Appendix-B NR Band n13

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N13	15	5	DFT-PI2BPSK	L	Outer_Full	22.92	20.07	44.77	PASS
N13	15	5	DFT-PI2BPSK	L	Inner_Full	23.07	20.22	44.77	PASS
N13	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.13	20.28	44.77	PASS
N13	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.2	20.35	44.77	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	22.59	19.74	44.77	PASS
N13	15	5	DFT-QPSK	L	Inner_Full	23.13	20.28	44.77	PASS
N13	15	5	DFT-QPSK	L	Inner_1RB_Left	22.97	20.12	44.77	PASS
N13	15	5	DFT-QPSK	L	Inner_1RB_Right	23.05	20.2	44.77	PASS
N13	15	5	DFT-16QAM	L	Outer_Full	21.77	18.92	44.77	PASS
N13	15	5	DFT-16QAM	L	Inner_Full	22.58	19.73	44.77	PASS
N13	15	5	DFT-16QAM	L	Inner_1RB_Left	22.75	19.9	44.77	PASS
N13	15	5	DFT-16QAM	L	Inner_1RB_Right	22.53	19.68	44.77	PASS
N13	15	5	DFT-64QAM	L	Outer_Full	21.37	18.52	44.77	PASS
N13	15	5	DFT-64QAM	L	Inner_Full	21.64	18.79	44.77	PASS
N13	15	5	DFT-64QAM	L	Inner_1RB_Left	21.6	18.75	44.77	PASS
N13	15	5	DFT-64QAM	L	Inner_1RB_Right	21.62	18.77	44.77	PASS
N13	15	5	DFT-256QAM	L	Outer_Full	19.57	16.72	44.77	PASS
N13	15	5	DFT-256QAM	L	Inner_Full	19.52	16.67	44.77	PASS
N13	15	5	DFT-256QAM	L	Inner_1RB_Left	19.71	16.86	44.77	PASS
N13	15	5	DFT-256QAM	L	Inner_1RB_Right	19.49	16.64	44.77	PASS
N13	15	5	DFT-PI2BPSK	M	Outer_Full	22.87	20.02	44.77	PASS
N13	15	5	DFT-PI2BPSK	M	Inner_Full	23.1	20.25	44.77	PASS
N13	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.17	20.32	44.77	PASS
N13	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.17	20.32	44.77	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	22.67	19.82	44.77	PASS
N13	15	5	DFT-QPSK	M	Inner_Full	23.14	20.29	44.77	PASS
N13	15	5	DFT-QPSK	M	Inner_1RB_Left	23.06	20.21	44.77	PASS
N13	15	5	DFT-QPSK	M	Inner_1RB_Right	23.03	20.18	44.77	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	21.65	18.8	44.77	PASS
N13	15	5	DFT-16QAM	M	Inner_Full	22.62	19.77	44.77	PASS
N13	15	5	DFT-16QAM	M	Inner_1RB_Left	22.58	19.73	44.77	PASS
N13	15	5	DFT-16QAM	M	Inner_1RB_Right	22.55	19.7	44.77	PASS
N13	15	5	DFT-64QAM	M	Outer_Full	21.38	18.53	44.77	PASS
N13	15	5	DFT-64QAM	M	Inner_Full	21.57	18.72	44.77	PASS
N13	15	5	DFT-64QAM	M	Inner_1RB_Left	21.66	18.81	44.77	PASS
N13	15	5	DFT-64QAM	M	Inner_1RB_Right	21.65	18.8	44.77	PASS

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N13	15	5	DFT-256QAM	M	Outer_Full	19.44	16.59	44.77	PASS
N13	15	5	DFT-256QAM	M	Inner_Full	19.51	16.66	44.77	PASS
N13	15	5	DFT-256QAM	M	Inner_1RB_Left	19.72	16.87	44.77	PASS
N13	15	5	DFT-256QAM	M	Inner_1RB_Right	19.55	16.7	44.77	PASS
N13	15	5	DFT-PI2BPSK	H	Outer_Full	22.89	20.04	44.77	PASS
N13	15	5	DFT-PI2BPSK	H	Inner_Full	23.05	20.2	44.77	PASS
N13	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.16	20.31	44.77	PASS
N13	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.12	20.27	44.77	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	22.64	19.79	44.77	PASS
N13	15	5	DFT-QPSK	H	Inner_Full	23.12	20.27	44.77	PASS
N13	15	5	DFT-QPSK	H	Inner_1RB_Left	23.04	20.19	44.77	PASS
N13	15	5	DFT-QPSK	H	Inner_1RB_Right	23.01	20.16	44.77	PASS
N13	15	5	DFT-16QAM	H	Outer_Full	21.65	18.8	44.77	PASS
N13	15	5	DFT-16QAM	H	Inner_Full	22.47	19.62	44.77	PASS
N13	15	5	DFT-16QAM	H	Inner_1RB_Left	22.67	19.82	44.77	PASS
N13	15	5	DFT-16QAM	H	Inner_1RB_Right	22.53	19.68	44.77	PASS
N13	15	5	DFT-64QAM	H	Outer_Full	21.33	18.48	44.77	PASS
N13	15	5	DFT-64QAM	H	Inner_Full	21.51	18.66	44.77	PASS
N13	15	5	DFT-64QAM	H	Inner_1RB_Left	21.63	18.78	44.77	PASS
N13	15	5	DFT-64QAM	H	Inner_1RB_Right	21.58	18.73	44.77	PASS
N13	15	5	DFT-256QAM	H	Outer_Full	19.55	16.7	44.77	PASS
N13	15	5	DFT-256QAM	H	Inner_Full	19.45	16.6	44.77	PASS
N13	15	5	DFT-256QAM	H	Inner_1RB_Left	19.52	16.67	44.77	PASS
N13	15	5	DFT-256QAM	H	Inner_1RB_Right	19.56	16.71	44.77	PASS
N13	15	10	DFT-PI2BPSK	L	Outer_Full	22.91	20.06	44.77	PASS
N13	15	10	DFT-PI2BPSK	L	Inner_Full	23.11	20.26	44.77	PASS
N13	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.17	20.32	44.77	PASS
N13	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.22	20.37	44.77	PASS
N13	15	10	DFT-QPSK	L	Outer_Full	22.71	19.86	44.77	PASS
N13	15	10	DFT-QPSK	L	Inner_Full	23.14	20.29	44.77	PASS
N13	15	10	DFT-QPSK	L	Inner_1RB_Left	23	20.15	44.77	PASS
N13	15	10	DFT-QPSK	L	Inner_1RB_Right	23.05	20.2	44.77	PASS
N13	15	10	DFT-16QAM	L	Outer_Full	21.71	18.86	44.77	PASS
N13	15	10	DFT-16QAM	L	Inner_Full	22.65	19.8	44.77	PASS
N13	15	10	DFT-16QAM	L	Inner_1RB_Left	22.79	19.94	44.77	PASS
N13	15	10	DFT-16QAM	L	Inner_1RB_Right	22.51	19.66	44.77	PASS
N13	15	10	DFT-64QAM	L	Outer_Full	21.36	18.51	44.77	PASS
N13	15	10	DFT-64QAM	L	Inner_Full	21.64	18.79	44.77	PASS
N13	15	10	DFT-64QAM	L	Inner_1RB_Left	21.67	18.82	44.77	PASS
N13	15	10	DFT-64QAM	L	Inner_1RB_Right	21.63	18.78	44.77	PASS
N13	15	10	DFT-256QAM	L	Outer_Full	19.32	16.47	44.77	PASS
N13	15	10	DFT-256QAM	L	Inner_Full	19.24	16.39	44.77	PASS
N13	15	10	DFT-256QAM	L	Inner_1RB_Left	19.32	16.47	44.77	PASS
N13	15	10	DFT-256QAM	L	Inner_1RB_Right	19.73	16.88	44.77	PASS

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N13	15	10	DFT-PI2BPSK	M	Outer_Full	22.98	20.13	44.77	PASS
N13	15	10	DFT-PI2BPSK	M	Inner_Full	23.14	20.29	44.77	PASS
N13	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.17	20.32	44.77	PASS
N13	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.14	20.29	44.77	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	22.66	19.81	44.77	PASS
N13	15	10	DFT-QPSK	M	Inner_Full	23.13	20.28	44.77	PASS
N13	15	10	DFT-QPSK	M	Inner_1RB_Left	23.04	20.19	44.77	PASS
N13	15	10	DFT-QPSK	M	Inner_1RB_Right	23.11	20.26	44.77	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	21.73	18.88	44.77	PASS
N13	15	10	DFT-16QAM	M	Inner_Full	22.68	19.83	44.77	PASS
N13	15	10	DFT-16QAM	M	Inner_1RB_Left	22.56	19.71	44.77	PASS
N13	15	10	DFT-16QAM	M	Inner_1RB_Right	22.59	19.74	44.77	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	21.23	18.38	44.77	PASS
N13	15	10	DFT-64QAM	M	Inner_Full	21.68	18.83	44.77	PASS
N13	15	10	DFT-64QAM	M	Inner_1RB_Left	21.68	18.83	44.77	PASS
N13	15	10	DFT-64QAM	M	Inner_1RB_Right	21.63	18.78	44.77	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	19.46	16.61	44.77	PASS
N13	15	10	DFT-256QAM	M	Inner_Full	19.28	16.43	44.77	PASS
N13	15	10	DFT-256QAM	M	Inner_1RB_Left	19.87	17.02	44.77	PASS
N13	15	10	DFT-256QAM	M	Inner_1RB_Right	19.86	17.01	44.77	PASS
N13	15	10	DFT-PI2BPSK	H	Outer_Full	22.89	20.04	44.77	PASS
N13	15	10	DFT-PI2BPSK	H	Inner_Full	23.09	20.24	44.77	PASS
N13	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.25	20.4	44.77	PASS
N13	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.29	20.44	44.77	PASS
N13	15	10	DFT-QPSK	H	Outer_Full	22.72	19.87	44.77	PASS
N13	15	10	DFT-QPSK	H	Inner_Full	23.12	20.27	44.77	PASS
N13	15	10	DFT-QPSK	H	Inner_1RB_Left	23.12	20.27	44.77	PASS
N13	15	10	DFT-QPSK	H	Inner_1RB_Right	23.14	20.29	44.77	PASS
N13	15	10	DFT-16QAM	H	Outer_Full	21.74	18.89	44.77	PASS
N13	15	10	DFT-16QAM	H	Inner_Full	22.63	19.78	44.77	PASS
N13	15	10	DFT-16QAM	H	Inner_1RB_Left	22.59	19.74	44.77	PASS
N13	15	10	DFT-16QAM	H	Inner_1RB_Right	22.51	19.66	44.77	PASS
N13	15	10	DFT-64QAM	H	Outer_Full	21.38	18.53	44.77	PASS
N13	15	10	DFT-64QAM	H	Inner_Full	21.67	18.82	44.77	PASS
N13	15	10	DFT-64QAM	H	Inner_1RB_Left	21.62	18.77	44.77	PASS
N13	15	10	DFT-64QAM	H	Inner_1RB_Right	21.67	18.82	44.77	PASS
N13	15	10	DFT-256QAM	H	Outer_Full	19.59	16.74	44.77	PASS
N13	15	10	DFT-256QAM	H	Inner_Full	19.59	16.74	44.77	PASS
N13	15	10	DFT-256QAM	H	Inner_1RB_Left	19.32	16.47	44.77	PASS
N13	15	10	DFT-256QAM	H	Inner_1RB_Right	19.28	16.43	44.77	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
N13	15	5	DFT-PI2BPSK	L	Outer_Full	4.11	≤13	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	4.98	≤13	PASS
N13	15	5	DFT-16QAM	L	Outer_Full	5.71	≤13	PASS
N13	15	5	DFT-64QAM	L	Outer_Full	6.50	≤13	PASS
N13	15	5	DFT-256QAM	L	Outer_Full	6.41	≤13	PASS
N13	15	5	CP-QPSK	L	Outer_Full	7.63	≤13	PASS
N13	15	5	CP-16QAM	L	Outer_Full	7.89	≤13	PASS
N13	15	5	CP-64QAM	L	Outer_Full	7.63	≤13	PASS
N13	15	5	CP-256QAM	L	Outer_Full	7.77	≤13	PASS
N13	15	5	DFT-PI2BPSK	M	Outer_Full	3.85	≤13	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	4.58	≤13	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	5.56	≤13	PASS
N13	15	5	DFT-64QAM	M	Outer_Full	5.89	≤13	PASS
N13	15	5	DFT-256QAM	M	Outer_Full	6.49	≤13	PASS
N13	15	5	CP-QPSK	M	Outer_Full	6.64	≤13	PASS
N13	15	5	CP-16QAM	M	Outer_Full	6.98	≤13	PASS
N13	15	5	CP-64QAM	M	Outer_Full	8.09	≤13	PASS
N13	15	5	CP-256QAM	M	Outer_Full	7.15	≤13	PASS
N13	15	5	DFT-PI2BPSK	H	Outer_Full	4.03	≤13	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	4.59	≤13	PASS
N13	15	5	DFT-16QAM	H	Outer_Full	6.30	≤13	PASS
N13	15	5	DFT-64QAM	H	Outer_Full	6.38	≤13	PASS
N13	15	5	DFT-256QAM	H	Outer_Full	6.57	≤13	PASS
N13	15	5	CP-QPSK	H	Outer_Full	7.11	≤13	PASS
N13	15	5	CP-16QAM	H	Outer_Full	6.86	≤13	PASS
N13	15	5	CP-64QAM	H	Outer_Full	7.26	≤13	PASS
N13	15	5	CP-256QAM	H	Outer_Full	7.48	≤13	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	4.22	≤13	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	5.68	≤13	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	6.07	≤13	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	6.43	≤13	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	6.34	≤13	PASS
N13	15	10	CP-QPSK	M	Outer_Full	7.15	≤13	PASS
N13	15	10	CP-16QAM	M	Outer_Full	7.41	≤13	PASS
N13	15	10	CP-64QAM	M	Outer_Full	7.99	≤13	PASS
N13	15	10	CP-256QAM	M	Outer_Full	7.77	≤13	PASS
N13	15	10	DFT-PI2BPSK	L	Outer_Full	4.15	≤13	PASS
N13	15	10	DFT-QPSK	L	Outer_Full	5.15	≤13	PASS
N13	15	10	DFT-16QAM	L	Outer_Full	6.04	≤13	PASS

