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Appendix B.39

NR Band n25



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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
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.56	23.81	33	PASS
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.48	23.73	33	PASS
N25	15	5	DFT-PI2BPSK	L	Outer_Full	23.47	23.72	33	PASS
N25	15	5	DFT-QPSK	L	Inner_1RB_Left	23.41	23.66	33	PASS
N25	15	5	DFT-QPSK	L	Inner_1RB_Right	23.38	23.63	33	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	23.47	23.72	33	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Left	23.46	23.71	33	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Right	23.45	23.7	33	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	22.68	22.93	33	PASS
N25	15	5	DFT-64QAM	L	Inner_1RB_Left	22.32	22.57	33	PASS
N25	15	5	DFT-64QAM	L	Inner_1RB_Right	22.3	22.55	33	PASS
N25	15	5	DFT-64QAM	L	Outer_Full	22	22.25	33	PASS
N25	15	5	DFT-256QAM	L	Inner_1RB_Left	19.56	19.81	33	PASS
N25	15	5	DFT-256QAM	L	Inner_1RB_Right	19.57	19.82	33	PASS
N25	15	5	DFT-256QAM	L	Outer_Full	19.96	20.21	33	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.52	23.77	33	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.39	23.64	33	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	23.51	23.76	33	PASS
N25	15	5	DFT-QPSK	M	Inner_1RB_Left	23.4	23.65	33	PASS
N25	15	5	DFT-QPSK	M	Inner_1RB_Right	23.43	23.68	33	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	23.48	23.73	33	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Left	23.46	23.71	33	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Right	23.4	23.65	33	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	22.63	22.88	33	PASS
N25	15	5	DFT-64QAM	M	Inner_1RB_Left	22.37	22.62	33	PASS
N25	15	5	DFT-64QAM	M	Inner_1RB_Right	22.37	22.62	33	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	22.16	22.41	33	PASS
N25	15	5	DFT-256QAM	M	Inner_1RB_Left	19.66	19.91	33	PASS
N25	15	5	DFT-256QAM	M	Inner_1RB_Right	19.65	19.9	33	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	19.96	20.21	33	PASS
N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.51	23.76	33	PASS



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N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.38	23.63	33	PASS
N25	15	5	DFT-PI2BPSK	H	Outer_Full	23.5	23.75	33	PASS
N25	15	5	DFT-QPSK	H	Inner_1RB_Left	23.31	23.56	33	PASS
N25	15	5	DFT-QPSK	H	Inner_1RB_Right	23.52	23.77	33	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	23.52	23.77	33	PASS
N25	15	5	DFT-16QAM	H	Inner_1RB_Left	23.41	23.66	33	PASS
N25	15	5	DFT-16QAM	H	Inner_1RB_Right	23.46	23.71	33	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	22.61	22.86	33	PASS
N25	15	5	DFT-64QAM	H	Inner_1RB_Left	22.31	22.56	33	PASS
N25	15	5	DFT-64QAM	H	Inner_1RB_Right	22.3	22.55	33	PASS
N25	15	5	DFT-64QAM	H	Outer_Full	22.12	22.37	33	PASS
N25	15	5	DFT-256QAM	H	Inner_1RB_Left	19.58	19.83	33	PASS
N25	15	5	DFT-256QAM	H	Inner_1RB_Right	19.59	19.84	33	PASS
N25	15	5	DFT-256QAM	H	Outer_Full	20.12	20.37	33	PASS
N25	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.32	23.57	33	PASS
N25	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.31	23.56	33	PASS
N25	15	10	DFT-PI2BPSK	L	Outer_Full	23.4	23.65	33	PASS
N25	15	10	DFT-QPSK	L	Inner_1RB_Left	23.43	23.68	33	PASS
N25	15	10	DFT-QPSK	L	Inner_1RB_Right	23.43	23.68	33	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	23.43	23.68	33	PASS
N25	15	10	DFT-16QAM	L	Inner_1RB_Left	23.45	23.7	33	PASS
N25	15	10	DFT-16QAM	L	Inner_1RB_Right	23.32	23.57	33	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	22.6	22.85	33	PASS
N25	15	10	DFT-64QAM	L	Inner_1RB_Left	22.3	22.55	33	PASS
N25	15	10	DFT-64QAM	L	Inner_1RB_Right	22.21	22.46	33	PASS
N25	15	10	DFT-64QAM	L	Outer_Full	22.07	22.32	33	PASS
N25	15	10	DFT-256QAM	L	Inner_1RB_Left	19.55	19.8	33	PASS
N25	15	10	DFT-256QAM	L	Inner_1RB_Right	19.49	19.74	33	PASS
N25	15	10	DFT-256QAM	L	Outer_Full	20.08	20.33	33	PASS
N25	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.46	23.71	33	PASS
N25	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.38	23.63	33	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	23.44	23.69	33	PASS
N25	15	10	DFT-QPSK	M	Inner_1RB_Left	23.39	23.64	33	PASS
N25	15	10	DFT-QPSK	M	Inner_1RB_Right	23.48	23.73	33	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	23.5	23.75	33	PASS
N25	15	10	DFT-16QAM	M	Inner_1RB_Left	23.45	23.7	33	PASS
N25	15	10	DFT-16QAM	M	Inner_1RB_Right	23.43	23.68	33	PASS



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N25	15	10	DFT-16QAM	M	Outer_Full	22.66	22.91	33	PASS
N25	15	10	DFT-64QAM	M	Inner_1RB_Left	22.17	22.42	33	PASS
N25	15	10	DFT-64QAM	M	Inner_1RB_Right	22.28	22.53	33	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	22.16	22.41	33	PASS
N25	15	10	DFT-256QAM	M	Inner_1RB_Left	19.37	19.62	33	PASS
N25	15	10	DFT-256QAM	M	Inner_1RB_Right	19.54	19.79	33	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	20.02	20.27	33	PASS
N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.49	23.74	33	PASS
N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.45	23.7	33	PASS
N25	15	10	DFT-PI2BPSK	H	Outer_Full	23.57	23.82	33	PASS
N25	15	10	DFT-QPSK	H	Inner_1RB_Left	23.36	23.61	33	PASS
N25	15	10	DFT-QPSK	H	Inner_1RB_Right	23.4	23.65	33	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	23.61	23.86	33	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Left	23.46	23.71	33	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Right	23.41	23.66	33	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	22.61	22.86	33	PASS
N25	15	10	DFT-64QAM	H	Inner_1RB_Left	22.33	22.58	33	PASS
N25	15	10	DFT-64QAM	H	Inner_1RB_Right	22.36	22.61	33	PASS
N25	15	10	DFT-64QAM	H	Outer_Full	22.11	22.36	33	PASS
N25	15	10	DFT-256QAM	H	Inner_1RB_Left	19.53	19.78	33	PASS
N25	15	10	DFT-256QAM	H	Inner_1RB_Right	19.57	19.82	33	PASS
N25	15	10	DFT-256QAM	H	Outer_Full	20.09	20.34	33	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.63	23.88	33	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.59	23.84	33	PASS
N25	15	15	DFT-PI2BPSK	L	Outer_Full	23.69	23.94	33	PASS
N25	15	15	DFT-QPSK	L	Inner_1RB_Left	23.47	23.72	33	PASS
N25	15	15	DFT-QPSK	L	Inner_1RB_Right	23.55	23.8	33	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	23.66	23.91	33	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Left	23.55	23.8	33	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Right	23.54	23.79	33	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	22.86	23.11	33	PASS
N25	15	15	DFT-64QAM	L	Inner_1RB_Left	22.35	22.6	33	PASS
N25	15	15	DFT-64QAM	L	Inner_1RB_Right	22.35	22.6	33	PASS
N25	15	15	DFT-64QAM	L	Outer_Full	22.28	22.53	33	PASS
N25	15	15	DFT-256QAM	L	Inner_1RB_Left	19.73	19.98	33	PASS
N25	15	15	DFT-256QAM	L	Inner_1RB_Right	19.68	19.93	33	PASS
N25	15	15	DFT-256QAM	L	Outer_Full	20.22	20.47	33	PASS



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N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.62	23.87	33	PASS
N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.55	23.8	33	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	23.57	23.82	33	PASS
N25	15	15	DFT-QPSK	M	Inner_1RB_Left	23.5	23.75	33	PASS
N25	15	15	DFT-QPSK	M	Inner_1RB_Right	23.65	23.9	33	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	23.58	23.83	33	PASS
N25	15	15	DFT-16QAM	M	Inner_1RB_Left	23.61	23.86	33	PASS
N25	15	15	DFT-16QAM	M	Inner_1RB_Right	23.62	23.87	33	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	22.7	22.95	33	PASS
N25	15	15	DFT-64QAM	M	Inner_1RB_Left	22.48	22.73	33	PASS
N25	15	15	DFT-64QAM	M	Inner_1RB_Right	22.4	22.65	33	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	22.3	22.55	33	PASS
N25	15	15	DFT-256QAM	M	Inner_1RB_Left	19.71	19.96	33	PASS
N25	15	15	DFT-256QAM	M	Inner_1RB_Right	19.72	19.97	33	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	20.26	20.51	33	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.6	23.85	33	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.58	23.83	33	PASS
N25	15	15	DFT-PI2BPSK	H	Outer_Full	23.73	23.98	33	PASS
N25	15	15	DFT-QPSK	H	Inner_1RB_Left	23.49	23.74	33	PASS
N25	15	15	DFT-QPSK	H	Inner_1RB_Right	23.63	23.88	33	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	23.7	23.95	33	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Left	23.53	23.78	33	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Right	23.51	23.76	33	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	22.83	23.08	33	PASS
N25	15	15	DFT-64QAM	H	Inner_1RB_Left	22.32	22.57	33	PASS
N25	15	15	DFT-64QAM	H	Inner_1RB_Right	22.36	22.61	33	PASS
N25	15	15	DFT-64QAM	H	Outer_Full	22.25	22.5	33	PASS
N25	15	15	DFT-256QAM	H	Inner_1RB_Left	19.63	19.88	33	PASS
N25	15	15	DFT-256QAM	H	Inner_1RB_Right	19.75	20	33	PASS
N25	15	15	DFT-256QAM	H	Outer_Full	20.21	20.46	33	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.58	23.83	33	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.56	23.81	33	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	23.59	23.84	33	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Left	23.55	23.8	33	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Right	23.65	23.9	33	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	23.63	23.88	33	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Left	23.42	23.67	33	PASS



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N25	15	20	DFT-16QAM	L	Inner_1RB_Right	23.64	23.89	33	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	22.79	23.04	33	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Left	22.42	22.67	33	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Right	22.46	22.71	33	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	22.33	22.58	33	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Left	19.69	19.94	33	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Right	19.74	19.99	33	PASS
N25	15	20	DFT-256QAM	L	Outer_Full	20.21	20.46	33	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.6	23.85	33	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.47	23.72	33	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	23.61	23.86	33	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Left	23.51	23.76	33	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Right	23.52	23.77	33	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	23.57	23.82	33	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Left	23.61	23.86	33	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Right	23.46	23.71	33	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	22.79	23.04	33	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Left	22.43	22.68	33	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Right	22.36	22.61	33	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	22.3	22.55	33	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Left	19.7	19.95	33	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Right	19.63	19.88	33	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	20.26	20.51	33	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.59	23.84	33	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.55	23.8	33	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	23.55	23.8	33	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Left	23.47	23.72	33	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Right	23.52	23.77	33	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	23.63	23.88	33	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Left	23.44	23.69	33	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Right	23.51	23.76	33	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	22.64	22.89	33	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Left	22.39	22.64	33	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Right	22.43	22.68	33	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	22.22	22.47	33	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Left	19.69	19.94	33	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Right	19.68	19.93	33	PASS



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N25	15	20	DFT-256QAM	H	Outer_Full	20.2	20.45	33	PASS
N25	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	23.64	23.89	33	PASS
N25	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	23.7	23.95	33	PASS
N25	15	25	DFT-PI2BPSK	L	Outer_Full	23.6	23.85	33	PASS
N25	15	25	DFT-QPSK	L	Inner_1RB_Left	23.59	23.84	33	PASS
N25	15	25	DFT-QPSK	L	Inner_1RB_Right	23.74	23.99	33	PASS
N25	15	25	DFT-QPSK	L	Outer_Full	23.57	23.82	33	PASS
N25	15	25	DFT-16QAM	L	Inner_1RB_Left	23.55	23.8	33	PASS
N25	15	25	DFT-16QAM	L	Inner_1RB_Right	23.62	23.87	33	PASS
N25	15	25	DFT-16QAM	L	Outer_Full	22.8	23.05	33	PASS
N25	15	25	DFT-64QAM	L	Inner_1RB_Left	22.53	22.78	33	PASS
N25	15	25	DFT-64QAM	L	Inner_1RB_Right	22.58	22.83	33	PASS
N25	15	25	DFT-64QAM	L	Outer_Full	22.2	22.45	33	PASS
N25	15	25	DFT-256QAM	L	Inner_1RB_Left	19.72	19.97	33	PASS
N25	15	25	DFT-256QAM	L	Inner_1RB_Right	19.76	20.01	33	PASS
N25	15	25	DFT-256QAM	L	Outer_Full	20.33	20.58	33	PASS
N25	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	23.81	24.06	33	PASS
N25	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	23.69	23.94	33	PASS
N25	15	25	DFT-PI2BPSK	M	Outer_Full	23.63	23.88	33	PASS
N25	15	25	DFT-QPSK	M	Inner_1RB_Left	23.76	24.01	33	PASS
N25	15	25	DFT-QPSK	M	Inner_1RB_Right	23.86	24.11	33	PASS
N25	15	25	DFT-QPSK	M	Outer_Full	23.62	23.87	33	PASS
N25	15	25	DFT-16QAM	M	Inner_1RB_Left	23.67	23.92	33	PASS
N25	15	25	DFT-16QAM	M	Inner_1RB_Right	23.78	24.03	33	PASS
N25	15	25	DFT-16QAM	M	Outer_Full	22.73	22.98	33	PASS
N25	15	25	DFT-64QAM	M	Inner_1RB_Left	22.63	22.88	33	PASS
N25	15	25	DFT-64QAM	M	Inner_1RB_Right	22.6	22.85	33	PASS
N25	15	25	DFT-64QAM	M	Outer_Full	22.3	22.55	33	PASS
N25	15	25	DFT-256QAM	M	Inner_1RB_Left	19.85	20.1	33	PASS
N25	15	25	DFT-256QAM	M	Inner_1RB_Right	19.84	20.09	33	PASS
N25	15	25	DFT-256QAM	M	Outer_Full	20.26	20.51	33	PASS
N25	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	23.74	23.99	33	PASS
N25	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	23.73	23.98	33	PASS
N25	15	25	DFT-PI2BPSK	H	Outer_Full	23.66	23.91	33	PASS
N25	15	25	DFT-QPSK	H	Inner_1RB_Left	23.72	23.97	33	PASS
N25	15	25	DFT-QPSK	H	Inner_1RB_Right	23.83	24.08	33	PASS
N25	15	25	DFT-QPSK	H	Outer_Full	23.66	23.91	33	PASS



