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Appendix B.22

NR Band n5



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant41:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.9	15.01	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.8	14.91	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	22.41	14.52	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.07	15.18	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	22.79	14.9	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	21.88	13.99	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	22.21	14.32	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.08	14.19	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.09	13.2	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	20.71	12.82	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	20.55	12.66	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	20.53	12.64	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	18.76	10.87	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	18.73	10.84	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	18.49	10.6	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.34	15.45	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.76	15.87	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.05	15.16	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.57	15.68	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.96	16.07	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.62	14.73	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.71	14.82	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	23.15	15.26	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.76	13.87	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.08	13.19	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.6	13.71	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.27	13.38	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	18.89	11	38.45	PASS



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N5	15	5	DFT-256QAM	M	Inner_1RB_Right	18.74	10.85	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	18.56	10.67	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.07	16.18	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.87	15.98	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.52	15.63	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	24.26	16.37	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	24.17	16.28	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.08	15.19	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.36	15.47	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.19	15.3	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.26	14.37	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.77	13.88	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.62	13.73	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.68	13.79	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	20	12.11	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.85	11.96	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.72	11.83	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.7	14.81	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.11	15.22	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.39	14.5	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	18.65	10.76	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.27	15.38	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	21.9	14.01	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.03	14.14	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.4	14.51	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	20.99	13.1	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	20.47	12.58	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	20.67	12.78	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	20.45	12.56	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	18.66	10.77	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19	11.11	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	18.52	10.63	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.98	15.09	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.87	15.98	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.9	15.01	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.07	15.18	38.45	PASS



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N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.84	15.95	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.48	14.59	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.29	14.4	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.05	15.16	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.66	13.77	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	20.7	12.81	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.6	13.71	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.1	13.21	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.74	11.85	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.86	11.97	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.08	11.19	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.76	15.87	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.71	15.82	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.46	15.57	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.86	15.97	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.95	16.06	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.98	15.09	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	23.06	15.17	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.96	15.07	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	22.1	14.21	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.4	13.51	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.38	13.49	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.6	13.71	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.65	11.76	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	22.87	14.98	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.8	15.91	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.73	14.84	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	22.98	15.09	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.97	16.08	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	22.27	14.38	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.29	14.4	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	22.95	15.06	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	21.36	13.47	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	20.49	12.6	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.43	13.54	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	20.86	12.97	38.45	PASS



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N5	15	15	DFT-256QAM	L	Inner_1RB_Left	18.67	10.78	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.61	11.72	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	18.87	10.98	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	22.89	15	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.03	16.14	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.06	15.17	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	22.84	14.95	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	24.08	16.19	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	18.73	10.84	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.07	14.18	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	23.26	15.37	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.75	13.86	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	20.5	12.61	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.68	13.79	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.34	13.45	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	18.7	10.81	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	19.88	11.99	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.26	11.37	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.32	15.43	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.89	16	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.45	15.56	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.53	15.64	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.87	15.98	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	22.95	15.06	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.67	14.78	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	23.16	15.27	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.17	14.28	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	20.94	13.05	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.55	13.66	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.59	13.7	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.16	11.27	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.76	11.87	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.62	11.73	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.87	14.98	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.01	16.12	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.91	15.02	38.45	PASS



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N5	15	20	DFT-QPSK	L	Inner_1RB_Left	22.85	14.96	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	24.04	16.15	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.41	14.52	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.02	14.13	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	23.24	15.35	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	21.49	13.6	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	20.45	12.56	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.75	13.86	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.05	13.16	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.86	11.97	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	19.11	11.22	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.77	14.88	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.96	16.07	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	23.03	15.14	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	22.82	14.93	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	24.12	16.23	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.51	14.62	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	21.96	14.07	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	23.28	15.39	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.76	13.87	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	20.4	12.51	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.64	13.75	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21.21	13.32	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	18.59	10.7	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.82	11.93	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.24	11.35	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.84	14.95	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.83	15.94	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.12	15.23	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	18.64	10.75	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	24.08	16.19	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.73	14.84	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.06	14.17	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.02	15.13	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.87	13.98	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	20.45	12.56	38.45	PASS



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N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.58	13.69	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.29	13.4	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	18.57	10.68	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.71	11.82	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	19.31	11.42	38.45	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.66	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.29	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.54	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.27	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.76	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.36	≤13	PASS



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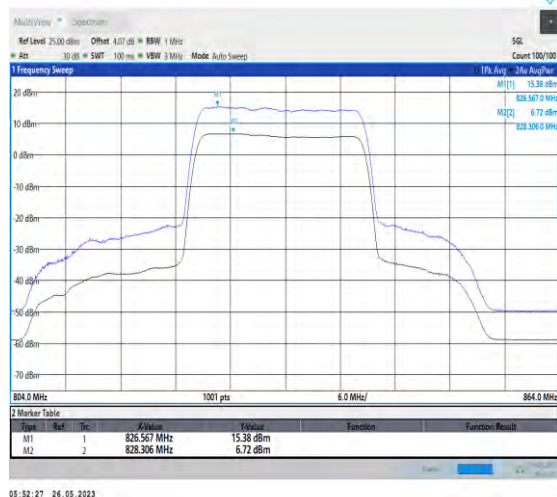
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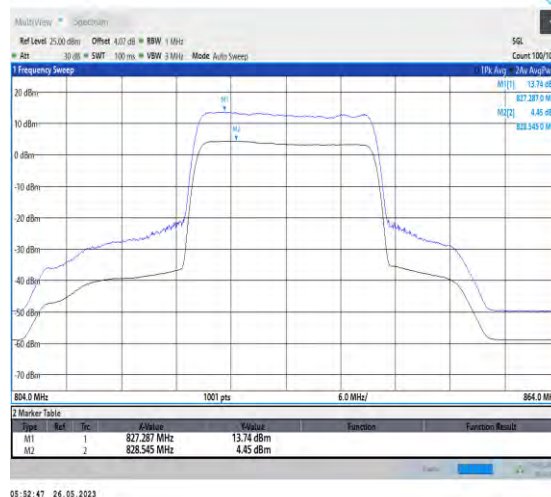
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Test Graphs



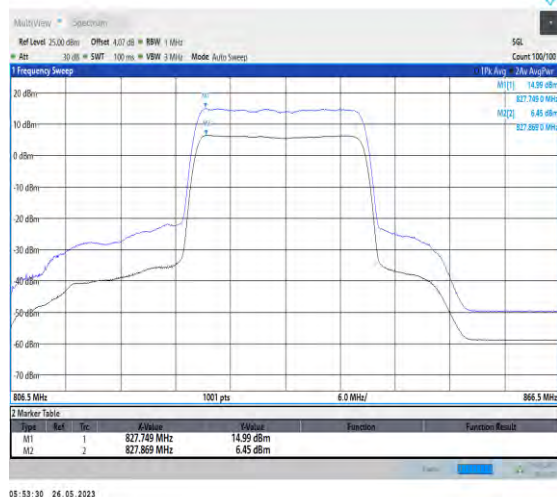
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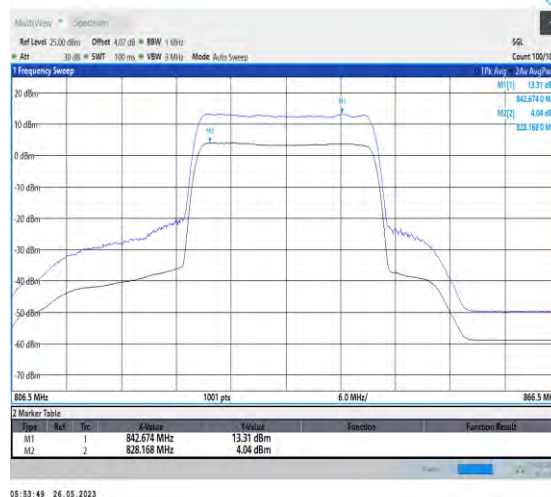
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05:53:49 26.05.2023

NTVN_N5_PC3_15_20_M_TID2



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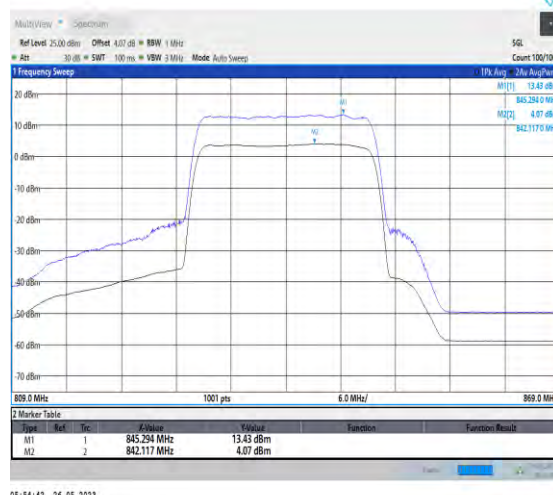
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NTNV_N5_PC3_15_20_H_TID1



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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



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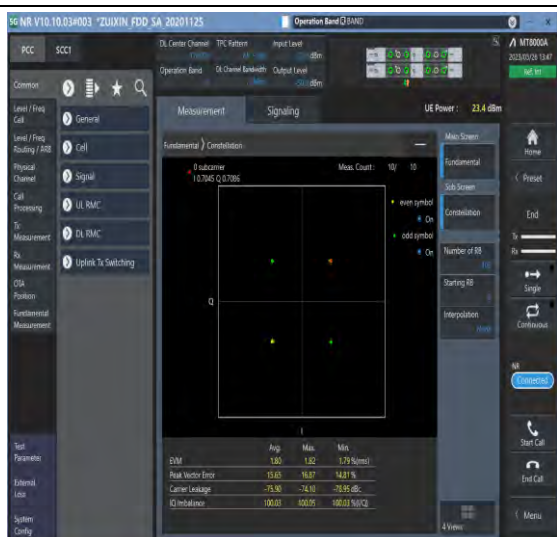
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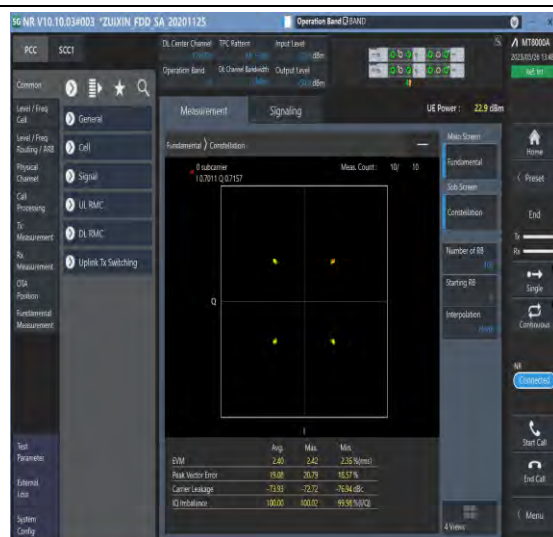
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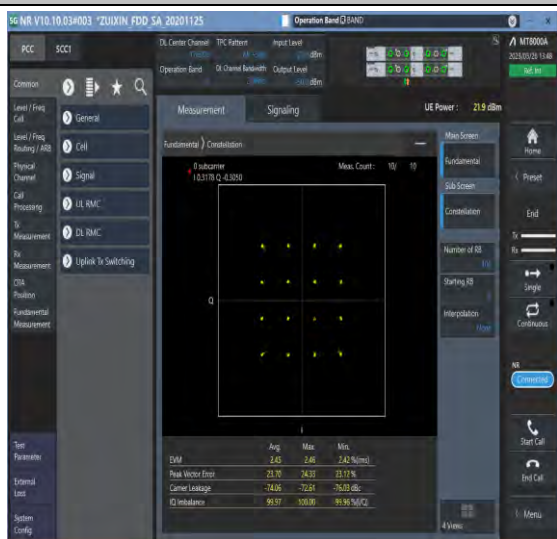
Test Graphs



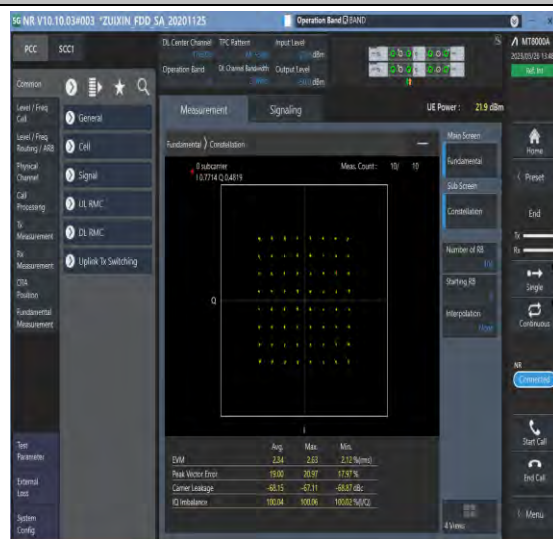
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NTNV,N5,_PC3,_15,20,M,TID4



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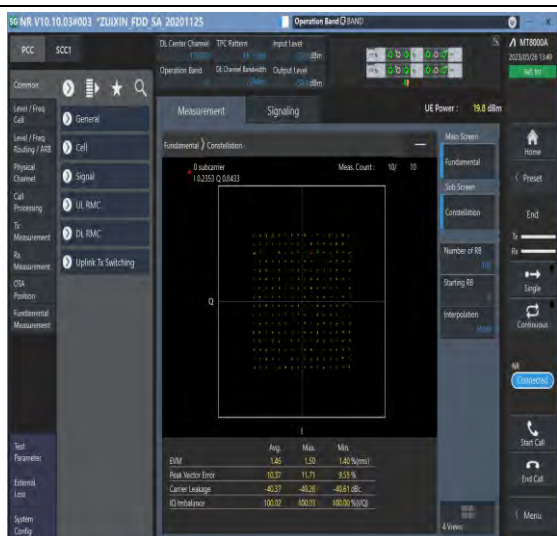
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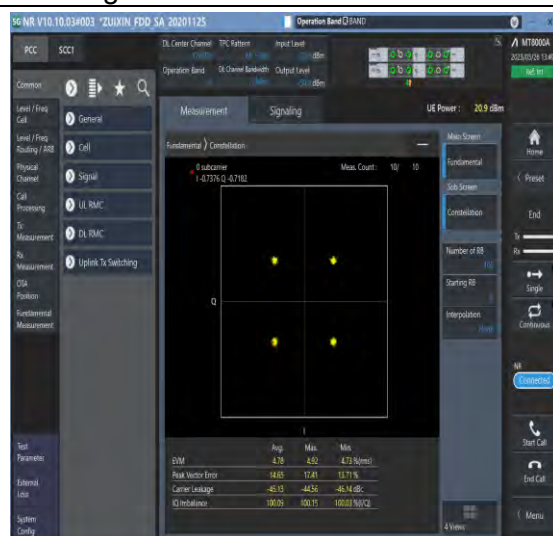
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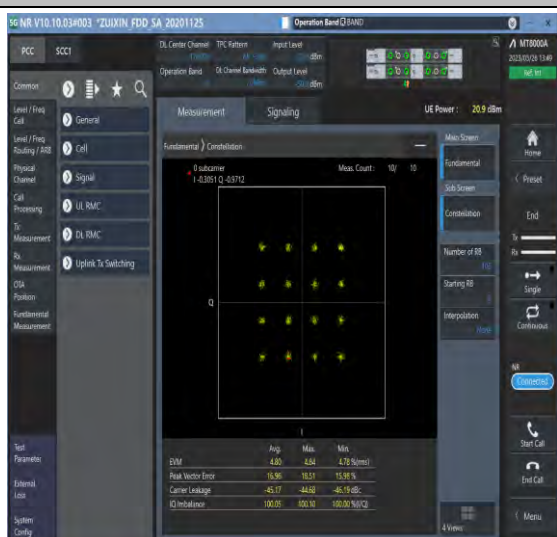
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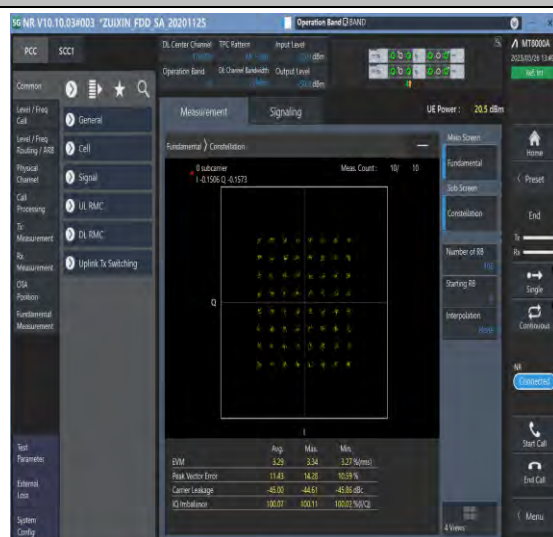
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NTNV,N5,_PC3,_15,20,M,TID7



