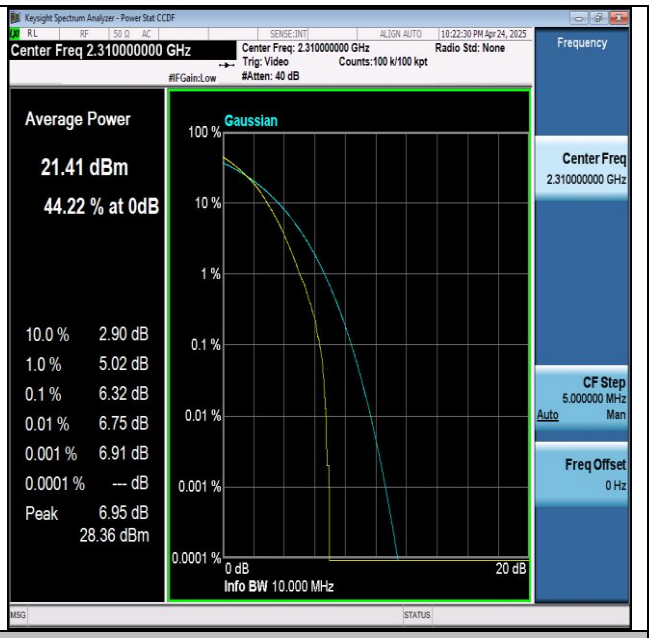

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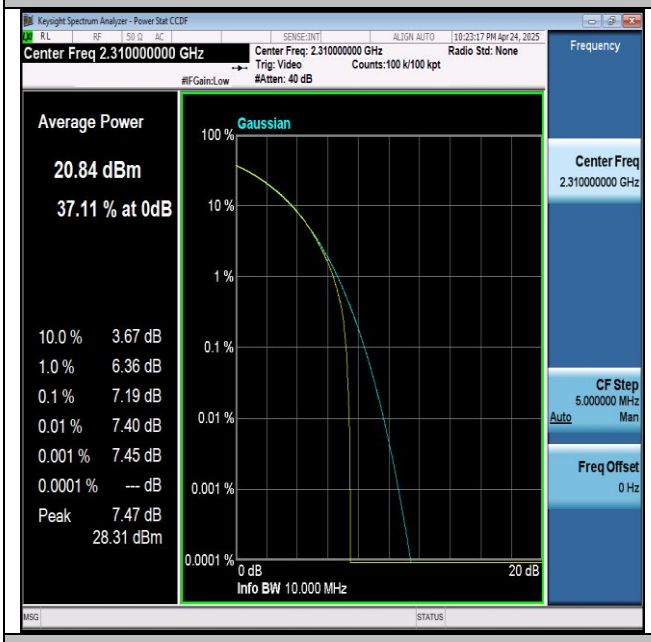

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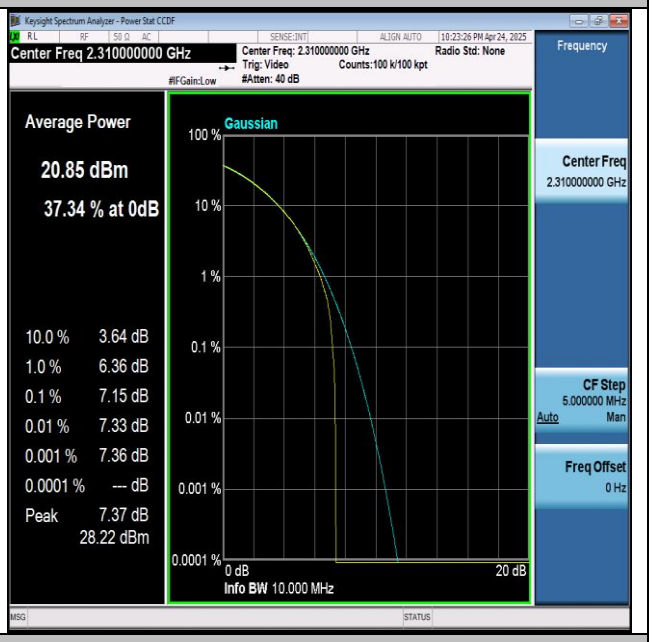