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N25	15	25	DFT-16QAM	H	Inner_1RB_Left	23.79	24.04	33	PASS
N25	15	25	DFT-16QAM	H	Inner_1RB_Right	23.76	24.01	33	PASS
N25	15	25	DFT-16QAM	H	Outer_Full	22.9	23.15	33	PASS
N25	15	25	DFT-64QAM	H	Inner_1RB_Left	22.6	22.85	33	PASS
N25	15	25	DFT-64QAM	H	Inner_1RB_Right	22.58	22.83	33	PASS
N25	15	25	DFT-64QAM	H	Outer_Full	22.34	22.59	33	PASS
N25	15	25	DFT-256QAM	H	Inner_1RB_Left	19.94	20.19	33	PASS
N25	15	25	DFT-256QAM	H	Inner_1RB_Right	19.8	20.05	33	PASS
N25	15	25	DFT-256QAM	H	Outer_Full	20.39	20.64	33	PASS
N25	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.59	23.84	33	PASS
N25	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.56	23.81	33	PASS
N25	15	30	DFT-PI2BPSK	L	Outer_Full	23.66	23.91	33	PASS
N25	15	30	DFT-QPSK	L	Inner_1RB_Left	23.61	23.86	33	PASS
N25	15	30	DFT-QPSK	L	Inner_1RB_Right	23.61	23.86	33	PASS
N25	15	30	DFT-QPSK	L	Outer_Full	23.66	23.91	33	PASS
N25	15	30	DFT-16QAM	L	Inner_1RB_Left	23.56	23.81	33	PASS
N25	15	30	DFT-16QAM	L	Inner_1RB_Right	23.68	23.93	33	PASS
N25	15	30	DFT-16QAM	L	Outer_Full	22.75	23	33	PASS
N25	15	30	DFT-64QAM	L	Inner_1RB_Left	22.39	22.64	33	PASS
N25	15	30	DFT-64QAM	L	Inner_1RB_Right	22.36	22.61	33	PASS
N25	15	30	DFT-64QAM	L	Outer_Full	22.28	22.53	33	PASS
N25	15	30	DFT-256QAM	L	Inner_1RB_Left	20.41	20.66	33	PASS
N25	15	30	DFT-256QAM	L	Inner_1RB_Right	20.34	20.59	33	PASS
N25	15	30	DFT-256QAM	L	Outer_Full	20.29	20.54	33	PASS
N25	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.66	23.91	33	PASS
N25	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.65	23.9	33	PASS
N25	15	30	DFT-PI2BPSK	M	Outer_Full	23.65	23.9	33	PASS
N25	15	30	DFT-QPSK	M	Inner_1RB_Left	23.68	23.93	33	PASS
N25	15	30	DFT-QPSK	M	Inner_1RB_Right	23.71	23.96	33	PASS
N25	15	30	DFT-QPSK	M	Outer_Full	23.68	23.93	33	PASS
N25	15	30	DFT-16QAM	M	Inner_1RB_Left	23.45	23.7	33	PASS
N25	15	30	DFT-16QAM	M	Inner_1RB_Right	23.65	23.9	33	PASS
N25	15	30	DFT-16QAM	M	Outer_Full	22.79	23.04	33	PASS
N25	15	30	DFT-64QAM	M	Inner_1RB_Left	22.35	22.6	33	PASS
N25	15	30	DFT-64QAM	M	Inner_1RB_Right	22.46	22.71	33	PASS
N25	15	30	DFT-64QAM	M	Outer_Full	22.28	22.53	33	PASS
N25	15	30	DFT-256QAM	M	Inner_1RB_Left	19.8	20.05	33	PASS



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N25	15	30	DFT-256QAM	M	Inner_1RB_Right	19.86	20.11	33	PASS
N25	15	30	DFT-256QAM	M	Outer_Full	20.29	20.54	33	PASS
N25	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.72	23.97	33	PASS
N25	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.69	23.94	33	PASS
N25	15	30	DFT-PI2BPSK	H	Outer_Full	23.74	23.99	33	PASS
N25	15	30	DFT-QPSK	H	Inner_1RB_Left	23.63	23.88	33	PASS
N25	15	30	DFT-QPSK	H	Inner_1RB_Right	23.82	24.07	33	PASS
N25	15	30	DFT-QPSK	H	Outer_Full	23.75	24	33	PASS
N25	15	30	DFT-16QAM	H	Inner_1RB_Left	23.65	23.9	33	PASS
N25	15	30	DFT-16QAM	H	Inner_1RB_Right	23.93	24.18	33	PASS
N25	15	30	DFT-16QAM	H	Outer_Full	22.86	23.11	33	PASS
N25	15	30	DFT-64QAM	H	Inner_1RB_Left	22.45	22.7	33	PASS
N25	15	30	DFT-64QAM	H	Inner_1RB_Right	22.62	22.87	33	PASS
N25	15	30	DFT-64QAM	H	Outer_Full	22.38	22.63	33	PASS
N25	15	30	DFT-256QAM	H	Inner_1RB_Left	19.81	20.06	33	PASS
N25	15	30	DFT-256QAM	H	Inner_1RB_Right	19.87	20.12	33	PASS
N25	15	30	DFT-256QAM	H	Outer_Full	20.31	20.56	33	PASS
N25	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.43	23.68	33	PASS
N25	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.63	23.88	33	PASS
N25	15	40	DFT-PI2BPSK	L	Outer_Full	23.76	24.01	33	PASS
N25	15	40	DFT-QPSK	L	Inner_1RB_Left	23.52	23.77	33	PASS
N25	15	40	DFT-QPSK	L	Inner_1RB_Right	23.71	23.96	33	PASS
N25	15	40	DFT-QPSK	L	Outer_Full	23.74	23.99	33	PASS
N25	15	40	DFT-16QAM	L	Inner_1RB_Left	23.42	23.67	33	PASS
N25	15	40	DFT-16QAM	L	Inner_1RB_Right	23.64	23.89	33	PASS
N25	15	40	DFT-16QAM	L	Outer_Full	22.73	22.98	33	PASS
N25	15	40	DFT-64QAM	L	Inner_1RB_Left	22.43	22.68	33	PASS
N25	15	40	DFT-64QAM	L	Inner_1RB_Right	22.51	22.76	33	PASS
N25	15	40	DFT-64QAM	L	Outer_Full	22.32	22.57	33	PASS
N25	15	40	DFT-256QAM	L	Inner_1RB_Left	19.69	19.94	33	PASS
N25	15	40	DFT-256QAM	L	Inner_1RB_Right	19.89	20.14	33	PASS
N25	15	40	DFT-256QAM	L	Outer_Full	20.29	20.54	33	PASS
N25	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.61	23.86	33	PASS
N25	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.6	23.85	33	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	23.7	23.95	33	PASS
N25	15	40	DFT-QPSK	M	Inner_1RB_Left	23.56	23.81	33	PASS
N25	15	40	DFT-QPSK	M	Inner_1RB_Right	23.66	23.91	33	PASS



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N25	15	40	DFT-QPSK	M	Outer_Full	23.68	23.93	33	PASS
N25	15	40	DFT-16QAM	M	Inner_1RB_Left	23.46	23.71	33	PASS
N25	15	40	DFT-16QAM	M	Inner_1RB_Right	23.67	23.92	33	PASS
N25	15	40	DFT-16QAM	M	Outer_Full	22.73	22.98	33	PASS
N25	15	40	DFT-64QAM	M	Inner_1RB_Left	22.41	22.66	33	PASS
N25	15	40	DFT-64QAM	M	Inner_1RB_Right	22.54	22.79	33	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	22.26	22.51	33	PASS
N25	15	40	DFT-256QAM	M	Inner_1RB_Left	19.79	20.04	33	PASS
N25	15	40	DFT-256QAM	M	Inner_1RB_Right	19.81	20.06	33	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	20.4	20.65	33	PASS
N25	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.6	23.85	33	PASS
N25	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.75	24	33	PASS
N25	15	40	DFT-PI2BPSK	H	Outer_Full	23.85	24.1	33	PASS
N25	15	40	DFT-QPSK	H	Inner_1RB_Left	23.74	23.99	33	PASS
N25	15	40	DFT-QPSK	H	Inner_1RB_Right	23.82	24.07	33	PASS
N25	15	40	DFT-QPSK	H	Outer_Full	23.84	24.09	33	PASS
N25	15	40	DFT-16QAM	H	Inner_1RB_Left	23.68	23.93	33	PASS
N25	15	40	DFT-16QAM	H	Inner_1RB_Right	23.8	24.05	33	PASS
N25	15	40	DFT-16QAM	H	Outer_Full	22.93	23.18	33	PASS
N25	15	40	DFT-64QAM	H	Inner_1RB_Left	22.61	22.86	33	PASS
N25	15	40	DFT-64QAM	H	Inner_1RB_Right	22.59	22.84	33	PASS
N25	15	40	DFT-64QAM	H	Outer_Full	22.52	22.77	33	PASS
N25	15	40	DFT-256QAM	H	Inner_1RB_Left	19.89	20.14	33	PASS
N25	15	40	DFT-256QAM	H	Inner_1RB_Right	19.84	20.09	33	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N25	15	40	DFT-256QAM	L	Outer_Full	6.71	13	PASS
N25	15	40	CP-256QAM	L	Outer_Full	6.79	13	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	6.73	13	PASS
N25	15	40	CP-256QAM	M	Outer_Full	6.76	13	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	6.77	13	PASS
N25	15	40	CP-256QAM	H	Outer_Full	6.75	13	PASS



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Test Graphs



1-N25-PC3-15-40-L-1-DFT-256QAM-Out_ Full-216
@0-17.93-17.93-19~27.5-PASS



1-N25-PC3-15-40-L-2-CP-256QAM-Out_ Full-216
@0-17.95-17.95-19~27.5-PASS



1-N25-PC3-15-40-M-1-DFT-256QAM-Out_ Full-216
@0-17.96-17.96-19~27.5-PASS



1-N25-PC3-15-40-M-2-CP-256QAM-Out_ Full-216
@0-17.94-17.94-19~27.5-PASS



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1-N25-PC3-15-40-H-1-DFT-256QAM-Outer_Full-216
@0-17.77-17.77-19~27.5-PASS



1-N25-PC3-15-40-H-2-CP-256QAM-Outer_Full-216
@0-17.79-17.79-19~27.5-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
N25	15	5	DFT-QPSK	M	Outer_Full	4.508	5.110	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	4.502	5.220	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.526	5.160	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.498	5.090	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.486	5.040	PASS
N25	15	5	CP-QPSK	M	Outer_Full	4.512	5.120	PASS
N25	15	5	CP-16QAM	M	Outer_Full	4.52	5.270	PASS
N25	15	5	CP-64QAM	M	Outer_Full	4.533	5.250	PASS
N25	15	5	CP-256QAM	M	Outer_Full	4.544	5.290	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.934	9.620	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	8.916	9.500	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.96	9.740	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.948	9.720	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.938	9.700	PASS
N25	15	10	CP-QPSK	M	Outer_Full	9.286	10.120	PASS
N25	15	10	CP-16QAM	M	Outer_Full	9.27	10.040	PASS
N25	15	10	CP-64QAM	M	Outer_Full	9.282	10.040	PASS
N25	15	10	CP-256QAM	M	Outer_Full	9.294	10.000	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.498	14.670	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	13.477	14.400	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.489	14.580	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.47	14.490	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	13.469	14.520	PASS
N25	15	15	CP-QPSK	M	Outer_Full	14.149	15.180	PASS
N25	15	15	CP-16QAM	M	Outer_Full	14.159	15.180	PASS
N25	15	15	CP-64QAM	M	Outer_Full	14.182	15.240	PASS
N25	15	15	CP-256QAM	M	Outer_Full	14.202	15.240	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.928	18.960	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	17.901	19.080	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.931	19.120	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.926	19.120	PASS



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N25	15	20	DFT-256QAM	M	Outer_Full	17.893	18.920	PASS
N25	15	20	CP-QPSK	M	Outer_Full	18.95	20.040	PASS
N25	15	20	CP-16QAM	M	Outer_Full	18.946	20.160	PASS
N25	15	20	CP-64QAM	M	Outer_Full	18.982	20.120	PASS
N25	15	20	CP-256QAM	M	Outer_Full	18.917	19.960	PASS
N25	15	25	DFT-QPSK	M	Outer_Full	22.897	23.900	PASS
N25	15	25	DFT-PI2BPSK	M	Outer_Full	22.869	24.050	PASS
N25	15	25	DFT-16QAM	M	Outer_Full	22.967	24.000	PASS
N25	15	25	DFT-64QAM	M	Outer_Full	22.884	23.950	PASS
N25	15	25	DFT-256QAM	M	Outer_Full	22.853	23.850	PASS
N25	15	25	CP-QPSK	M	Outer_Full	23.765	25.100	PASS
N25	15	25	CP-16QAM	M	Outer_Full	23.789	25.000	PASS
N25	15	25	CP-64QAM	M	Outer_Full	23.758	25.000	PASS
N25	15	25	CP-256QAM	M	Outer_Full	23.79	24.850	PASS
N25	15	30	DFT-QPSK	M	Outer_Full	28.529	29.760	PASS
N25	15	30	DFT-PI2BPSK	M	Outer_Full	28.635	29.880	PASS
N25	15	30	DFT-16QAM	M	Outer_Full	28.549	29.640	PASS
N25	15	30	DFT-64QAM	M	Outer_Full	28.585	29.820	PASS
N25	15	30	DFT-256QAM	M	Outer_Full	28.55	29.820	PASS
N25	15	30	CP-QPSK	M	Outer_Full	28.568	29.760	PASS
N25	15	30	CP-16QAM	M	Outer_Full	28.616	29.820	PASS
N25	15	30	CP-64QAM	M	Outer_Full	28.501	29.760	PASS
N25	15	30	CP-256QAM	M	Outer_Full	28.593	29.820	PASS
N25	15	40	DFT-QPSK	M	Outer_Full	38.74	41.200	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	38.789	41.280	PASS
N25	15	40	DFT-16QAM	M	Outer_Full	38.701	41.200	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	38.722	41.120	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	38.725	41.200	PASS
N25	15	40	CP-QPSK	M	Outer_Full	38.689	41.360	PASS
N25	15	40	CP-16QAM	M	Outer_Full	38.779	41.200	PASS
N25	15	40	CP-64QAM	M	Outer_Full	38.835	41.200	PASS
N25	15	40	CP-256QAM	M	Outer_Full	38.772	41.200	PASS



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Test Graphs



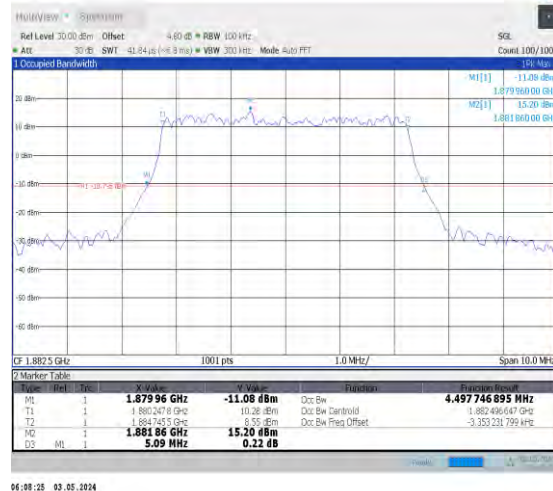
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1-N25-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant0-4.526-5.160-≤5-PASS



1-N25-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant0-4.498-5.090-≤5-PASS



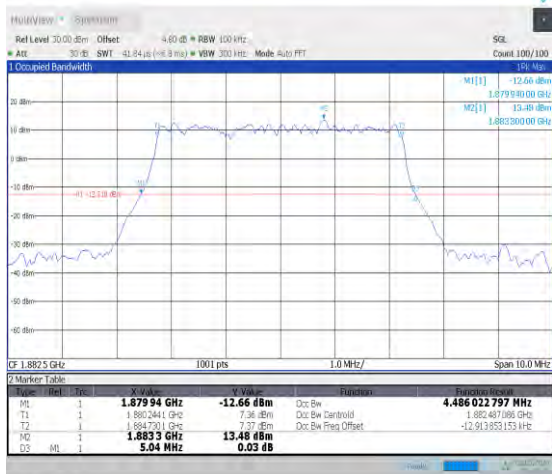
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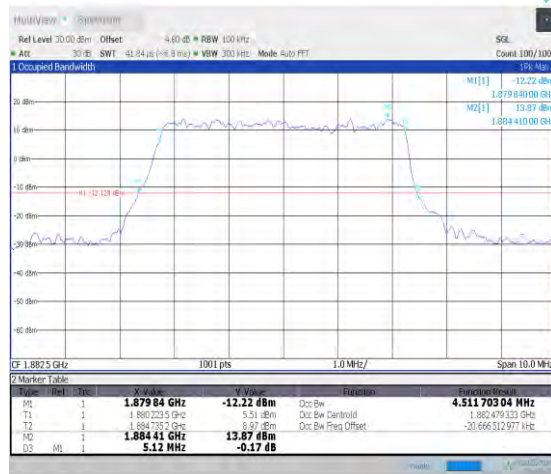
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04:08:45 03.05.2024

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04:08:51 03.05.2024

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04:09:00 03.05.2024

1-N25-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-
Ant0-4.533-5.250-≤5-PASS



