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Rev.: 01

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Appendix B.23

ENDC_2A_n5A



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Effective (Isotropic) Radiated Power Output Data for NSA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+L	Inner_1RB_Left	23.61	24.02	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+L	Inner_1RB_Right	23.56	23.97	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+L	Outer_Full	23.08	23.49	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+L	Inner_1RB_Left	23.61	24.02	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+L	Inner_1RB_Right	23.52	23.93	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	22.67	23.08	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+L	Inner_1RB_Left	22.64	23.05	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+L	Inner_1RB_Right	22.52	22.93	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	21.72	22.13	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+L	Inner_1RB_Left	21.34	21.75	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+L	Inner_1RB_Right	20.82	21.23	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+L	Outer_Full	21.20	21.61	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+L	Inner_1RB_Left	18.74	19.15	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+L	Inner_1RB_Right	18.42	18.83	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+L	Outer_Full	19.11	19.52	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+M	Inner_1RB_Left	23.45	23.86	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+M	Inner_1RB_Right	23.51	23.92	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+M	Outer_Full	23.03	23.44	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+M	Inner_1RB_Left	23.36	23.77	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+M	Inner_1RB_Right	23.53	23.94	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	22.96	23.37	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+M	Inner_1RB_Left	22.50	22.91	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+M	Inner_1RB_Right	22.48	22.89	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	22.43	22.84	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+M	Inner_1RB_Left	21.02	21.43	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+M	Inner_1RB_Right	20.94	21.35	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+M	Outer_Full	20.76	21.17	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+M	Inner_1RB_Left	18.55	18.96	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+M	Inner_1RB_Right	18.60	19.01	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+M	Outer_Full	19.06	19.47	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+H	Inner_1RB_Left	23.72	24.13	38.45	PASS



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DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+H	Inner_1RB_Right	23.80	24.21	38.45	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+H	Outer_Full	23.76	24.17	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+H	Inner_1RB_Left	23.71	24.12	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+H	Inner_1RB_Right	23.69	24.10	38.45	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	22.85	23.26	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+H	Inner_1RB_Left	22.72	23.13	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+H	Inner_1RB_Right	22.76	23.17	38.45	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	21.88	22.29	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+H	Inner_1RB_Left	21.65	22.06	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+H	Inner_1RB_Right	21.10	21.51	38.45	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+H	Outer_Full	21.35	21.76	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+H	Inner_1RB_Left	18.74	19.15	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+H	Inner_1RB_Right	18.76	19.17	38.45	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+H	Outer_Full	19.27	19.68	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+L	Inner_1RB_Left	23.51	23.92	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+L	Inner_1RB_Right	23.48	23.89	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+L	Outer_Full	23.06	23.47	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+L	Inner_1RB_Left	23.56	23.97	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+L	Inner_1RB_Right	23.53	23.94	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	22.63	23.04	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+L	Inner_1RB_Left	22.68	23.09	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+L	Inner_1RB_Right	22.50	22.91	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	21.32	21.73	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+L	Inner_1RB_Left	20.94	21.35	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+L	Inner_1RB_Right	20.85	21.26	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+L	Outer_Full	21.06	21.47	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+L	Inner_1RB_Left	18.58	18.99	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+L	Inner_1RB_Right	18.42	18.83	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+L	Outer_Full	18.99	19.40	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+M	Inner_1RB_Left	23.50	23.91	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+M	Inner_1RB_Right	23.58	23.99	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+M	Outer_Full	23.09	23.50	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+M	Inner_1RB_Left	23.50	23.91	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+M	Inner_1RB_Right	23.65	24.06	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	22.65	23.06	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+M	Inner_1RB_Left	22.51	22.92	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+M	Inner_1RB_Right	22.64	23.05	38.45	PASS



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DC_2A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	21.67	22.08	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+M	Inner_1RB_Left	20.80	21.21	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+M	Inner_1RB_Right	20.86	21.27	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+M	Outer_Full	21.14	21.55	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+M	Inner_1RB_Left	18.35	18.76	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+M	Inner_1RB_Right	18.55	18.96	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+M	Outer_Full	19.10	19.51	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+H	Inner_1RB_Left	23.49	23.90	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+H	Inner_1RB_Right	23.86	24.27	38.45	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+H	Outer_Full	23.23	23.64	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+H	Inner_1RB_Left	23.54	23.95	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+H	Inner_1RB_Right	23.84	24.25	38.45	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	22.78	23.19	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+H	Inner_1RB_Left	22.26	22.67	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+H	Inner_1RB_Right	22.82	23.23	38.45	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	21.82	22.23	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+H	Inner_1RB_Left	21.06	21.47	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+H	Inner_1RB_Right	21.18	21.59	38.45	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+H	Outer_Full	21.28	21.69	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+H	Inner_1RB_Left	18.55	18.96	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+H	Inner_1RB_Right	18.82	19.23	38.45	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+H	Outer_Full	19.24	19.65	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+L	Inner_1RB_Left	23.67	24.08	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+L	Inner_1RB_Right	23.69	24.10	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+L	Outer_Full	23.05	23.46	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+L	Inner_1RB_Left	23.69	24.10	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+L	Inner_1RB_Right	23.69	24.10	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	23.54	23.95	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+L	Inner_1RB_Left	22.68	23.09	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+L	Inner_1RB_Right	22.62	23.03	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	21.65	22.06	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+L	Inner_1RB_Left	21.19	21.60	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+L	Inner_1RB_Right	21.10	21.51	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+L	Outer_Full	21.20	21.61	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+L	Inner_1RB_Left	19.12	19.53	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+L	Inner_1RB_Right	18.71	19.12	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+L	Outer_Full	19.17	19.58	38.45	PASS



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DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+M	Inner_1RB_Left	23.64	24.05	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+M	Inner_1RB_Right	23.74	24.15	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+M	Outer_Full	23.09	23.50	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+M	Inner_1RB_Left	23.64	24.05	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+M	Inner_1RB_Right	23.74	24.15	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	22.69	23.10	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+M	Inner_1RB_Left	22.67	23.08	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+M	Inner_1RB_Right	22.80	23.21	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	21.70	22.11	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+M	Inner_1RB_Left	21.46	21.87	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+M	Inner_1RB_Right	21.01	21.42	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+M	Outer_Full	21.25	21.66	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+M	Inner_1RB_Left	18.54	18.95	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+M	Inner_1RB_Right	18.62	19.03	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+M	Outer_Full	19.18	19.59	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+H	Inner_1RB_Left	23.53	23.94	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+H	Inner_1RB_Right	23.93	24.34	38.45	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+H	Outer_Full	23.07	23.48	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+H	Inner_1RB_Left	23.58	23.99	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+H	Inner_1RB_Right	23.95	24.36	38.45	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	22.69	23.10	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+H	Inner_1RB_Left	22.55	22.96	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+H	Inner_1RB_Right	22.41	22.82	38.45	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	21.69	22.10	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+H	Inner_1RB_Left	21.10	21.51	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+H	Inner_1RB_Right	21.25	21.66	38.45	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+H	Outer_Full	21.26	21.67	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+H	Inner_1RB_Left	18.62	19.03	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+H	Inner_1RB_Right	18.89	19.30	38.45	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+H	Outer_Full	19.20	19.61	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+L	Inner_1RB_Left	23.62	24.03	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+L	Inner_1RB_Right	23.73	24.14	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+L	Outer_Full	23.18	23.59	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+L	Inner_1RB_Left	23.72	24.13	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+L	Inner_1RB_Right	23.79	24.20	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	22.75	23.16	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+L	Inner_1RB_Left	22.62	23.03	38.45	PASS



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DC_2A_n5A	15	5+20	DFT-16QAM	M+L	Inner_1RB_Right	22.74	23.15	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	21.81	22.22	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+L	Inner_1RB_Left	21.08	21.49	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+L	Inner_1RB_Right	20.88	21.29	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+L	Outer_Full	21.27	21.68	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+L	Inner_1RB_Left	18.73	19.14	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+L	Inner_1RB_Right	18.59	19.00	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+L	Outer_Full	19.21	19.62	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Inner_1RB_Left	23.58	23.99	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Inner_1RB_Right	23.81	24.22	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	23.09	23.50	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+M	Inner_1RB_Left	23.58	23.99	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+M	Inner_1RB_Right	23.85	24.26	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	22.71	23.12	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+M	Inner_1RB_Left	22.57	22.98	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+M	Inner_1RB_Right	22.82	23.23	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	21.76	22.17	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+M	Inner_1RB_Left	20.97	21.38	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+M	Inner_1RB_Right	21.21	21.62	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+M	Outer_Full	21.25	21.66	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+M	Inner_1RB_Left	18.53	18.94	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+M	Inner_1RB_Right	18.74	19.15	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+M	Outer_Full	19.18	19.59	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+H	Inner_1RB_Left	23.63	24.04	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+H	Inner_1RB_Right	23.90	24.31	38.45	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+H	Outer_Full	23.11	23.52	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+H	Inner_1RB_Left	23.68	24.09	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+H	Inner_1RB_Right	23.94	24.35	38.45	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	22.73	23.14	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+H	Inner_1RB_Left	22.65	23.06	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+H	Inner_1RB_Right	22.88	23.29	38.45	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	21.77	22.18	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+H	Inner_1RB_Left	20.93	21.34	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+H	Inner_1RB_Right	21.23	21.64	38.45	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+H	Outer_Full	21.19	21.60	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+H	Inner_1RB_Left	18.48	18.89	38.45	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+H	Inner_1RB_Right	18.81	19.22	38.45	PASS



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DC_2A_n5A	15	5+20	DFT-256QAM	M+H	Outer_Full	19.17	19.58	38.45	PASS
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Peak-to-Average Ratio for NSA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
DC_2A_n5A	15	5+20	DFT-256QAM	M+L	Outer_Full	100%	0.00	11.74	≤13	PASS
DC_2A_n5A	15	5+20	CP-256QAM	M+L	Outer_Full	100%	0.00	12.03	≤13	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+M	Outer_Full	100%	0.00	11.72	≤13	PASS
DC_2A_n5A	15	5+20	CP-256QAM	M+M	Outer_Full	100%	0.00	12.51	≤13	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+H	Outer_Full	100%	0.00	11.82	≤13	PASS
DC_2A_n5A	15	5+20	CP-256QAM	M+H	Outer_Full	100%	0.00	12.93	≤13	PASS



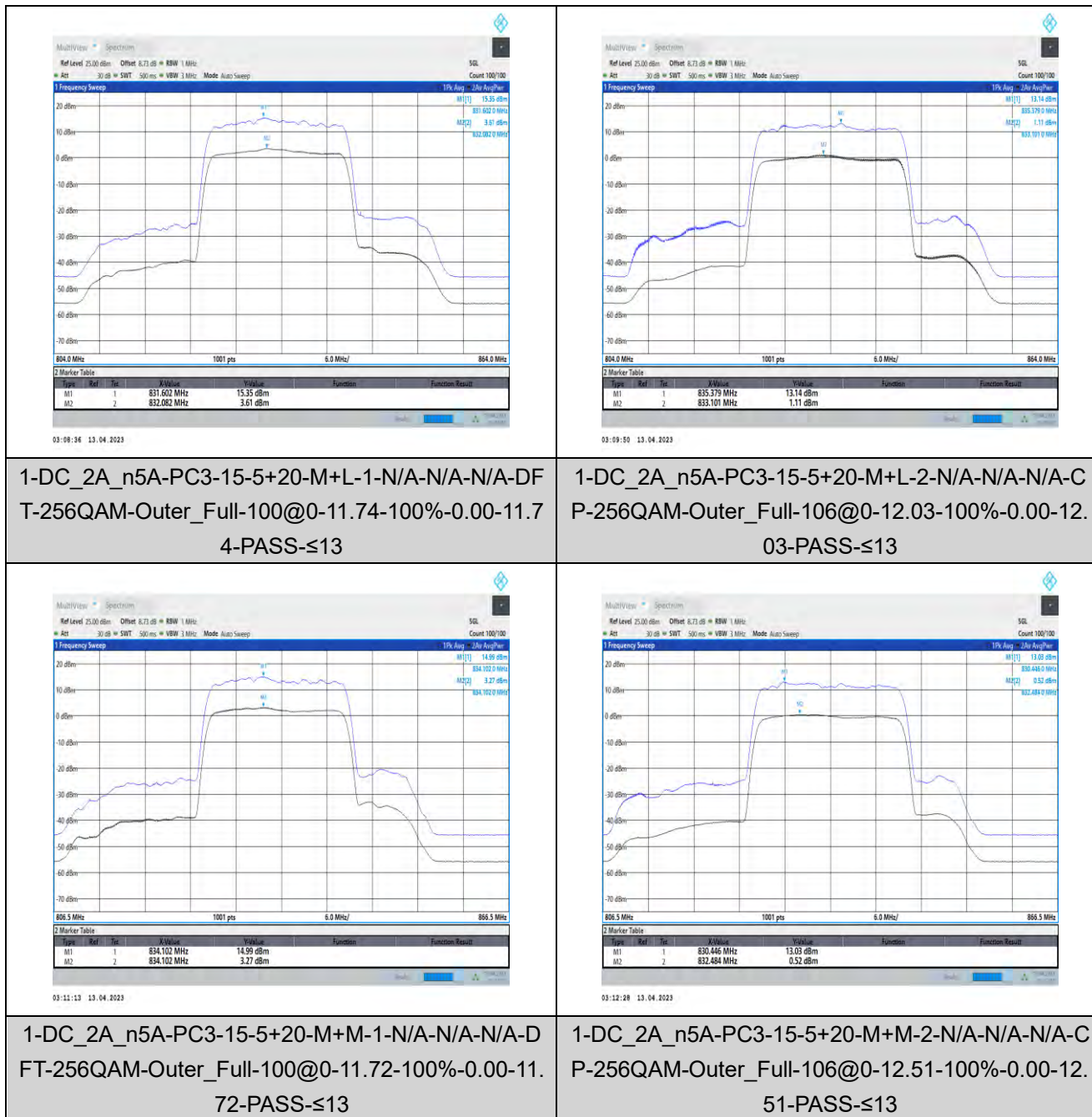
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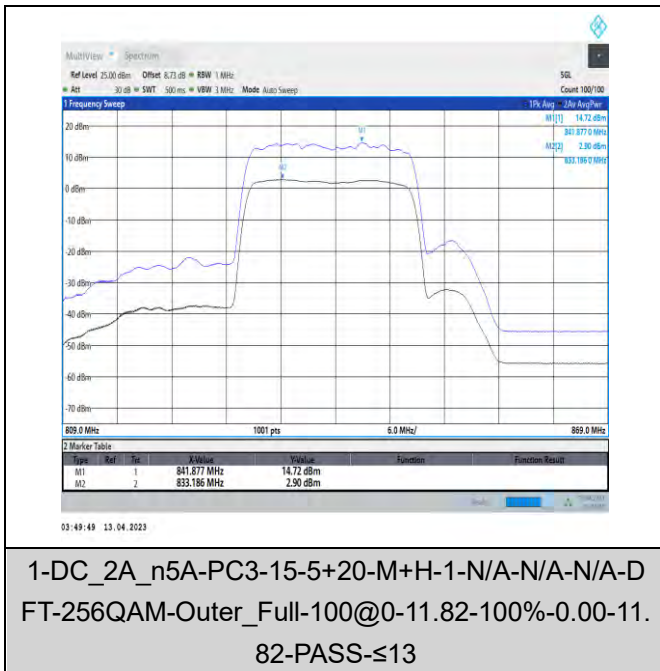
Test Graphs



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1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-D
 FT-256QAM-Outer_Full-100@0-11.82-100%-0.00-11.
 82-PASS-≤13



1-DC_2A_n5A-PC3-15-5+20-M+H-2-N/A-N/A-N/A-C
 P-256QAM-Outer_Full-106@0-12.93-100%-0.00-12.
 93-PASS-≤13



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26dB Bandwidth and Occupied Bandwidth for NSA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_2A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	4.480	4.900	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+L	Outer_Full	4.467	4.890	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	4.485	4.960	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+L	Outer_Full	4.481	4.950	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+L	Outer_Full	4.464	4.870	PASS
DC_2A_n5A	15	5+5	CP-QPSK	M+L	Outer_Full	4.473	4.980	PASS
DC_2A_n5A	15	5+5	CP-16QAM	M+L	Outer_Full	4.483	4.950	PASS
DC_2A_n5A	15	5+5	CP-64QAM	M+L	Outer_Full	4.473	4.930	PASS
DC_2A_n5A	15	5+5	CP-256QAM	M+L	Outer_Full	4.468	4.890	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.494	4.900	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+M	Outer_Full	4.467	4.870	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.480	4.890	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+M	Outer_Full	4.476	4.920	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+M	Outer_Full	4.470	4.970	PASS
DC_2A_n5A	15	5+5	CP-QPSK	M+M	Outer_Full	4.470	4.950	PASS
DC_2A_n5A	15	5+5	CP-16QAM	M+M	Outer_Full	4.473	4.930	PASS
DC_2A_n5A	15	5+5	CP-64QAM	M+M	Outer_Full	4.473	4.930	PASS
DC_2A_n5A	15	5+5	CP-256QAM	M+M	Outer_Full	4.477	4.970	PASS
DC_2A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	4.478	4.890	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+H	Outer_Full	4.467	4.830	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	4.490	4.950	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+H	Outer_Full	4.480	4.930	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+H	Outer_Full	4.468	4.880	PASS
DC_2A_n5A	15	5+5	CP-QPSK	M+H	Outer_Full	4.477	4.980	PASS
DC_2A_n5A	15	5+5	CP-16QAM	M+H	Outer_Full	4.483	4.970	PASS
DC_2A_n5A	15	5+5	CP-64QAM	M+H	Outer_Full	4.472	4.950	PASS
DC_2A_n5A	15	5+5	CP-256QAM	M+H	Outer_Full	4.471	4.920	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	8.913	9.420	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+L	Outer_Full	8.903	9.520	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	8.929	9.580	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+L	Outer_Full	8.932	9.580	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+L	Outer_Full	8.921	9.540	PASS