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N13	15	10	DFT-64QAM	L	Outer_Full	6.31	≤13	PASS
N13	15	10	DFT-256QAM	L	Outer_Full	6.31	≤13	PASS
N13	15	10	CP-QPSK	L	Outer_Full	7.54	≤13	PASS
N13	15	10	CP-16QAM	L	Outer_Full	7.43	≤13	PASS
N13	15	10	CP-64QAM	L	Outer_Full	7.70	≤13	PASS
N13	15	10	CP-256QAM	L	Outer_Full	7.72	≤13	PASS
N13	15	10	DFT-PI2BPSK	H	Outer_Full	4.23	≤13	PASS
N13	15	10	DFT-QPSK	H	Outer_Full	5.32	≤13	PASS
N13	15	10	DFT-16QAM	H	Outer_Full	6.18	≤13	PASS
N13	15	10	DFT-64QAM	H	Outer_Full	6.75	≤13	PASS
N13	15	10	DFT-256QAM	H	Outer_Full	7.17	≤13	PASS
N13	15	10	CP-QPSK	H	Outer_Full	7.98	≤13	PASS
N13	15	10	CP-16QAM	H	Outer_Full	7.43	≤13	PASS
N13	15	10	CP-64QAM	H	Outer_Full	7.72	≤13	PASS
N13	15	10	CP-256QAM	H	Outer_Full	7.72	≤13	PASS

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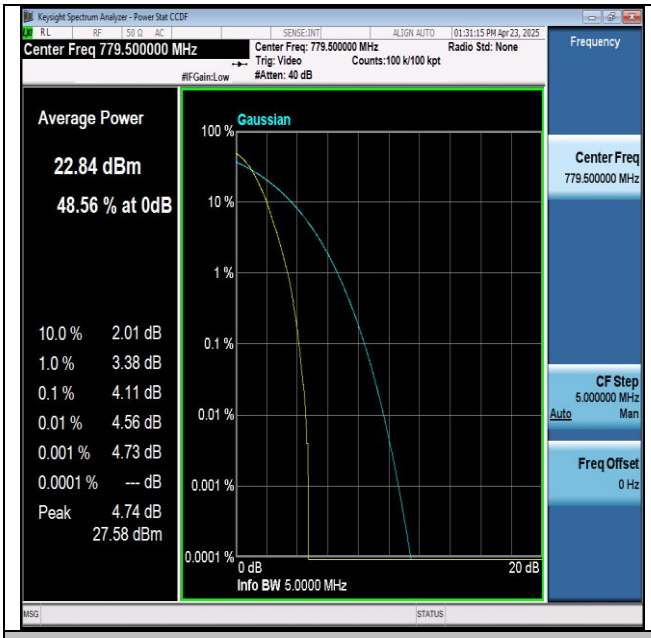
Test Graphs



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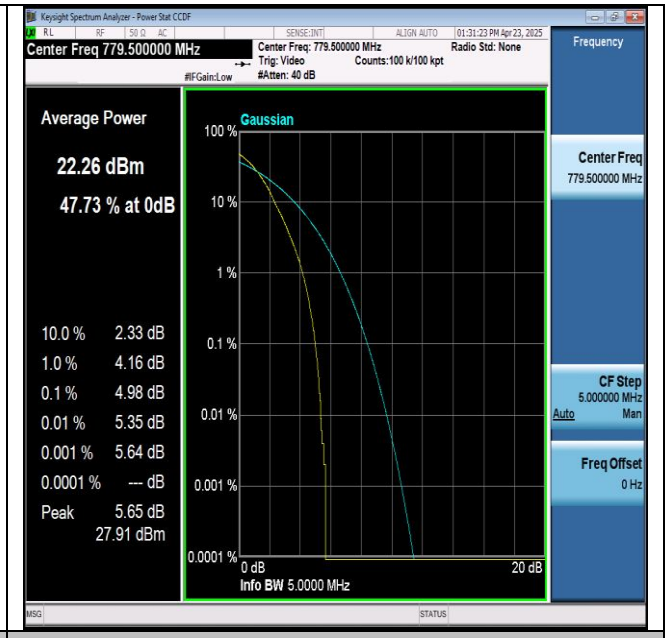

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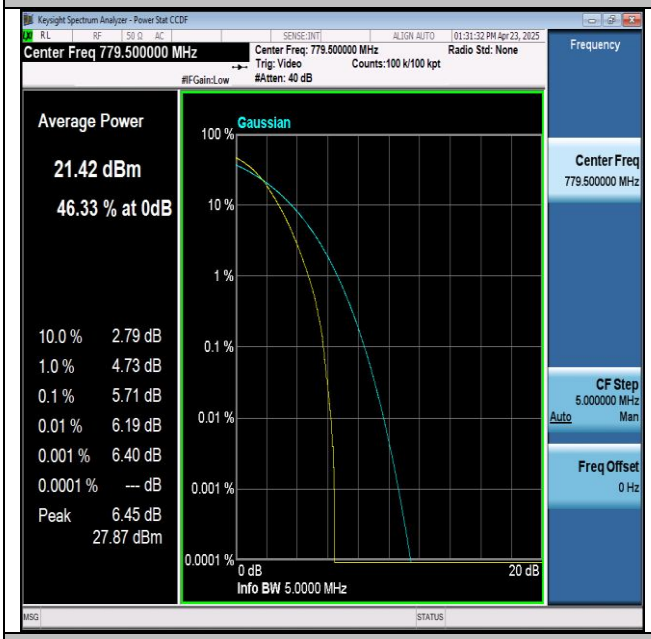

NTNV_N13_PC3_15_5_L_TID3_#1

NTNV_N13_PC3_15_5_L_TID4_#1

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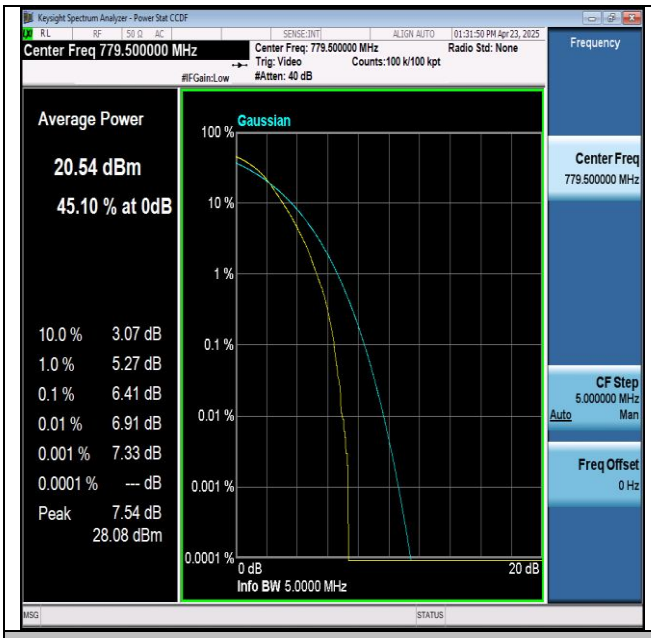

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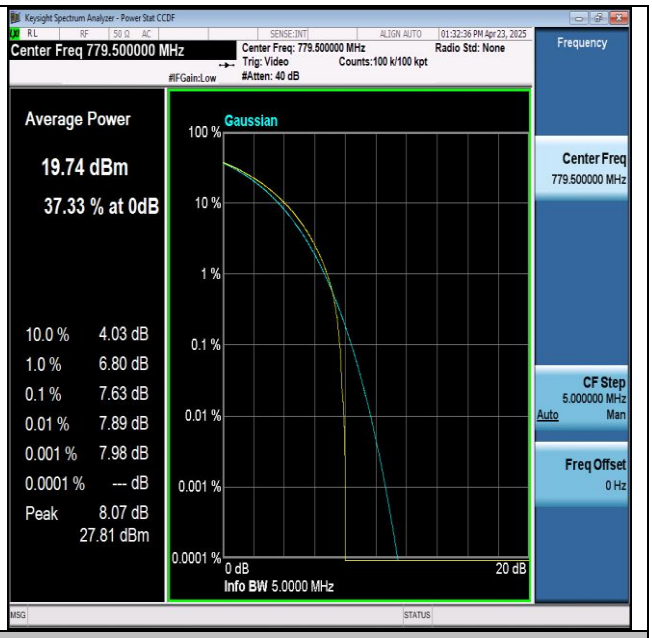

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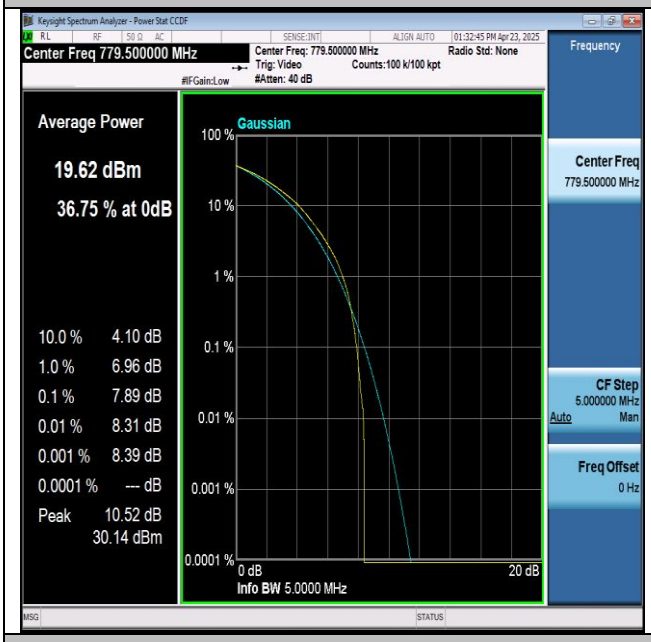