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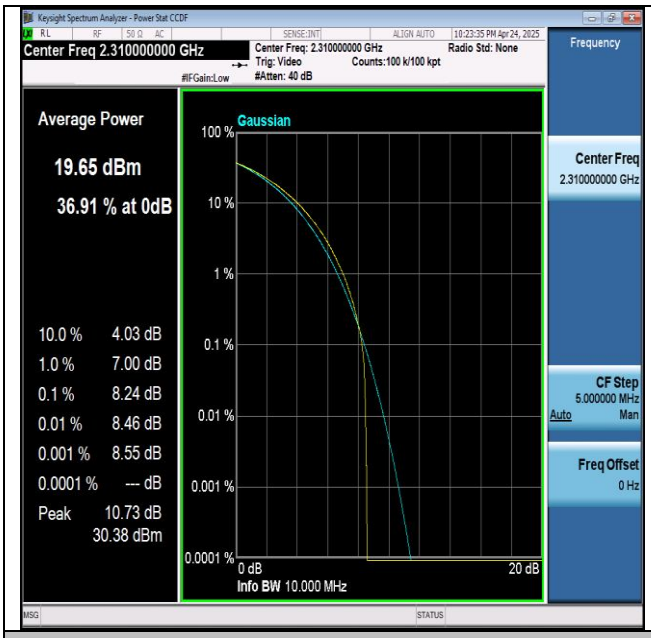

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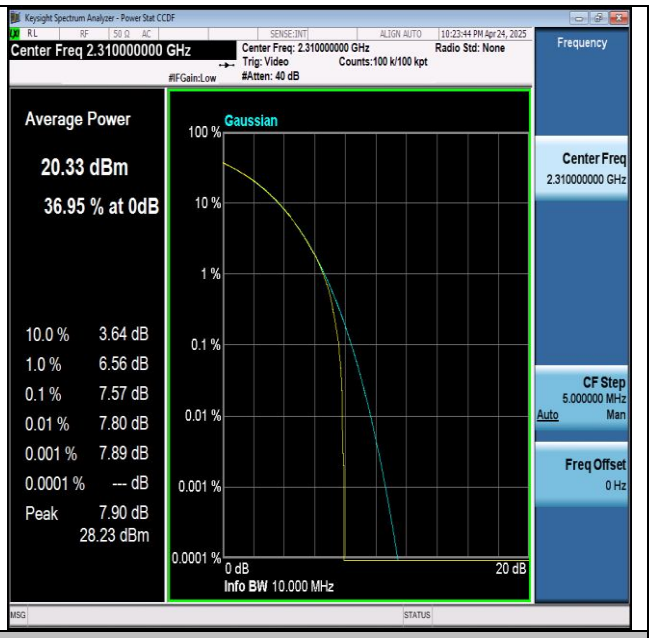

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% (MHz)	26dB (MHz)	Verdict
N30	15	5	DFT-PI2BPSK	L	Outer_Full	4.4875	4.978	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	4.4679	4.937	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	4.4712	5.035	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	4.4835	4.978	PASS
N30	15	5	CP-QPSK	L	Outer_Full	4.4683	5.009	PASS
N30	15	5	CP-16QAM	L	Outer_Full	4.4701	5.088	PASS
N30	15	5	CP-64QAM	L	Outer_Full	4.4766	5.115	PASS
N30	15	5	CP-256QAM	L	Outer_Full	4.4686	5.081	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.4892	4.912	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.4649	5.031	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.4712	4.926	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	4.4858	5.038	PASS
N30	15	5	CP-QPSK	M	Outer_Full	4.4731	5.120	PASS
N30	15	5	CP-16QAM	M	Outer_Full	4.4930	5.049	PASS
N30	15	5	CP-64QAM	M	Outer_Full	4.4724	5.072	PASS
N30	15	5	CP-256QAM	M	Outer_Full	4.4731	5.143	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	4.4849	4.982	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.4680	5.078	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	4.4756	5.094	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	4.4819	5.010	PASS
N30	15	5	CP-QPSK	H	Outer_Full	4.4645	5.032	PASS
N30	15	5	CP-16QAM	H	Outer_Full	4.4751	5.091	PASS
N30	15	5	CP-64QAM	H	Outer_Full	4.4717	5.107	PASS
N30	15	5	CP-256QAM	H	Outer_Full	4.4767	5.115	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	8.9207	9.609	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	8.9232	9.543	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	8.9346	9.565	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	8.9189	9.479	PASS
N30	15	10	CP-QPSK	L	Outer_Full	9.2662	10.06	PASS
N30	15	10	CP-16QAM	L	Outer_Full	9.2844	10.04	PASS
N30	15	10	CP-64QAM	L	Outer_Full	9.2950	10.06	PASS
N30	15	10	CP-256QAM	L	Outer_Full	9.2991	10.09	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	8.9252	9.585	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.9175	9.558	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.9437	9.668	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	8.9218	9.494	PASS
N30	15	10	CP-QPSK	M	Outer_Full	9.2665	9.924	PASS
N30	15	10	CP-16QAM	M	Outer_Full	9.2877	10.02	PASS
N30	15	10	CP-64QAM	M	Outer_Full	9.2878	10.04	PASS