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DC_2A_n5A	15	5+10	CP-QPSK	M+L	Outer_Full	9.286	9.960	PASS
DC_2A_n5A	15	5+10	CP-16QAM	M+L	Outer_Full	9.278	9.960	PASS
DC_2A_n5A	15	5+10	CP-64QAM	M+L	Outer_Full	9.261	9.940	PASS
DC_2A_n5A	15	5+10	CP-256QAM	M+L	Outer_Full	9.270	9.840	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.941	9.460	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+M	Outer_Full	8.928	9.620	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.930	9.500	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+M	Outer_Full	8.932	9.600	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+M	Outer_Full	8.928	9.540	PASS
DC_2A_n5A	15	5+10	CP-QPSK	M+M	Outer_Full	9.288	9.980	PASS
DC_2A_n5A	15	5+10	CP-16QAM	M+M	Outer_Full	9.298	10.000	PASS
DC_2A_n5A	15	5+10	CP-64QAM	M+M	Outer_Full	9.261	9.940	PASS
DC_2A_n5A	15	5+10	CP-256QAM	M+M	Outer_Full	9.288	9.880	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	8.911	9.420	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+H	Outer_Full	8.954	11.680	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	8.909	9.500	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+H	Outer_Full	8.912	9.520	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+H	Outer_Full	8.911	9.500	PASS
DC_2A_n5A	15	5+10	CP-QPSK	M+H	Outer_Full	9.269	9.960	PASS
DC_2A_n5A	15	5+10	CP-16QAM	M+H	Outer_Full	9.284	9.940	PASS
DC_2A_n5A	15	5+10	CP-64QAM	M+H	Outer_Full	9.237	9.860	PASS
DC_2A_n5A	15	5+10	CP-256QAM	M+H	Outer_Full	9.269	9.920	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	14.175	14.880	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+L	Outer_Full	13.370	14.460	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	13.446	14.100	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+L	Outer_Full	13.426	14.190	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+L	Outer_Full	13.365	14.190	PASS
DC_2A_n5A	15	5+15	CP-QPSK	M+L	Outer_Full	14.044	14.940	PASS
DC_2A_n5A	15	5+15	CP-16QAM	M+L	Outer_Full	14.055	15.000	PASS
DC_2A_n5A	15	5+15	CP-64QAM	M+L	Outer_Full	14.106	14.940	PASS
DC_2A_n5A	15	5+15	CP-256QAM	M+L	Outer_Full	14.133	14.820	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.417	14.280	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+M	Outer_Full	13.384	14.250	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.451	14.310	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+M	Outer_Full	13.418	14.340	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+M	Outer_Full	13.406	14.280	PASS
DC_2A_n5A	15	5+15	CP-QPSK	M+M	Outer_Full	14.082	14.940	PASS



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DC_2A_n5A	15	5+15	CP-16QAM	M+M	Outer_Full	14.101	15.030	PASS
DC_2A_n5A	15	5+15	CP-64QAM	M+M	Outer_Full	14.145	15.480	PASS
DC_2A_n5A	15	5+15	CP-256QAM	M+M	Outer_Full	14.141	14.970	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	13.401	14.100	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+H	Outer_Full	13.390	14.100	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	13.401	14.040	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+H	Outer_Full	13.421	14.340	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+H	Outer_Full	13.388	14.280	PASS
DC_2A_n5A	15	5+15	CP-QPSK	M+H	Outer_Full	14.076	15.000	PASS
DC_2A_n5A	15	5+15	CP-16QAM	M+H	Outer_Full	14.078	14.970	PASS
DC_2A_n5A	15	5+15	CP-64QAM	M+H	Outer_Full	14.135	15.000	PASS
DC_2A_n5A	15	5+15	CP-256QAM	M+H	Outer_Full	14.135	14.910	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	17.796	18.680	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+L	Outer_Full	17.830	18.680	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	17.845	18.720	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+L	Outer_Full	17.807	18.720	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+L	Outer_Full	17.799	18.760	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+L	Outer_Full	18.851	19.840	PASS
DC_2A_n5A	15	5+20	CP-16QAM	M+L	Outer_Full	18.952	19.920	PASS
DC_2A_n5A	15	5+20	CP-64QAM	M+L	Outer_Full	18.889	19.880	PASS
DC_2A_n5A	15	5+20	CP-256QAM	M+L	Outer_Full	18.821	19.840	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.809	18.680	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	17.778	18.720	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.816	18.760	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+M	Outer_Full	17.812	18.800	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+M	Outer_Full	17.801	18.680	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	18.825	19.840	PASS
DC_2A_n5A	15	5+20	CP-16QAM	M+M	Outer_Full	18.921	19.880	PASS
DC_2A_n5A	15	5+20	CP-64QAM	M+M	Outer_Full	18.863	19.840	PASS
DC_2A_n5A	15	5+20	CP-256QAM	M+M	Outer_Full	18.825	19.840	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	17.808	18.760	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+H	Outer_Full	17.820	18.800	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	17.825	18.840	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+H	Outer_Full	17.808	18.800	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+H	Outer_Full	17.804	18.720	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+H	Outer_Full	18.834	20.560	PASS
DC_2A_n5A	15	5+20	CP-16QAM	M+H	Outer_Full	18.936	19.880	PASS



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DC_2A_n5A	15	5+20	CP-64QAM	M+H	Outer_Full	18.881	19.920	PASS
DC_2A_n5A	15	5+20	CP-256QAM	M+H	Outer_Full	18.829	19.880	PASS

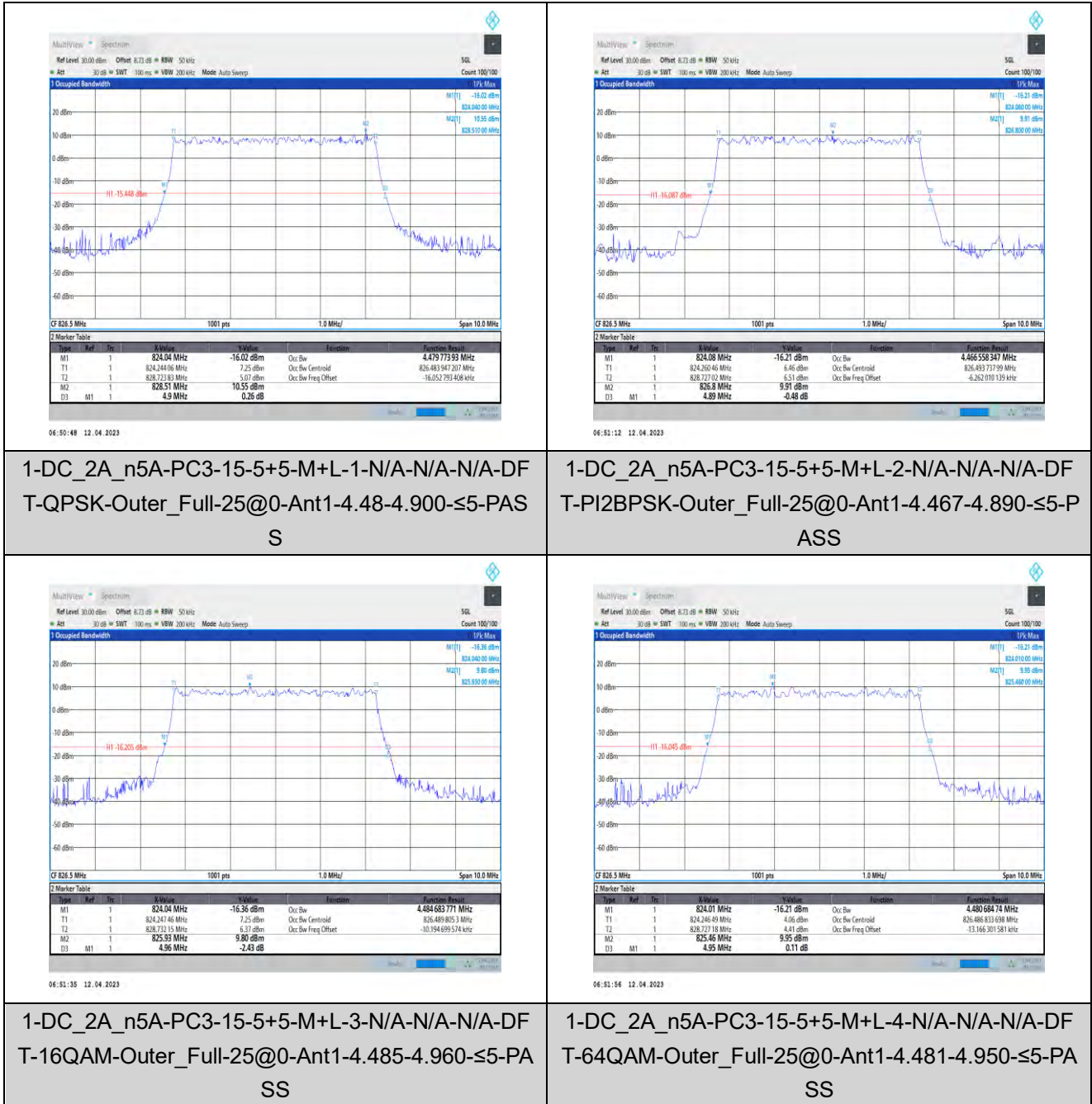


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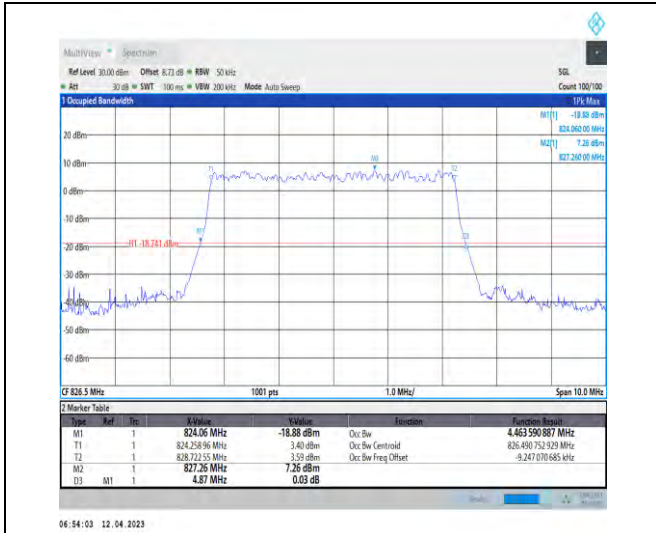
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Test Graphs

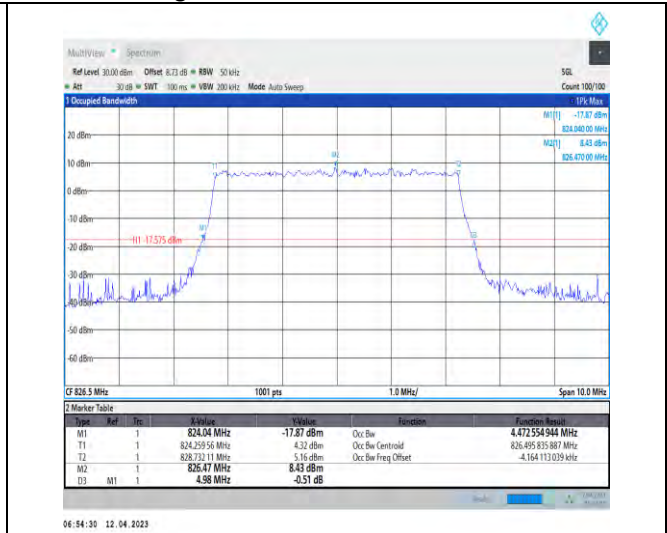


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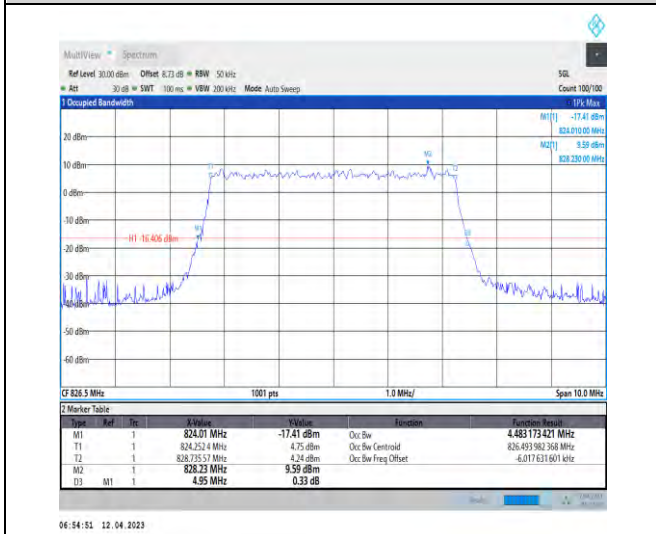
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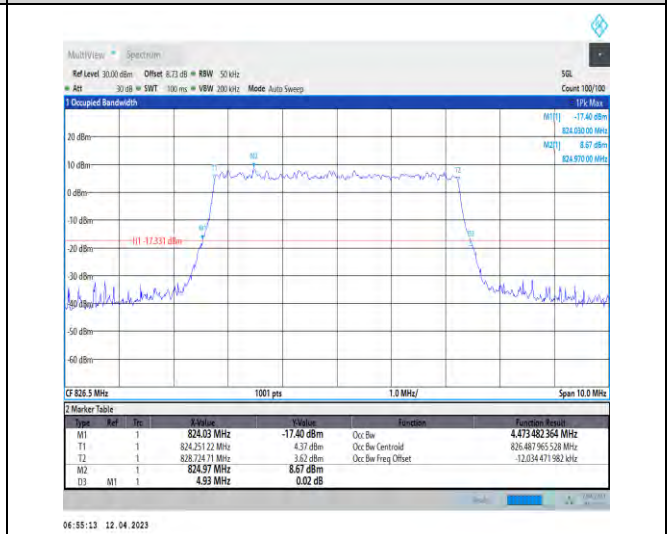
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1-DC_2A_n5A-PC3-15-5+5-M+L-6-N/A-N/A-N/A-CP-QPSK-Outer_Full-25@0-Ant1-4.473-4.980-≤5-PASS



1-DC_2A_n5A-PC3-15-5+5-M+L-7-N/A-N/A-N/A-CP-16QAM-Outer_Full-25@0-Ant1-4.483-4.950-≤5-PAS S



1-DC_2A_n5A-PC3-15-5+5-M+L-8-N/A-N/A-N/A-CP-64QAM-Outer_Full-25@0-Ant1-4.473-4.930-≤5-PAS S



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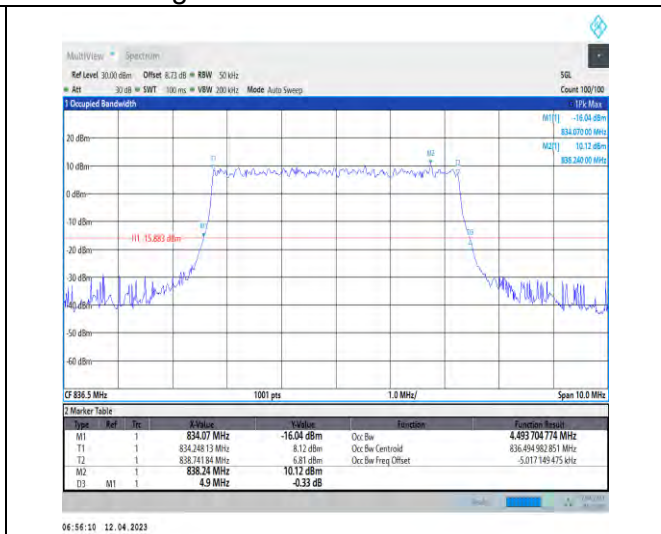
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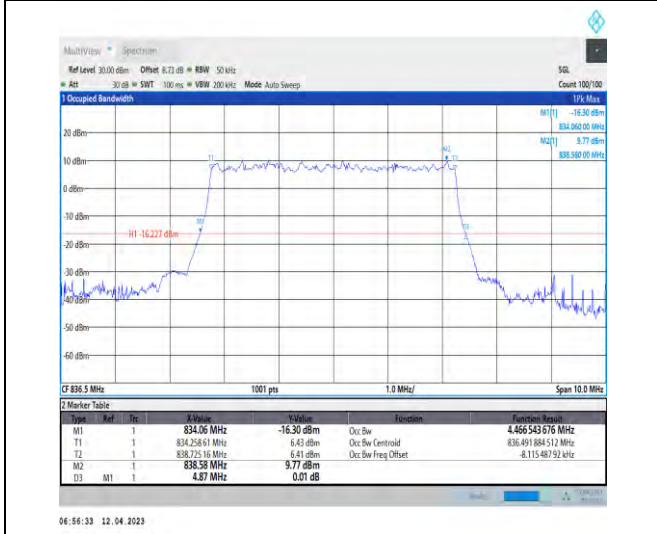
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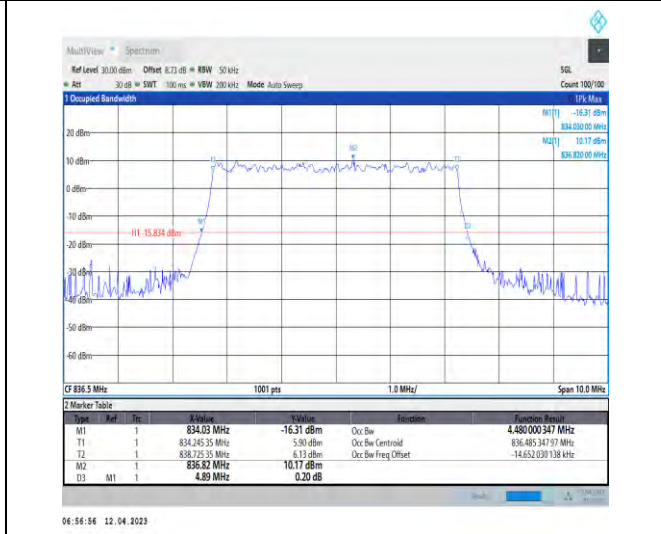
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1-DC_2A_n5A-PC3-15-5+5-M+M-1-N/A-N/A-N/A-DF T-QPSK-Outer_Full-25@0-Ant1-4.494-4.900-≤5-PAS S