NTNV,N5,_PC3,_15,20,M,TID8



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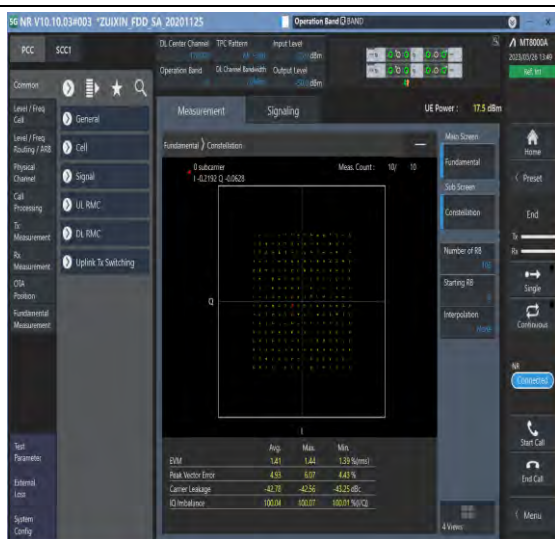
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NTNV,N5,_PC3,_15,20,M,TID9



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.461	4.790	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.465	4.960	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.476	4.950	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.471	4.880	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.474	4.830	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.467	4.900	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.474	4.900	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.486	4.940	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.466	4.920	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.472	4.840	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.473	4.870	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.477	4.900	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.474	4.850	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.486	4.930	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.471	4.920	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.495	4.970	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.474	4.940	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.479	4.890	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.476	4.820	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.466	4.900	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.483	4.910	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.462	4.800	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.475	4.890	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.472	4.910	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.485	4.930	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.484	4.980	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.462	4.920	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.921	9.540	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.886	9.440	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.935	9.440	PASS



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N5	15	10	DFT-64QAM	L	Outer_Full	8.907	9.440	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.912	9.520	PASS
N5	15	10	CP-QPSK	L	Outer_Full	9.264	9.880	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.287	9.900	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.281	9.900	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.291	9.920	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.912	9.460	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.909	9.460	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.955	9.520	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.937	9.480	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.909	9.560	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.289	9.840	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.267	9.960	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.274	9.900	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.315	9.920	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.897	9.540	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.896	9.400	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.904	9.520	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.928	9.520	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.905	9.480	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.268	9.860	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.256	9.800	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.270	9.880	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.293	9.840	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.428	14.280	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.429	14.220	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.466	14.310	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.434	14.130	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.438	14.190	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.111	14.850	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.131	15.000	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.157	14.940	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.114	14.820	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.435	14.280	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.451	14.250	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.413	14.220	PASS



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N5	15	15	DFT-256QAM	M	Outer_Full	13.460	14.220	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.133	14.940	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.122	14.940	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.147	15.000	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.084	14.790	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.406	14.160	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.412	14.220	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.438	14.100	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.408	14.250	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.441	14.190	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.096	14.850	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.084	14.760	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.098	14.970	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.088	14.850	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.886	18.840	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.891	18.640	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.874	18.640	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.941	18.800	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.872	18.640	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.948	19.920	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.962	19.800	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.942	19.760	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.938	19.720	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.888	18.720	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.910	18.720	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.892	18.600	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.928	18.720	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.893	18.720	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.949	21.320	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.936	19.840	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.934	19.800	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.939	19.800	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.887	18.760	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.872	18.760	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.863	18.640	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.846	18.840	PASS



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N5	15	20	DFT-256QAM	H	Outer_Full	17.864	18.680	PASS
N5	15	20	CP-QPSK	H	Outer_Full	18.902	19.800	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.914	19.880	PASS
N5	15	20	CP-64QAM	H	Outer_Full	18.968	19.760	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.992	19.840	PASS



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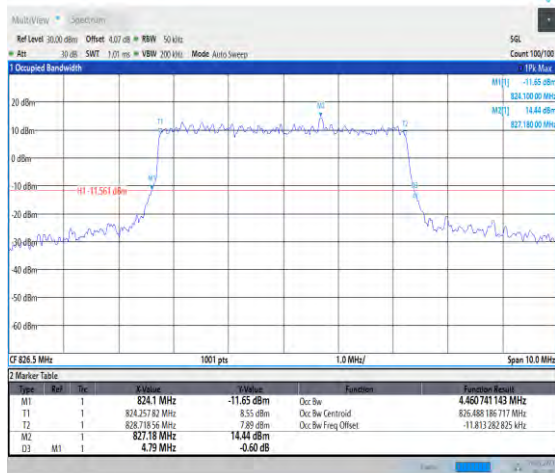
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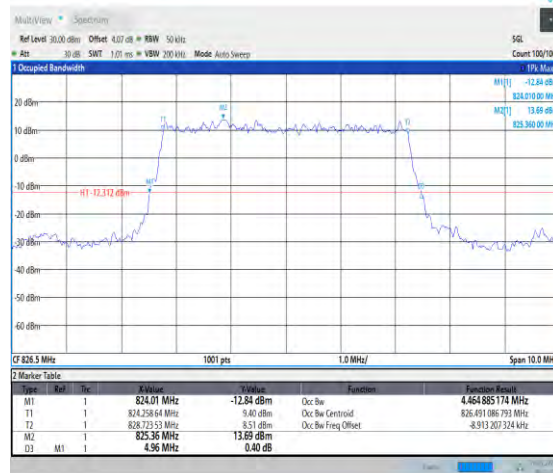
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Test Graphs



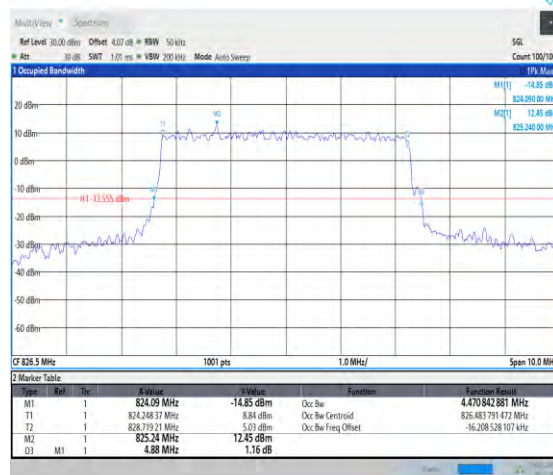
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NTNV_N5_PC3_15_5_L_TID2



NTNV_N5_PC3_15_5_L_TID3



NTNV_N5_PC3_15_5_L_TID4



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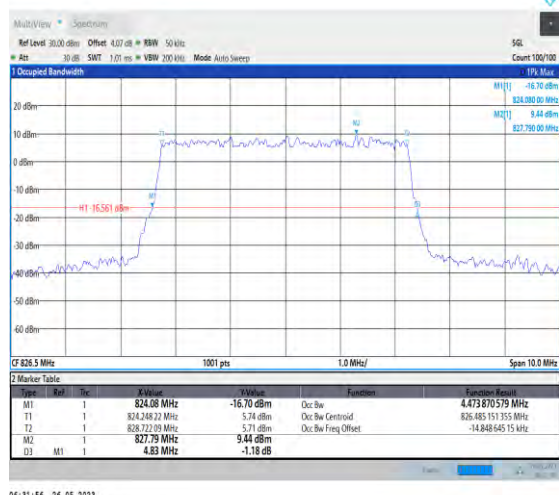
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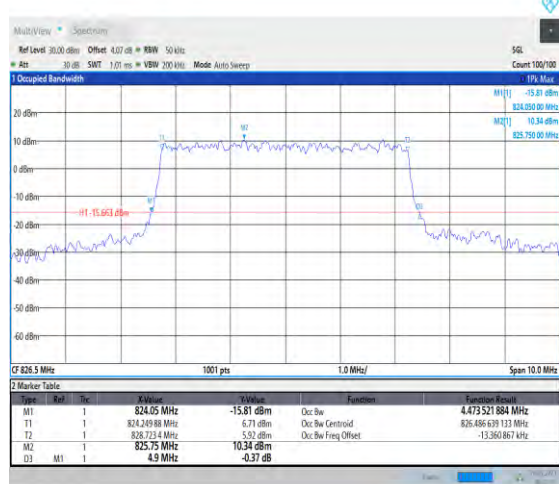
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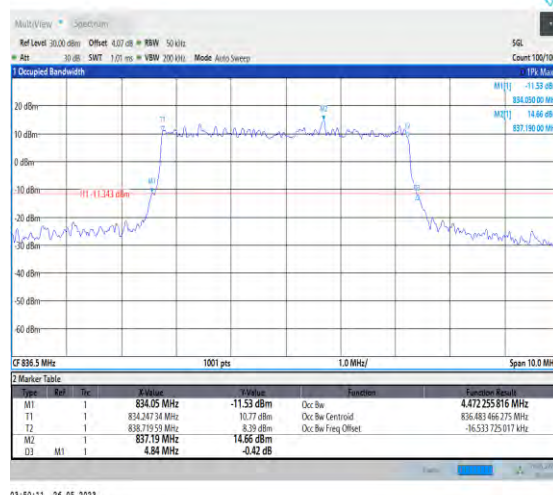
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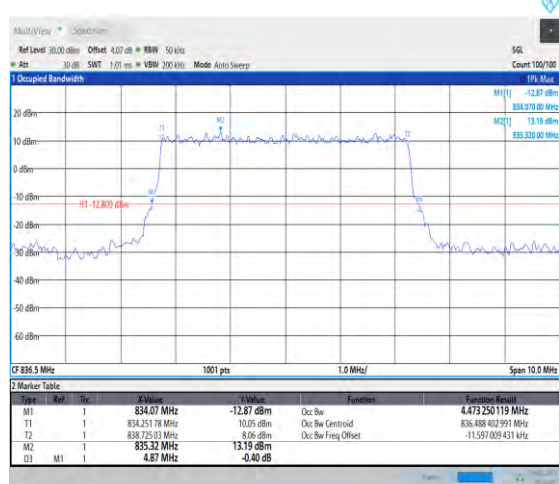
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03:50:34 26.05.2023



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NTNV_N5_PC3_15_5_M_TID2

NTNV_N5_PC3_15_5_M_TID3



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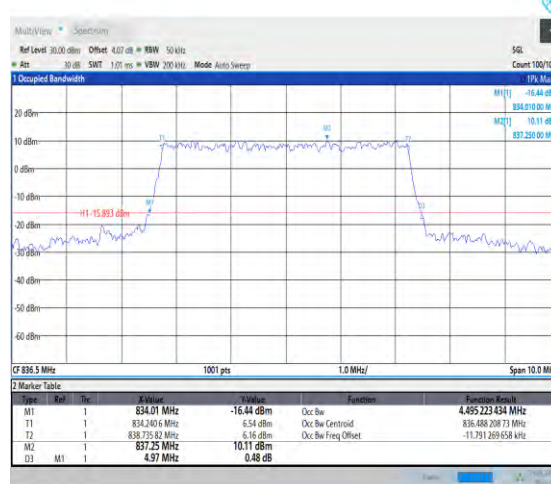
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03:51:29 26.05.2023

NTNV_N5_PC3_15_5_M_TID7



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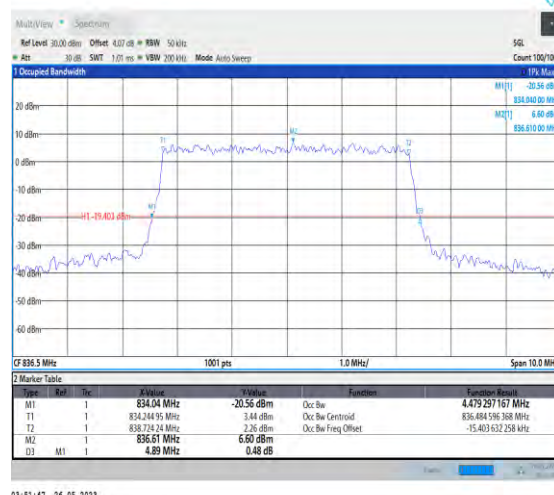
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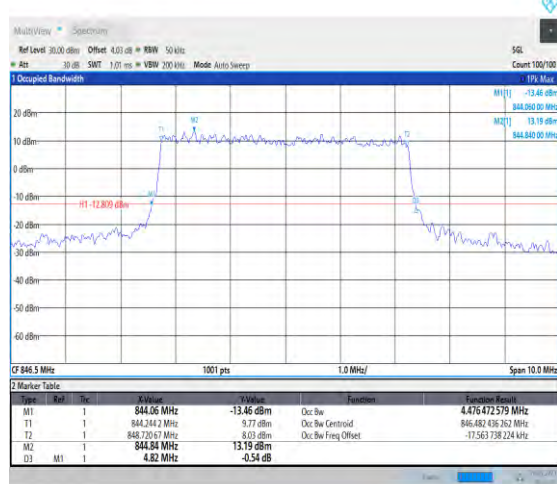
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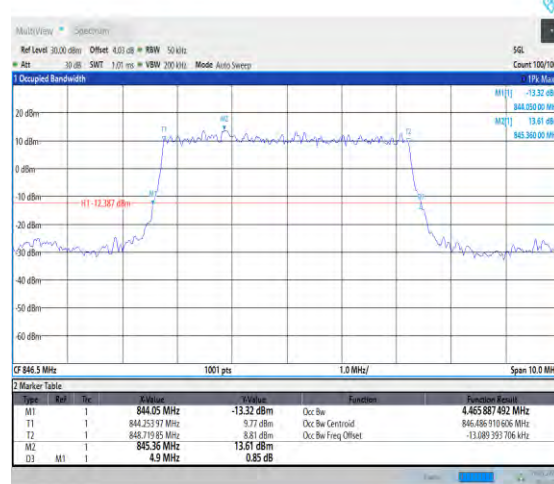
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03:53:21 26.05.2023

NTNV_N5_PC3_15_5_H_TID2



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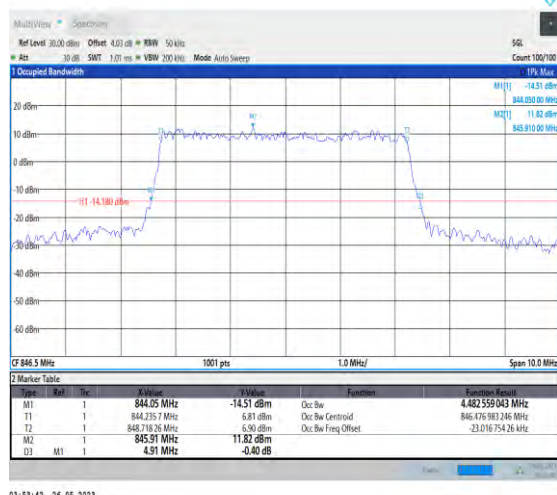
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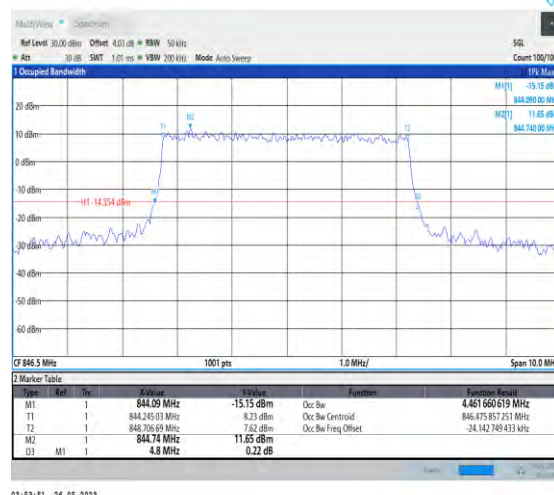
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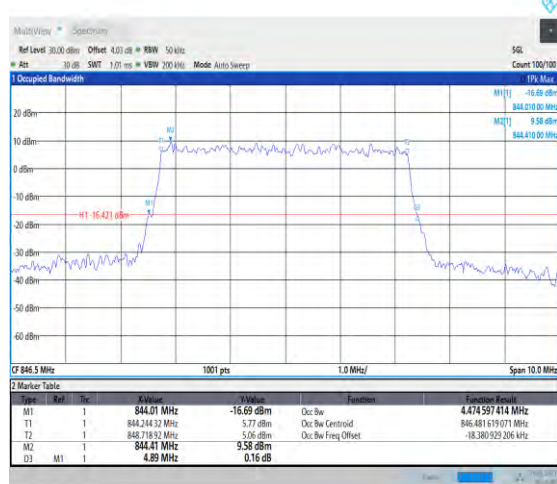
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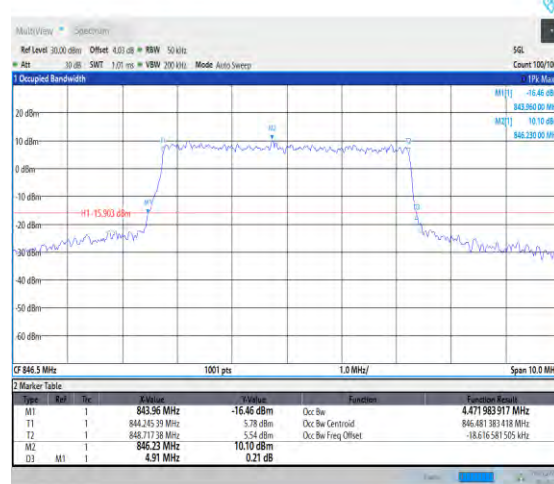
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NTNV_N5_PC3_15_5_H_TID6



