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Appendix B.47

NR Band n71



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Effective (Isotropic) Radiated Power Output Data for SA**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.78	24.7	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.9	24.82	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	24	24.92	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	24.01	24.93	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	23.87	24.79	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	24.06	24.98	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	24.16	25.08	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	24.07	24.99	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	23.25	24.17	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	22.86	23.78	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	22.76	23.68	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	22.66	23.58	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	20.16	21.08	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	20.06	20.98	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	18.56	19.48	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.53	24.45	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.47	24.39	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	23.55	24.47	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	23.5	24.42	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	23.36	24.28	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	23.54	24.46	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	23.66	24.58	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	23.47	24.39	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	22.76	23.68	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	22.36	23.28	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	22.27	23.19	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	22.3	23.22	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	19.93	20.85	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	19.64	20.56	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	18.22	19.14	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.58	24.5	34.77	PASS



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N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.45	24.37	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Outer_Full	23.55	24.47	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	23.57	24.49	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	23.32	24.24	34.77	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	23.52	24.44	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	23.61	24.53	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	23.56	24.48	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	22.73	23.65	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	22.5	23.42	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	22.36	23.28	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	22.29	23.21	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	19.77	20.69	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	19.56	20.48	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	18.18	19.1	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.76	24.68	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	24.63	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	23.46	24.38	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	23.68	24.6	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	23.57	24.49	34.77	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	23.46	24.38	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	23.73	24.65	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	23.62	24.54	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	22.63	23.55	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	22.54	23.46	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	22.45	23.37	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	22.08	23	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	19.89	20.81	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	19.74	20.66	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	18.23	19.15	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.64	24.56	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.39	24.31	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	23.46	24.38	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	23.6	24.52	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	23.55	24.47	34.77	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	23.4	24.32	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	23.79	24.71	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	23.47	24.39	34.77	PASS



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N71	15	10	DFT-16QAM	M	Outer_Full	22.59	23.51	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	22.57	23.49	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	22.46	23.38	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	22.24	23.16	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	19.83	20.75	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	19.69	20.61	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	23.62	24.54	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.6	24.52	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.34	24.26	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	23.6	24.52	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	23.47	24.39	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	23.47	24.39	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	23.59	24.51	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.41	24.33	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	23.43	24.35	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	22.61	23.53	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	22.31	23.23	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	22.22	23.14	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	22.26	23.18	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	19.63	20.55	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	19.57	20.49	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	19.46	20.38	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.81	24.73	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.75	24.67	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	23.69	24.61	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	23.69	24.61	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	23.69	24.61	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	23.73	24.65	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.94	24.86	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	23.86	24.78	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	22.88	23.8	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	22.67	23.59	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	22.54	23.46	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	22.46	23.38	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	19.77	20.69	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	19.87	20.79	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	19.69	20.61	34.77	PASS



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N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	24.65	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.53	24.45	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	23.64	24.56	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	23.67	24.59	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	23.49	24.41	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	23.72	24.64	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	23.8	24.72	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.5	24.42	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	22.85	23.77	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	22.55	23.47	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	22.38	23.3	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	22.36	23.28	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	20.02	20.94	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	19.7	20.62	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	19.42	20.34	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.69	24.61	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.48	24.4	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	23.61	24.53	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	23.64	24.56	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	23.5	24.42	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	23.58	24.5	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.64	24.56	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	23.42	24.34	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	22.77	23.69	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	22.44	23.36	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	22.25	23.17	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	22.26	23.18	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	19.63	20.55	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	19.49	20.41	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	19.36	20.28	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.72	24.64	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.51	24.43	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	23.67	24.59	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	23.77	24.69	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	23.48	24.4	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	23.75	24.67	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.86	24.78	34.77	PASS



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N71	15	20	DFT-16QAM	L	Outer_Full	22.9	23.82	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	22.63	23.55	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	22.46	23.38	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	22.39	23.31	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	19.73	20.65	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	19.67	20.59	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	19.53	20.45	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.71	24.63	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.47	24.39	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	23.69	24.61	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	23.62	24.54	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	23.48	24.4	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	23.73	24.65	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	23.71	24.63	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.39	24.31	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	22.76	23.68	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	22.59	23.51	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	22.32	23.24	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	22.44	23.36	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	19.88	20.8	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	19.78	20.7	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	19.68	20.6	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.63	24.55	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.45	24.37	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	23.64	24.56	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	23.76	24.68	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	23.59	24.51	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	23.6	24.52	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.76	24.68	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	23.51	24.43	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	22.74	23.66	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	22.59	23.51	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	22.19	23.11	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	22.2	23.12	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	19.84	20.76	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	19.57	20.49	34.77	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
N71	15	20	DFT-256QAM	L	Outer_Full	6.40	13	PASS
N71	15	20	CP-256QAM	L	Outer_Full	8.30	13	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	6.36	13	PASS
N71	15	20	CP-256QAM	M	Outer_Full	8.17	13	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	6.29	13	PASS
N71	15	20	CP-256QAM	H	Outer_Full	8.22	13	PASS



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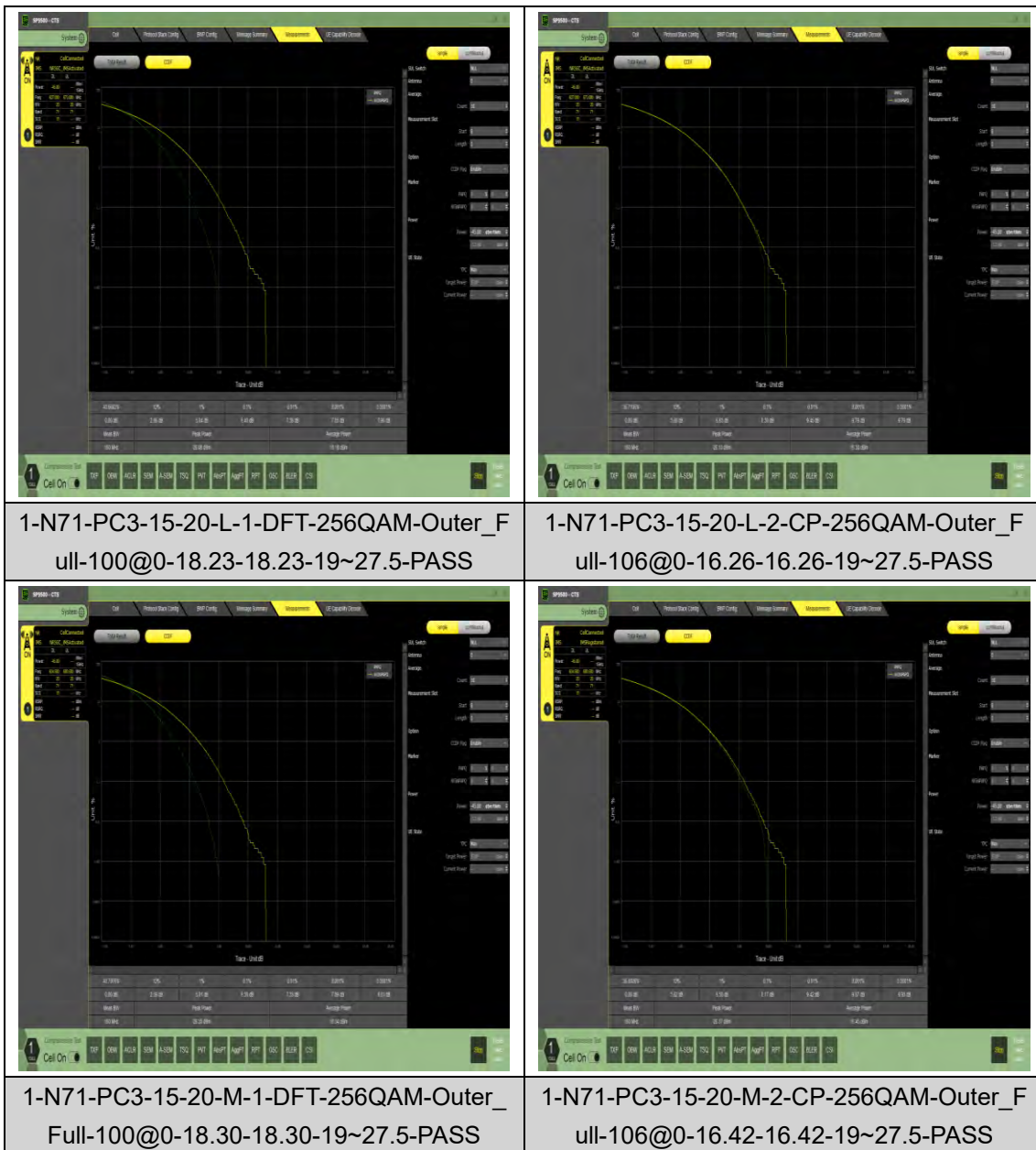
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Test Graphs



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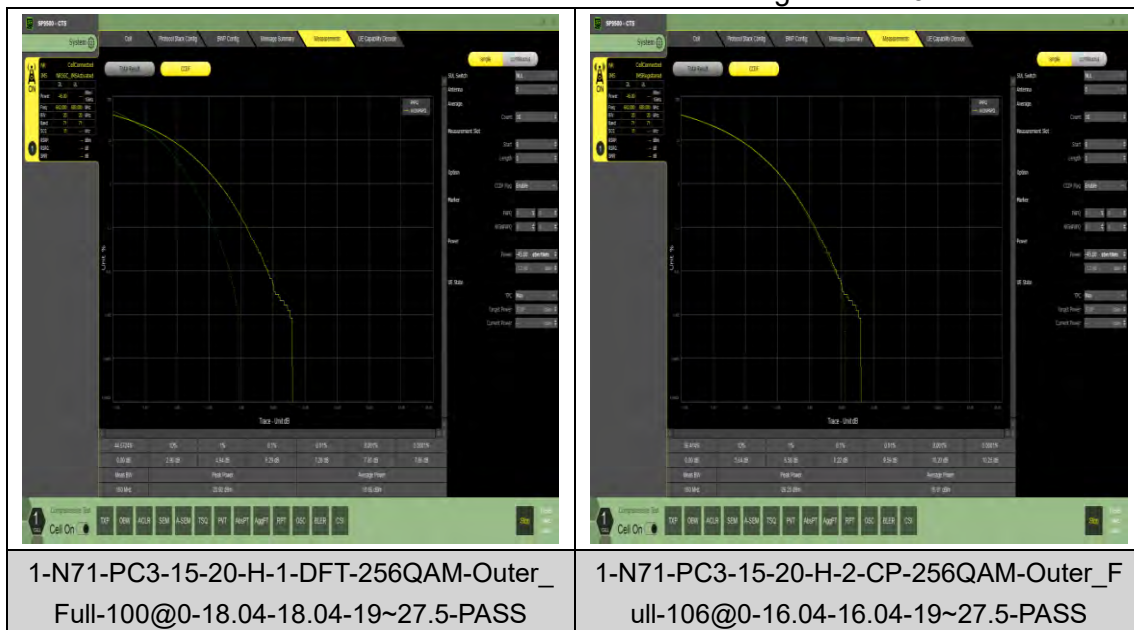
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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-QPSK	M	Outer_Full	4.494	5.070	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.468	4.930	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.556	5.250	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.488	5.030	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.495	5.040	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.483	5.100	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.583	5.320	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.487	5.000	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.484	5.080	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.934	9.600	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.9	9.520	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.947	9.580	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.942	9.600	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.905	9.700	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.274	10.160	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.285	10.080	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.288	9.960	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.294	9.900	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.481	14.460	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.486	14.520	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.515	14.460	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.491	14.340	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.528	14.670	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.132	15.240	PASS
N71	15	15	CP-16QAM	M	Outer_Full	14.161	15.180	PASS
N71	15	15	CP-64QAM	M	Outer_Full	14.146	15.450	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.148	15.210	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.894	19.000	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.924	18.920	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.889	19.080	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.933	19.040	PASS