1-DC_2A_n5A-PC3-15-5+5-M+M-2-N/A-N/A-N/A-DF T-PI2BPSK-Outer_Full-25@0-Ant1-4.467-4.870-≤5-P ASS

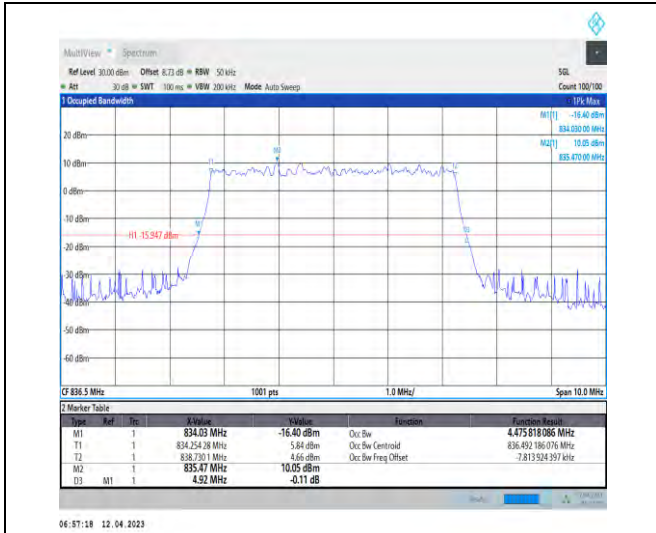


1-DC_2A_n5A-PC3-15-5+5-M+M-3-N/A-N/A-N/A-DF T-16QAM-Outer_Full-25@0-Ant1-4.48-4.890-≤5-PAS S



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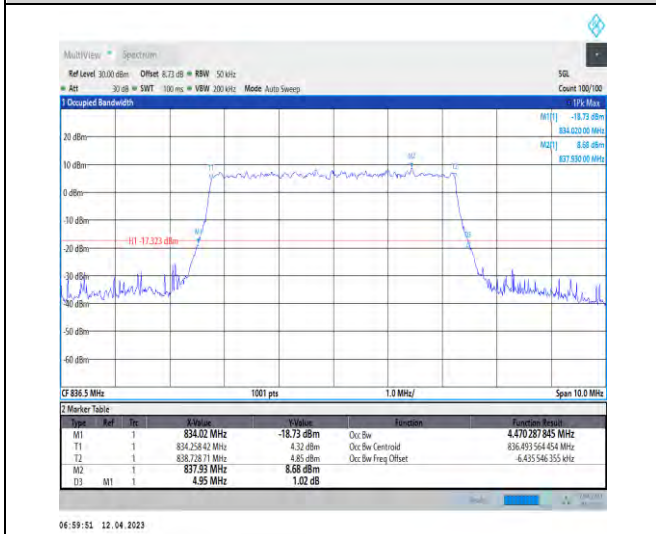
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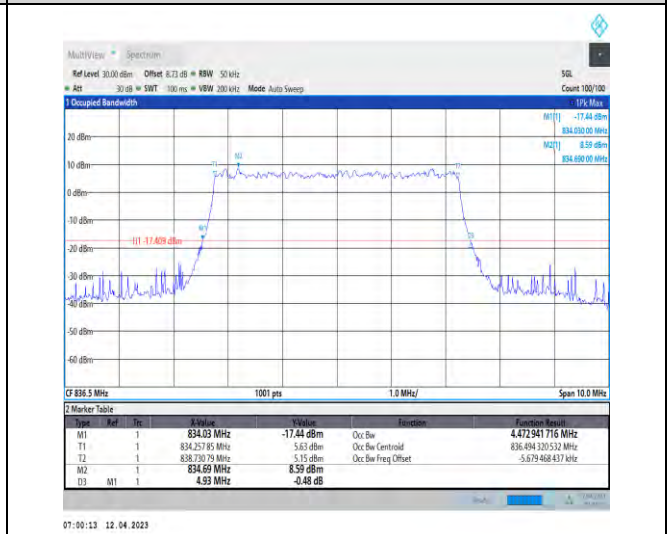
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 T-64QAM-Outer_Full-25@0-Ant1-4.476-4.920-≤5-PA
 SS



1-DC_2A_n5A-PC3-15-5+5-M+M-5-N/A-N/A-N/A-DF
 T-256QAM-Outer_Full-25@0-Ant1-4.47-4.970-≤5-PA
 SS



1-DC_2A_n5A-PC3-15-5+5-M+M-6-N/A-N/A-N/A-CP
 -QPSK-Outer_Full-25@0-Ant1-4.47-4.950-≤5-PASS



1-DC_2A_n5A-PC3-15-5+5-M+M-7-N/A-N/A-N/A-CP
 -16QAM-Outer_Full-25@0-Ant1-4.473-4.930-≤5-PAS
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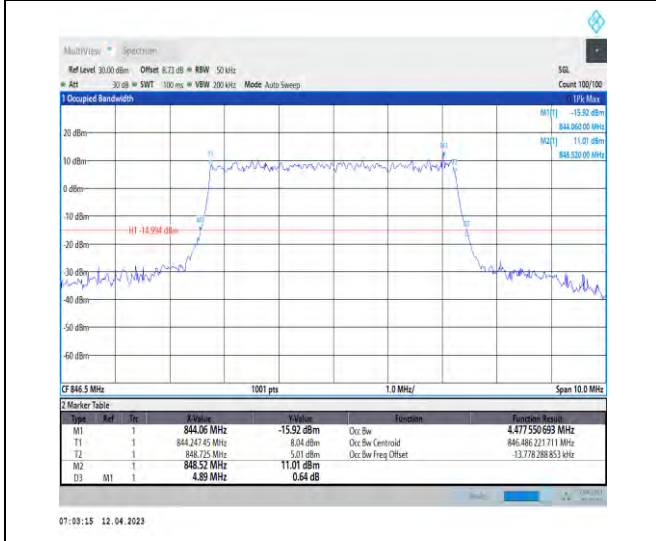
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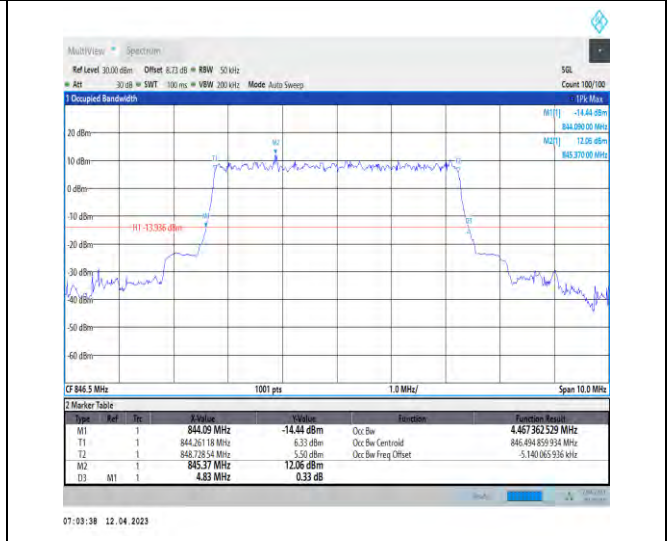
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1-DC_2A_n5A-PC3-15-5+5-M+M-9-N/A-N/A-N/A-CP-256QAM-Outer_Full-25@0-Ant1-4.477-4.970-≤5-PA SS



1-DC_2A_n5A-PC3-15-5+5-M+H-1-N/A-N/A-N/A-DF T-QPSK-Outer_Full-25@0-Ant1-4.478-4.890-≤5-PAS S



1-DC_2A_n5A-PC3-15-5+5-M+H-2-N/A-N/A-N/A-DF T-PI2BPSK-Outer_Full-25@0-Ant1-4.467-4.830-≤5-P ASS



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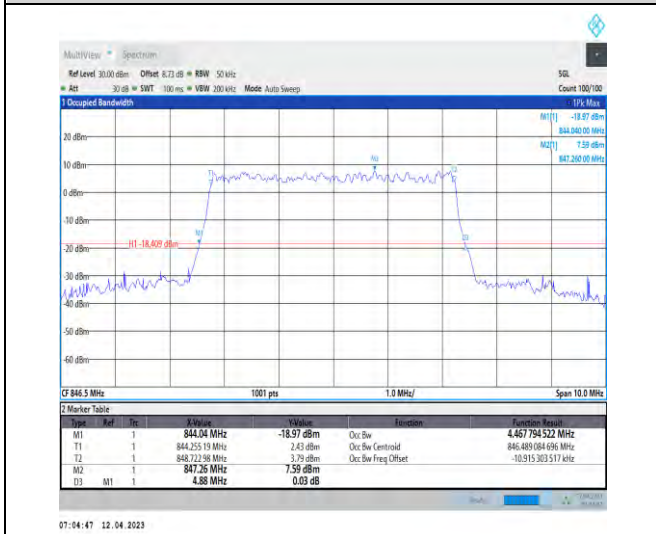
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1-DC_2A_n5A-PC3-15-5+5-M+H-3-N/A-N/A-N/A-DF
T-16QAM-Outer_Full-25@0-Ant1-4.49-4.950-≤5-PAS
S



1-DC_2A_n5A-PC3-15-5+5-M+H-4-N/A-N/A-N/A-DF
T-64QAM-Outer_Full-25@0-Ant1-4.48-4.930-≤5-PAS
S



1-DC_2A_n5A-PC3-15-5+5-M+H-5-N/A-N/A-N/A-DF
T-256QAM-Outer_Full-25@0-Ant1-4.468-4.880-≤5-P
ASS



1-DC_2A_n5A-PC3-15-5+5-M+H-6-N/A-N/A-N/A-CP
-QPSK-Outer_Full-25@0-Ant1-4.477-4.980-≤5-PASS

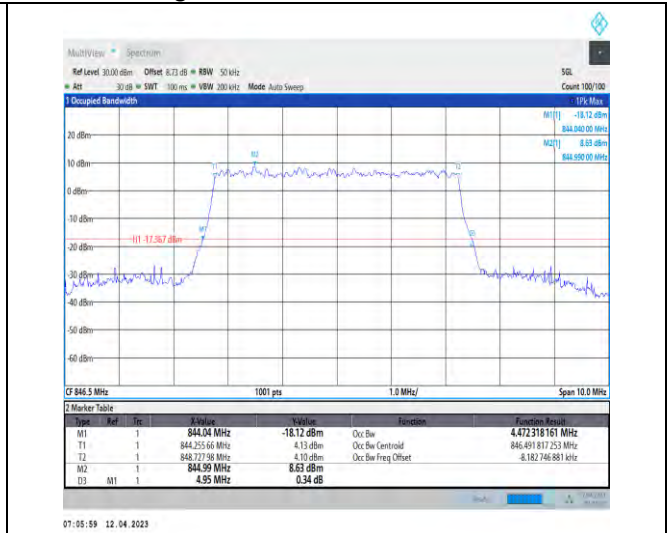


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1-DC_2A_n5A-PC3-15-5+5-M+H-7-N/A-N/A-N/A-CP
-16QAM-Outer_Full-25@0-Ant1-4.483-4.970-≤5-PAS
S



1-DC_2A_n5A-PC3-15-5+5-M+H-8-N/A-N/A-N/A-CP
-64QAM-Outer_Full-25@0-Ant1-4.472-4.950-≤5-PAS
S



1-DC_2A_n5A-PC3-15-5+5-M+H-9-N/A-N/A-N/A-CP
-256QAM-Outer_Full-25@0-Ant1-4.471-4.920-≤5-PA
SS



1-DC_2A_n5A-PC3-15-5+10-M+L-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-50@0-Ant1-8.913-9.420-≤10-P
ASS



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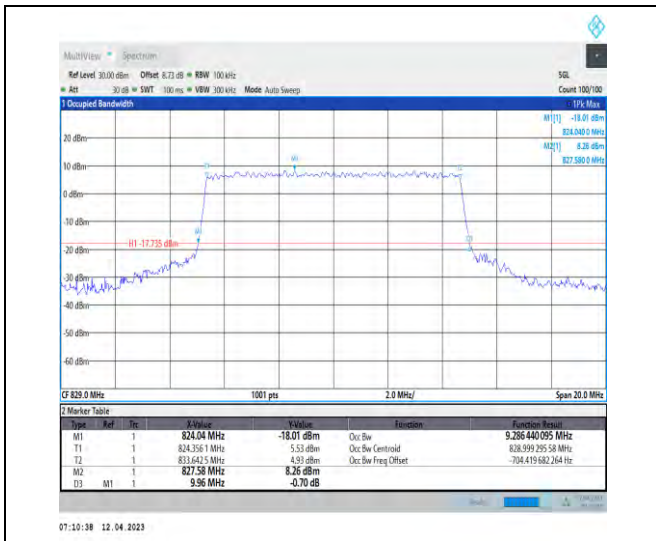
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1-DC_2A_n5A-PC3-15-5+10-M+L-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-52@0-Ant1-9.286-9.960-≤10-PA
SS

1-DC_2A_n5A-PC3-15-5+10-M+L-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-52@0-Ant1-9.278-9.960-≤10-P
ASS



1-DC_2A_n5A-PC3-15-5+10-M+L-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-52@0-Ant1-9.261-9.940-≤10-P
ASS

1-DC_2A_n5A-PC3-15-5+10-M+L-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-52@0-Ant1-9.27-9.840-≤10-P
ASS



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1-DC_2A_n5A-PC3-15-5+10-M+M-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-50@0-Ant1-8.941-9.460-≤10-P
ASS



1-DC_2A_n5A-PC3-15-5+10-M+M-2-N/A-N/A-N/A-D
FT-PI2BPSK-Outer_Full-50@0-Ant1-8.928-9.620-≤10-PASS



1-DC_2A_n5A-PC3-15-5+10-M+M-3-N/A-N/A-N/A-D
FT-16QAM-Outer_Full-50@0-Ant1-8.93-9.500-≤10-P
ASS



1-DC_2A_n5A-PC3-15-5+10-M+M-4-N/A-N/A-N/A-D
FT-64QAM-Outer_Full-50@0-Ant1-8.932-9.600-≤10-PASS

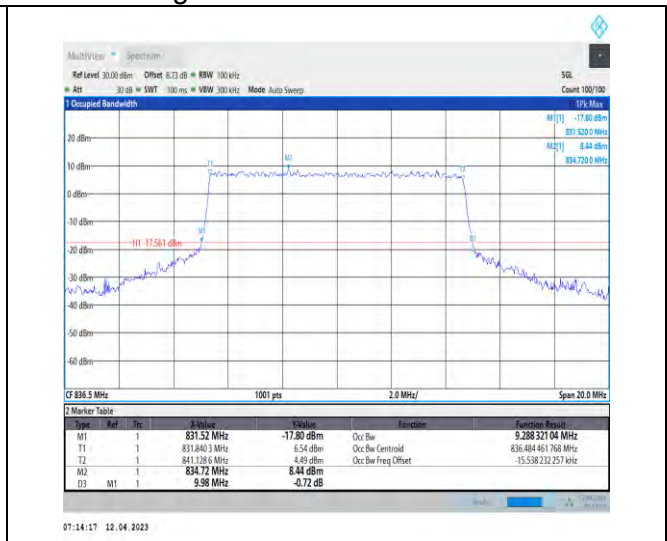


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1-DC_2A_n5A-PC3-15-5+10-M+M-5-N/A-N/A-N/A-D
FT-256QAM-Outer_Full-50@0-Ant1-8.928-9.540-≤1
0-PASS



1-DC_2A_n5A-PC3-15-5+10-M+M-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-52@0-Ant1-9.288-9.980-≤10-PA
SS