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N30	15	10	CP-256QAM	M	Outer_Full	9.3039	10.08	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	8.9244	9.653	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	8.9271	9.568	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	8.9403	9.536	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	8.9268	9.476	PASS
N30	15	10	CP-QPSK	H	Outer_Full	9.2683	9.984	PASS
N30	15	10	CP-16QAM	H	Outer_Full	9.2816	10.02	PASS
N30	15	10	CP-64QAM	H	Outer_Full	9.2971	10.04	PASS
N30	15	10	CP-256QAM	H	Outer_Full	9.3002	10.10	PASS

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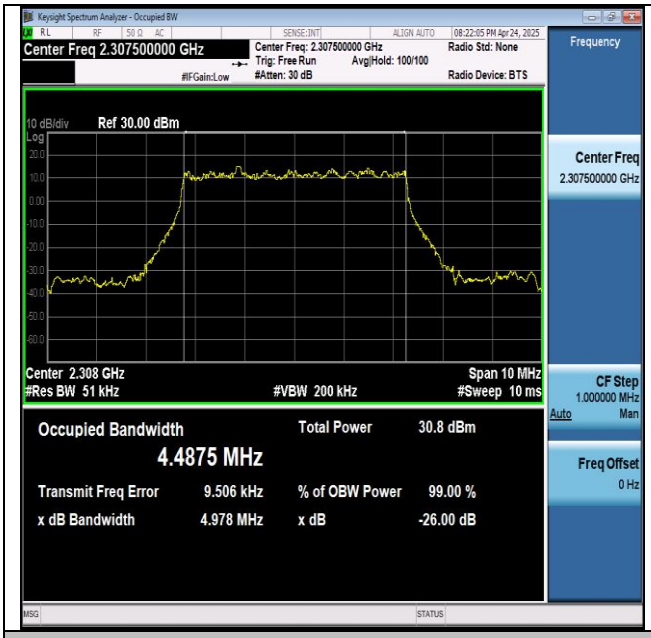
Test Graphs



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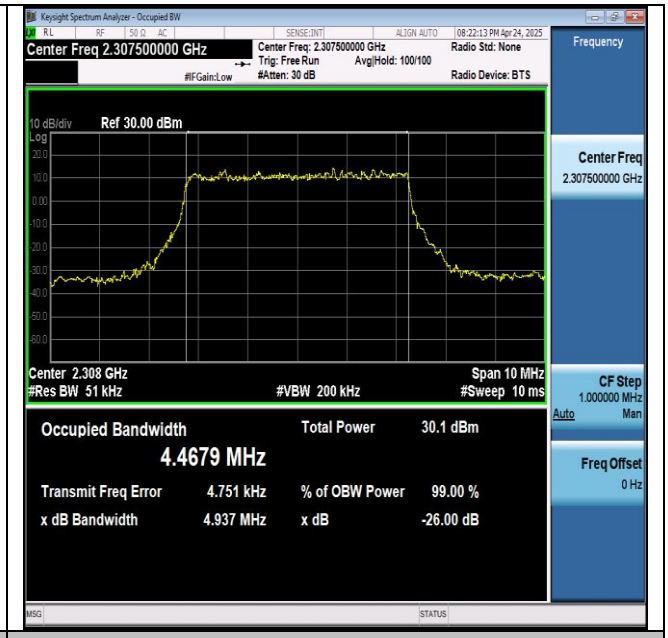

