



# Appendix B.9

## NR Band n2



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

**ZEWM2306000857RG02**

**Test Result**

ANT3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.53	27.03	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.75	27.25	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.38	26.88	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.78	27.28	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.82	27.32	33.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	22.75	26.25	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.62	26.12	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.72	26.22	33.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	21.60	25.10	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	20.89	24.39	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.09	24.59	33.00	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.09	24.59	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.10	22.60	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	18.95	22.45	33.00	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.15	22.65	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.61	27.11	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.69	27.19	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.54	27.04	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.64	27.14	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.71	27.21	33.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	22.72	26.22	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.44	25.94	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.74	26.24	33.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	21.71	25.21	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.01	24.51	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	20.89	24.39	33.00	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.14	24.64	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	18.98	22.48	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	18.99	22.49	33.00	PASS



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N2	15	5	DFT-256QAM	M	Outer_Full	19.08	22.58	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.67	27.17	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.76	27.26	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.61	27.11	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	23.76	27.26	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	23.79	27.29	33.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	22.70	26.20	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	22.58	26.08	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	22.76	26.26	33.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	21.77	25.27	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	20.85	24.35	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	20.89	24.39	33.00	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.20	24.70	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	18.96	22.46	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	18.94	22.44	33.00	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	18.99	22.49	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.84	27.34	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	23.40	26.90	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	23.58	27.08	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	23.80	27.30	33.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	22.76	26.26	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.63	26.13	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.73	26.23	33.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	21.61	25.11	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	21.00	24.50	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	20.97	24.47	33.00	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.29	24.79	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.04	22.54	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	18.89	22.39	33.00	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.13	22.63	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.70	27.20	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.62	27.12	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.43	26.93	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.76	27.26	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	23.68	27.18	33.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	22.87	26.37	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.54	26.04	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.75	26.25	33.00	PASS



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N2	15	10	DFT-16QAM	M	Outer_Full	21.58	25.08	33.00	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	20.94	24.44	33.00	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.11	24.61	33.00	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	21.29	24.79	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.01	22.51	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	18.93	22.43	33.00	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.11	22.61	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.62	27.12	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.73	27.23	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.48	26.98	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	23.78	27.28	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	23.75	27.25	33.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	22.76	26.26	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.64	26.14	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	22.56	26.06	33.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	21.74	25.24	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	20.97	24.47	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	20.97	24.47	33.00	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.20	24.70	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	19.12	22.62	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	18.82	22.32	33.00	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	19.22	22.72	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.68	27.18	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	27.21	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.53	27.03	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	23.61	27.11	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.64	27.14	33.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	22.65	26.15	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.58	26.08	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.76	26.26	33.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	21.76	25.26	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	20.93	24.43	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.11	24.61	33.00	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	21.19	24.69	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.04	22.54	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	18.78	22.28	33.00	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	18.99	22.49	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	27.23	33.00	PASS



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N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.81	27.31	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.48	26.98	33.00	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.59	27.09	33.00	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.71	27.21	33.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	22.75	26.25	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.66	26.16	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.62	26.12	33.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	21.72	25.22	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	20.84	24.34	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	20.90	24.40	33.00	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	21.08	24.58	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.16	22.66	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	18.89	22.39	33.00	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	19.01	22.51	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.56	27.06	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.78	27.28	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	23.60	27.10	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.56	27.06	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.82	27.32	33.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	22.73	26.23	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.44	25.94	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	22.53	26.03	33.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	21.54	25.04	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	20.94	24.44	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	20.99	24.49	33.00	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	21.28	24.78	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.04	22.54	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	18.92	22.42	33.00	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	19.13	22.63	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.73	27.23	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.73	27.23	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	23.44	26.94	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.65	27.15	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.82	27.32	33.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	22.69	26.19	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.45	25.95	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.70	26.20	33.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	21.56	25.06	33.00	PASS



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N2	15	20	DFT-64QAM	L	Inner_1RB_Left	20.91	24.41	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	20.99	24.49	33.00	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	21.27	24.77	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	18.96	22.46	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	18.95	22.45	33.00	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	19.04	22.54	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.72	27.22	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.82	27.32	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	23.61	27.11	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.67	27.17	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.64	27.14	33.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	22.67	26.17	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	22.47	25.97	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22.68	26.18	33.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	21.72	25.22	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	20.84	24.34	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	20.92	24.42	33.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	21.07	24.57	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	18.94	22.44	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	18.90	22.40	33.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	19.13	22.63	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.69	27.19	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.82	27.32	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	23.44	26.94	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.55	27.05	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.63	27.13	33.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	22.65	26.15	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.62	26.12	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.67	26.17	33.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	21.72	25.22	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	20.99	24.49	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	21.07	24.57	33.00	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	21.26	24.76	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.03	22.53	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	18.97	22.47	33.00	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	19.00	22.50	33.00	PASS



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**Effective (Isotropic) Radiated Power Output Data for MIMO for**  
**ZEWM2306000857RG02**

**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant3	Power Ant7	Total Power	EIRP	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	20.75	20.24	23.51	27.01	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	20.86	20.36	23.63	27.13	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	19.79	19.31	22.57	26.07	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	20.61	20.11	23.38	26.88	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	20.82	20.20	23.53	27.03	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	19.79	19.28	22.55	26.05	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	19.91	19.39	22.67	26.17	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	19.90	19.23	22.59	26.09	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	18.85	18.29	21.59	25.09	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	18.77	18.36	21.58	25.08	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	18.69	18.37	21.54	25.04	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	18.70	18.25	21.49	24.99	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	16.60	16.45	19.54	23.04	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	16.80	16.34	19.59	23.09	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	16.61	16.13	19.39	22.89	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	20.70	20.49	23.61	27.11	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	20.68	20.61	23.66	27.16	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	19.72	19.55	22.65	26.15	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	20.53	20.32	23.44	26.94	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	20.61	20.47	23.55	27.05	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	19.68	19.50	22.60	26.1	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	19.84	19.71	22.79	26.29	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	19.82	19.75	22.80	26.3	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	18.76	18.55	21.67	25.17	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	18.75	18.52	21.65	25.15	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	18.69	18.66	21.69	25.19	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	18.61	18.49	21.56	25.06	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	16.79	16.30	19.56	23.06	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	16.44	16.77	19.62	23.12	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	16.50	16.35	19.44	22.94	PASS



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N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	20.70	20.38	23.55	27.05	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	20.77	20.53	23.66	27.16	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	19.69	19.52	22.62	26.12	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	20.58	20.38	23.49	26.99	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	20.72	20.39	23.57	27.07	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	19.69	19.49	22.60	26.1	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	19.83	19.55	22.70	26.2	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	19.88	19.65	22.78	26.28	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	18.70	18.48	21.60	25.1	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	18.56	18.42	21.50	25	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	18.55	18.57	21.57	25.07	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	18.58	18.39	21.50	25	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	16.69	16.47	19.59	23.09	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	16.70	16.49	19.61	23.11	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	16.46	16.22	19.35	22.85	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	20.77	20.24	23.52	27.02	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	20.84	20.47	23.67	27.17	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	19.82	19.38	22.62	26.12	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	20.67	20.10	23.40	26.9	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	20.76	20.35	23.57	27.07	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	19.81	19.33	22.59	26.09	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	19.91	19.43	22.69	26.19	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	19.98	19.65	22.83	26.33	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	18.79	18.40	21.61	25.11	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	18.35	18.31	21.34	24.84	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	18.82	18.50	21.67	25.17	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	18.66	18.24	21.47	24.97	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	16.91	16.45	19.70	23.2	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	16.90	16.27	19.61	23.11	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	16.66	16.19	19.44	22.94	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	20.76	20.46	23.62	27.12	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	20.74	20.71	23.74	27.24	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	19.71	19.59	22.66	26.16	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	20.62	20.32	23.48	26.98	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	20.69	20.55	23.63	27.13	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	19.62	19.42	22.53	26.03	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	19.86	19.59	22.74	26.24	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	19.57	19.87	22.73	26.23	PASS



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N2	15	10	DFT-16QAM	M	Outer_Full	18.75	18.58	21.68	25.18	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	18.74	18.49	21.63	25.13	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	18.72	18.72	21.73	25.23	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	18.59	18.49	21.55	25.05	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	16.88	16.62	19.76	23.26	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	16.79	16.69	19.75	23.25	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	16.52	16.45	19.50	23	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	20.78	20.27	23.54	27.04	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	20.77	20.56	23.68	27.18	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	19.73	19.41	22.58	26.08	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	20.69	20.14	23.43	26.93	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	20.68	20.46	23.58	27.08	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	19.61	19.26	22.45	25.95	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	19.92	19.45	22.70	26.2	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	19.90	19.65	22.79	26.29	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	18.74	18.41	21.59	25.09	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	18.71	18.32	21.53	25.03	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	18.53	18.55	21.55	25.05	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	18.54	18.23	21.40	24.9	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	16.80	16.38	19.61	23.11	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	16.82	16.63	19.74	23.24	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	16.49	16.15	19.33	22.83	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	20.76	20.24	23.52	27.02	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	20.91	20.45	23.70	27.2	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	19.88	19.40	22.66	26.16	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	20.74	20.06	23.42	26.92	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	20.88	20.39	23.65	27.15	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	19.73	19.26	22.51	26.01	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	19.71	19.44	22.59	26.09	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	20.05	19.61	22.85	26.35	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	18.86	18.42	21.66	25.16	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	18.81	18.36	21.60	25.1	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	18.49	18.47	21.49	24.99	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	18.75	18.33	21.56	25.06	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	16.78	16.30	19.56	23.06	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	16.90	16.44	19.69	23.19	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	16.66	16.26	19.47	22.97	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	20.77	20.38	23.59	27.09	PASS



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N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	20.74	20.71	23.74	27.24	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	19.75	19.60	22.69	26.19	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	20.66	20.33	23.51	27.01	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	20.59	20.55	23.58	27.08	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	19.63	19.54	22.60	26.1	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	19.92	19.54	22.74	26.24	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	19.80	19.86	22.84	26.34	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	18.75	18.63	21.70	25.2	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	18.78	18.39	21.60	25.1	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	18.76	18.71	21.75	25.25	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	18.63	18.50	21.58	25.08	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	16.77	16.42	19.61	23.11	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	16.71	16.70	19.72	23.22	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	16.56	16.43	19.51	23.01	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	20.74	20.30	23.54	27.04	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	20.81	20.56	23.70	27.2	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	19.74	19.42	22.59	26.09	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	20.66	20.16	23.43	26.93	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	20.68	20.47	23.59	27.09	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	19.71	19.29	22.52	26.02	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	19.85	19.45	22.66	26.16	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	19.94	19.68	22.82	26.32	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	18.77	18.41	21.60	25.1	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	18.81	18.39	21.62	25.12	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	18.74	18.61	21.69	25.19	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	18.62	18.27	21.46	24.96	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	16.89	16.52	19.72	23.22	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	16.73	16.56	19.66	23.16	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	16.54	16.19	19.38	22.88	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	20.78	20.28	23.55	27.05	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	21.06	20.51	23.80	27.3	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	19.91	19.52	22.73	26.23	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	20.69	20.26	23.49	26.99	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	20.89	20.35	23.64	27.14	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	19.81	19.36	22.60	26.1	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	19.94	19.47	22.72	26.22	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	19.93	19.67	22.81	26.31	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	18.90	18.54	21.73	25.23	PASS