1-DC_2A_n5A-PC3-15-5+10-M+M-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-52@0-Ant1-9.298-10.000-≤10-
PASS



1-DC_2A_n5A-PC3-15-5+10-M+M-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-52@0-Ant1-9.261-9.940-≤10-P
ASS



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1-DC_2A_n5A-PC3-15-5+10-M+M-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-52@0-Ant1-9.288-9.880≤10-PASS



1-DC_2A_n5A-PC3-15-5+10-M+H-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-50@0-Ant1-8.911-9.420≤10-PASS



1-DC_2A_n5A-PC3-15-5+10-M+H-2-N/A-N/A-N/A-D
FT-PI2BPSK-Outer_Full-50@0-Ant1-8.954-11.680≤10-PASS

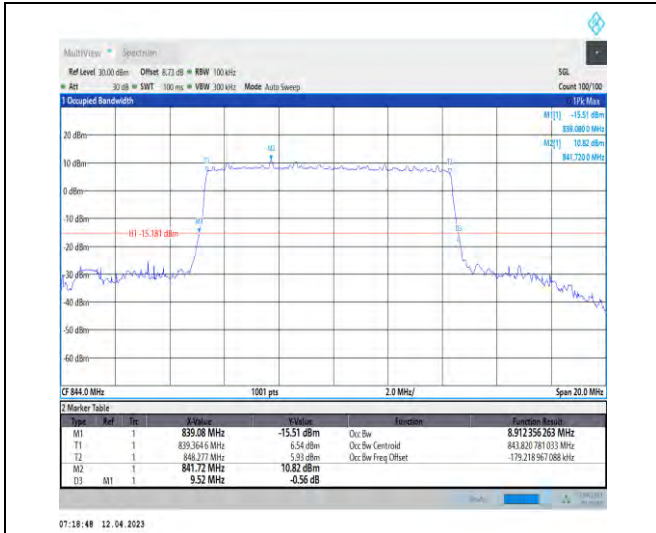


1-DC_2A_n5A-PC3-15-5+10-M+H-3-N/A-N/A-N/A-D
FT-16QAM-Outer_Full-50@0-Ant1-8.909-9.500≤10-PASS



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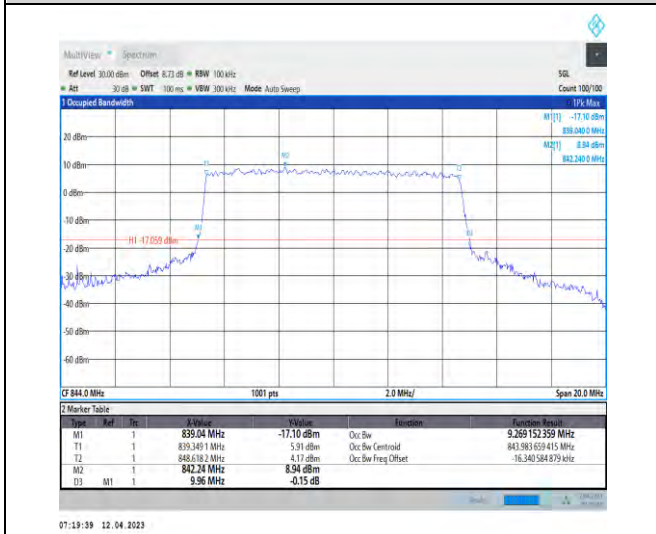
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1-DC_2A_n5A-PC3-15-5+10-M+H-4-N/A-N/A-N/A-D
FT-64QAM-Outer_Full-50@0-Ant1-8.912-9.520-≤10-
PASS



1-DC_2A_n5A-PC3-15-5+10-M+H-5-N/A-N/A-N/A-D
FT-256QAM-Outer_Full-50@0-Ant1-8.911-9.500-≤10-
-PASS



1-DC_2A_n5A-PC3-15-5+10-M+H-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-52@0-Ant1-9.269-9.960-≤10-PA
SS



1-DC_2A_n5A-PC3-15-5+10-M+H-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-52@0-Ant1-9.284-9.940-≤10-P
ASS



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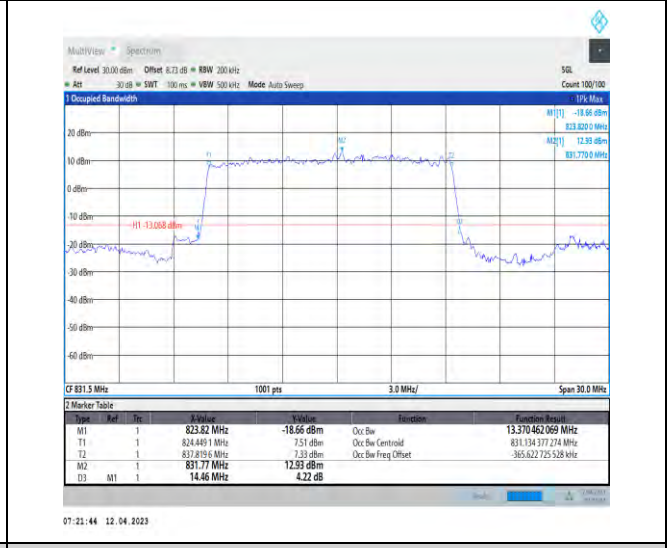
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P-64QAM-Outer_Full-52@0-Ant1-9.237-9.860-≤10-P
ASS



1-DC_2A_n5A-PC3-15-5+10-M+H-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-52@0-Ant1-9.269-9.920-≤10-P
PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-75@0-Ant1-14.175-14.880-≤15
-PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-2-N/A-N/A-N/A-D
FT-PI2BPSK-Outer_Full-75@0-Ant1-13.37-14.460-≤
15-PASS



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1-DC_2A_n5A-PC3-15-5+15-M+L-3-N/A-N/A-N/A-D
FT-16QAM-Outer_Full-75@0-Ant1-13.446-14.100-≤
15-PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-4-N/A-N/A-N/A-D
FT-64QAM-Outer_Full-75@0-Ant1-13.426-14.190-≤1
5-PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-5-N/A-N/A-N/A-D
FT-256QAM-Outer_Full-75@0-Ant1-13.365-14.310-
≤15-PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-79@0-Ant1-14.044-14.940-≤15-
PASS



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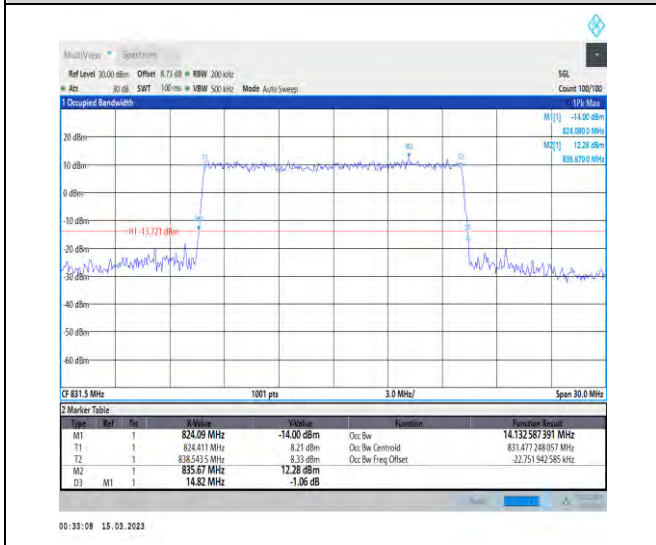
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1-DC_2A_n5A-PC3-15-5+15-M+L-7-N/A-N/A-N/A-C
 P-16QAM-Outer_Full-79@0-Ant1-14.055-15.000-≤1
 5-PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-8-N/A-N/A-N/A-C
 P-64QAM-Outer_Full-79@0-Ant1-14.106-14.940-≤15
 -PASS



1-DC_2A_n5A-PC3-15-5+15-M+L-9-N/A-N/A-N/A-C
 P-256QAM-Outer_Full-79@0-Ant1-14.133-14.820-≤
 15-PASS

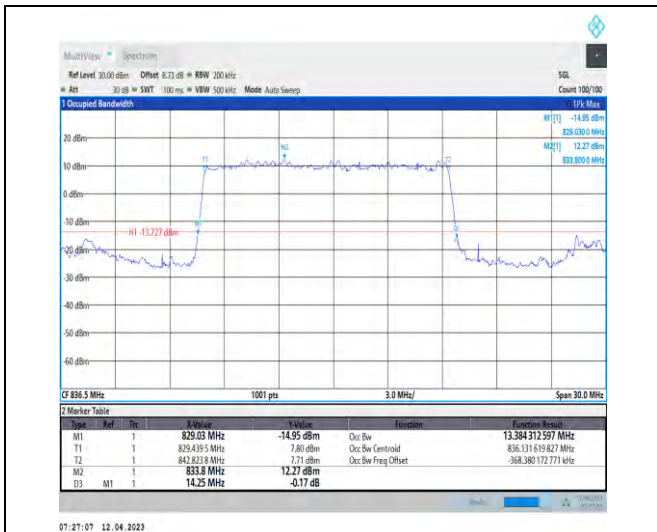


1-DC_2A_n5A-PC3-15-5+15-M+M-1-N/A-N/A-N/A-D
 FT-QPSK-Outer_Full-75@0-Ant1-13.417-14.280-≤15
 -PASS

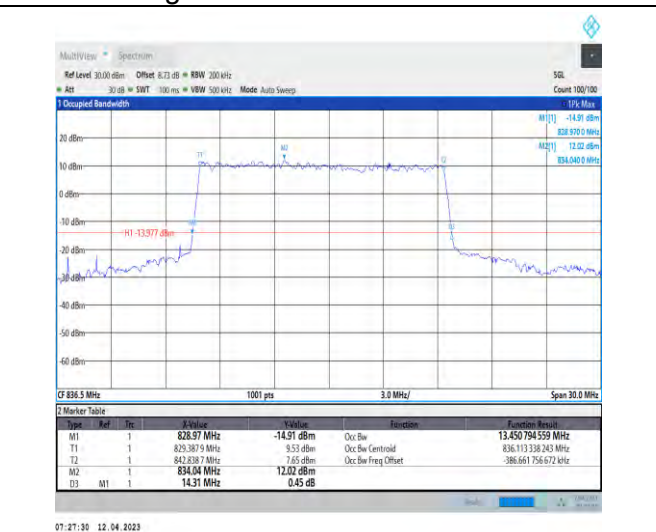


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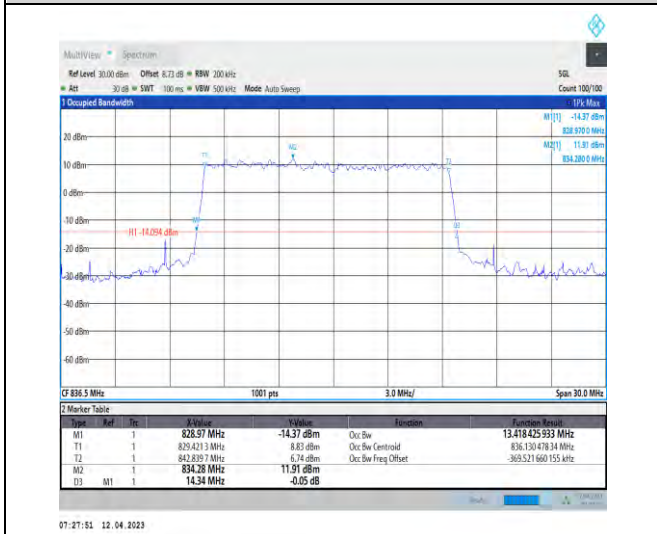
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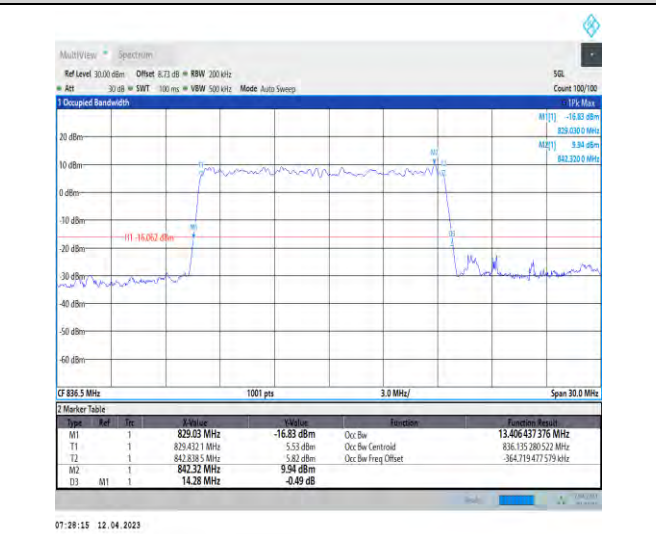
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 FT-PI2BPSK-Outer_Full-75@0-Ant1-13.384-14.250-
 ≤15-PASS



1-DC_2A_n5A-PC3-15-5+15-M+M-3-N/A-N/A-N/A-D
 FT-16QAM-Outer_Full-75@0-Ant1-13.451-14.310-≤1
 5-PASS



1-DC_2A_n5A-PC3-15-5+15-M+M-4-N/A-N/A-N/A-D
 FT-64QAM-Outer_Full-75@0-Ant1-13.418-14.340-≤
 15-PASS

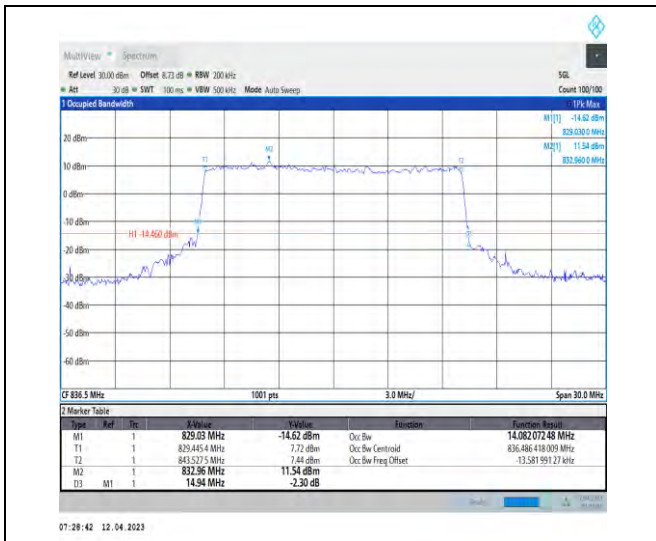


1-DC_2A_n5A-PC3-15-5+15-M+M-5-N/A-N/A-N/A-D
 FT-256QAM-Outer_Full-75@0-Ant1-13.406-14.280-≤
 15-PASS



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1-DC_2A_n5A-PC3-15-5+15-M+M-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-79@0-Ant1-14.082-14.940≤15-
PASS



1-DC_2A_n5A-PC3-15-5+15-M+M-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-79@0-Ant1-14.101-15.030≤15
-PASS



1-DC_2A_n5A-PC3-15-5+15-M+M-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-79@0-Ant1-14.145-15.480≤1
5-PASS



1-DC_2A_n5A-PC3-15-5+15-M+M-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-79@0-Ant1-14.141-14.970≤1
5-PASS



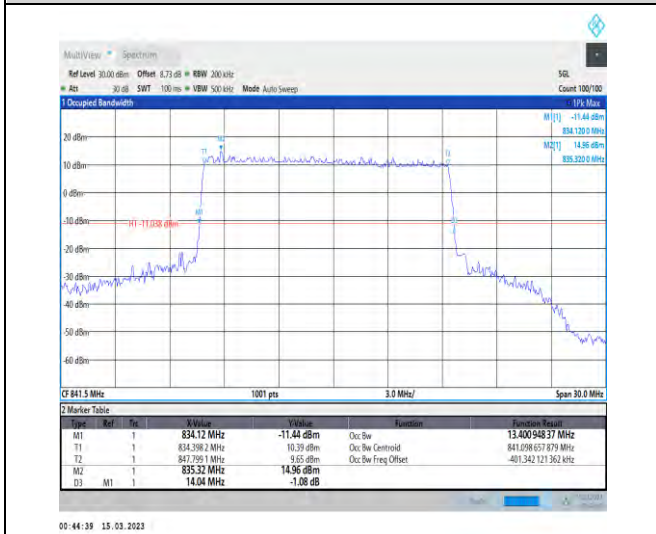
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1-DC_2A_n5A-PC3-15-5+15-M+H-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-75@0-Ant1-13.401-14.100-≤15
-PASS

1-DC_2A_n5A-PC3-15-5+15-M+H-2-N/A-N/A-N/A-D
FT-PI2BPSK-Outer_Full-75@0-Ant1-13.390-14.100-≤15-PASS



1-DC_2A_n5A-PC3-15-5+15-M+H-3-N/A-N/A-N/A-D
FT-16QAM-Outer_Full-75@0-Ant1-13.401-14.040-≤15-PASS

1-DC_2A_n5A-PC3-15-5+15-M+H-4-N/A-N/A-N/A-D
FT-64QAM-Outer_Full-75@0-Ant1-13.421-14.340-≤15-PASS