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N71	15	20	DFT-256QAM	M	Outer_Full	17.867	18.840	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.924	20.160	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.952	20.080	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.915	20.040	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.999	20.160	PASS



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Test Graphs



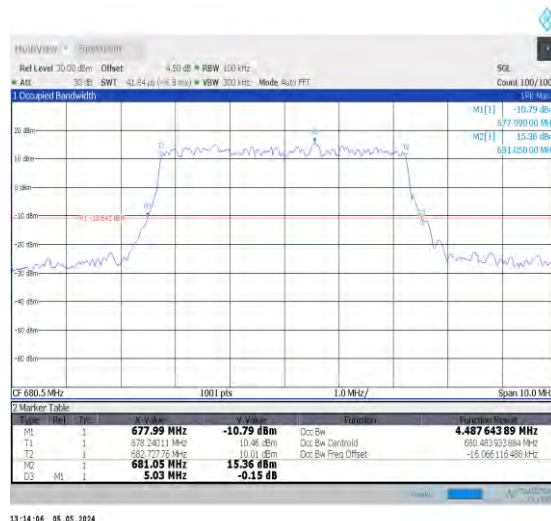
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1-N71-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25
@0-Ant0-4.468-4.930-≤5-PASS



1-N71-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0
-Ant0-4.556-5.250-≤5-PASS



1-N71-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0
-Ant0-4.488-5.030-≤5-PASS



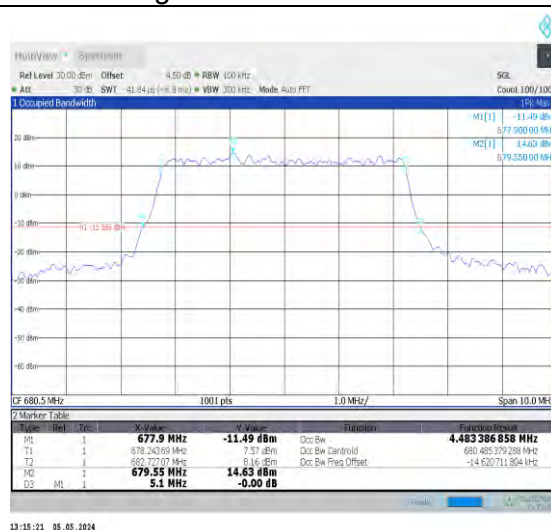
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1-N71-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant0-4.495-5.040-≤5-PASS

1-N71-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant0-4.483-5.100-≤5-PASS



1-N71-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant0-4.583-5.320-≤5-PASS

1-N71-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant0-4.487-5.000-≤5-PASS



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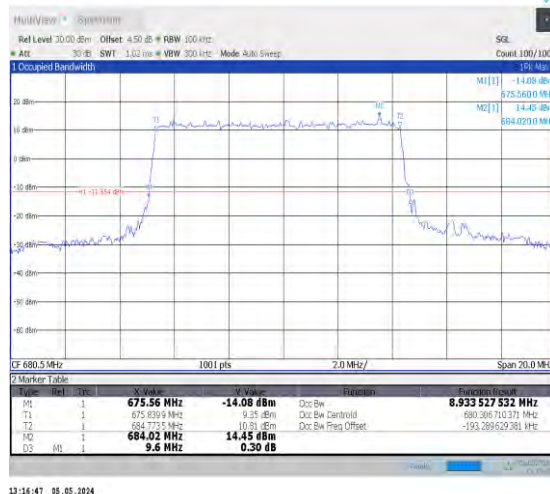
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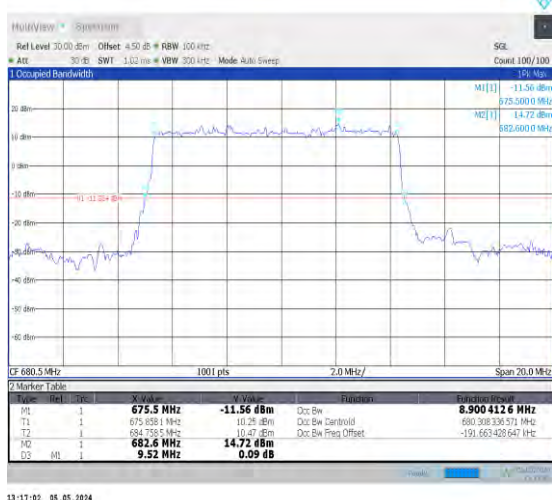
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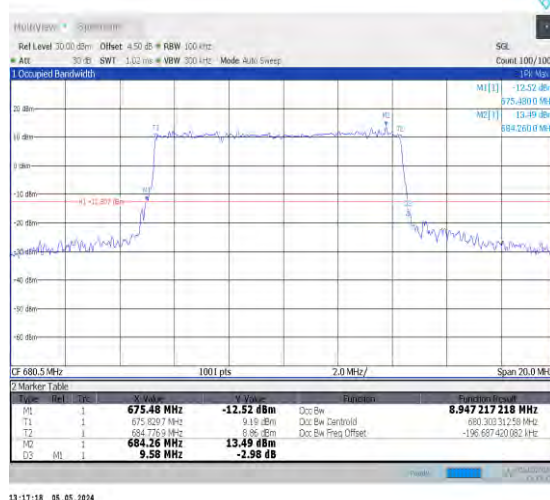
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1-N71-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0
-Ant0-8.934-9.600-≤10-PASS



1-N71-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant0-8.9-9.520-≤10-PASS



1-N71-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant0-8.947-9.580-≤10-PASS



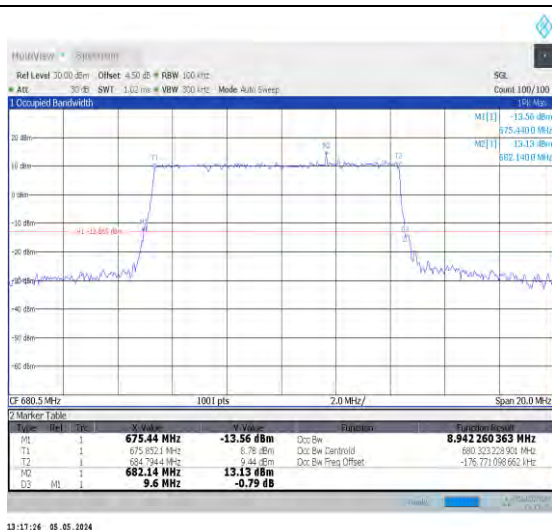
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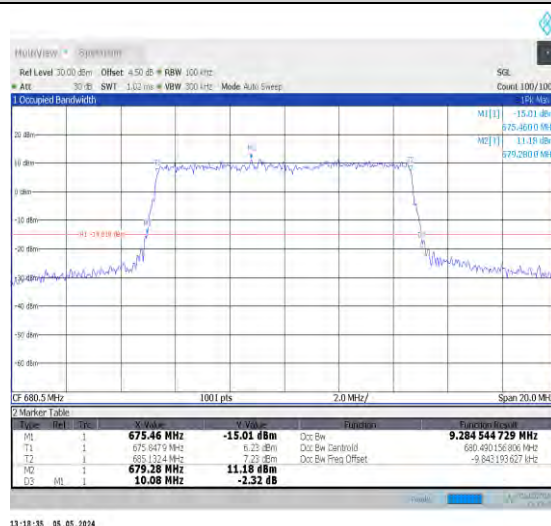
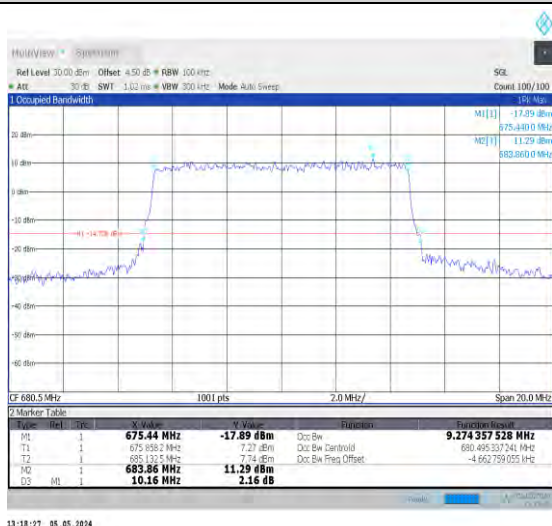
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1-N71-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@
0-Ant0-8.942-9.600-≤10-PASS

1-N71-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50
@0-Ant0-8.905-9.700-≤10-PASS



1-N71-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-
Ant0-9.274-10.160-≤10-PASS

1-N71-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-
-Ant0-9.285-10.080-≤10-PASS



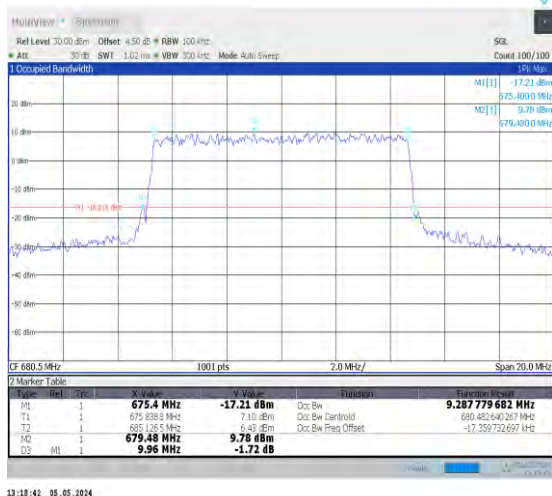
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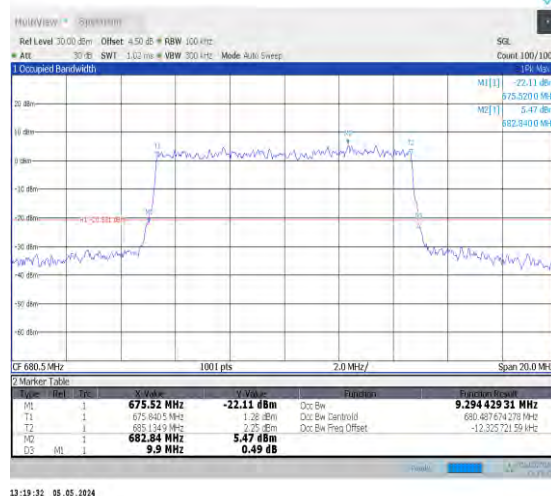
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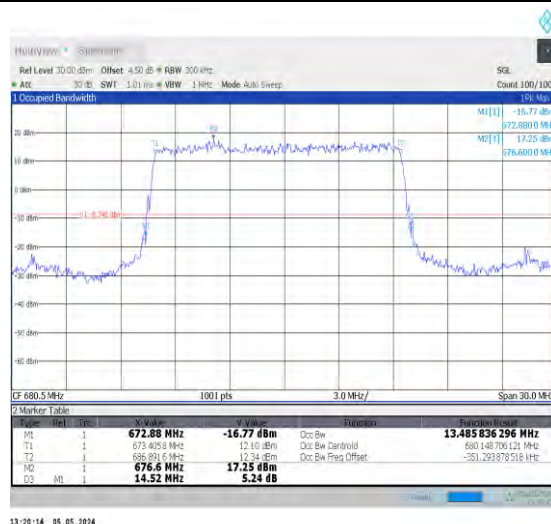
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1-N71-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0
-Ant0-9.288-9.960-≤10-PASS

