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Appendix B.35

NR Band n7



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.52	26.68	33	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.51	26.67	33	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	23.56	26.72	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	23.62	26.78	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	23.7	26.86	33	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	23.51	26.67	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	23.46	26.62	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	23.52	26.68	33	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	22.76	25.92	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	22.44	25.6	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	22.3	25.46	33	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	22.23	25.39	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	19.56	22.72	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	19.69	22.85	33	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	20.06	23.22	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.4	26.56	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.46	26.62	33	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	23.55	26.71	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	23.4	26.56	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Right	23.48	26.64	33	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	23.59	26.75	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	23.3	26.46	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	23.44	26.6	33	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	22.6	25.76	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	22.36	25.52	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Right	22.4	25.56	33	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	22.08	25.24	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	19.52	22.68	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	19.65	22.81	33	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	20.02	23.18	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.36	26.52	33	PASS



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N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.31	26.47	33	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	23.53	26.69	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	23.44	26.6	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	23.63	26.79	33	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	23.46	26.62	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	23.3	26.46	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	23.36	26.52	33	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	22.62	25.78	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	22.27	25.43	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	22.35	25.51	33	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	22	25.16	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Left	20.05	23.21	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	19.53	22.69	33	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	20.01	23.17	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.57	26.73	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.48	26.64	33	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	23.53	26.69	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	23.52	26.68	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	23.57	26.73	33	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	23.57	26.73	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	23.6	26.76	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	23.42	26.58	33	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	22.71	25.87	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	22.52	25.68	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	22.36	25.52	33	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	22.14	25.3	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	19.77	22.93	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	19.59	22.75	33	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	20.17	23.33	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.37	26.53	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.48	26.64	33	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	23.54	26.7	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	23.51	26.67	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Right	23.49	26.65	33	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	23.55	26.71	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	23.37	26.53	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	23.43	26.59	33	PASS



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N7	15	10	DFT-16QAM	M	Outer_Full	22.66	25.82	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Left	22.09	25.25	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Right	22.41	25.57	33	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	22.18	25.34	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	19.49	22.65	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	19.65	22.81	33	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	20.06	23.22	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.48	26.64	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.34	26.5	33	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	23.43	26.59	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	23.41	26.57	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	23.37	26.53	33	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	23.46	26.62	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	23.33	26.49	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	23.25	26.41	33	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	22.59	25.75	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	22.22	25.38	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	22.27	25.43	33	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	22.12	25.28	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Left	19.52	22.68	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	19.51	22.67	33	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	20	23.16	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.71	26.87	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.61	26.77	33	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	23.7	26.86	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	23.87	27.03	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	23.69	26.85	33	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	23.8	26.96	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	23.76	26.92	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	23.44	26.6	33	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	22.91	26.07	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	22.61	25.77	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	22.5	25.66	33	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	22.38	25.54	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	19.91	23.07	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	19.74	22.9	33	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	20.32	23.48	33	PASS



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N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.46	26.62	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.58	26.74	33	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	23.57	26.73	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Left	23.52	26.68	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Right	23.61	26.77	33	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	23.62	26.78	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	23.5	26.66	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	23.58	26.74	33	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	22.79	25.95	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	22.42	25.58	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	22.38	25.54	33	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	22.26	25.42	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	19.63	22.79	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Right	19.67	22.83	33	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	20.25	23.41	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.53	26.69	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.43	26.59	33	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	23.6	26.76	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	23.41	26.57	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	23.63	26.79	33	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	23.62	26.78	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	23.63	26.79	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	23.47	26.63	33	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	22.78	25.94	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	22.36	25.52	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	22.3	25.46	33	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	22.32	25.48	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Left	19.76	22.92	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	19.7	22.86	33	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	20.19	23.35	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.86	27.02	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.74	26.9	33	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	23.86	27.02	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	23.77	26.93	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	23.76	26.92	33	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	23.87	27.03	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	23.75	26.91	33	PASS



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N7	15	20	DFT-16QAM	L	Inner_1RB_Right	23.63	26.79	33	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	22.98	26.14	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	22.54	25.7	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Right	22.57	25.73	33	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	22.44	25.6	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	19.83	22.99	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	19.73	22.89	33	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	20.49	23.65	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.64	26.8	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.67	26.83	33	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	23.76	26.92	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	23.67	26.83	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Right	23.66	26.82	33	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	23.69	26.85	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	23.67	26.83	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	23.61	26.77	33	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	22.8	25.96	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	22.54	25.7	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	22.45	25.61	33	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	22.37	25.53	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	19.82	22.98	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	19.77	22.93	33	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	20.31	23.47	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.54	26.7	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.59	26.75	33	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	23.63	26.79	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	23.61	26.77	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	23.56	26.72	33	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	23.72	26.88	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	23.57	26.73	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	23.58	26.74	33	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	22.82	25.98	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	22.5	25.66	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	22.41	25.57	33	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	22.33	25.49	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Left	19.76	22.92	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	19.66	22.82	33	PASS



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N7	15	20	DFT-256QAM	H	Outer_Full	20.35	23.51	33	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	23.84	27	33	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	23.57	26.73	33	PASS
N7	15	25	DFT-PI2BPSK	L	Outer_Full	23.63	26.79	33	PASS
N7	15	25	DFT-QPSK	L	Inner_1RB_Left	23.87	27.03	33	PASS
N7	15	25	DFT-QPSK	L	Inner_1RB_Right	23.66	26.82	33	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	23.71	26.87	33	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Left	23.82	26.98	33	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Right	23.62	26.78	33	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	22.9	26.06	33	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Left	22.62	25.78	33	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Right	22.45	25.61	33	PASS
N7	15	25	DFT-64QAM	L	Outer_Full	22.32	25.48	33	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Left	19.95	23.11	33	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Right	19.73	22.89	33	PASS
N7	15	25	DFT-256QAM	L	Outer_Full	20.29	23.45	33	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	23.64	26.8	33	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	23.65	26.81	33	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	23.63	26.79	33	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Left	23.73	26.89	33	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Right	23.67	26.83	33	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	23.62	26.78	33	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Left	23.61	26.77	33	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Right	23.69	26.85	33	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	22.79	25.95	33	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Left	22.45	25.61	33	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Right	22.51	25.67	33	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	22.21	25.37	33	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Left	19.72	22.88	33	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Right	19.78	22.94	33	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	20.23	23.39	33	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	23.62	26.78	33	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	23.57	26.73	33	PASS
N7	15	25	DFT-PI2BPSK	H	Outer_Full	23.69	26.85	33	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Left	23.74	26.9	33	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Right	23.83	26.99	33	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	23.74	26.9	33	PASS



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N7	15	25	DFT-16QAM	H	Inner_1RB_Left	23.65	26.81	33	PASS
N7	15	25	DFT-16QAM	H	Inner_1RB_Right	23.59	26.75	33	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	22.77	25.93	33	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Left	22.48	25.64	33	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Right	22.45	25.61	33	PASS
N7	15	25	DFT-64QAM	H	Outer_Full	22.26	25.42	33	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Left	19.78	22.94	33	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Right	19.68	22.84	33	PASS
N7	15	25	DFT-256QAM	H	Outer_Full	20.22	23.38	33	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.86	27.02	33	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.58	26.74	33	PASS
N7	15	30	DFT-PI2BPSK	L	Outer_Full	23.64	26.8	33	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Left	23.78	26.94	33	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Right	23.77	26.93	33	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	23.73	26.89	33	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Left	23.75	26.91	33	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Right	23.67	26.83	33	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	22.88	26.04	33	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Left	22.77	25.93	33	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Right	22.49	25.65	33	PASS
N7	15	30	DFT-64QAM	L	Outer_Full	22.39	25.55	33	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Left	19.87	23.03	33	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Right	19.77	22.93	33	PASS
N7	15	30	DFT-256QAM	L	Outer_Full	20.31	23.47	33	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.59	26.75	33	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.57	26.73	33	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	23.58	26.74	33	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Left	23.66	26.82	33	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Right	23.88	27.04	33	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	23.67	26.83	33	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Left	23.51	26.67	33	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Right	23.55	26.71	33	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	22.78	25.94	33	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Left	22.38	25.54	33	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Right	22.44	25.6	33	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	22.32	25.48	33	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Left	19.65	22.81	33	PASS



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N7	15	30	DFT-256QAM	M	Inner_1RB_Right	19.75	22.91	33	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	20.33	23.49	33	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.5	26.66	33	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.5	26.66	33	PASS
N7	15	30	DFT-PI2BPSK	H	Outer_Full	23.64	26.8	33	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Left	23.58	26.74	33	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Right	23.68	26.84	33	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	23.75	26.91	33	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Left	23.61	26.77	33	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Right	23.52	26.68	33	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	22.83	25.99	33	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Left	22.34	25.5	33	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Right	22.41	25.57	33	PASS
N7	15	30	DFT-64QAM	H	Outer_Full	22.37	25.53	33	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Left	19.76	22.92	33	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Right	19.79	22.95	33	PASS
N7	15	30	DFT-256QAM	H	Outer_Full	20.3	23.46	33	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.83	26.99	33	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.69	26.85	33	PASS
N7	15	40	DFT-PI2BPSK	L	Outer_Full	23.76	26.92	33	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Left	23.82	26.98	33	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Right	23.81	26.97	33	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	23.88	27.04	33	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Left	23.7	26.86	33	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Right	23.66	26.82	33	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	22.89	26.05	33	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Left	22.64	25.8	33	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Right	22.57	25.73	33	PASS
N7	15	40	DFT-64QAM	L	Outer_Full	22.47	25.63	33	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Left	19.97	23.13	33	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Right	19.94	23.1	33	PASS
N7	15	40	DFT-256QAM	L	Outer_Full	20.41	23.57	33	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.6	26.76	33	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.7	26.86	33	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	23.68	26.84	33	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Left	23.66	26.82	33	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Right	23.69	26.85	33	PASS



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N7	15	40	DFT-QPSK	M	Outer_Full	23.84	27	33	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Left	23.64	26.8	33	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Right	23.61	26.77	33	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	22.83	25.99	33	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Left	22.42	25.58	33	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Right	22.48	25.64	33	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	22.28	25.44	33	PASS
N7	15	40	DFT-256QAM	M	Inner_1RB_Left	19.71	22.87	33	PASS
N7	15	40	DFT-256QAM	M	Inner_1RB_Right	19.87	23.03	33	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	20.32	23.48	33	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.57	26.73	33	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.54	26.7	33	PASS
N7	15	40	DFT-PI2BPSK	H	Outer_Full	23.65	26.81	33	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Left	23.61	26.77	33	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Right	23.61	26.77	33	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	23.68	26.84	33	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Left	23.55	26.71	33	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Right	23.62	26.78	33	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	22.83	25.99	33	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Left	22.44	25.6	33	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Right	22.33	25.49	33	PASS
N7	15	40	DFT-64QAM	H	Outer_Full	22.24	25.4	33	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Left	19.82	22.98	33	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Right	19.7	22.86	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N7	15	40	DFT-256QAM	L	Outer_Full	6.70	13	PASS
N7	15	40	CP-256QAM	L	Outer_Full	6.70	13	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	6.72	13	PASS
N7	15	40	CP-256QAM	M	Outer_Full	6.69	13	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	6.78	13	PASS
N7	15	40	CP-256QAM	H	Outer_Full	6.82	13	PASS



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Test Graphs



1-N7-PC3-15-40-L-1-DFT-256QAM-Outter_Full-216@
0-17.54-17.54-19~27.5-PASS



1-N7-PC3-15-40-L-2-CP-256QAM-Outter_Full-216@
0-17.52-17.52-19~27.5-PASS



1-N7-PC3-15-40-M-1-DFT-256QAM-Outter_Full-216
@0-17.24-17.24-19~27.5-PASS



1-N7-PC3-15-40-M-2-CP-256QAM-Outter_Full-216
@0-17.22-17.22-19~27.5-PASS



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1-N7-PC3-15-40-H-1-DFT-256QAM-Outer_Full-216
@0-17.11-17.11-19~27.5-PASS



1-N7-PC3-15-40-H-2-CP-256QAM-Outer_Full-216@
0-17.09-17.09-19~27.5-PASS



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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
N7	15	5	DFT-QPSK	M	Outer_Full	4.501	5.180	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.491	5.090	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.481	5.000	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.478	5.070	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.501	5.130	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.493	5.210	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.495	4.980	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.477	5.020	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.46	5.070	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.927	9.760	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.924	9.680	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.957	9.760	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.933	9.660	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.931	9.580	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.299	10.120	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.288	9.980	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.287	10.000	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.3	10.100	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.464	14.490	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.481	14.400	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.549	14.580	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.48	14.580	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.525	14.520	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.172	15.120	PASS
N7	15	15	CP-16QAM	M	Outer_Full	14.183	15.270	PASS
N7	15	15	CP-64QAM	M	Outer_Full	14.202	15.120	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.154	15.030	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.907	19.000	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.938	19.000	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.907	18.760	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.938	18.920	PASS



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N7	15	20	DFT-256QAM	M	Outer_Full	17.907	18.920	PASS
N7	15	20	CP-QPSK	M	Outer_Full	18.989	20.080	PASS
N7	15	20	CP-16QAM	M	Outer_Full	18.95	19.960	PASS
N7	15	20	CP-64QAM	M	Outer_Full	18.966	19.960	PASS
N7	15	20	CP-256QAM	M	Outer_Full	18.988	20.200	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	22.96	24.050	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	22.884	24.000	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	22.89	24.000	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	22.944	23.850	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	22.895	23.850	PASS
N7	15	25	CP-QPSK	M	Outer_Full	23.747	25.000	PASS
N7	15	25	CP-16QAM	M	Outer_Full	23.719	24.750	PASS
N7	15	25	CP-64QAM	M	Outer_Full	23.726	25.000	PASS
N7	15	25	CP-256QAM	M	Outer_Full	23.781	24.900	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	28.564	29.700	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	28.622	29.640	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	28.569	29.760	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	28.588	29.640	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	28.548	29.820	PASS
N7	15	30	CP-QPSK	M	Outer_Full	28.549	29.940	PASS
N7	15	30	CP-16QAM	M	Outer_Full	28.5	29.760	PASS
N7	15	30	CP-64QAM	M	Outer_Full	28.562	29.880	PASS
N7	15	30	CP-256QAM	M	Outer_Full	28.51	29.760	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	38.94	41.120	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	38.714	41.200	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	38.789	41.280	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	38.796	41.200	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	38.691	41.120	PASS
N7	15	40	CP-QPSK	M	Outer_Full	38.826	41.280	PASS
N7	15	40	CP-16QAM	M	Outer_Full	38.729	41.280	PASS
N7	15	40	CP-64QAM	M	Outer_Full	38.771	41.360	PASS
N7	15	40	CP-256QAM	M	Outer_Full	38.666	41.200	PASS



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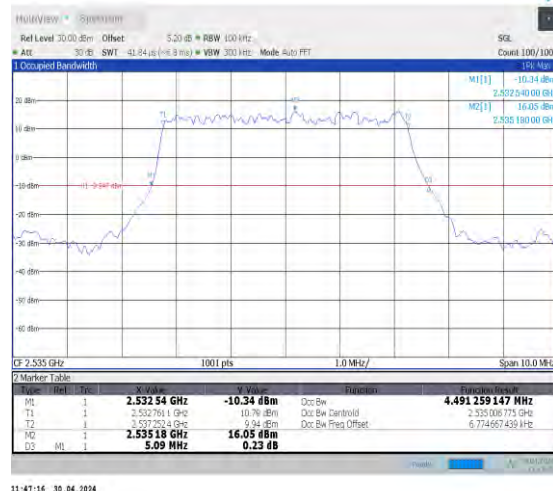
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Test Graphs



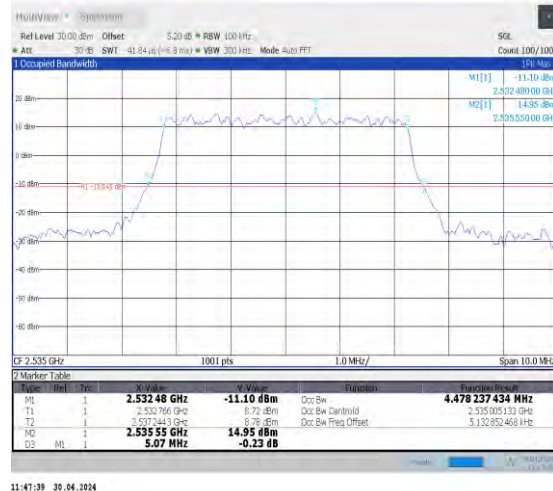
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1-N7-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-A
nt0-4.491-5.090-≤5-PASS



1-N7-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-A
Ant0-4.481-5.000-≤5-PASS



1-N7-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-A
Ant0-4.478-5.070-≤5-PASS



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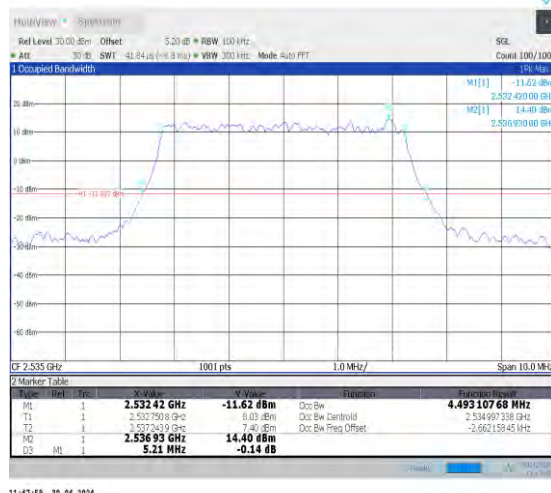
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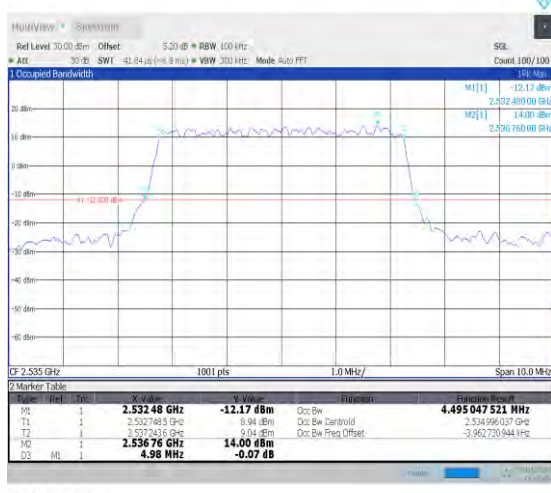
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11:47:59 30.04.2024