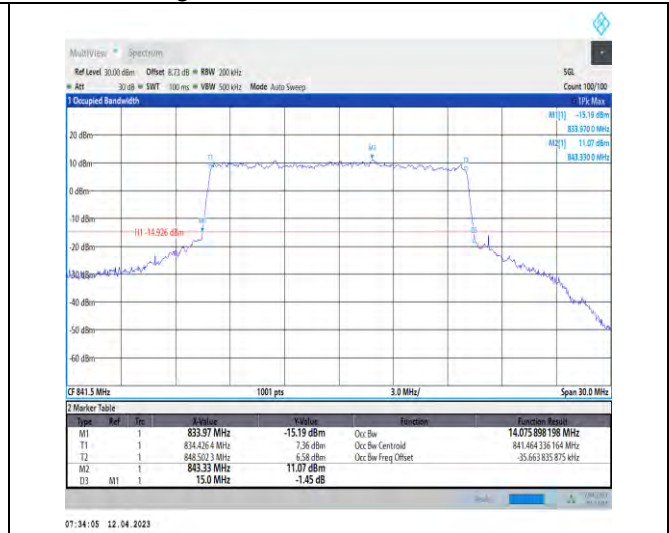


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1-DC_2A_n5A-PC3-15-5+15-M+H-5-N/A-N/A-N/A-D
FT-256QAM-Outer_Full-75@0-Ant1-13.388-14.280-
≤15-PASS



1-DC_2A_n5A-PC3-15-5+15-M+H-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-79@0-Ant1-14.076-15.000-≤15-
PASS



1-DC_2A_n5A-PC3-15-5+15-M+H-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-79@0-Ant1-14.078-14.970-≤1
5-PASS



1-DC_2A_n5A-PC3-15-5+15-M+H-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-79@0-Ant1-14.135-15.000-≤15-
-PASS



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1-DC_2A_n5A-PC3-15-5+15-M+H-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-79@0-Ant1-14.135-14.910-≤
15-PASS



1-DC_2A_n5A-PC3-15-5+20-M+L-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-100@0-Ant1-17.796-18.680-≤2
0-PASS



1-DC_2A_n5A-PC3-15-5+20-M+L-2-N/A-N/A-N/A-D
FT-PI2BPSK-Outer_Full-100@0-Ant1-17.83-18.680-
≤20-PASS

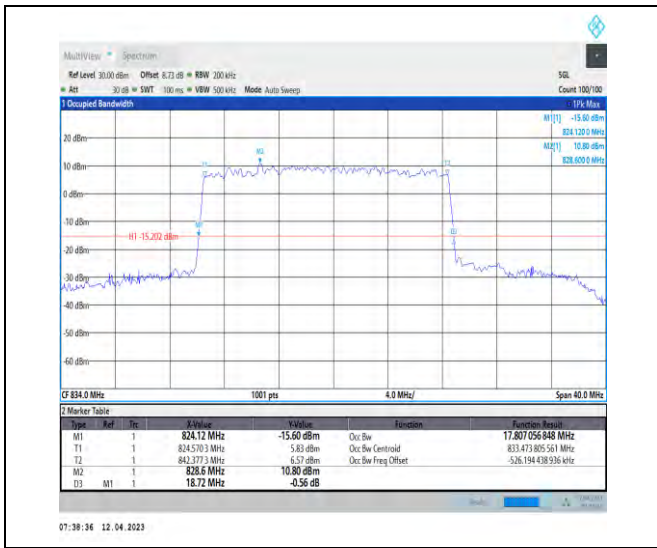


1-DC_2A_n5A-PC3-15-5+20-M+L-3-N/A-N/A-N/A-D
FT-16QAM-Outer_Full-100@0-Ant1-17.845-18.720-≤
20-PASS



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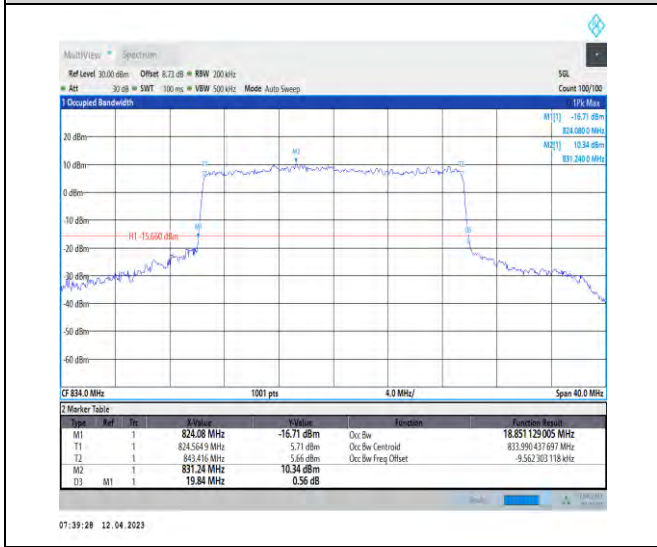
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1-DC_2A_n5A-PC3-15-5+20-M+L-4-N/A-N/A-N/A-D
 FT-64QAM-Outer_Full-100@0-Ant1-17.807-18.720-
 ≤20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+L-5-N/A-N/A-N/A-D
 FT-256QAM-Outer_Full-100@0-Ant1-17.799-18.760-
 ≤20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+L-6-N/A-N/A-N/A-C
 P-QPSK-Outer_Full-106@0-Ant1-18.851-19.840-≤2
 0-PASS



1-DC_2A_n5A-PC3-15-5+20-M+L-7-N/A-N/A-N/A-C
 P-16QAM-Outer_Full-106@0-Ant1-18.952-19.920-≤2
 0-PASS



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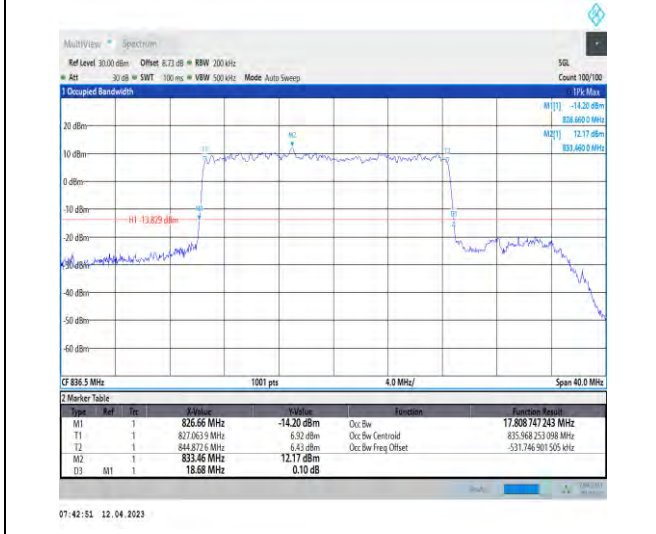
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1-DC_2A_n5A-PC3-15-5+20-M+L-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-106@0-Ant1-18.889-19.880-≤
20-PASS

1-DC_2A_n5A-PC3-15-5+20-M+L-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-106@0-Ant1-18.821-19.840-≤
20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-100@0-Ant1-17.809-18.680-≤2
0-PASS

1-DC_2A_n5A-PC3-15-5+20-M+M-2-N/A-N/A-N/A-D
FT-PI2BPSK-Outer_Full-100@0-Ant1-17.778-18.720
-≤20-PASS



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1-DC_2A_n5A-PC3-15-5+20-M+M-3-N/A-N/A-N/A-D
 FT-16QAM-Outer_Full-100@0-Ant1-17.816-18.760-
 ≤20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-4-N/A-N/A-N/A-D
 FT-64QAM-Outer_Full-100@0-Ant1-17.812-18.800-≤
 20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-5-N/A-N/A-N/A-D
 FT-256QAM-Outer_Full-100@0-Ant1-17.801-18.680
 -≤20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-6-N/A-N/A-N/A-C
 P-QPSK-Outer_Full-106@0-Ant1-18.825-19.840-≤20
 -PASS



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1-DC_2A_n5A-PC3-15-5+20-M+M-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-106@0-Ant1-18.921-19.880-≤
20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-106@0-Ant1-18.863-19.840-≤
20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-106@0-Ant1-18.825-19.840-
≤20-PASS

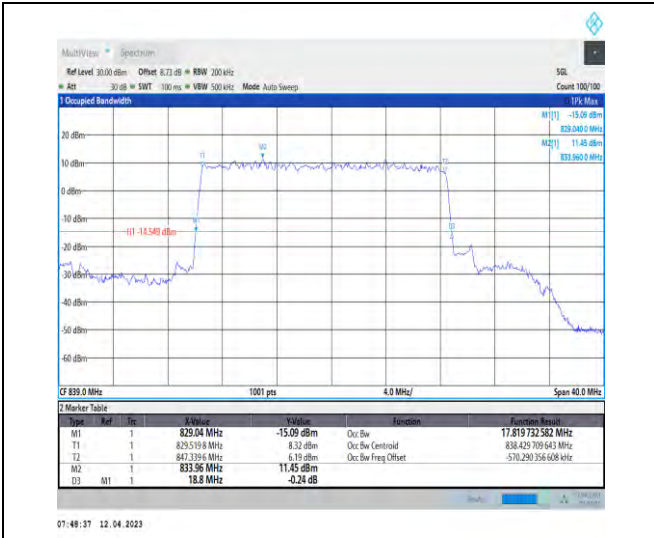


1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-D
FT-QPSK-Outer_Full-100@0-Ant1-17.808-18.760-≤
20-PASS



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1-DC_2A_n5A-PC3-15-5+20-M+H-2-N/A-N/A-N/A-D
 FT-PI2BPSK-Outer_Full-100@0-Ant1-17.82-18.800-
 ≤20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-3-N/A-N/A-N/A-D
 FT-16QAM-Outer_Full-100@0-Ant1-17.825-18.840-
 20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-4-N/A-N/A-N/A-D
 FT-64QAM-Outer_Full-100@0-Ant1-17.808-18.800-
 ≤20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-5-N/A-N/A-N/A-D
 FT-256QAM-Outer_Full-100@0-Ant1-17.804-18.720-
 ≤20-PASS



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1-DC_2A_n5A-PC3-15-5+20-M+H-6-N/A-N/A-N/A-C
P-QPSK-Outer_Full-106@0-Ant1-18.834-20.560-≤2
0-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-7-N/A-N/A-N/A-C
P-16QAM-Outer_Full-106@0-Ant1-18.936-19.880-≤2
0-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-8-N/A-N/A-N/A-C
P-64QAM-Outer_Full-106@0-Ant1-18.881-19.920-≤2
20-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-9-N/A-N/A-N/A-C
P-256QAM-Outer_Full-106@0-Ant1-18.829-19.880-≤2
20-PASS

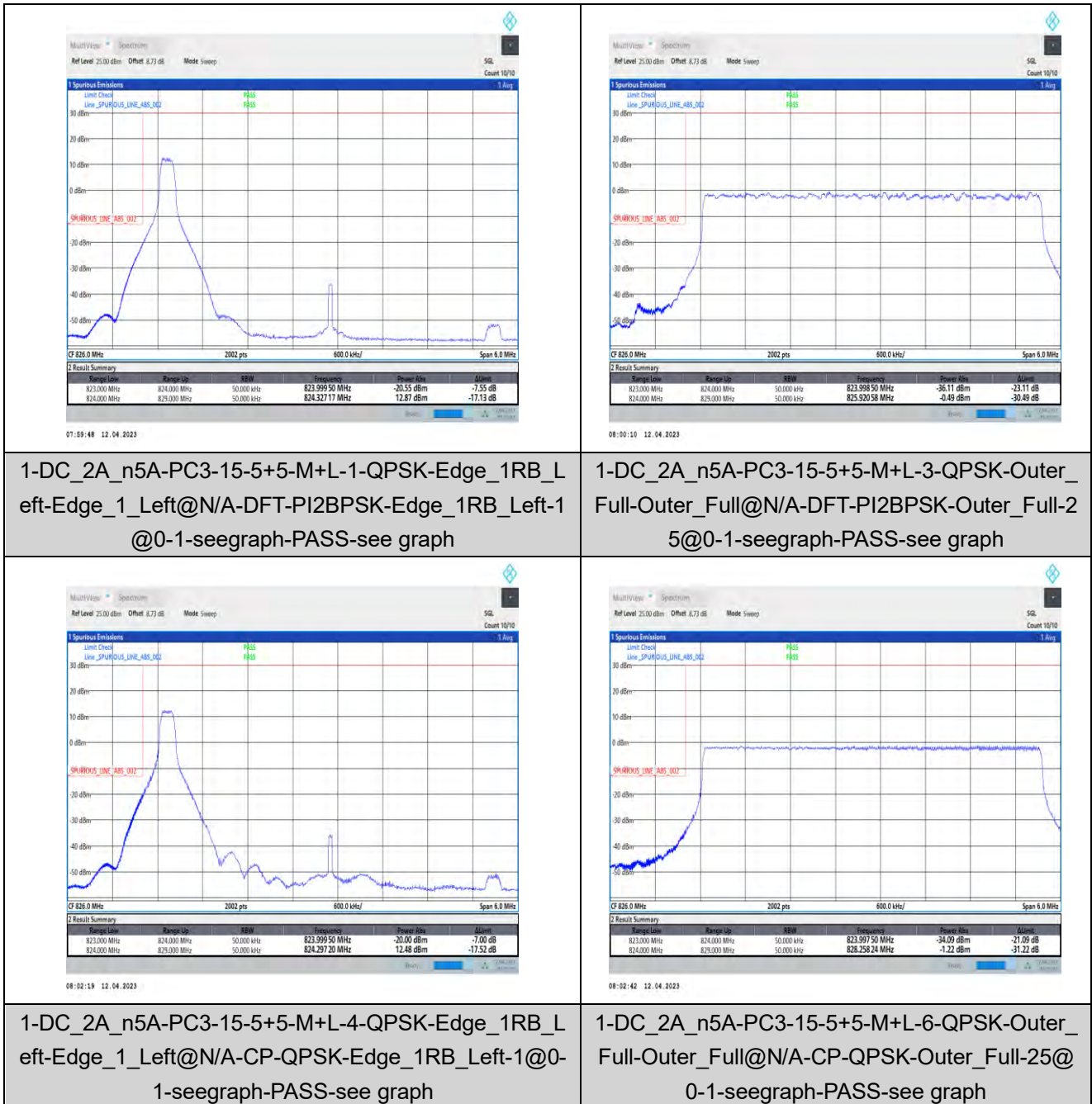


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Band Edge for NSA

Test Graphs



1-DC_2A_n5A-PC3-15-5+5-M+L-1-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-DFT-PI2BPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph

1-DC_2A_n5A-PC3-15-5+5-M+L-3-QPSK-Outer-Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-25@0-1-seegraph-PASS-see graph

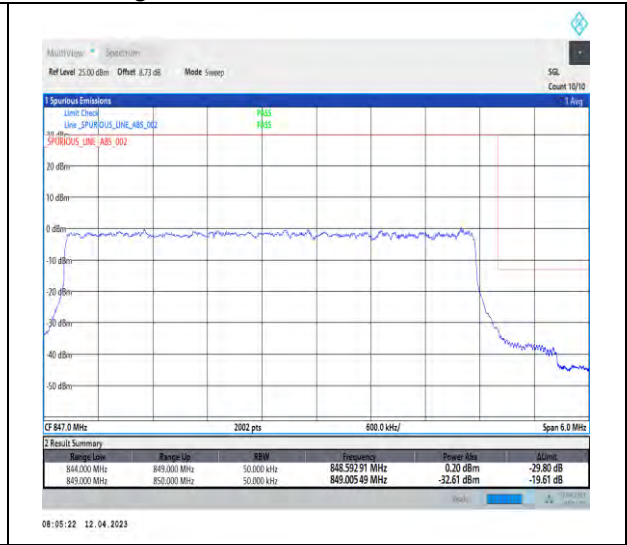
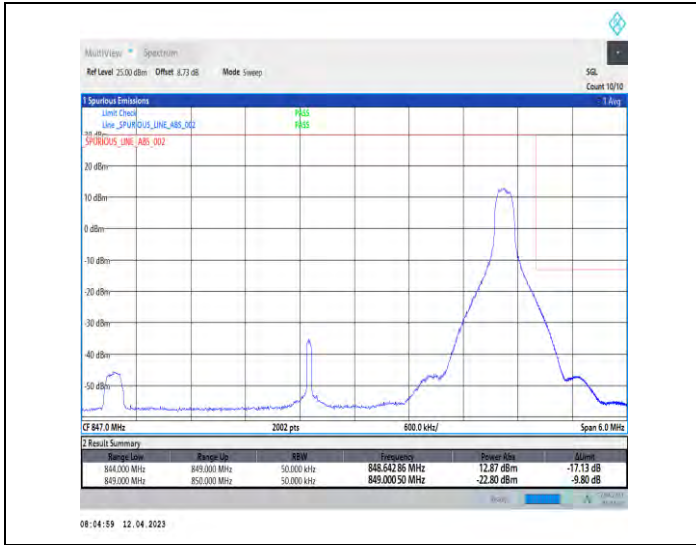
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1-DC_2A_n5A-PC3-15-5+5-M+L-6-QPSK-Outer-Full-Outer_Full@N/A-CP-QPSK-Outer_Full-25@0-1-seegraph-PASS-see graph