1-N71-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0
-Ant0-9.294-9.900-≤10-PASS



13:19:57 05.05.2024



13:20:16 05.05.2024

1-N71-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0
-Ant0-13.481-14.460-≤15-PASS

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-Ant0-13.486-14.520-≤15-PASS



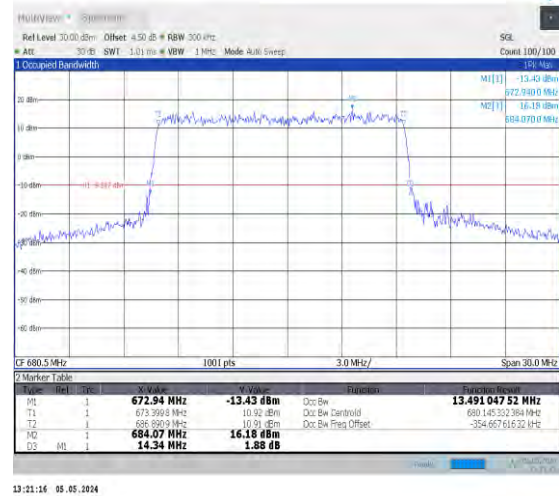
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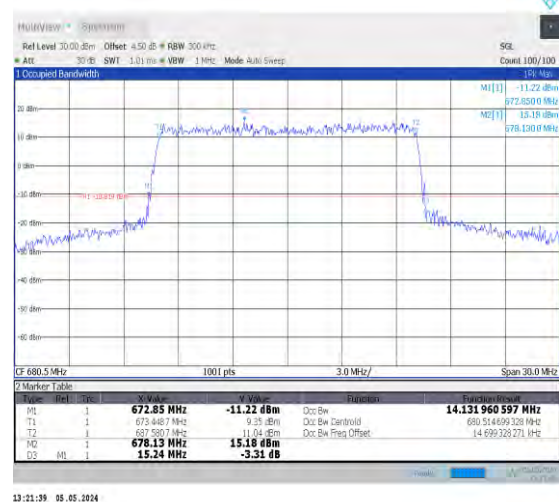
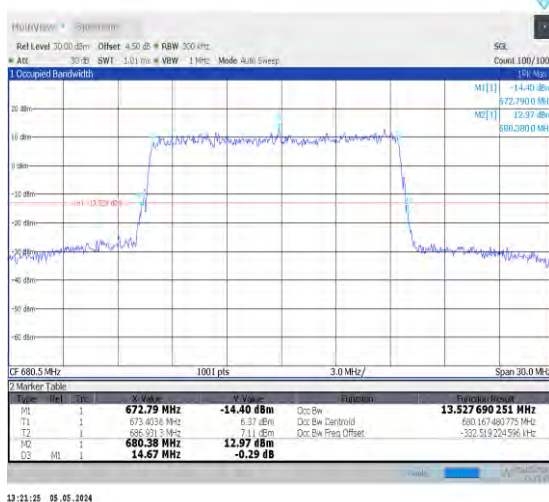
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0-Ant0-13.515-14.460-≤15-PASS

1-N71-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@
0-Ant0-13.491-14.340-≤15-PASS



1-N71-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75
@0-Ant0-13.528-14.670-≤15-PASS

1-N71-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-
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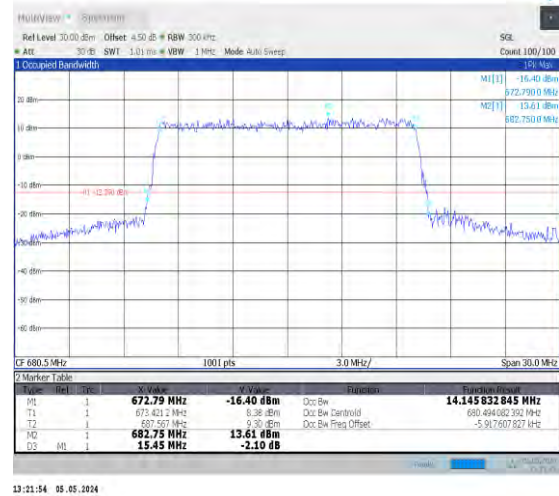
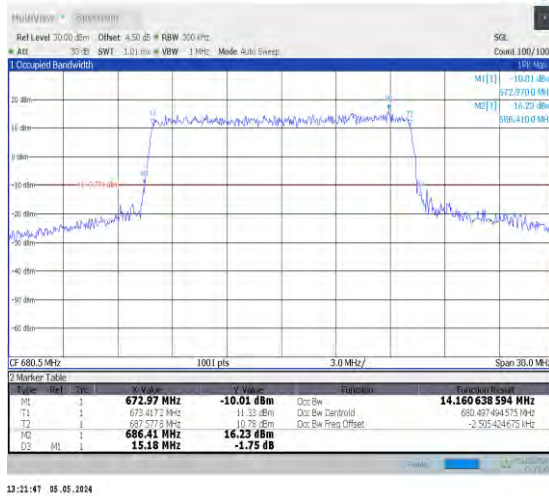
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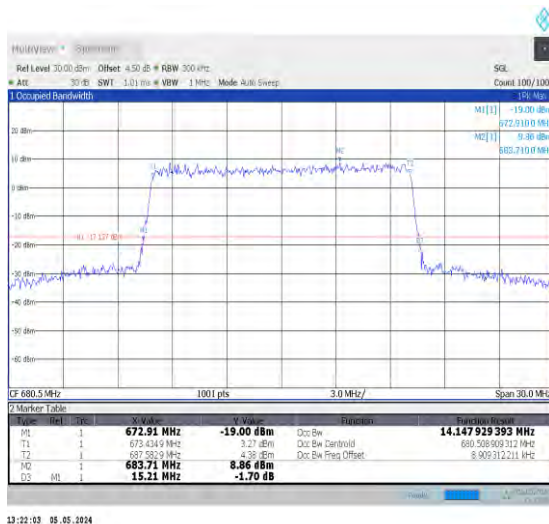
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-Ant0-14.161-15.180-≤15-PASS

1-N71-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0
-Ant0-14.146-15.450-≤15-PASS



1-N71-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0
0-Ant0-14.148-15.210-≤15-PASS

1-N71-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0
0-Ant0-17.894-19.000-≤20-PASS



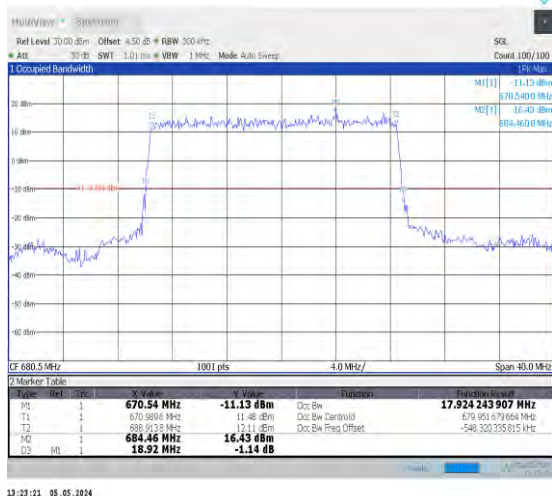
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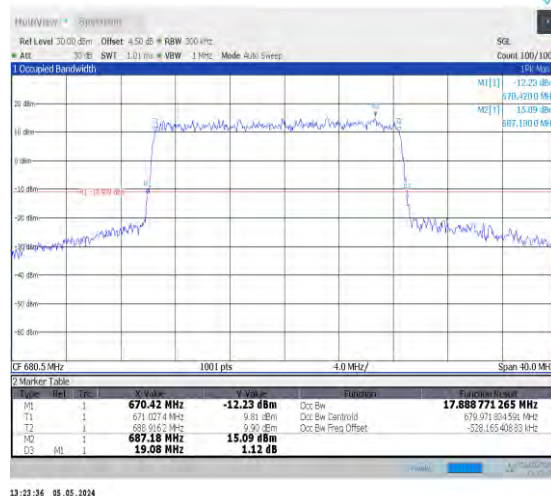
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13:23:26 05.05.2024

1-N71-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100
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1-N71-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100
@0-Ant0-17.889-19.080-≤20-PASS



13:23:44 05.05.2024



13:23:53 05.05.2024

1-N71-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100
@0-Ant0-17.933-19.040-≤20-PASS

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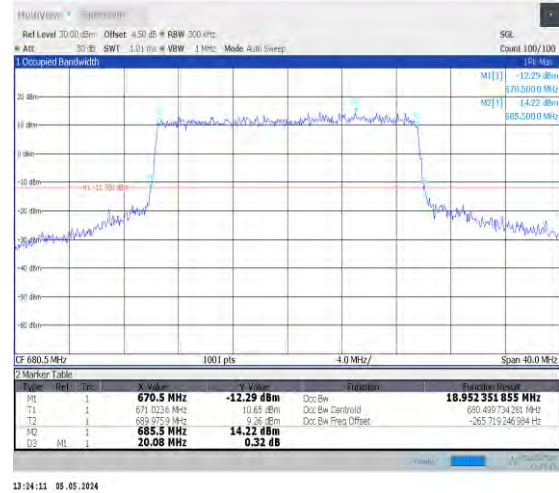
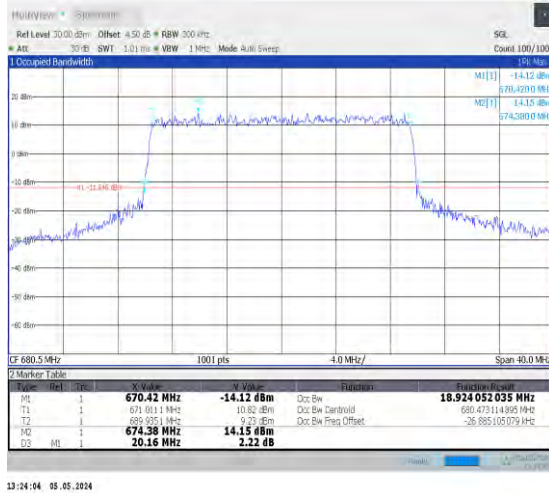
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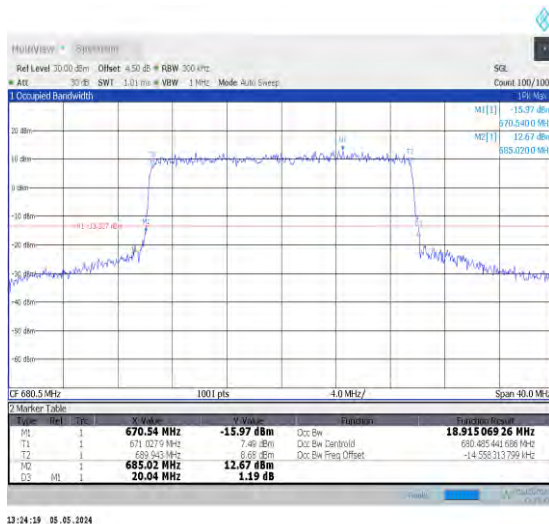
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-Ant0-18.924-20.160-≤20-PASS

1-N71-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant0-18.952-20.080-≤20-PASS



1-N71-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant0-18.915-20.040-≤20-PASS

1-N71-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant0-18.999-20.160-≤20-PASS