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11:48:04 30.04.2024

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11:48:14 30.04.2024

1-N7-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant0-4.477-5.020-≤5-PASS



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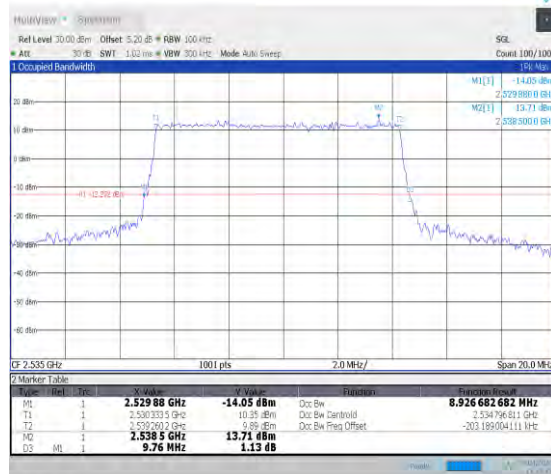
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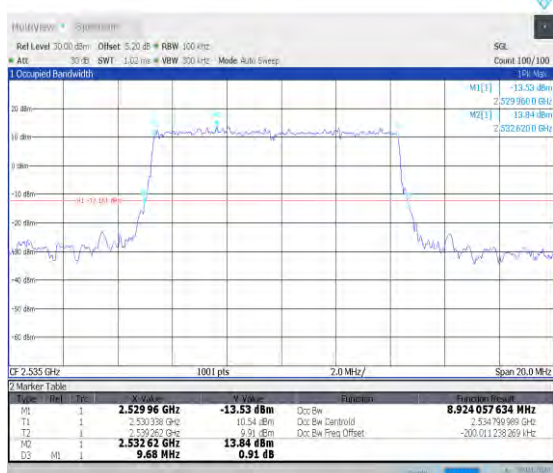
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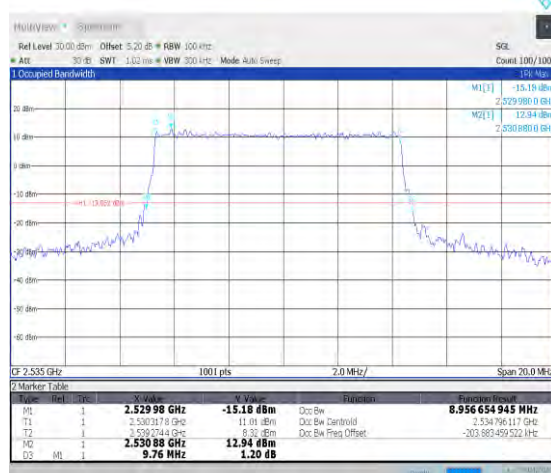
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1-N7-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant0-8.927-9.760-≤10-PASS



11:49:38 30.04.2024



11:49:57 30.04.2024

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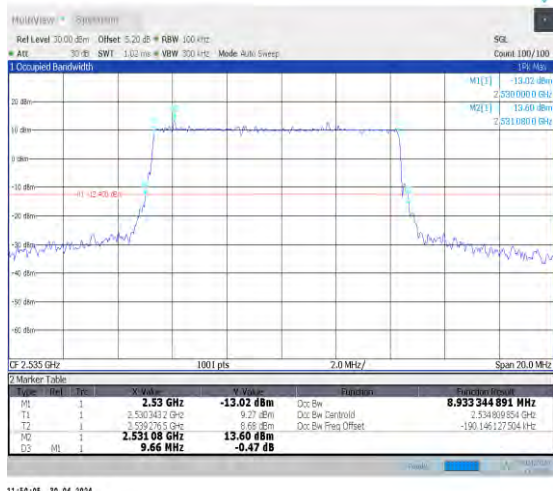
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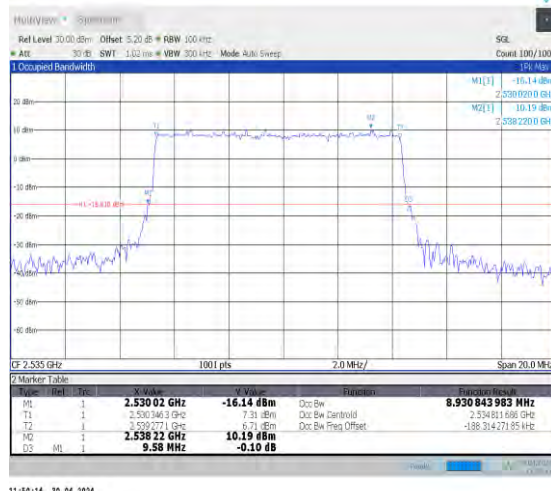
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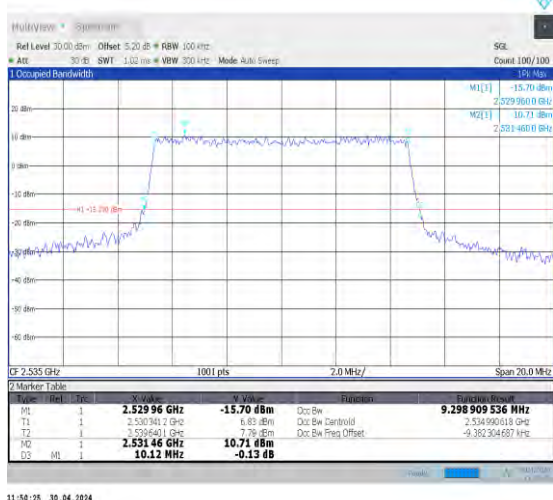
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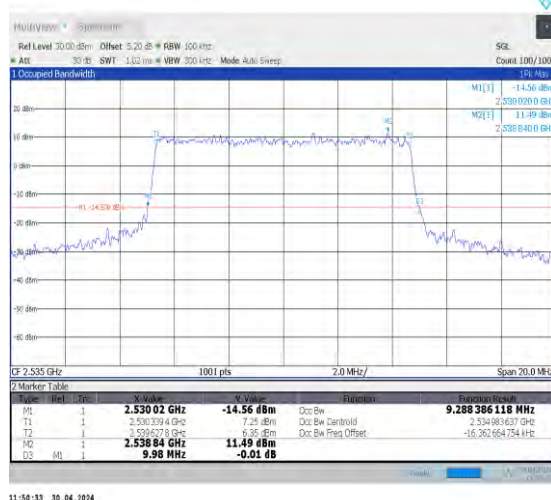
11:50:16 30.04.2024

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1-N7-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0
0-Ant0-8.931-9.580-≤10-PASS



11:50:25 30.04.2024



11:50:33 30.04.2024

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nt0-9.299-10.120-≤10-PASS

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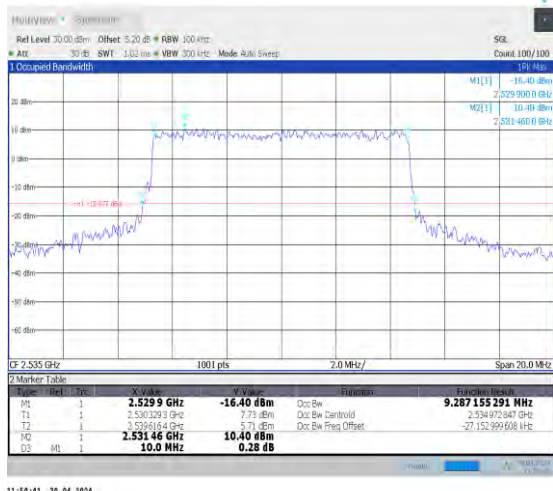
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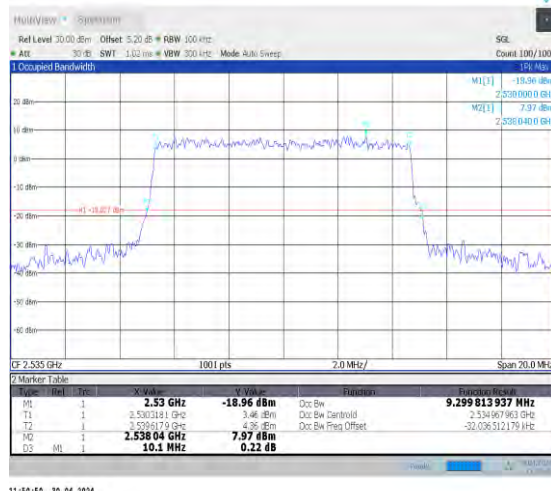
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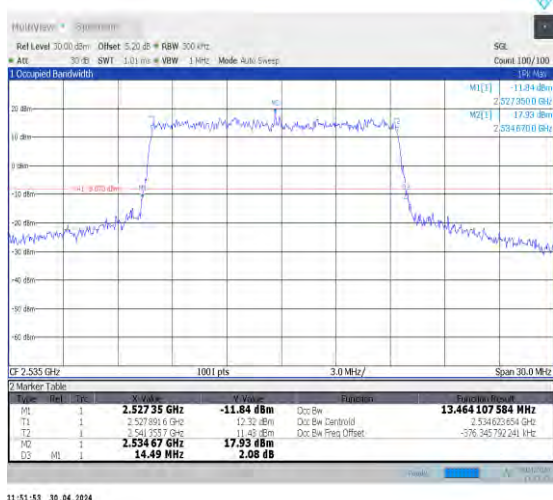
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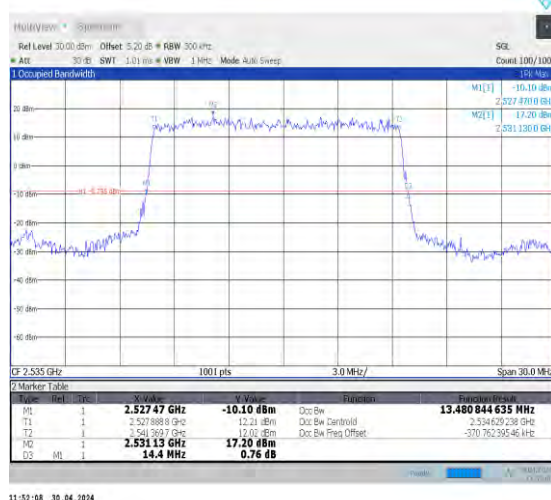
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1-N7-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant0-9.287-10.000-≤10-PASS

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11:51:53 30.04.2024



11:52:08 30.04.2024

1-N7-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant0-13.464-14.490-≤15-PASS

1-N7-PC3-15-15-M-2-DFT-P12BPSK-Outer_Full-75@0-Ant0-13.481-14.400-≤15-PASS



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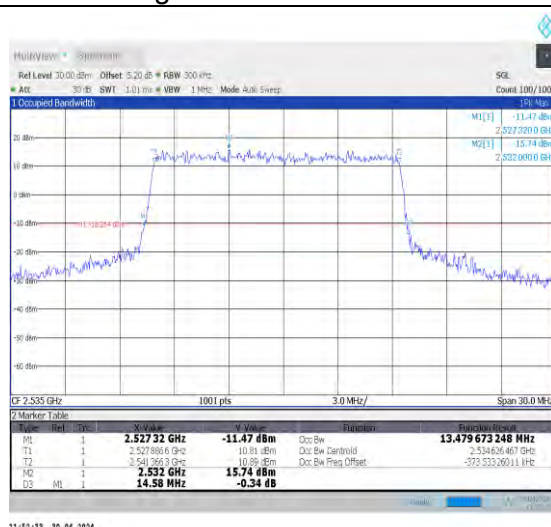
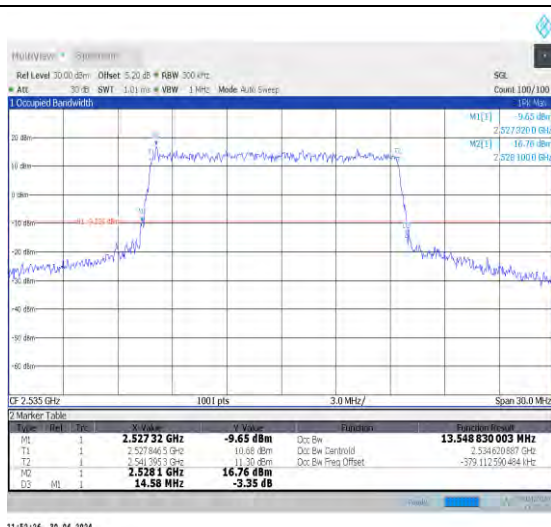
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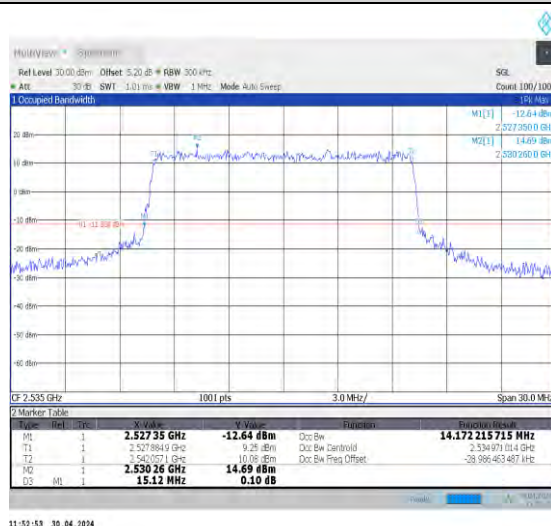
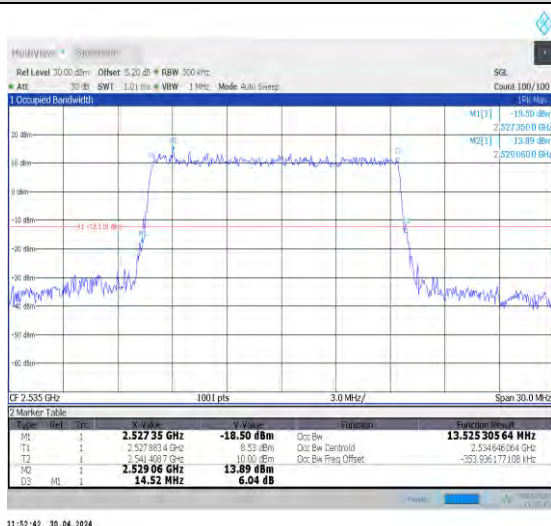
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-Ant0-13.549-14.580-≤15-PASS

1-N7-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0
-Ant0-13.48-14.580-≤15-PASS



1-N7-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0
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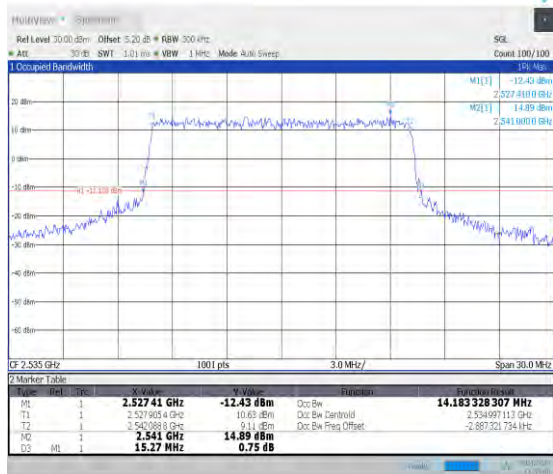
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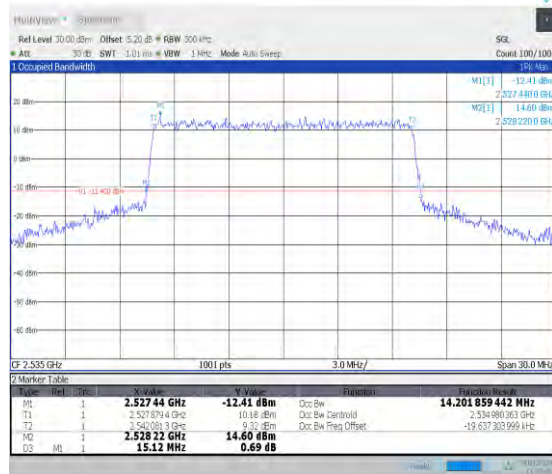
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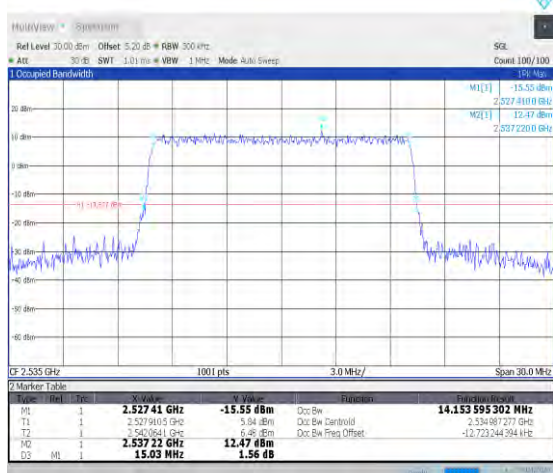
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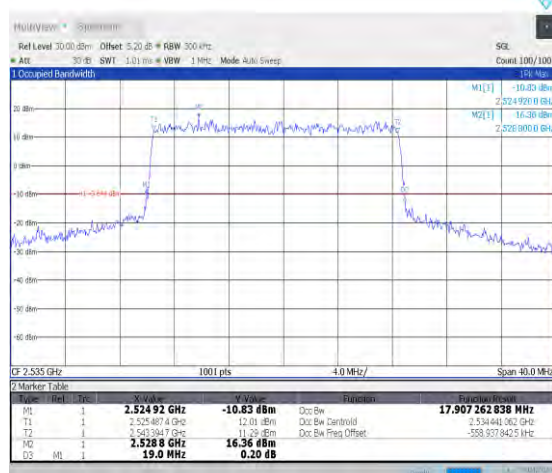
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1-N7-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant0-14.202-15.120-≤15-PASS



11:53:18 30.04.2024



11:54:11 30.04.2024

1-N7-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant0-14.154-15.030-≤15-PASS