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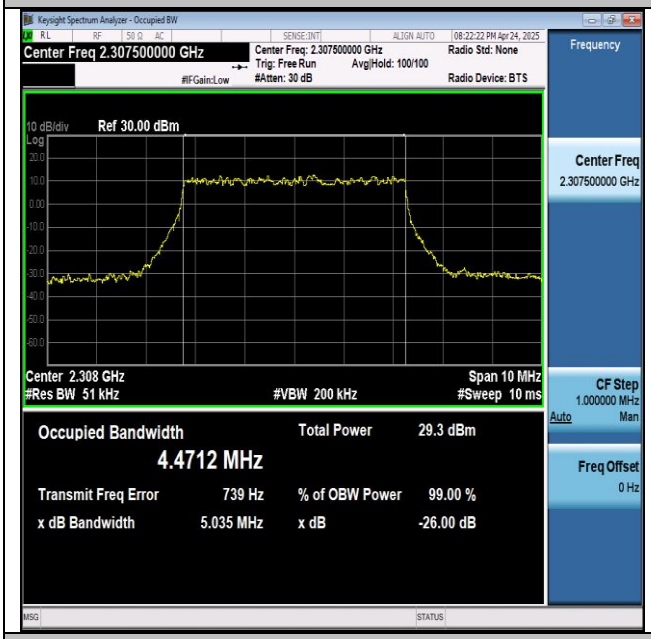

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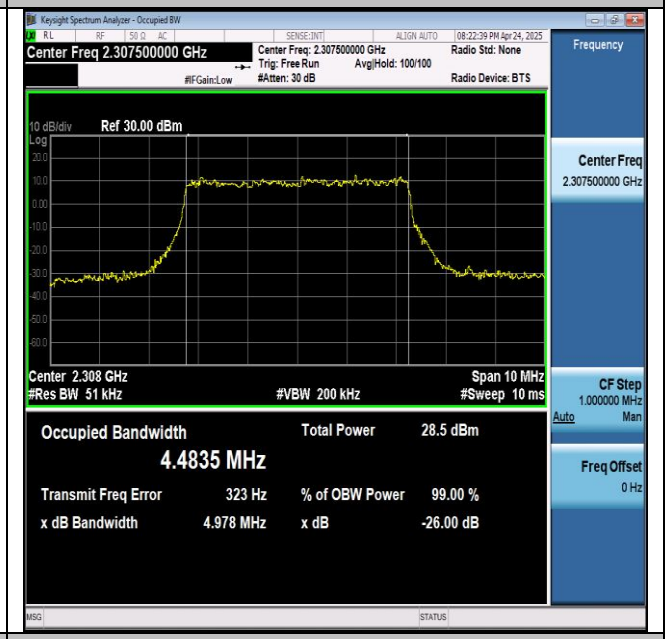

NTNV_N30_PC3_15_5_L_TID4_Ant1#1

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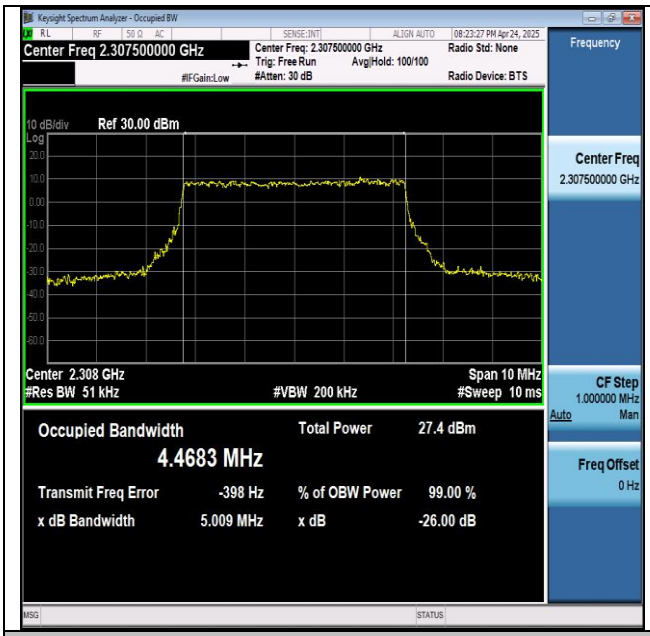