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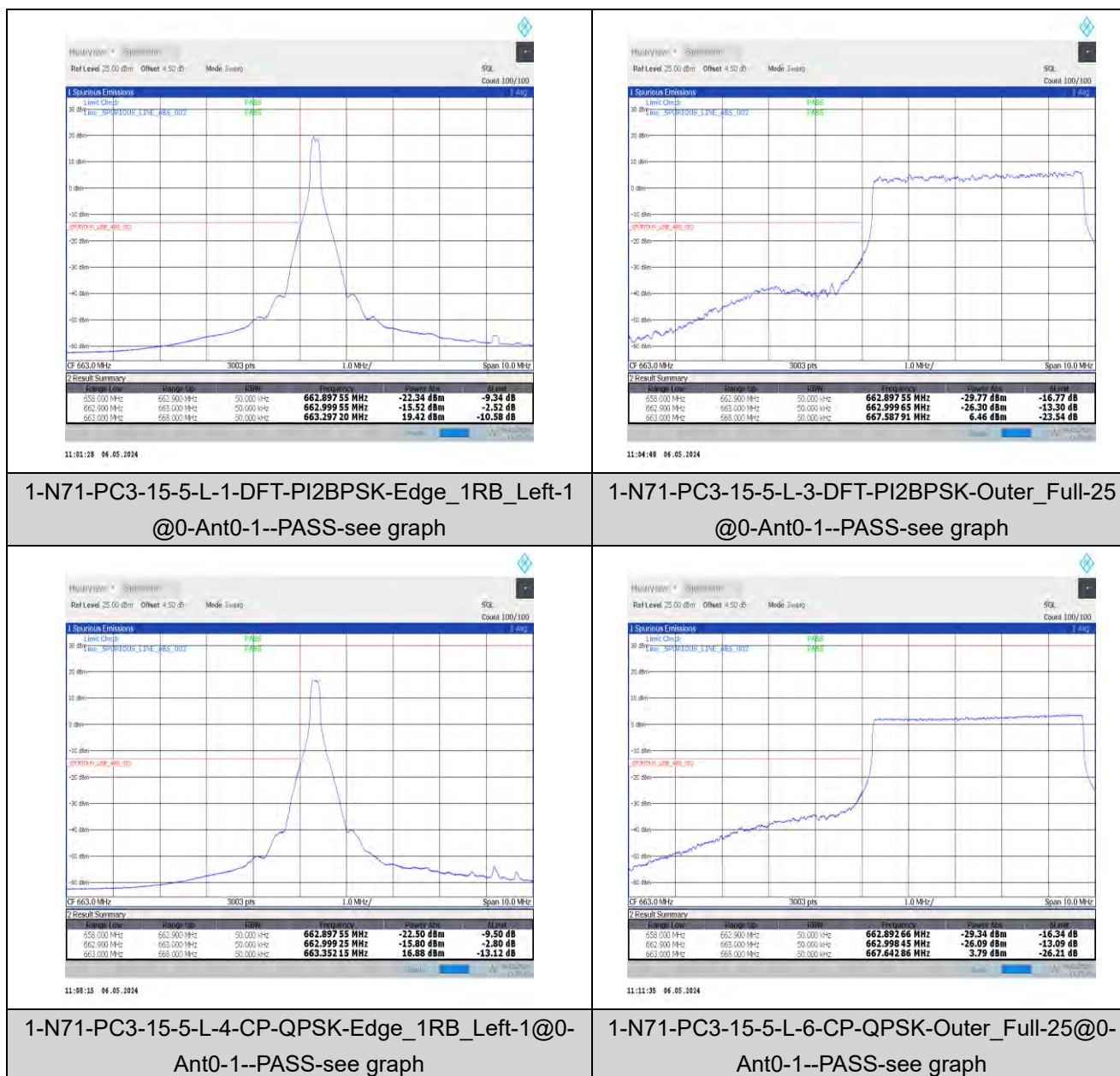
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Band Edge for SA

Test Graphs



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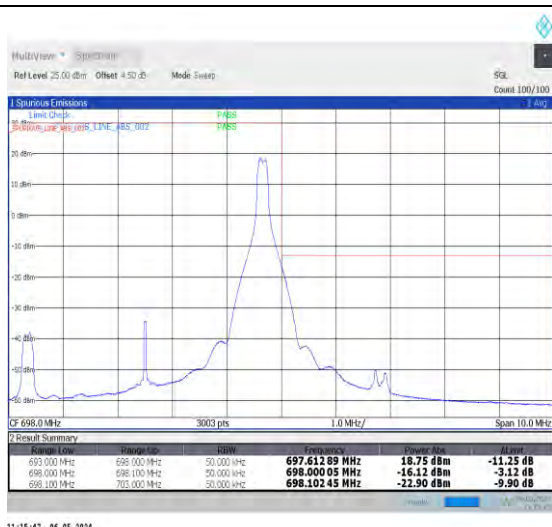
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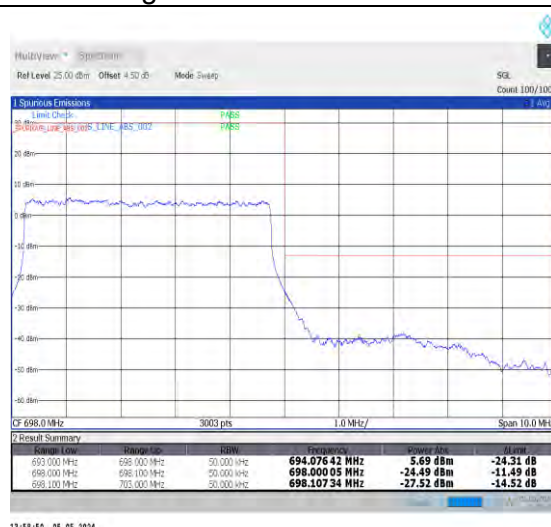
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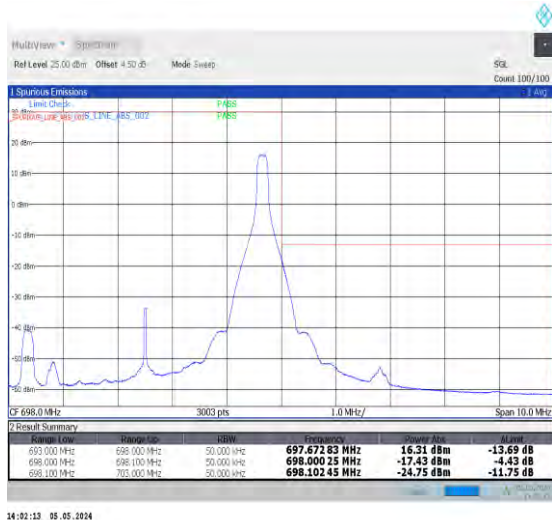
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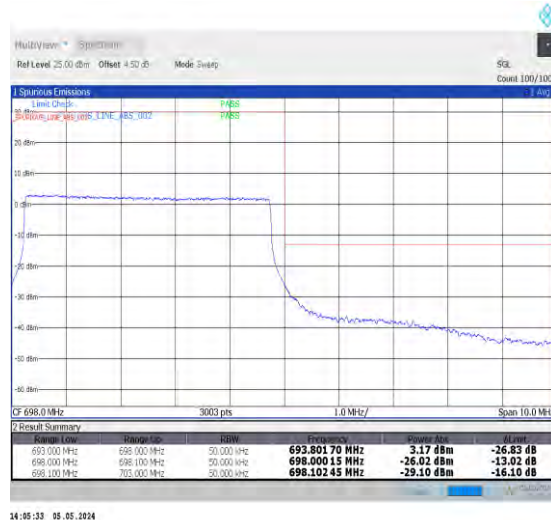
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14:02:13 05.05.2024

1-N71-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant0-1--PASS-see graph



14:05:33 05.05.2024

1-N71-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant0-1--PASS-see graph



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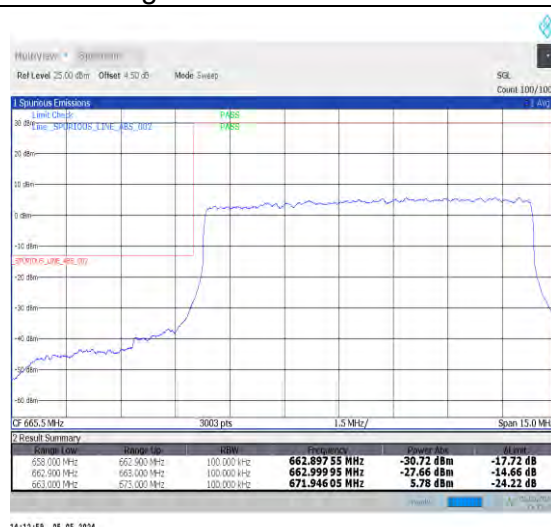
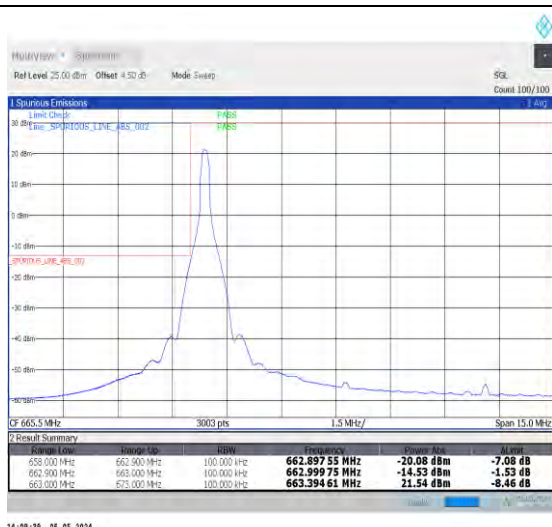
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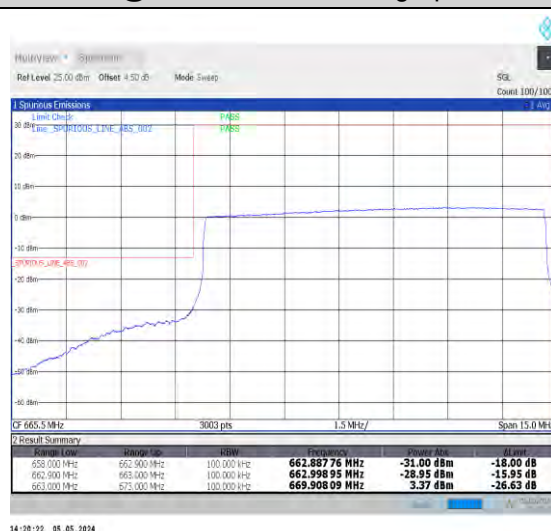
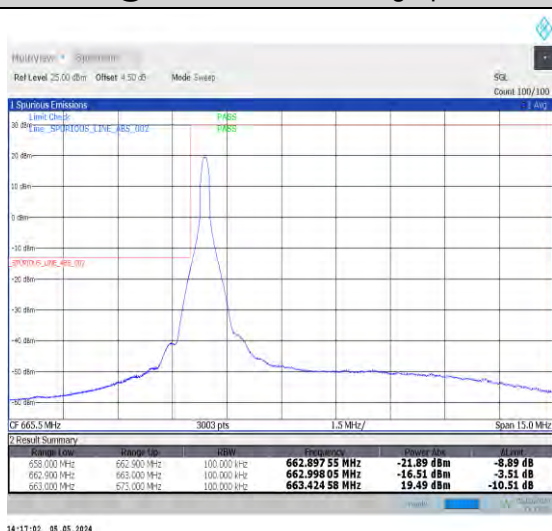
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1-N71-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N71-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph



1-N71-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N71-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-1--PASS-see graph