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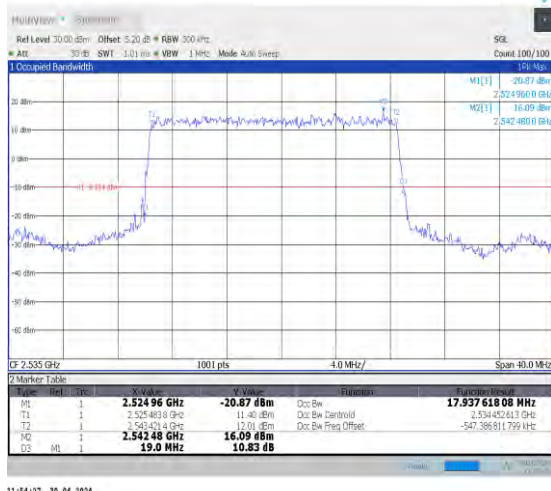
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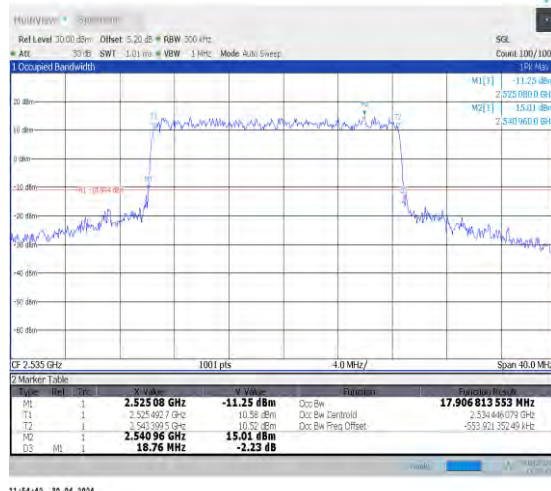
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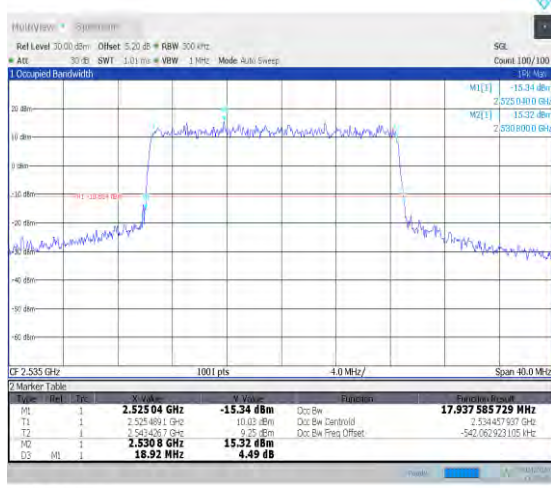
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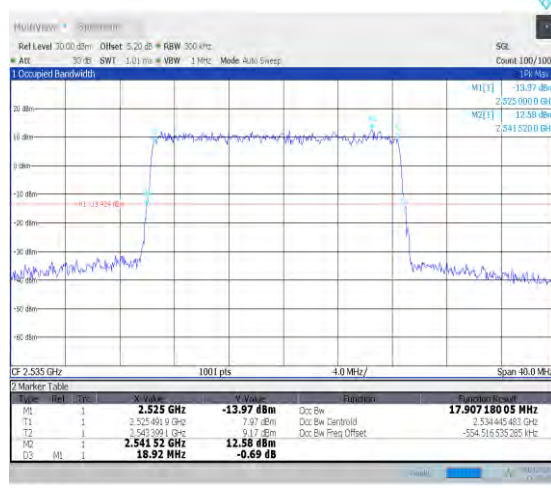
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11:54:50 30.04.2024

1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant0-17.938-18.920-≤20-PASS



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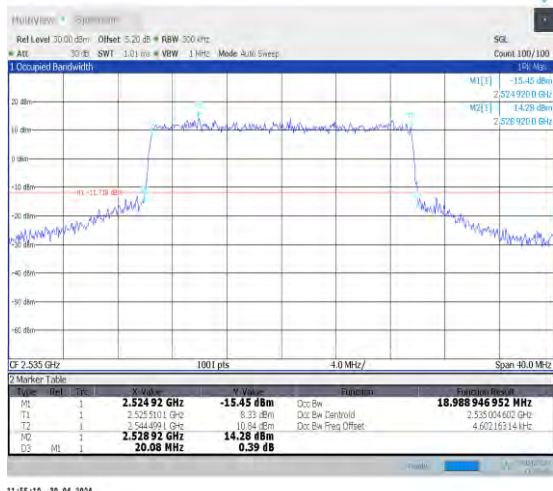
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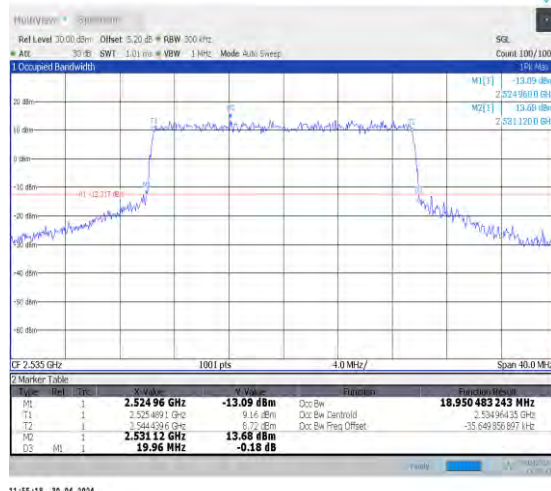
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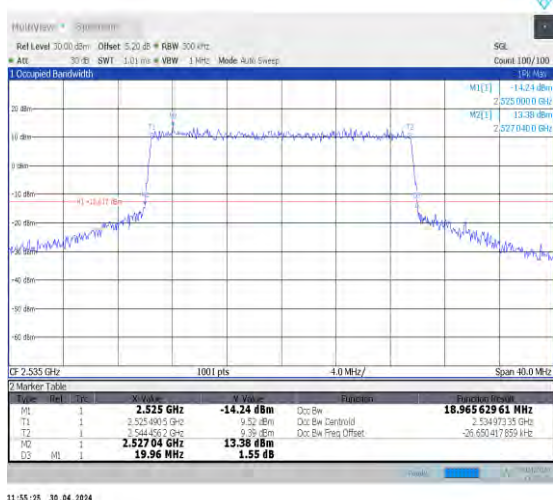
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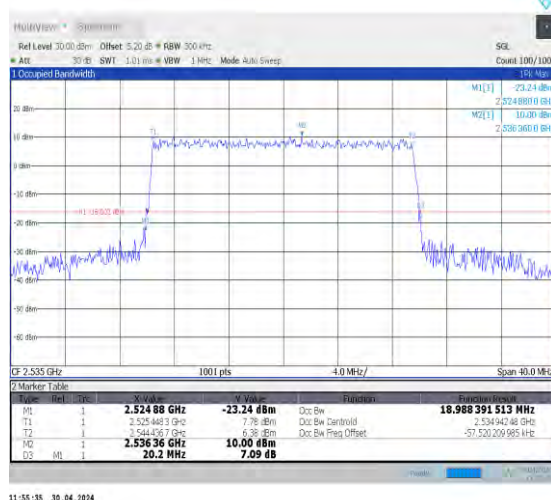
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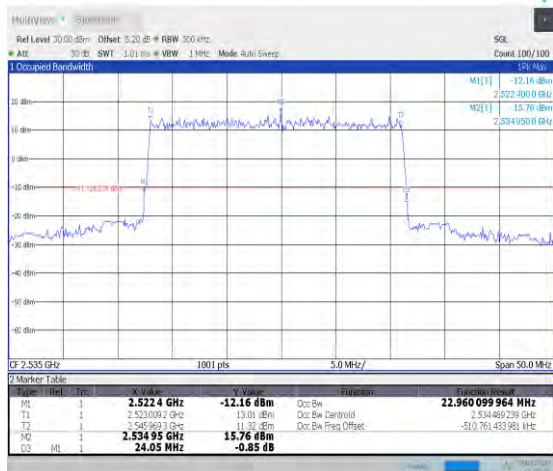
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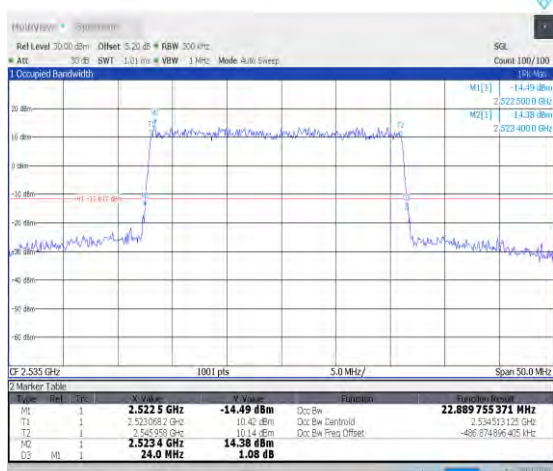
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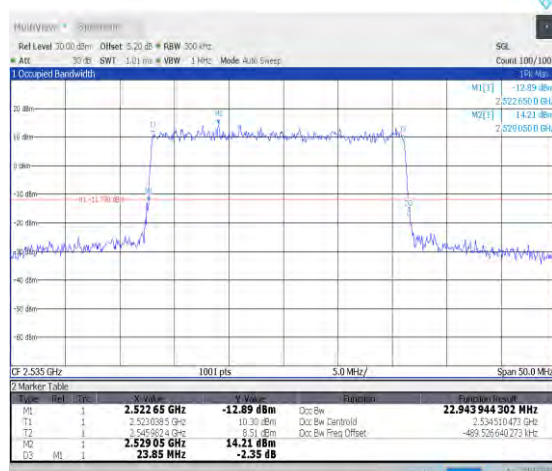
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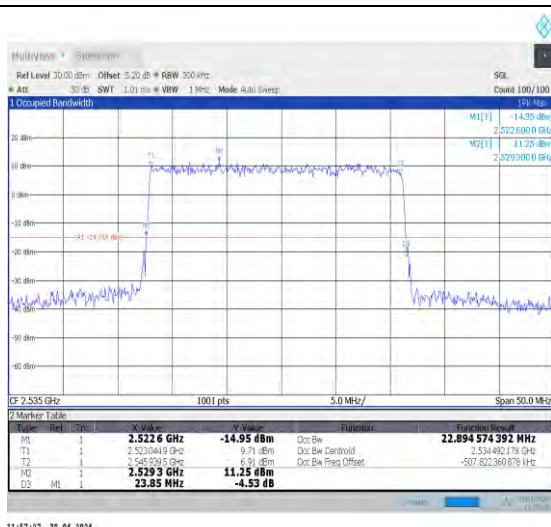
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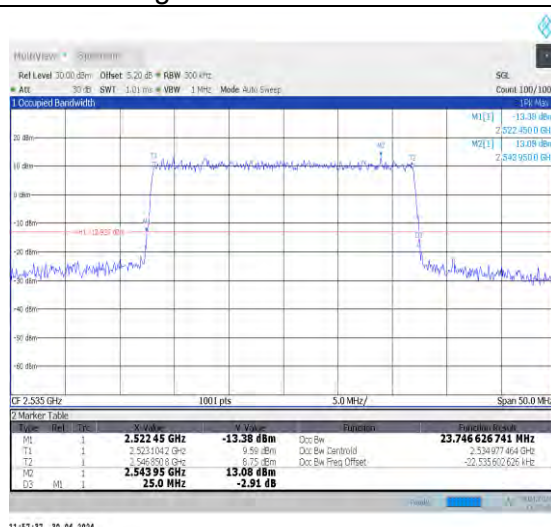
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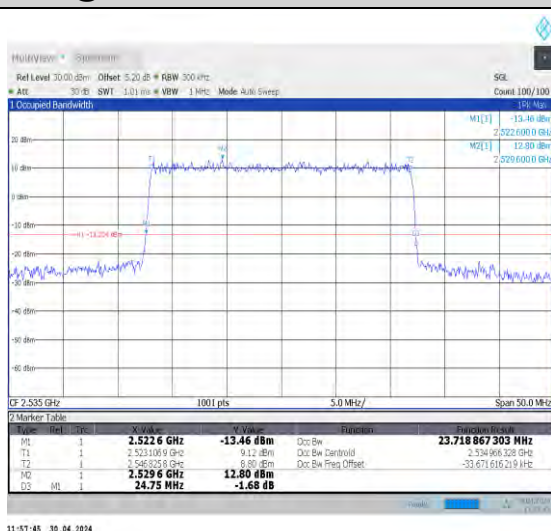
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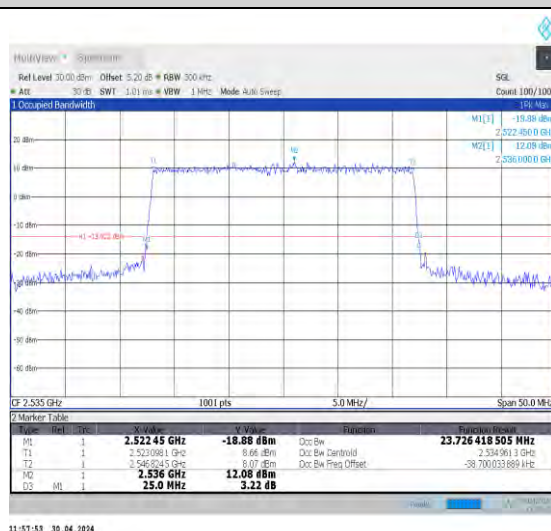
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11:57:53 30.04.2024

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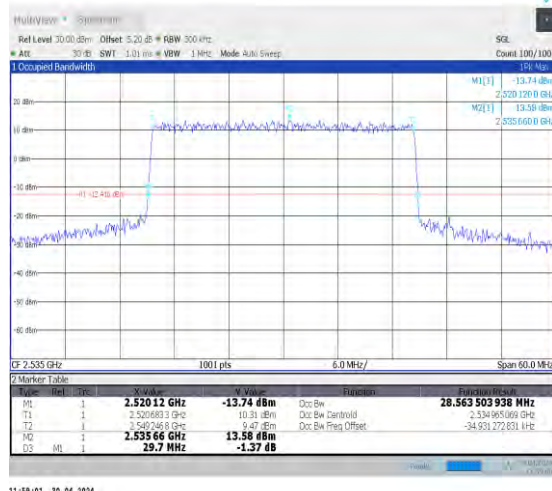
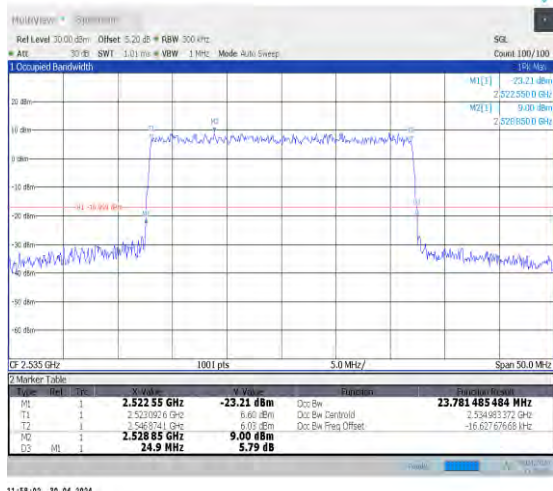
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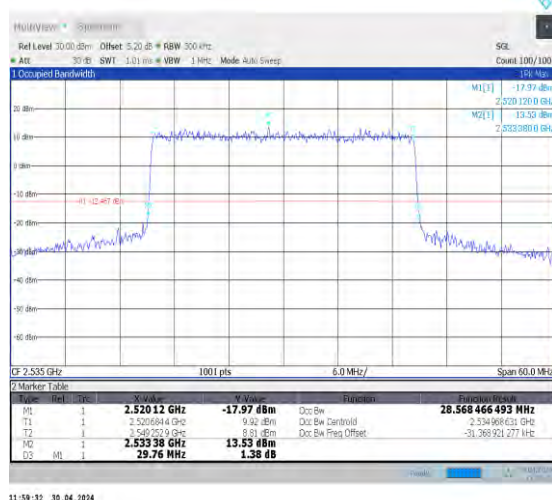
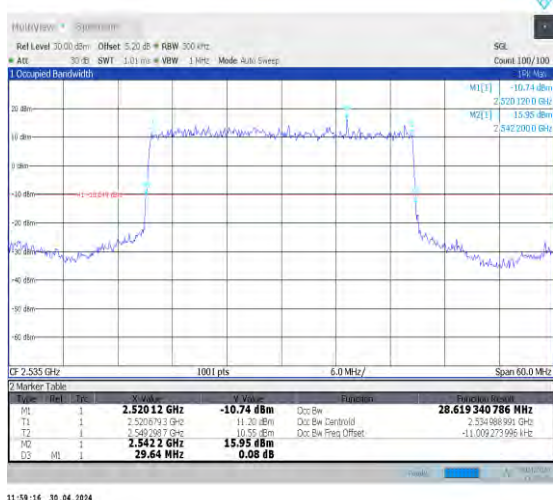
Rev.: 01

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1-N7-PC3-15-25-M-9-CP-256QAM-Outer_Full-133@
0-Ant0-23.781-24.900-≤25-PASS