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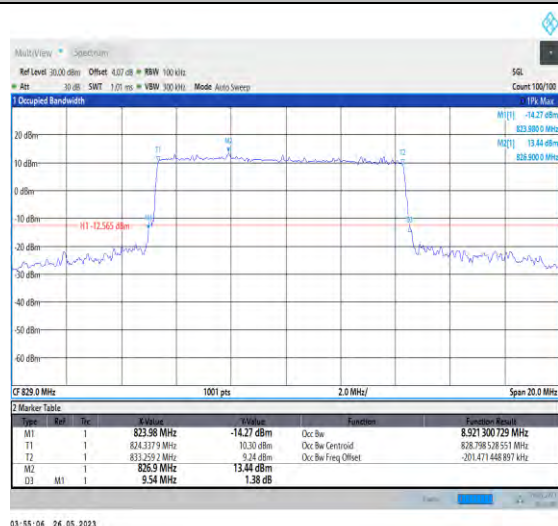
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NTNV_N5_PC3_15_5_H_TID9



NTNV_N5_PC3_15_10_L_TID1



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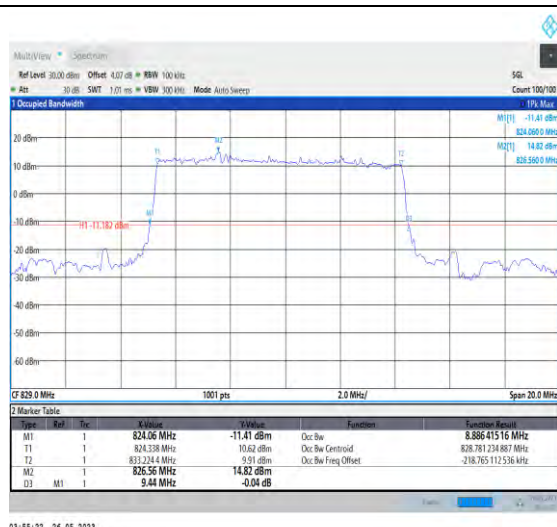
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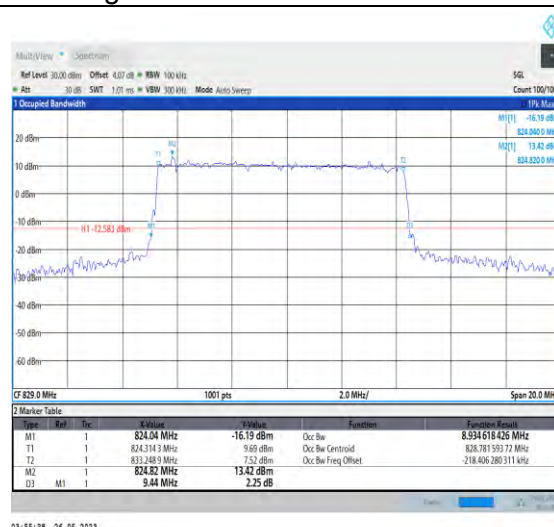
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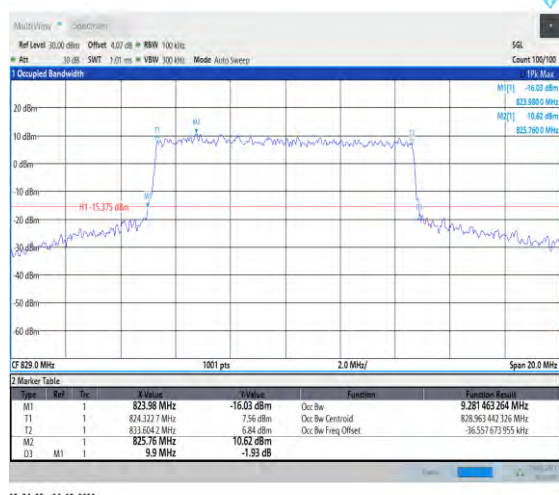
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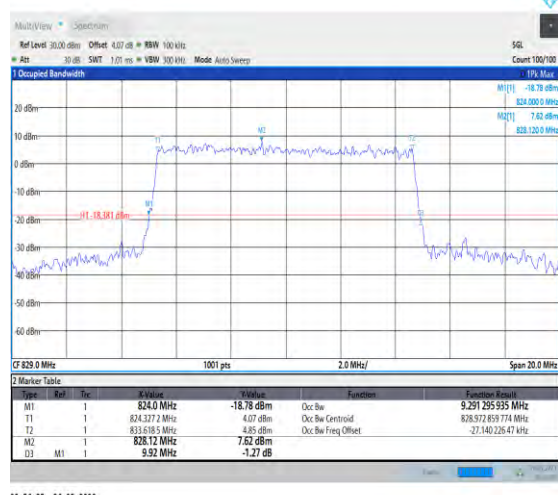
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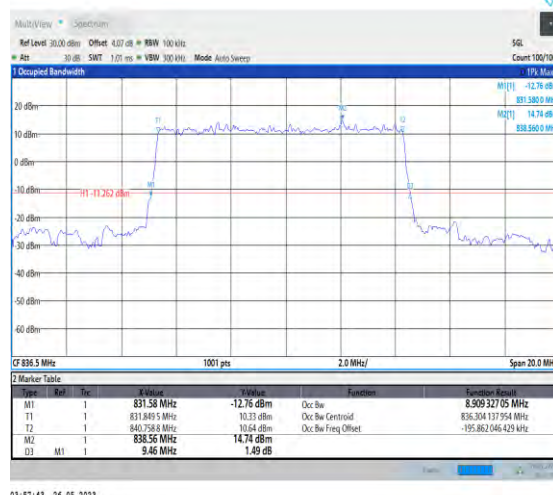
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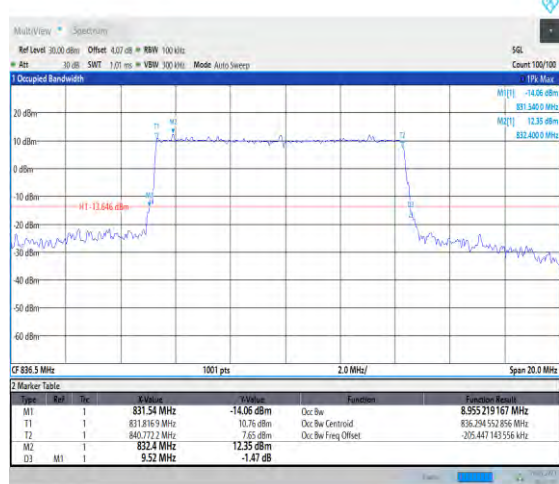
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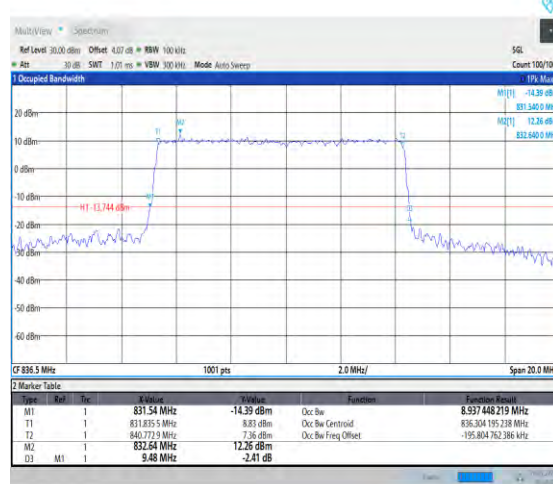
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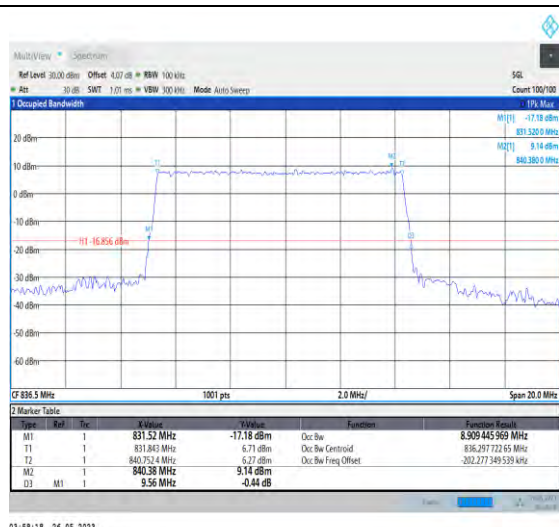
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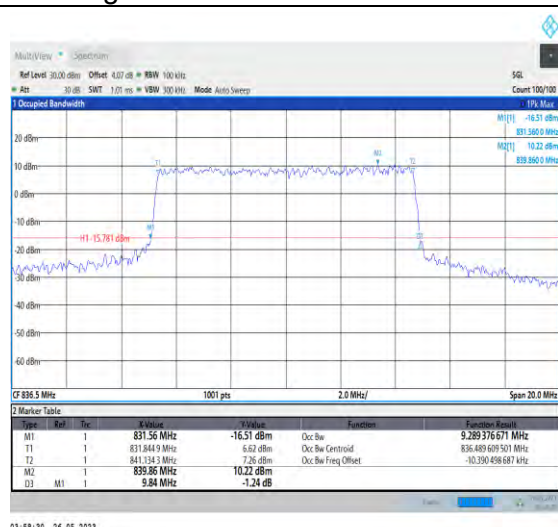
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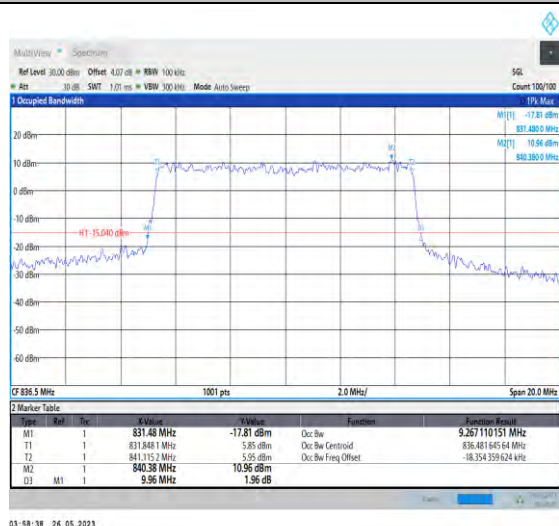
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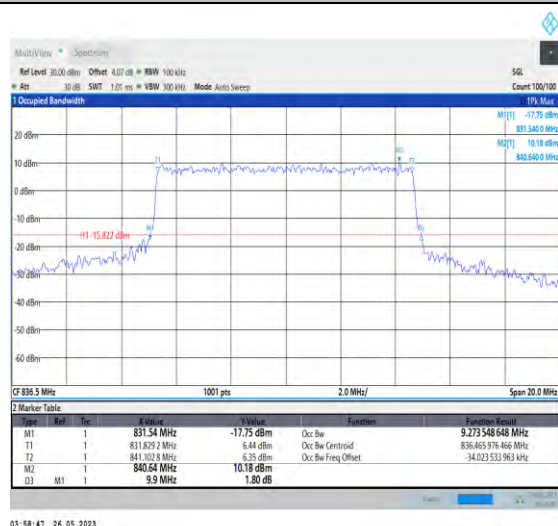
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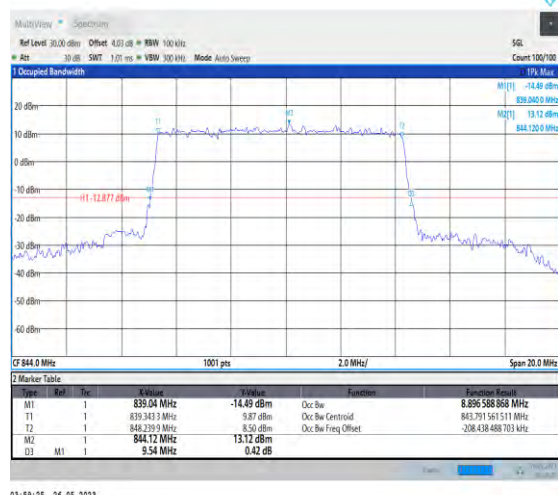
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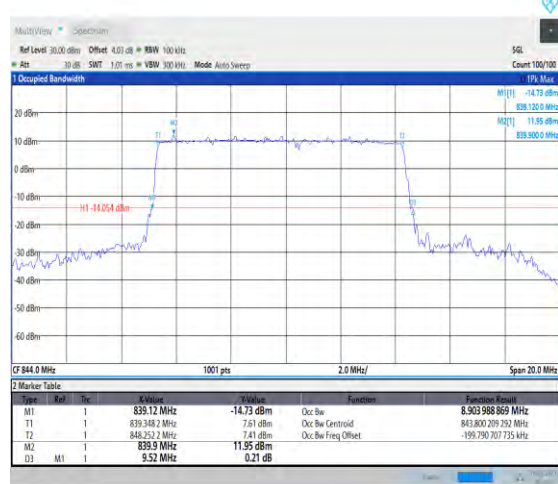
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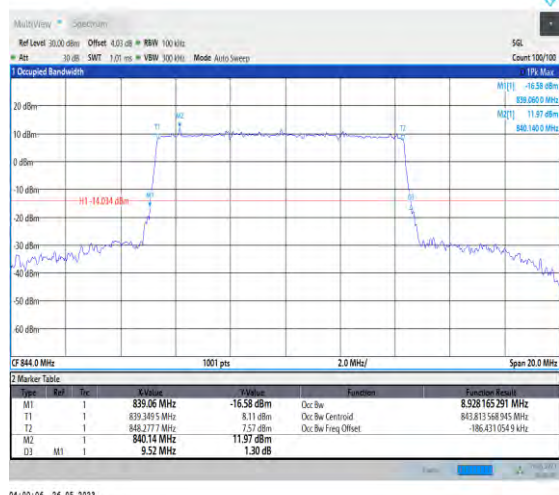
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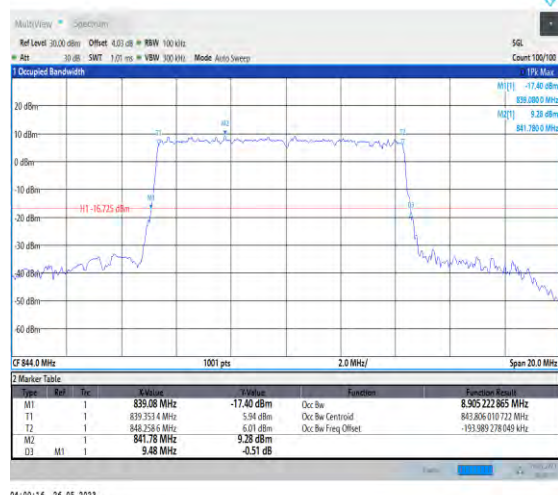
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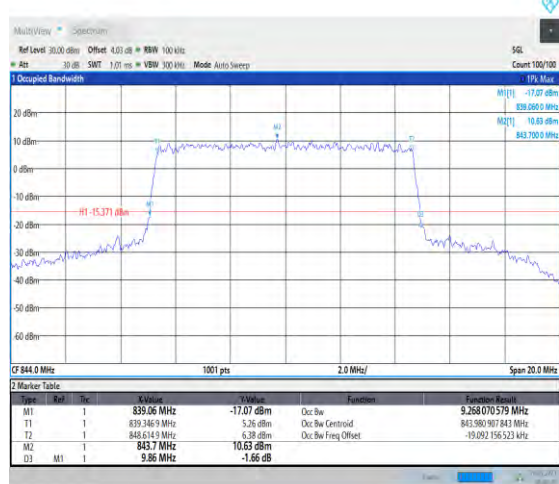
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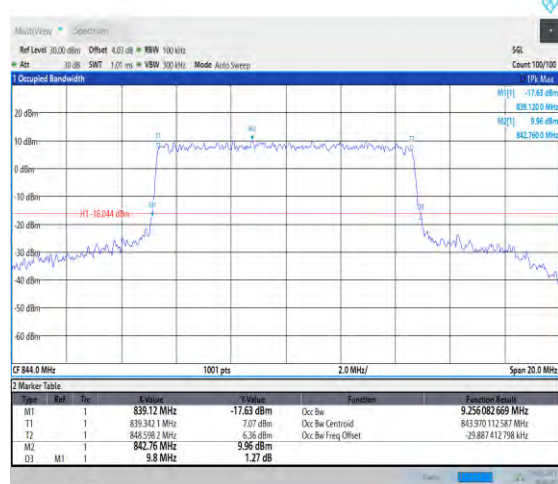
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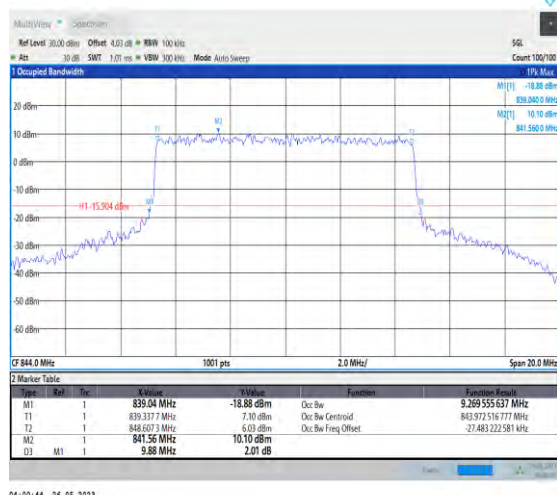
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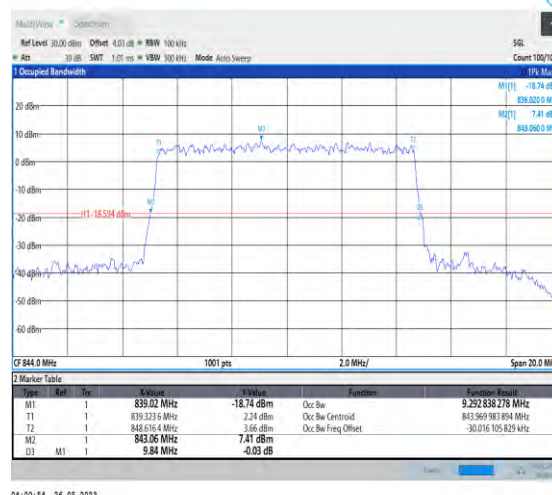
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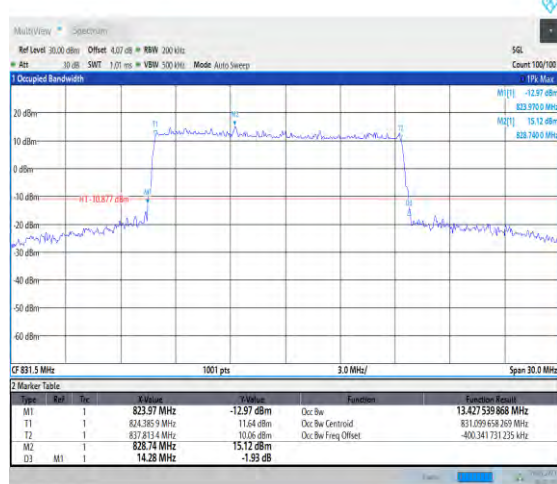
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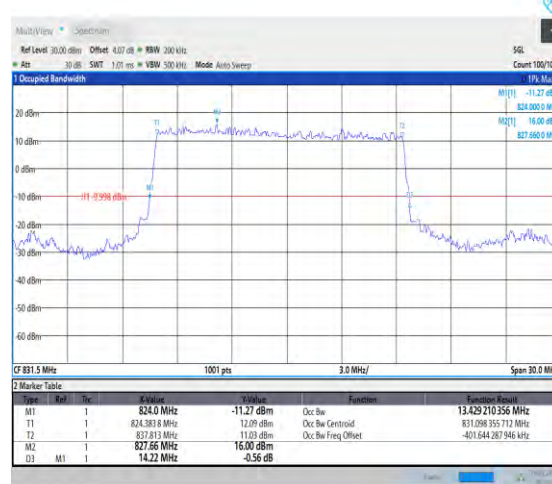
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04:01:20 26.05.2023