NTNV_N13_PC3_15_5_L_TID7_#1

NTNV_N13_PC3_15_5_L_TID8_#1

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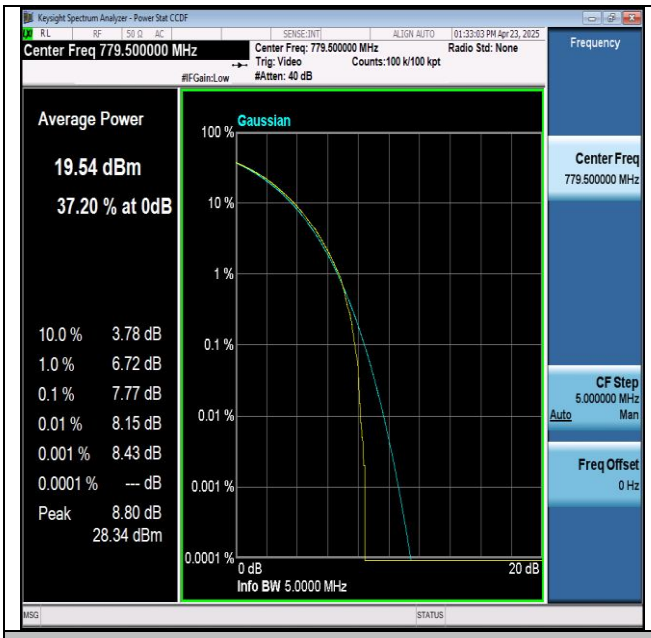

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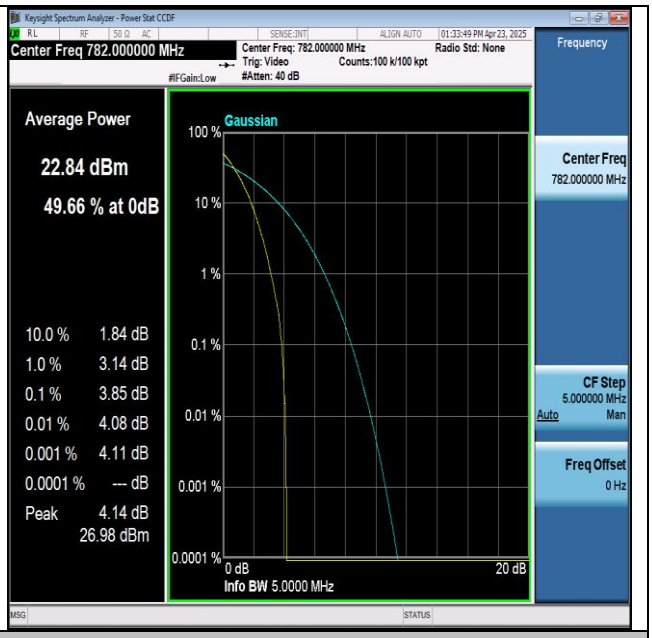

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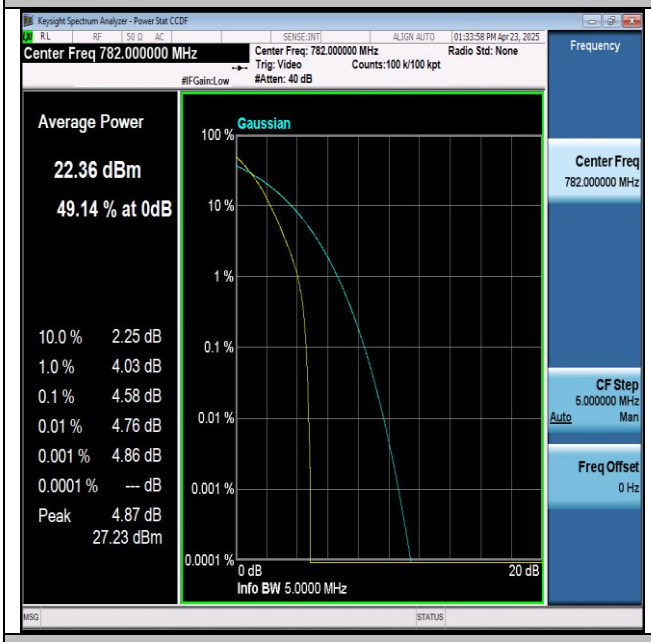

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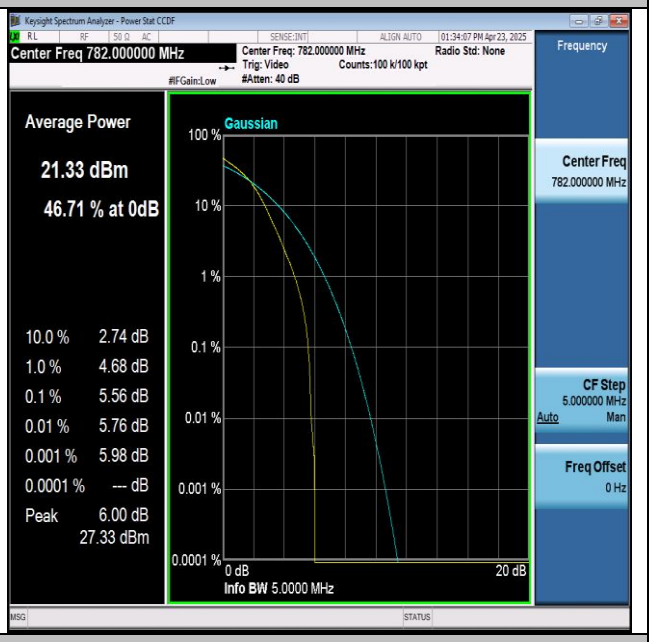

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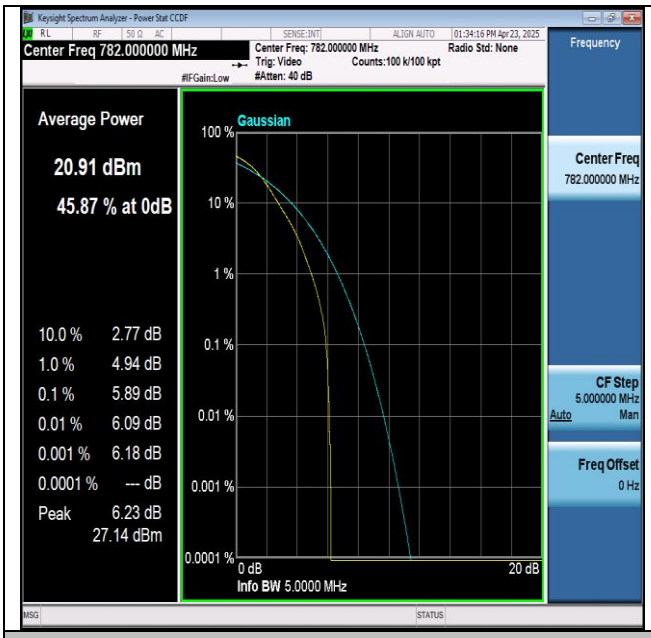

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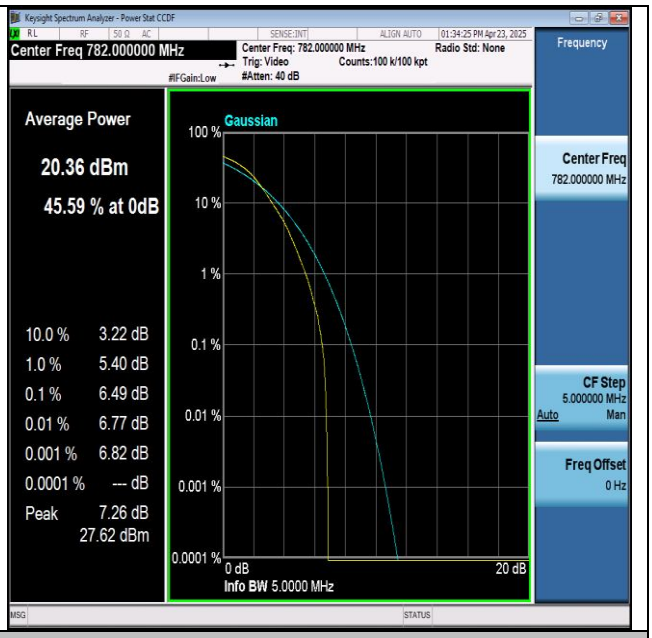

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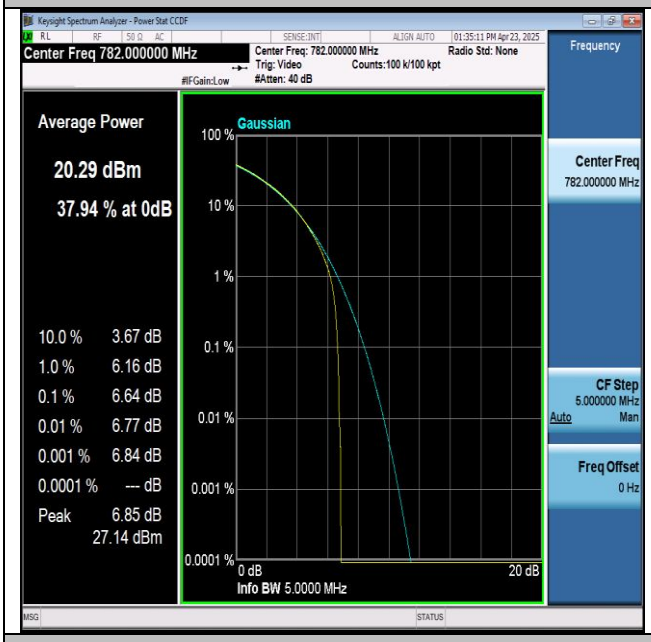

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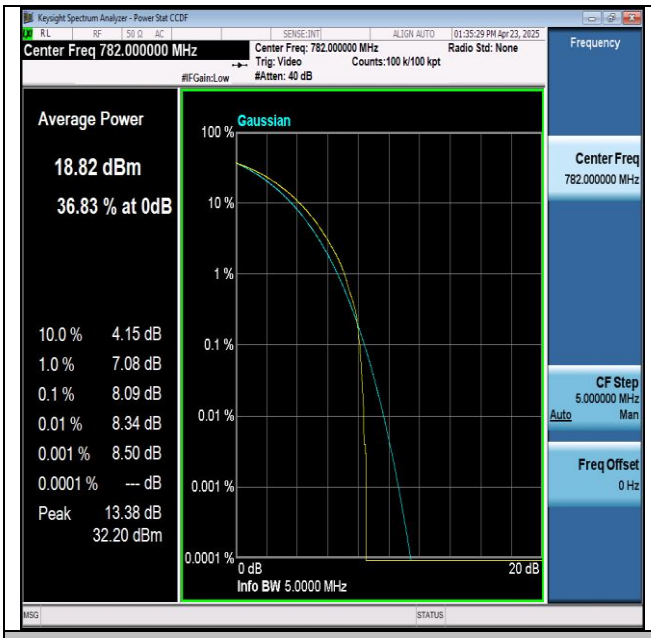