1-N7-PC3-15-30-M-1-DFT-QPSK-Outer_Full-160@0
-Ant0-28.564-29.700-≤30-PASS



1-N7-PC3-15-30-M-2-DFT-PI2BPSK-Outer_Full-160
@0-Ant0-28.622-29.640-≤30-PASS

1-N7-PC3-15-30-M-3-DFT-16QAM-Outer_Full-160@
0-Ant0-28.569-29.760-≤30-PASS



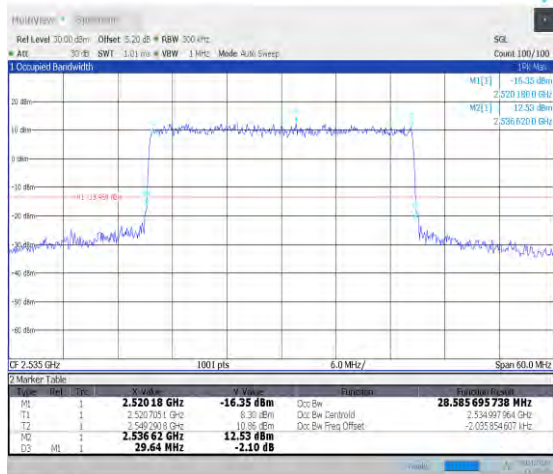
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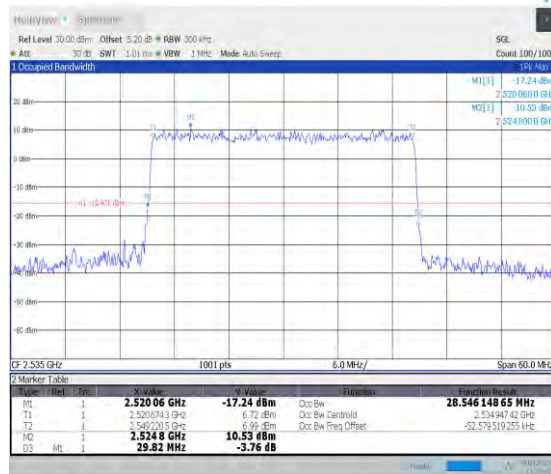
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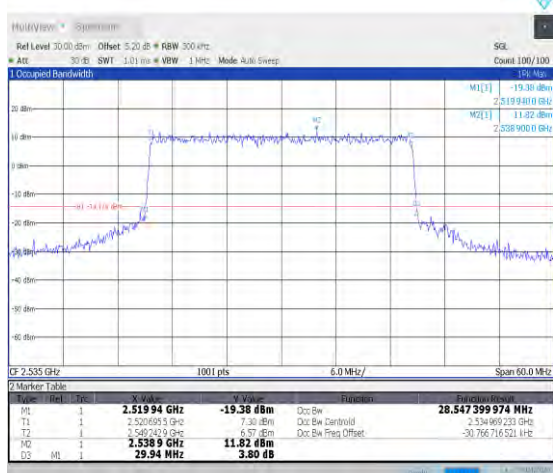
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0-Ant0-28.588-29.640-≤30-PASS



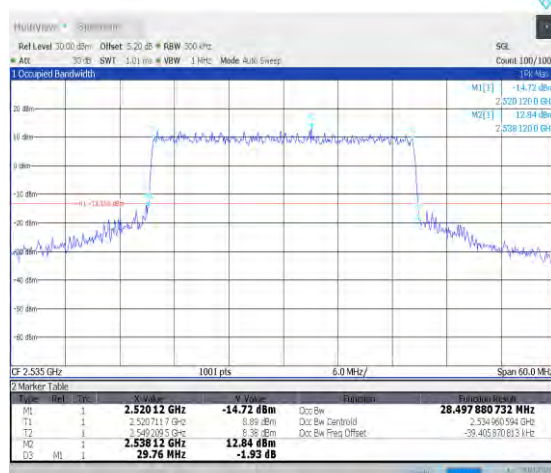
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@0-Ant0-28.548-29.820-≤30-PASS



11:59:59 30.04.2024

1-N7-PC3-15-30-M-6-CP-QPSK-Outer_Full-160@0-
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12:00:07 30.04.2024

1-N7-PC3-15-30-M-7-CP-16QAM-Outer_Full-160@0
-Ant0-28.5-29.760-≤30-PASS



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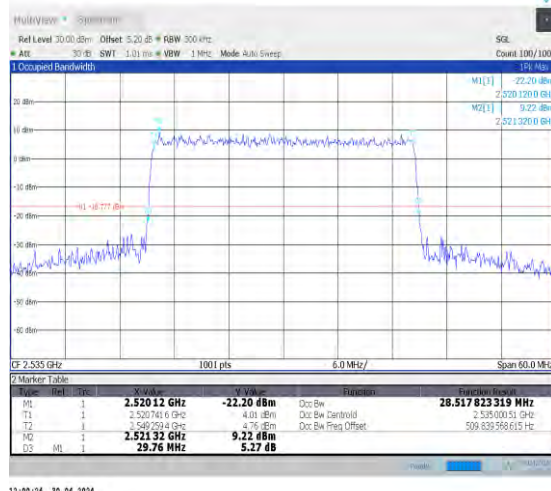
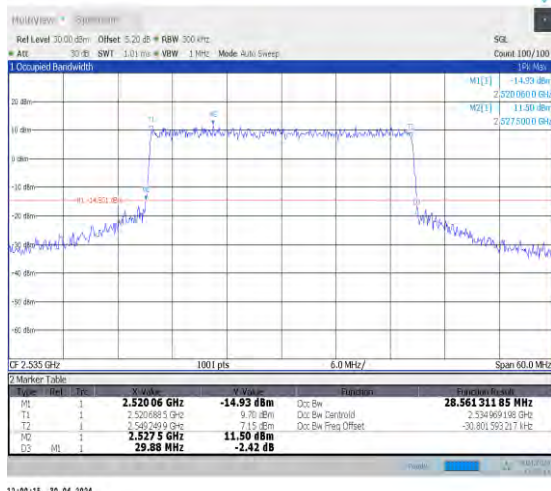
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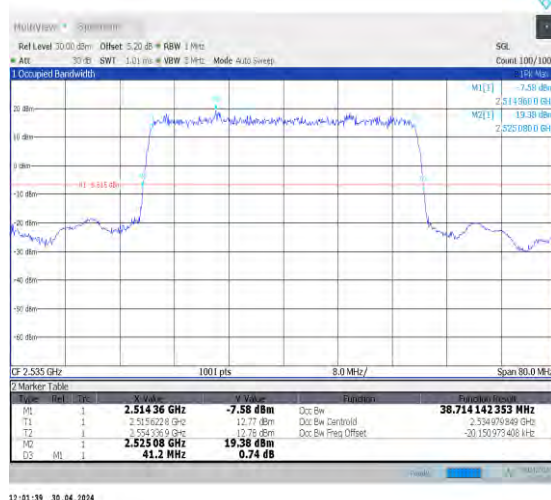
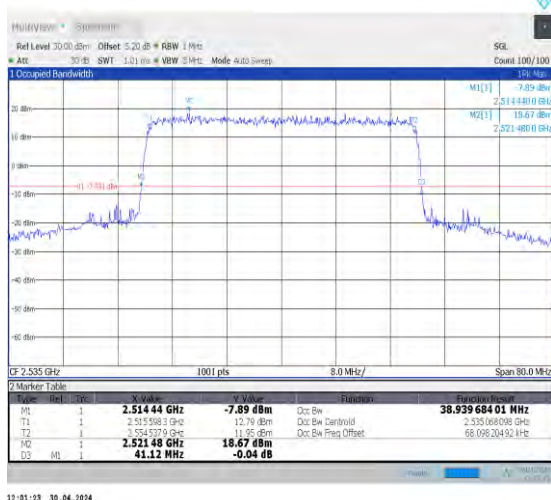
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-Ant0-28.562-29.880-≤30-PASS

1-N7-PC3-15-30-M-9-CP-256QAM-Outer_Full-160@0
-Ant0-28.51-29.760-≤30-PASS



1-N7-PC3-15-40-M-1-DFT-QPSK-Outer_Full-216@0
-Ant0-38.94-41.120-≤40-PASS

1-N7-PC3-15-40-M-2-DFT-PI2BPSK-Outer_Full-216@0
-Ant0-38.714-41.200-≤40-PASS



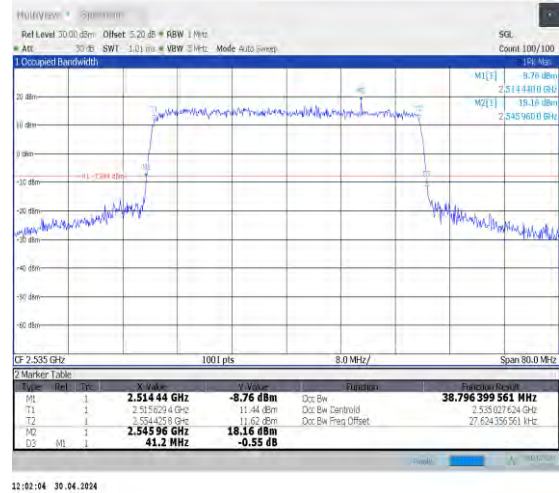
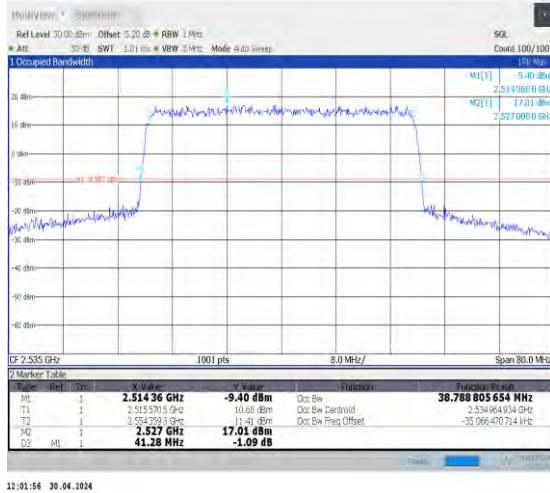
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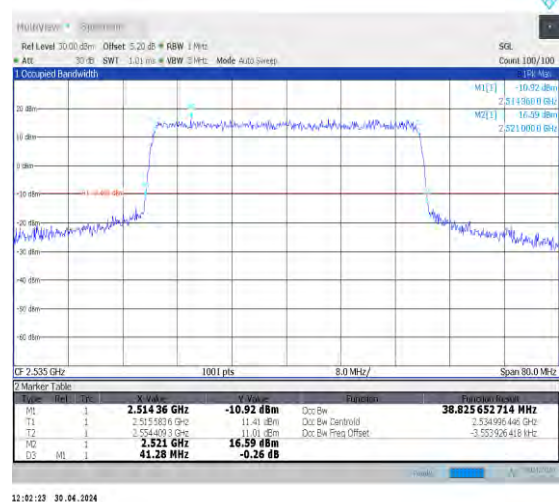
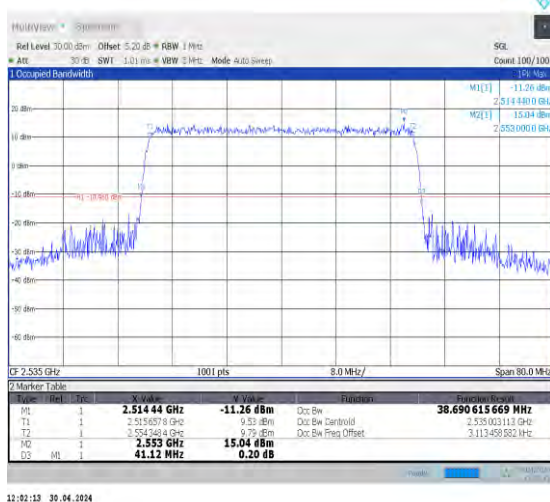
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1-N7-PC3-15-40-M-3-DFT-16QAM-Outer_Full-216@
0-Ant0-38.789-41.280-≤40-PASS

1-N7-PC3-15-40-M-4-DFT-64QAM-Outer_Full-216@
0-Ant0-38.796-41.200-≤40-PASS



1-N7-PC3-15-40-M-5-DFT-256QAM-Outer_Full-216
@0-Ant0-38.691-41.120-≤40-PASS

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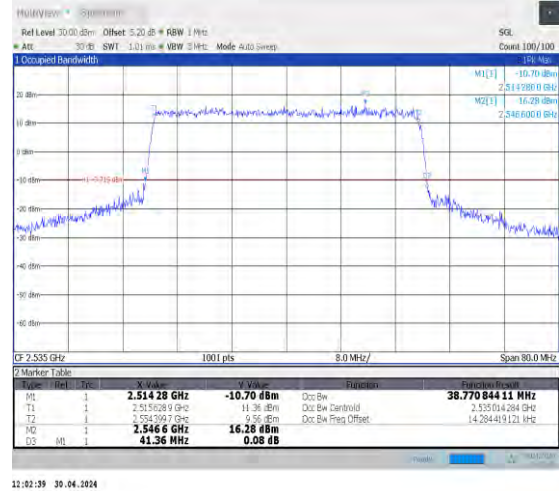
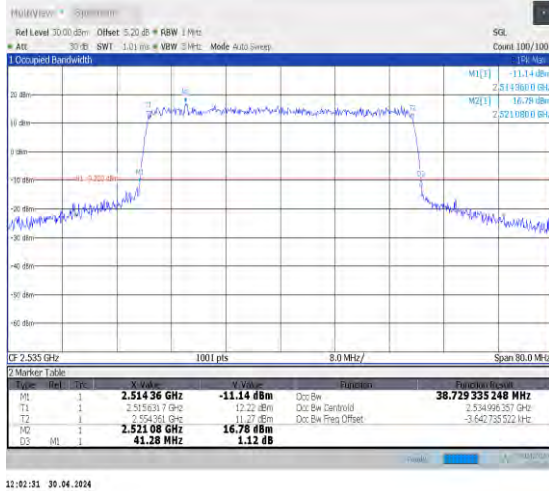
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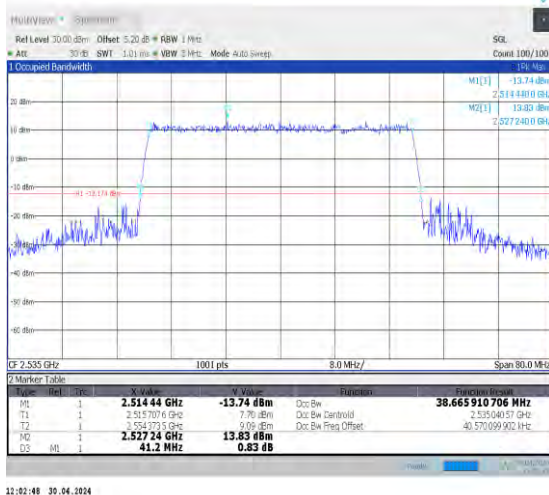
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-Ant0-38.729-41.280-≤40-PASS

1-N7-PC3-15-40-M-8-CP-64QAM-Outer_Full-216@0
-Ant0-38.771-41.360-≤40-PASS



1-N7-PC3-15-40-M-9-CP-256QAM-Outer_Full-216@0
0-Ant0-38.666-41.200-≤40-PASS



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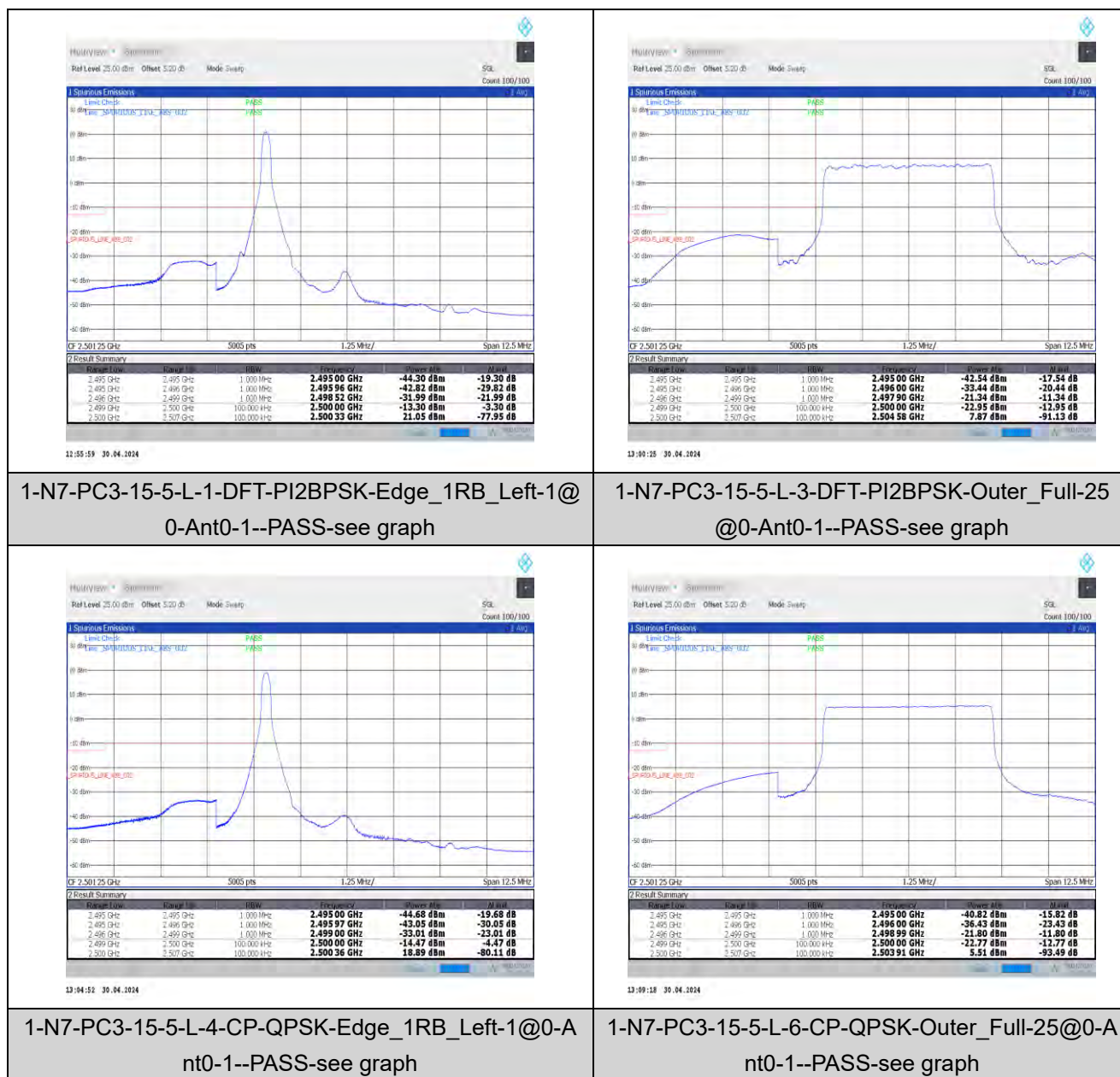
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Band Edge for SA