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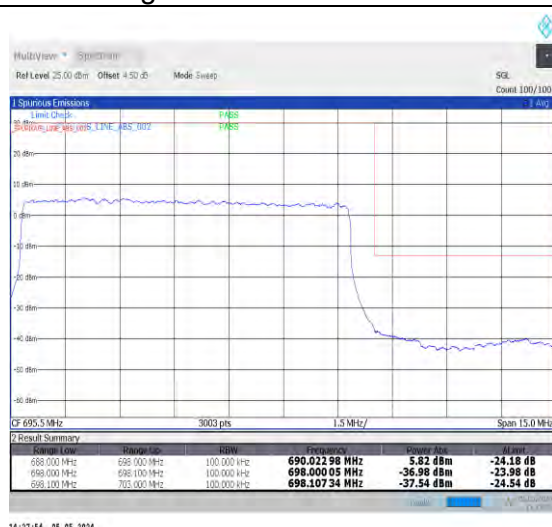
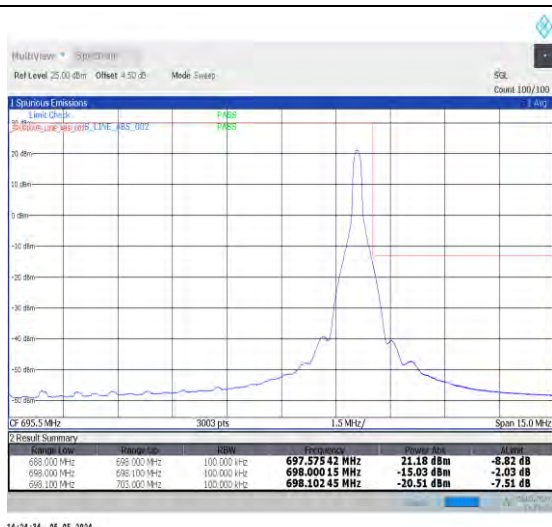
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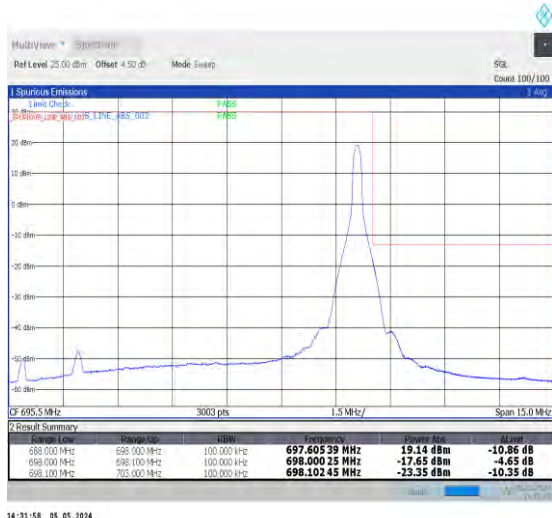
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1-N71-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Righ-t-1@51-Ant0-1--PASS-see graph

1-N71-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph



1-N71-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant0-1--PASS-see graph

1-N71-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant0-1--PASS-see graph



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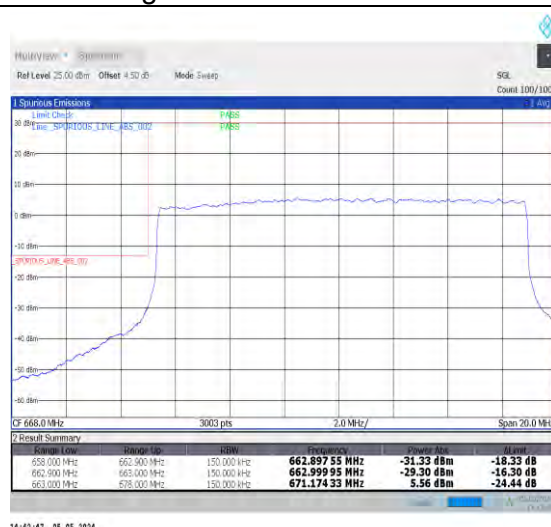
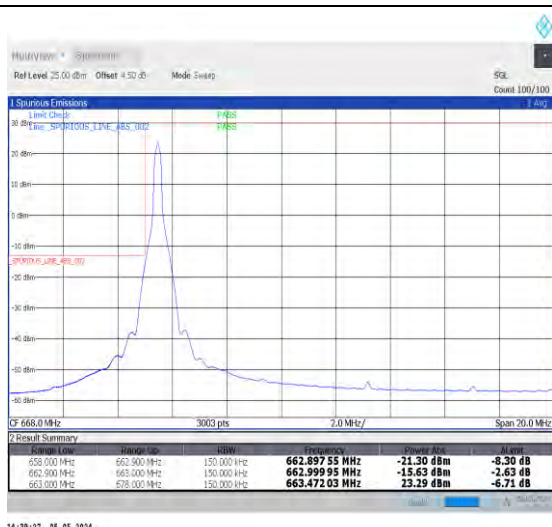
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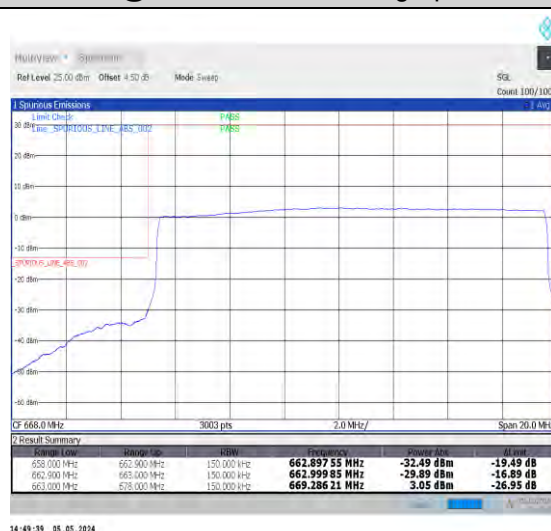
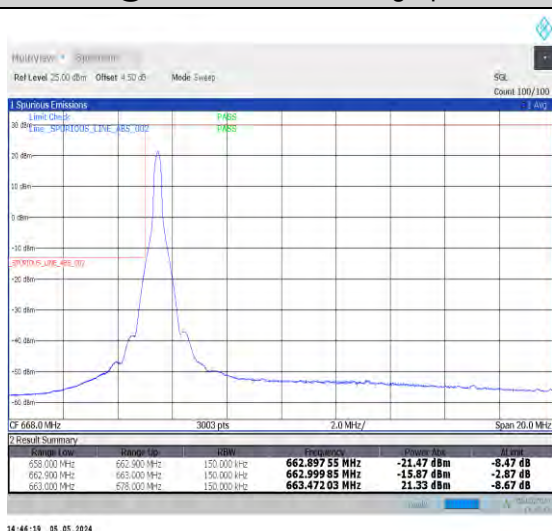
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1-N71-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N71-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N71-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N71-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant0-1--PASS-see graph



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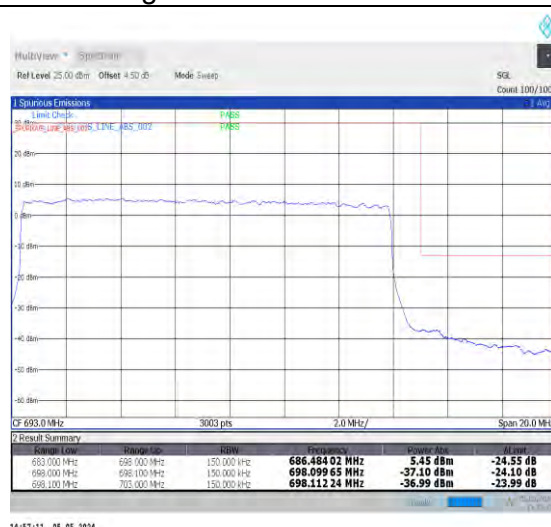
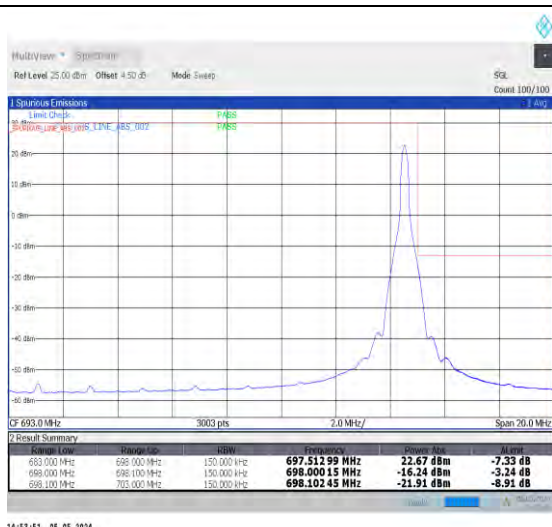
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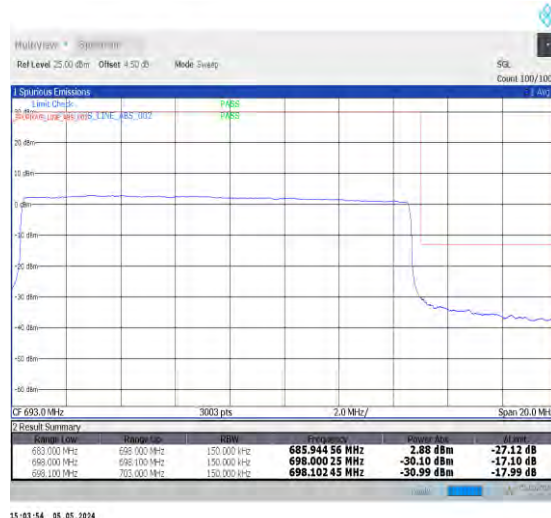
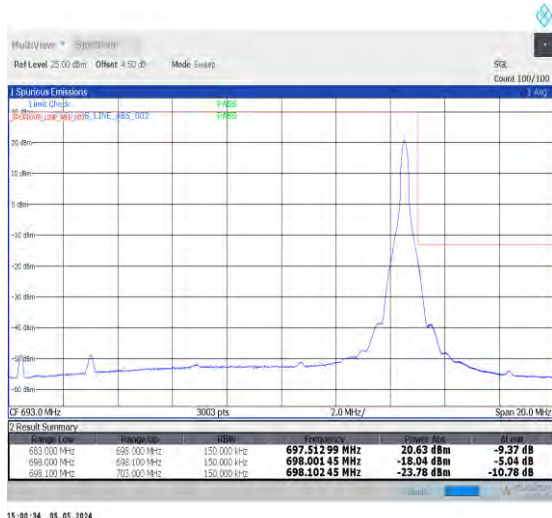
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1-N71-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-t1@78-Ant0-1--PASS-see graph

1-N71-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N71-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant0-1--PASS-see graph

1-N71-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant0-1--PASS-see graph