NTVN_N5_PC3_15_15_L_TID1



04:14:31 26.05.2023

NTVN_N5_PC3_15_15_L_TID2



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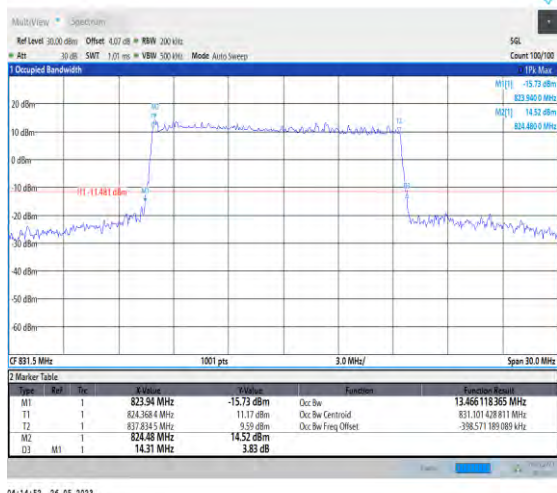
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NTVN_N5_PC3_15_15_L_TID6



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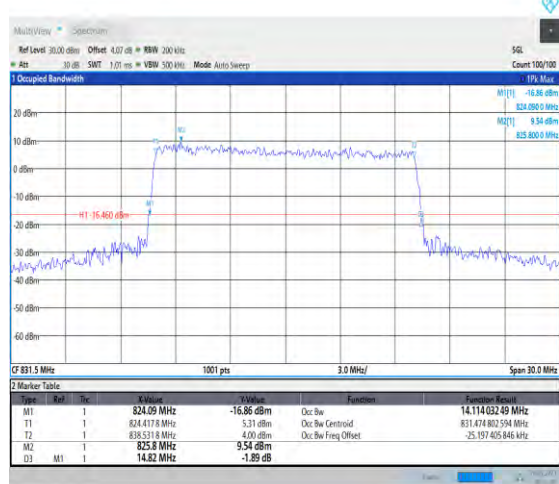
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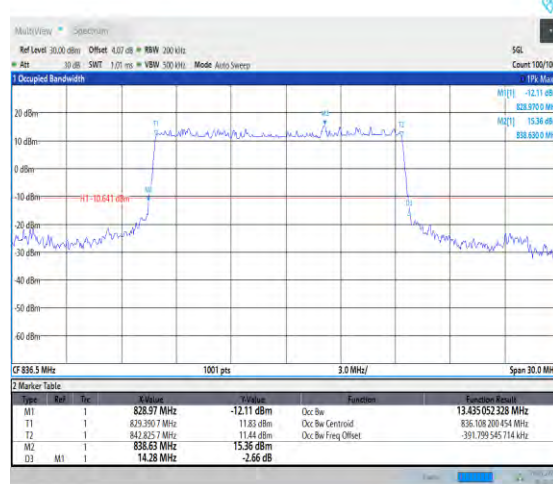
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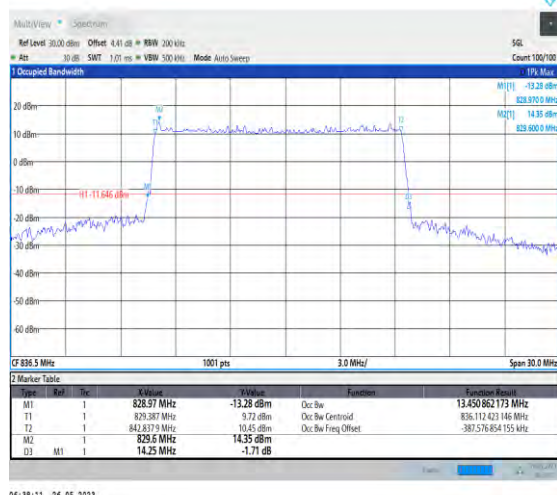
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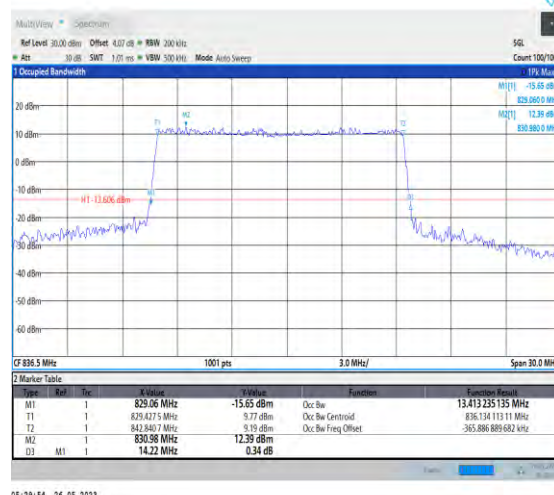
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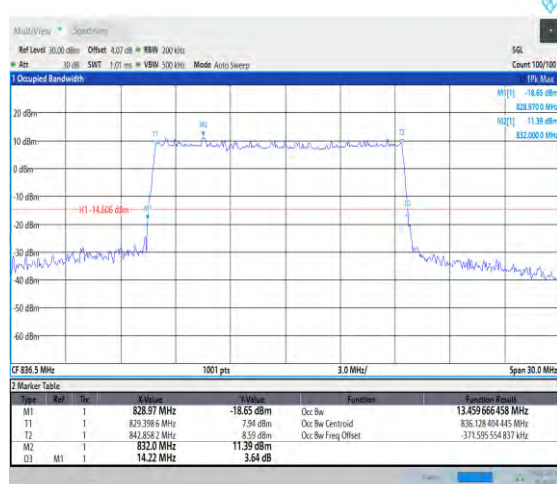
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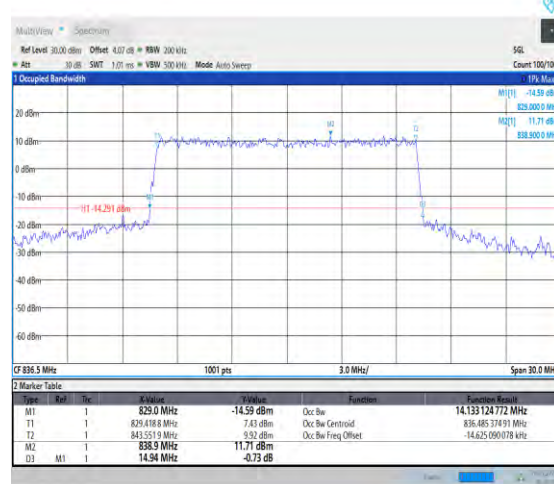
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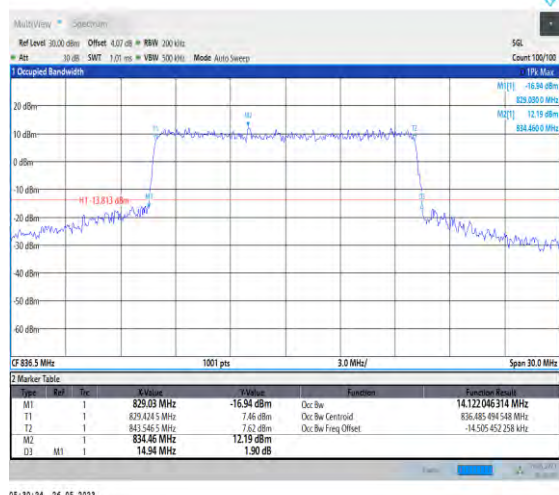
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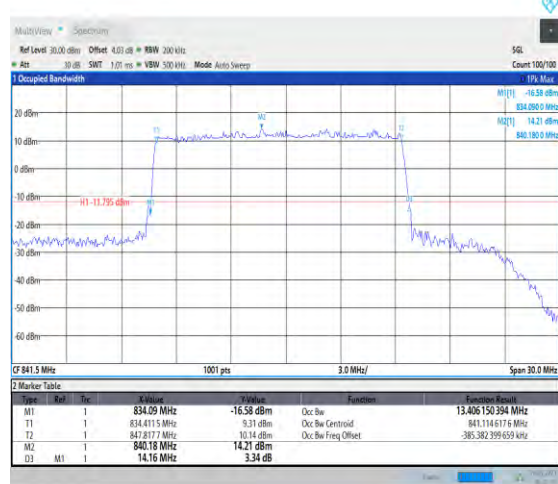
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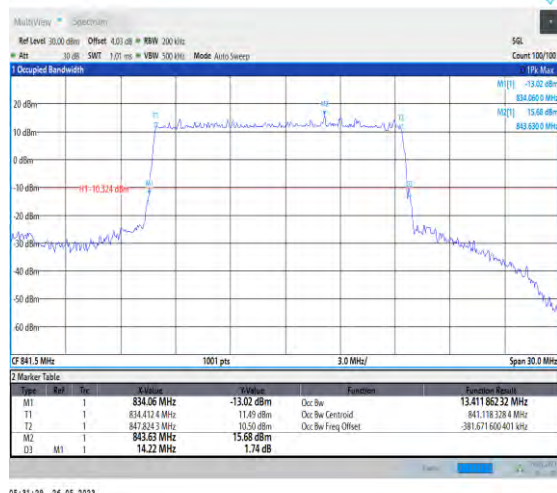
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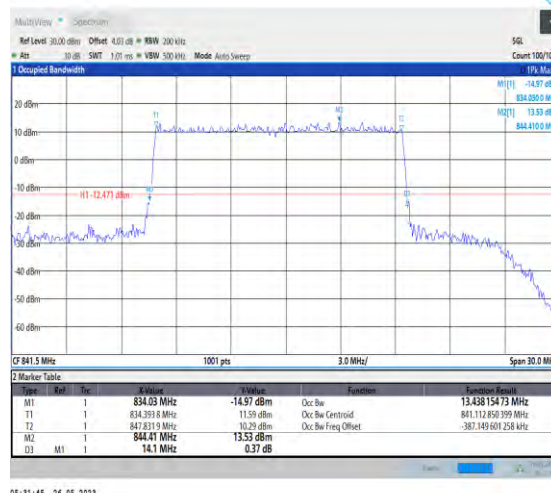
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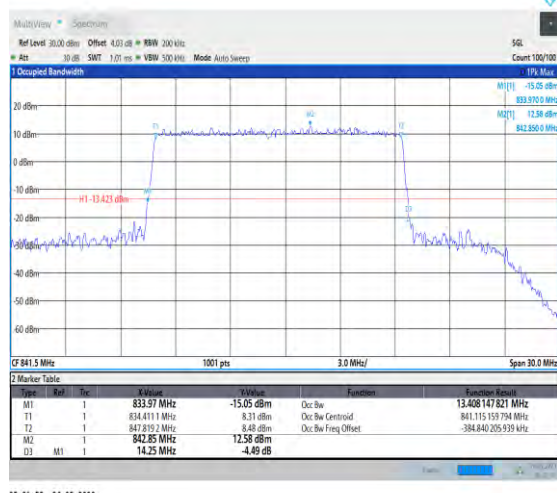
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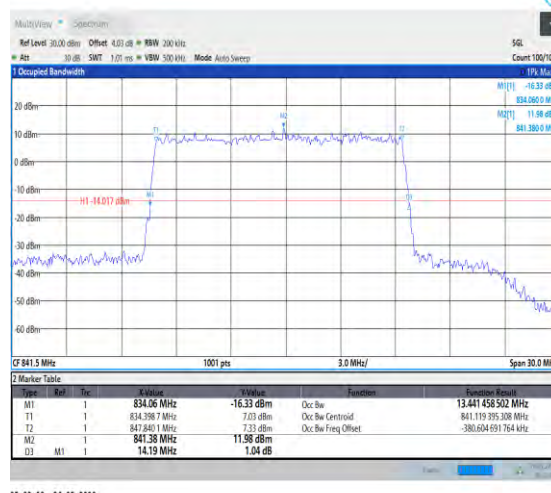
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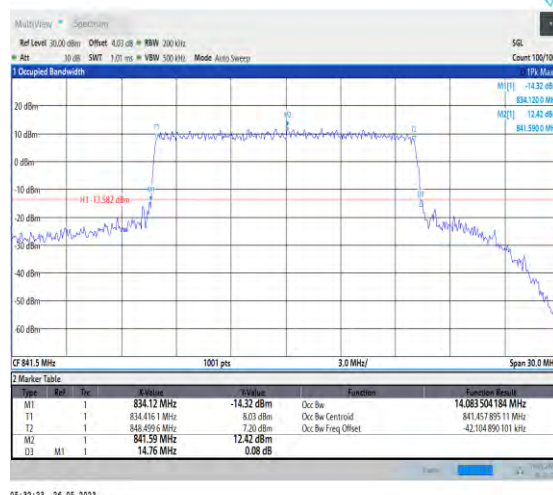
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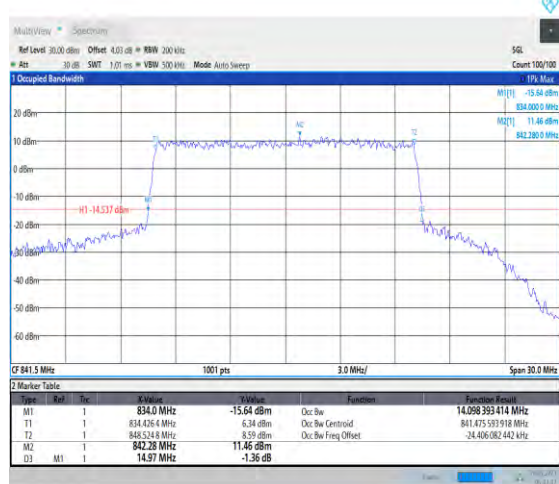
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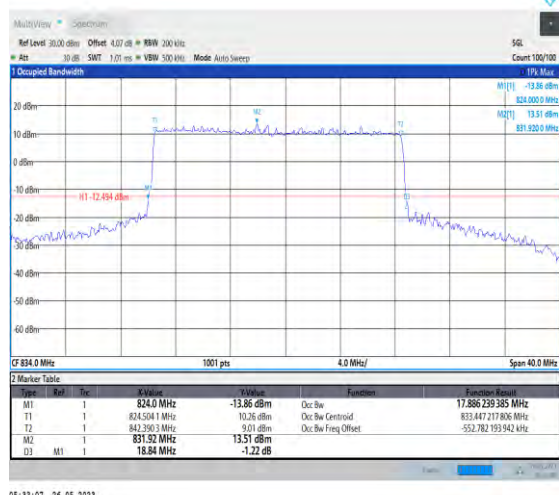
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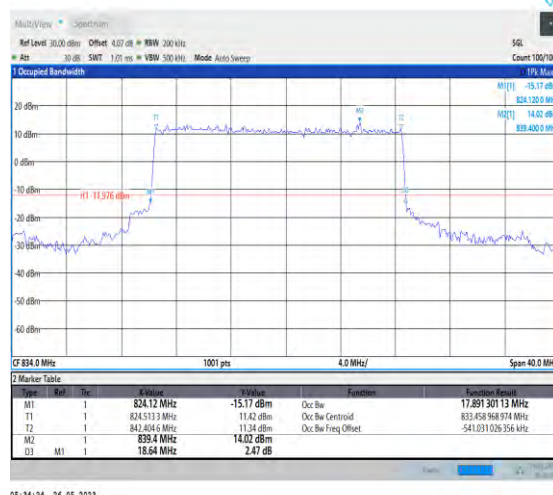
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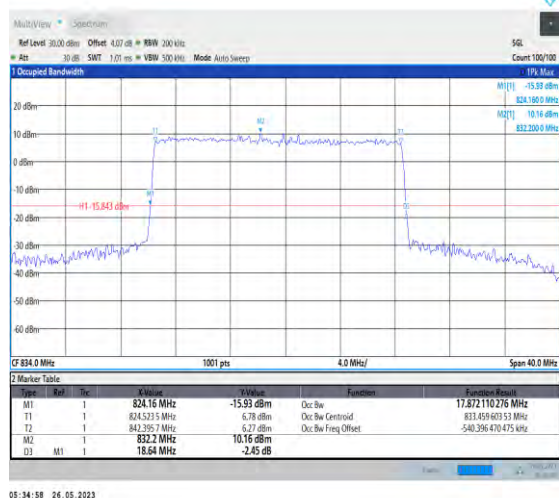
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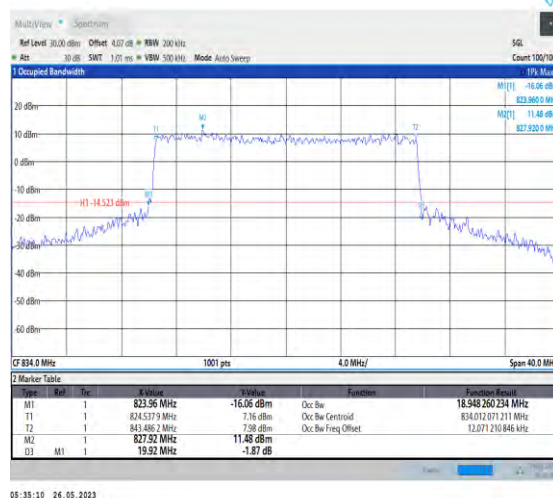