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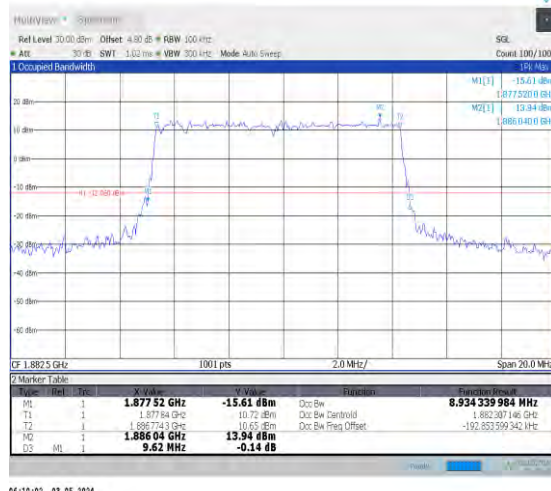
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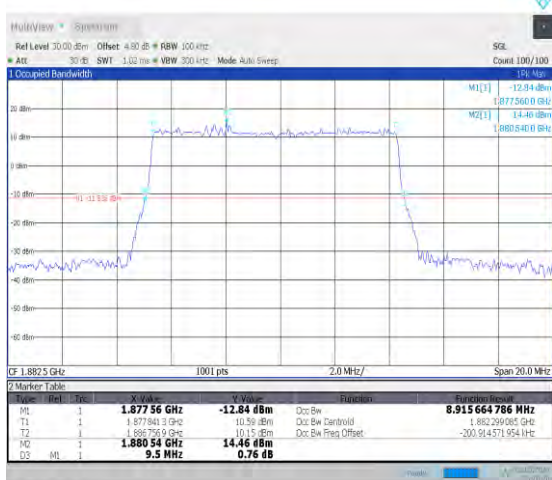
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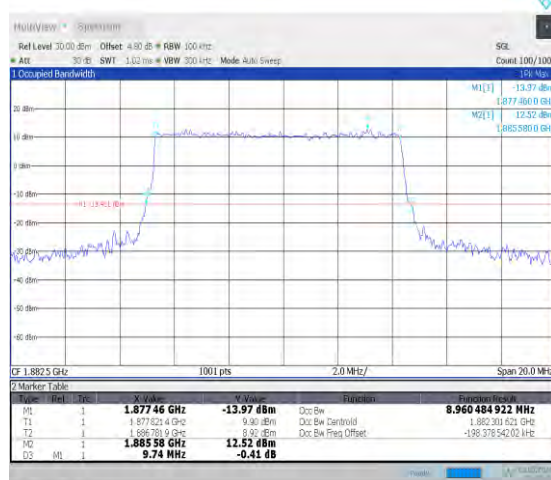
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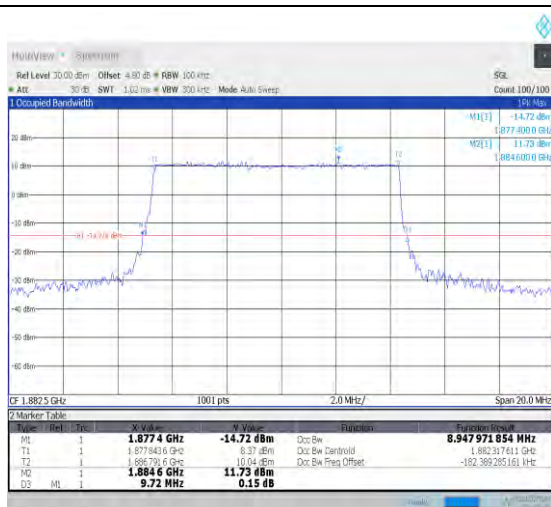
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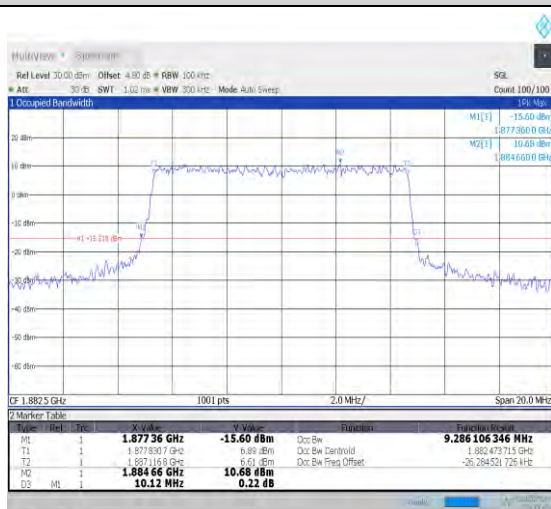
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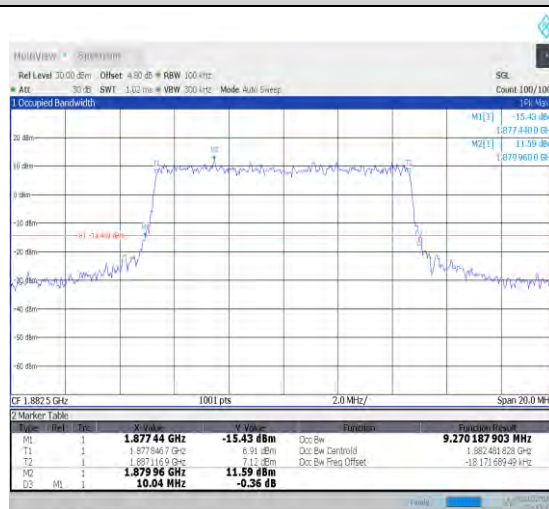
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06:11:03 03.05.2024

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06:11:11 03.05.2024

1-N25-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0
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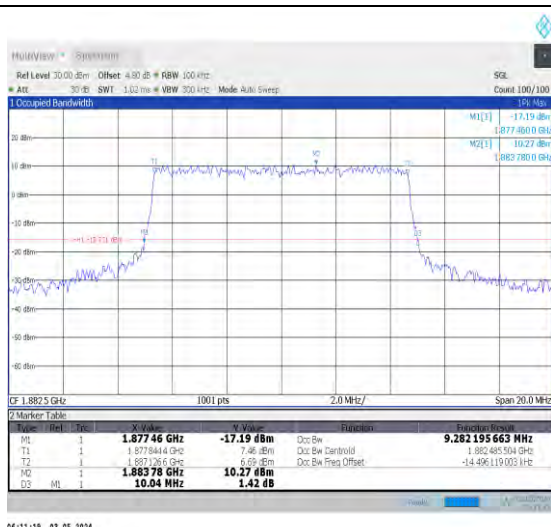
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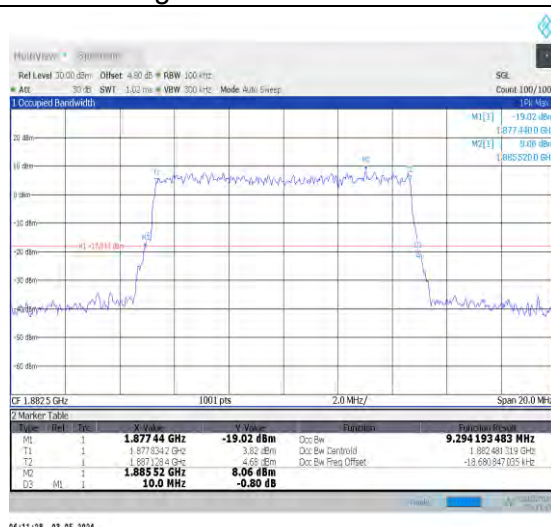
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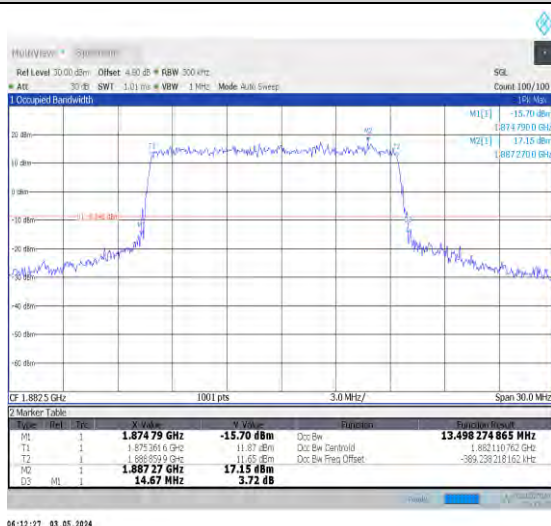
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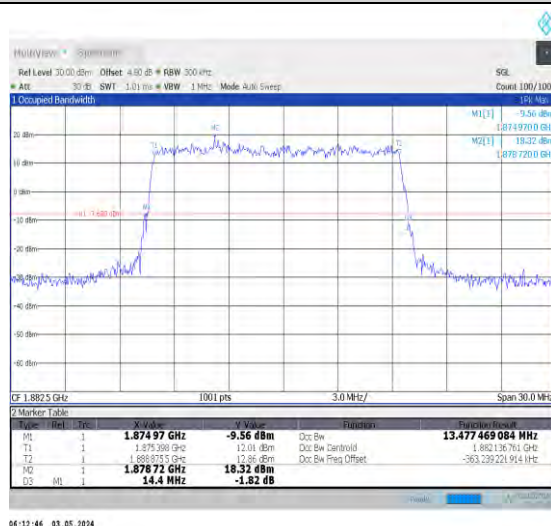
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04:12:17 03.05.2024

1-N25-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0
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04:12:46 03.05.2024

1-N25-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0
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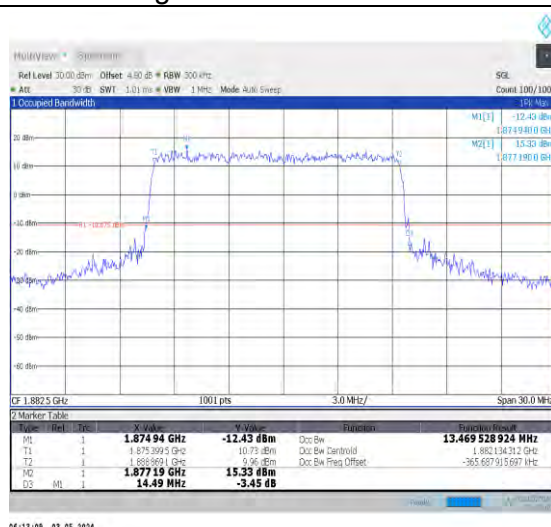
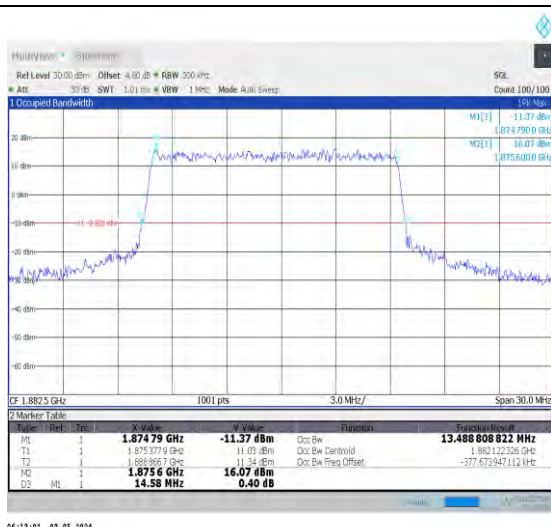
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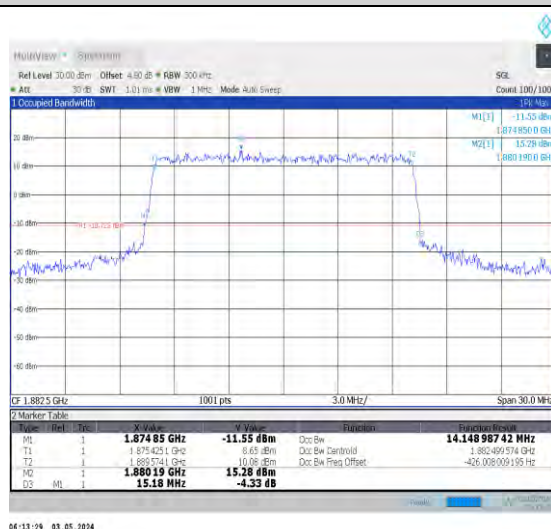
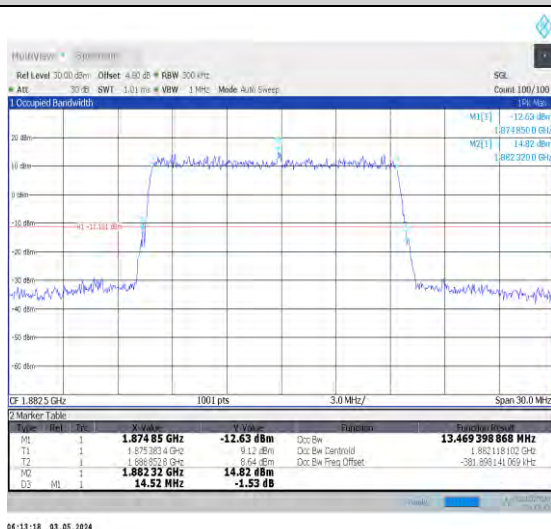
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0-Ant0-13.489-14.580-≤15-PASS

1-N25-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@
0-Ant0-13.47-14.490-≤15-PASS



1-N25-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75
@0-Ant0-13.469-14.520-≤15-PASS

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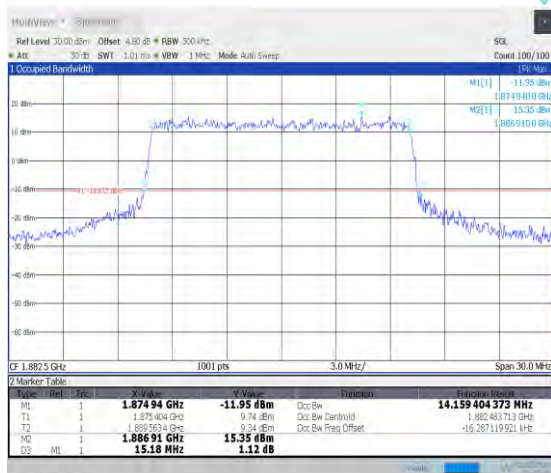
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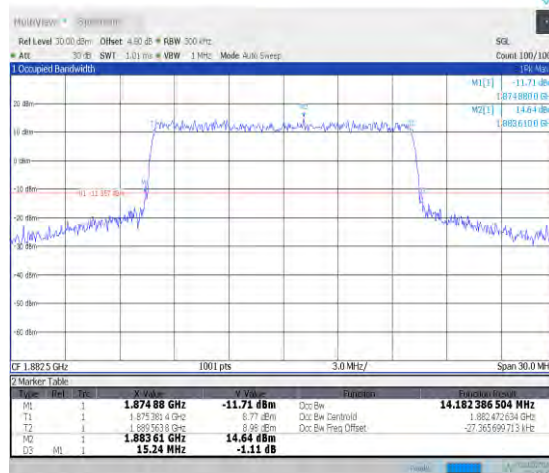
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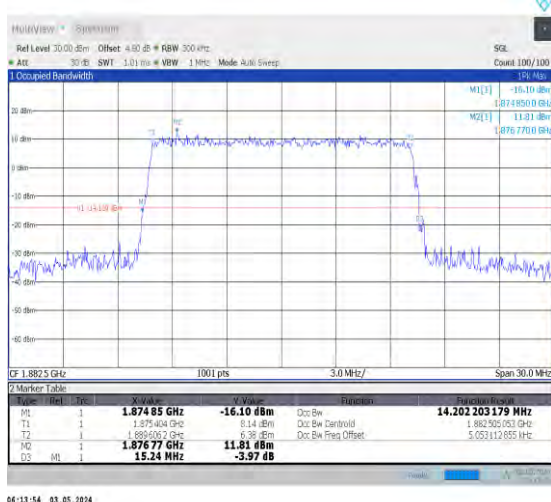
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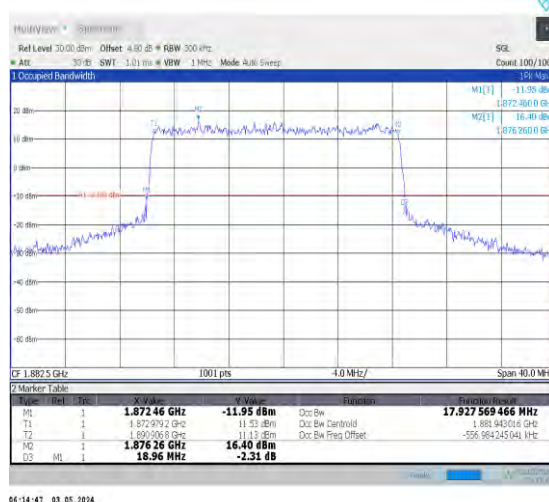
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1-N25-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0
-Ant0-14.182-15.240≤15-PASS



1-N25-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@
0-Ant0-14.202-15.240-≤15-PASS