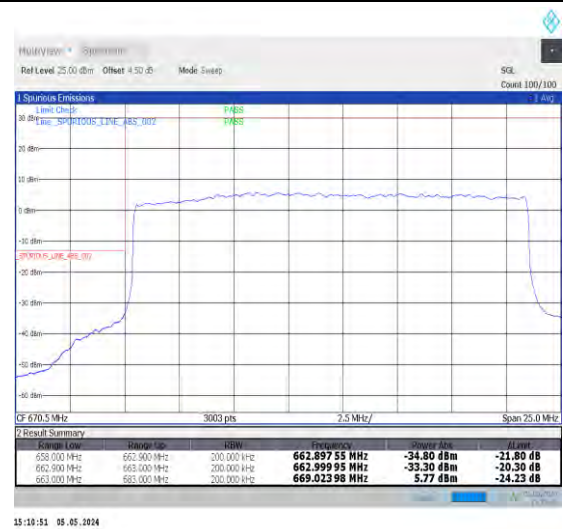
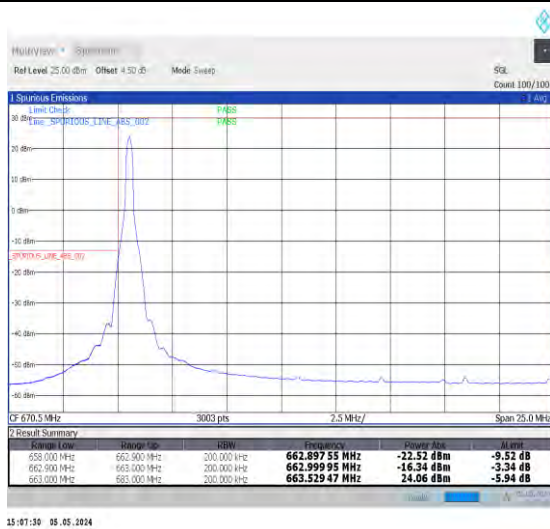
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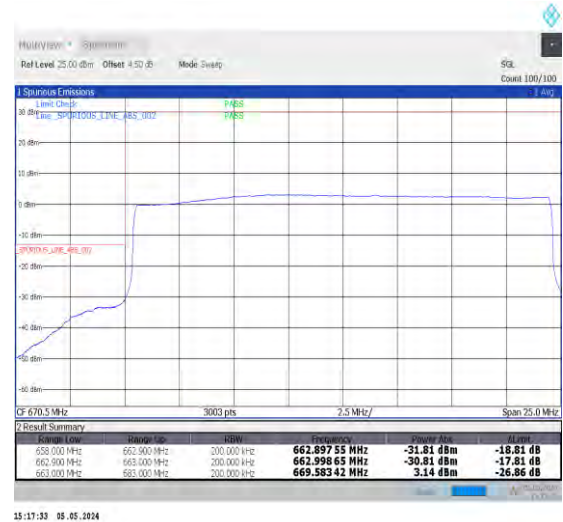
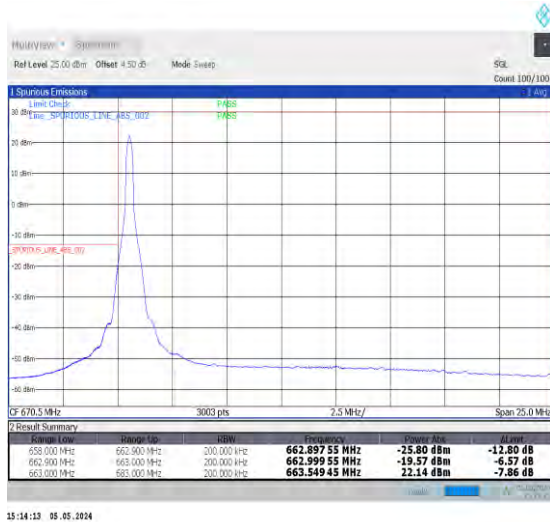
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1-N71-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N71-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1--PASS-see graph



1-N71-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N71-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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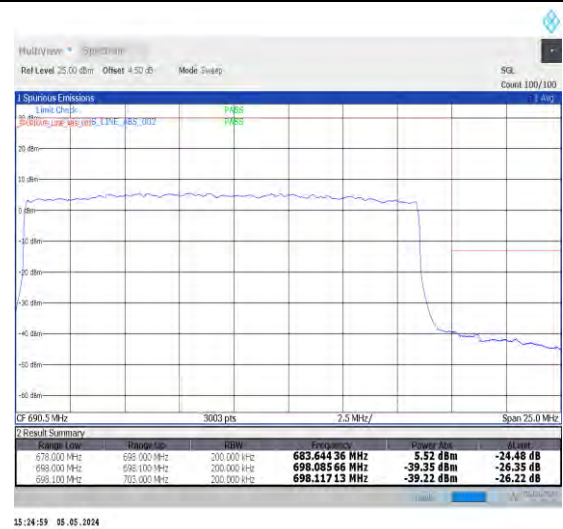
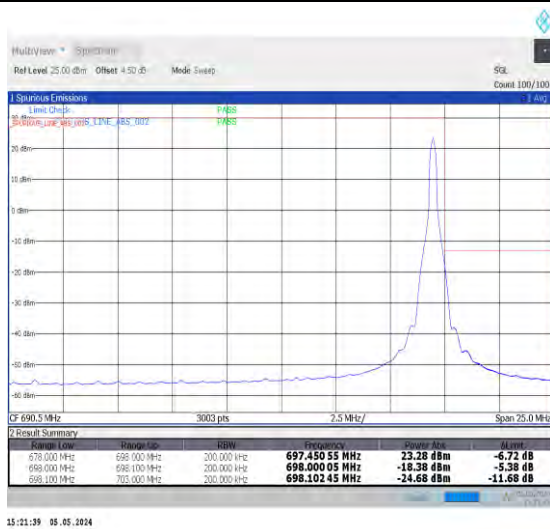
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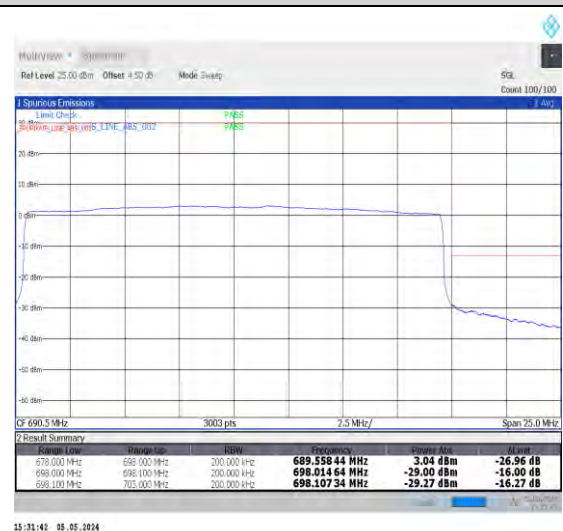
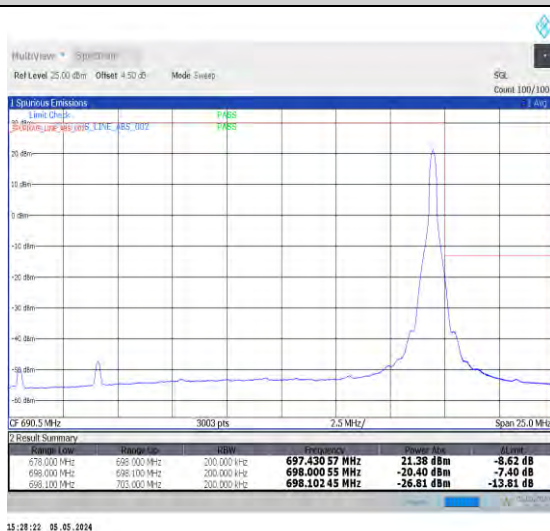
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1-N71-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@105-Ant0-1--PASS-see graph

1-N71-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-1 00@0-Ant0-1--PASS-see graph



1-N71-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1 @105-Ant0-1--PASS-see graph

1-N71-PC3-15-20-H-6-CP-QPSK-Outer_Full-106 @0-Ant0-1--PASS-see graph



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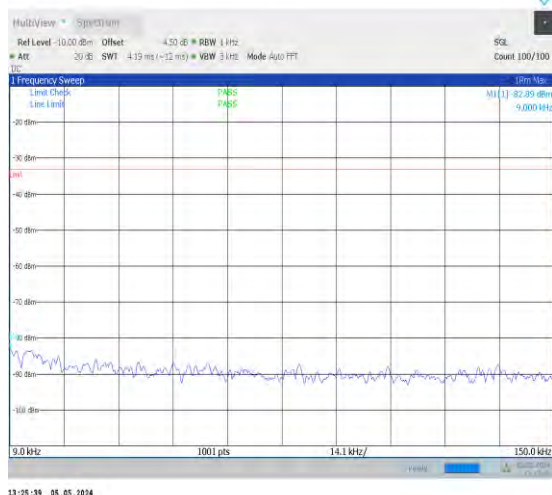
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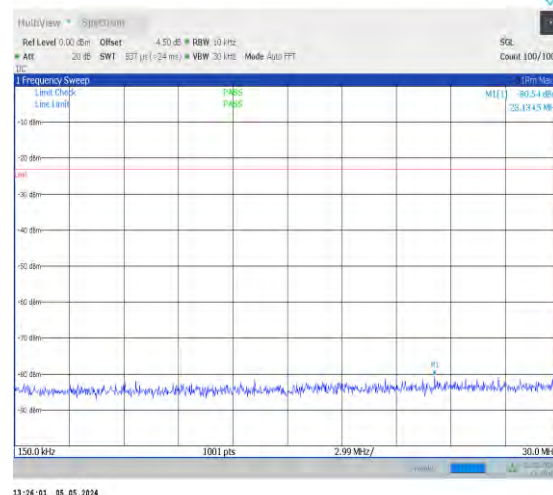
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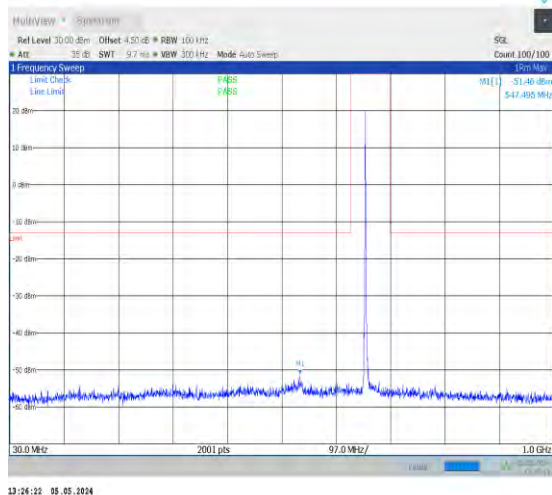
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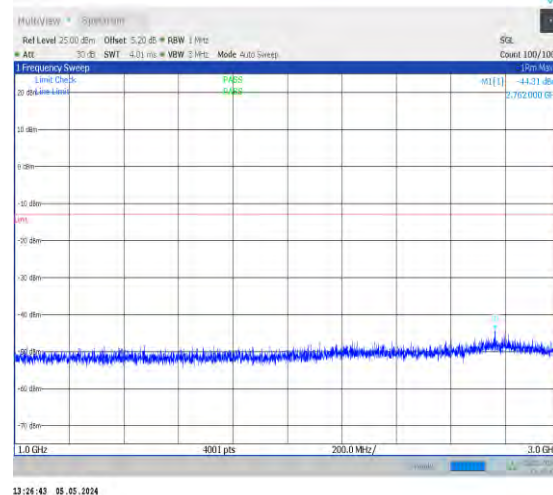
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1-N71-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-23.13--80.54--23-PASS



1-N71-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant0-547.50--51.46--13-PASS



1-N71-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant0-2762.00--44.31--13-PASS