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N2	15	20	DFT-64QAM	L	Inner_1RB_Left	18.79	18.33	21.58	25.08	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	19.02	18.56	21.81	25.31	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	18.71	18.40	21.57	25.07	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	16.90	16.47	19.70	23.2	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	17.17	16.72	19.96	23.46	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	16.72	16.36	19.55	23.05	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	20.86	20.49	23.69	27.19	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	20.72	20.69	23.72	27.22	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	19.78	19.61	22.71	26.21	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	20.86	20.33	23.61	27.11	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	20.64	20.62	23.64	27.14	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	19.78	19.45	22.63	26.13	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	20.02	19.64	22.84	26.34	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	19.88	19.84	22.87	26.37	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	18.81	18.63	21.73	25.23	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	18.46	18.51	21.50	25	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	18.78	18.71	21.76	25.26	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	18.60	18.45	21.54	25.04	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	16.64	16.53	19.60	23.1	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	16.81	16.69	19.76	23.26	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	16.56	16.41	19.50	23	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	20.73	20.46	23.61	27.11	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	20.84	20.59	23.73	27.23	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	19.77	19.39	22.59	26.09	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	20.60	20.42	23.52	27.02	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	20.69	20.55	23.63	27.13	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	19.73	19.22	22.49	25.99	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	19.88	19.67	22.79	26.29	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	19.95	19.77	22.87	26.37	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	18.75	18.41	21.59	25.09	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	18.74	18.53	21.65	25.15	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	18.72	18.60	21.67	25.17	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	18.54	18.18	21.37	24.87	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	16.84	16.62	19.74	23.24	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	16.73	16.62	19.69	23.19	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	16.54	16.19	19.38	22.88	PASS



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

**ZEWM2306000856RG02**

**Test Result**

ANT3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.74	27.24	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.57	27.07	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.6	27.1	33	PASS



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**Effective (Isotropic) Radiated Power Output Data for MIMO for  
 ZEWM2306000856RG02**

**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant3	Power Ant7	Total	EIRP	Verdict
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	21.03	20.42	23.75	27.25	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	20.68	20.56	23.63	27.13	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	20.78	20.38	23.59	27.09	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	9.15	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	9.70	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	9.63	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	9.55	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	8.95	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	9.45	≤13	PASS

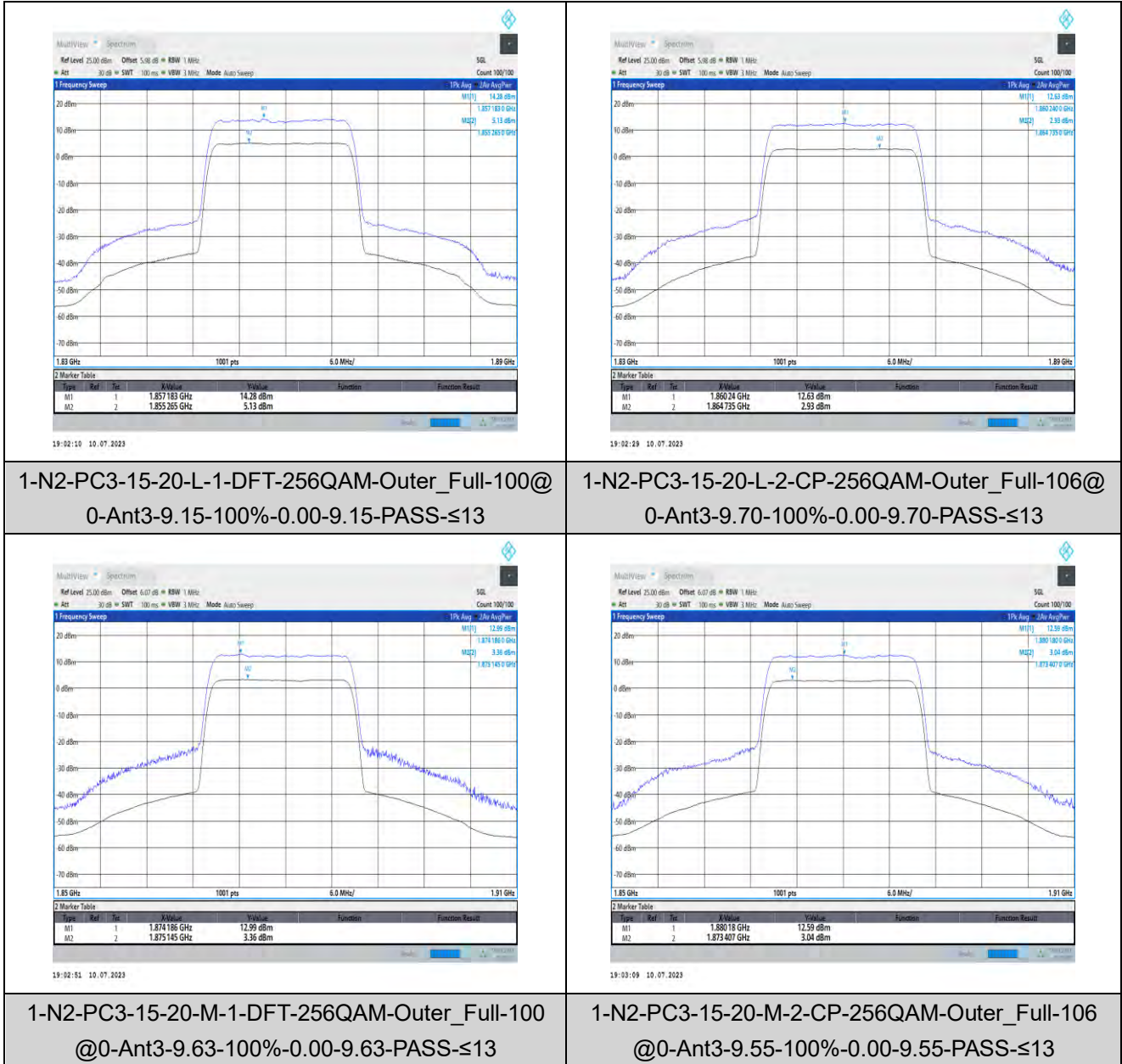


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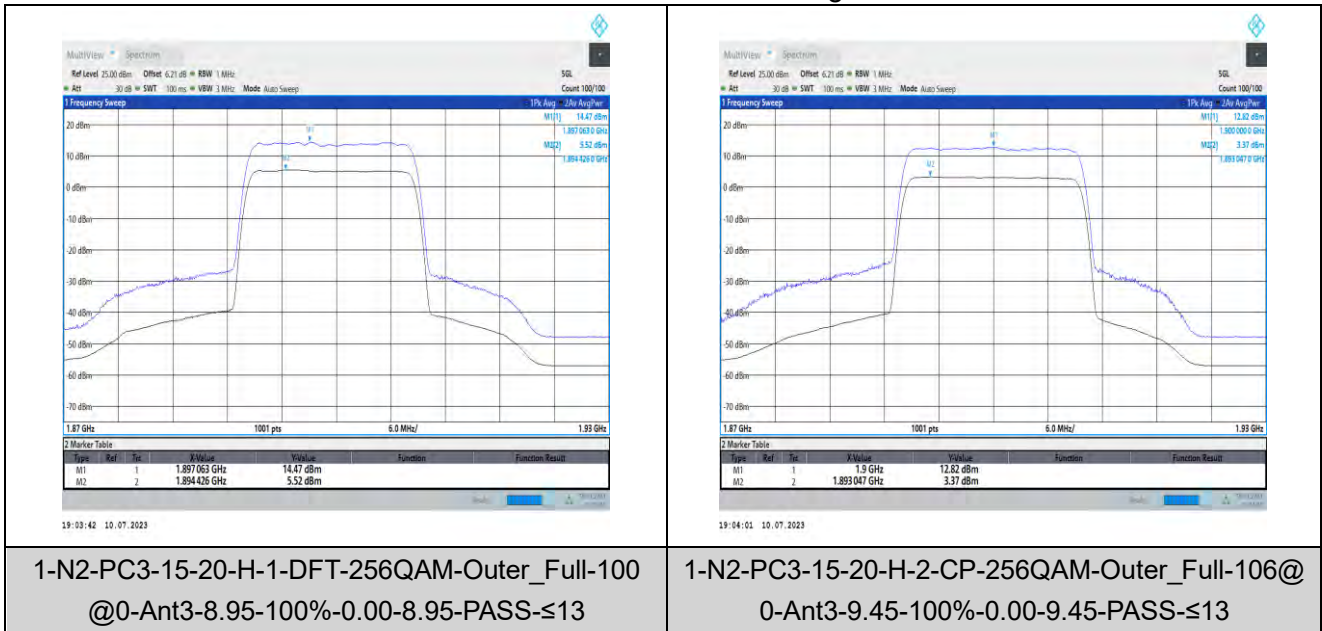
**Test Graphs**



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1-N2-PC3-15-20-H-1-DFT-256QAM-Outer\_Full-100  
@0-Ant3-8.95-100%-0.00-8.95-PASS-≤13

1-N2-PC3-15-20-H-2-CP-256QAM-Outer\_Full-106@  
0-Ant3-9.45-100%-0.00-9.45-PASS-≤13



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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
N2	15	5	DFT-QPSK	M	Outer_Full	4.475	4.810	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.482	4.820	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.458	4.810	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.459	4.780	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.470	4.790	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.470	4.840	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.463	4.830	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.471	4.830	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.475	4.830	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.907	9.440	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.921	9.420	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.934	9.400	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.912	9.320	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.910	9.360	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.291	9.780	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.301	9.840	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.303	9.800	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.274	9.740	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.444	14.100	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.424	14.100	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.420	14.070	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.439	14.100	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.417	14.040	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.136	14.850	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.141	14.820	PASS
N2	15	15	CP-64QAM	M	Outer_Full	14.069	14.790	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.095	14.790	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.878	18.560	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.906	18.680	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.880	18.560	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.895	18.600	PASS



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N2	15	20	DFT-256QAM	M	Outer_Full	17.873	18.600	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.926	19.760	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.908	19.760	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.895	19.760	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.969	19.680	PASS