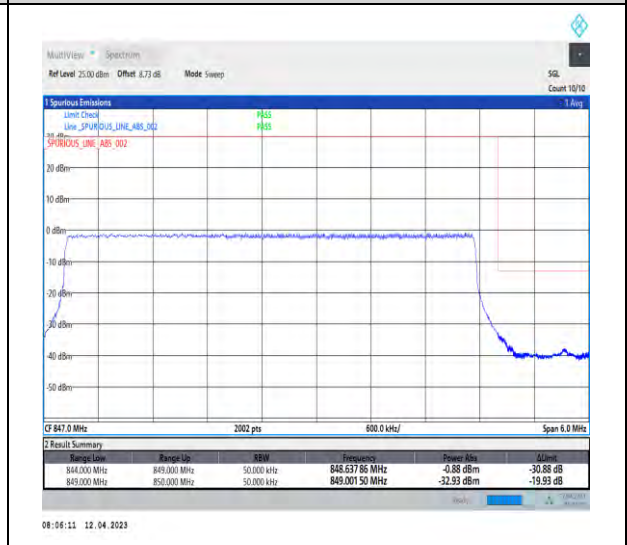
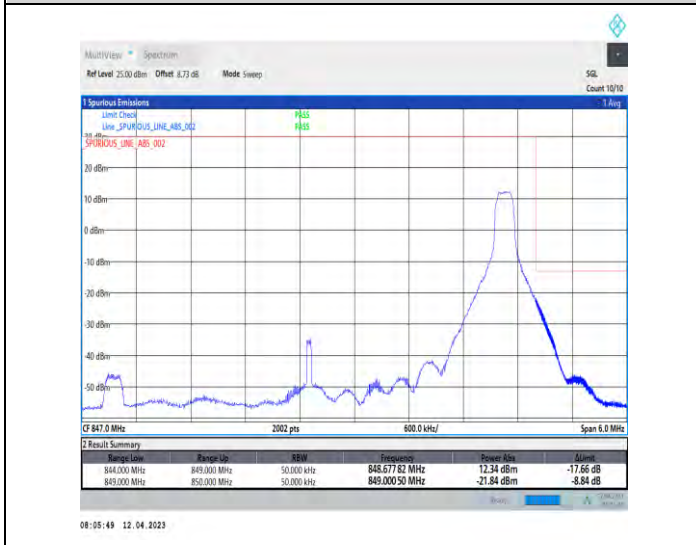
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1-DC_2A_n5A-PC3-15-5+5-M+H-2-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-DFT-PI2BPSK-Edge_1RB_Right-1@24-1-seegraph-PASS-see graph

1-DC_2A_n5A-PC3-15-5+5-M+H-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-25@0-1-seegraph-PASS-see graph



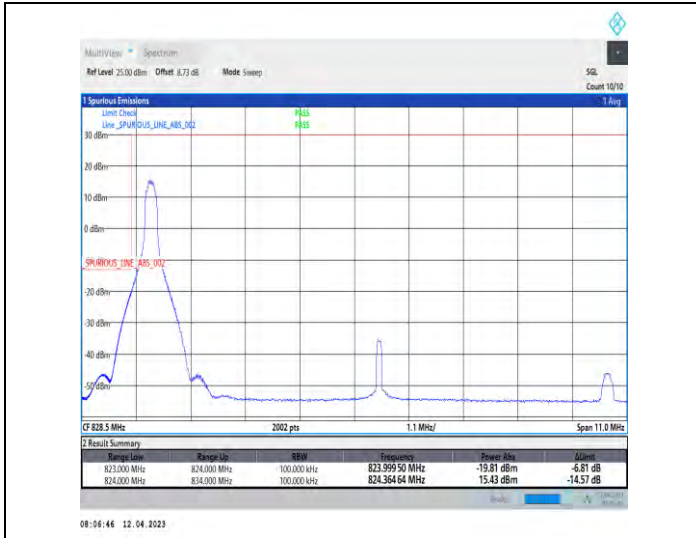
1-DC_2A_n5A-PC3-15-5+5-M+H-5-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-CP-QPSK-Edge_1RB_Right-1@24-1-seegraph-PASS-see graph

1-DC_2A_n5A-PC3-15-5+5-M+H-6-QPSK-Outer_Full-Outer_Full@N/A-CP-QPSK-Outer_Full-25@0-1-seegraph-PASS-see graph



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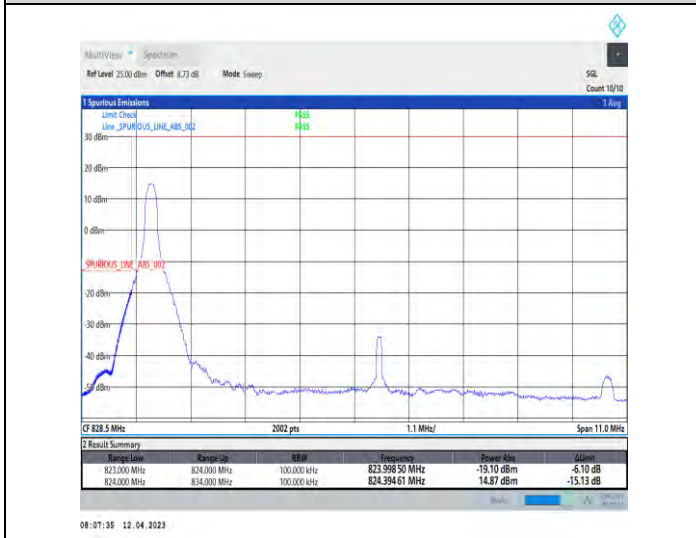
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1-DC_2A_n5A-PC3-15-5+10-M+L-1-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-DFT-PI2BPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+10-M+L-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-50@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+10-M+L-4-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-CP-QPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph

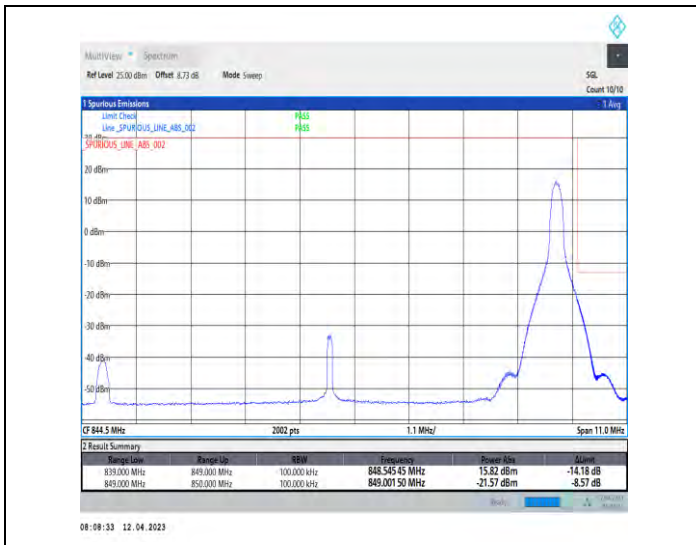


1-DC_2A_n5A-PC3-15-5+10-M+L-6-QPSK-Outer_Full-Outer_Full@N/A-CP-QPSK-Outer_Full-52@0-1-seegraph-PASS-see graph

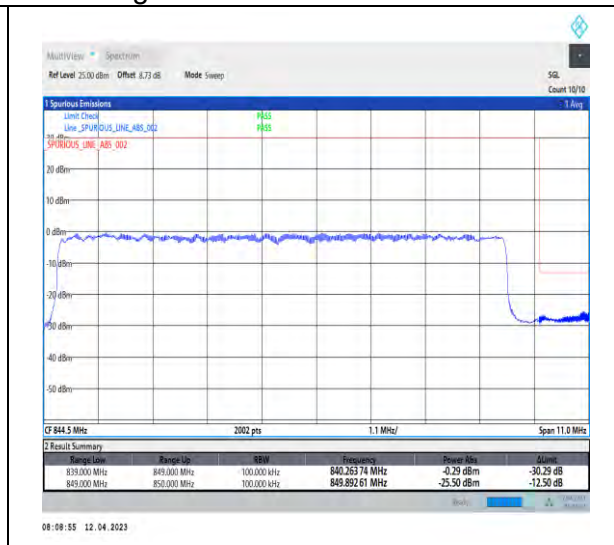


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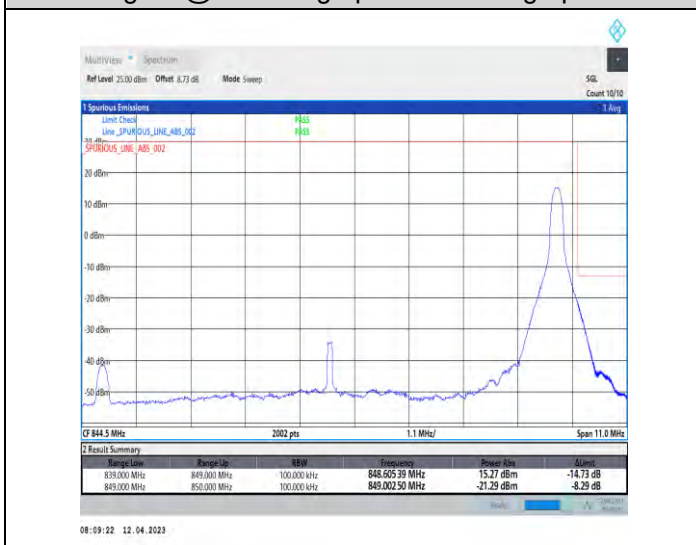
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1-DC_2A_n5A-PC3-15-5+10-M+H-2-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-DFT-PI2BPSK-Edge_1RB_Right-1@51-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+10-M+H-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-50@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+10-M+H-5-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-CP-QPSK-Edge_1RB_Right-1@51-1-seegraph-PASS-see graph

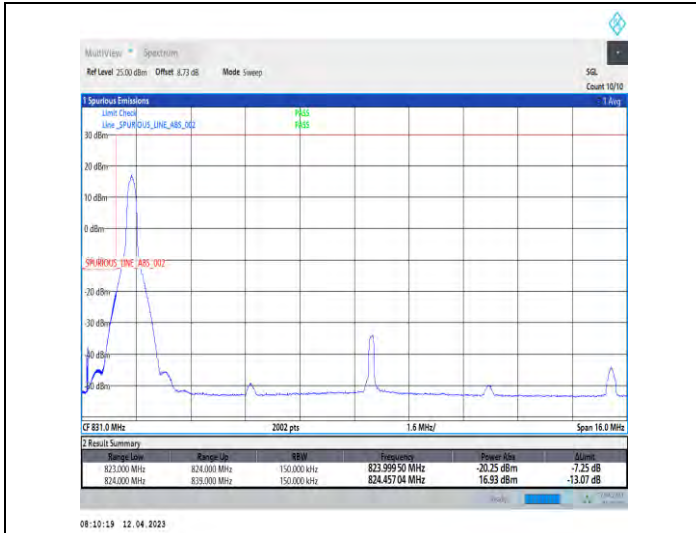


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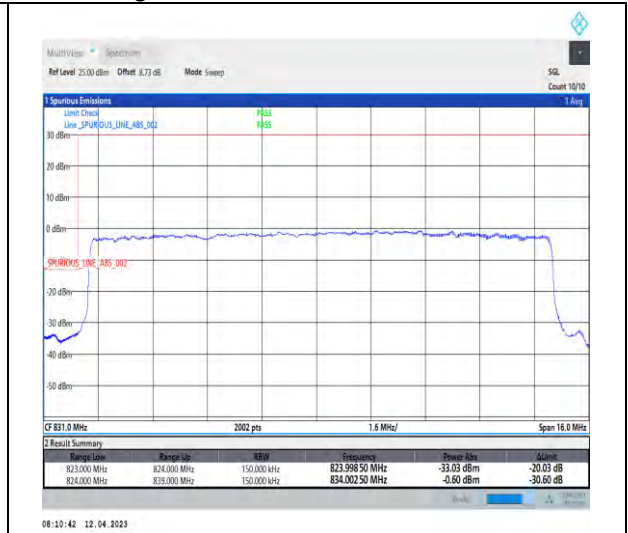


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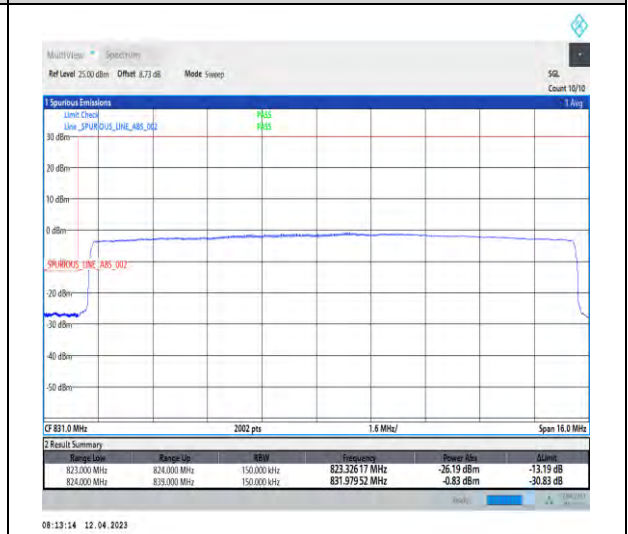
1-DC_2A_n5A-PC3-15-5+15-M+L-1-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-DFT-PI2BPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+15-M+L-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-75@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+15-M+L-4-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-CP-QPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph

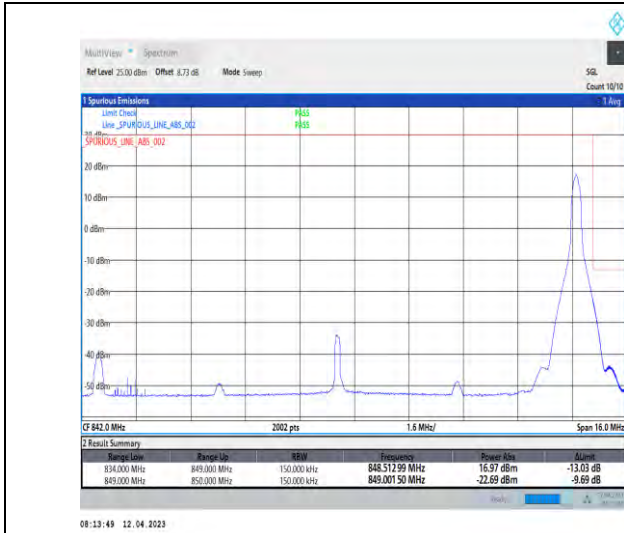


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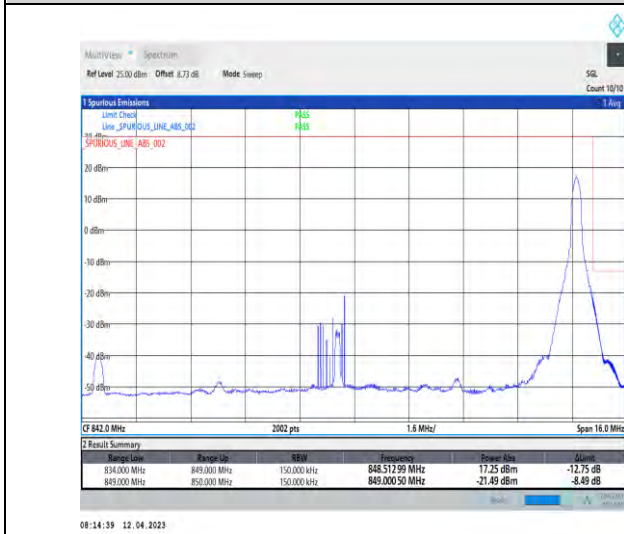
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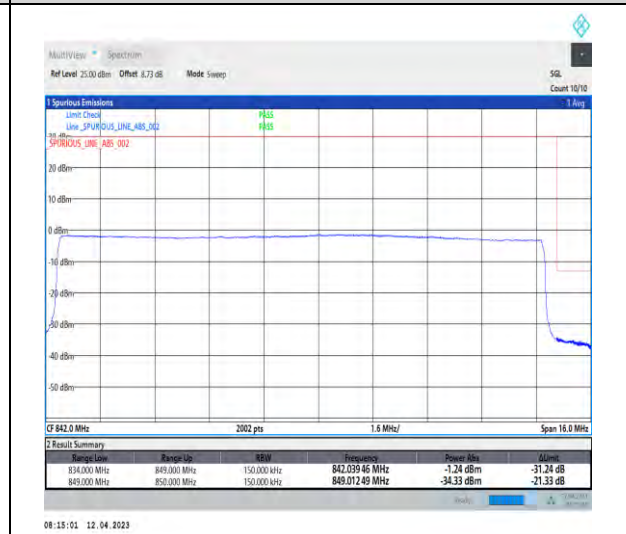
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1-DC_2A_n5A-PC3-15-5+15-M+H-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-75@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+15-M+H-5-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-CP-QPSK-Edge_1RB_Right-1@78-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+15-M+H-6-QPSK-Outer_Full-Outer_Full@N/A-CP-QPSK-Outer_Full-79@0-1-seegraph-PASS-see graph