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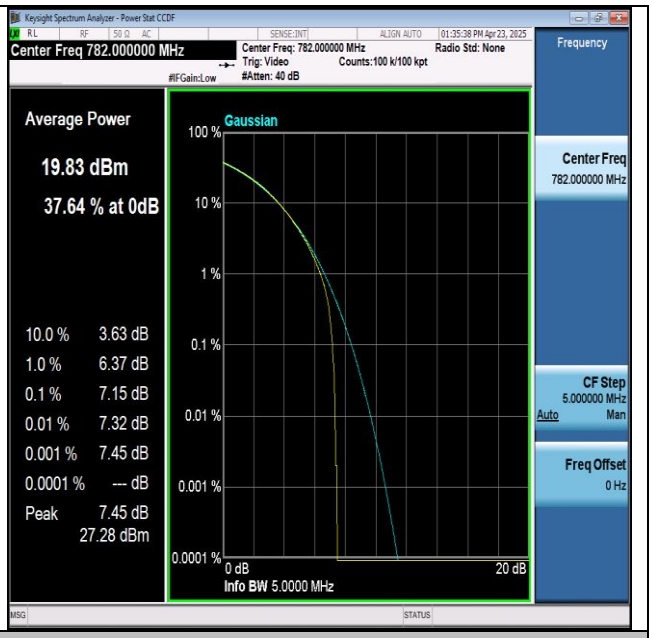

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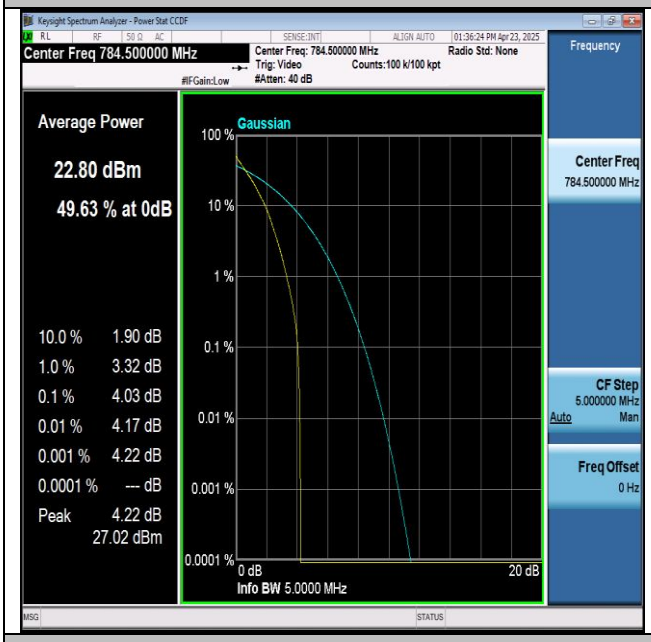

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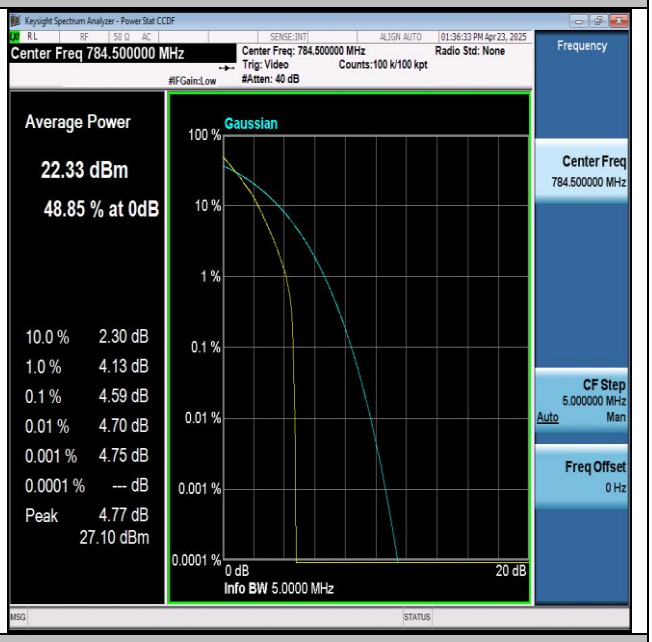

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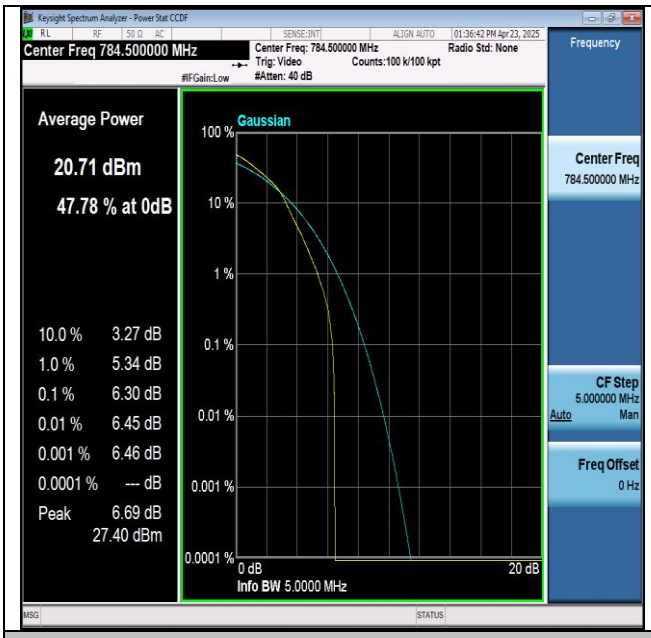

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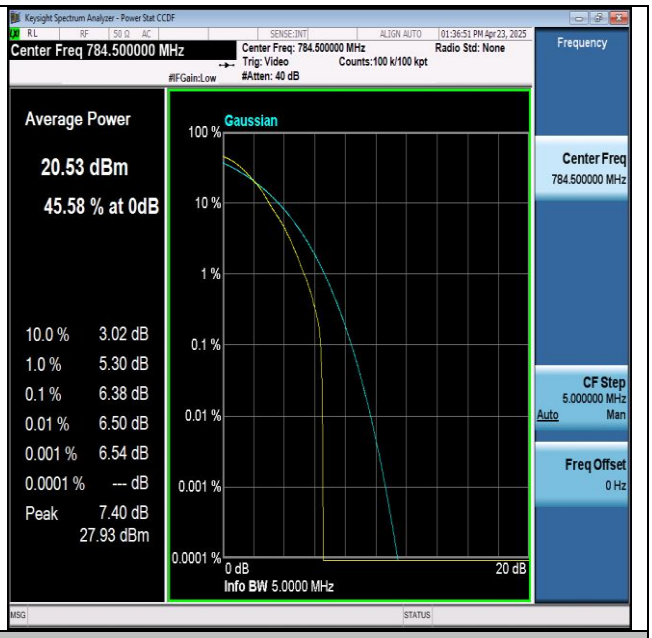

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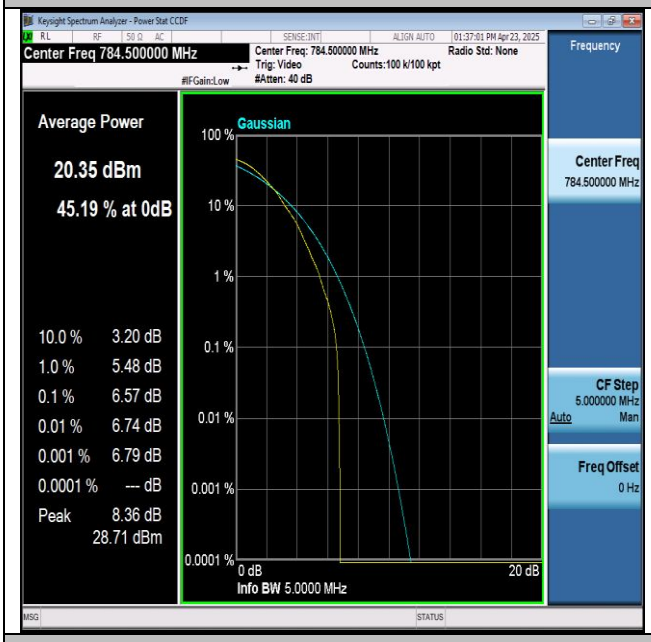

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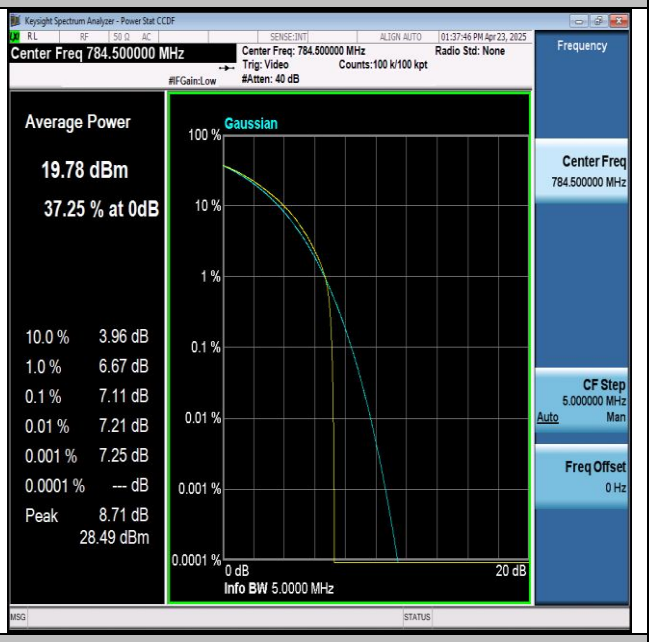

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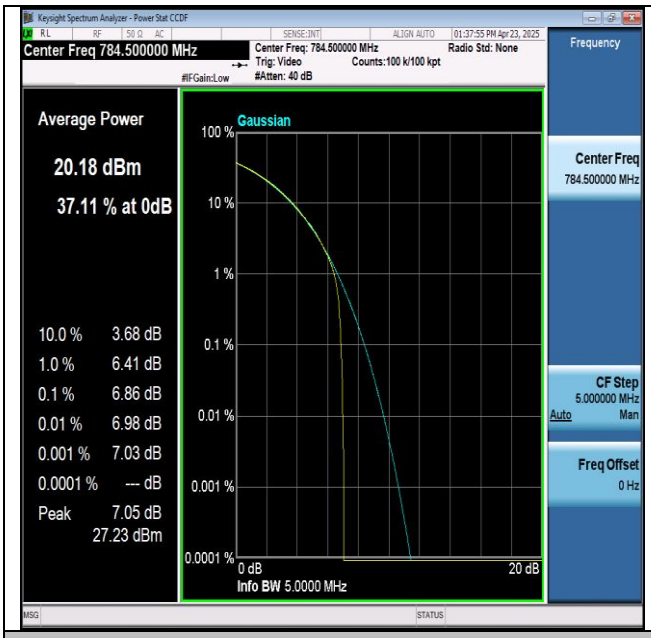

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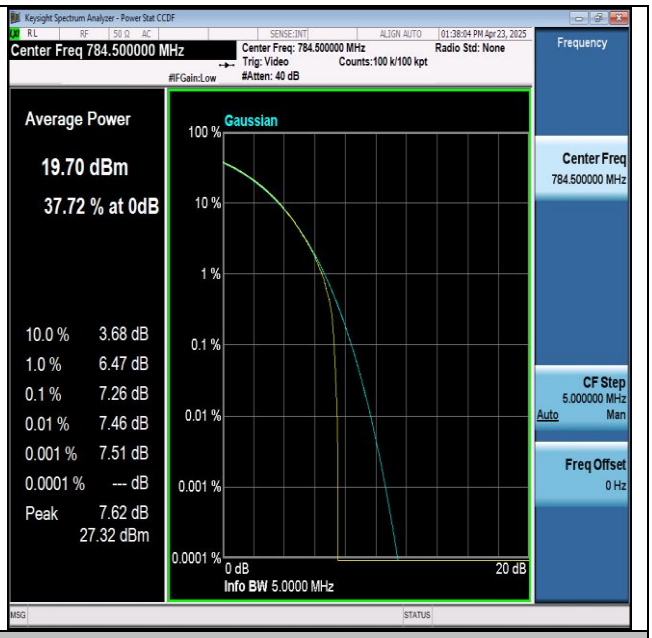