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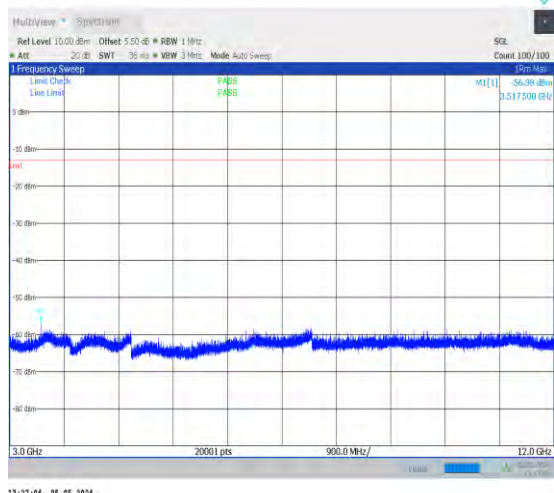
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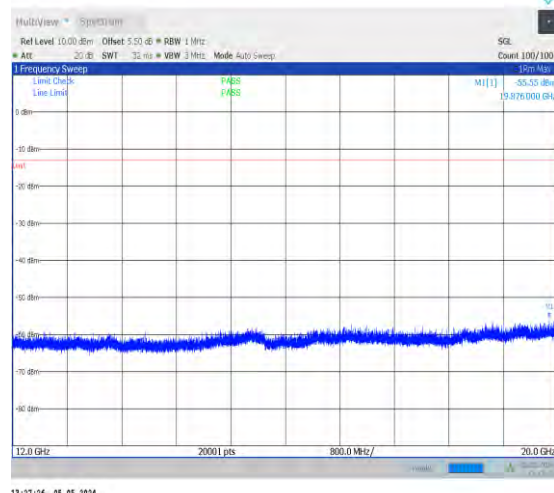
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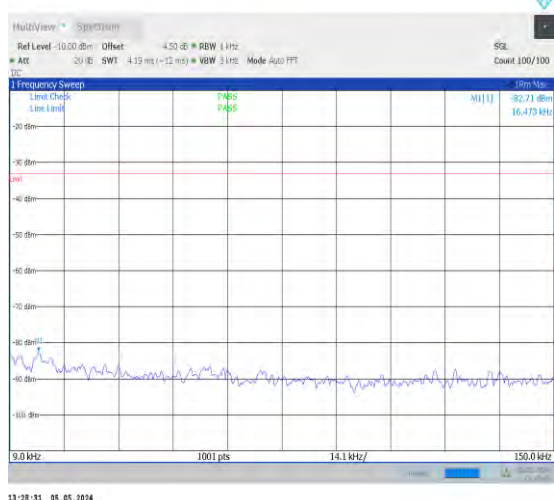
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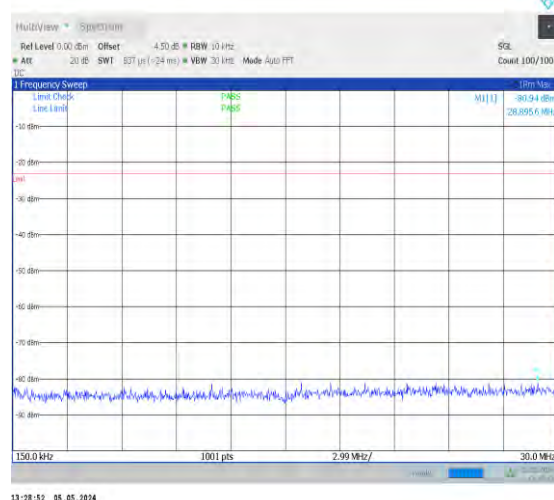
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1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.02--82.71--33-PASS



1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-28.90--80.94--23-PASS



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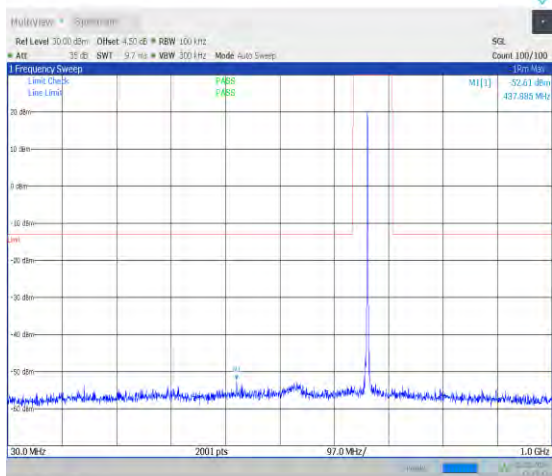
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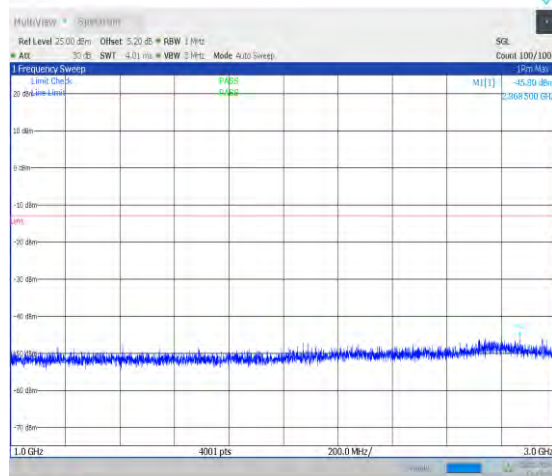
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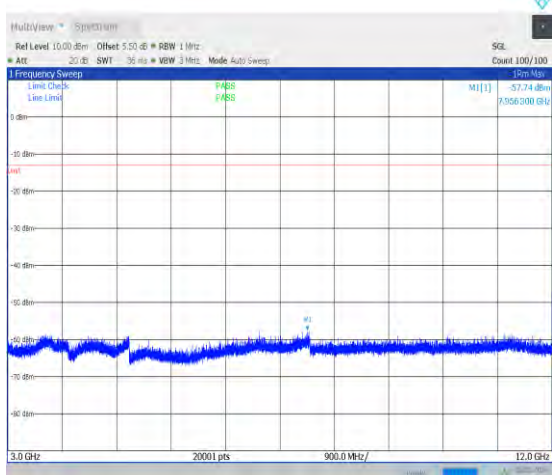
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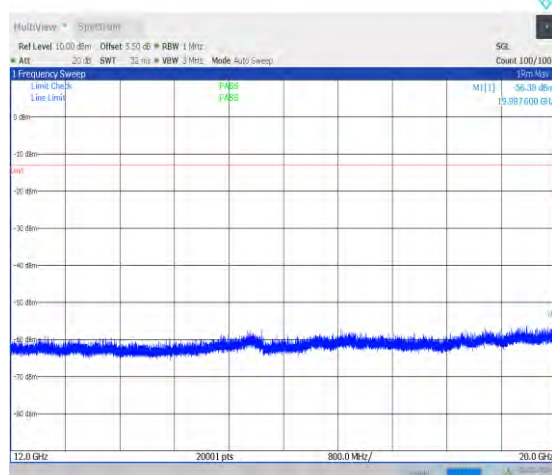
13:29:35 05.05.2024

1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_L ef
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13:29:56 05.05.2024

1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant0-7956.30--57.74--13-PAS
S



13:30:18 05.05.2024

1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-20000-Ant0-19987.60--56.38--13-PASS



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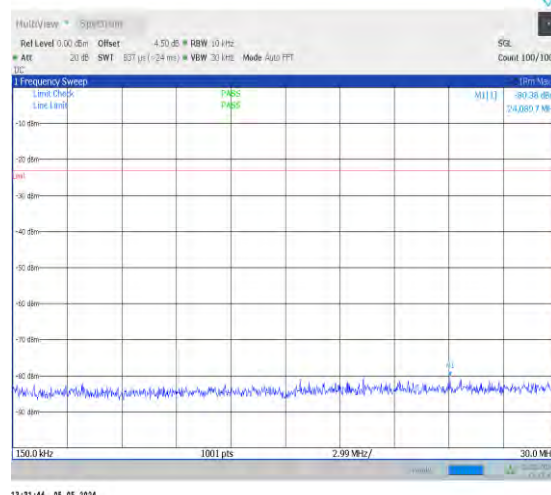
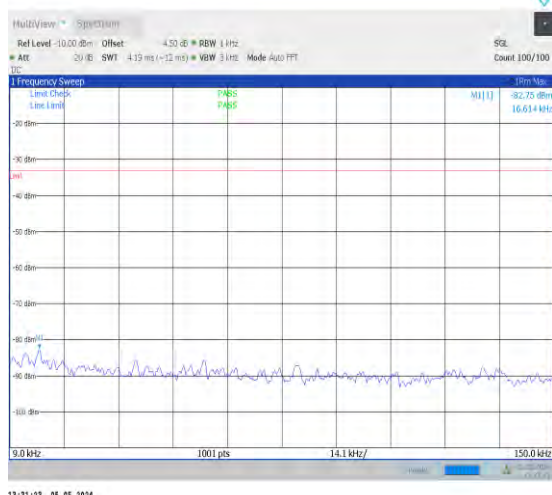
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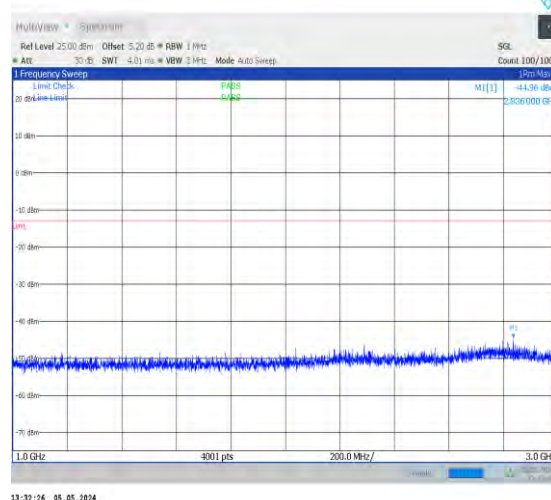
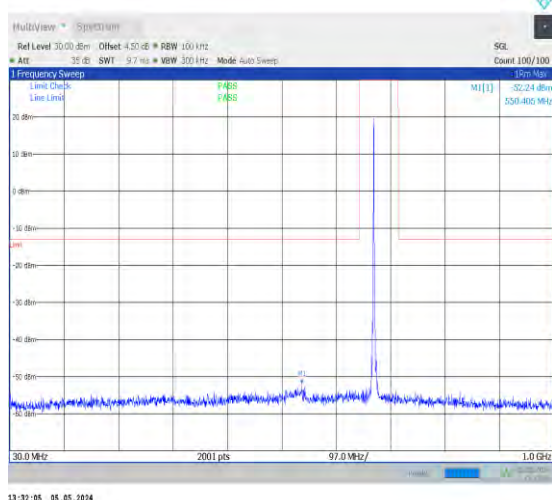
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1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-0.009-0.15-Ant0-0.02--82.75--33-PASS

1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-0.15-30-Ant0-24.09--80.38--23-PASS



1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-30-1000-Ant0-550.41--52.24--13-PASS

1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-1000-3000-Ant0-2836.00--44.96--13-PASS



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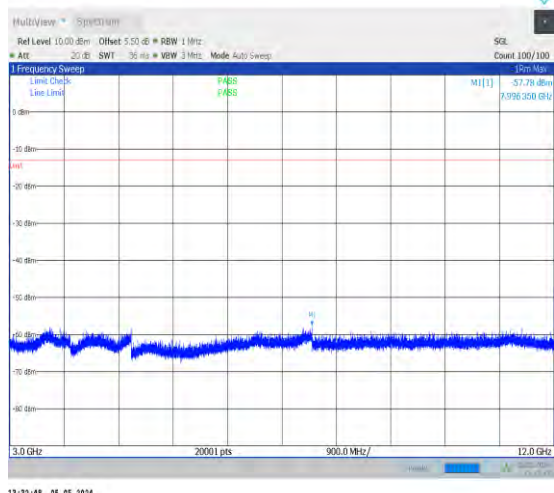
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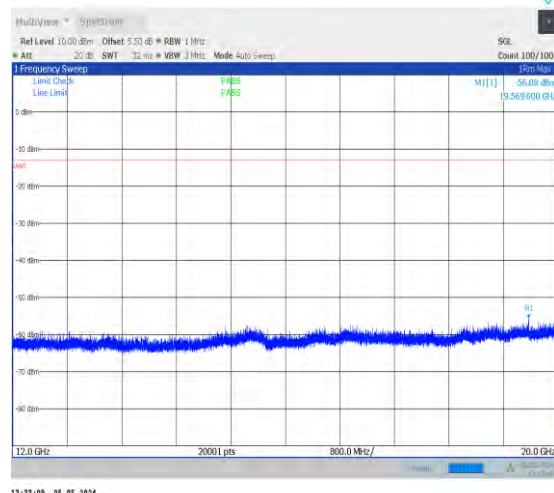
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13:32:48 05.05.2024