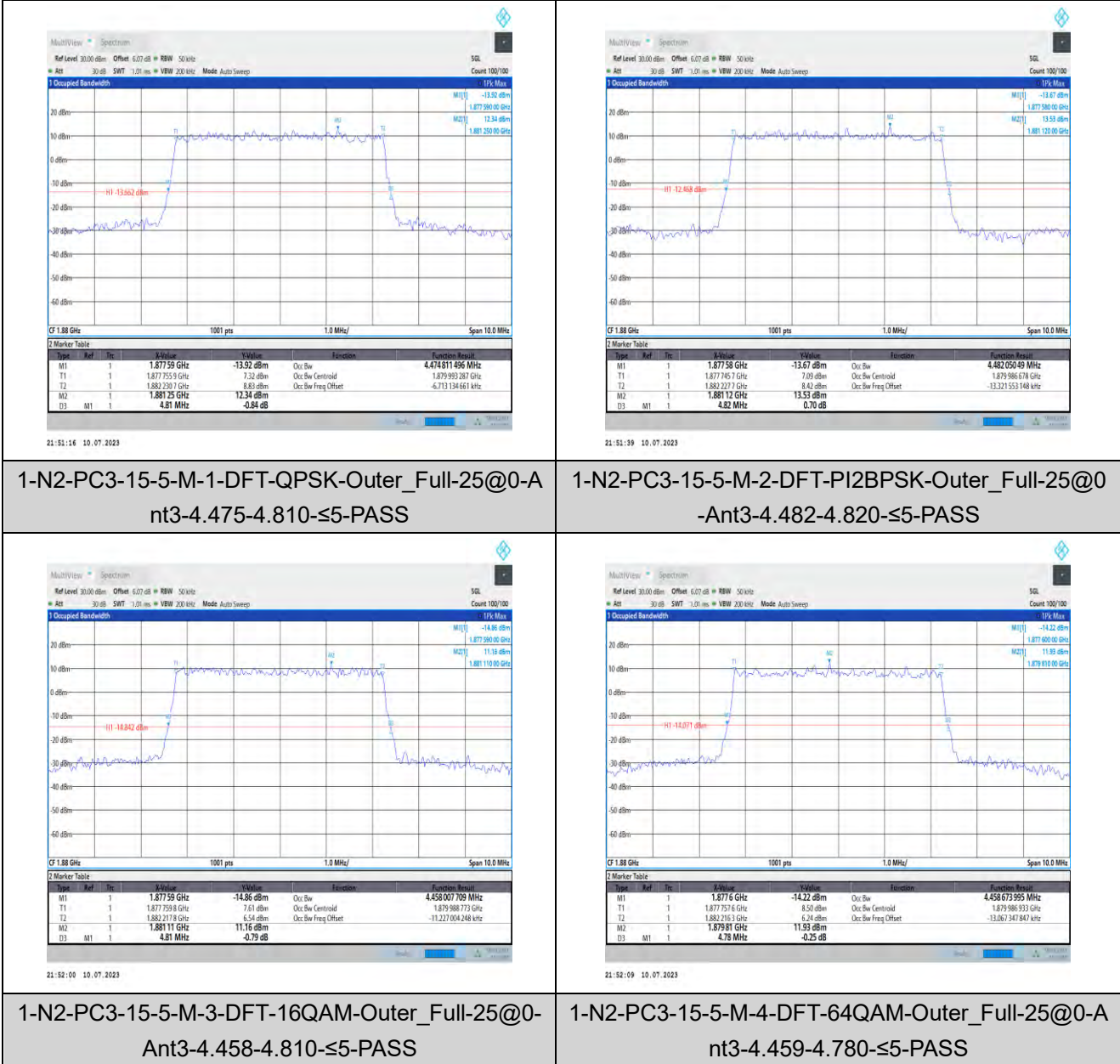
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**Test Graphs**



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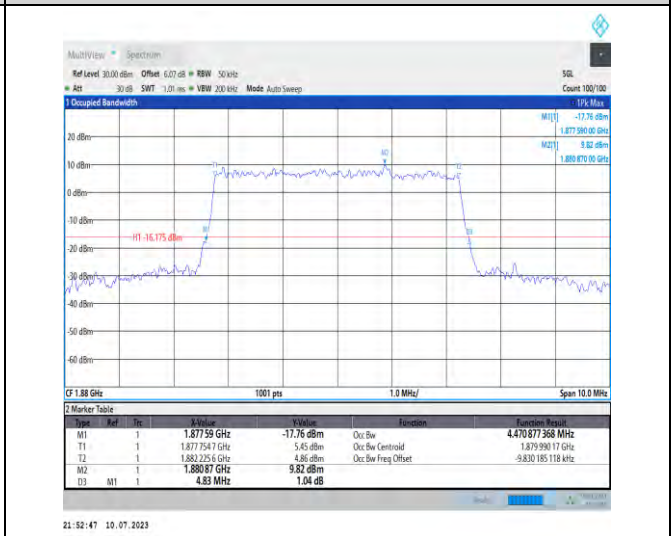
1-N2-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant3-4.47-4.790-<math>\leq 5</math>-PASS



1-N2-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant3-4.47-4.840-<math>\leq 5</math>-PASS



1-N2-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant3-4.463-4.830-<math>\leq 5</math>-PASS

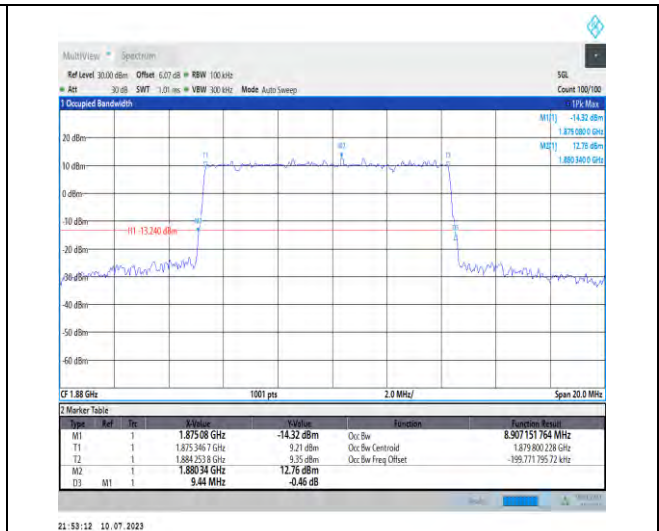


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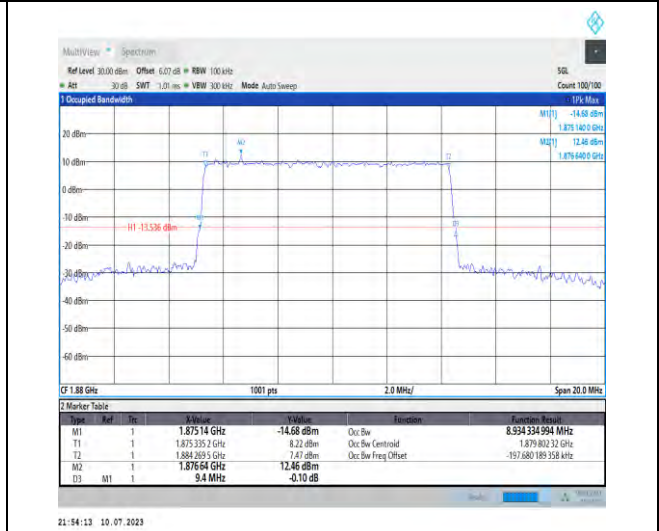
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1-N2-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-Ant3-4.475-4.830-≤5-PASS

1-N2-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant3-8.907-9.440-≤10-PASS



1-N2-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant3-8.921-9.420-≤10-PASS

1-N2-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant3-8.934-9.400-≤10-PASS



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1-N2-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant3-8.912-9.320-≤10-PASS



1-N2-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant3-8.91-9.360-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant3-9.291-9.780-≤10-PASS



1-N2-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant3-9.301-9.840-≤10-PASS



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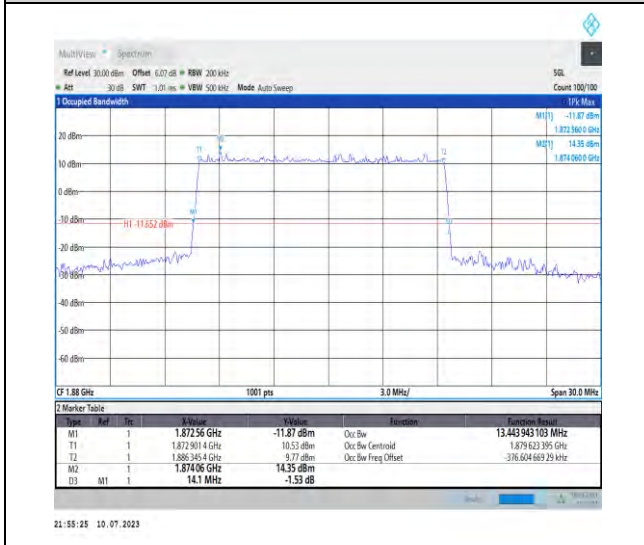
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1-N2-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0  
-Ant3-9.303-9.800-≤10-PASS



1-N2-PC3-15-10-M-9-CP-256QAM-Outer\_Full-52@0-  
Ant3-9.274-9.740-≤10-PASS



1-N2-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-  
Ant3-13.444-14.100-≤15-PASS



1-N2-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@  
0-Ant3-13.424-14.100-≤15-PASS

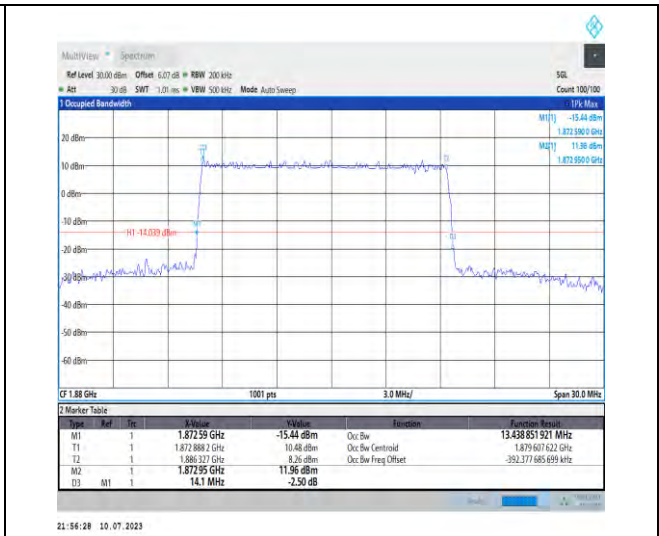


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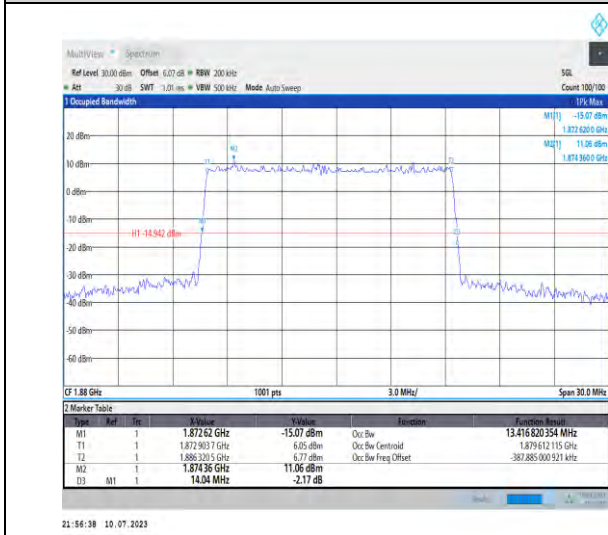
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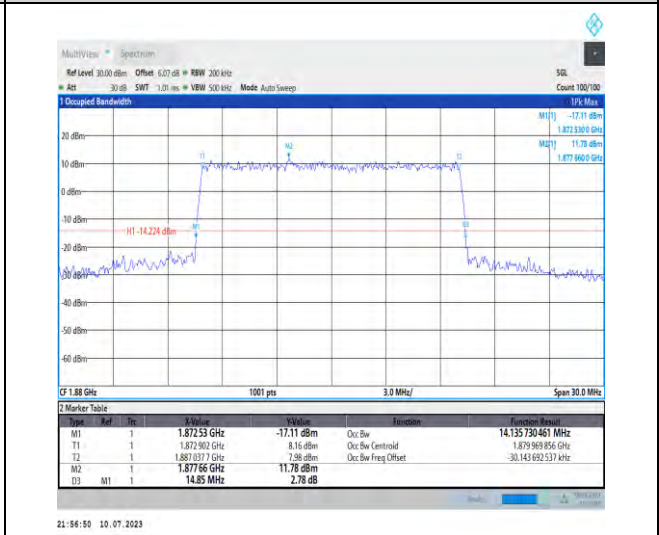
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1-N2-PC3-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant3-13.439-14.100-≤15-PASS