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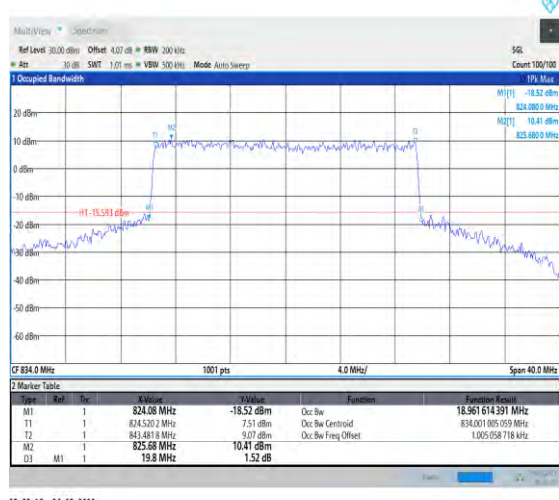
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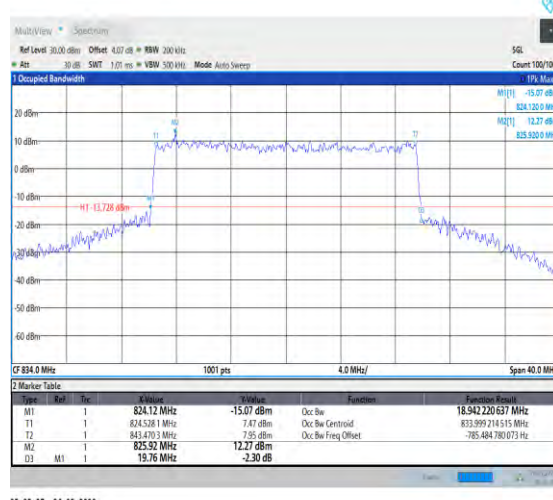
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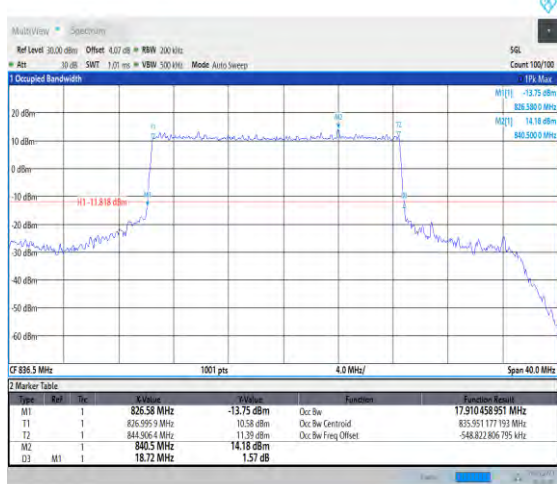
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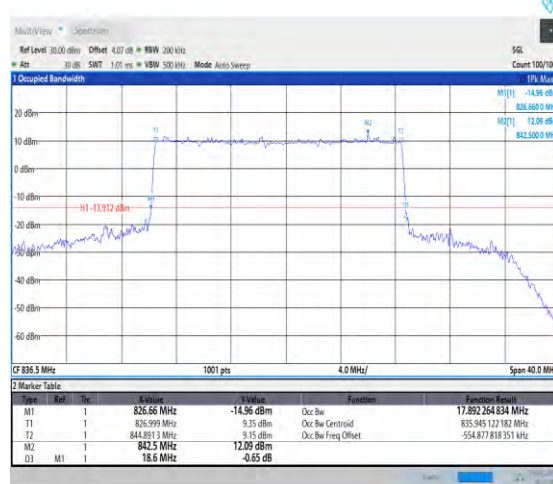
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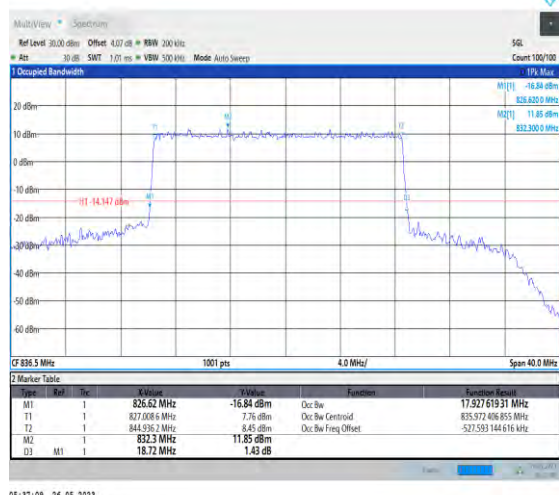
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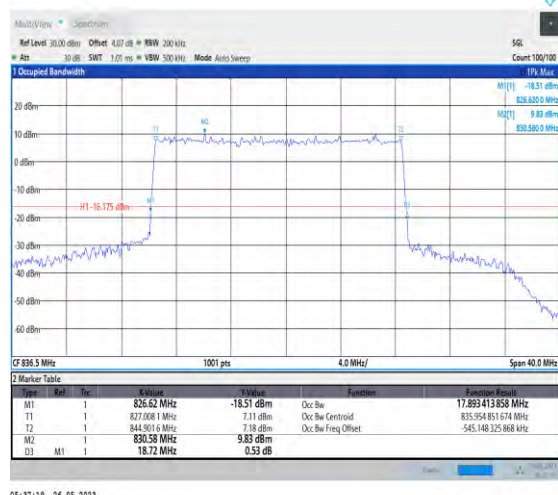
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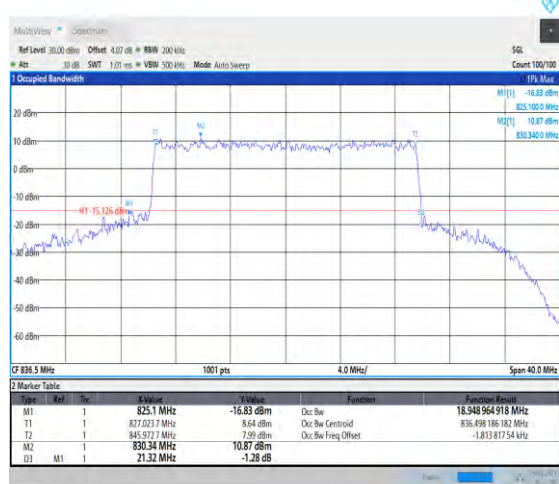
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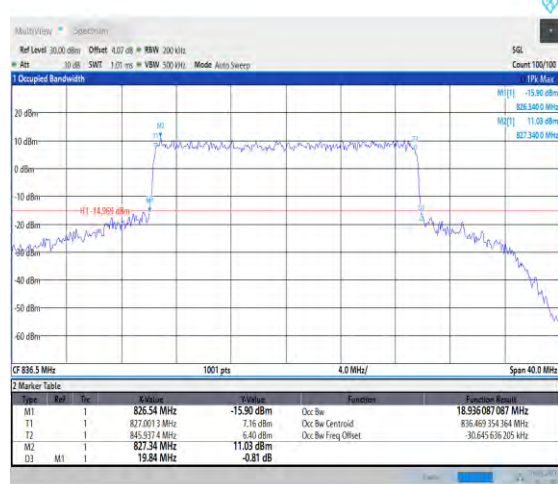
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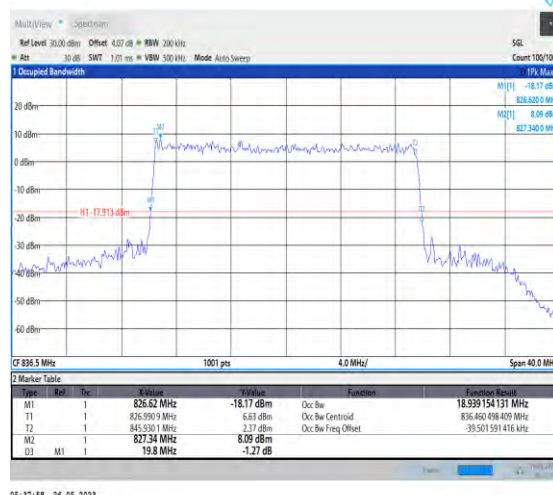
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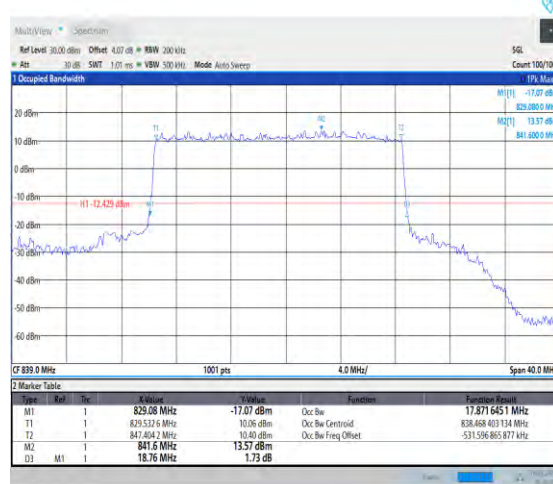
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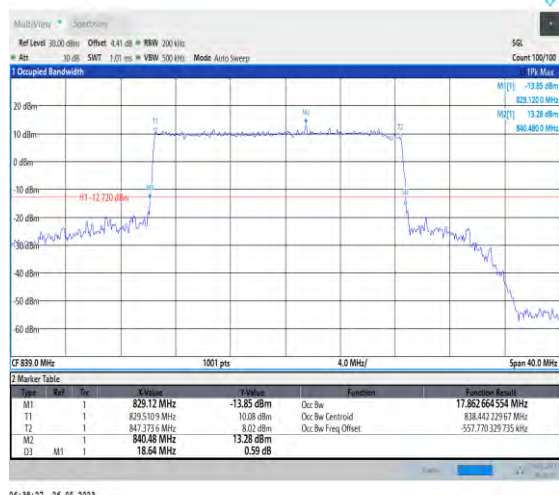
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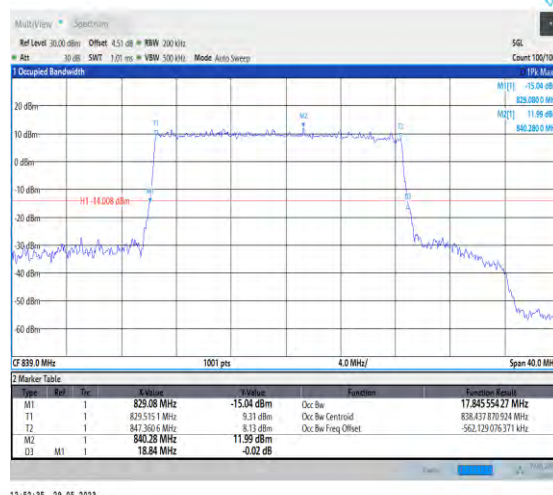
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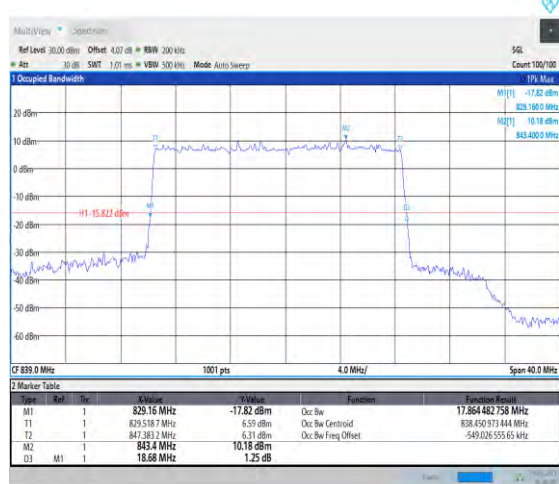
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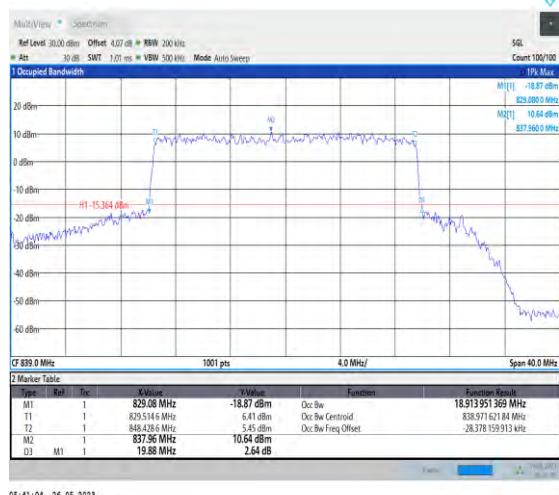
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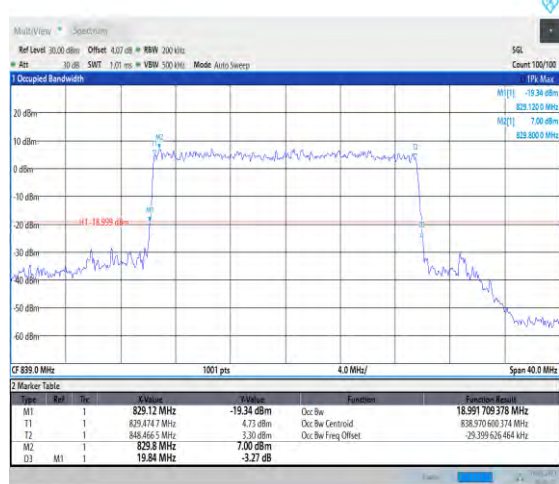
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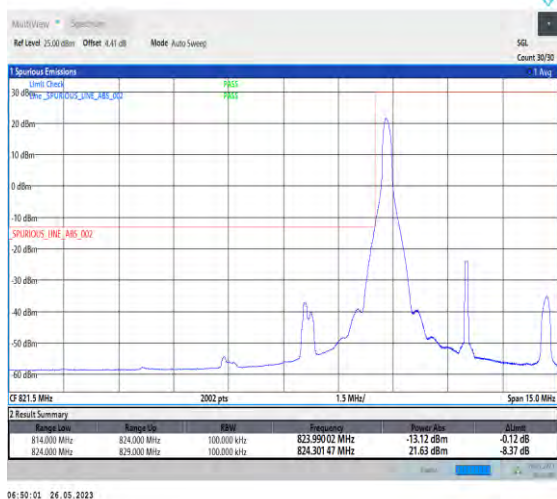
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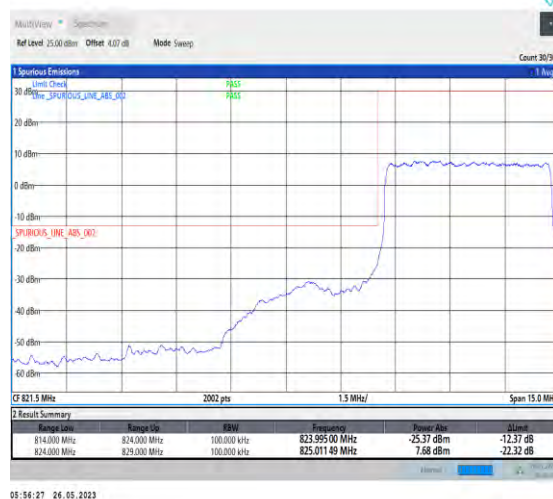
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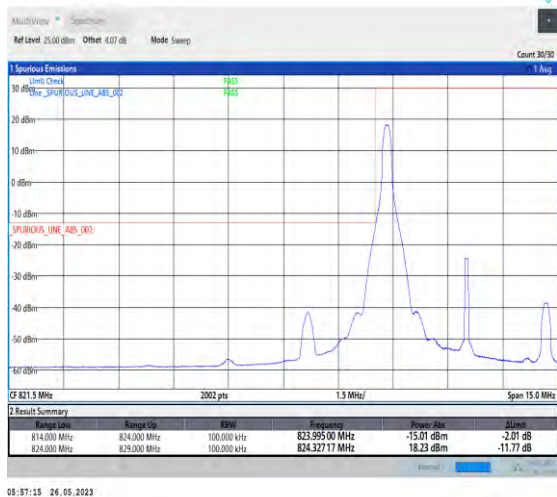
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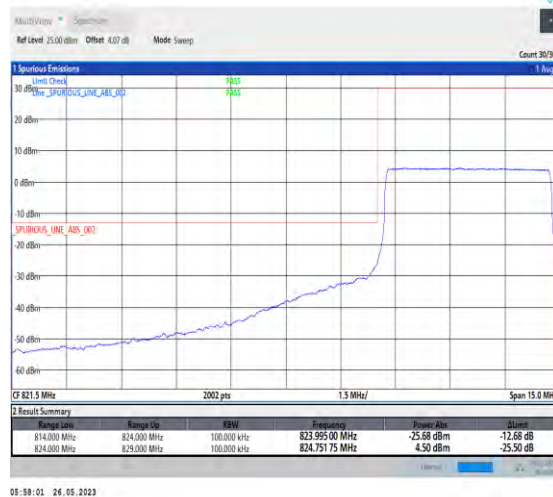
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NTNV_N5_PC3_15_5_L_TID6