1-N25-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@
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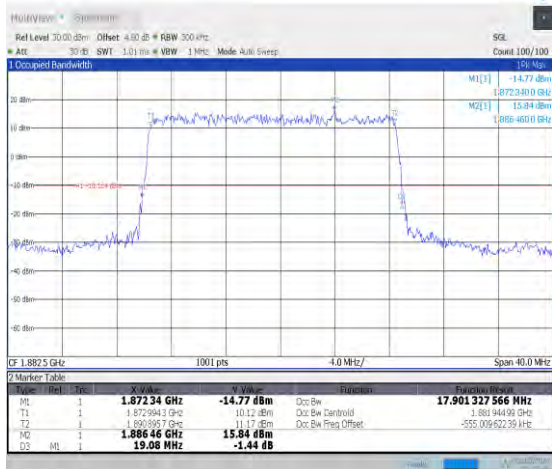
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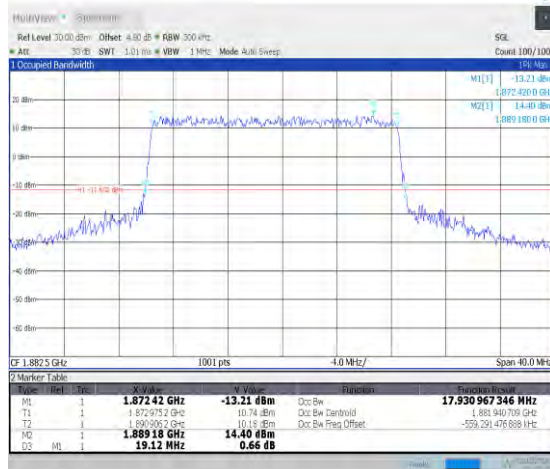
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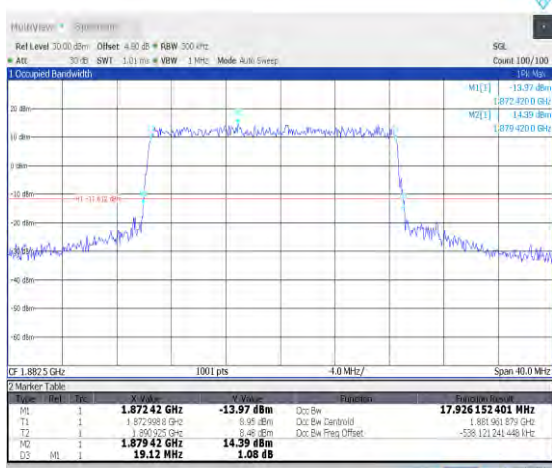
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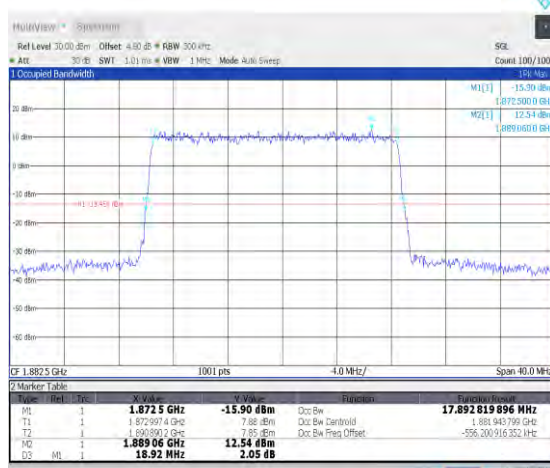
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04:15:34 03.05.2024



04:15:40 03.05.2024

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@0-Ant0-17.926-19.120-≤20-PASS

1-N25-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
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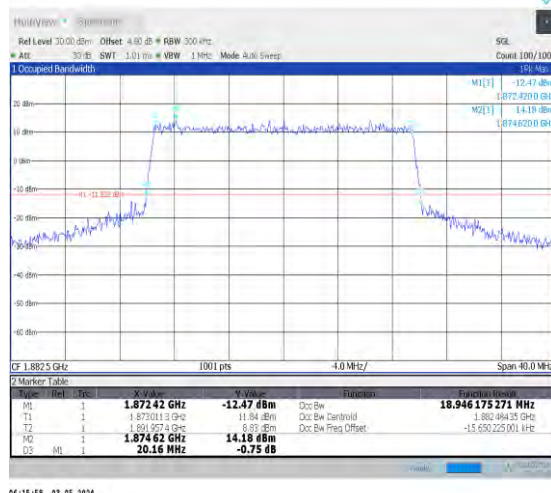
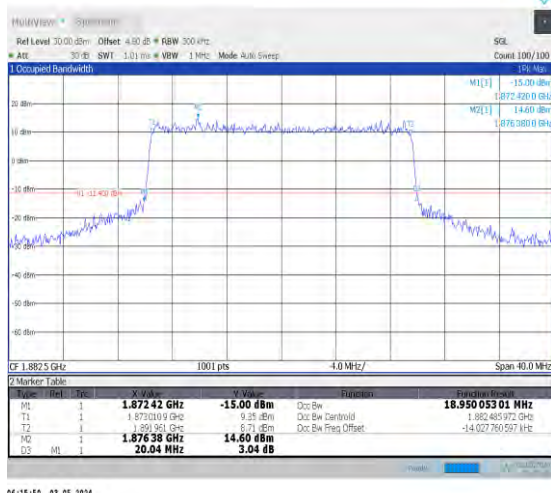
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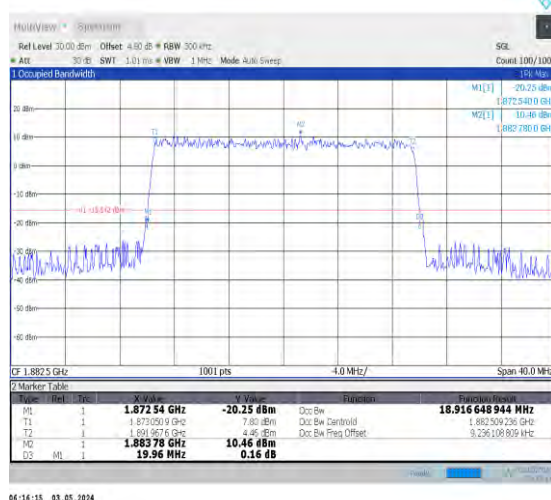
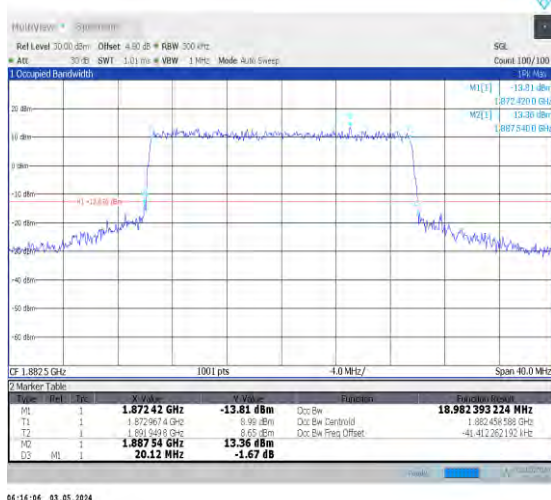
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1-N25-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@
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1-N25-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@
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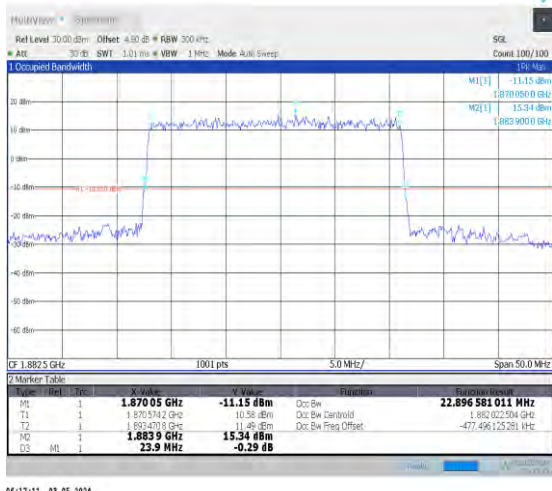
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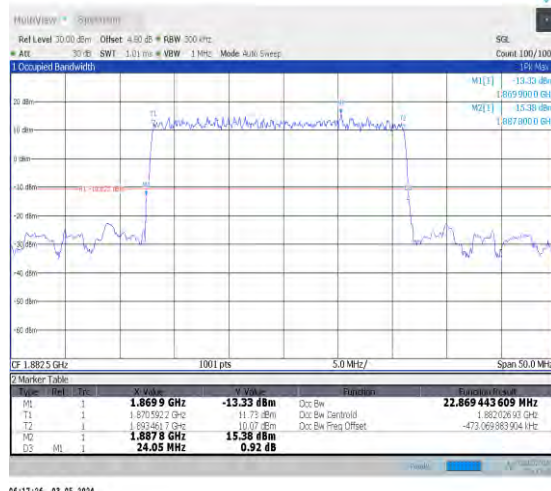
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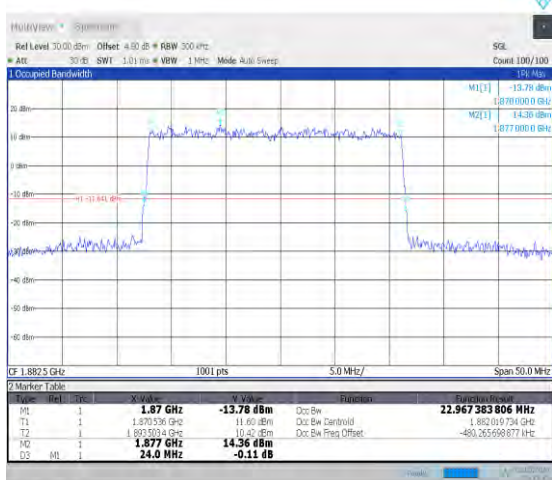
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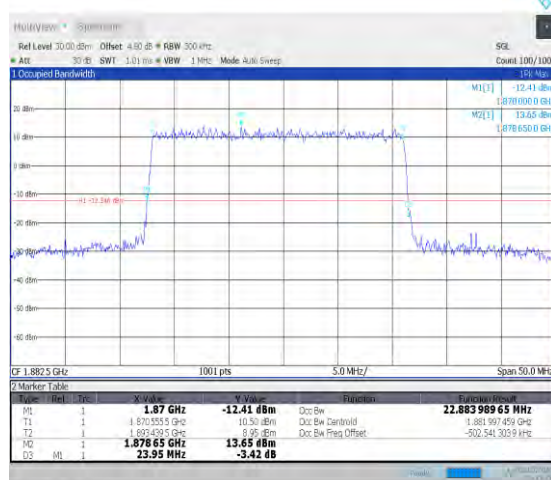
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06:17:44 03.05.2024

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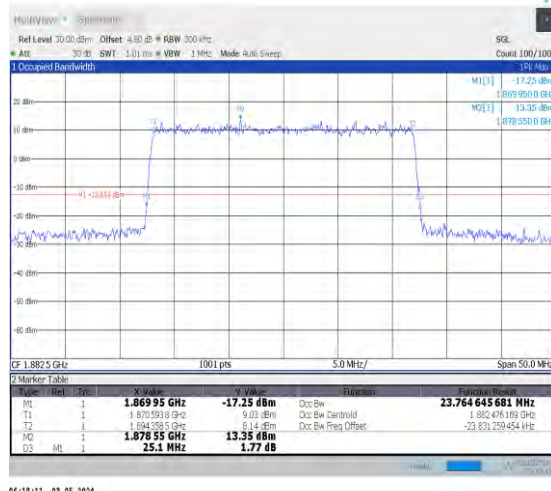
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Rev.: 01

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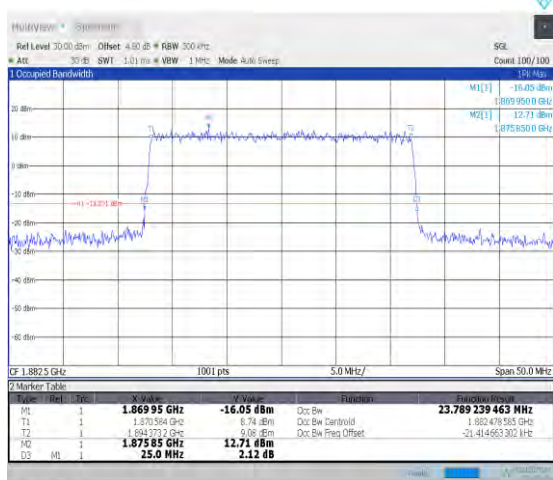
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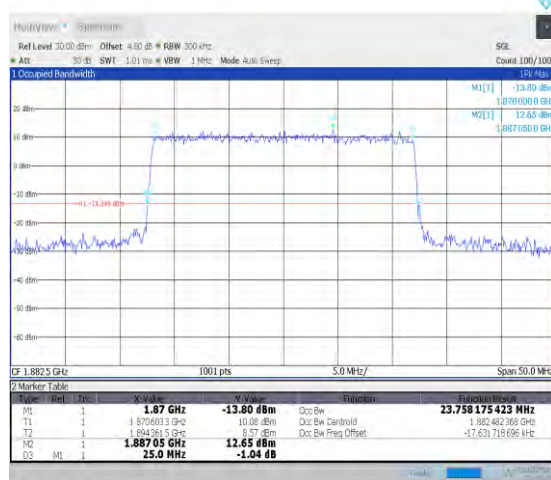
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06:18:27 03.05.2024

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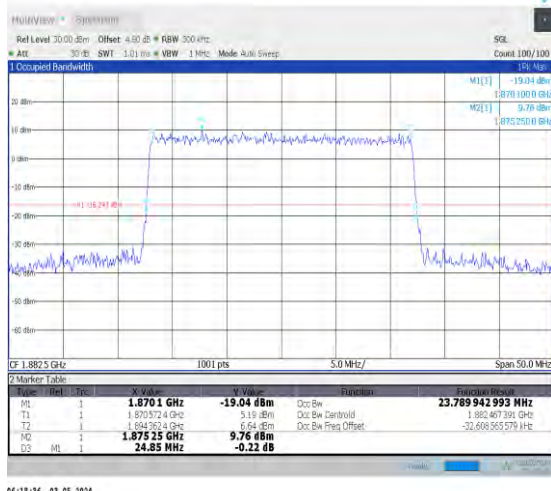


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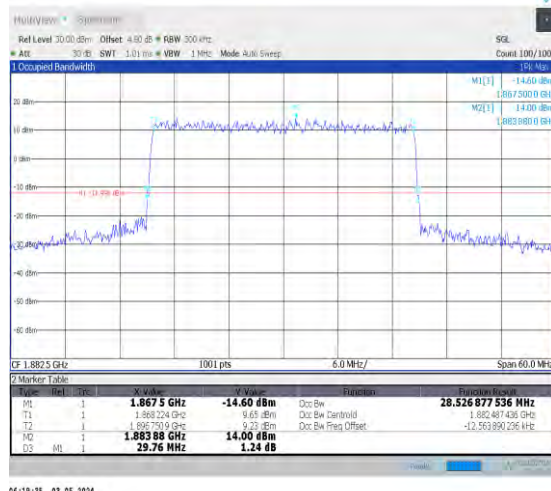
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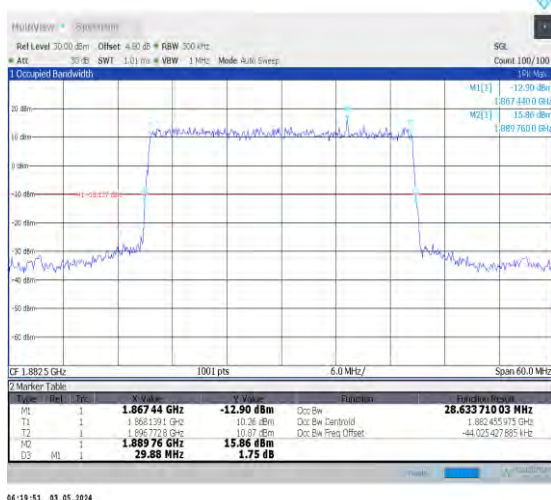
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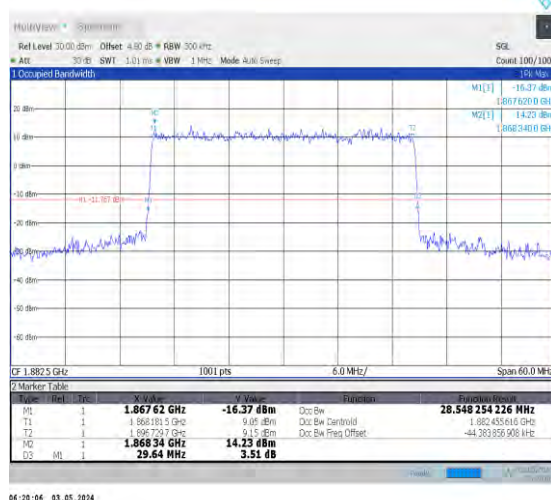
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0-Ant0-28.529-29.760-≤30-PASS



04:19:51 03.05.2024



04:20:06 03.05.2024

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0@0-Ant0-28.635-29.880-≤30-PASS