1-N2-PC3-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant3-13.417-14.040-≤15-PASS



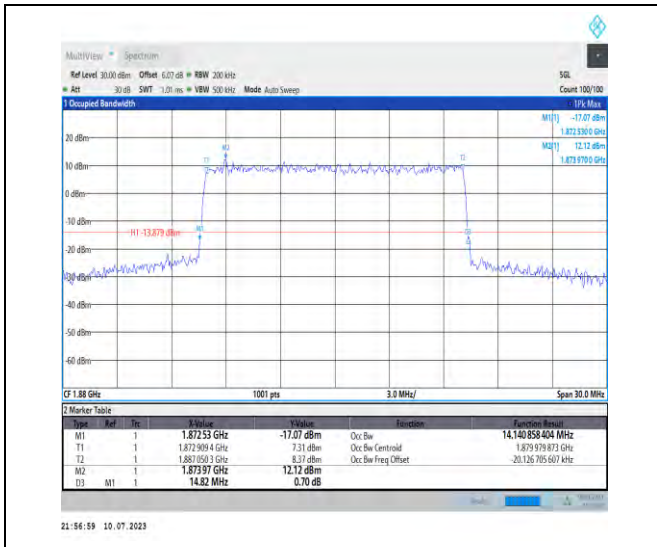
1-N2-PC3-15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant3-14.136-14.850-≤15-PASS



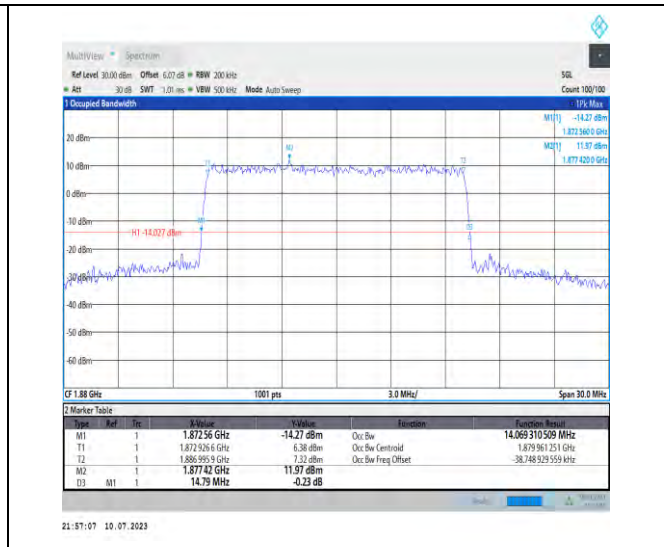
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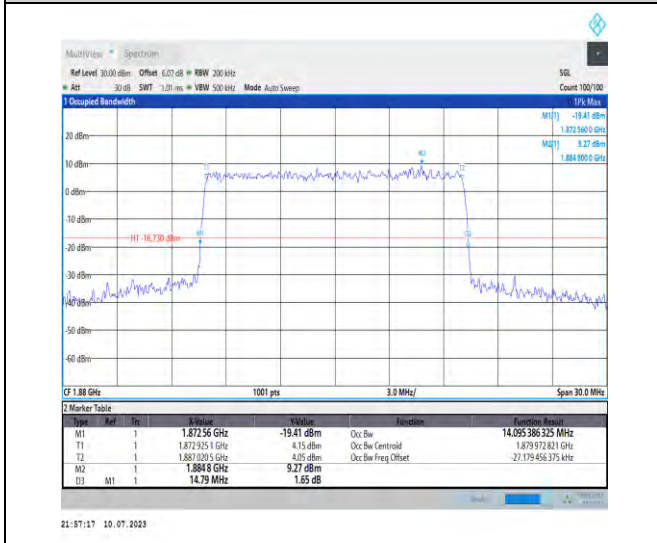




1-N2-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-  
Ant3-14.141-14.820-≤15-PASS



1-N2-PC3-15-15-M-8-CP-64QAM-Outer\_Full-79@0-  
Ant3-14.069-14.790-≤15-PASS



1-N2-PC3-15-15-M-9-CP-256QAM-Outer\_Full-79@0  
-Ant3-14.095-14.790-≤15-PASS

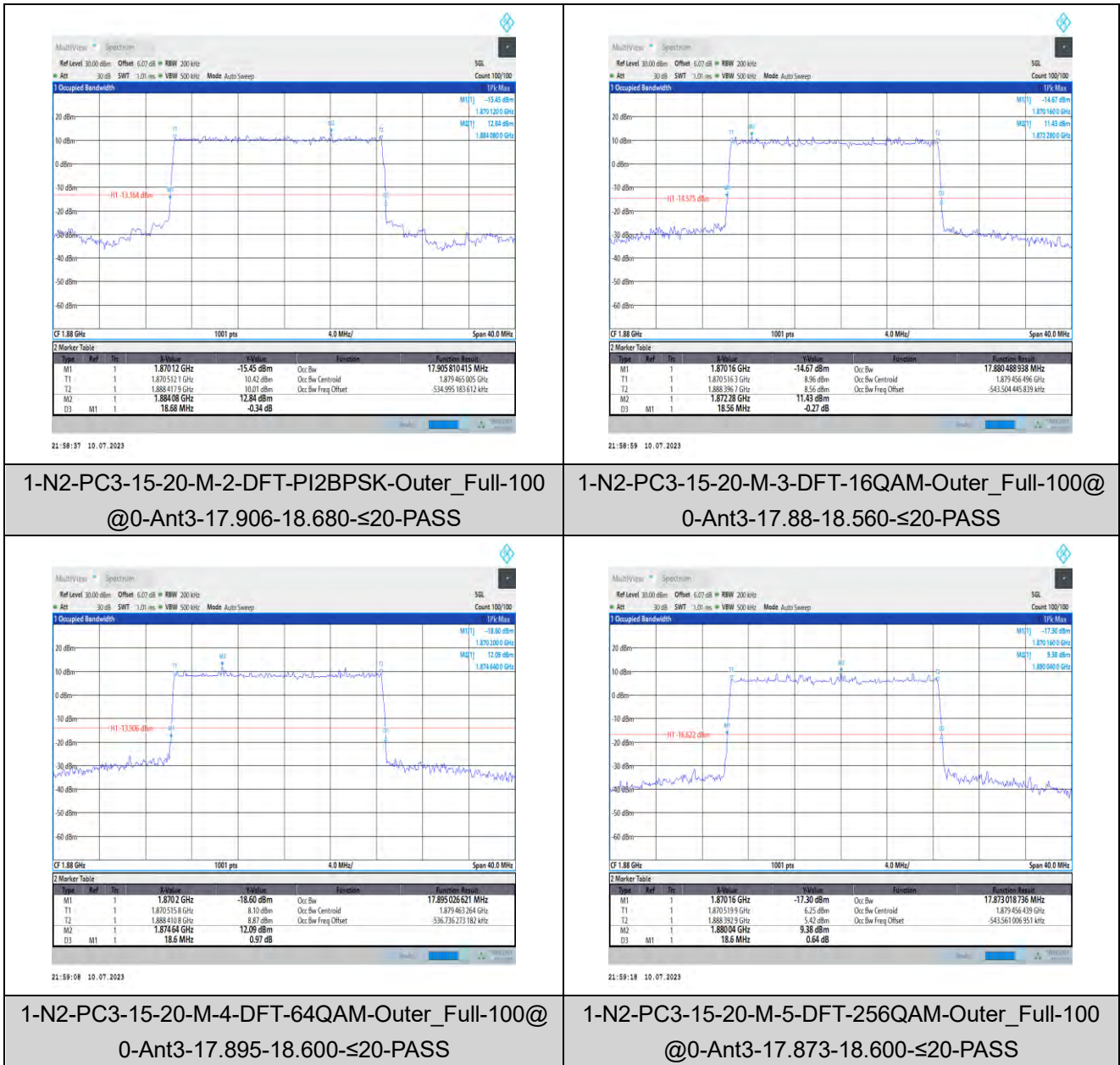


1-N2-PC3-15-20-M-1-DFT-QPSK-Outer\_Full-100@0  
-Ant3-17.878-18.560-≤20-PASS



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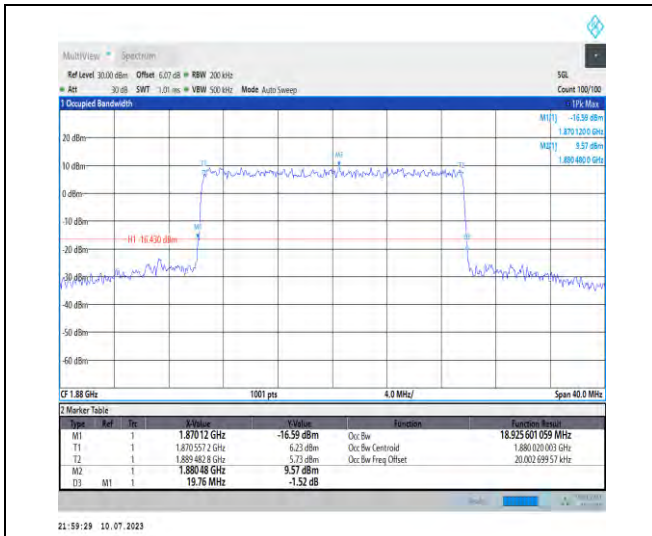
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1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant3-18.926-19.760-≤20-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant3-18.908-19.760-≤20-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant3-18.895-19.760-≤20-PASS



1-N2-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant3-18.969-19.680-≤20-PASS