Test Graphs

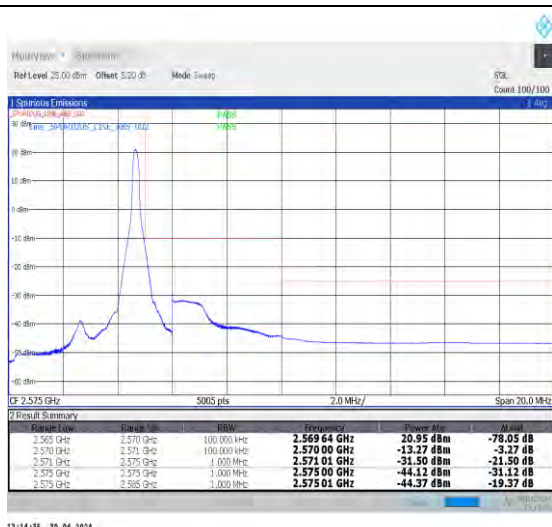


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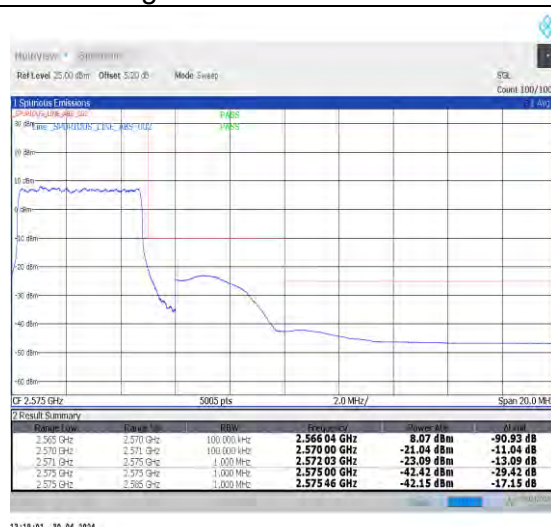
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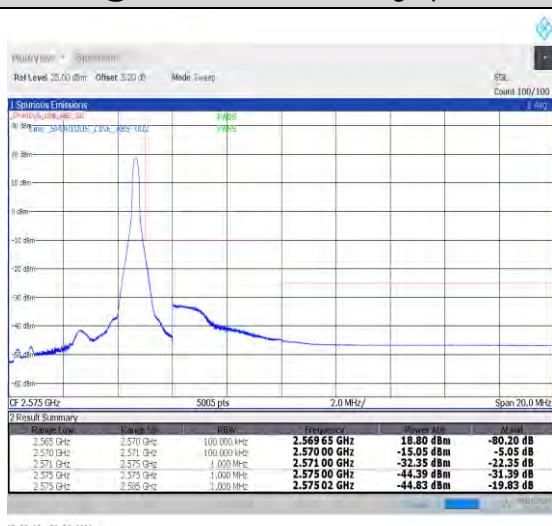
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@24-Ant0-1--PASS-see graph



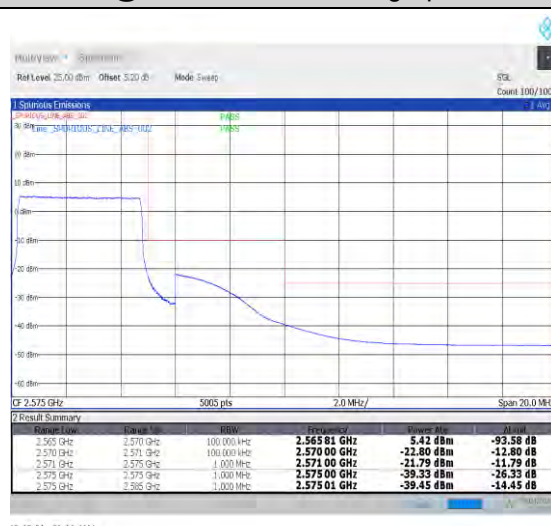
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13:23:29 30.04.2024

1-N7-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@4-Ant0-1--PASS-see graph



13:27:54 30.04.2024

1-N7-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant0-1--PASS-see graph



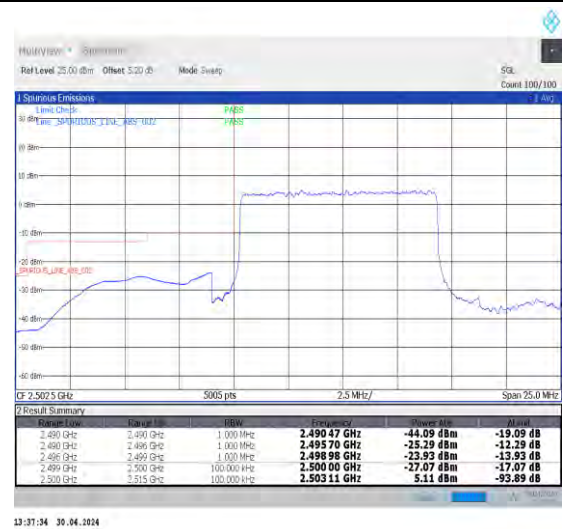
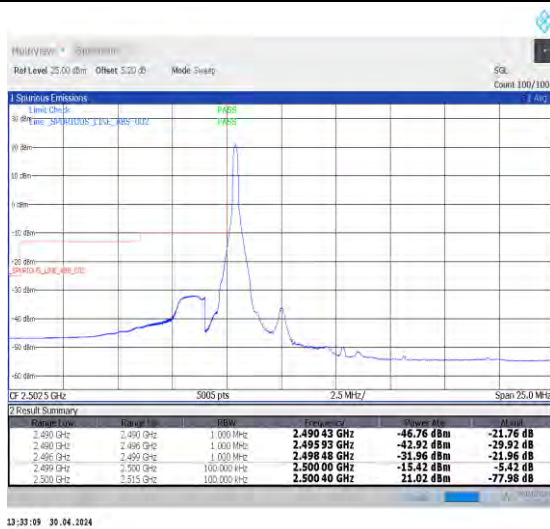
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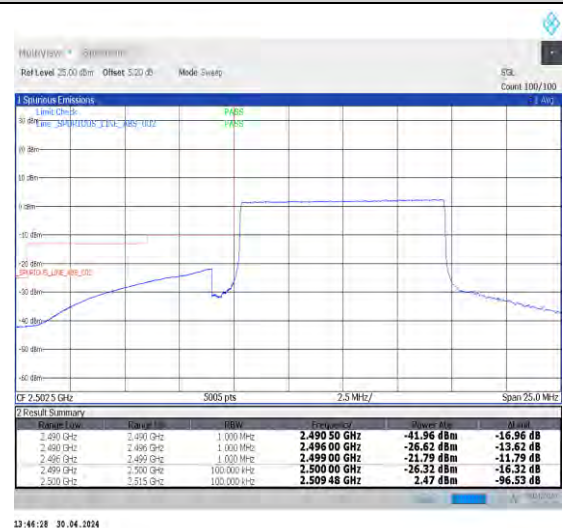
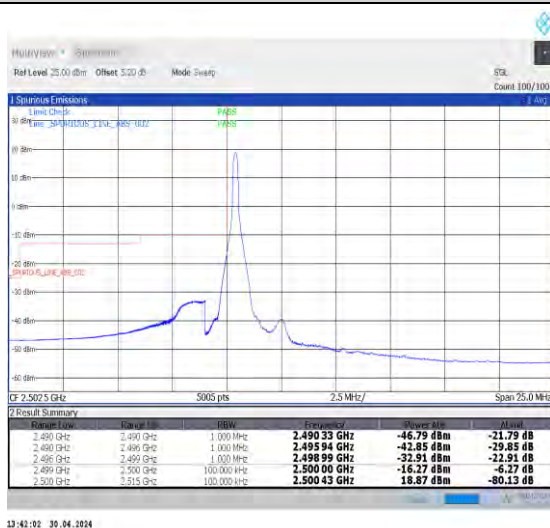
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1-N7-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
@0-Ant0-1--PASS-see graph

1-N7-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50
@0-Ant0-1--PASS-see graph



1-N7-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N7-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-1--PASS-see graph



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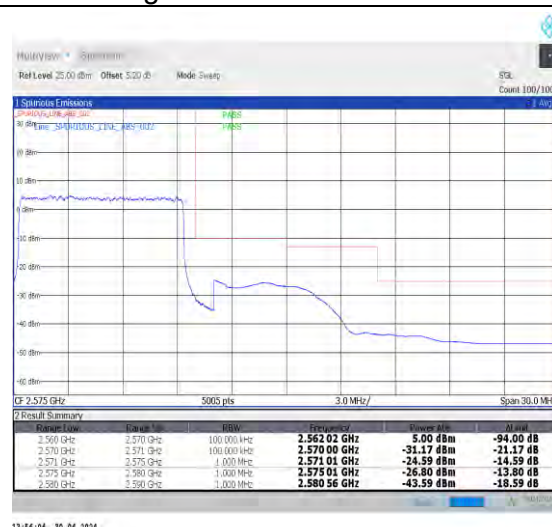
Report No.: SUCR240400008902

Rev.: 01

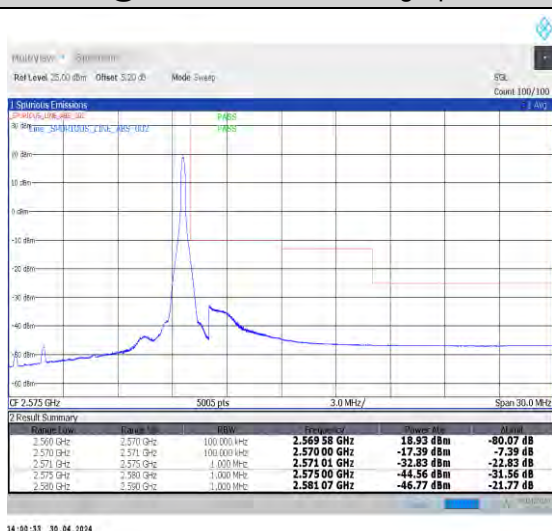
Page: 35 of 61



1-N7-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant0-1--PASS-see graph



1-N7-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph



1-N7-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant0-1--PASS-see graph



1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant0-1--PASS-see graph



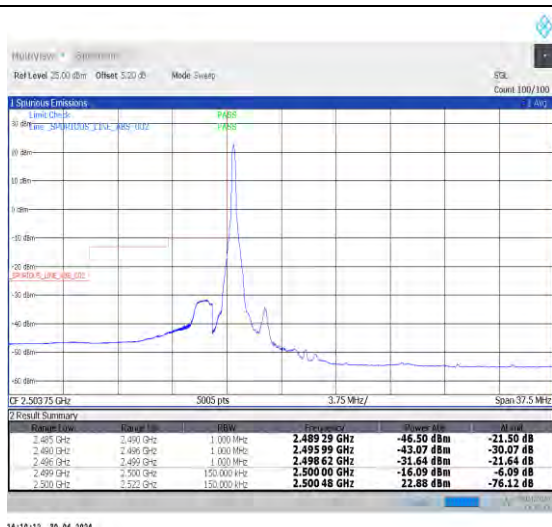
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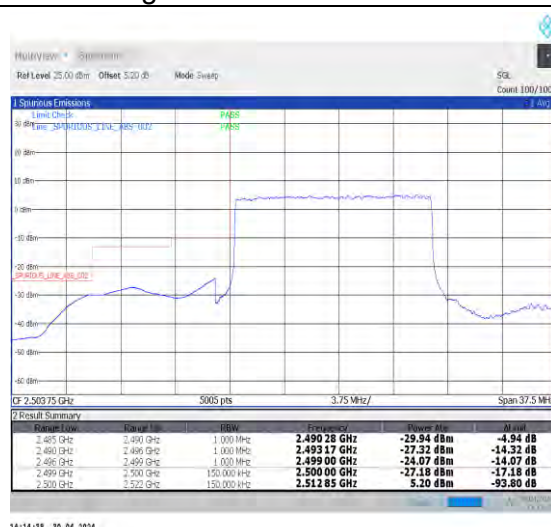
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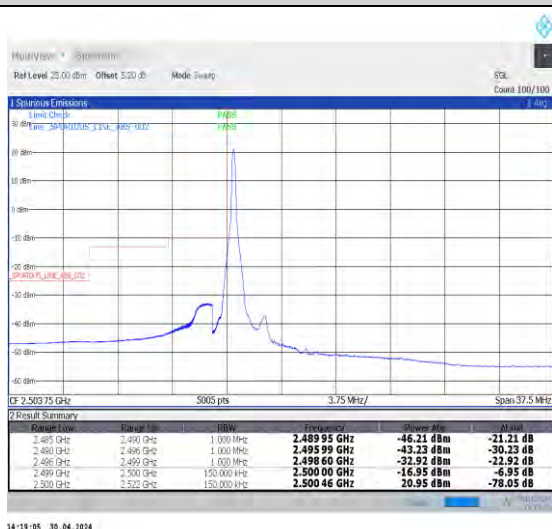
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1-N7-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
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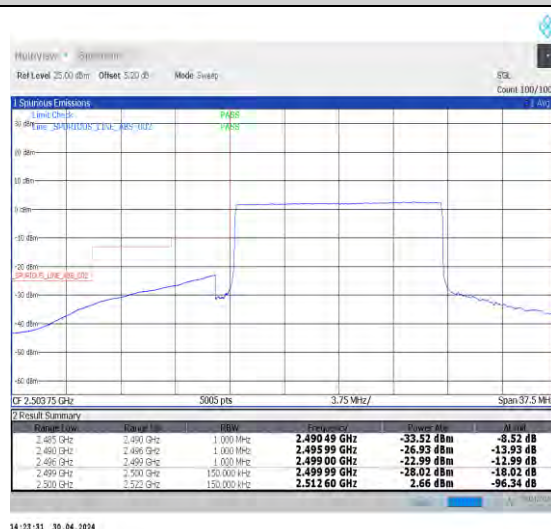
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14:19:05 30.04.2024

1-N7-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-
Ant0-1--PASS-see graph



14:23:31 30.04.2024

1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-
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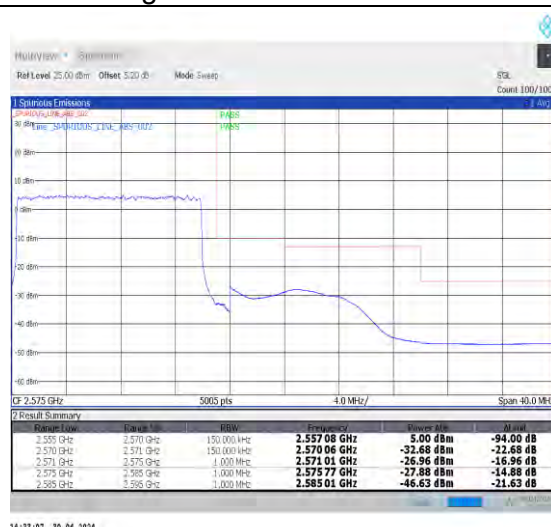
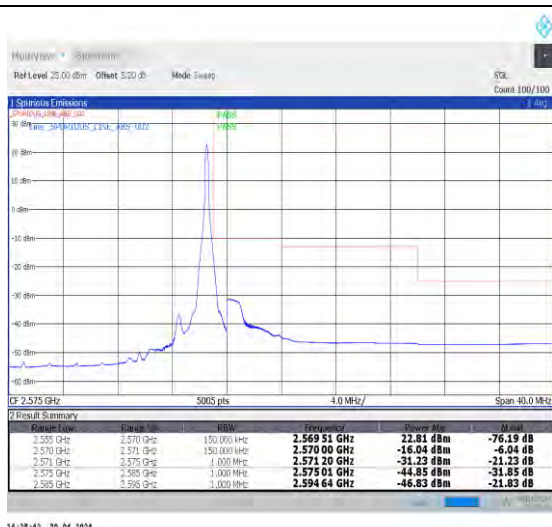
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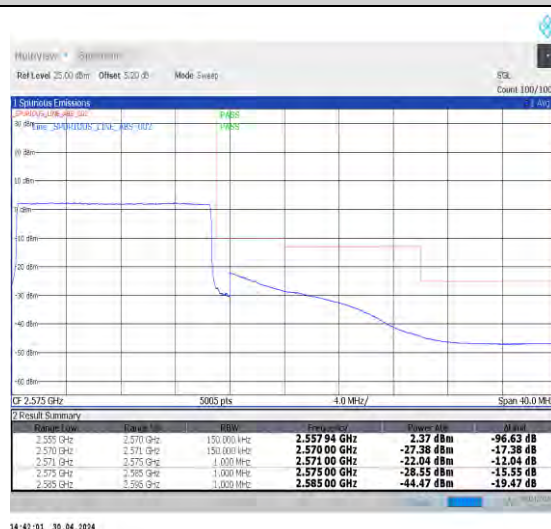
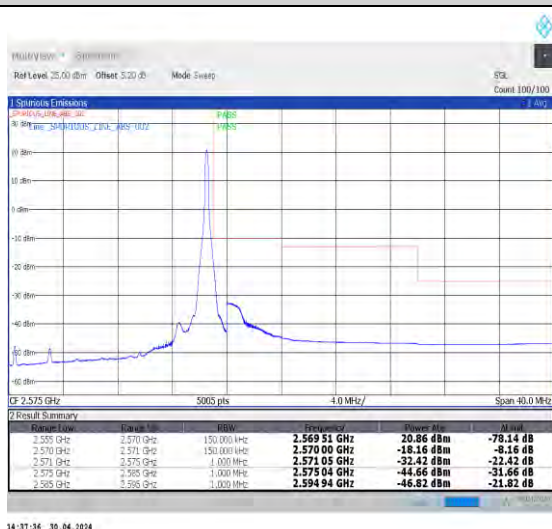
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1-N7-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant0-1--PASS-see graph

1-N7-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N7-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant0-1--PASS-see graph

1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant0-1--PASS-see graph



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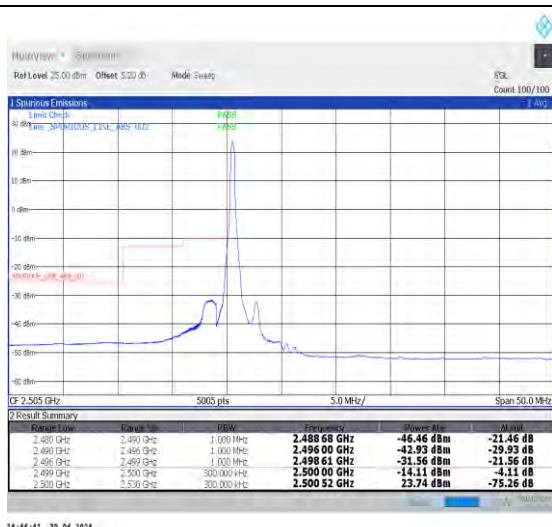
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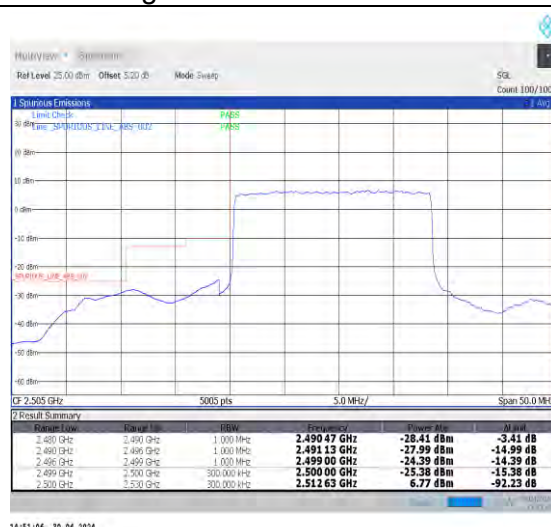
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@0-Ant0-1--PASS-see graph