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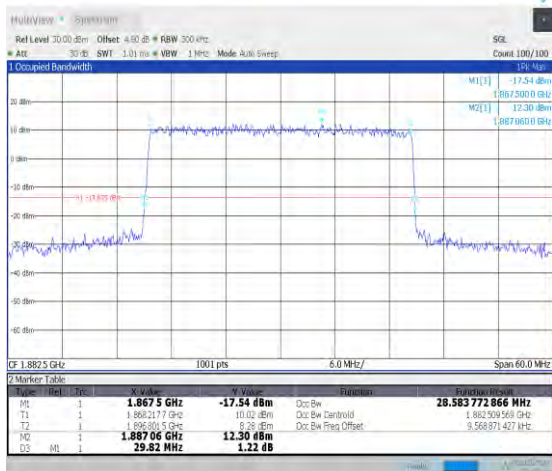
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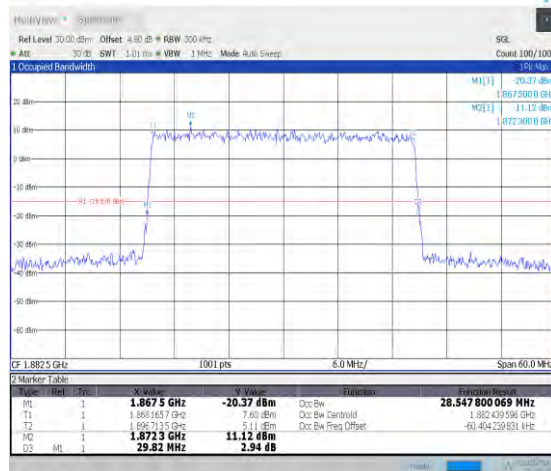
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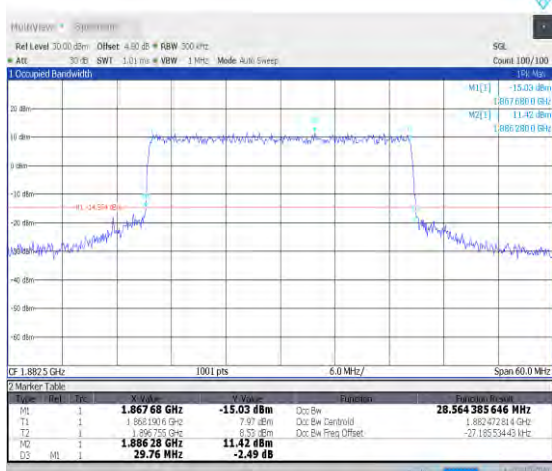
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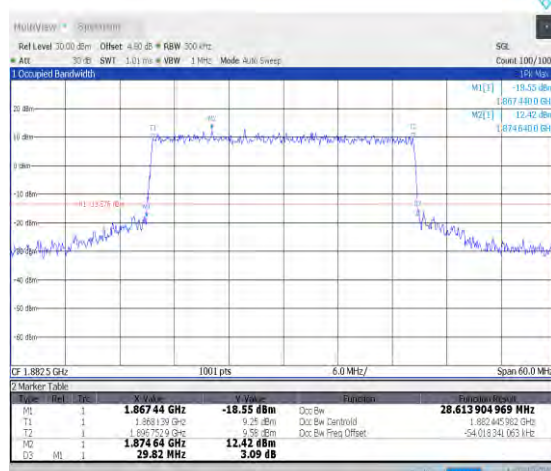
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1-N25-PC3-15-30-M-5-DFT-256QAM-Outer_Full-160
@0-Ant0-28.55-29.820-≤30-PASS



06:20:34 03.05.2024



06:20:41 03.05.2024

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-Ant0-28.568-29.760-≤30-PASS

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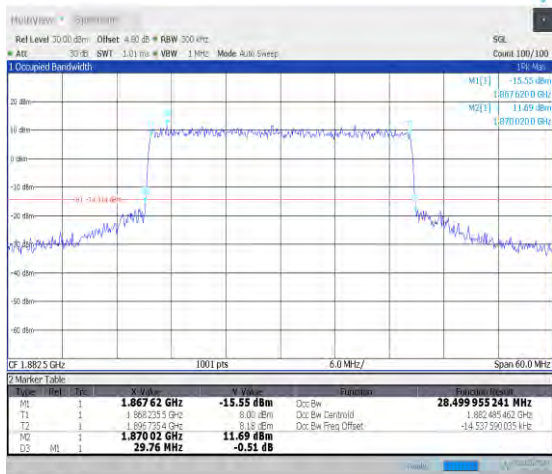
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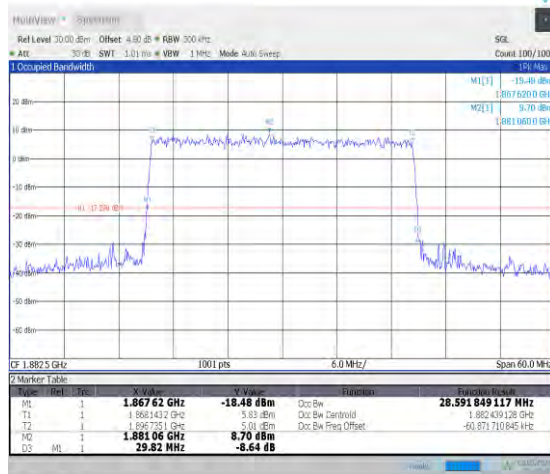
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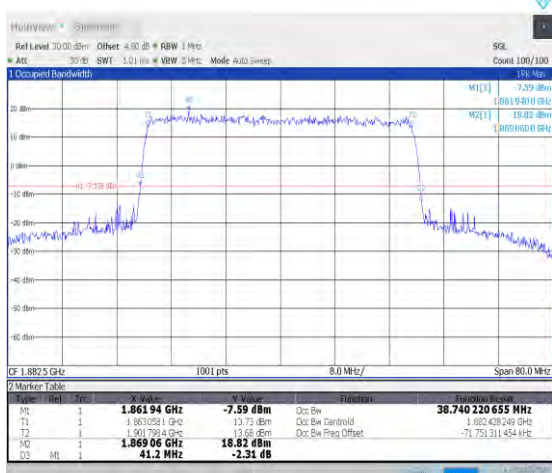
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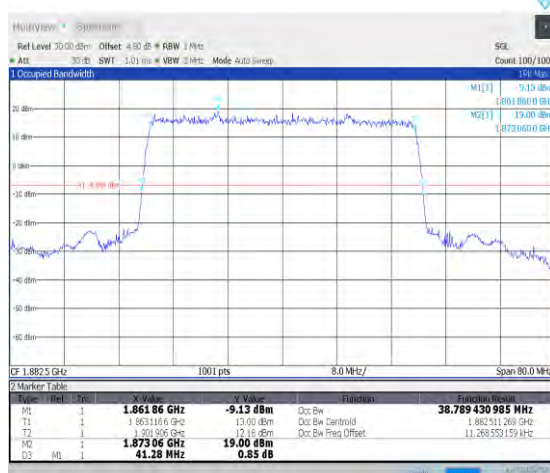
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1-N25-PC3-15-30-M-9-CP-256QAM-Outer_Full-160
@0-Ant0-28.593-29.820-≤30-PASS



10:53:12 03.05.2024



10:53:29 03.05.2024

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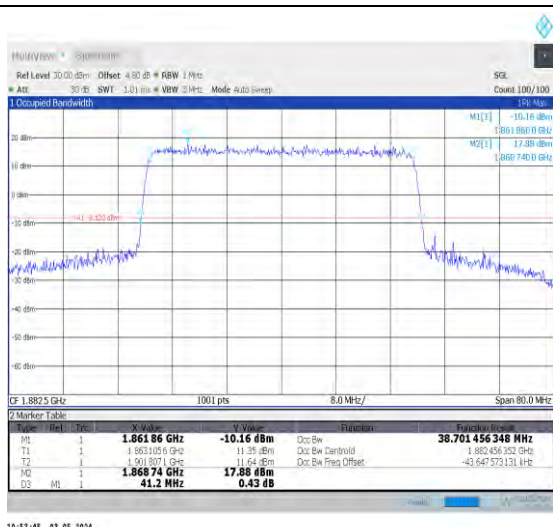
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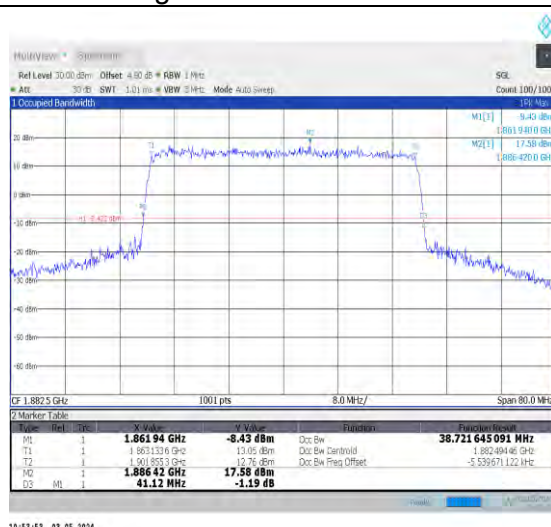
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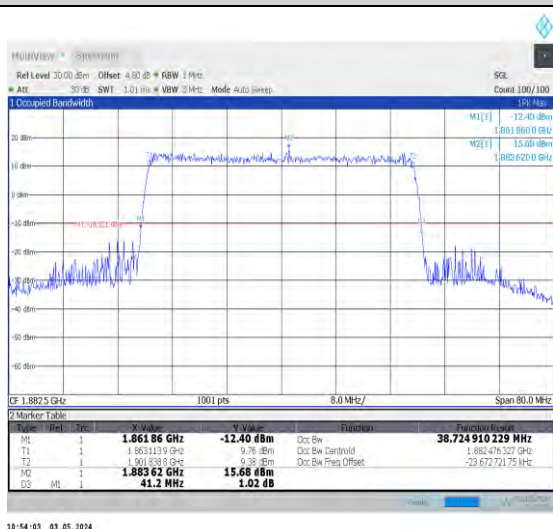
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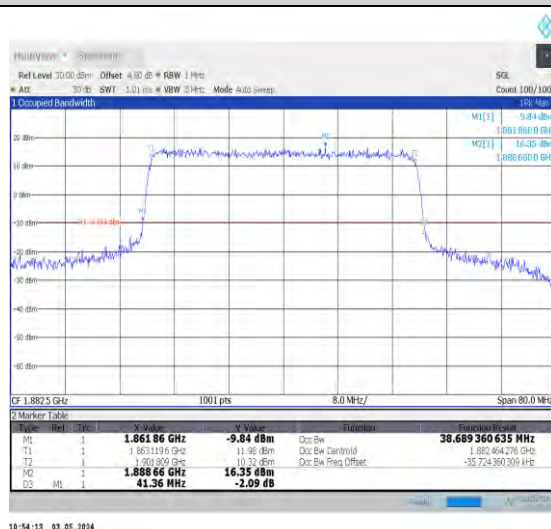
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@0-Ant0-38.722-41.120-≤40-PASS



10:54:02 03.05.2024



10:54:13 03.05.2024

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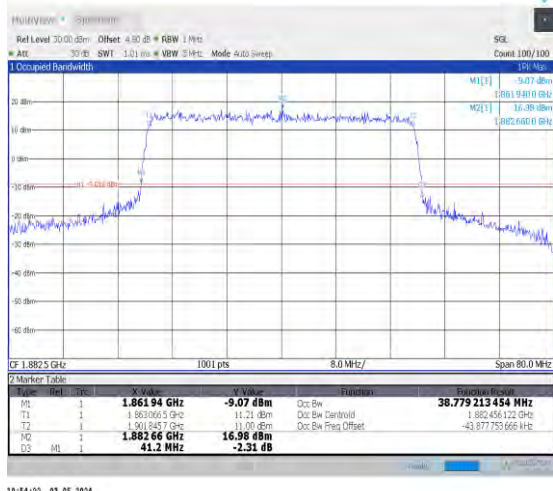
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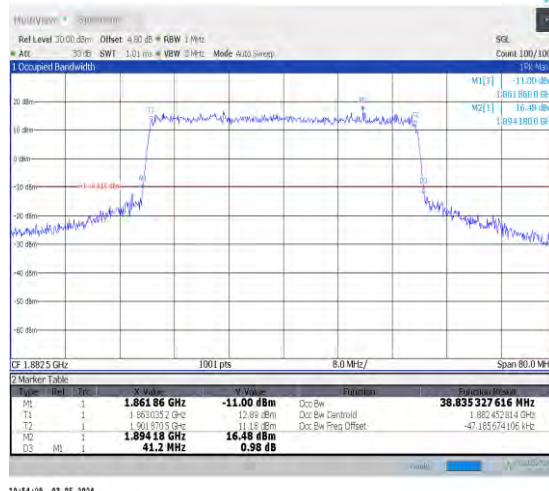
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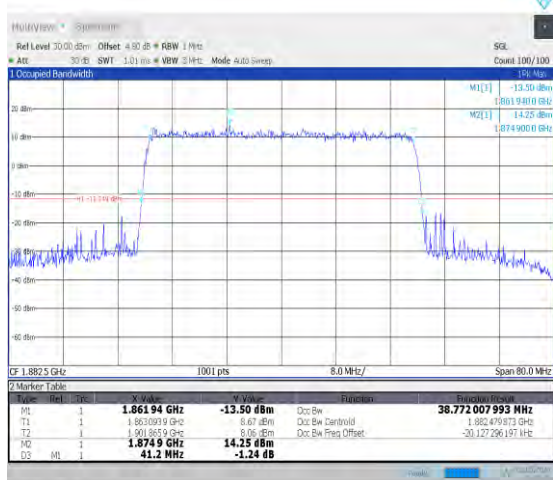
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10:54:39 03.05.2024

1-N25-PC3-15-40-M-9-CP-256QAM-Outer_Full-216
@0-Ant0-38.772-41.200-≤40-PASS



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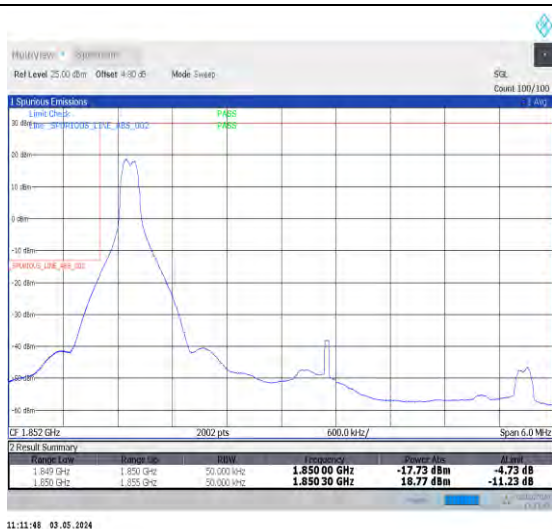
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Band Edge for SA

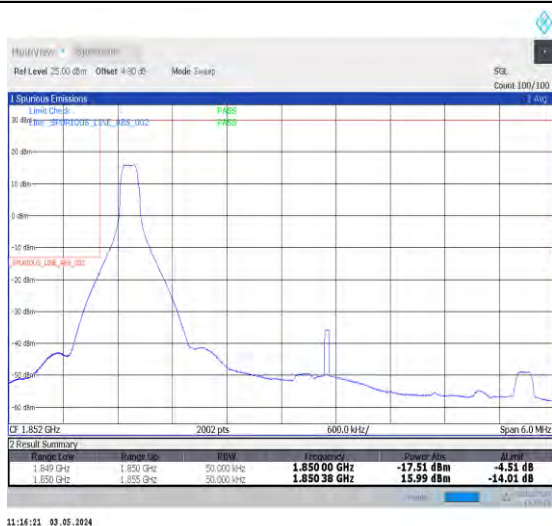
Test Graphs



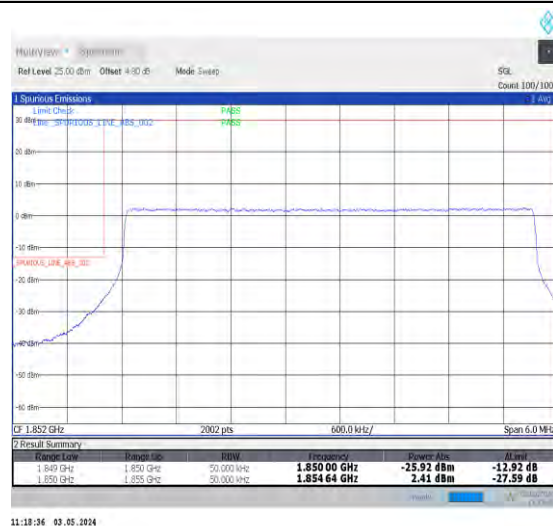
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1-N25-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph



1-N25-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-1-seegraph-PASS-see graph



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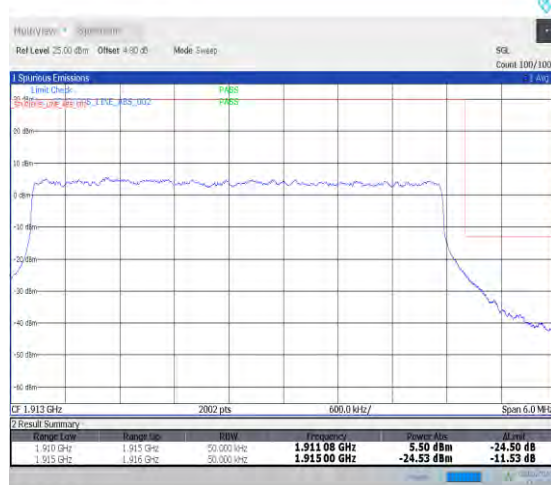
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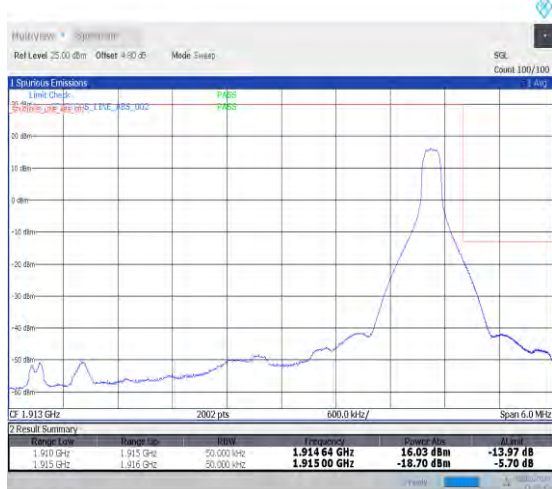
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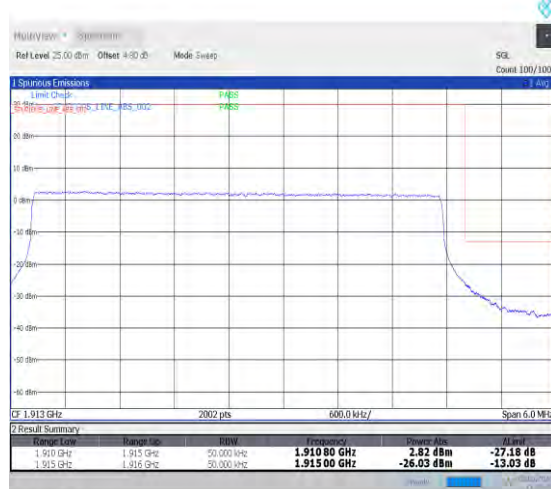
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11:28:29 03.05.2024

1-N25-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant0-1-seegraph-PASS-see graph



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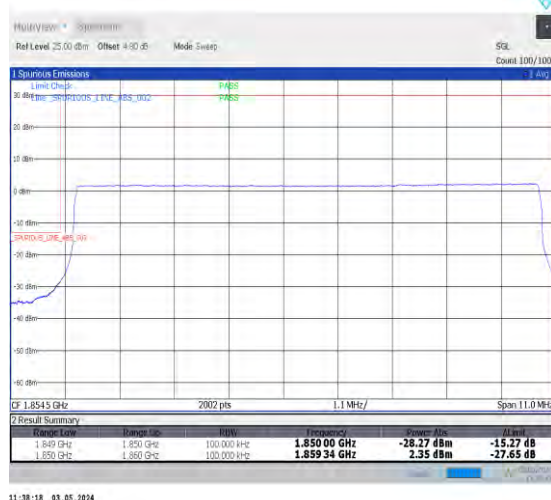
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1-N25-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-1-seegraph-PASS-see graph



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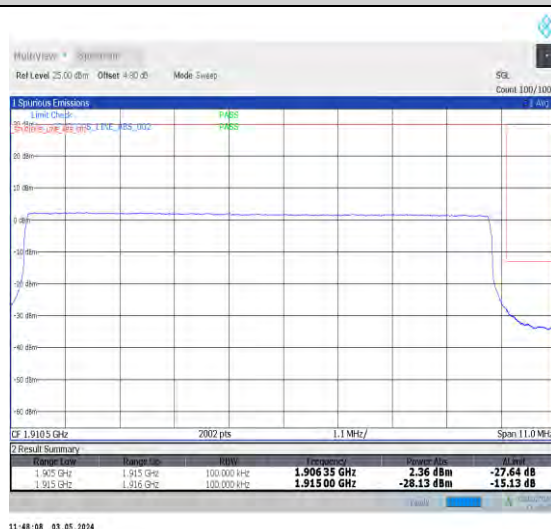
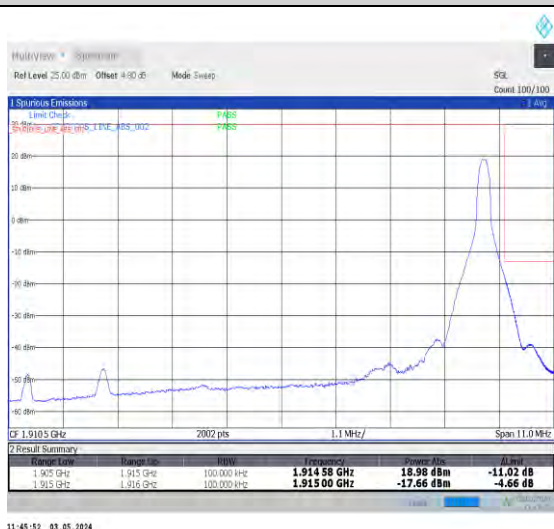
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1-N25-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-t1@51-Ant0-1-seegraph-PASS-see graph

1-N25-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1-seegraph-PASS-see graph



1-N25-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant0-1-seegraph-PASS-see graph

1-N25-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant0-1-seegraph-PASS-see graph



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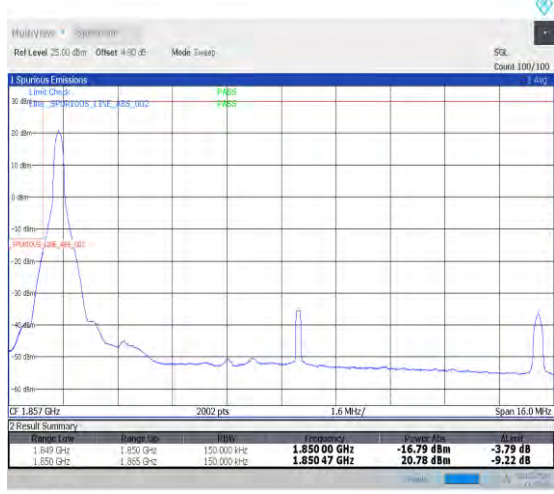
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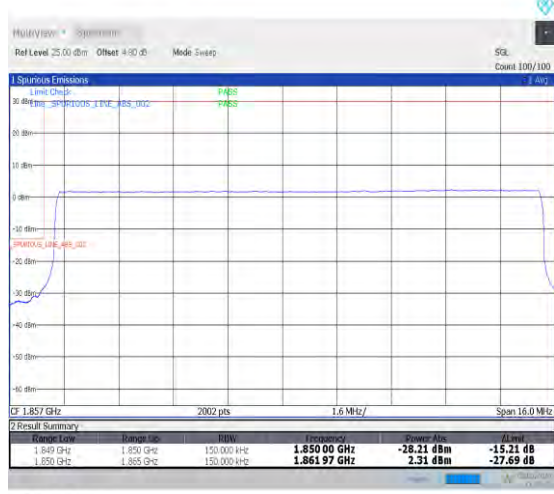
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11:57:25 03.05.2024

1-N25-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant0-1-seegraph-PASS-see graph



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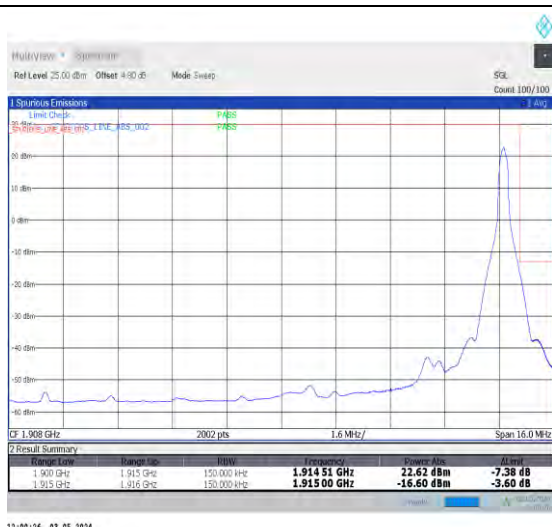
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12:09:16 03.05.2024

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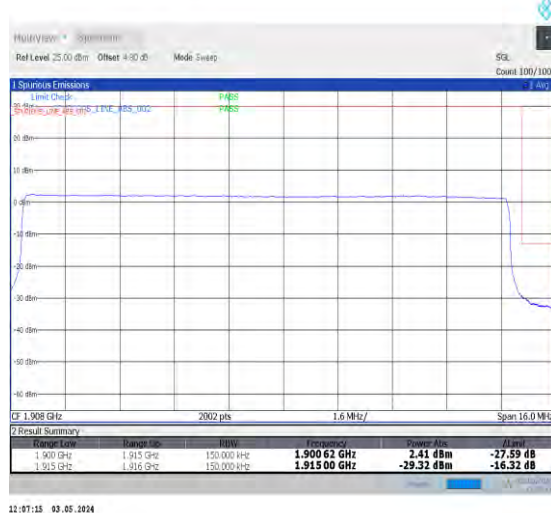
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12:07:15 03.05.2024

1-N25-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant0-1-seegraph-PASS-see graph



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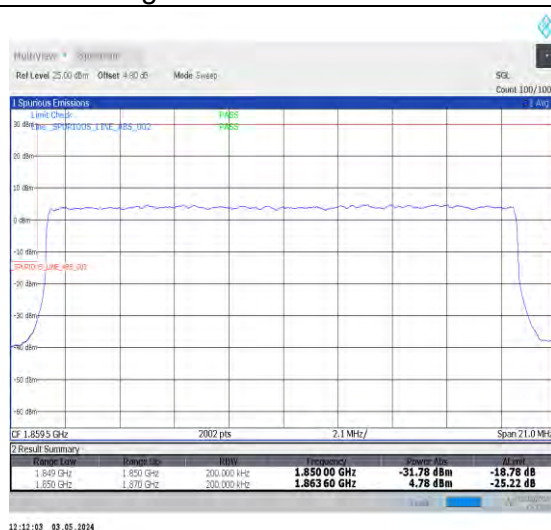
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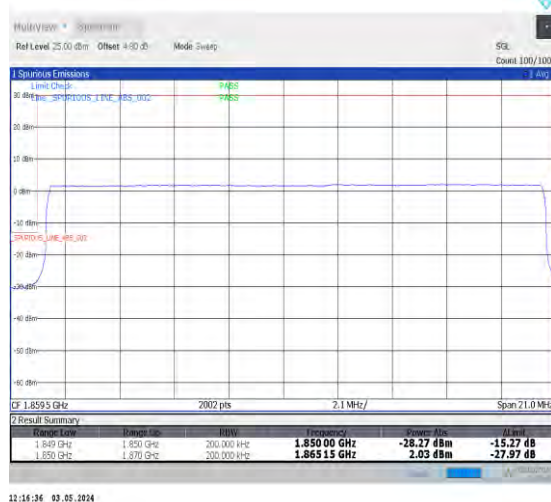
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1-N25-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph



1-N25-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1-seegraph-PASS-see graph



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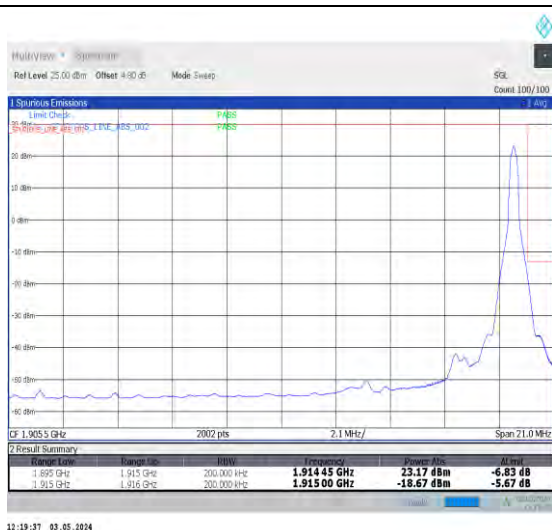
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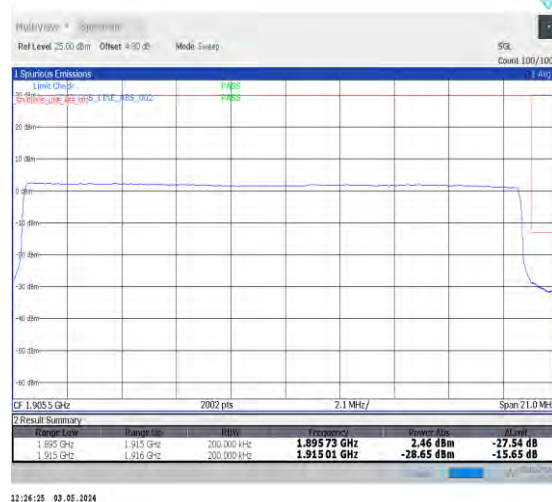
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1-N25-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1-seegraph-PASS-see graph



1-N25-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant0-1-seegraph-PASS-see graph

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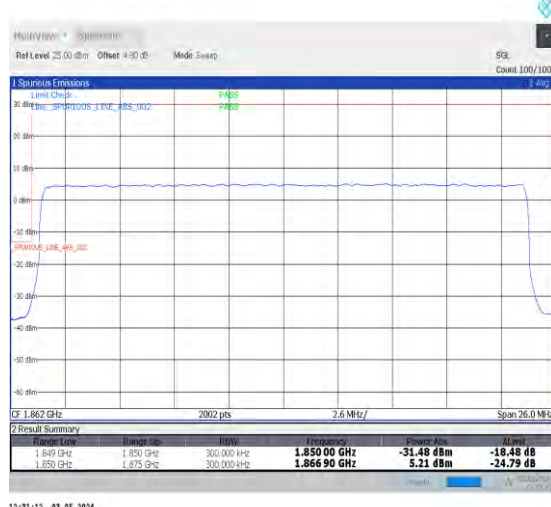
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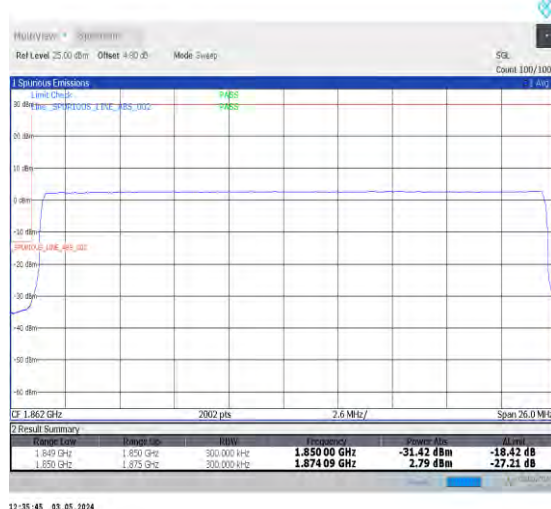
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1-N25-PC3-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph



12:35:45 03.05.2024

1-N25-PC3-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant0-1-seegraph-PASS-see graph



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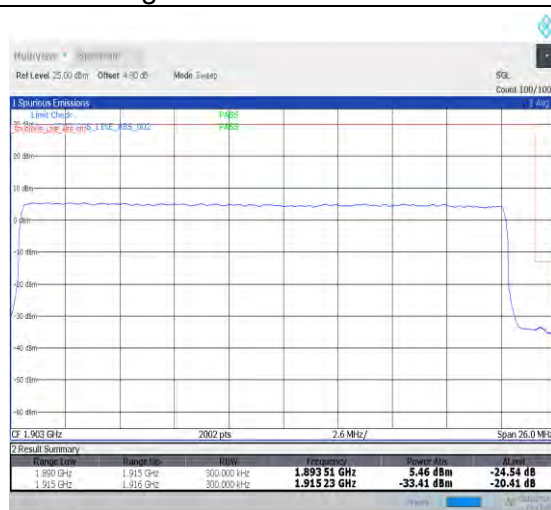
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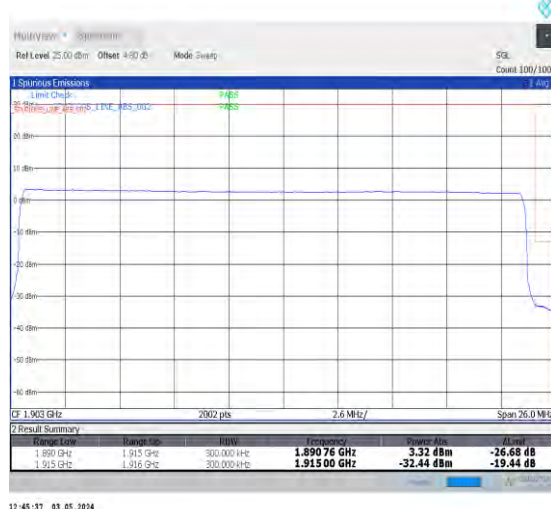
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11:45:37 03.05.2024