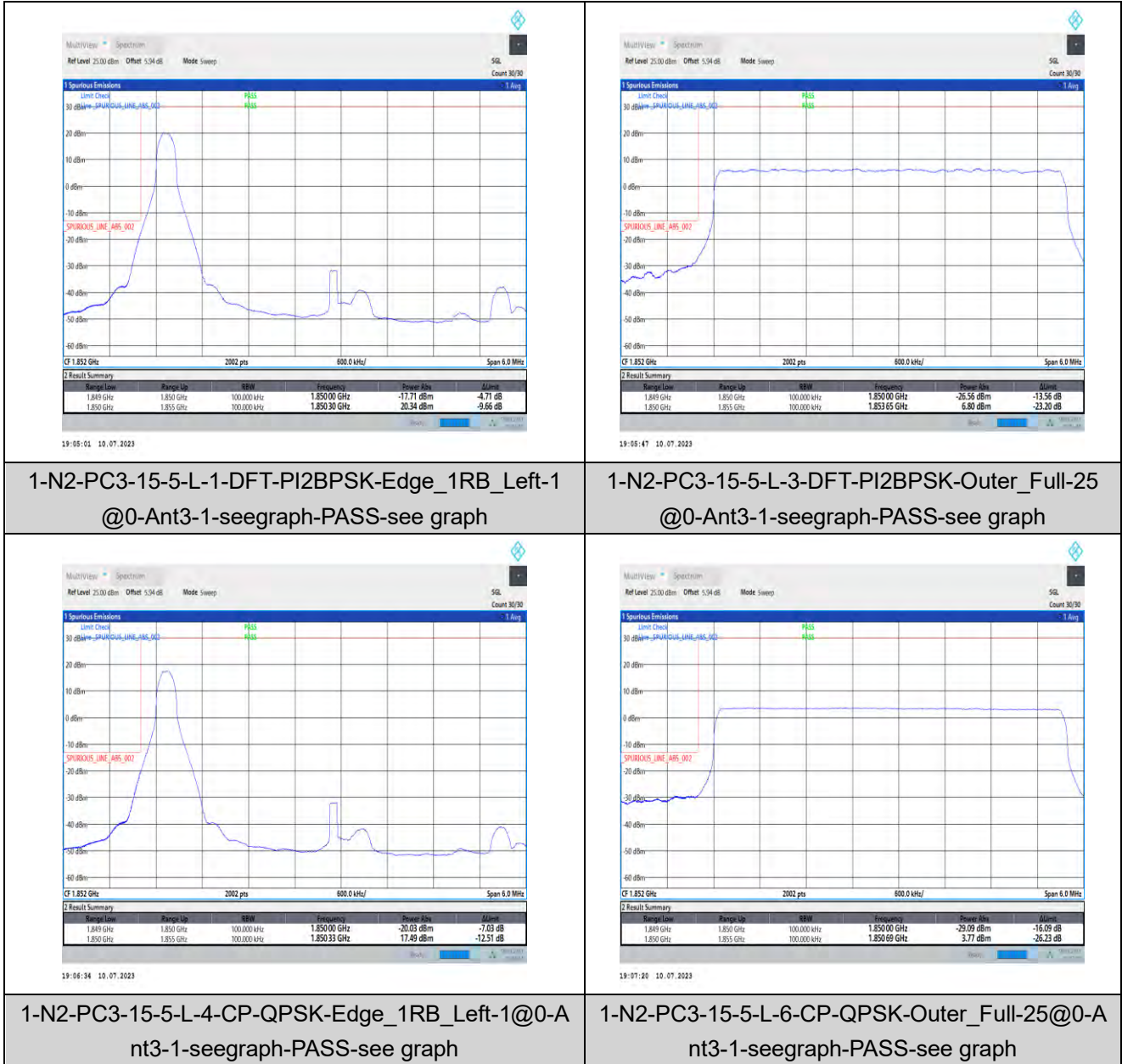
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### Band Edge for SA

### Test Graphs



1-N2-PC3-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant3-1-seegraph-PASS-see graph

1-N2-PC3-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant3-1-seegraph-PASS-see graph

1-N2-PC3-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph

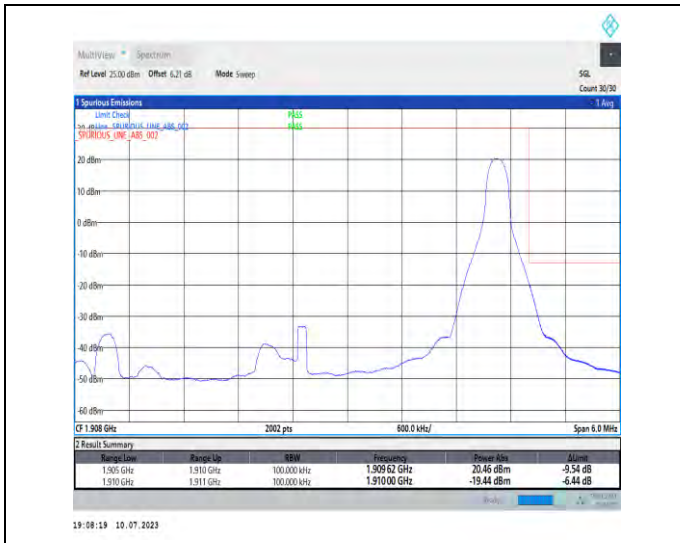
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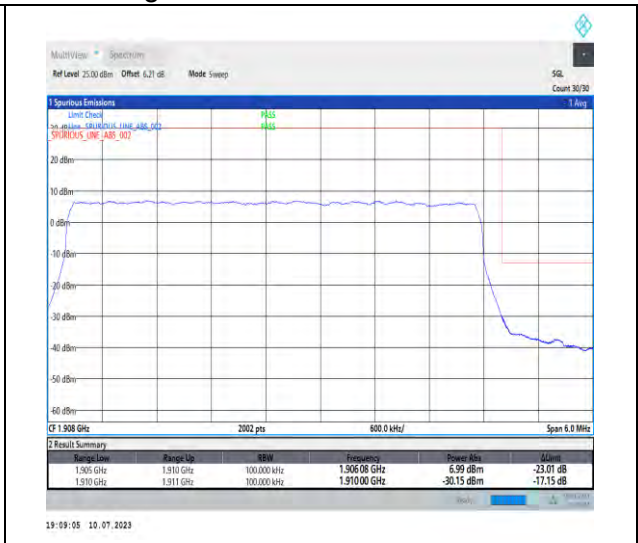
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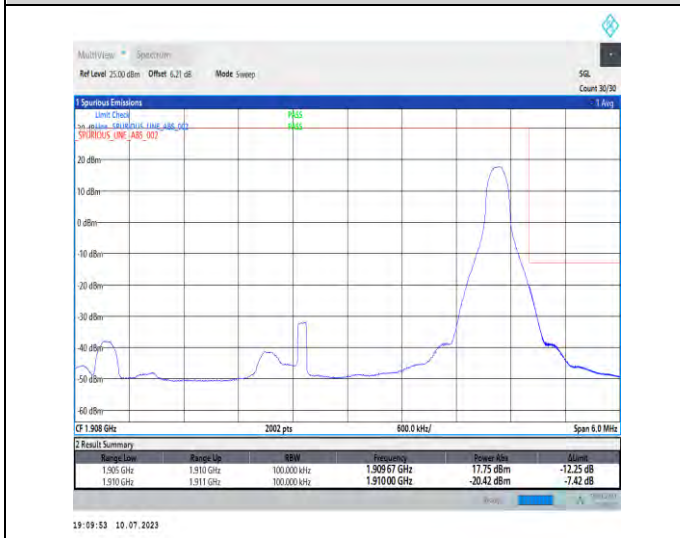
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1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1  
@24-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25  
@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24  
4-Ant3-1-seegraph-PASS-see graph



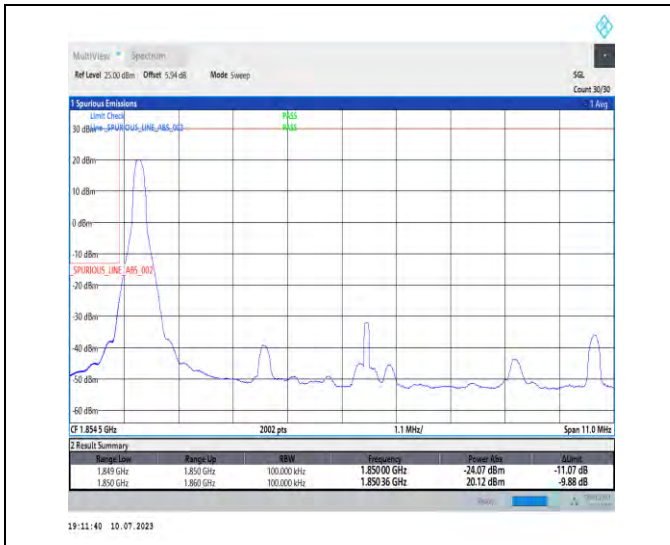
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nt3-1-seegraph-PASS-see graph



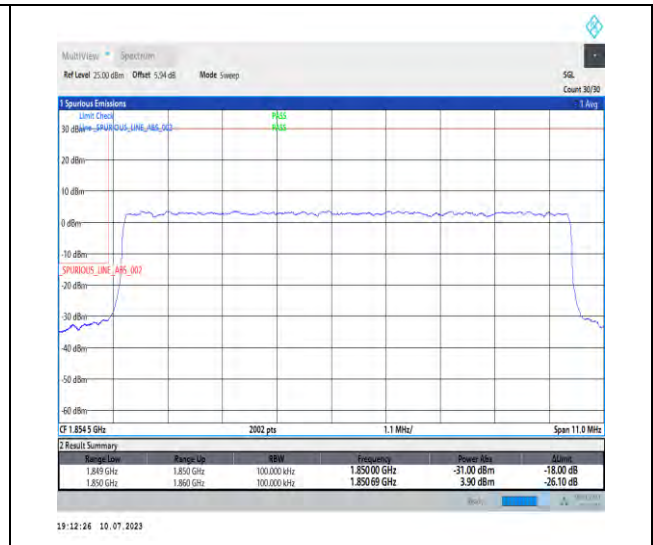
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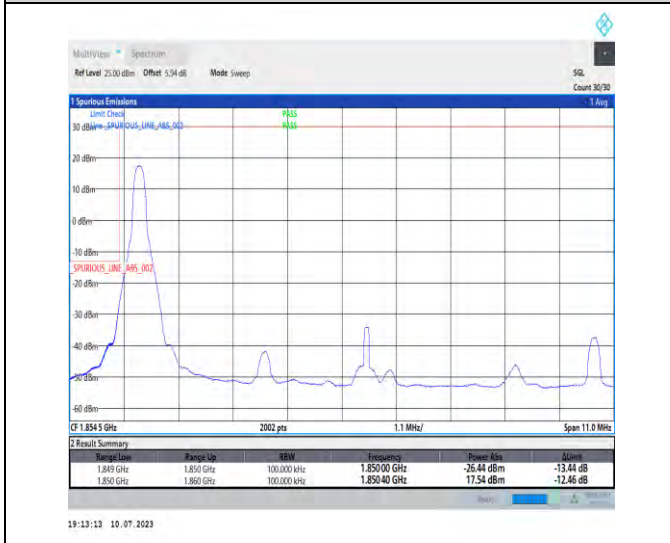
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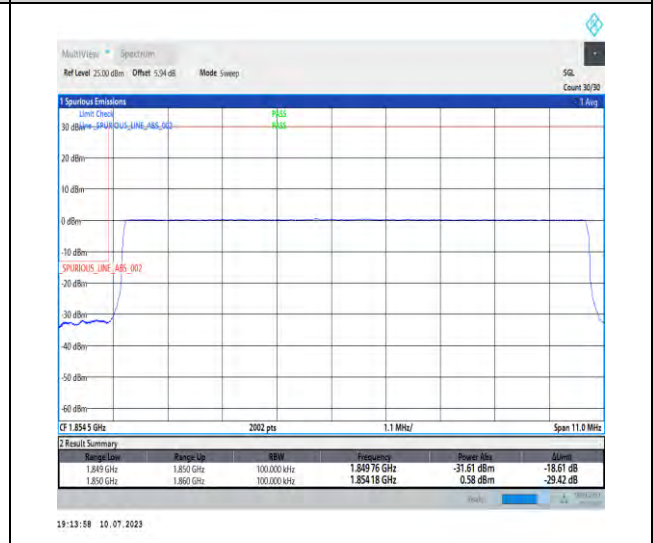
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@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50  
@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0  
-Ant3-1-seegraph-PASS-see graph