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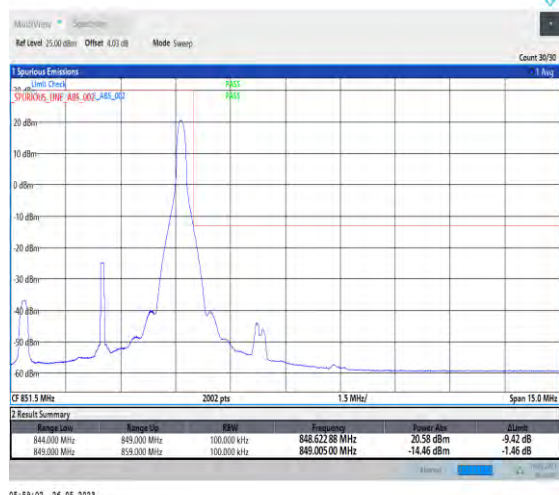
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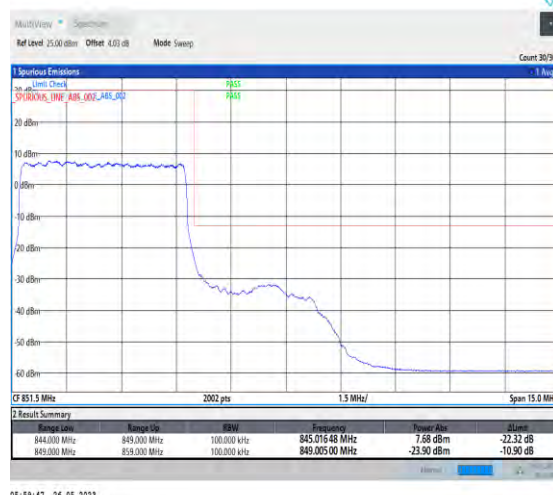
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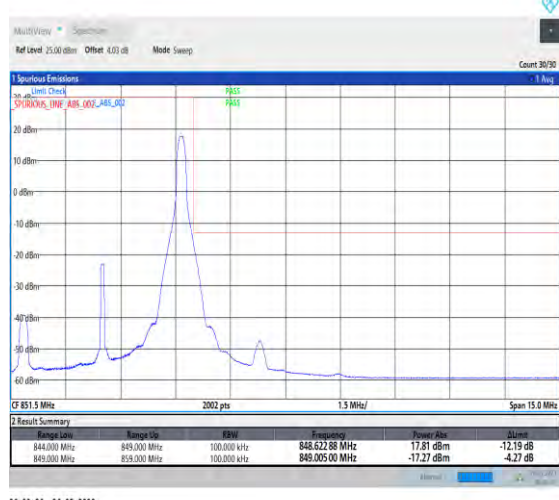
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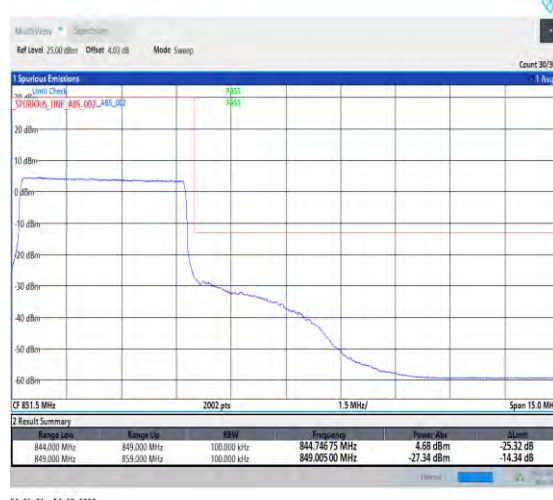
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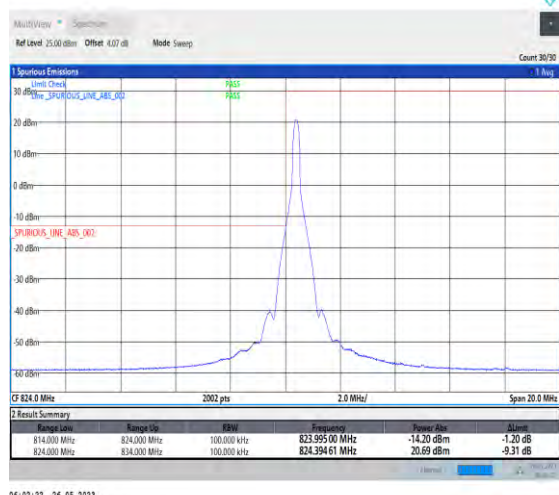
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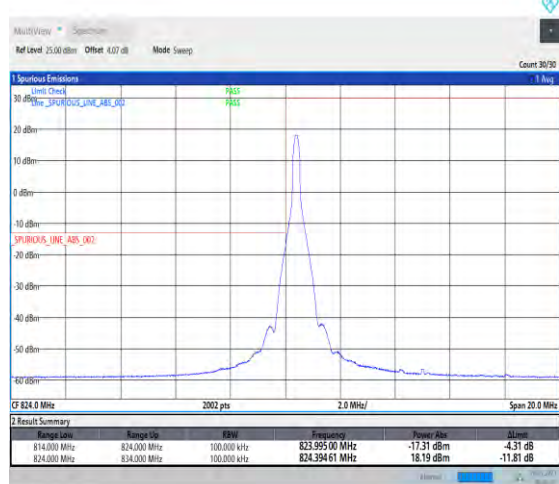
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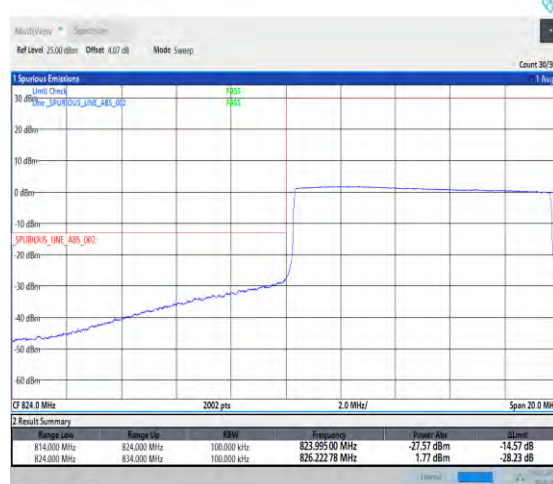
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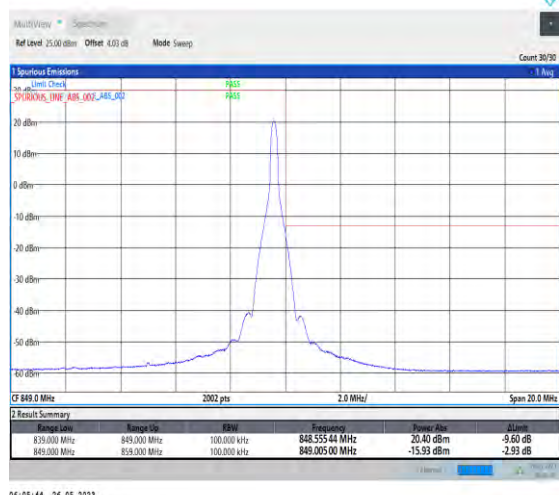
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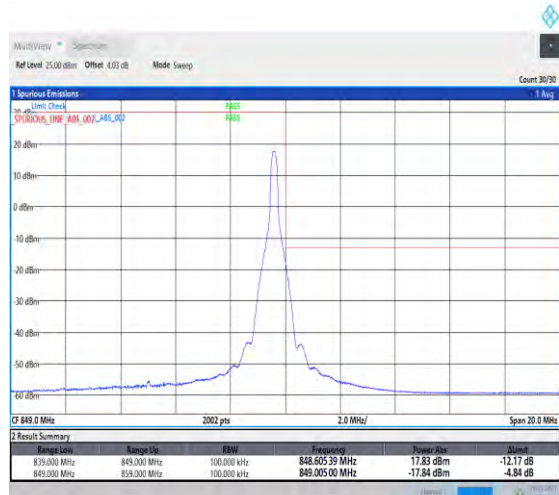
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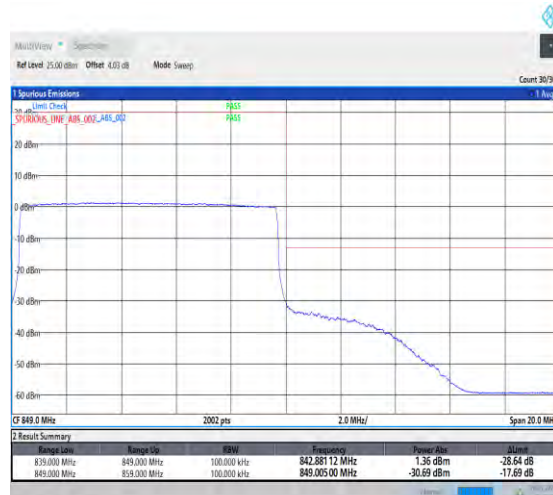
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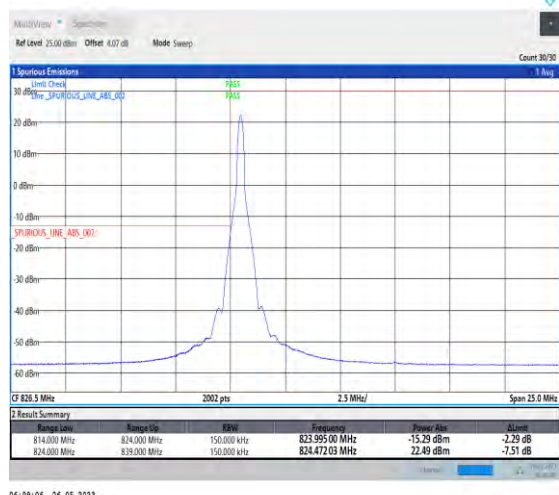
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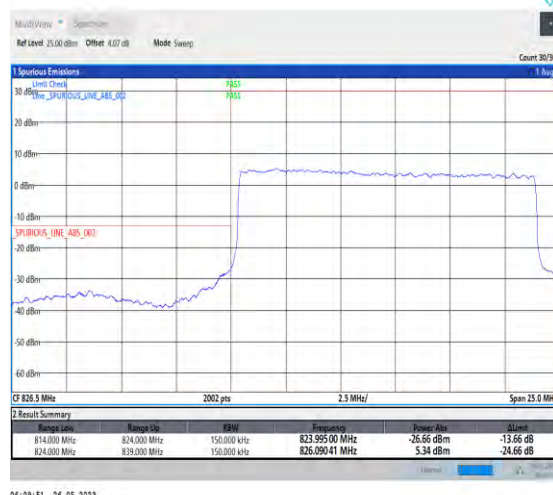
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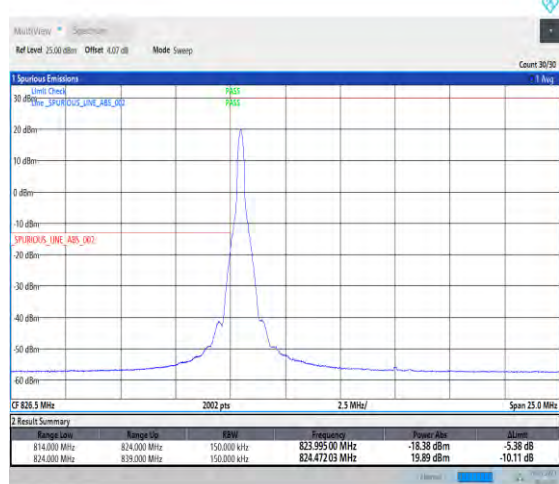
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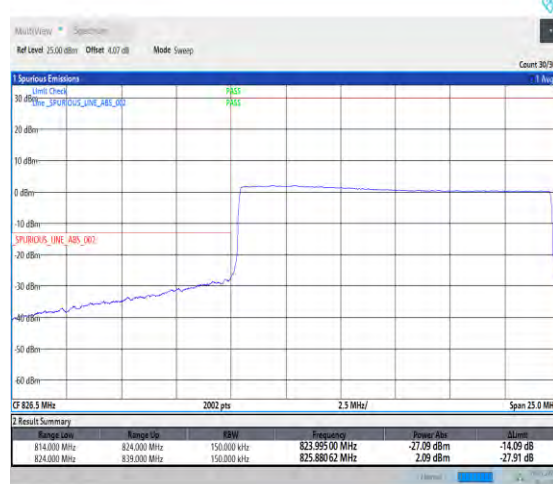
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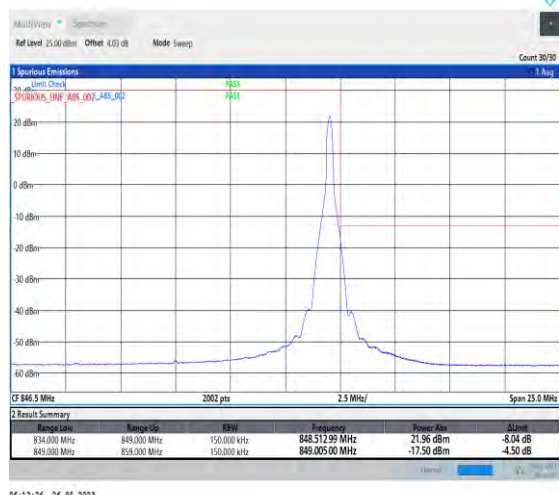
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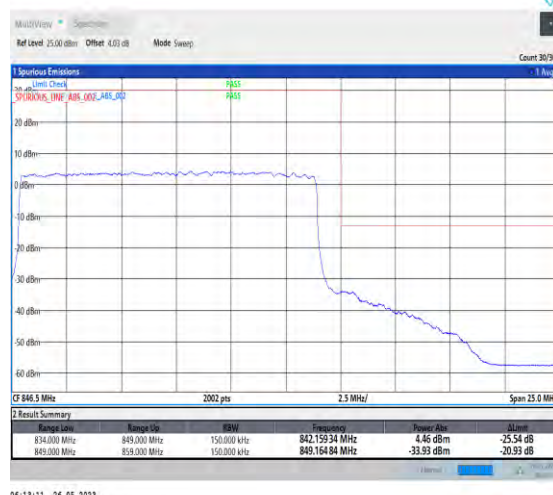
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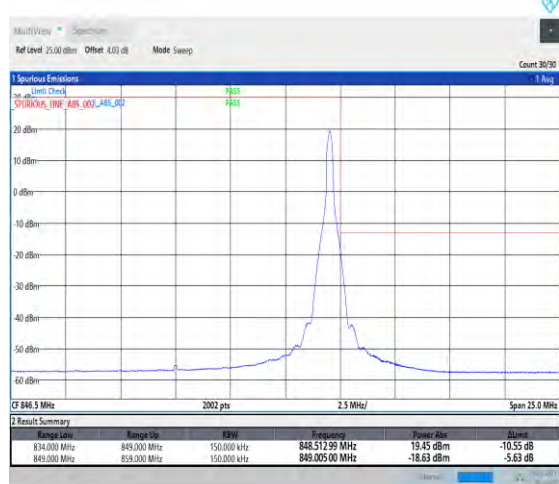
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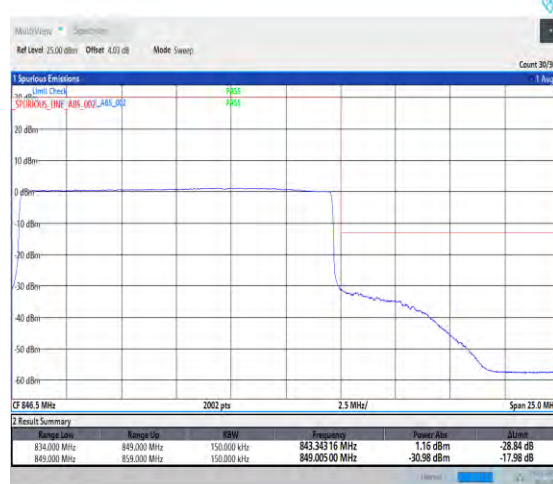
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06:14:45 26.05.2023