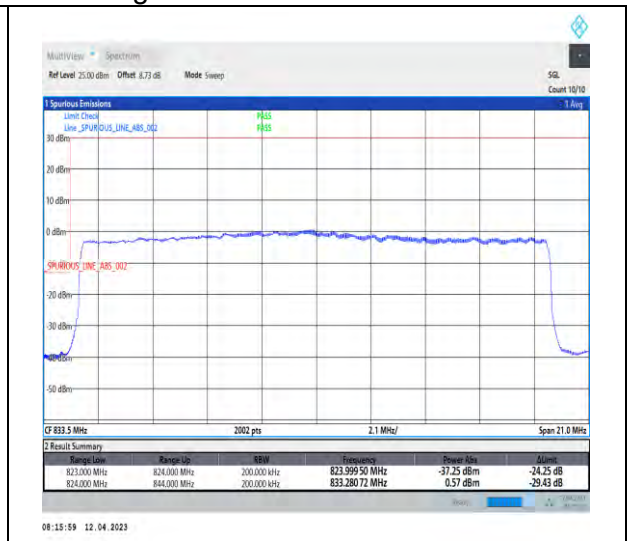


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1-DC_2A_n5A-PC3-15-5+20-M+L-1-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-DFT-PI2BPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+20-M+L-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-100@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+20-M+L-4-QPSK-Edge_1RB_Left-Edge_1_Left@N/A-CP-QPSK-Edge_1RB_Left-1@0-1-seegraph-PASS-see graph

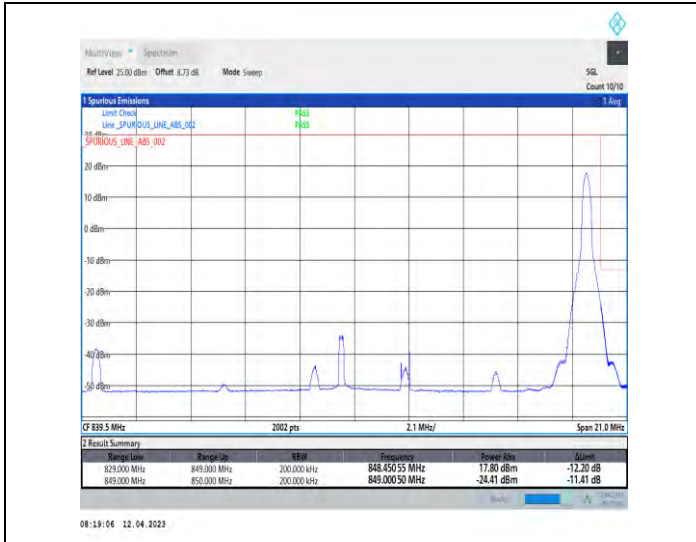


1-DC_2A_n5A-PC3-15-5+20-M+L-6-QPSK-Outer_Full-Outer_Full@N/A-CP-QPSK-Outer_Full-106@0-1-seegraph-PASS-see graph

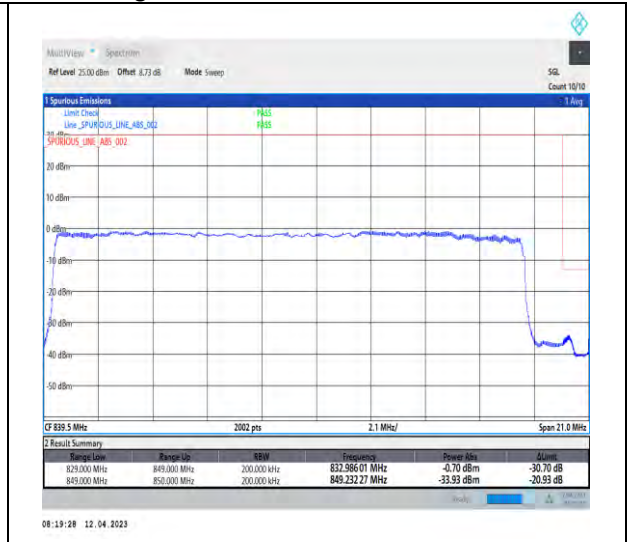


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1-DC_2A_n5A-PC3-15-5+20-M+H-2-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-DFT-PI2BPSK-Edge_1RB_Right-1@105-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+20-M+H-3-QPSK-Outer_Full-Outer_Full@N/A-DFT-PI2BPSK-Outer_Full-100@0-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+20-M+H-5-QPSK-Edge_1RB_Right-Edge_1_Right@N/A-CP-QPSK-Edge_1RB_Right-1@105-1-seegraph-PASS-see graph



1-DC_2A_n5A-PC3-15-5+20-M+H-6-QPSK-Outer_Full-Outer_Full@N/A-CP-QPSK-Outer_Full-106@0-1-seegraph-PASS-see graph

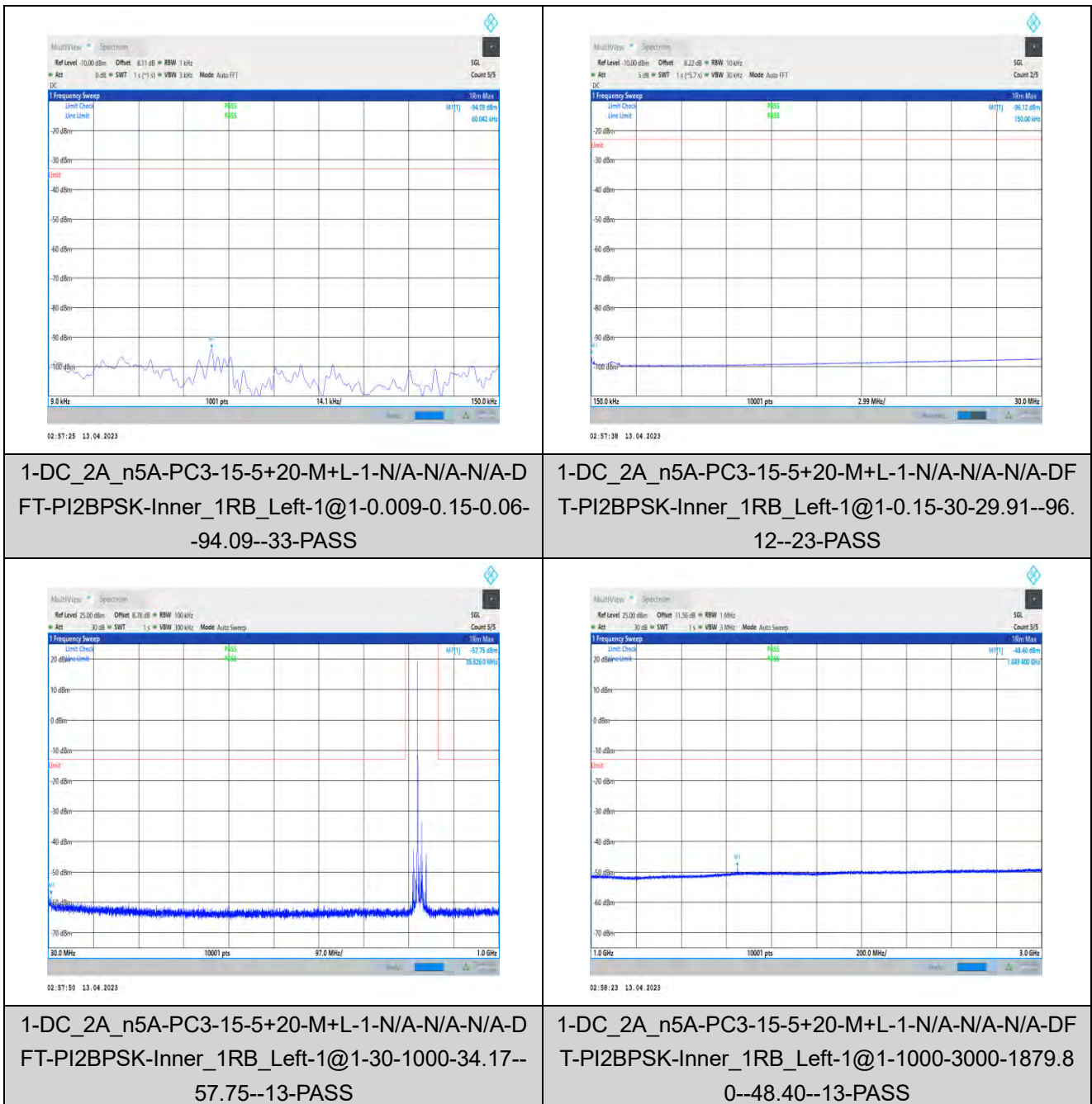


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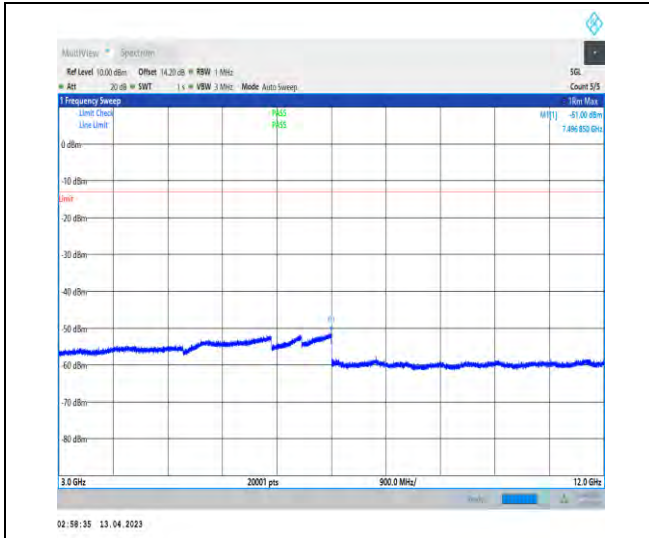
Conducted Spurious Emission for NSA

Test Graphs

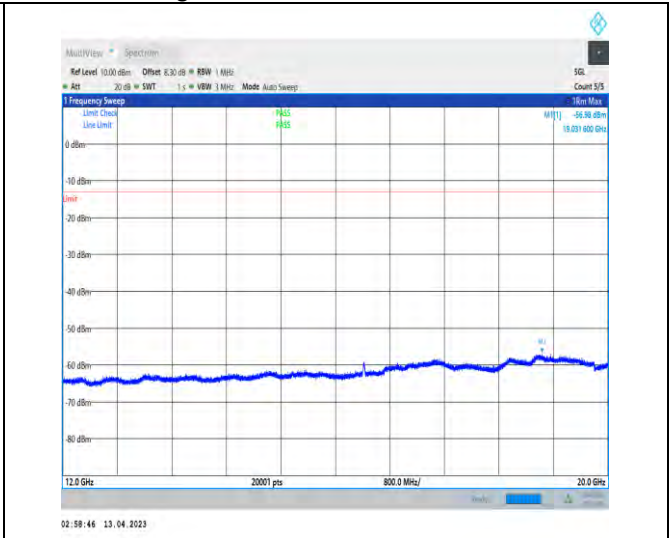


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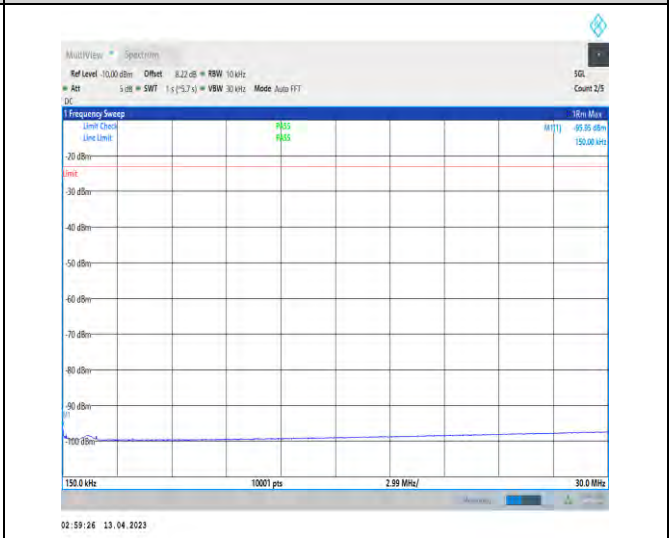
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FT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-746
4.90--51.00--13-PASS



1-DC_2A_n5A-PC3-15-5+20-M+L-1-N/A-N/A-N/A-DF
T-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-1893
7.20--56.98--13-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-0.06-
-93.59--33-PASS

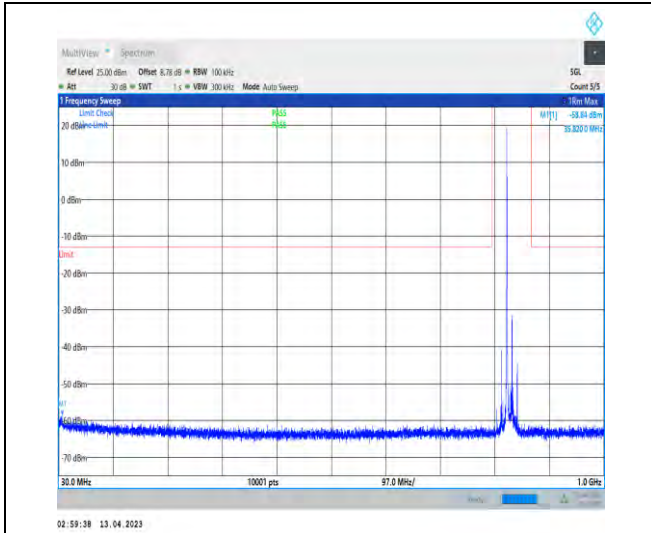


1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-0.15--95.
95--23-PASS

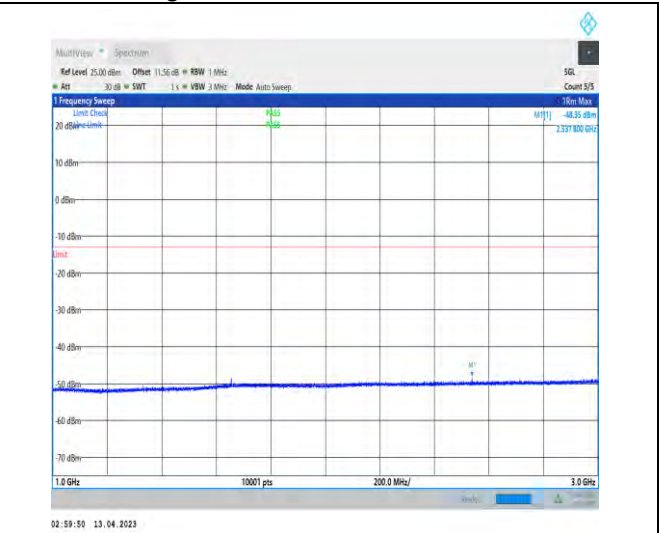


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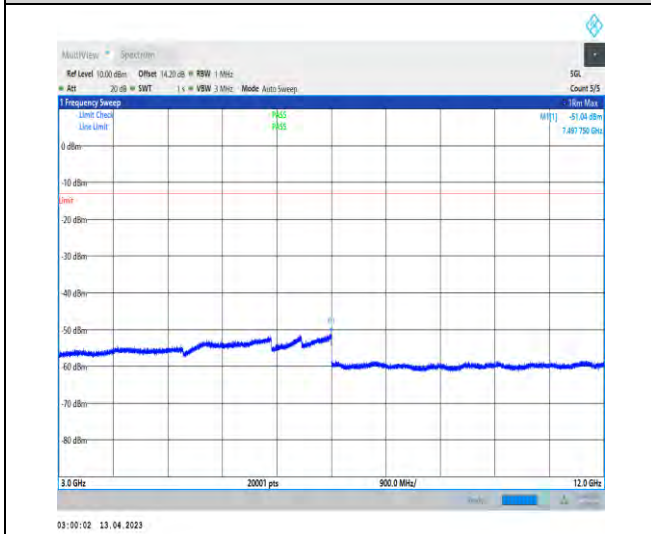
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1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-33.30--
58.84--13-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-1879.
80--48.35--13-PASS



1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-749
3.25--51.04--13-PASS

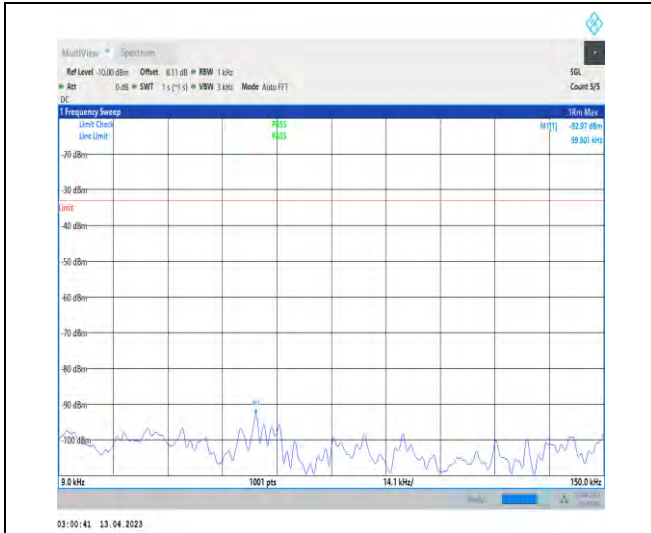


1-DC_2A_n5A-PC3-15-5+20-M+M-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-189
95.60--56.66--13-PASS