1-N25-PC3-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant0-1-seegraph-PASS-see graph



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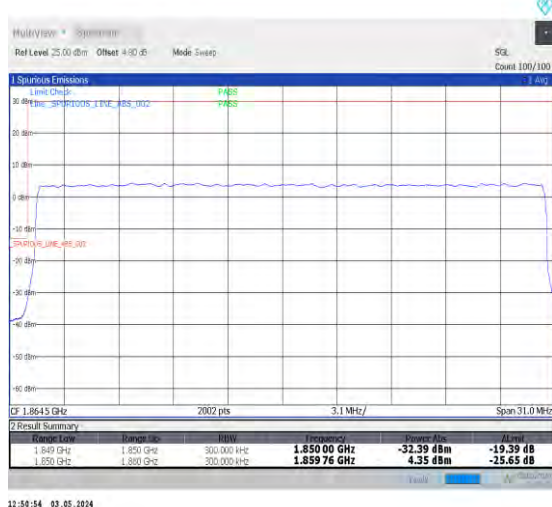
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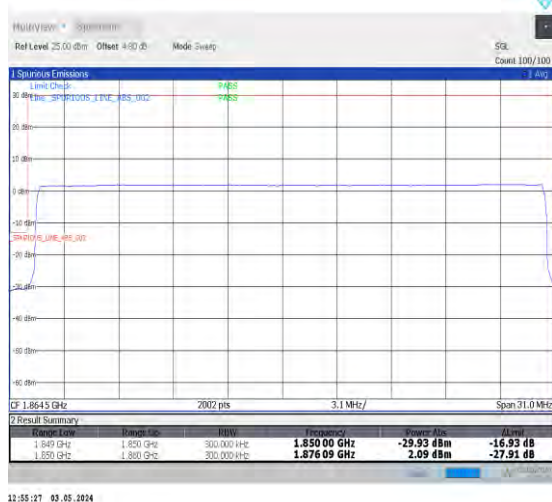
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11:55:27 03.05.2024

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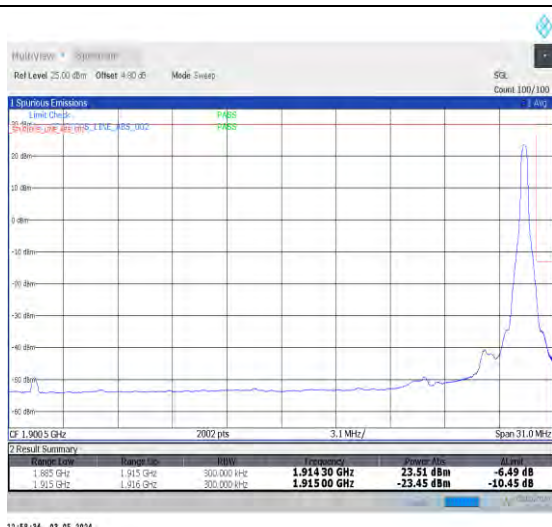
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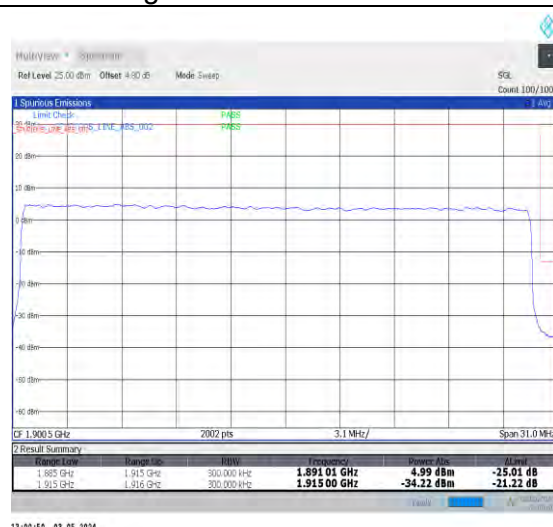
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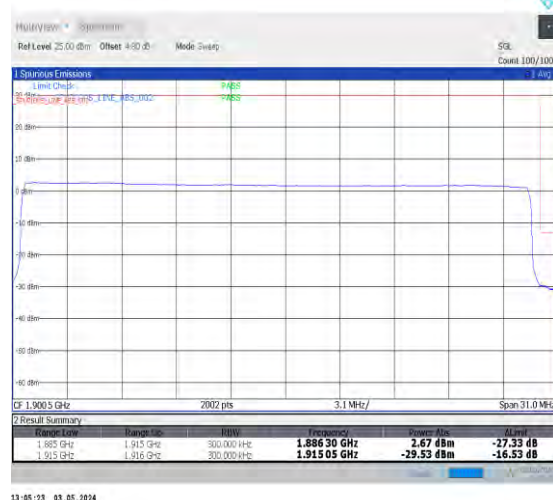
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13:05:23 03.05.2024

1-N25-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant0-1-seegraph-PASS-see graph



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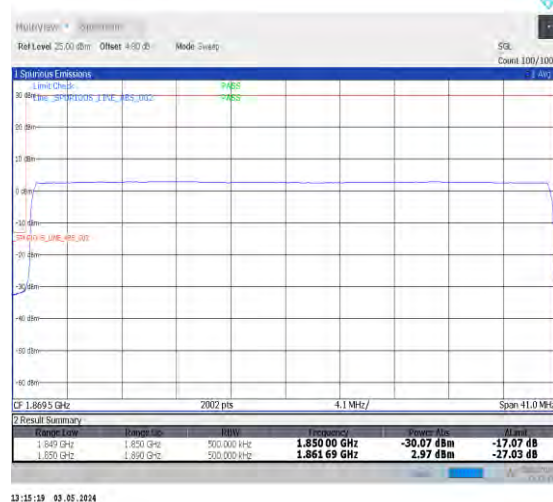
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1-N25-PC3-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph

1-N25-PC3-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant0-1-seegraph-PASS-see graph



1-N25-PC3-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph

1-N25-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant0-1-seegraph-PASS-see graph



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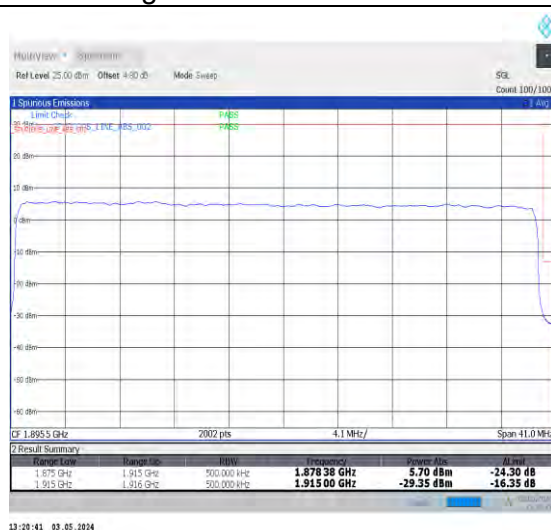
Report No.: SUCR240400009002

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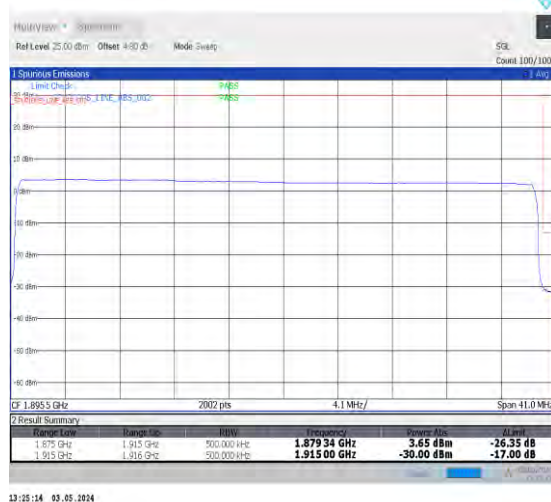
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1-N25-PC3-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant0-1-seegraph-PASS-see graph



1-N25-PC3-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant0-1-seegraph-PASS-see graph



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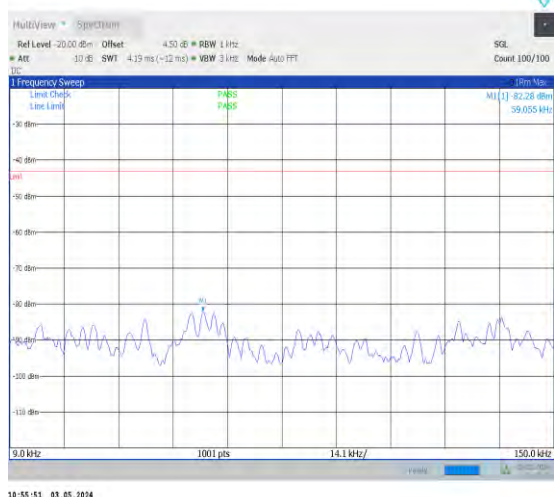
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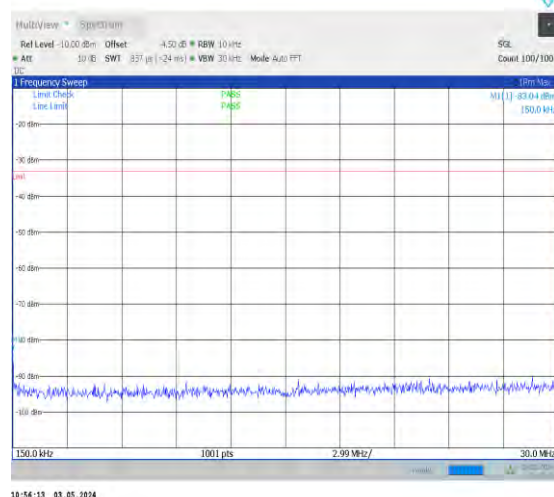
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Conducted Spurious Emission for SA

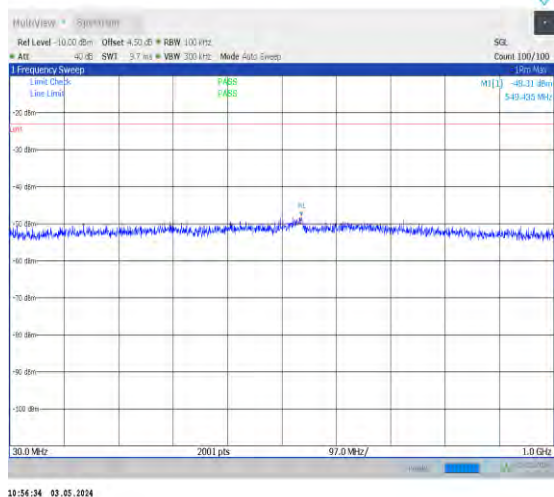
Test Graphs



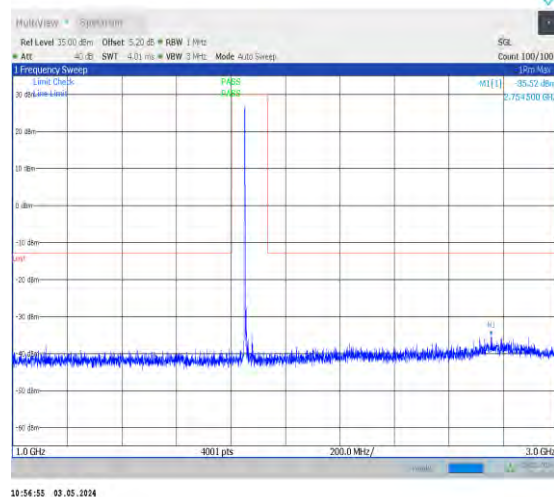
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1-N25-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-0.15-30-Ant0-0.15--83.04--33-PASS



1-N25-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Le
ft-1@1-30-1000-Ant0-549.44--48.31--23-PASS



1-N25-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-1000-3000-Ant0-2754.50--35.52--13-PASS



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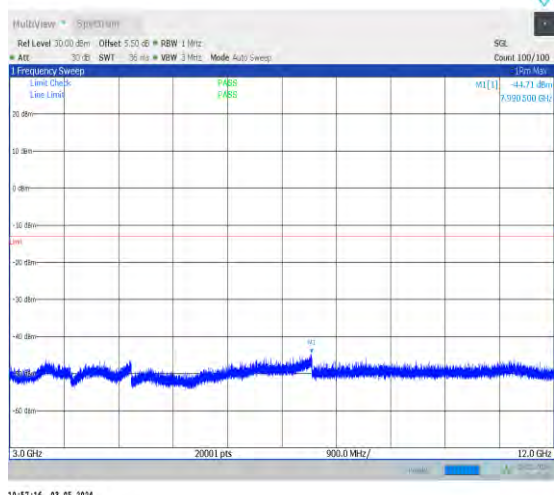
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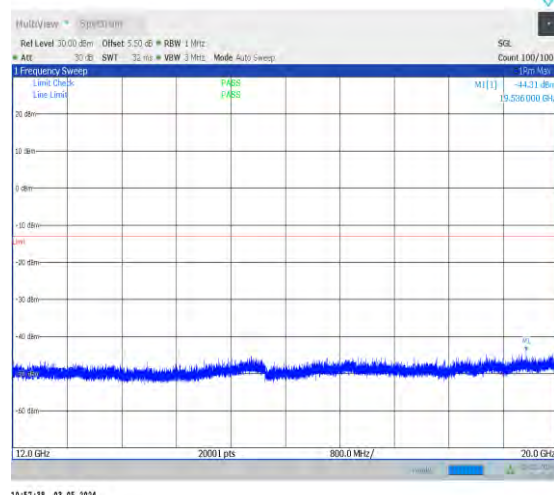
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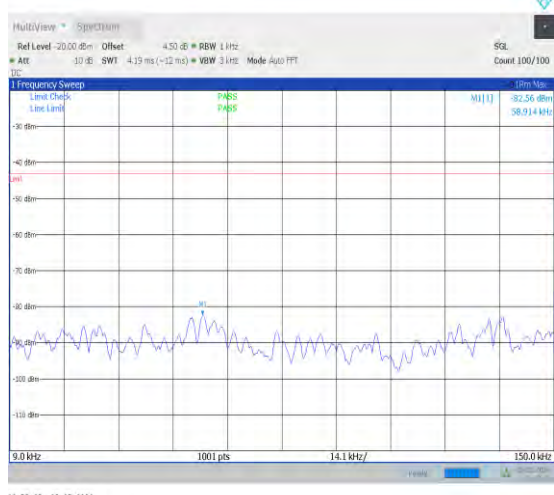
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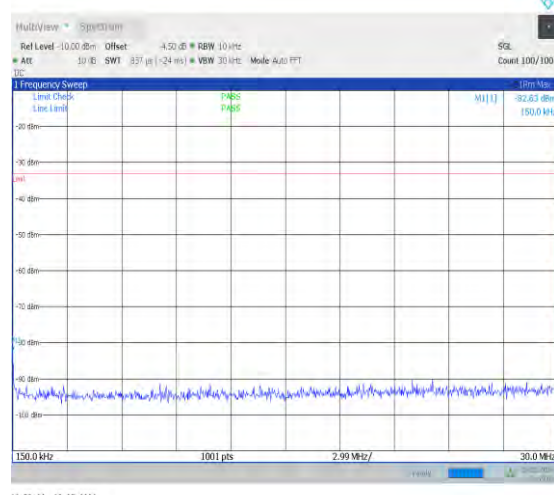
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10:58:43 03.05.2024