NTNV_N5_PC3_15_15_H_TID6



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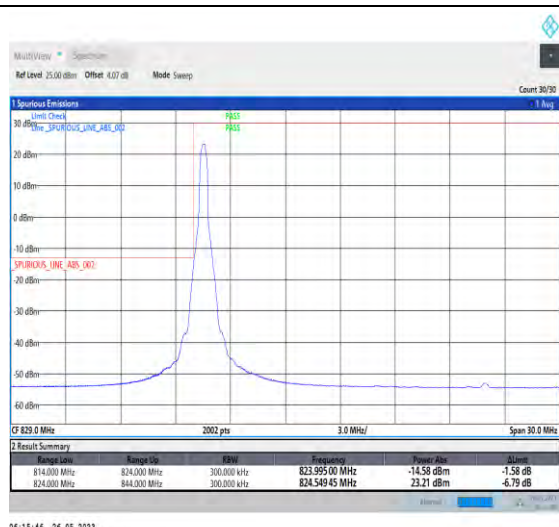
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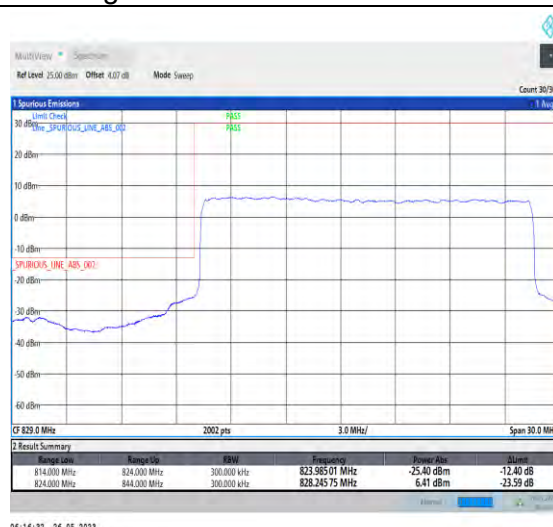
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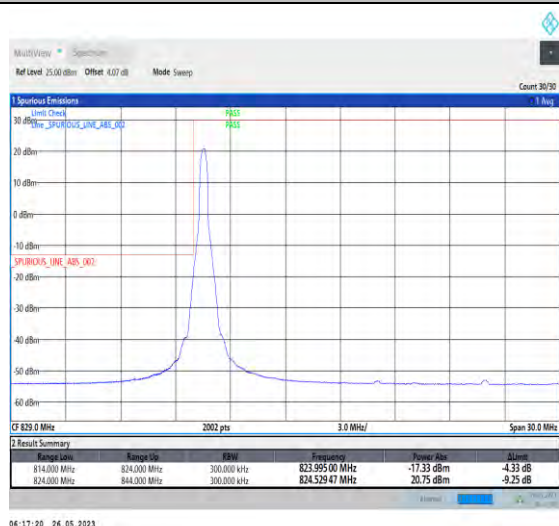
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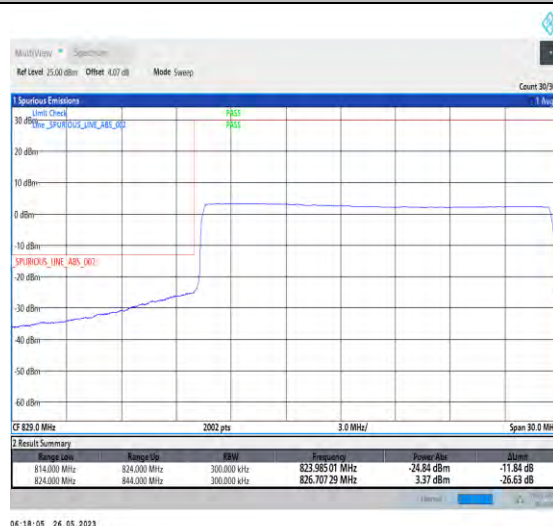
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06:18:05 26.05.2023

NTNV_N5_PC3_15_20_L_TID6



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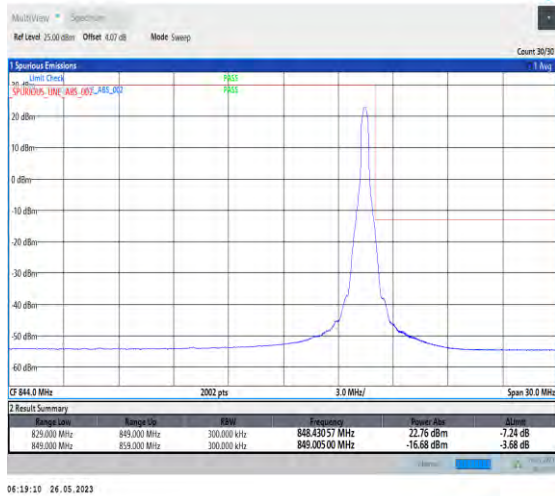
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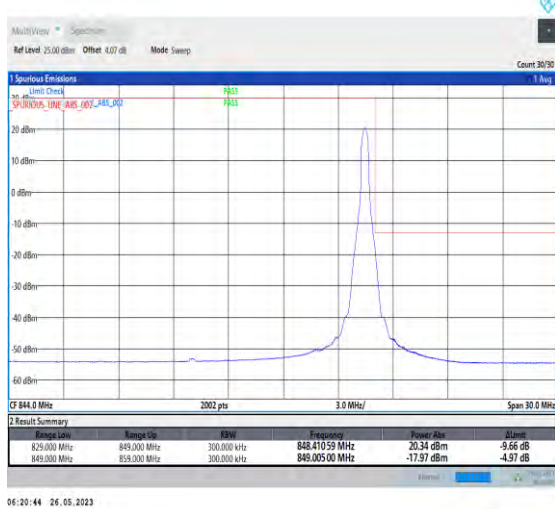
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NTNV_N5_PC3_15_20_H_TID2



NTNV_N5_PC3_15_20_H_TID3



NTNV_N5_PC3_15_20_H_TID5



NTNV_N5_PC3_15_20_H_TID6



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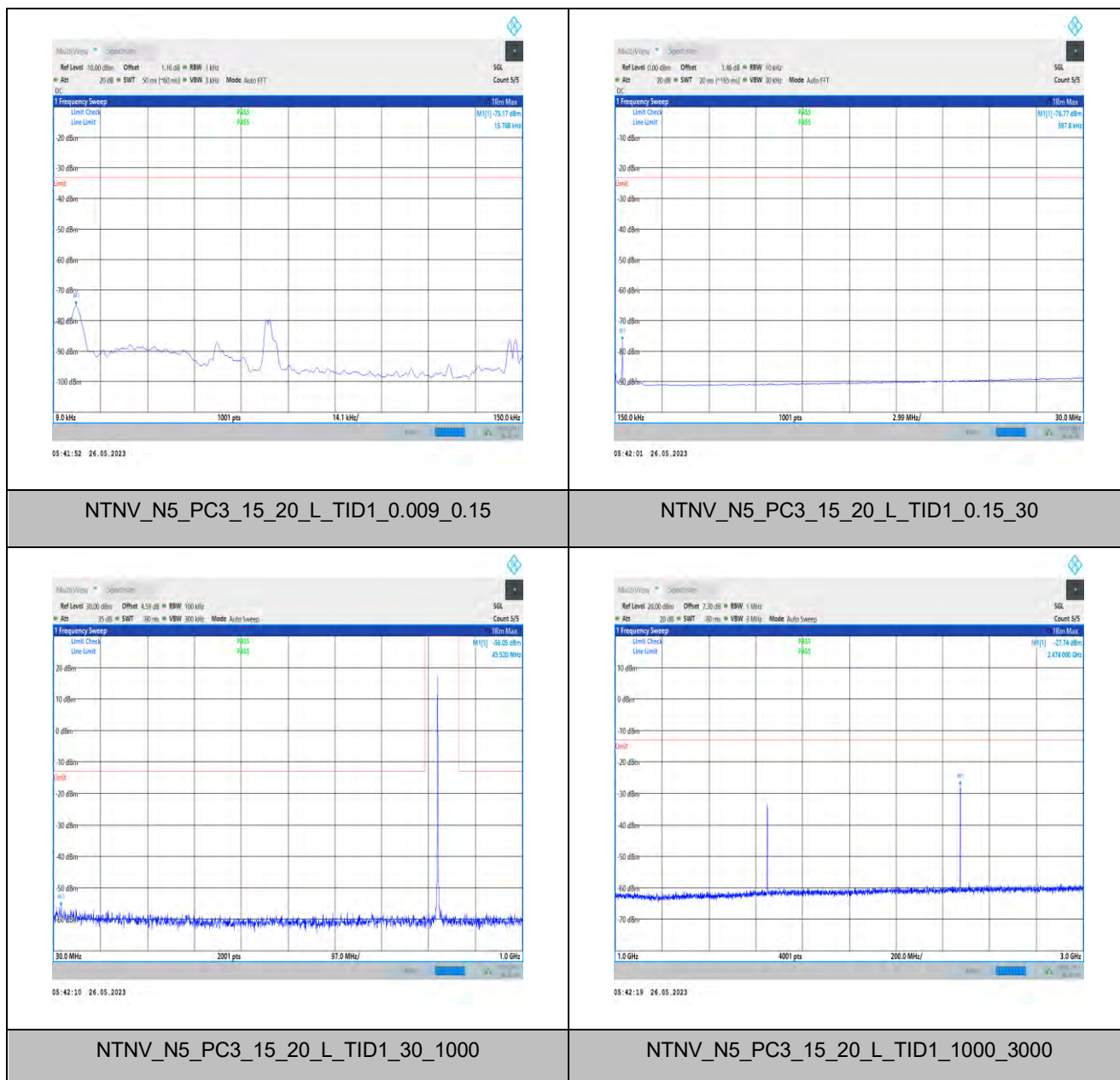
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Conducted Spurious Emission for SA