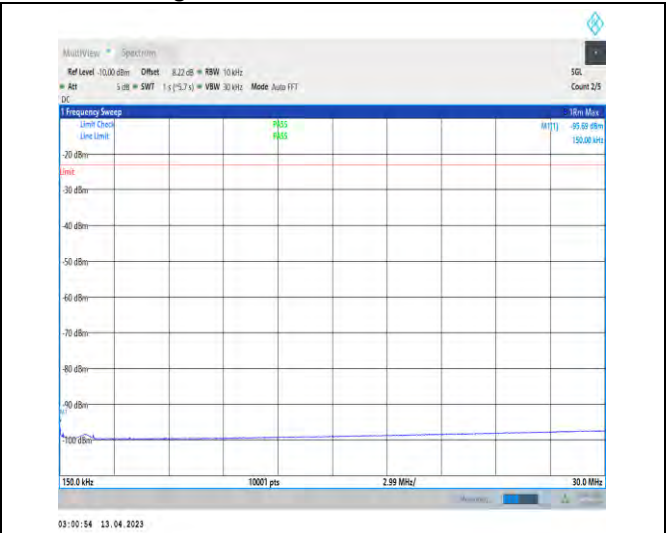


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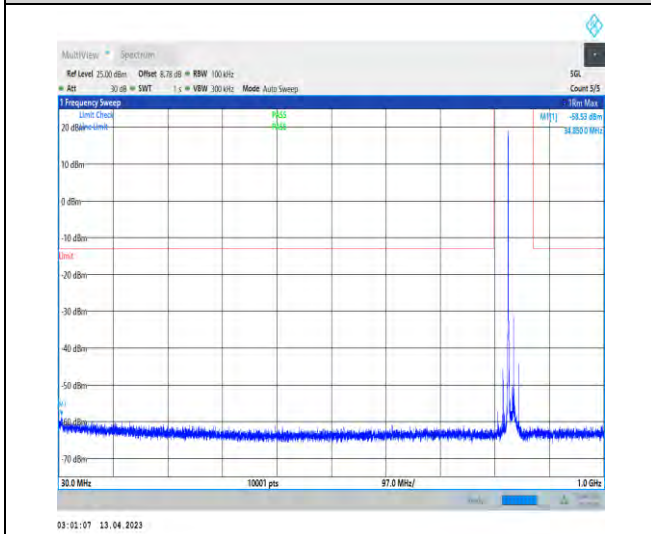
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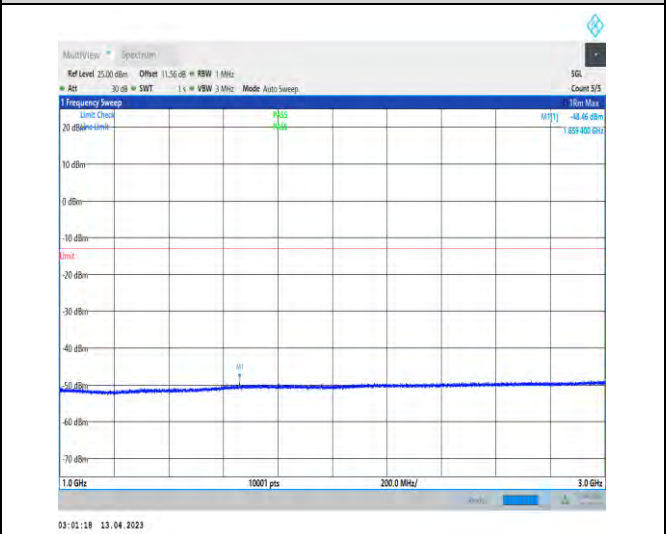
1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-0.06--
-92.97--33-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-DF
T-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-0.15--95.6
9--23-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-D
FT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-33.78--
58.53--13-PASS

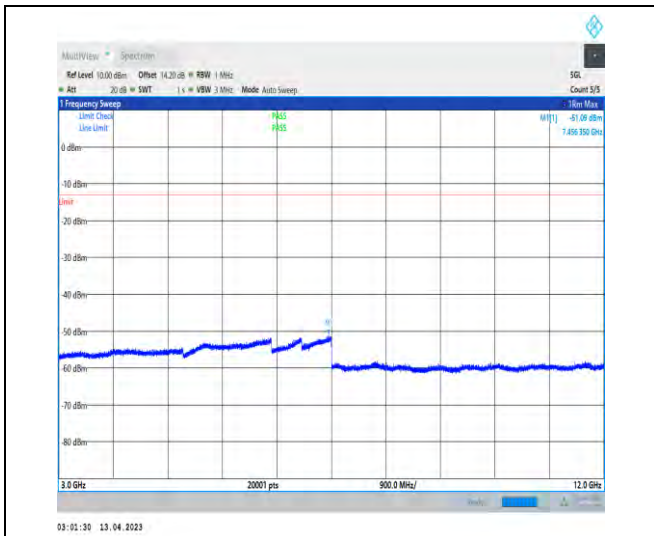


1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-DF
T-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-1877.8
0--48.46--13-PASS



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1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-D
 FT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-745
 6.35--51.09--13-PASS



1-DC_2A_n5A-PC3-15-5+20-M+H-1-N/A-N/A-N/A-DF
 T-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-1896
 3.20--56.95--13-PASS



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Field Strength of Spurious Radiation

Test Band = NSA_2A_n5A_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	44.76	-25.28	25.57	-50.21	-13.00	37.21	102	357	Horizontal
2	2475.27	46.02	-24.00	27.85	-45.39	-13.00	32.39	265	166	Horizontal
3	3300.36	41.67	-45.88	29.48	-69.99	-13.00	56.99	284	271	Horizontal
4	4125.45	40.55	-45.01	30.80	-68.91	-13.00	55.91	142	259	Horizontal
5	4950.54	40.88	-44.91	32.48	-66.81	-13.00	53.81	263	327	Horizontal
6	5775.63	38.68	-43.52	33.48	-66.62	-13.00	53.62	224	230	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	44.67	-25.28	25.57	-50.30	-13.00	37.30	102	26	Vertical
2	2475.27	46.44	-24.00	27.85	-44.97	-13.00	31.97	265	233	Vertical
3	3300.36	41.63	-45.88	29.48	-70.03	-13.00	57.03	284	149	Vertical
4	4125.45	40.33	-45.01	30.80	-69.13	-13.00	56.13	142	232	Vertical
5	4950.54	41.28	-44.91	32.48	-66.41	-13.00	53.41	263	358	Vertical
6	5775.63	38.55	-43.52	33.48	-66.75	-13.00	53.75	228	243	Vertical



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Test Band = NSA_2A_n5A_TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	44.60	-25.27	25.57	-50.36	-13.00	37.36	102	224	Horizontal
2	2482.77	46.29	-23.96	27.87	-45.06	-13.00	32.06	285	328	Horizontal
3	3310.36	42.10	-45.89	29.48	-69.57	-13.00	56.57	241	108	Horizontal
4	4137.95	40.80	-45.01	30.82	-68.65	-13.00	55.65	142	244	Horizontal
5	4965.54	40.53	-44.92	32.52	-67.13	-13.00	54.13	263	41	Horizontal
6	5793.13	39.60	-43.47	33.54	-65.59	-13.00	52.59	228	258	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	44.55	-25.27	25.57	-50.41	-13.00	37.41	102	209	Vertical
2	2482.77	46.26	-23.96	27.87	-45.09	-13.00	32.09	285	264	Vertical
3	3310.36	42.20	-45.89	29.48	-69.47	-13.00	56.47	241	309	Vertical
4	4137.95	40.61	-45.01	30.82	-68.84	-13.00	55.84	142	324	Vertical
5	4965.54	40.63	-44.92	32.52	-67.03	-13.00	54.03	263	80	Vertical
6	5793.13	39.60	-43.47	33.54	-65.59	-13.00	52.59	228	95	Vertical



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Test Band = NSA_2A_n5A_TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	44.61	-25.25	25.57	-50.33	-13.00	37.33	102	298	Horizontal
2	2490.27	46.42	-23.92	27.88	-44.88	-13.00	31.88	265	125	Horizontal
3	3320.36	42.25	-45.89	29.47	-69.43	-13.00	56.43	241	360	Horizontal
4	4150.45	41.14	-45.01	30.84	-68.29	-13.00	55.29	142	3	Horizontal
5	4980.54	40.35	-44.93	32.55	-67.28	-13.00	54.28	255	360	Horizontal
6	5810.63	39.66	-43.45	33.60	-65.46	-13.00	52.46	284	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	44.75	-25.25	25.57	-50.19	-13.00	37.19	102	350	Vertical
2	2490.27	46.41	-23.92	27.88	-44.89	-13.00	31.89	254	1	Vertical
3	3320.36	42.11	-45.89	29.47	-69.57	-13.00	56.57	142	4	Vertical
4	4150.45	40.71	-45.01	30.84	-68.72	-13.00	55.72	263	14	Vertical
5	4980.54	40.71	-44.93	32.55	-66.92	-13.00	53.92	255	14	Vertical
6	5810.63	39.82	-43.45	33.60	-65.30	-13.00	52.30	287	360	Vertical



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Test Band = NSA_7A_n5A_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	35.99	-25.28	25.57	-58.98	-13.00	45.98	102	78	Horizontal
2	2475.27	36.85	-24.00	27.85	-54.56	-13.00	41.56	285	233	Horizontal
3	3300.36	41.72	-45.88	29.48	-69.94	-13.00	56.94	241	231	Horizontal
4	4125.45	41.09	-45.01	30.80	-68.37	-13.00	55.37	142	338	Horizontal
5	4950.54	40.74	-44.91	32.48	-66.95	-13.00	53.95	263	122	Horizontal
6	5775.63	38.75	-43.52	33.48	-66.55	-13.00	53.55	224	3	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	35.61	-25.28	25.57	-59.36	-13.00	46.36	102	58	Vertical
2	2475.27	36.81	-24.00	27.85	-54.60	-13.00	41.60	285	243	Vertical
3	3300.36	41.94	-45.88	29.48	-69.72	-13.00	56.72	241	348	Vertical
4	4125.45	40.69	-45.01	30.80	-68.77	-13.00	55.77	142	108	Vertical
5	4950.54	40.82	-44.91	32.48	-66.87	-13.00	53.87	263	313	Vertical
6	5775.63	39.11	-43.52	33.48	-66.19	-13.00	53.19	224	360	Vertical



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Test Band = NSA_7A_n5A_TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.47	-25.27	25.57	-59.49	-13.00	46.49	102	51	Horizontal
2	2482.77	36.94	-23.96	27.87	-54.41	-13.00	41.41	285	41	Horizontal
3	3310.36	42.44	-45.89	29.48	-69.23	-13.00	56.23	241	186	Horizontal
4	4137.95	40.42	-45.01	30.82	-69.03	-13.00	56.03	142	119	Horizontal
5	4965.54	40.81	-44.92	32.52	-66.85	-13.00	53.85	263	359	Horizontal
6	5793.13	39.55	-43.47	33.54	-65.64	-13.00	52.64	221	3	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.55	-25.27	25.57	-59.41	-13.00	46.41	202	136	Vertical
2	2482.77	37.20	-23.96	27.87	-54.15	-13.00	41.15	254	357	Vertical
3	3310.36	42.31	-45.89	29.48	-69.36	-13.00	56.36	142	359	Vertical
4	4137.95	41.06	-45.01	30.82	-68.39	-13.00	55.39	296	296	Vertical
5	4965.54	40.63	-44.92	32.52	-67.03	-13.00	54.03	263	3	Vertical
6	5793.13	39.38	-43.47	33.54	-65.81	-13.00	52.81	287	27	Vertical



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Test Band = NSA_7A_n5A_TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	35.89	-25.25	25.57	-59.05	-13.00	46.05	266	63	Horizontal
2	2490.27	37.12	-23.92	27.88	-54.18	-13.00	41.18	285	0	Horizontal
3	3320.36	42.19	-45.89	29.47	-69.49	-13.00	56.49	241	133	Horizontal
4	4150.45	41.10	-45.01	30.84	-68.33	-13.00	55.33	142	78	Horizontal
5	4980.54	40.18	-44.93	32.55	-67.45	-13.00	54.45	263	174	Horizontal
6	5810.63	39.42	-43.45	33.60	-65.70	-13.00	52.70	221	335	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	35.81	-25.25	25.57	-59.13	-13.00	46.13	102	17	Vertical
2	2490.27	37.11	-23.92	27.88	-54.19	-13.00	41.19	285	198	Vertical
3	3320.36	41.98	-45.89	29.47	-69.70	-13.00	56.70	241	215	Vertical
4	4150.45	41.03	-45.01	30.84	-68.40	-13.00	55.40	142	348	Vertical
5	4980.54	40.60	-44.93	32.55	-67.03	-13.00	54.03	263	310	Vertical
6	5810.63	40.27	-43.45	33.60	-64.85	-13.00	51.85	228	53	Vertical



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Test Band = NSA_66A_n5A_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	35.60	-25.28	25.57	-59.37	-13.00	46.37	102	241	Horizontal
2	2475.27	36.99	-24.00	27.85	-54.42	-13.00	41.42	285	0	Horizontal
3	3300.36	41.30	-45.88	29.48	-70.36	-13.00	57.36	241	258	Horizontal
4	4125.45	40.48	-45.01	30.80	-68.98	-13.00	55.98	142	109	Horizontal
5	4950.54	41.11	-44.91	32.48	-66.58	-13.00	53.58	263	56	Horizontal
6	5775.63	38.63	-43.52	33.48	-66.67	-13.00	53.67	224	14	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	36.55	-25.28	25.57	-58.42	-13.00	45.42	102	0	Vertical
2	2475.27	37.07	-24.00	27.85	-54.34	-13.00	41.34	285	17	Vertical
3	3300.36	41.89	-45.88	29.48	-69.77	-13.00	56.77	241	360	Vertical
4	4125.45	40.77	-45.01	30.80	-68.69	-13.00	55.69	142	217	Vertical
5	4950.54	40.75	-44.91	32.48	-66.94	-13.00	53.94	255	325	Vertical
6	5775.63	39.03	-43.52	33.48	-66.27	-13.00	53.27	263	4	Vertical



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Test Band = NSA_66A_n5A_TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.60	-25.27	25.57	-59.36	-13.00	46.36	102	14	Horizontal
2	2482.77	37.00	-23.96	27.87	-54.35	-13.00	41.35	285	76	Horizontal
3	3310.36	42.25	-45.89	29.48	-69.42	-13.00	56.42	241	358	Horizontal
4	4137.95	40.93	-45.01	30.82	-68.52	-13.00	55.52	142	148	Horizontal
5	4965.54	40.50	-44.92	32.52	-67.16	-13.00	54.16	263	348	Horizontal
6	5793.13	40.00	-43.47	33.54	-65.19	-13.00	52.19	228	203	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	36.53	-25.27	25.57	-58.43	-13.00	45.43	302	357	Vertical
2	2482.77	37.03	-23.96	27.87	-54.32	-13.00	41.32	254	308	Vertical
3	3310.36	42.27	-45.89	29.48	-69.40	-13.00	56.40	142	283	Vertical
4	4137.95	41.39	-45.01	30.82	-68.06	-13.00	55.06	296	4	Vertical
5	4965.54	41.11	-44.92	32.52	-66.55	-13.00	53.55	268	81	Vertical
6	5793.13	39.67	-43.47	33.54	-65.52	-13.00	52.52	255	162	Vertical



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Test Band = NSA_66A_n5A_TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	35.60	-25.25	25.57	-59.34	-13.00	46.34	102	148	Horizontal
2	2490.27	37.15	-23.92	27.88	-54.15	-13.00	41.15	285	50	Horizontal
3	3320.36	42.30	-45.89	29.47	-69.38	-13.00	56.38	241	3	Horizontal
4	4150.45	41.18	-45.01	30.84	-68.25	-13.00	55.25	142	145	Horizontal
5	4980.54	40.31	-44.93	32.55	-67.32	-13.00	54.32	263	212	Horizontal
6	5810.63	39.78	-43.45	33.60	-65.34	-13.00	52.34	256	157	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	36.75	-25.25	25.57	-58.19	-13.00	45.19	102	0	Vertical
2	2490.27	37.35	-23.92	27.88	-53.95	-13.00	40.95	282	2	Vertical
3	3320.36	42.23	-45.89	29.47	-69.45	-13.00	56.45	241	120	Vertical
4	4150.45	41.22	-45.01	30.84	-68.21	-13.00	55.21	142	135	Vertical
5	4980.54	40.27	-44.93	32.55	-67.36	-13.00	54.36	263	23	Vertical
6	5810.63	40.43	-43.45	33.60	-64.69	-13.00	51.69	228	12	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 NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	VH	NT	1.000000	0.001195	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	VL	NT	4.400000	0.005260	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	VN	NT	2.000000	0.002391	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	VH	NT	-0.200000	-0.000239	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	VL	NT	2.900000	0.003467	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	VN	NT	-2.900000	-0.003467	PASS



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Frequency Error VS. Temperature

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	-30	4.200000	0.005021	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	-20	3.300000	0.003945	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	-10	-0.100000	-0.000120	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	0	4.000000	0.004782	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	10	0.000000	0.000000	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	20	5.100000	0.006097	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	30	1.700000	0.002032	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	40	4.700000	0.005619	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	NV	50	0.700000	0.000837	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	-30	0.600000	0.000717	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	-20	3.000000	0.003586	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	-10	1.100000	0.001315	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	0	-1.900000	-0.002271	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	10	0.800000	0.000956	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	20	4.100000	0.004901	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	30	-5.100000	-0.006097	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	40	-3.700000	-0.004423	PASS
DC_2A_n5A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	50	5.100000	0.006097	PASS

---End of Attachment---



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