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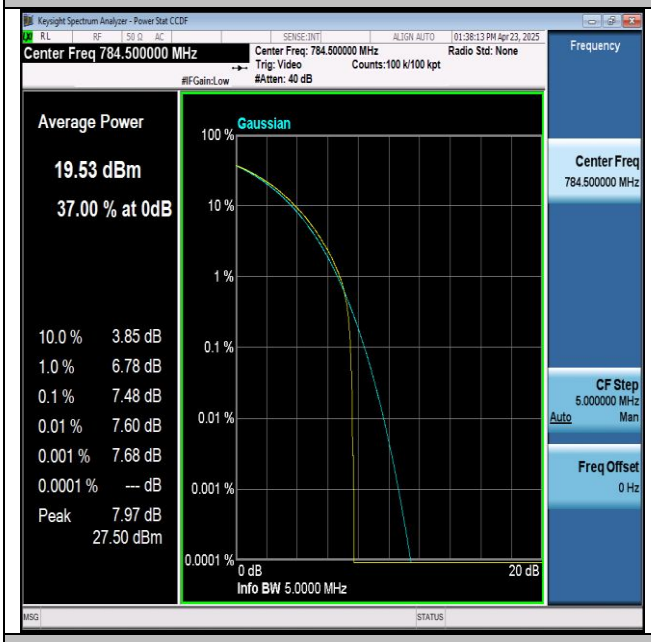

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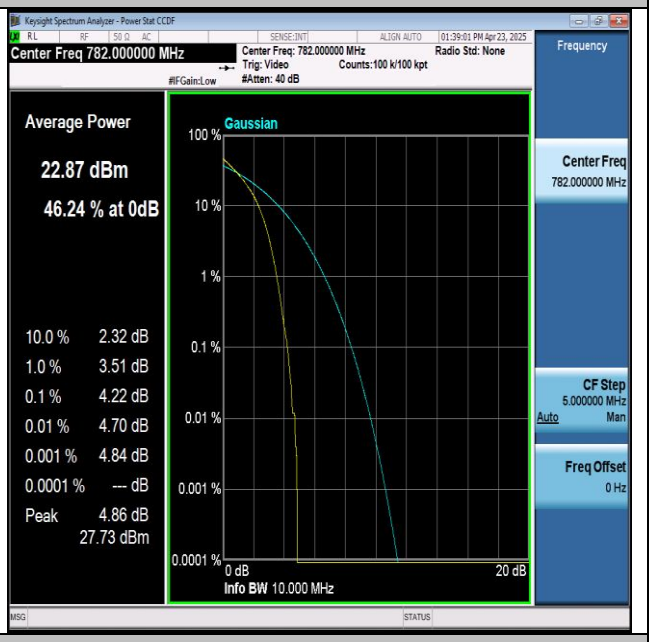

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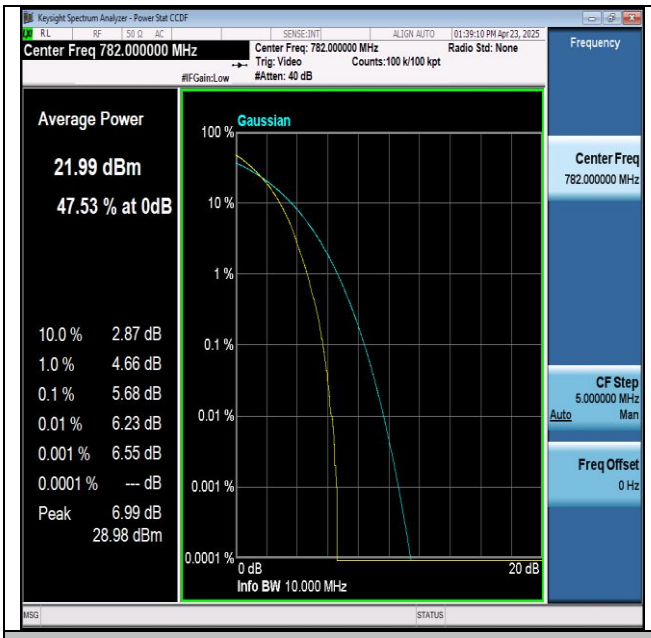

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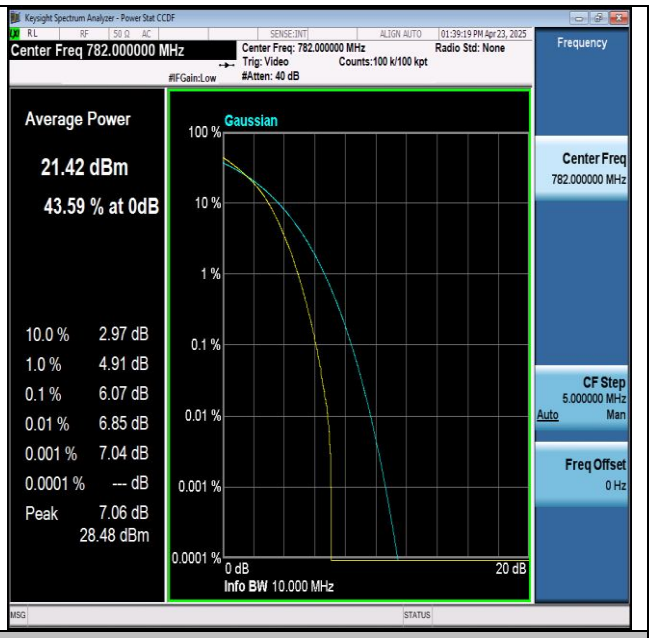

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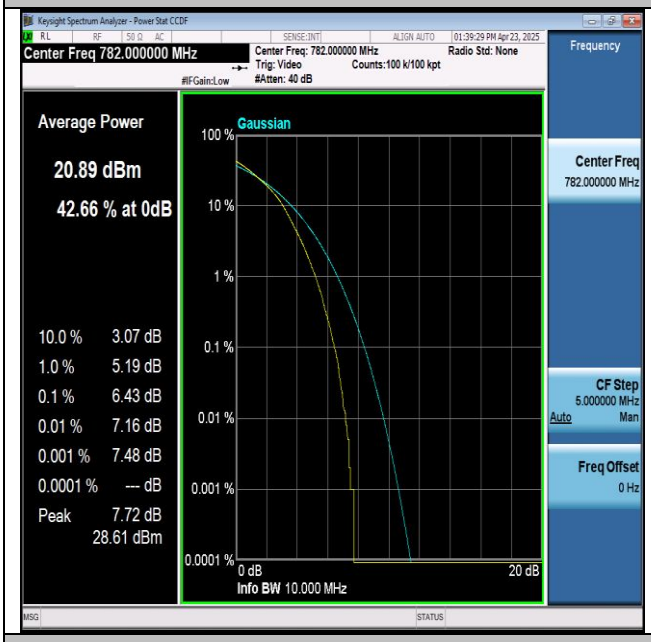

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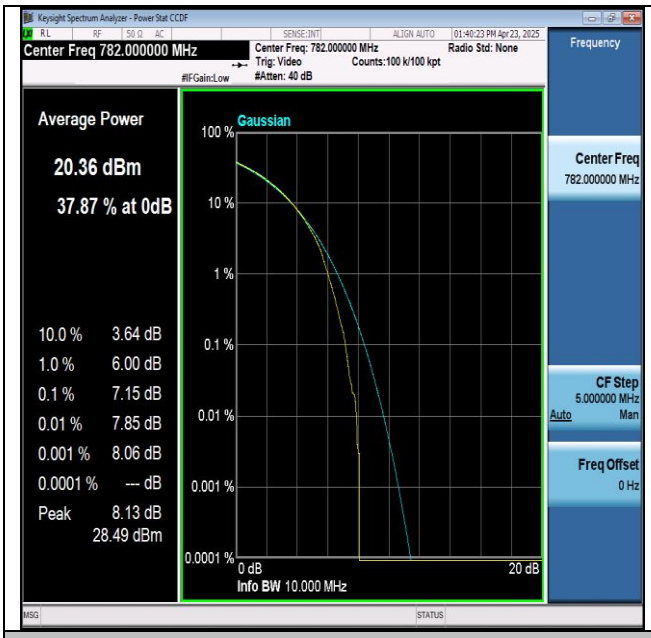

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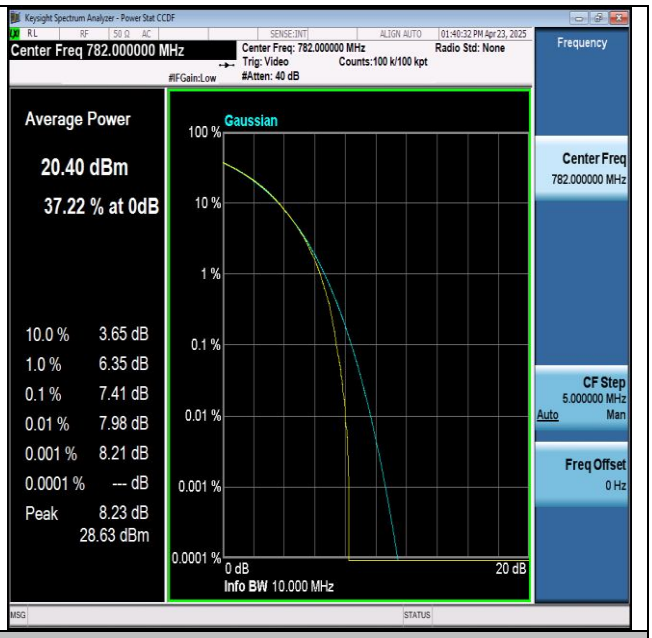

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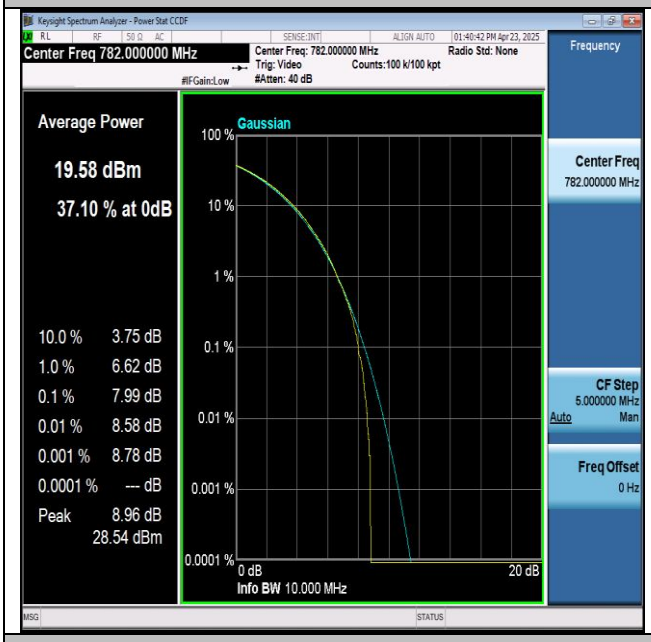

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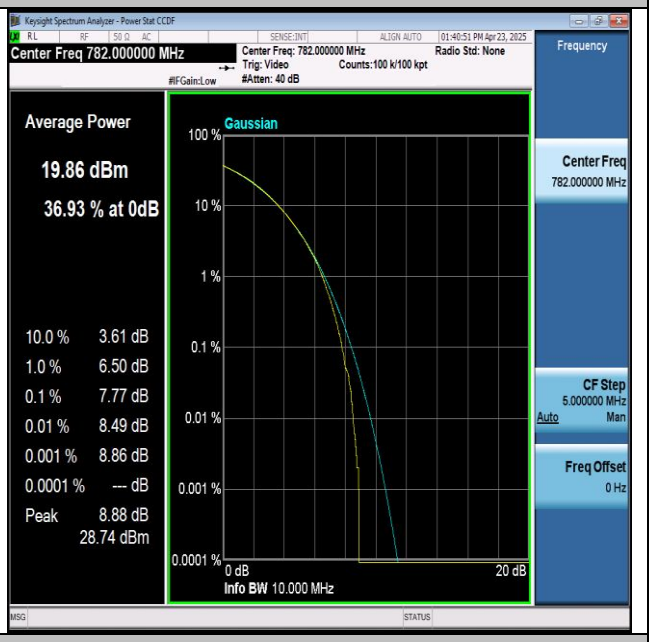