Test Graphs



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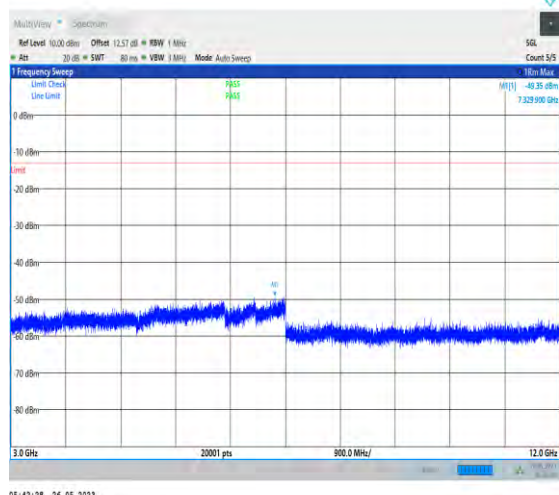
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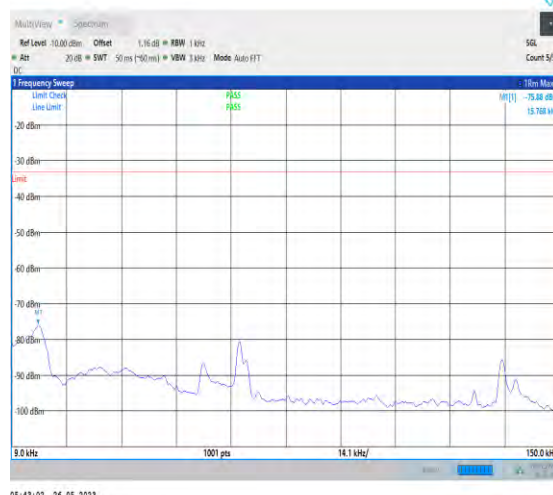
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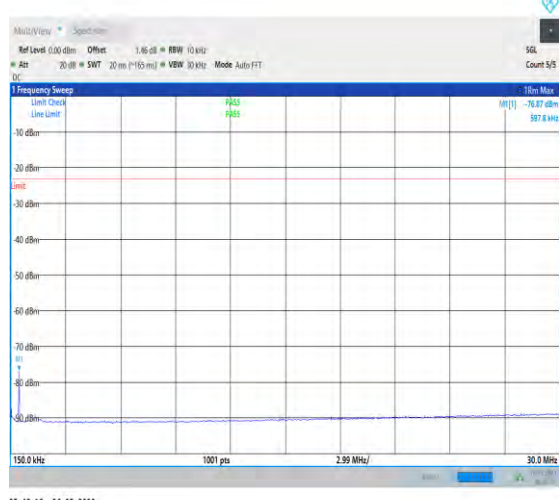
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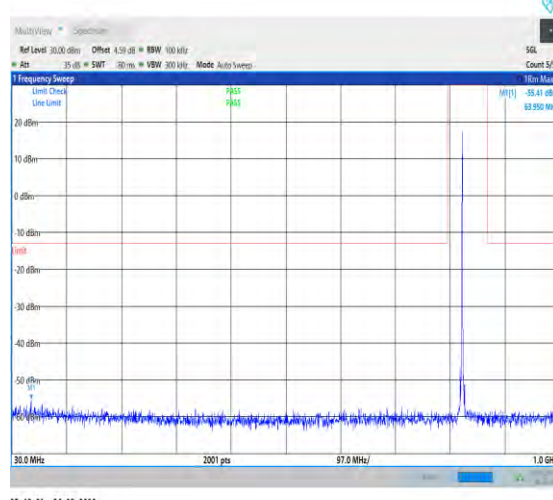
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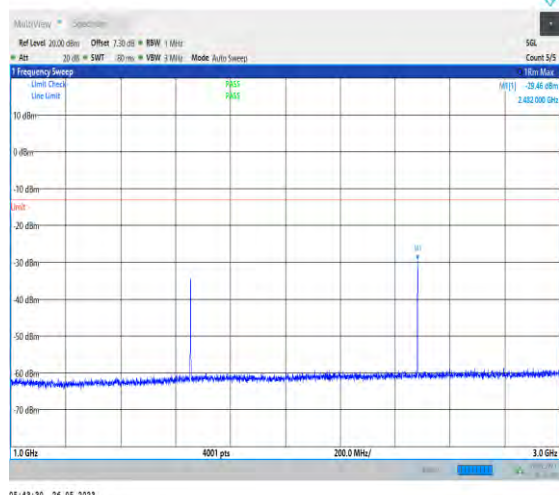
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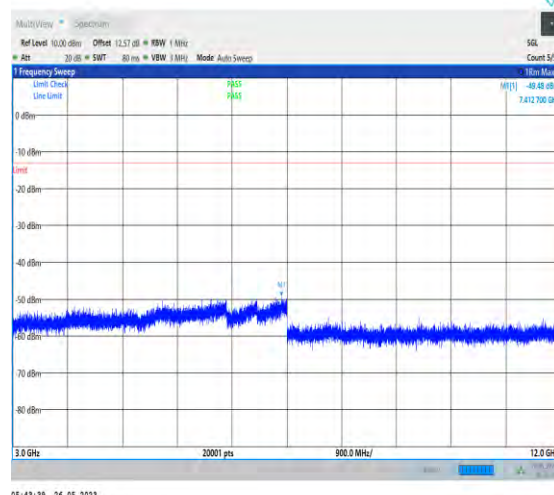
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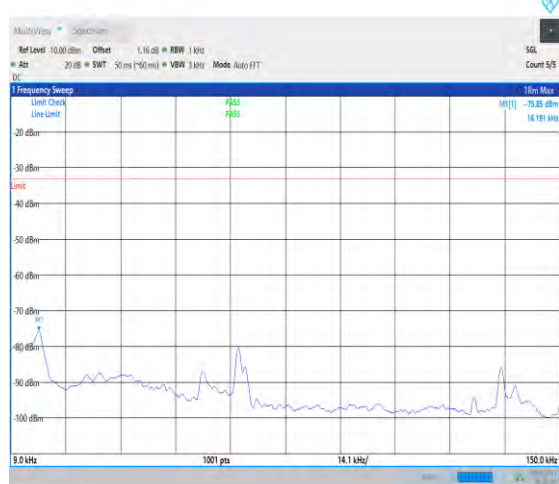
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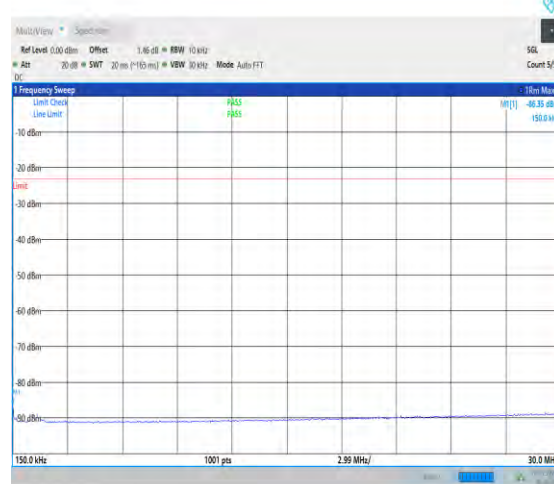
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NTVN_N5_PC3_15_20_M_TID1_3000_12000



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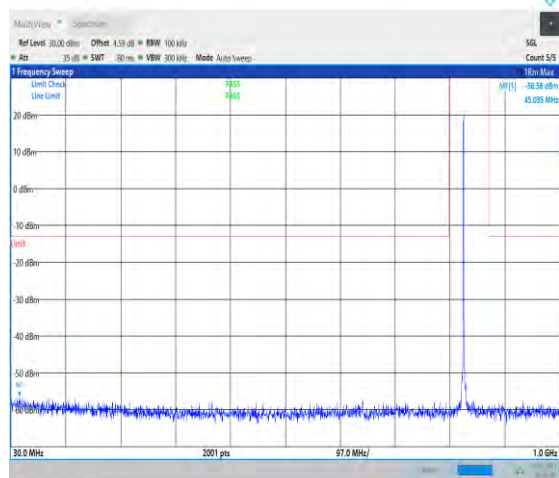
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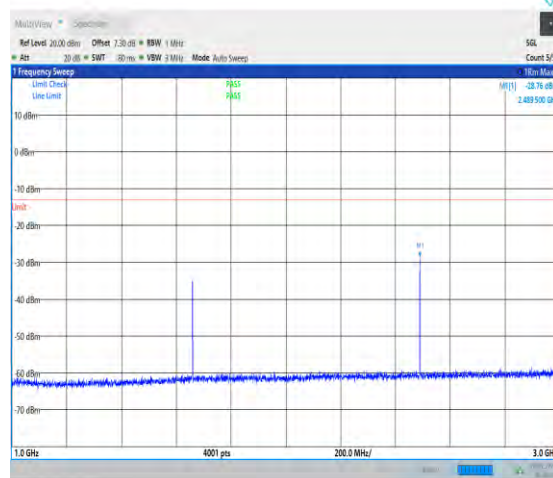
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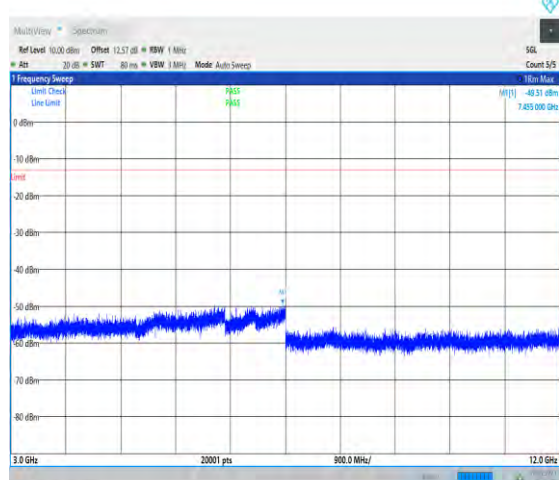
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Field Strength of Spurious Radiation

Test Band = n5_20MHz _ TM1

Test Channel = Low ANT11

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.97	-48.22	25.37	-74.14	-13.00	61.14	211	170	Horizontal
2	2475.2700	43.14	-47.31	27.69	-71.75	-13.00	58.75	154	341	Horizontal
3	3300.3600	43.16	-46.68	29.55	-69.22	-13.00	56.22	172	360	Horizontal
4	4125.4500	40.87	-45.92	30.99	-69.32	-13.00	56.32	136	360	Horizontal
5	4950.5400	41.76	-45.70	32.74	-66.45	-13.00	53.45	259	350	Horizontal
6	5775.6300	40.22	-44.64	33.66	-66.02	-13.00	53.02	199	302	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.74	-48.22	25.37	-74.37	-13.00	61.37	244	150	Vertical
2	2475.2700	43.26	-47.31	27.69	-71.63	-13.00	58.63	148	30	Vertical
3	3300.3600	43.33	-46.68	29.55	-69.05	-13.00	56.05	175	56	Vertical
4	4125.4500	41.11	-45.92	30.99	-69.08	-13.00	56.08	166	163	Vertical
5	4950.5400	42.01	-45.70	32.74	-66.20	-13.00	53.20	219	334	Vertical
6	5775.6300	39.97	-44.64	33.66	-66.27	-13.00	53.27	182	163	Vertical



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Test Band = n5_20MHz _ TM1
Test Channel = Mid ANT11

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	44.11	-48.21	25.37	-73.99	-13.00	60.99	230	66	Horizontal
2	2482.7700	43.04	-47.30	27.71	-71.81	-13.00	58.81	140	92	Horizontal
3	3310.3600	42.73	-46.66	29.54	-69.65	-13.00	56.65	172	251	Horizontal
4	4137.9500	41.86	-45.92	31.01	-68.32	-13.00	55.32	185	237	Horizontal
5	4965.5400	41.31	-45.73	32.78	-66.90	-13.00	53.90	192	3	Horizontal
6	5793.1300	39.83	-44.65	33.72	-66.36	-13.00	53.36	140	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.99	-48.21	25.37	-74.11	-13.00	61.11	123	357	Vertical
2	2482.7700	42.97	-47.30	27.71	-71.88	-13.00	58.88	320	1	Vertical
3	3310.3600	42.59	-46.66	29.54	-69.79	-13.00	56.79	142	256	Vertical
4	4137.9500	41.32	-45.92	31.01	-68.86	-13.00	55.86	120	217	Vertical
5	4965.5400	41.53	-45.73	32.78	-66.68	-13.00	53.68	156	18	Vertical
6	5793.1300	40.15	-44.65	33.72	-66.04	-13.00	53.04	177	348	Vertical



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Test Band = n5_20MHz _ TM1
Test Channel = High ANT11

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.52	-48.21	25.37	-74.57	-13.00	61.57	255	251	Horizontal
2	2490.2700	43.04	-47.29	27.74	-71.77	-13.00	58.77	188	198	Horizontal
3	3320.3600	43.42	-46.65	29.53	-68.96	-13.00	55.96	146	93	Horizontal
4	4150.4500	41.12	-45.93	31.03	-69.04	-13.00	56.04	192	80	Horizontal
5	4980.5400	41.27	-45.77	32.83	-66.93	-13.00	53.93	173	39	Horizontal
6	5810.6300	39.51	-44.69	33.77	-66.67	-13.00	53.67	215	304	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.98	-48.21	25.37	-74.11	-13.00	61.11	244	1	Vertical
2	2490.2700	43.14	-47.29	27.74	-71.67	-13.00	58.67	175	43	Vertical
3	3320.3600	43.36	-46.65	29.53	-69.02	-13.00	56.02	142	335	Vertical
4	4150.4500	41.41	-45.93	31.03	-68.75	-13.00	55.75	163	357	Vertical
5	4980.5400	40.78	-45.77	32.83	-67.42	-13.00	54.42	259	0	Vertical
6	5810.6300	40.16	-44.69	33.77	-66.02	-13.00	53.02	192	5	Vertical



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Test Band = NSA 7A-n5A_ TM1
Test Channel = Low

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	44.03	-48.22	25.37	-74.08	-13.00	61.08	154	251	Horizontal
2	2475.2700	42.67	-47.31	27.69	-72.22	-13.00	59.22	185	225	Horizontal
3	3300.3600	42.50	-46.68	29.55	-69.88	-13.00	56.88	142	4	Horizontal
4	4125.4500	40.76	-45.92	30.99	-69.43	-13.00	56.43	166	172	Horizontal
5	4950.5400	41.33	-45.70	32.74	-66.88	-13.00	53.88	129	184	Horizontal
6	5775.6300	39.72	-44.64	33.66	-66.52	-13.00	53.52	180	25	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	44.56	-48.22	25.37	-73.55	-13.00	60.55	247	188	Vertical
2	2475.2700	42.29	-47.31	27.69	-72.60	-13.00	59.60	126	228	Vertical
3	3300.3600	43.71	-46.68	29.55	-68.67	-13.00	55.67	198	9	Vertical
4	4125.4500	40.59	-45.92	30.99	-69.60	-13.00	56.60	145	357	Vertical
5	4950.5400	41.81	-45.70	32.74	-66.40	-13.00	53.40	288	82	Vertical
6	5775.6300	39.87	-44.64	33.66	-66.37	-13.00	53.37	190	294	Vertical



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Test Band = NSA 7A-n5A_ TM1

Test Channel = Mid

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.25	-48.21	25.37	-74.85	-13.00	61.85	241	13	Horizontal
2	2482.7700	42.71	-47.30	27.71	-72.14	-13.00	59.14	126	331	Horizontal
3	3310.3600	42.82	-46.66	29.54	-69.56	-13.00	56.56	289	264	Horizontal
4	4137.9500	41.01	-45.92	31.01	-69.17	-13.00	56.17	191	79	Horizontal
5	4965.5400	41.44	-45.73	32.78	-66.77	-13.00	53.77	170	351	Horizontal
6	5793.1300	39.32	-44.65	33.72	-66.87	-13.00	53.87	152	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.80	-48.21	25.37	-74.30	-13.00	61.30	244	0	Vertical
2	2482.7700	42.75	-47.30	27.71	-72.10	-13.00	59.10	147	294	Vertical
3	3310.3600	42.51	-46.66	29.54	-69.87	-13.00	56.87	172	17	Vertical
4	4137.9500	40.58	-45.92	31.01	-69.60	-13.00	56.60	129	189	Vertical
5	4965.5400	40.79	-45.73	32.78	-67.42	-13.00	54.42	191	68	Vertical
6	5793.1300	39.93	-44.65	33.72	-66.26	-13.00	53.26	186	242	Vertical



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Test Band = NSA 7A-n5A_ TM1
Test Channel = High

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.19	-48.21	25.37	-74.90	-13.00	61.90	244	4	Horizontal
2	2490.2700	42.34	-47.29	27.74	-72.47	-13.00	59.47	156	26	Horizontal
3	3320.3600	42.67	-46.65	29.53	-69.71	-13.00	56.71	132	318	Horizontal
4	4150.4500	41.23	-45.93	31.03	-68.93	-13.00	55.93	180	93	Horizontal
5	4980.5400	41.60	-45.77	32.83	-66.60	-13.00	53.60	171	225	Horizontal
6	5810.6300	39.49	-44.69	33.77	-66.69	-13.00	53.69	192	331	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.39	-48.21	25.37	-74.70	-13.00	61.70	274	188	Vertical
2	2490.2700	42.36	-47.29	27.74	-72.45	-13.00	59.45	184	4	Vertical
3	3320.3600	43.67	-46.65	29.53	-68.71	-13.00	55.71	176	281	Vertical
4	4150.4500	41.55	-45.93	31.03	-68.61	-13.00	55.61	192	335	Vertical
5	4980.5400	40.70	-45.77	32.83	-67.50	-13.00	54.50	158	214	Vertical
6	5810.6300	39.82	-44.69	33.77	-66.36	-13.00	53.36	173	162	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT -PI2BPSK	M	Outer_Full	VH	NT	0.500000	0.000598	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	VN	NT	2.200000	0.002630	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	VL	NT	3.600000	0.004304	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	VH	NT	-1.600000	-0.001913	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	VN	NT	-0.400000	-0.000478	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	VL	NT	-3.600000	-0.004304	±2.5	PASS



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Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	-30	-0.100000	-0.000120	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	-20	2.100000	0.002510	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	-10	0.100000	0.000120	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	0	3.400000	0.004065	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	10	0.500000	0.000598	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	20	3.000000	0.003586	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	30	5.200000	0.006216	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	40	2.600000	0.003108	±2.5	PASS
N5	15	20	DFT -PI2BPSK	M	Outer_Full	NV	50	-0.100000	-0.000120	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	-30	-1.700000	-0.002032	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	-20	-3.700000	-0.004423	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	-10	-3.000000	-0.003586	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	0	-3.700000	-0.004423	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	10	-2.700000	-0.003228	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	20	-2.600000	-0.003108	±2.5	PASS



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N5	15	20	CP -QPSK	M	Outer_Full	NV	30	-1.100000	-0.001315	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	40	-3.700000	-0.004423	±2.5	PASS
N5	15	20	CP -QPSK	M	Outer_Full	NV	50	-2.500000	-0.002989	±2.5	PASS

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