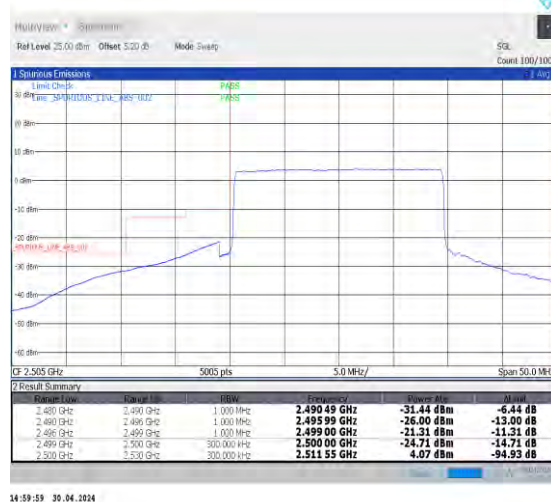
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0@0-Ant0-1--PASS-see graph



14:55:54 30.04.2024

1-N7-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-
Ant0-1--PASS-see graph



14:59:59 30.04.2024

1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@
0-Ant0-1--PASS-see graph



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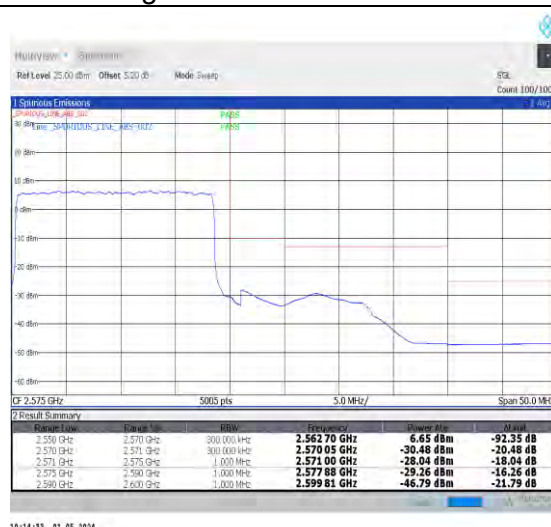
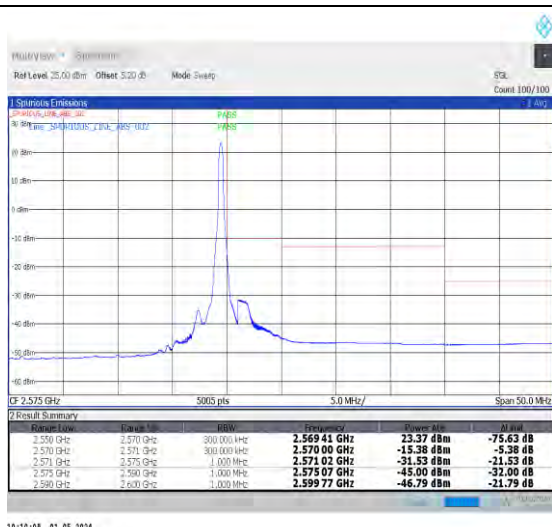
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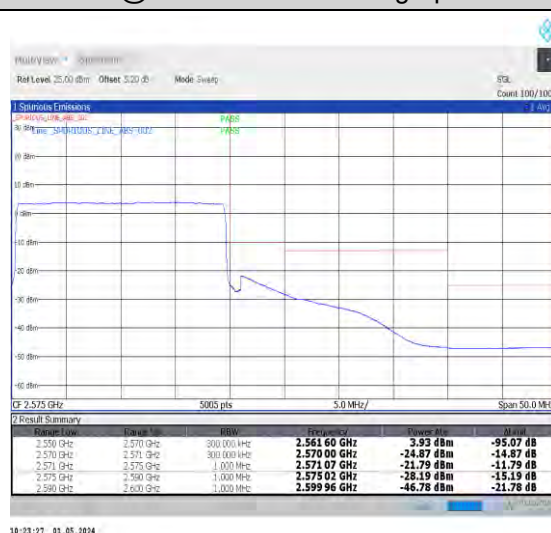
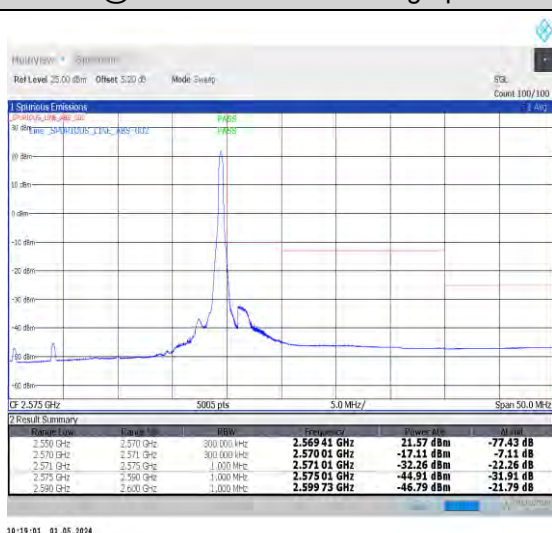
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1-N7-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant0-1--PASS-see graph

1-N7-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1--PASS-see graph



1-N7-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant0-1--PASS-see graph

1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



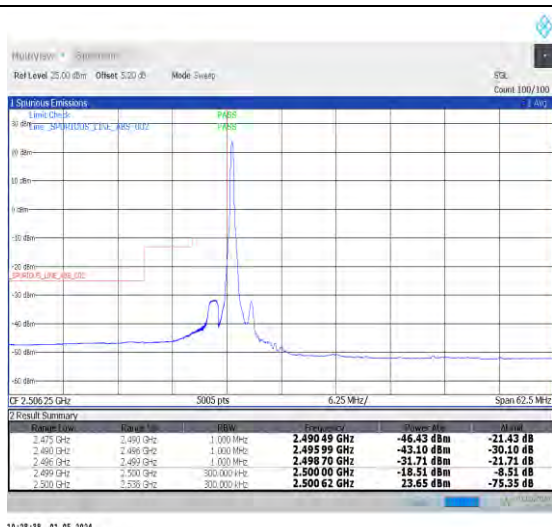
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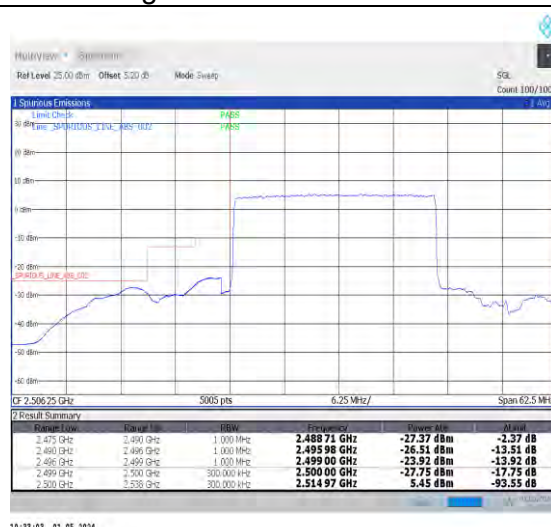
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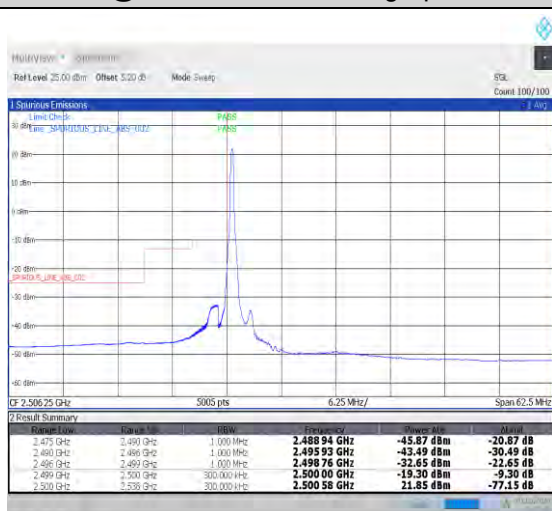
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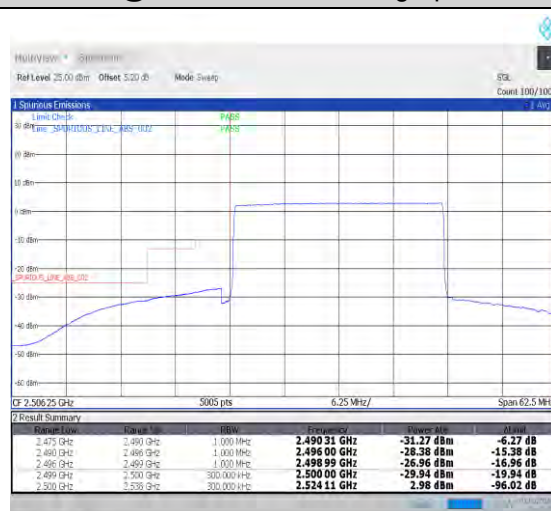
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8@0-Ant0-1--PASS-see graph



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1-N7-PC3-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



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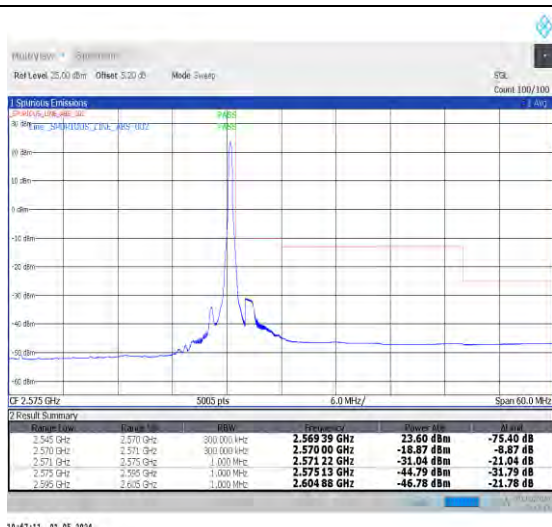
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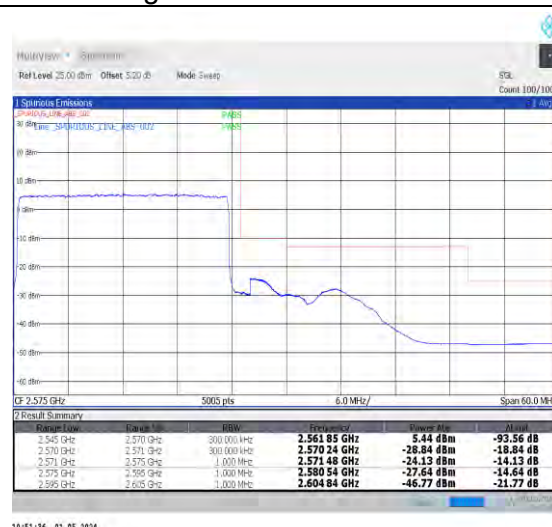
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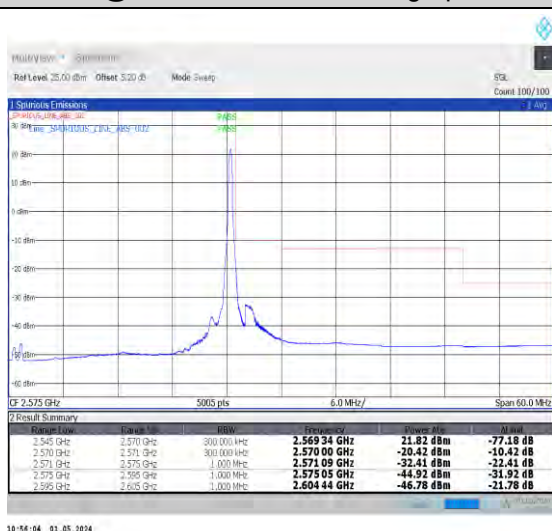
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1-N7-PC3-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant0-1--PASS-see graph



1-N7-PC3-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant0-1--PASS-see graph



1-N7-PC3-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph



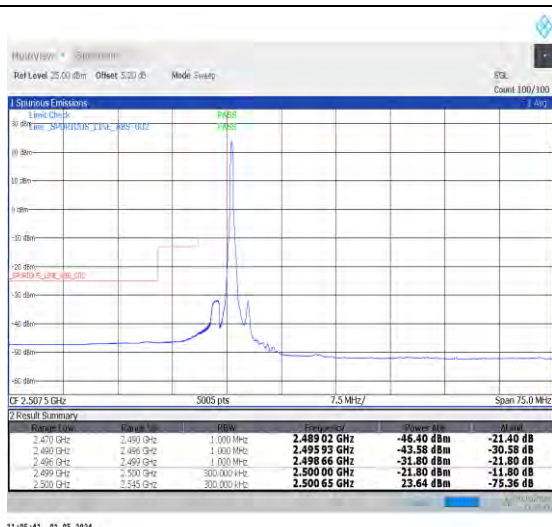
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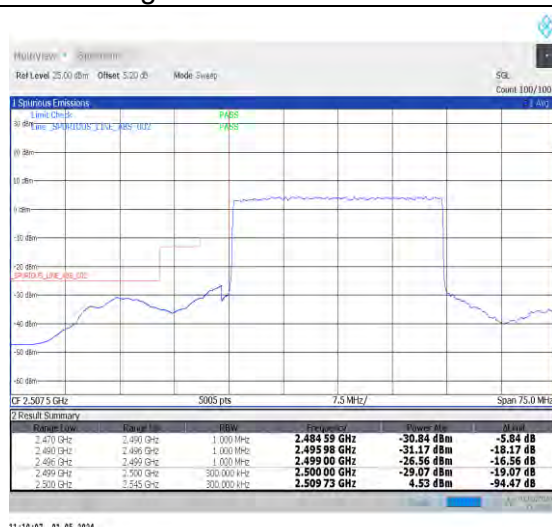
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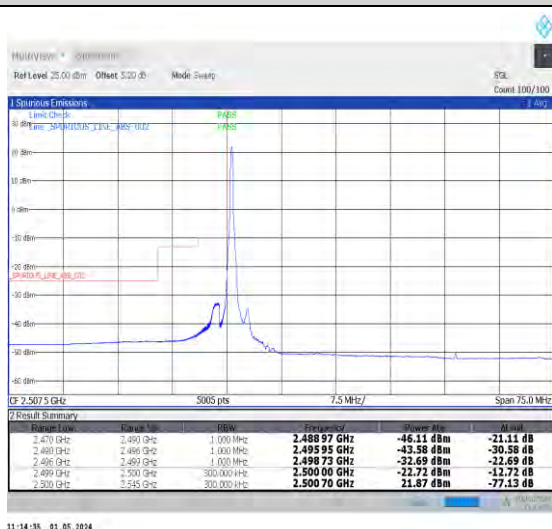
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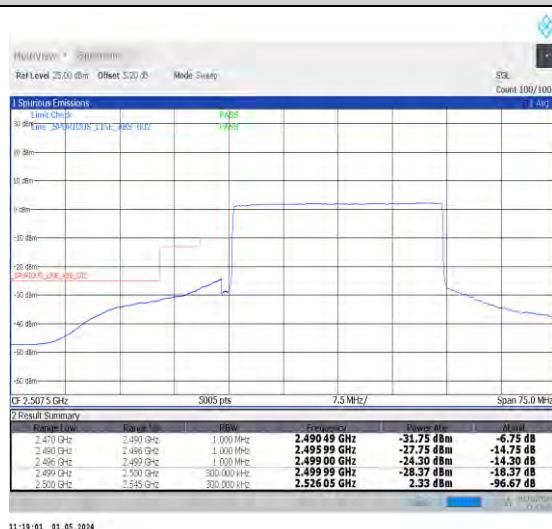
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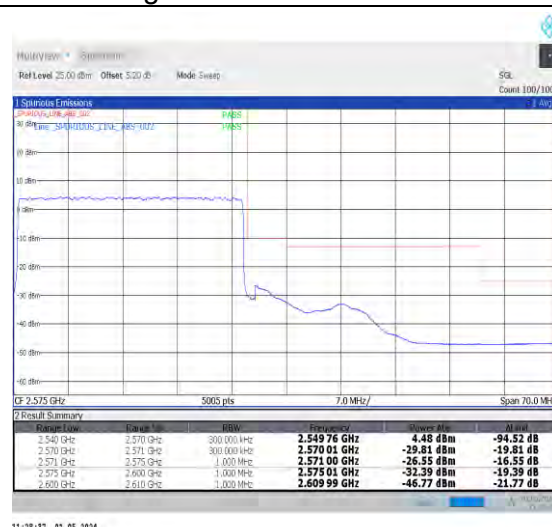
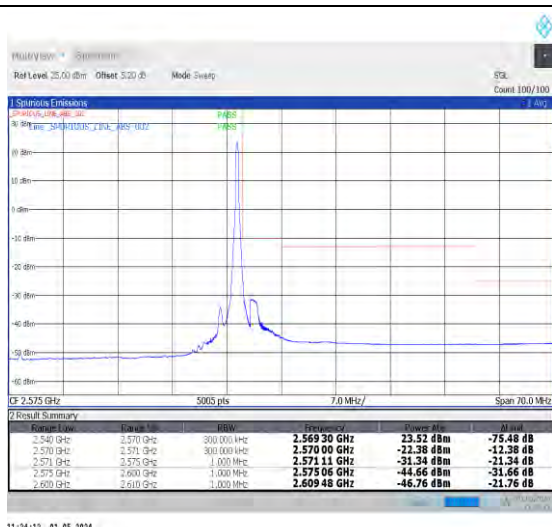
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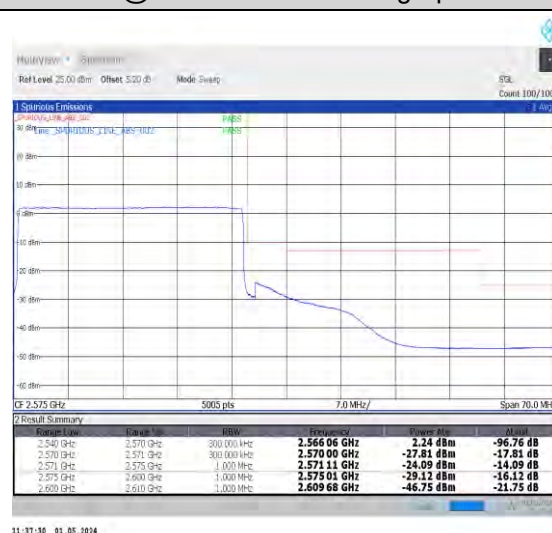
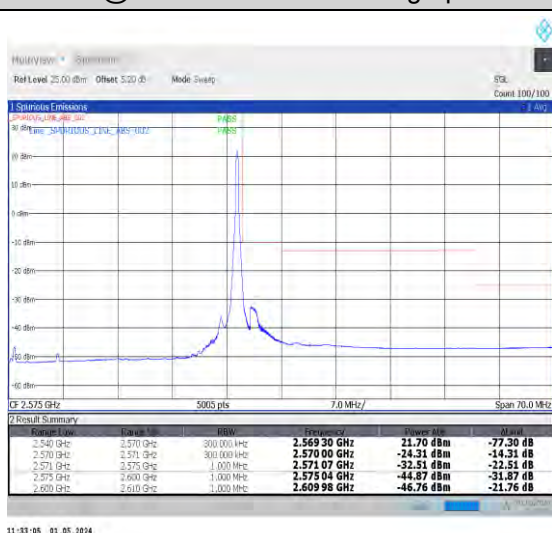
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1-N7-PC3-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant0-1--PASS-see graph