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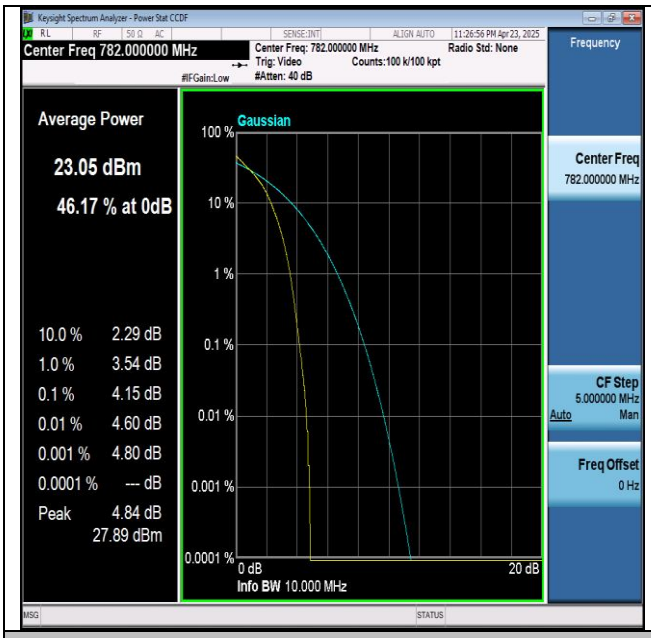

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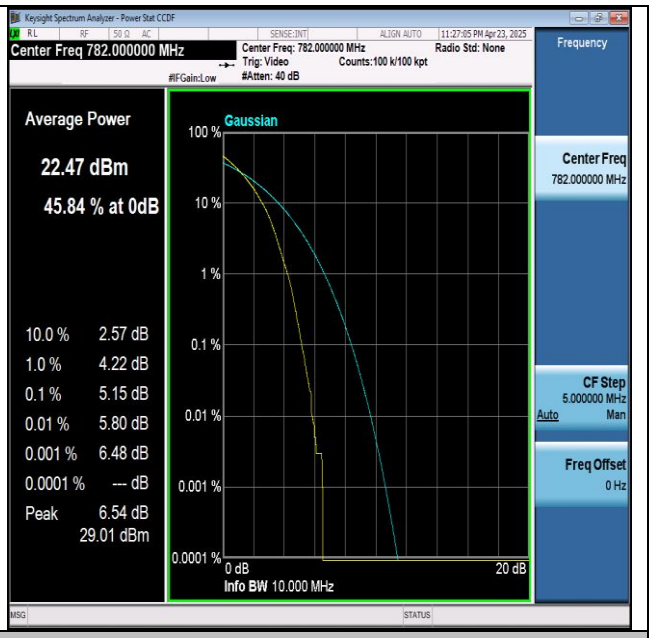

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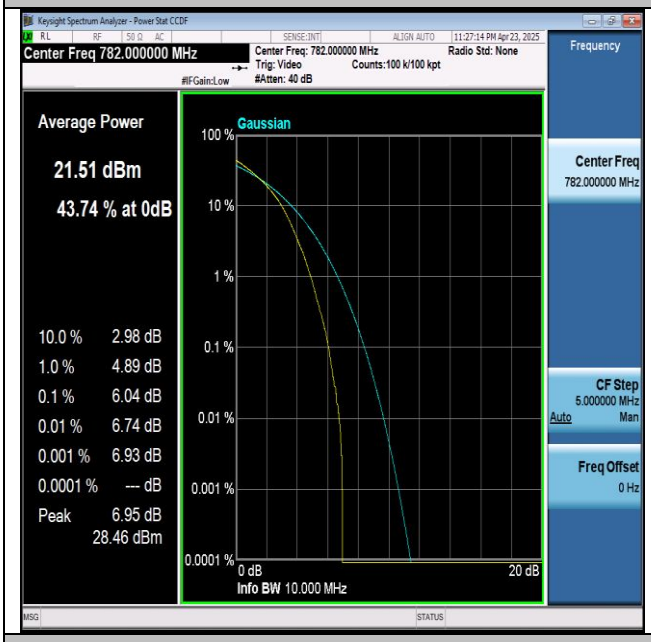

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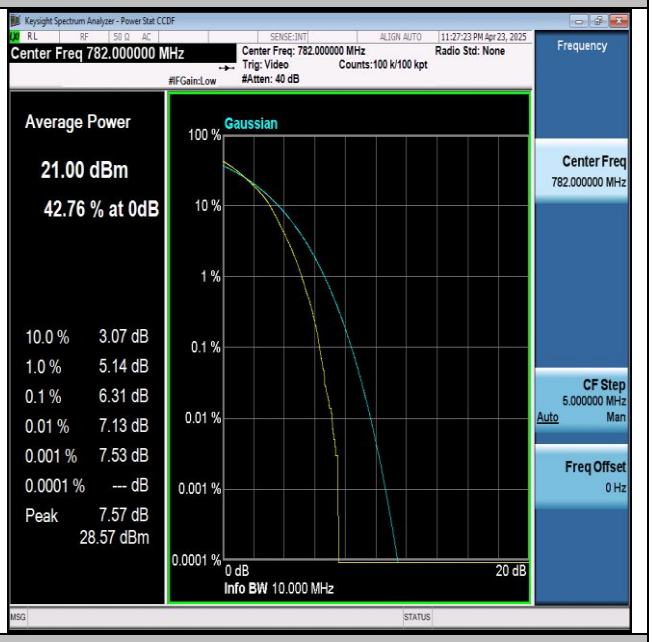

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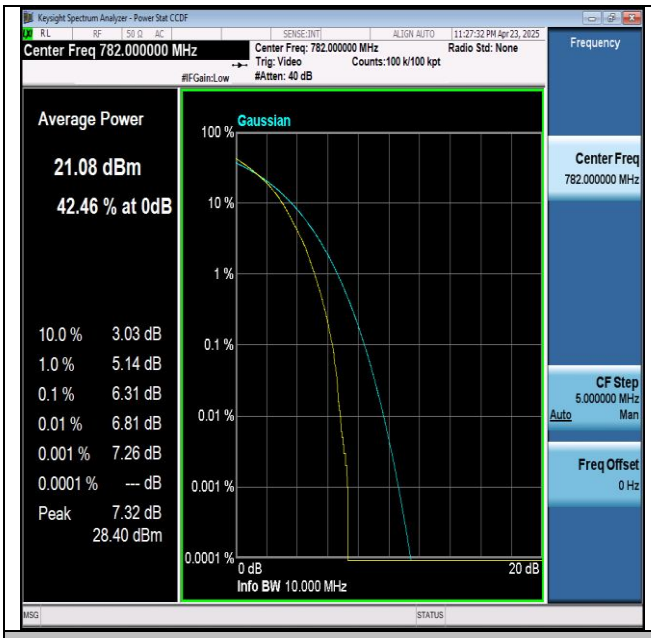

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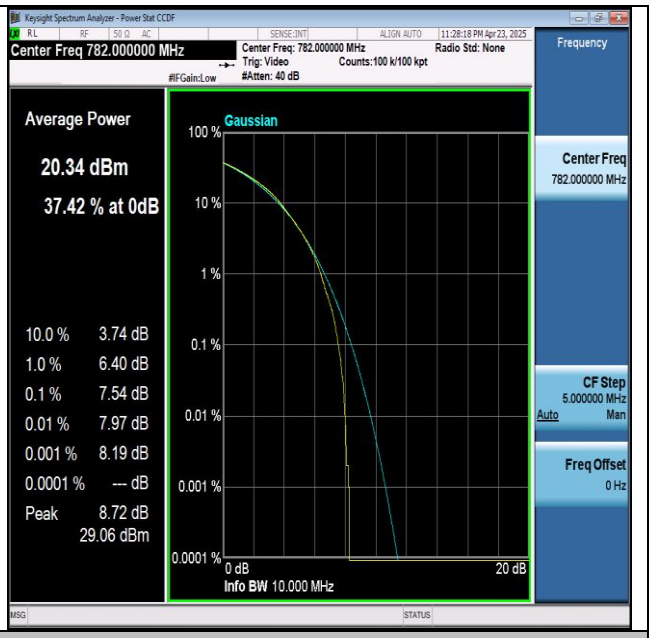

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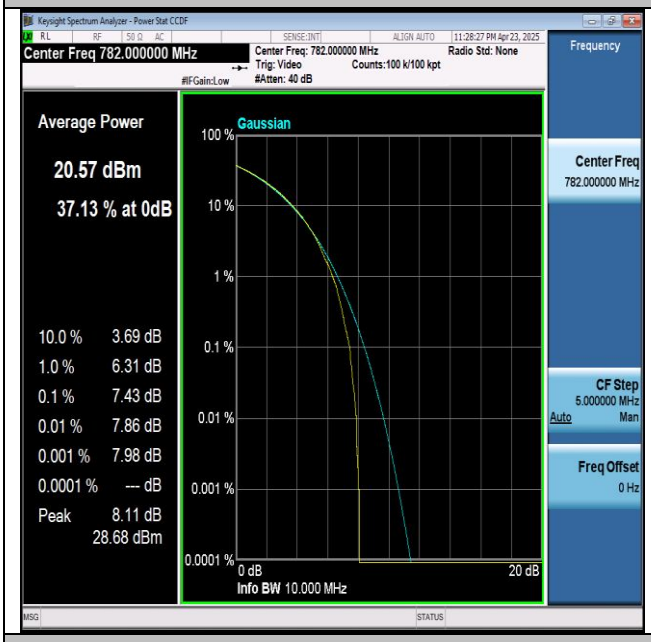

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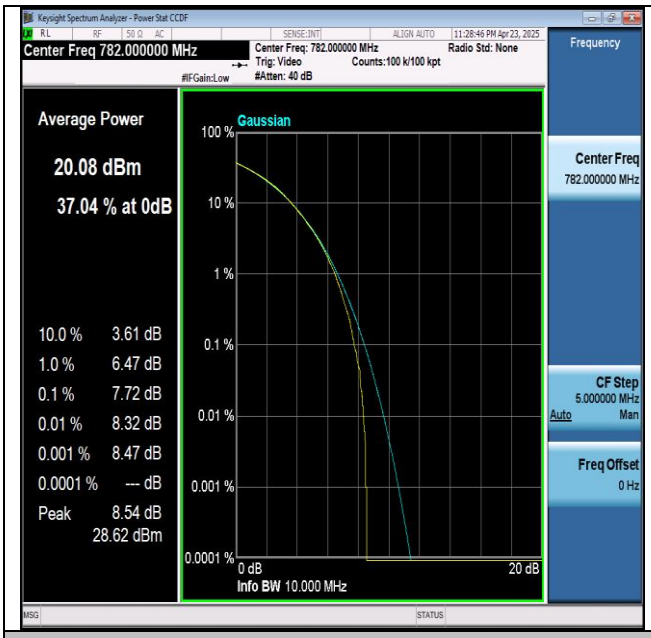

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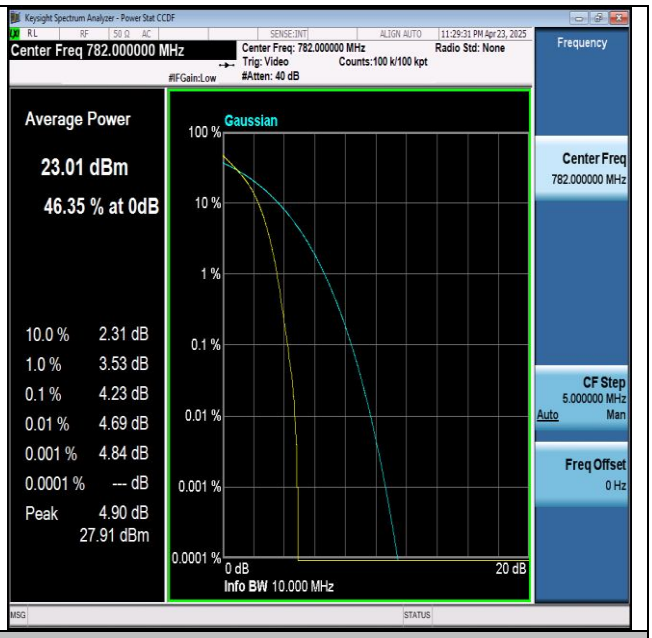