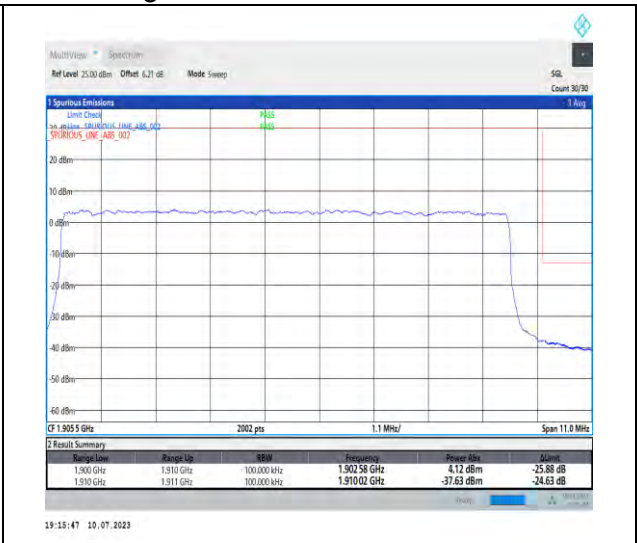
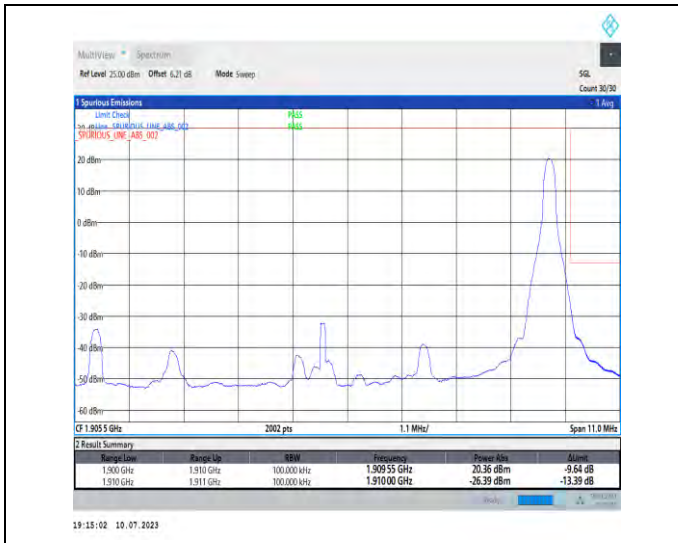
1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant3-1-seegraph-PASS-see graph



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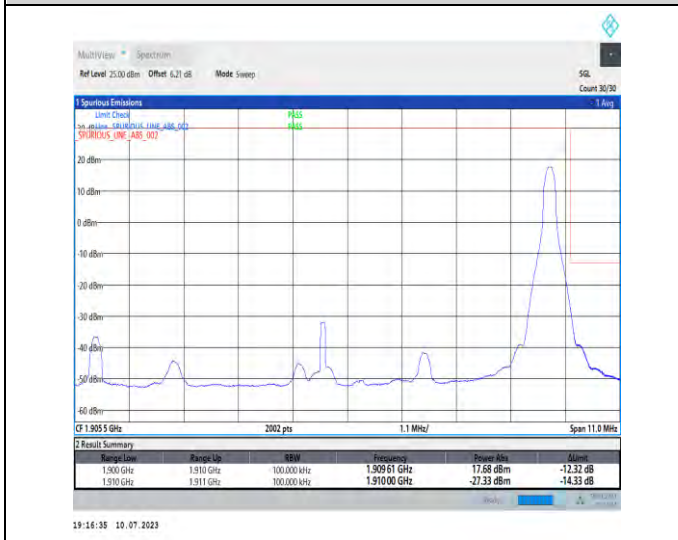
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1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant3-1-seegraph-PASS-see graph

1-N2-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant3-1-seegraph-PASS-see graph

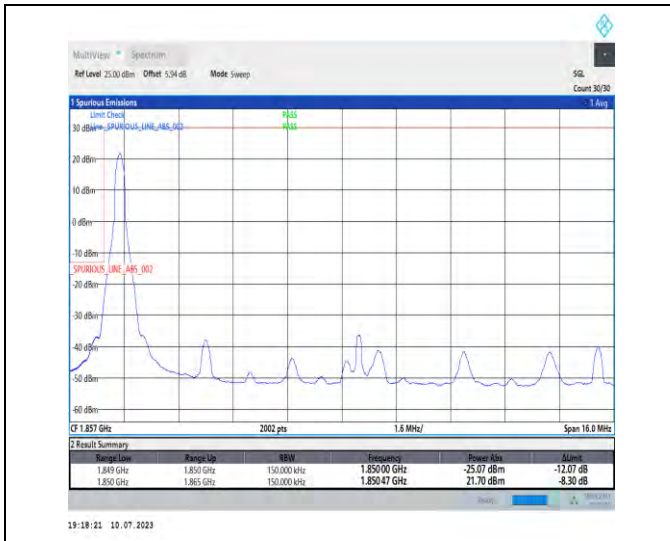
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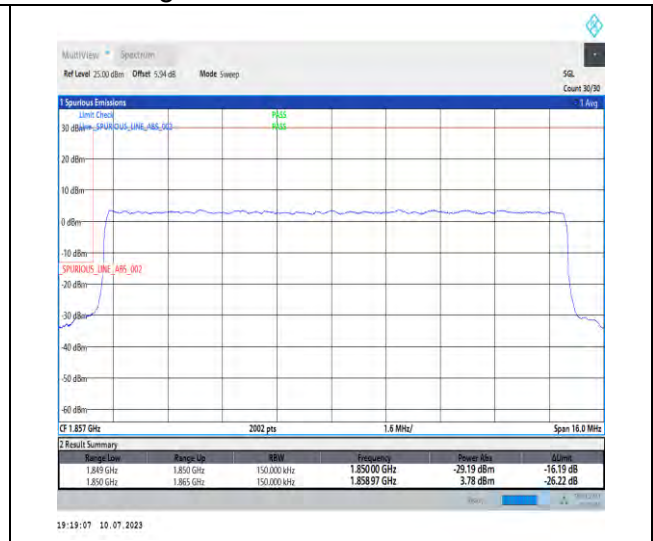
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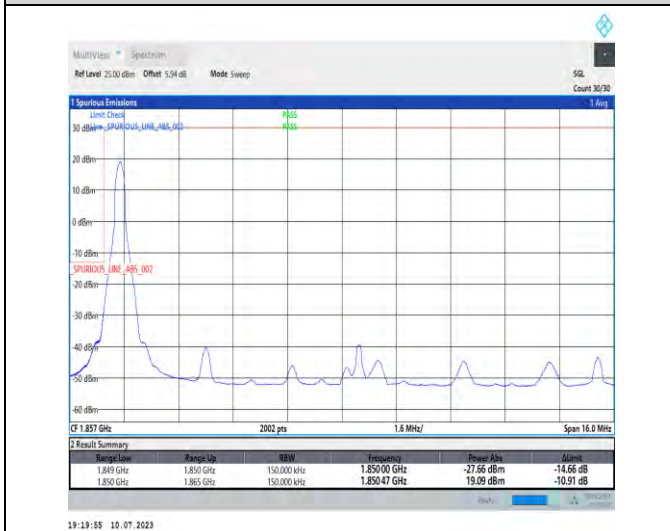
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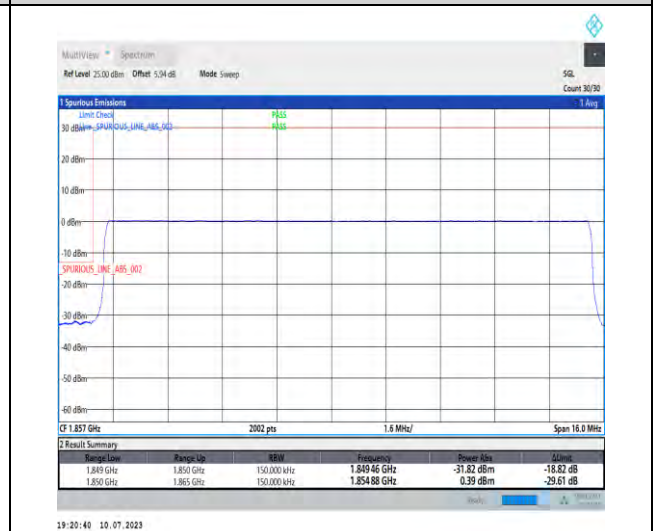
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@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75  
@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0  
-Ant3-1-seegraph-PASS-see graph



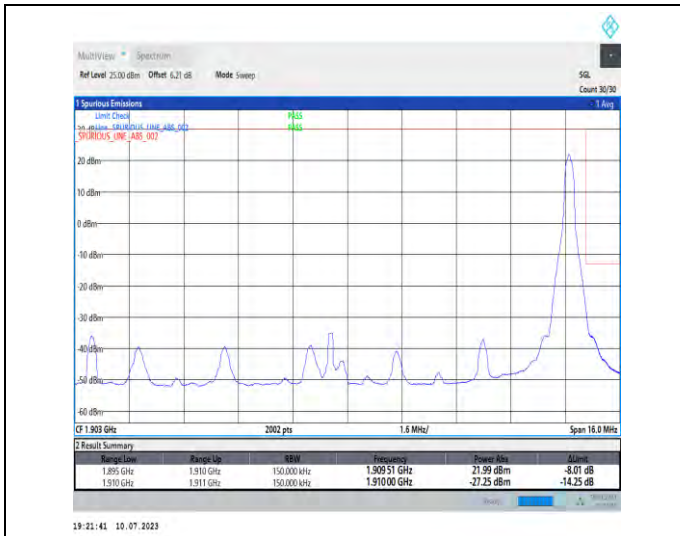
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nt3-1-seegraph-PASS-see graph



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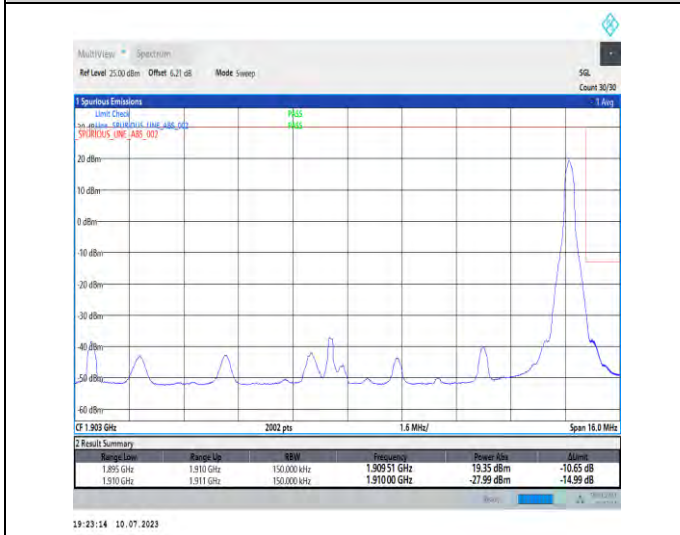