1-N7-PC3-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant0-1--PASS-see graph



1-N7-PC3-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant0-1--PASS-see graph

1-N7-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant0-1--PASS-see graph



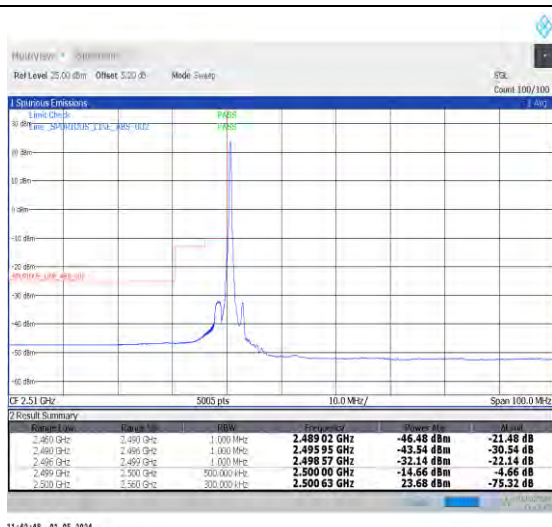
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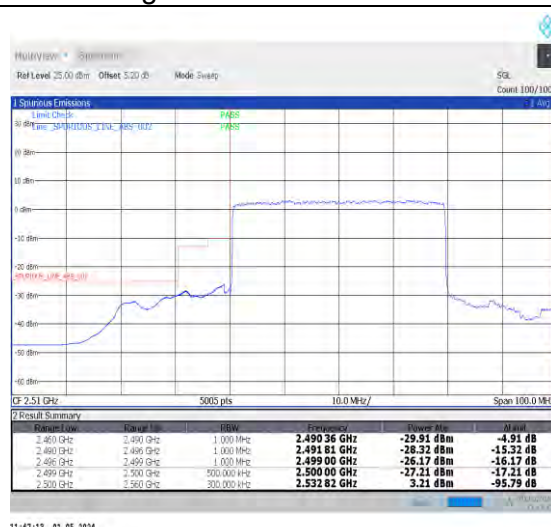
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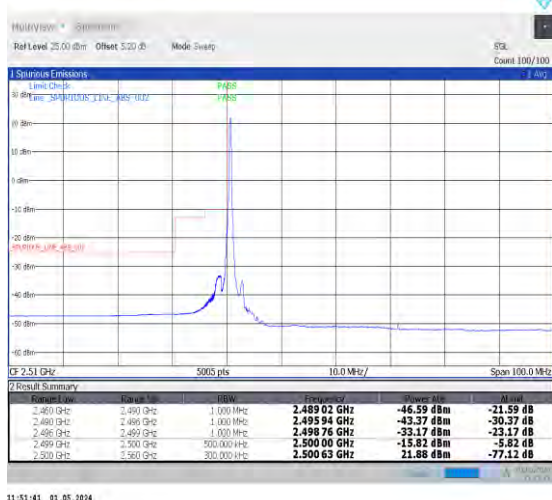
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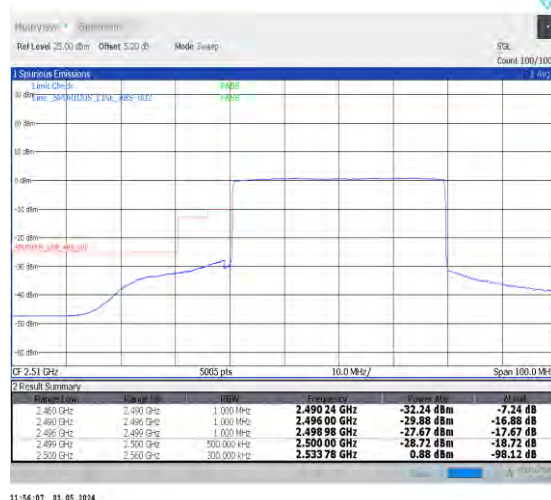
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11:56:07 01.05.2024

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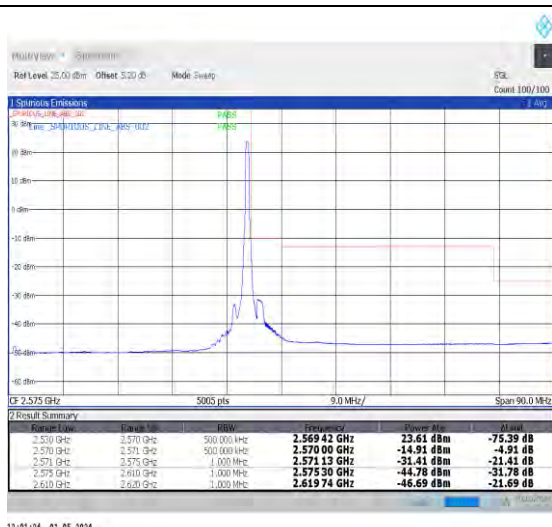
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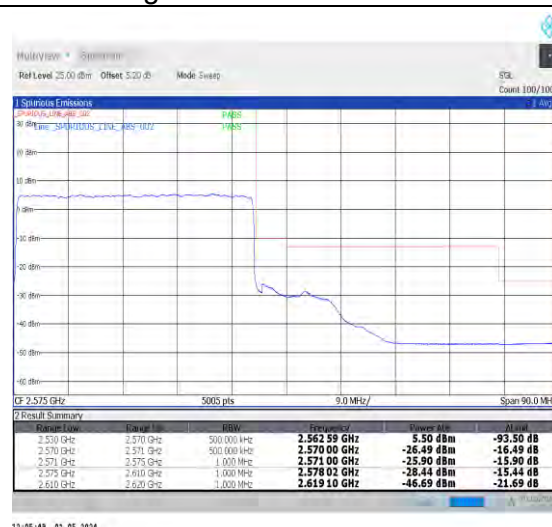
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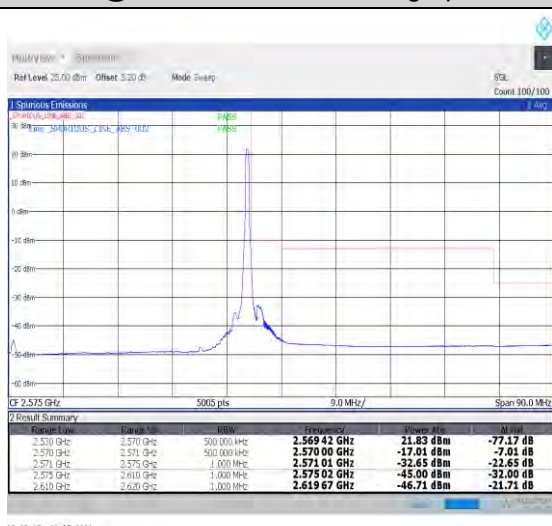
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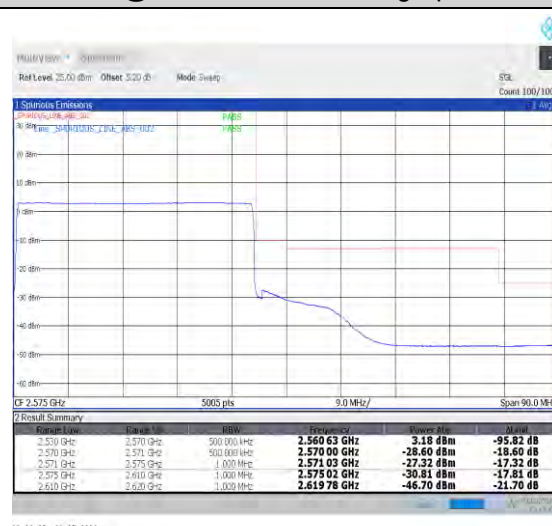
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11:14:43 01.05.2024

1-N7-PC3-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant0-1--PASS-see graph



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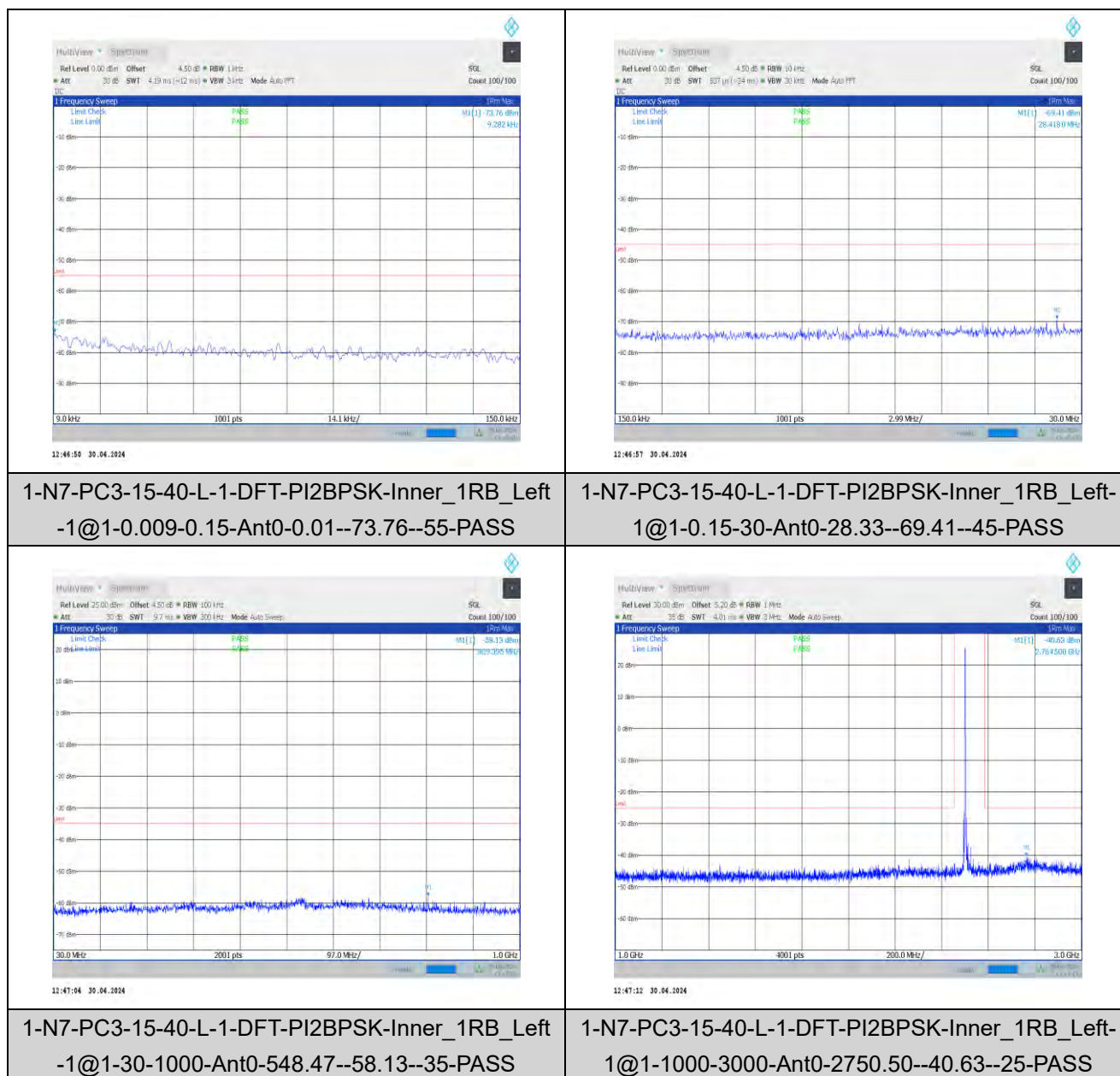
Report No.: SUCR240400008902

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Conducted Spurious Emission for SA

Test Graphs



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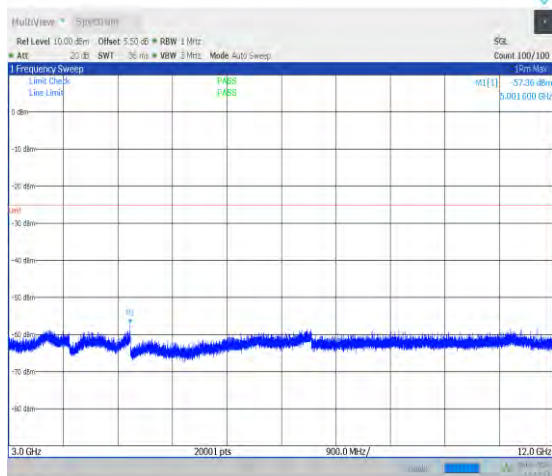
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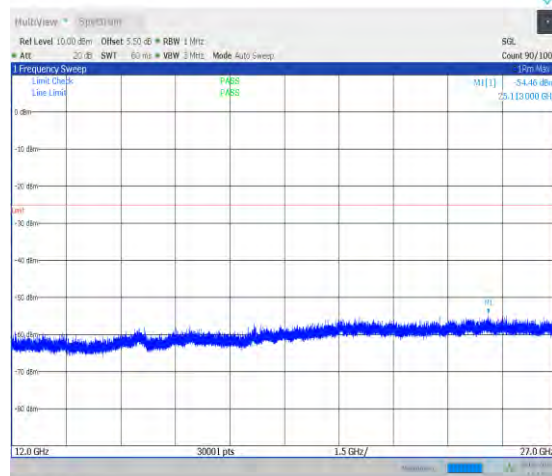
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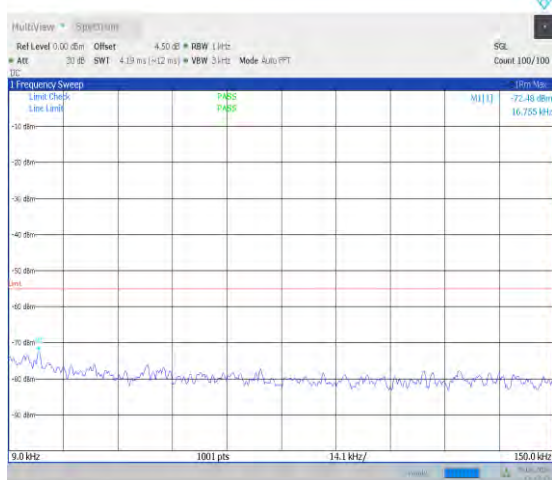
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1-N7-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left
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1-N7-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-12000-27000-Ant0-25123.50--54.46--25-PASS



1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-0.009-0.15-Ant0-0.14--72.48--55-PASS



1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-0.15-30-Ant0-25.46--70.33--45-PASS



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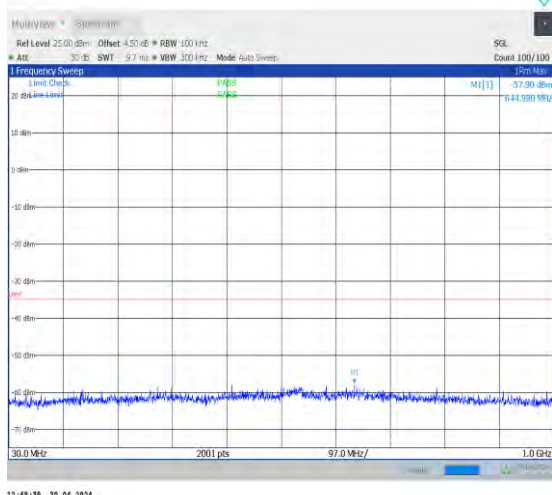
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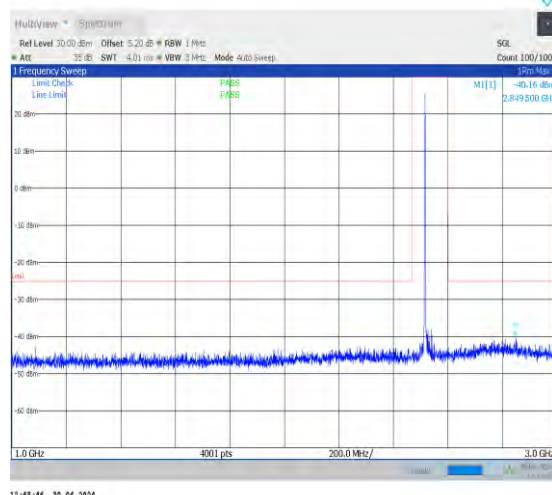
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Rev.: 01