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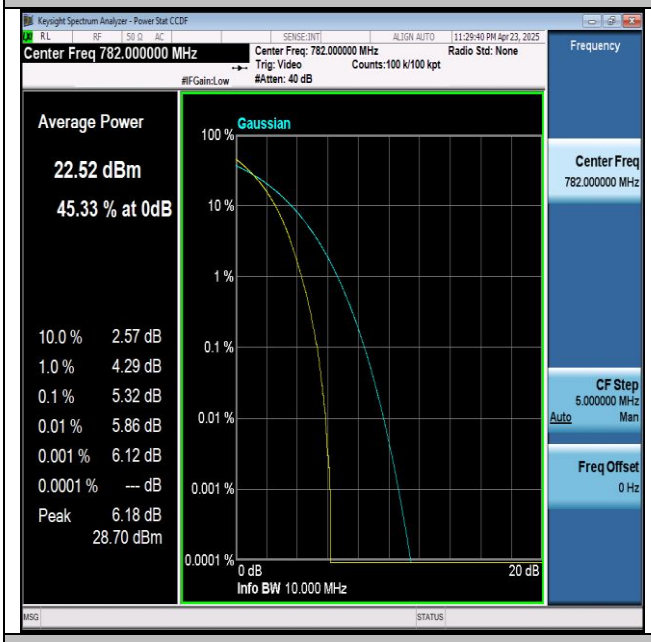

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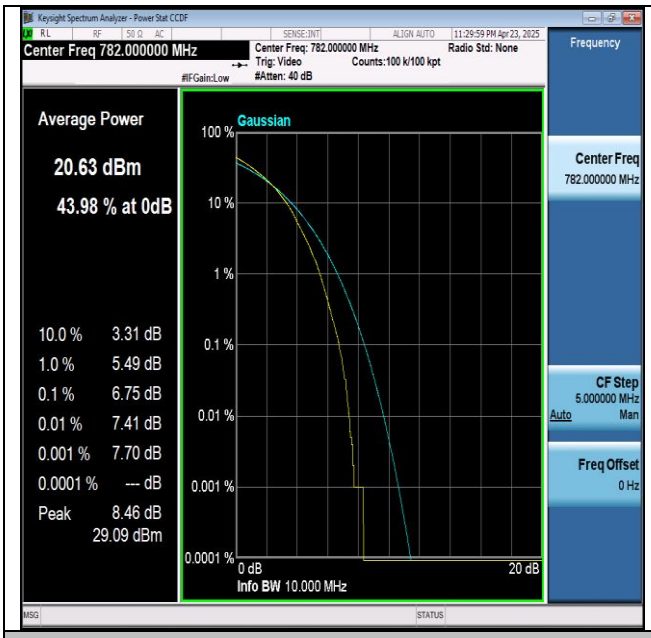

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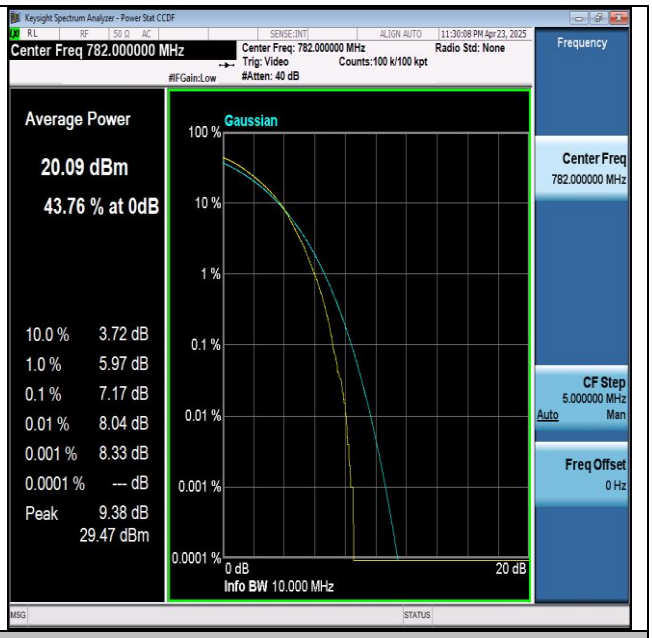

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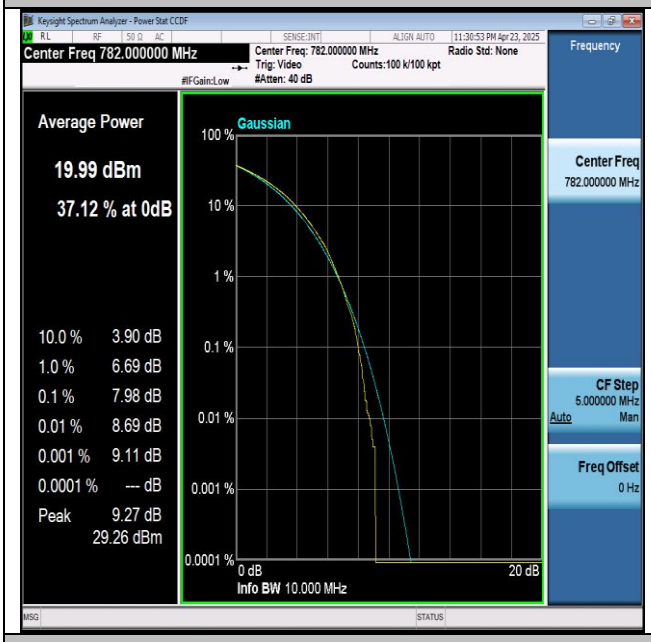

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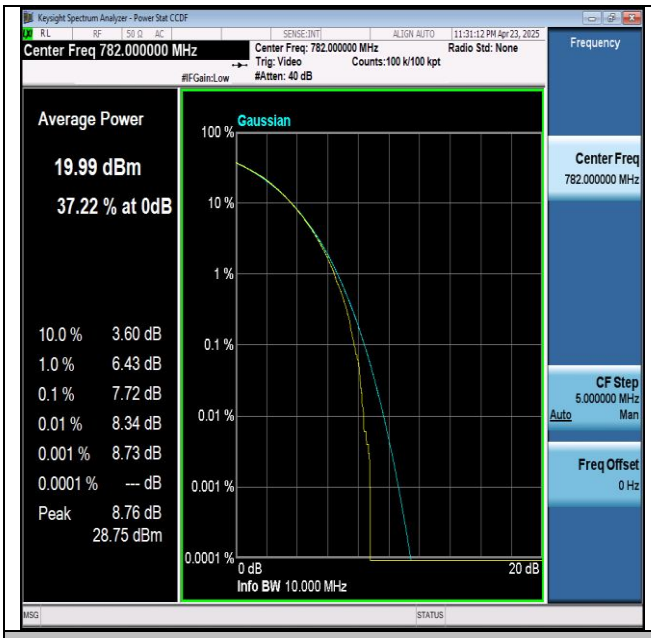

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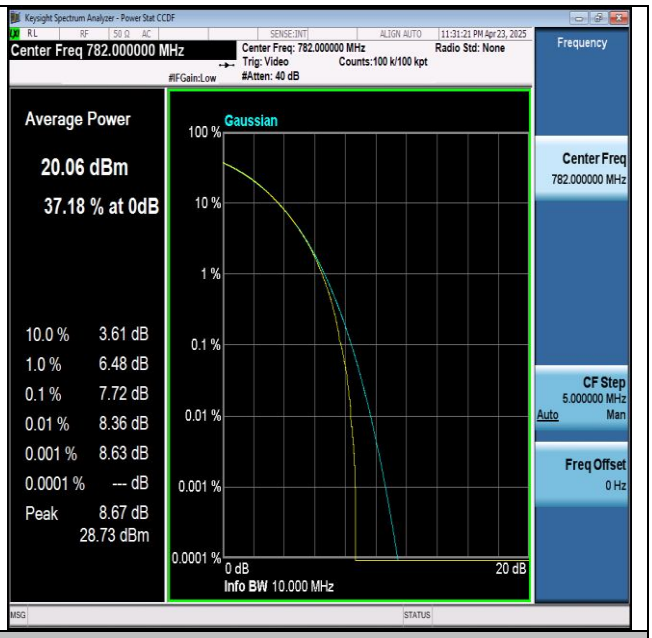

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% (MHz)	26dB (MHz)	Verdict
N13	15	5	DFT-PI2BPSK	L	Outer_Full	4.4719	4.927	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	4.4506	4.960	PASS
N13	15	5	DFT-16QAM	L	Outer_Full	4.4588	4.989	PASS
N13	15	5	DFT-64QAM	L	Outer_Full	4.4665	4.907	PASS
N13	15	5	CP-QPSK	L	Outer_Full	4.4511	4.897	PASS
N13	15	5	CP-16QAM	L	Outer_Full	4.4556	4.952	PASS
N13	15	5	CP-64QAM	L	Outer_Full	4.4512	4.926	PASS
N13	15	5	CP-256QAM	L	Outer_Full	4.4589	5.000	PASS
N13	15	5	DFT-PI2BPSK	M	Outer_Full	4.4763	4.906	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	4.4628	4.945	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	4.4640	4.969	PASS
N13	15	5	DFT-64QAM	M	Outer_Full	4.4714	4.965	PASS
N13	15	5	CP-QPSK	M	Outer_Full	4.4603	5.084	PASS
N13	15	5	CP-16QAM	M	Outer_Full	4.4675	4.927	PASS
N13	15	5	CP-64QAM	M	Outer_Full	4.4644	5.088	PASS
N13	15	5	CP-256QAM	M	Outer_Full	4.4604	5.036	PASS
N13	15	5	DFT-PI2BPSK	H	Outer_Full	4.4936	5.010	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	4.4702	5.002	PASS
N13	15	5	DFT-16QAM	H	Outer_Full	4.4817	5.018	PASS
N13	15	5	DFT-64QAM	H	Outer_Full	4.4927	5.030	PASS
N13	15	5	CP-QPSK	H	Outer_Full	4.4773	5.141	PASS
N13	15	5	CP-16QAM	H	Outer_Full	4.4824	5.081	PASS
N13	15	5	CP-64QAM	H	Outer_Full	4.4702	5.044	PASS
N13	15	5	CP-256QAM	H	Outer_Full	4.4763	5.163	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	8.9088	9.580	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	8.9004	9.520	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	8.9118	9.465	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	8.9056	9.527	PASS
N13	15	10	CP-QPSK	M	Outer_Full	9.2419	9.890	PASS
N13	15	10	CP-16QAM	M	Outer_Full	9.2614	9.891	PASS
N13	15	10	CP-64QAM	M	Outer_Full	9.2760	9.928	PASS
N13	15	10	CP-256QAM	M	Outer_Full	9.2808	9.999	PASS
N13	15	10	DFT-PI2BPSK	L	Outer_Full	8.9015	9.604	PASS
N13	15	10	DFT-QPSK	L	Outer_Full	8.8921	9.608	PASS
N13	15	10	DFT-16QAM	L	Outer_Full	8.9207	9.469	PASS
N13	15	10	DFT-64QAM	L	Outer_Full	8.8916	9.385	PASS
N13	15	10	CP-QPSK	L	Outer_Full	9.2340	9.890	PASS
N13	15	10	CP-16QAM	L	Outer_Full	9.2588	9.936	PASS
N13	15	10	CP-64QAM	L	Outer_Full	9.2723	9.975	PASS