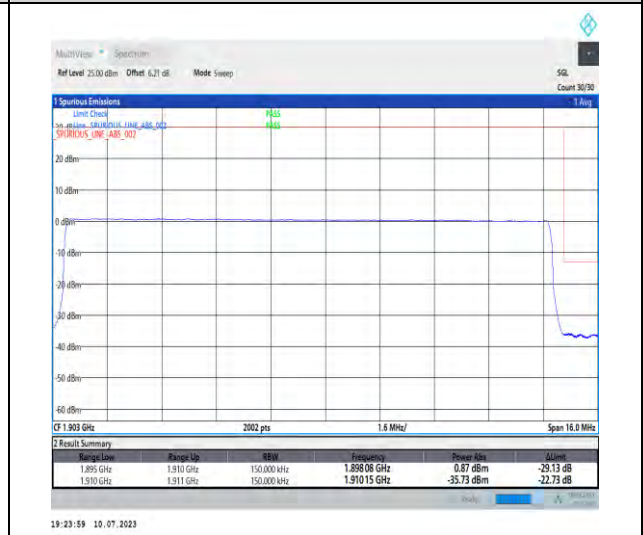
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1-N2-PC3-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant3-1-seegraph-PASS-see graph

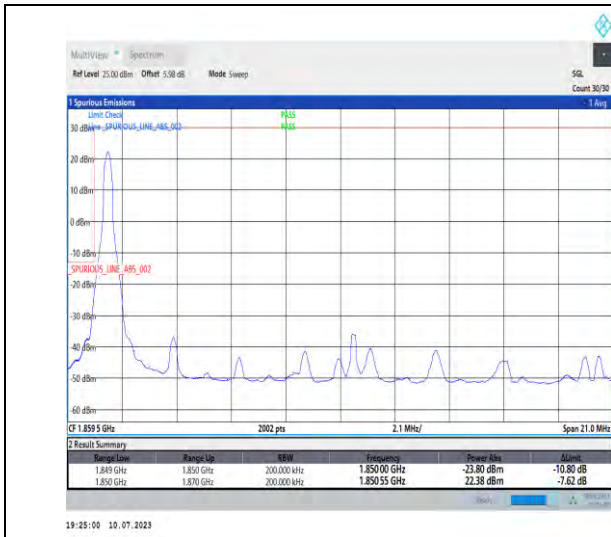


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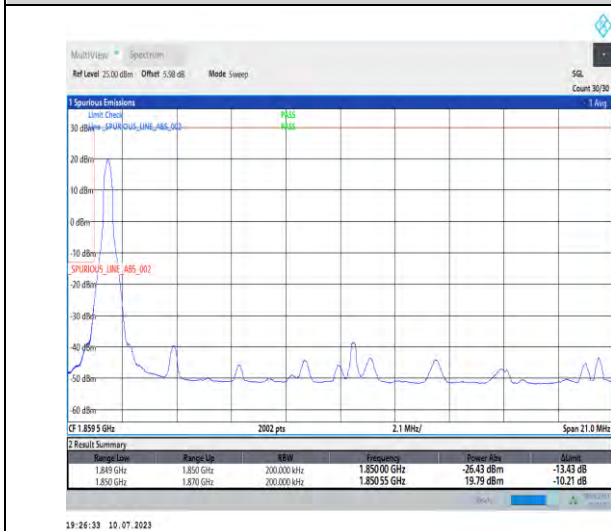
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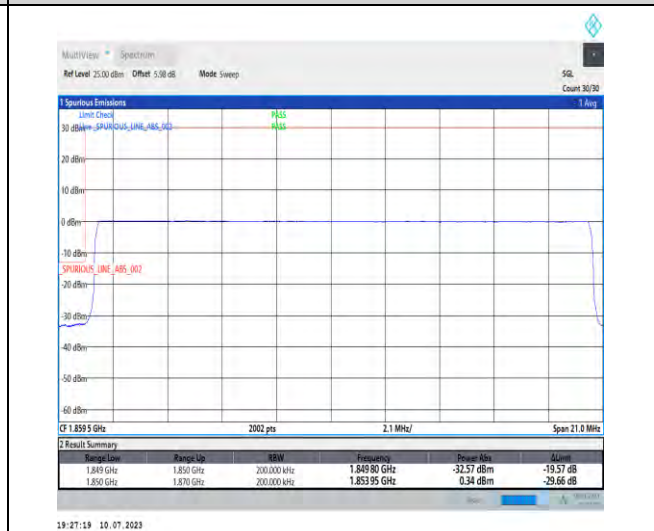
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1-N2-PC3-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph

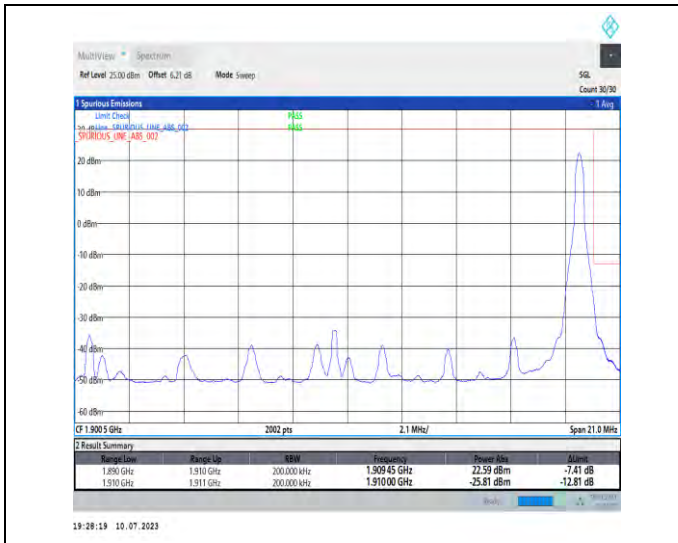


1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant3-1-seegraph-PASS-see graph



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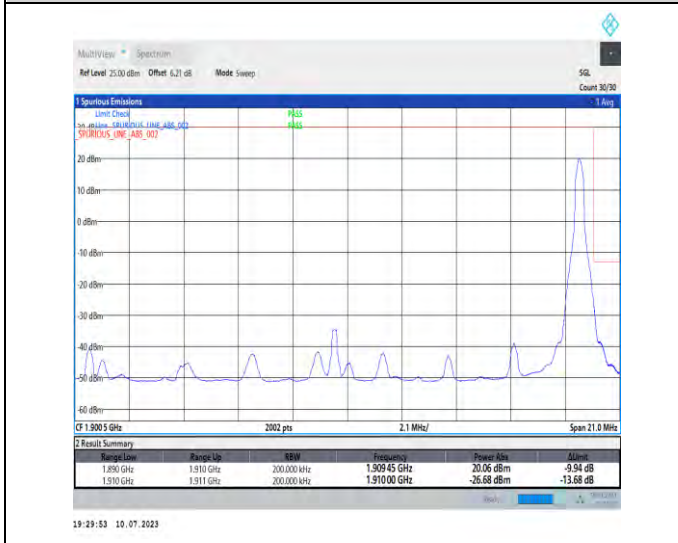
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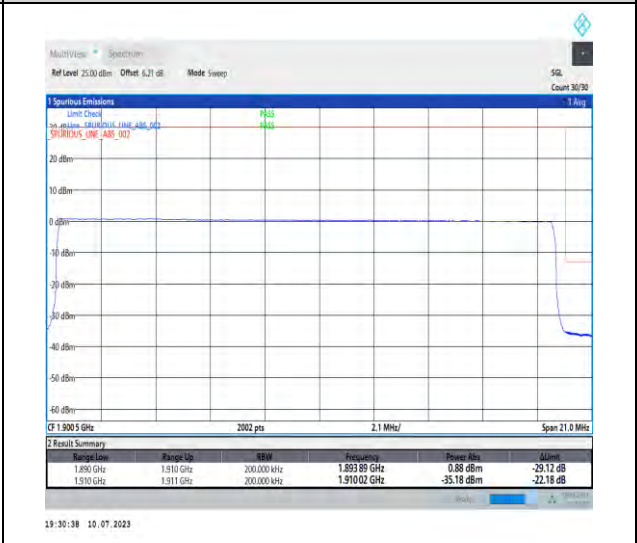
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1-N2-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant3-1-seegraph-PASS-see graph



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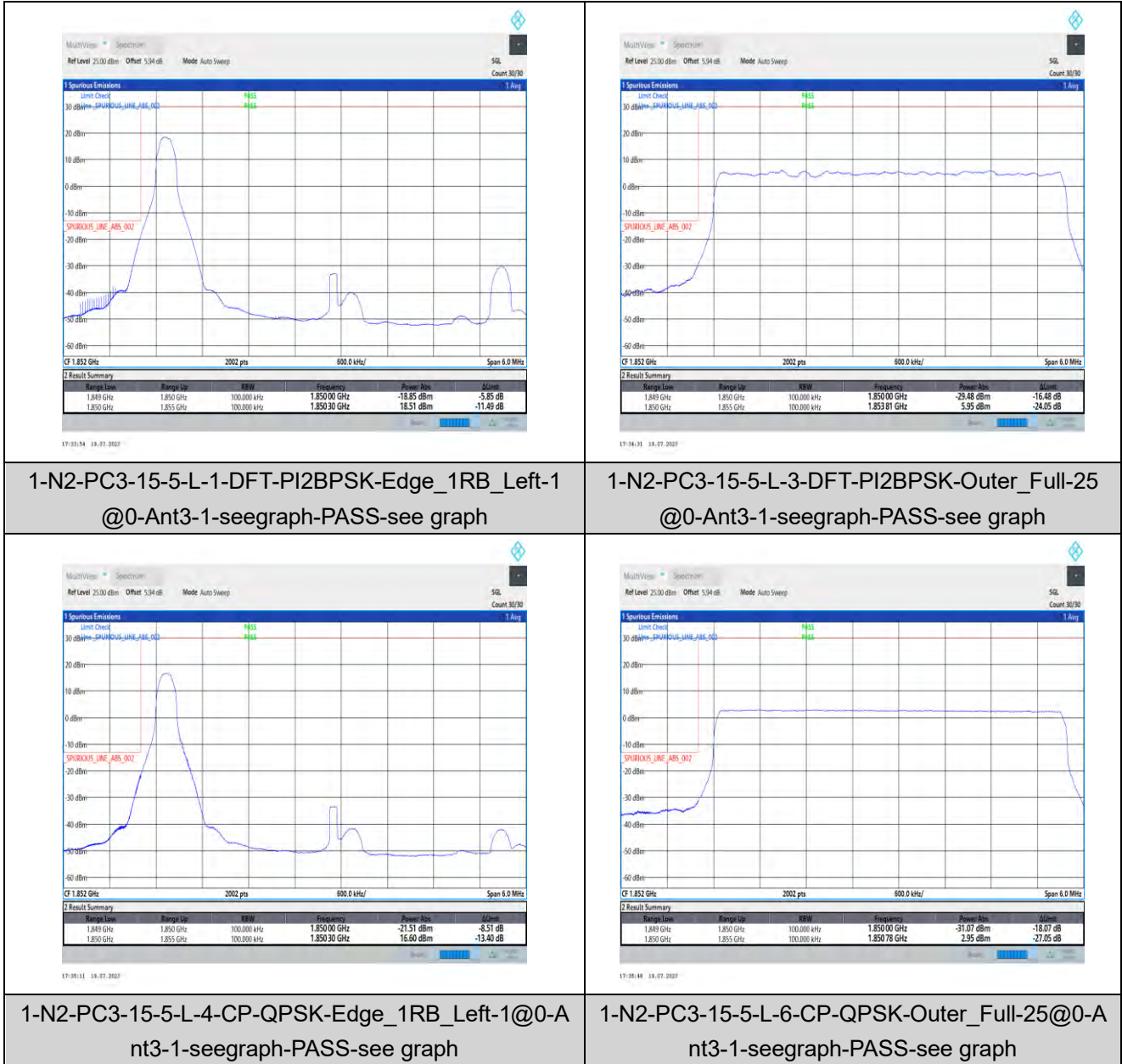
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## Band Edge for MIMO