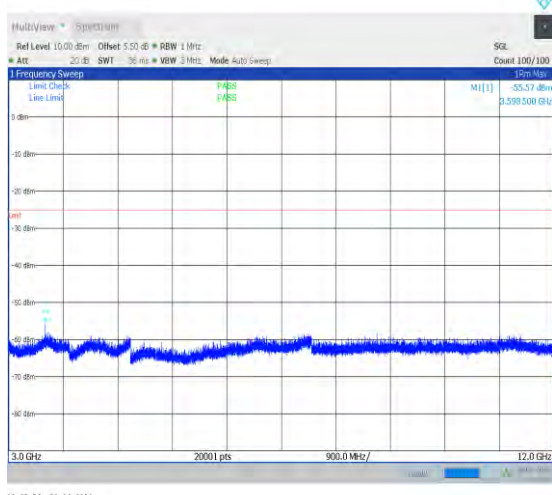
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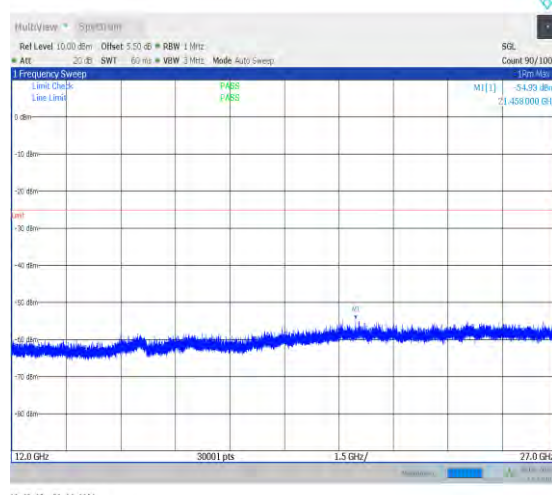
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1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-1000-3000-Ant0-2737.50--40.16--25-PASS



1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-3000-12000-Ant0-11132.40--55.57--25-PASS



1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left
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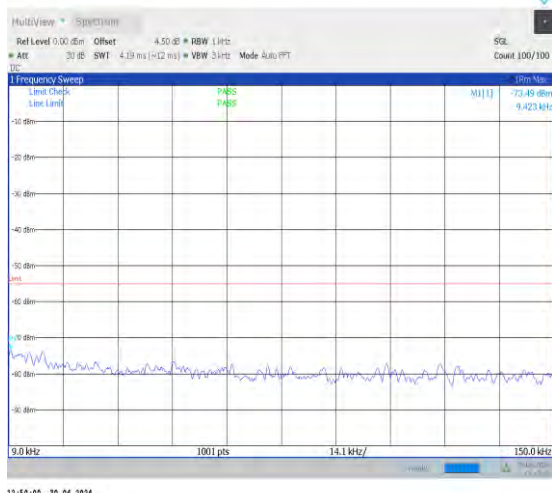
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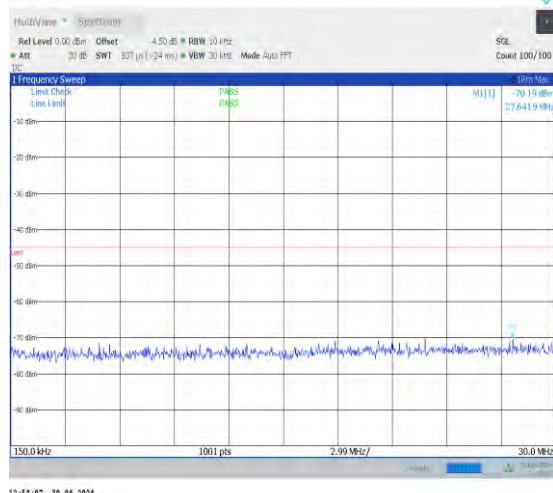
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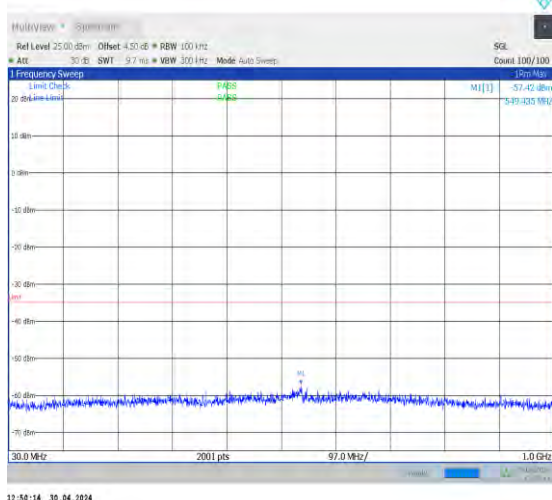
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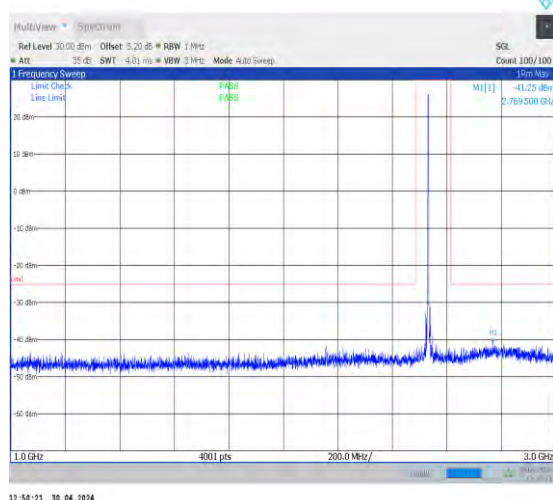
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1-N7-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left
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1-N7-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-
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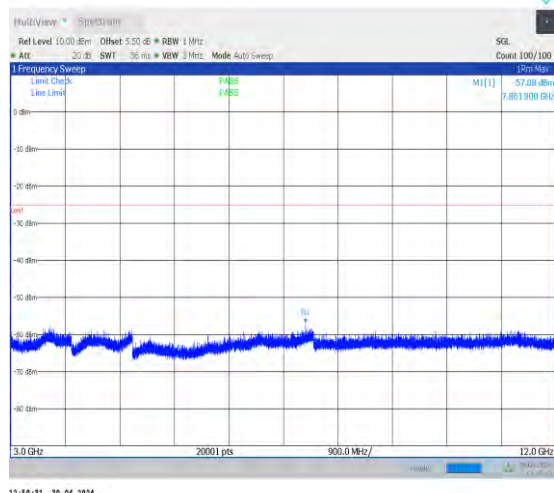
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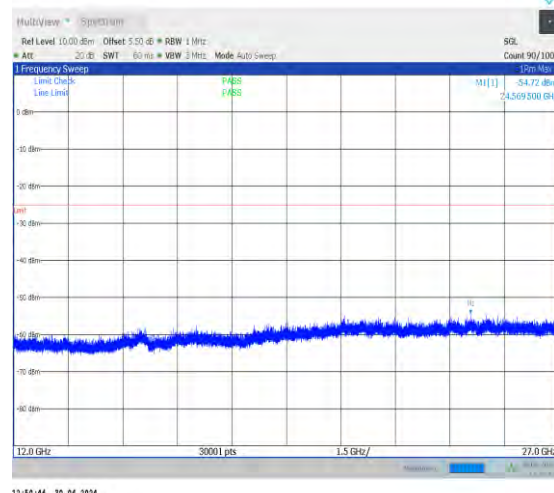
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1-N7-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant0-26679.50--54.72--25-PASS



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Field Strength of Spurious Radiation

For report SUCR240400009002:

Test Band = SA_N7

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3629.5	53.98	-49.52	30.32	-60.48	-25.00	35.48	Horizontal
2	5172	53.03	-46.84	33.03	-56.04	-25.00	31.04	Horizontal
3	7088.5	50.88	-44.17	36.76	-51.79	-25.00	26.79	Horizontal
4	9458.5	49.67	-41.00	39.03	-47.56	-25.00	22.56	Horizontal
5	14014	47.08	-36.35	40.53	-44.00	-25.00	19.00	Horizontal
6	18000	49.74	-38.99	42.80	-41.71	-25.00	16.71	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3734.5	54.21	-49.63	30.44	-60.24	-25.00	35.24	Vertical
2	5153.5	52.59	-47.13	33.51	-56.29	-25.00	31.29	Vertical
3	7373	50.18	-43.59	36.85	-51.82	-25.00	26.82	Vertical
4	8543.5	49.55	-41.49	38.94	-48.26	-25.00	23.26	Vertical
5	12568.5	47.41	-37.30	39.43	-45.72	-25.00	20.72	Vertical
6	17990.5	48.94	-38.98	42.74	-42.56	-25.00	17.56	Vertical



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Test Band = SA_N7

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3632.5	53.83	-49.52	30.33	-60.62	-25.00	35.62	Horizontal
2	5561	51.80	-46.37	33.24	-56.59	-25.00	31.59	Horizontal
3	7436	50.26	-43.37	36.73	-51.64	-25.00	26.64	Horizontal
4	9488.5	49.58	-40.70	39.15	-47.23	-25.00	22.23	Horizontal
5	12906	47.94	-37.17	39.54	-44.95	-25.00	19.95	Horizontal
6	17987.5	48.93	-38.97	42.73	-42.57	-25.00	17.57	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3735.5	54.17	-49.62	30.44	-60.27	-25.00	35.27	Vertical
2	5158.5	52.43	-47.05	33.38	-56.50	-25.00	31.50	Vertical
3	7984	50.44	-43.04	37.43	-50.43	-25.00	25.43	Vertical
4	9484.5	49.54	-40.74	39.14	-47.32	-25.00	22.32	Vertical
5	14166.5	46.54	-35.70	40.77	-43.65	-25.00	18.65	Vertical
6	18000	48.92	-38.99	42.80	-42.53	-25.00	17.53	Vertical



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Test Band = SA_N7
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3627	54.15	-49.52	30.31	-60.32	-25.00	35.32	Horizontal
2	5131	52.89	-47.29	33.56	-56.10	-25.00	31.10	Horizontal
3	6953.5	51.36	-44.48	36.41	-51.97	-25.00	26.97	Horizontal
4	9510	49.52	-40.70	39.18	-47.26	-25.00	22.26	Horizontal
5	12545	47.20	-37.14	39.46	-45.74	-25.00	20.74	Horizontal
6	17984	49.07	-38.97	42.70	-42.46	-25.00	17.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3615.5	54.19	-49.53	30.26	-60.34	-25.00	35.34	Vertical
2	5142	52.48	-47.23	33.58	-56.43	-25.00	31.43	Vertical
3	7366.5	51.01	-43.55	36.87	-50.93	-25.00	25.93	Vertical
4	8549	48.82	-41.38	39.08	-48.74	-25.00	23.74	Vertical
5	12599.5	47.95	-37.66	39.40	-45.57	-25.00	20.57	Vertical
6	17562.5	49.37	-38.25	41.14	-43.00	-25.00	18.00	Vertical



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Test Band = NSA_B12+N7

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3620	54.03	-49.53	30.28	-60.48	-25.00	35.48	Horizontal
2	4594	52.93	-47.74	32.10	-57.97	-25.00	32.97	Horizontal
3	6962.5	51.26	-44.29	36.43	-51.86	-25.00	26.86	Horizontal
4	8548	48.99	-41.40	39.05	-48.62	-25.00	23.62	Horizontal
5	13433.5	47.15	-36.45	40.23	-44.33	-25.00	19.33	Horizontal
6	17905	48.31	-38.10	42.23	-42.82	-25.00	17.82	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3612	54.25	-49.54	30.25	-60.30	-25.00	35.30	Vertical
2	4627.5	53.36	-47.85	32.05	-57.70	-25.00	32.70	Vertical
3	6507	50.75	-44.76	35.11	-54.16	-25.00	29.16	Vertical
4	8545	49.12	-41.46	38.98	-48.62	-25.00	23.62	Vertical
5	15026	47.62	-35.11	39.87	-42.88	-25.00	17.88	Vertical
6	17911.5	48.51	-38.22	42.27	-42.70	-25.00	17.70	Vertical



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Test Band = NSA_B12+N7
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3608.5	54.06	-49.54	30.23	-60.51	-25.00	35.51	Horizontal
2	4251.5	52.94	-48.42	32.09	-58.65	-25.00	33.65	Horizontal
3	6087.5	51.32	-45.80	34.48	-55.26	-25.00	30.26	Horizontal
4	9098	49.36	-41.39	38.70	-48.59	-25.00	23.59	Horizontal
5	11845.5	47.22	-38.13	39.72	-46.45	-25.00	21.45	Horizontal
6	15026	47.19	-35.11	39.87	-43.31	-25.00	18.31	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3626.5	53.94	-49.52	30.31	-60.53	-25.00	35.53	Vertical
2	4598.5	52.29	-47.67	32.10	-58.54	-25.00	33.54	Vertical
3	6970.5	51.15	-44.12	36.44	-51.79	-25.00	26.79	Vertical
4	9509	48.93	-40.69	39.18	-47.84	-25.00	22.84	Vertical
5	15032	47.56	-35.19	39.87	-43.02	-25.00	18.02	Vertical
6	17996.5	48.77	-38.99	42.78	-42.70	-25.00	17.70	Vertical



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Test Band = NSA_B12+N7
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3627.5	53.90	-49.52	30.31	-60.57	-25.00	35.57	Horizontal
2	5137.5	52.54	-47.25	33.58	-56.39	-25.00	31.39	Horizontal
3	6966	51.47	-44.21	36.43	-51.57	-25.00	26.57	Horizontal
4	9478	49.11	-40.80	39.11	-47.84	-25.00	22.84	Horizontal
5	15025.5	47.47	-35.11	39.87	-43.03	-25.00	18.03	Horizontal
6	17999	48.82	-38.99	42.79	-42.64	-25.00	17.64	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3627.5	53.89	-49.52	30.31	-60.58	-25.00	35.58	Vertical
2	5133.5	52.39	-47.28	33.57	-56.58	-25.00	31.58	Vertical
3	6965.5	51.01	-44.23	36.43	-52.05	-25.00	27.05	Vertical
4	9487.5	49.17	-40.71	39.15	-47.65	-25.00	22.65	Vertical
5	14009.5	46.99	-36.34	40.52	-44.09	-25.00	19.09	Vertical
6	17995	49.17	-38.98	42.77	-42.30	-25.00	17.30	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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For report SUCR240400008902:
Test Band = SA Band 7_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5004.18	36.61	-41.46	33.20	-66.91	-25.00	41.91	Horizontal
2	7506.27	34.06	-37.78	36.61	-62.37	-25.00	37.37	Horizontal
3	10008.36	31.37	-32.39	37.90	-58.38	-25.00	33.38	Horizontal
4	12510.45	29.81	-29.88	39.01	-56.31	-25.00	31.31	Horizontal
5	15012.54	29.44	-28.29	40.08	-54.03	-25.00	29.03	Horizontal
6	17514.63	26.58	-24.40	40.14	-52.94	-25.00	27.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7501.5	41.30	-37.78	36.60	-55.14	-25.00	30.14	Vertical
2	5004.18	35.41	-41.46	33.20	-68.11	-25.00	43.11	Vertical
3	10008.36	30.34	-32.39	37.90	-59.41	-25.00	34.41	Vertical
4	12510.45	29.05	-29.88	39.01	-57.07	-25.00	32.07	Vertical
5	15012.54	29.40	-28.29	40.08	-54.07	-25.00	29.07	Vertical
6	17514.63	26.76	-24.40	40.14	-52.76	-25.00	27.76	Vertical



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Test Band = SA Band 7_TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5034.18	35.21	-41.40	33.19	-68.26	-25.00	43.26	Horizontal
2	7551.27	33.15	-37.75	36.65	-63.21	-25.00	38.21	Horizontal
3	10068.36	30.18	-32.27	37.93	-59.42	-25.00	34.42	Horizontal
4	12585.45	29.23	-29.57	39.10	-56.50	-25.00	31.50	Horizontal
5	15102.54	28.65	-28.53	39.90	-55.23	-25.00	30.23	Horizontal
6	17619.63	27.29	-24.59	40.39	-52.17	-25.00	27.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5034.18	35.85	-41.40	33.19	-67.62	-25.00	42.62	Vertical
2	7551.27	34.01	-37.75	36.65	-62.35	-25.00	37.35	Vertical
3	10068.36	31.11	-32.27	37.93	-58.49	-25.00	33.49	Vertical
4	12585.45	29.12	-29.57	39.10	-56.61	-25.00	31.61	Vertical
5	15102.54	28.82	-28.53	39.90	-55.06	-25.00	30.06	Vertical
6	17619.63	26.94	-24.59	40.39	-52.52	-25.00	27.52	Vertical



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Test Band = SA Band 7_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5064.18	34.78	-41.35	33.19	-68.64	-25.00	43.64	Horizontal
2	7596.27	34.25	-37.72	36.70	-62.04	-25.00	37.04	Horizontal
3	10128.36	30.44	-32.16	37.96	-59.02	-25.00	34.02	Horizontal
4	12660.45	29.33	-29.66	39.19	-56.40	-25.00	31.40	Horizontal
5	15192.54	29.13	-27.79	39.73	-54.18	-25.00	29.18	Horizontal
6	17724.63	28.01	-24.12	40.64	-50.73	-25.00	25.73	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5064.18	34.29	-41.35	33.19	-69.13	-25.00	44.13	Vertical
2	7596.27	33.53	-37.72	36.70	-62.76	-25.00	37.76	Vertical
3	10128.36	31.10	-32.16	37.96	-58.36	-25.00	33.36	Vertical
4	12660.45	28.98	-29.66	39.19	-56.75	-25.00	31.75	Vertical
5	15192.54	28.12	-27.79	39.73	-55.19	-25.00	30.19	Vertical
6	17724.63	27.54	-24.12	40.64	-51.20	-25.00	26.20	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)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.900000	-0.000750	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.500000	-0.000986	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-2.100000	-0.000828	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VH	NT	-1.700000	-0.000671	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VN	NT	0.500000	0.000197	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VL	NT	1.600000	0.000631	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.300000	-0.001302	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	0.600000	0.000237	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-0.200000	-0.000079	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.500000	-0.001775	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.500000	-0.001381	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	3.200000	0.001262	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.700000	-0.000671	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-2.700000	-0.001065	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	2.200000	0.000868	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	50	-6.400000	-0.002525	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-20	-1.800000	-0.000710	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-10	3.400000	0.001341	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	0	1.000000	0.000394	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	10	1.800000	0.000710	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	20	-1.700000	-0.000671	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	30	-3.500000	-0.001381	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	40	-1.000000	-0.000394	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-30	-1.500000	-0.000592	PASS

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