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N13	15	10	CP-256QAM	L	Outer_Full	9.2696	10.01	PASS
N13	15	10	DFT-PI2BPSK	H	Outer_Full	8.8983	9.542	PASS
N13	15	10	DFT-QPSK	H	Outer_Full	8.8879	9.548	PASS
N13	15	10	DFT-16QAM	H	Outer_Full	8.9183	9.481	PASS
N13	15	10	DFT-64QAM	H	Outer_Full	8.8874	9.402	PASS
N13	15	10	CP-QPSK	H	Outer_Full	9.2413	9.926	PASS
N13	15	10	CP-16QAM	H	Outer_Full	9.2569	9.906	PASS
N13	15	10	CP-64QAM	H	Outer_Full	9.2696	9.913	PASS
N13	15	10	CP-256QAM	H	Outer_Full	9.2775	10.01	PASS

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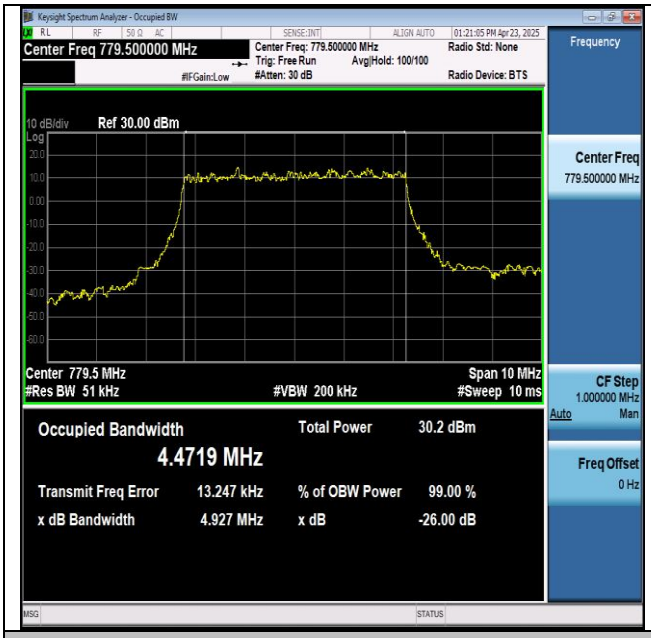
Test Graphs



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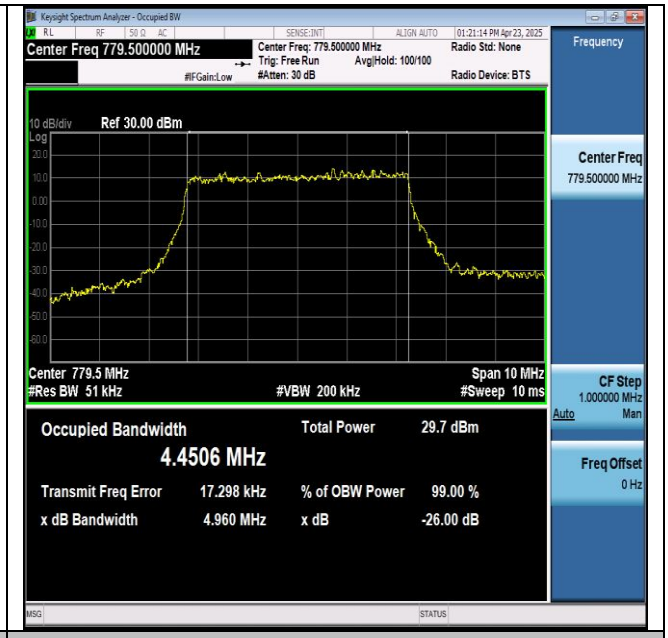

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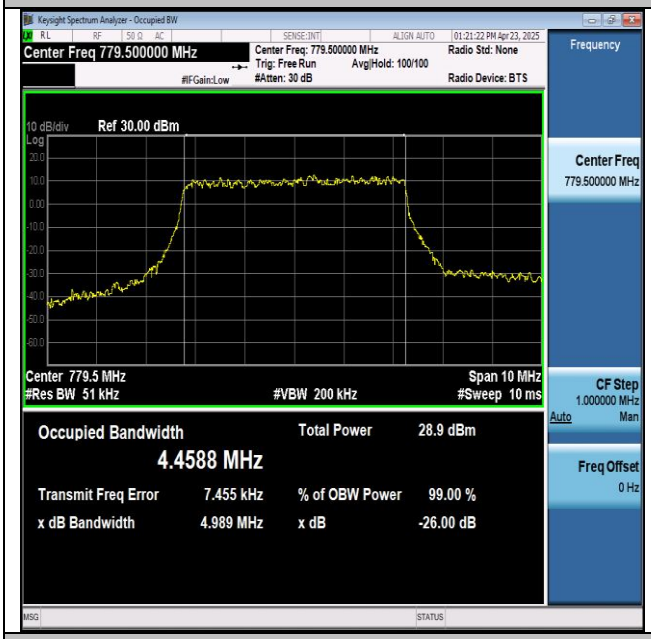

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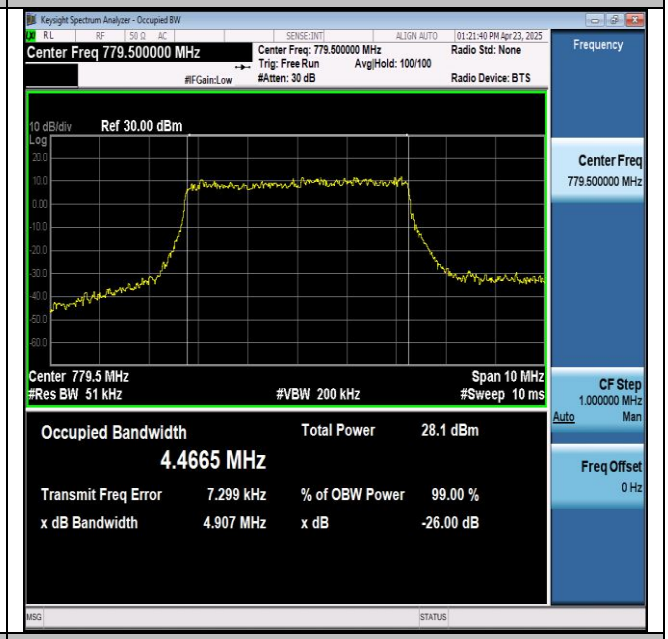

NTNV_N13_PC3_15_5_L_TID4_Ant1#1

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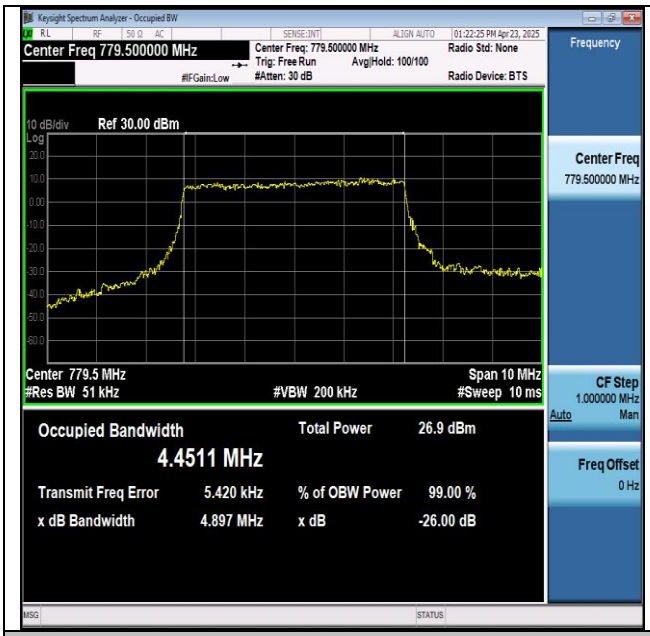

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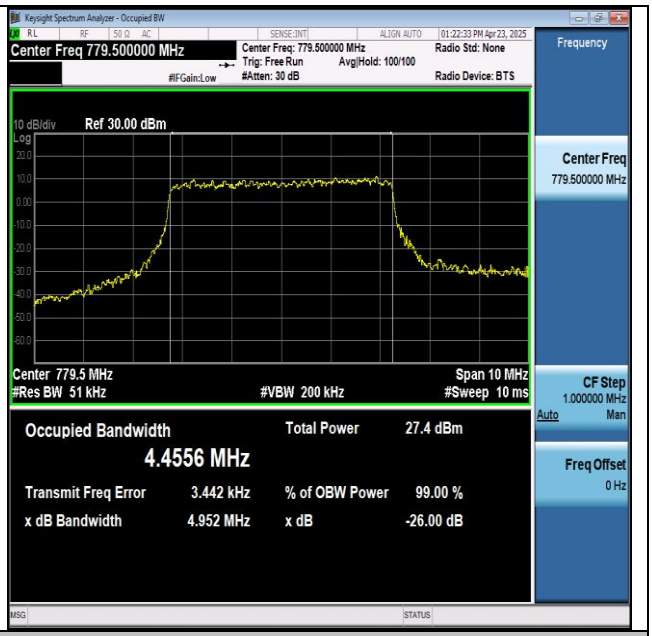

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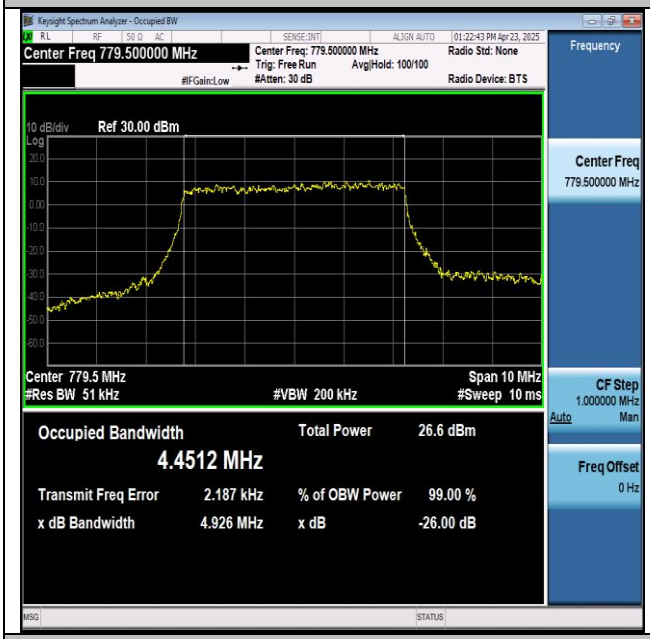

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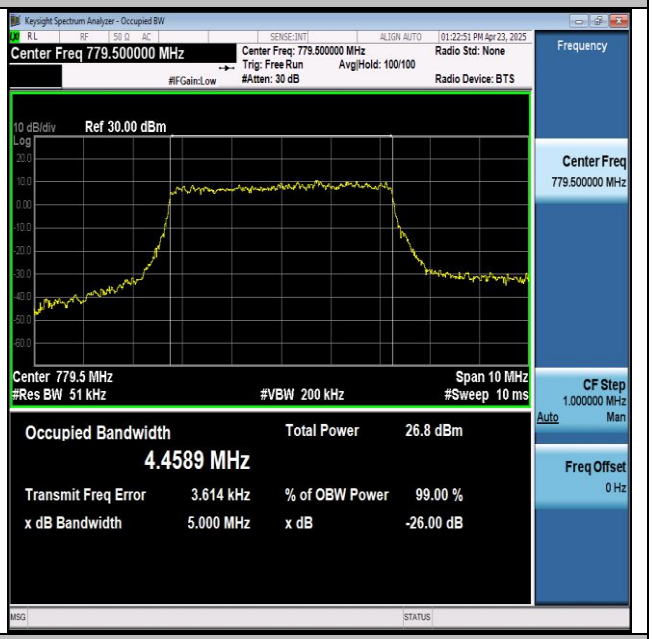

NTNV_N13_PC3_15_5_L_TID8_Ant1#1

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