1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant0-7996.35--57.78--13-PAS
S



13:33:09 05.05.2024

1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-12000-20000-Ant0-19569.60--56.08--13-PASS



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Field Strength of Spurious Radiation

For report SUCR240400009002:
Test Band = SA_N71
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327	72.40	-53.83	25.76	-50.93	-13.00	37.93	Horizontal
2	1991	68.54	-52.78	26.67	-52.83	-13.00	39.83	Horizontal
3	3444	54.84	-49.67	29.62	-60.47	-13.00	47.47	Horizontal
4	4319	53.10	-46.81	31.84	-57.13	-13.00	44.13	Horizontal
5	6084.5	51.80	-44.18	34.47	-53.17	-13.00	40.17	Horizontal
6	9098.5	49.40	-39.71	38.70	-46.87	-13.00	33.87	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327	56.70	-53.83	25.76	-66.63	-13.00	53.63	Vertical
2	1991	55.51	-52.78	26.67	-65.86	-13.00	52.86	Vertical
3	2531	54.52	-51.69	28.19	-64.24	-13.00	51.24	Vertical
4	3843.5	53.21	-48.02	30.41	-59.66	-13.00	46.66	Vertical
5	5092.5	51.85	-44.49	33.49	-54.41	-13.00	41.41	Vertical
6	7369.5	50.81	-42.53	36.86	-50.12	-13.00	37.12	Vertical



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Report No.: SUCR240400008902

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Test Band = SA_N71
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1342	70.00	-53.72	25.85	-53.13	-13.00	40.13	Horizontal
2	2013	62.68	-52.73	26.88	-58.43	-13.00	45.43	Horizontal
3	3440	55.52	-49.68	29.64	-59.78	-13.00	46.78	Horizontal
4	5067	52.37	-44.69	33.43	-54.15	-13.00	41.15	Horizontal
5	6897	50.56	-43.40	36.19	-51.91	-13.00	38.91	Horizontal
6	9083.5	50.15	-39.74	38.70	-46.15	-13.00	33.15	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1342	56.85	-53.72	25.85	-66.28	-13.00	53.28	Vertical
2	1770.5	56.00	-53.16	25.58	-66.84	-13.00	53.84	Vertical
3	2783	54.28	-51.31	28.63	-63.66	-13.00	50.66	Vertical
4	4316	53.05	-46.84	31.83	-57.22	-13.00	44.22	Vertical
5	6073	51.30	-44.02	34.45	-53.53	-13.00	40.53	Vertical
6	8552.5	49.42	-40.78	39.06	-47.56	-13.00	34.56	Vertical



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Report No.: SUCR240400008902

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Test Band = SA_N71

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1357	71.28	-53.69	25.89	-51.78	-13.00	38.78	Horizontal
2	2036	58.89	-52.63	27.02	-61.98	-13.00	48.98	Horizontal
3	3435.5	56.15	-49.69	29.66	-59.14	-13.00	46.14	Horizontal
4	5049.5	52.58	-44.83	33.40	-54.11	-13.00	41.11	Horizontal
5	7900	50.06	-41.66	37.40	-49.46	-13.00	36.46	Horizontal
6	9725.5	48.21	-38.36	38.75	-46.66	-13.00	33.66	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1357	58.01	-53.69	25.89	-65.05	-13.00	52.05	Vertical
2	1773	62.40	-53.15	25.59	-60.42	-13.00	47.42	Vertical
3	2537	54.60	-51.66	28.22	-64.10	-13.00	51.10	Vertical
4	4141	52.76	-47.91	31.03	-59.38	-13.00	46.38	Vertical
5	5076	52.38	-44.62	33.45	-54.05	-13.00	41.05	Vertical
6	7378	50.72	-42.37	36.84	-50.07	-13.00	37.07	Vertical



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Test Band = NSA_B2+N71

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3688	54.10	-49.90	30.32	-60.74	-13.00	47.74	Horizontal
2	4497.5	53.66	-48.43	31.81	-58.22	-13.00	45.22	Horizontal
3	5873	51.73	-45.72	34.19	-55.06	-13.00	42.06	Horizontal
4	8544.5	49.55	-41.47	38.97	-48.21	-13.00	35.21	Horizontal
5	11423	47.71	-38.45	39.65	-46.35	-13.00	33.35	Horizontal
6	17989.5	48.76	-38.98	42.74	-42.74	-13.00	29.74	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	57.39	-49.47	30.50	-56.84	-13.00	43.84	Vertical
2	5078	52.58	-47.47	33.46	-56.69	-13.00	43.69	Vertical
3	6785	50.96	-44.62	36.27	-52.65	-13.00	39.65	Vertical
4	8549.5	48.71	-41.37	39.09	-48.83	-13.00	35.83	Vertical
5	13406	47.20	-36.61	40.29	-44.38	-13.00	31.38	Vertical
6	17996.5	48.92	-38.99	42.78	-42.55	-13.00	29.55	Vertical



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Report No.: SUCR240400008902

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Test Band = NSA_B2+N71
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3883	54.09	-49.42	30.53	-60.06	-13.00	47.06	Horizontal
2	5146.5	52.30	-47.20	33.59	-56.57	-13.00	43.57	Horizontal
3	7359.5	50.30	-43.50	36.88	-51.58	-13.00	38.58	Horizontal
4	9486	49.20	-40.72	39.14	-47.64	-13.00	34.64	Horizontal
5	14355.5	47.80	-36.43	40.59	-43.30	-13.00	30.30	Horizontal
6	17985.5	49.06	-38.97	42.71	-42.46	-13.00	29.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	56.20	-49.47	30.50	-58.03	-13.00	45.03	Vertical
2	5125	52.22	-47.33	33.55	-56.82	-13.00	43.82	Vertical
3	6997	50.56	-43.54	36.49	-51.75	-13.00	38.75	Vertical
4	9515.5	49.09	-40.77	39.17	-47.77	-13.00	34.77	Vertical
5	12636.5	47.60	-37.63	39.33	-45.96	-13.00	32.96	Vertical
6	17912	48.77	-38.23	42.27	-42.45	-13.00	29.45	Vertical



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Report No.: SUCR240400008902

Rev.: 01

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Test Band = NSA_B2+N71
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3628	53.92	-49.52	30.31	-60.55	-13.00	47.55	Horizontal
2	5155.5	52.63	-47.09	33.46	-56.26	-13.00	43.26	Horizontal
3	6968.5	51.58	-44.16	36.44	-51.40	-13.00	38.40	Horizontal
4	8543	49.69	-41.50	38.93	-48.14	-13.00	35.14	Horizontal
5	11849	47.53	-38.13	39.70	-46.16	-13.00	33.16	Horizontal
6	15042.5	48.34	-35.33	39.86	-42.39	-13.00	29.39	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	55.97	-49.47	30.50	-58.26	-13.00	45.26	Vertical
2	5100	52.63	-47.47	33.50	-56.60	-13.00	43.60	Vertical
3	6746.5	50.28	-44.04	36.17	-52.85	-13.00	39.85	Vertical
4	9006.5	49.24	-41.20	38.79	-48.43	-13.00	35.43	Vertical
5	14134	47.04	-35.81	40.73	-43.30	-13.00	30.30	Vertical
6	17996.5	48.94	-38.99	42.78	-42.53	-13.00	29.53	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 71_ 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	1327	46.01	-47.48	25.14	-71.59	-13.00	58.59	Horizontal
2	1992.27	39.47	-46.00	26.24	-75.55	-13.00	62.55	Horizontal
3	2656.36	38.09	-44.77	28.06	-73.89	-13.00	60.89	Horizontal
4	3320.45	36.87	-43.56	29.56	-72.38	-13.00	59.38	Horizontal
5	3984.54	36.58	-42.83	31.25	-70.26	-13.00	57.26	Horizontal
6	4648.63	35.00	-41.64	32.43	-69.48	-13.00	56.48	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327	47.56	-47.48	25.14	-70.04	-13.00	57.04	Vertical
2	1992.27	40.01	-46.00	26.24	-75.01	-13.00	62.01	Vertical
3	2656.36	38.12	-44.77	28.06	-73.86	-13.00	60.86	Vertical
4	3320.45	36.08	-43.56	29.56	-73.17	-13.00	60.17	Vertical
5	3984.54	36.27	-42.83	31.25	-70.57	-13.00	57.57	Vertical
6	4648.63	35.49	-41.64	32.43	-68.99	-13.00	55.99	Vertical



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Test Band = SA Band 71_ 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	1343.18	41.20	-47.44	25.13	-76.37	-13.00	63.37	Horizontal
2	2014.77	39.41	-45.94	26.33	-75.45	-13.00	62.45	Horizontal
3	2686.36	37.99	-44.67	28.18	-73.76	-13.00	60.76	Horizontal
4	3357.95	36.60	-43.53	29.57	-72.62	-13.00	59.62	Horizontal
5	4029.54	35.93	-42.69	31.35	-70.67	-13.00	57.67	Horizontal
6	4701.13	35.51	-41.48	32.54	-68.69	-13.00	55.69	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1343.18	40.65	-47.44	25.13	-76.92	-13.00	63.92	Vertical
2	2014.77	39.06	-45.94	26.33	-75.80	-13.00	62.80	Vertical
3	2686.36	37.40	-44.67	28.18	-74.35	-13.00	61.35	Vertical
4	3357.95	35.94	-43.53	29.57	-73.28	-13.00	60.28	Vertical
5	4029.54	35.33	-42.69	31.35	-71.27	-13.00	58.27	Vertical
6	4701.13	35.54	-41.48	32.54	-68.66	-13.00	55.66	Vertical



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Test Band = SA Band 71_ 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	1358.18	41.21	-47.40	25.12	-76.33	-13.00	63.33	Horizontal
2	2037.27	39.86	-45.87	26.38	-74.89	-13.00	61.89	Horizontal
3	2716.36	38.26	-44.60	28.31	-73.29	-13.00	60.29	Horizontal
4	3395.45	36.33	-43.50	29.58	-72.85	-13.00	59.85	Horizontal
5	4074.54	35.44	-42.48	31.42	-70.88	-13.00	57.88	Horizontal
6	4753.63	34.75	-41.49	32.66	-69.34	-13.00	56.34	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358.18	41.22	-47.40	25.12	-76.32	-13.00	63.32	Vertical
2	2037.27	40.08	-45.87	26.38	-74.67	-13.00	61.67	Vertical
3	2716.36	37.27	-44.60	28.31	-74.28	-13.00	61.28	Vertical
4	3395.45	36.41	-43.50	29.58	-72.77	-13.00	59.77	Vertical
5	4074.54	35.22	-42.48	31.42	-71.10	-13.00	58.10	Vertical
6	4753.63	35.64	-41.49	32.66	-68.45	-13.00	55.45	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
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-10.600000	-0.015577	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-11.500000	-0.016899	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-9.800000	-0.014401	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-6.500000	-0.009552	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-3.000000	-0.004409	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	-6.900000	-0.010140	PASS



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Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-9.800000	-0.014401	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-10.000000	-0.014695	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-9.800000	-0.014401	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-10.100000	-0.014842	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.100000	-0.010434	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-9.200000	-0.013519	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-7.900000	-0.011609	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-10.000000	-0.014695	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-9.500000	-0.013960	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.000000	-0.004409	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.700000	-0.005437	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-3.700000	-0.005437	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-1.700000	-0.002498	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.200000	-0.006172	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-3.200000	-0.004702	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-5.000000	-0.007348	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-2.300000	-0.003380	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-3.000000	-0.004409	PASS

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