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10:59:04 03.05.2024

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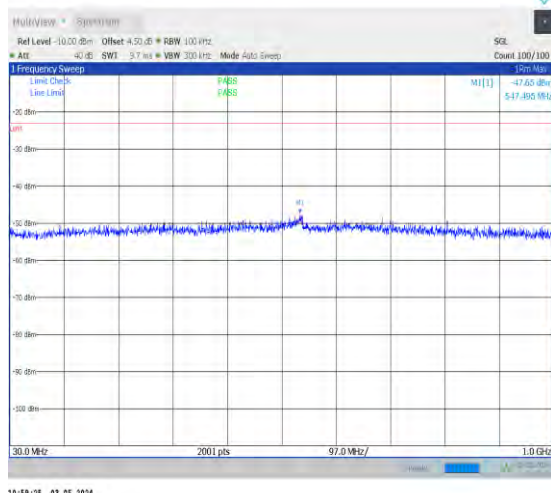
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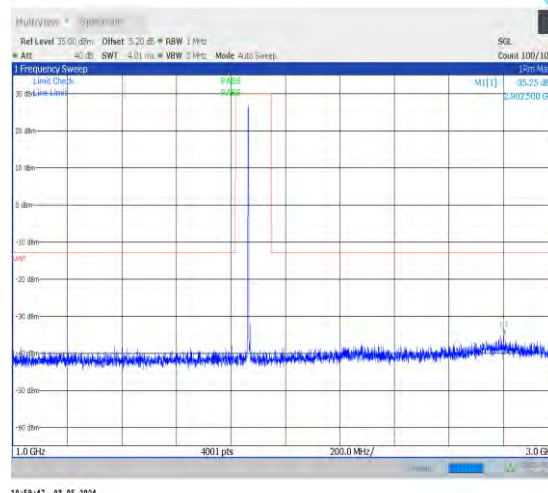
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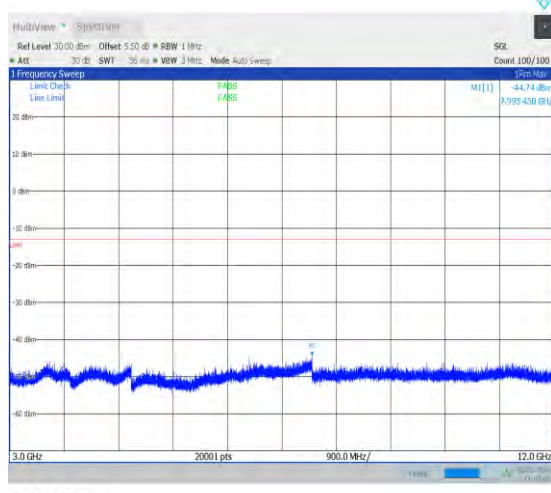
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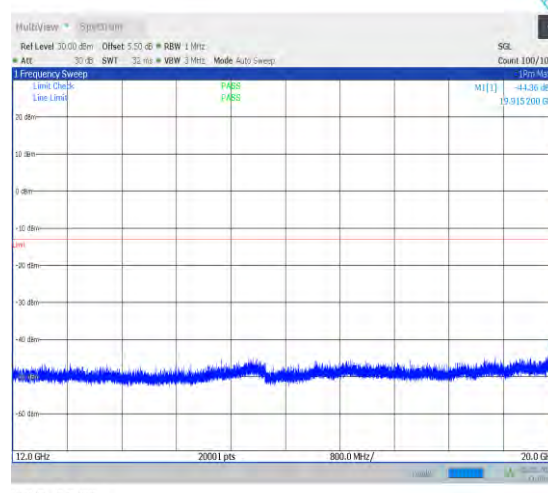
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11:00:08 03.05.2024

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S



11:00:29 03.05.2024

1-N25-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-20000-Ant0-19915.20--44.36--13-PASS



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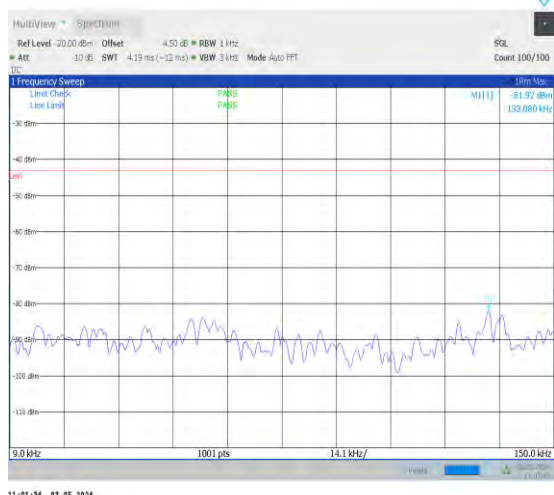
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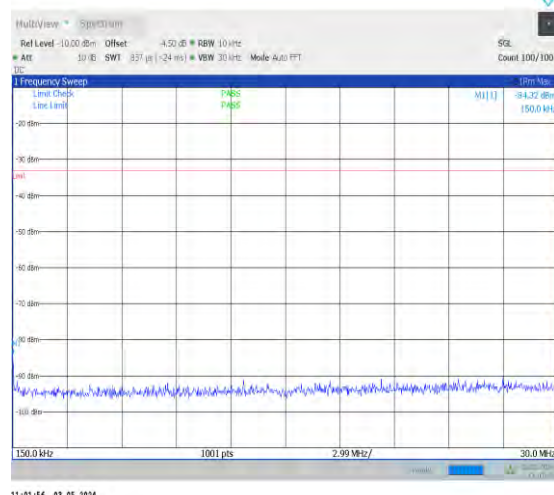
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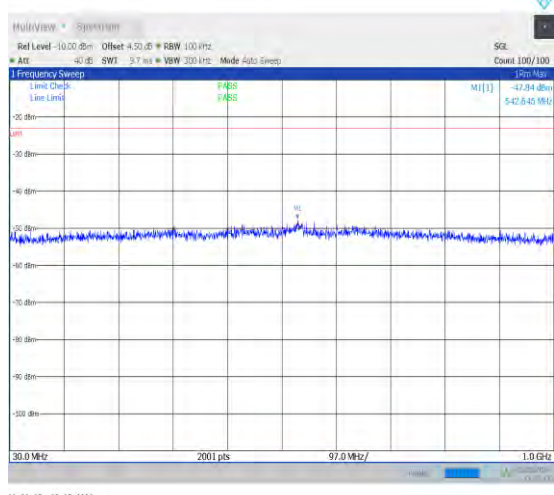
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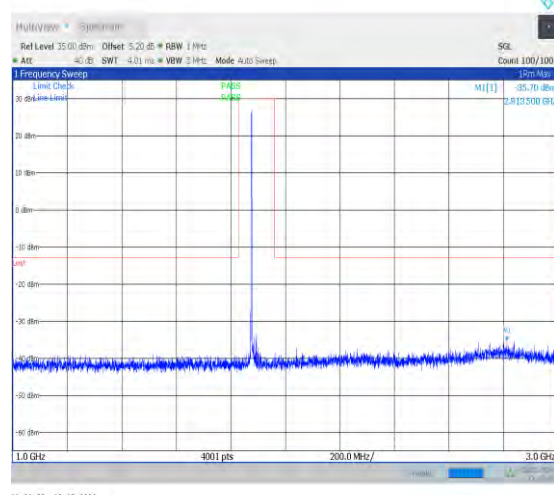
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11:02:58 03.05.2024

1-N25-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef
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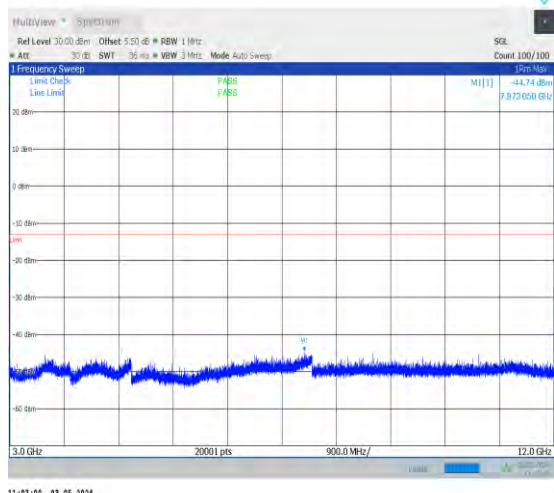
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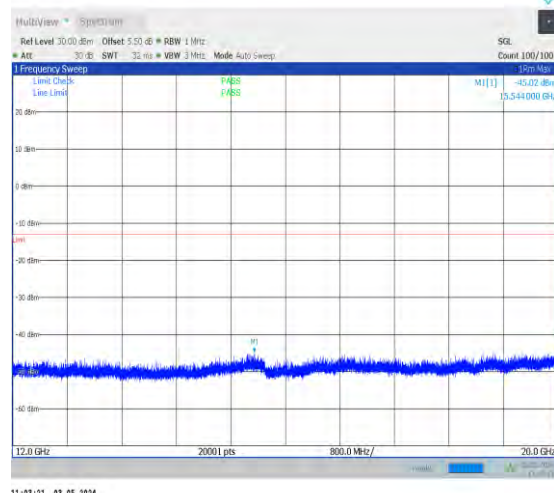
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S



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Field Strength of Spurious Radiation

Test Band = SA_N25

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3606.0303	54.40	-49.54	30.22	-60.18	-13.00	47.18	Horizontal
2	4401.0701	53.22	-48.73	32.19	-58.58	-13.00	45.58	Horizontal
3	6349.6675	51.87	-45.50	34.80	-54.09	-13.00	41.09	Horizontal
4	8551.7776	49.23	-41.40	39.07	-48.36	-13.00	35.36	Horizontal
5	12921.4961	47.09	-37.13	39.63	-45.67	-13.00	32.67	Horizontal
6	17998.4999	48.49	-38.99	42.79	-42.97	-13.00	29.97	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3623.2812	54.16	-49.53	30.29	-60.34	-13.00	47.34	Vertical
2	4583.3292	52.96	-47.89	32.10	-58.09	-13.00	45.09	Vertical
3	6092.4046	51.99	-45.81	34.48	-54.60	-13.00	41.60	Vertical
4	8544.2772	49.20	-41.47	38.96	-48.57	-13.00	35.57	Vertical
5	11401.1701	48.40	-38.51	39.70	-45.67	-13.00	32.67	Vertical
6	17911.4956	48.65	-38.22	42.27	-42.56	-13.00	29.56	Vertical



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Test Band = SA_N25

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3632.2816	54.13	-49.52	30.33	-60.32	-13.00	47.32	Horizontal
2	5152.6076	52.12	-47.14	33.53	-56.75	-13.00	43.75	Horizontal
3	7886.4943	50.25	-43.09	37.32	-50.78	-13.00	37.78	Horizontal
4	11218.9109	47.86	-38.89	39.68	-46.61	-13.00	33.61	Horizontal
5	15023.1012	47.14	-35.07	39.88	-43.31	-13.00	30.31	Horizontal
6	17996.2498	48.81	-38.98	42.78	-42.65	-13.00	29.65	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3726.0363	55.04	-49.72	30.40	-59.54	-13.00	46.54	Vertical
2	5592.1296	52.51	-46.39	33.37	-55.77	-13.00	42.77	Vertical
3	7856.4928	50.53	-42.83	37.14	-50.42	-13.00	37.42	Vertical
4	11414.6707	47.82	-38.47	39.67	-46.24	-13.00	33.24	Vertical
5	14551.3276	46.64	-35.19	40.55	-43.26	-13.00	30.26	Vertical
6	17986.4993	48.75	-38.97	42.72	-42.76	-13.00	29.76	Vertical



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Test Band = SA_N25
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3632.2816	54.20	-49.52	30.33	-60.25	-13.00	47.25	Horizontal
2	4942.5971	52.35	-47.20	33.19	-56.92	-13.00	43.92	Horizontal
3	7371.9686	50.91	-43.58	36.86	-51.07	-13.00	38.07	Horizontal
4	8548.0274	49.18	-41.40	39.05	-48.43	-13.00	35.43	Horizontal
5	11815.9408	47.69	-38.15	39.84	-45.88	-13.00	32.88	Horizontal
6	17992.4996	48.91	-38.98	42.75	-42.58	-13.00	29.58	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3750.7875	54.08	-49.45	30.50	-60.13	-13.00	47.13	Vertical
2	5430.1215	52.70	-46.66	33.28	-55.94	-13.00	42.94	Vertical
3	7356.9678	50.94	-43.48	36.89	-50.91	-13.00	37.91	Vertical
4	8542.0271	49.14	-41.52	38.91	-48.73	-13.00	35.73	Vertical
5	14545.3273	46.98	-35.28	40.55	-43.01	-13.00	30.01	Vertical
6	17907.7454	48.59	-38.15	42.25	-42.57	-13.00	29.57	Vertical



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Test Band = NSA_B12+N25

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4023	53.48	-48.97	31.01	-59.74	-13.00	46.74	Horizontal
2	5008	52.95	-47.39	33.15	-56.55	-13.00	43.55	Horizontal
3	7384	50.59	-43.66	36.83	-51.50	-13.00	38.50	Horizontal
4	9485.5	49.38	-40.73	39.14	-47.47	-13.00	34.47	Horizontal
5	13418	47.19	-36.54	40.26	-44.35	-13.00	31.35	Horizontal
6	17991	49.28	-38.98	42.75	-42.21	-13.00	29.21	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3701.5	55.51	-50.00	30.31	-59.44	-13.00	46.44	Vertical
2	5168.5	52.84	-46.89	33.12	-56.19	-13.00	43.19	Vertical
3	7346.5	50.05	-43.51	36.91	-51.81	-13.00	38.81	Vertical
4	9487.5	49.20	-40.71	39.15	-47.62	-13.00	34.62	Vertical
5	13404.5	47.24	-36.62	40.29	-44.35	-13.00	31.35	Vertical
6	17997.5	48.66	-38.99	42.79	-42.80	-13.00	29.80	Vertical



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Test Band = NSA_B12+N25

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3613.5	54.50	-49.54	30.25	-60.05	-13.00	47.05	Horizontal
2	5692.5	51.79	-46.13	33.47	-56.13	-13.00	43.13	Horizontal
3	8548.5	49.17	-41.39	39.06	-48.42	-13.00	35.42	Horizontal
4	9471.5	49.86	-40.87	39.09	-47.18	-13.00	34.18	Horizontal
5	14545	46.52	-35.29	40.56	-43.47	-13.00	30.47	Horizontal
6	17992	48.87	-38.98	42.75	-42.62	-13.00	29.62	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3616.5	54.22	-49.53	30.27	-60.30	-13.00	47.30	Vertical
2	5140.5	52.48	-47.24	33.58	-56.44	-13.00	43.44	Vertical
3	8550.5	49.12	-41.37	39.09	-48.42	-13.00	35.42	Vertical
4	9494.5	49.21	-40.64	39.18	-47.51	-13.00	34.51	Vertical
5	14366	47.68	-36.34	40.57	-43.35	-13.00	30.35	Vertical
6	17989.5	49.39	-38.98	42.74	-42.11	-13.00	29.11	Vertical



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Test Band = NSA_B12+N25
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3736	54.29	-49.61	30.44	-60.14	-13.00	47.14	Horizontal
2	5626.5	52.18	-46.29	33.35	-56.02	-13.00	43.02	Horizontal
3	8993.5	49.59	-41.22	38.76	-48.13	-13.00	35.13	Horizontal
4	11416	48.03	-38.47	39.67	-46.03	-13.00	33.03	Horizontal
5	14544	47.44	-35.31	40.56	-42.57	-13.00	29.57	Horizontal
6	17997	48.78	-38.99	42.78	-42.69	-13.00	29.69	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3751.5	55.98	-49.46	30.50	-58.24	-13.00	45.24	Vertical
2	5151	52.58	-47.16	33.57	-56.27	-13.00	43.27	Vertical
3	8550	49.18	-41.36	39.10	-48.34	-13.00	35.34	Vertical
4	9466.5	49.79	-40.92	39.07	-47.32	-13.00	34.32	Vertical
5	14370.5	48.19	-36.30	40.56	-42.81	-13.00	29.81	Vertical
6	17995	48.80	-38.98	42.77	-42.67	-13.00	29.67	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
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-0.900000	-0.000478	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.600000	0.001912	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	0.600000	0.000319	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VH	NT	-0.900000	-0.000478	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VN	NT	-0.800000	-0.000425	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VL	NT	2.400000	0.001275	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	6.300000	0.003347	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-1.100000	-0.000584	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.600000	0.000850	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	8.900000	0.004728	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-0.300000	-0.000159	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	3.400000	0.001806	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	4.700000	0.002497	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	3.600000	0.001912	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	3.200000	0.001700	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	50	1.500000	0.000797	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-20	5.900000	0.003134	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-10	4.600000	0.002444	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	0	4.200000	0.002231	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	10	-2.200000	-0.001169	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	20	-3.200000	-0.001700	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	30	-2.900000	-0.001541	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	40	-1.700000	-0.000903	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-30	0.000000	0.000000	PASS

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