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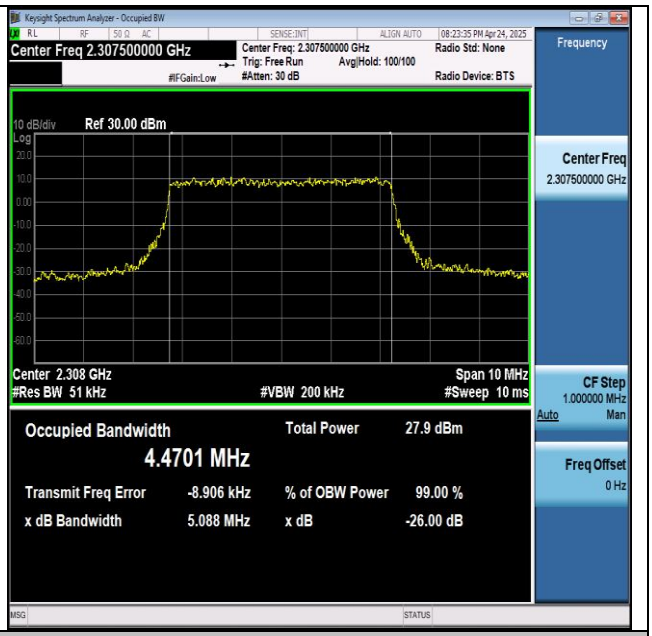

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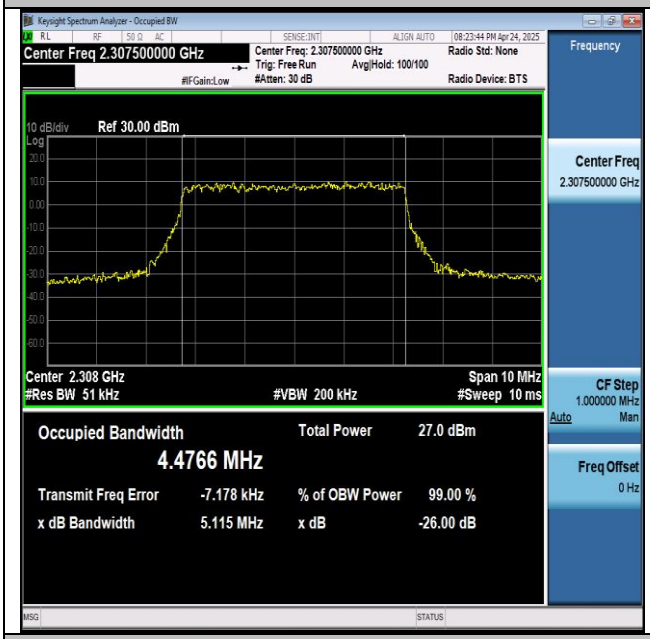

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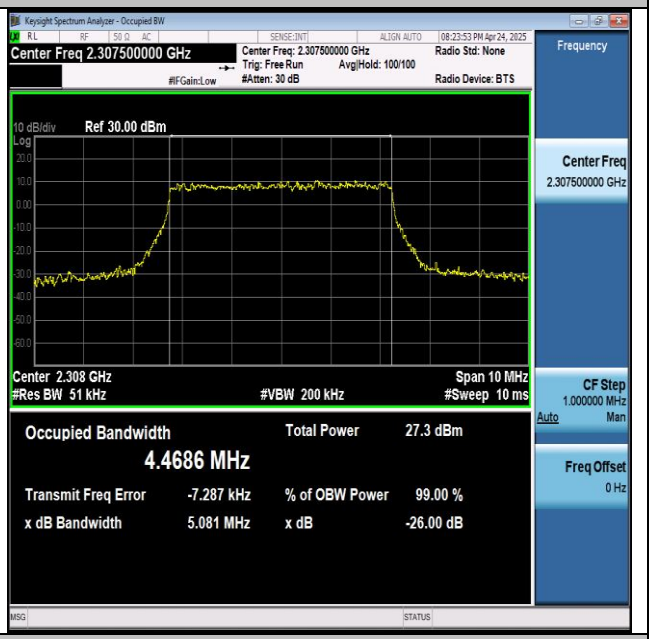

NTNV_N30_PC3_15_5_L_TID8_Ant1#1

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