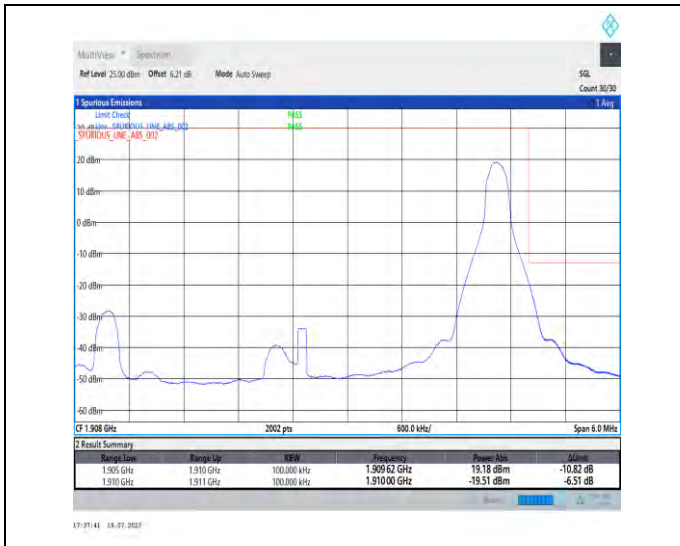
### Test Graphs



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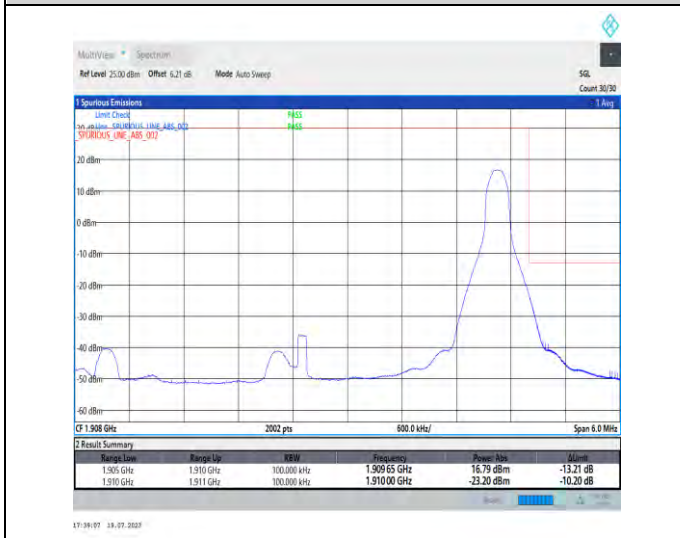
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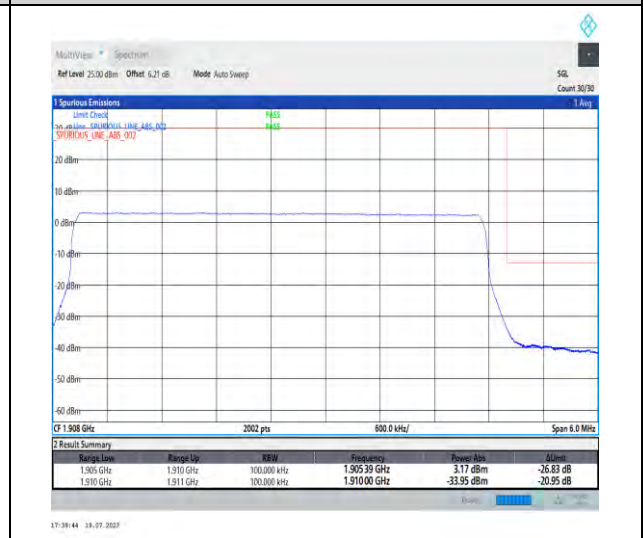
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@24-Ant3-1-seegraph-PASS-see graph



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@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@2  
4-Ant3-1-seegraph-PASS-see graph



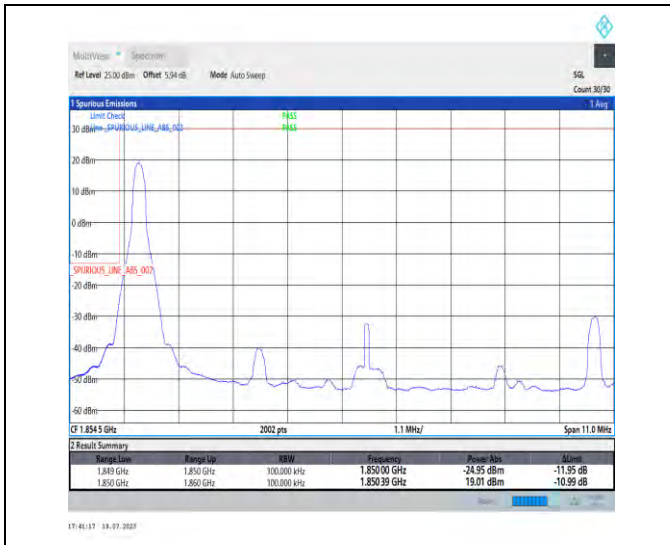
1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-A  
nt3-1-seegraph-PASS-see graph



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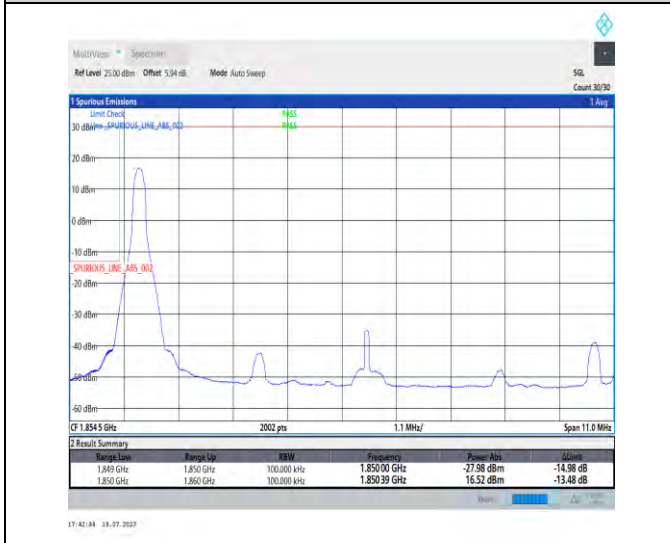
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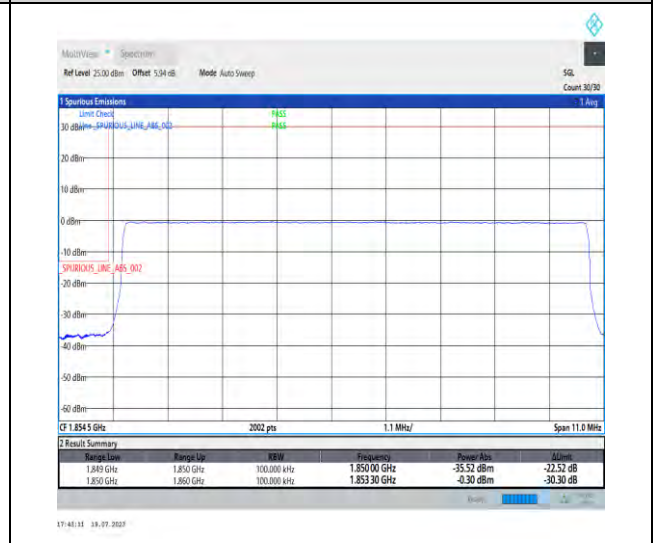
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@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0  
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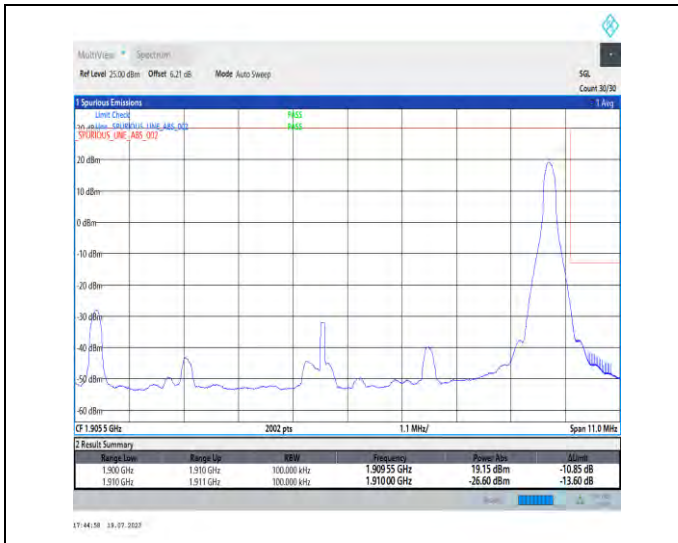


1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A  
nt3-1-seegraph-PASS-see graph



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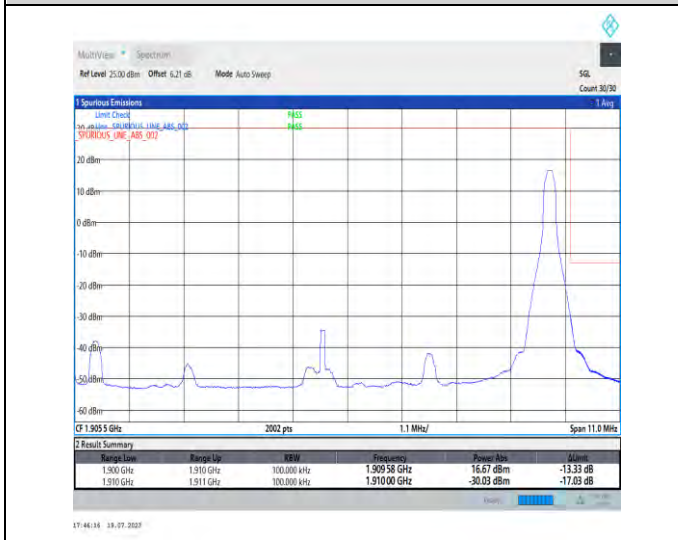
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1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant3-1-seegraph-PASS-see graph



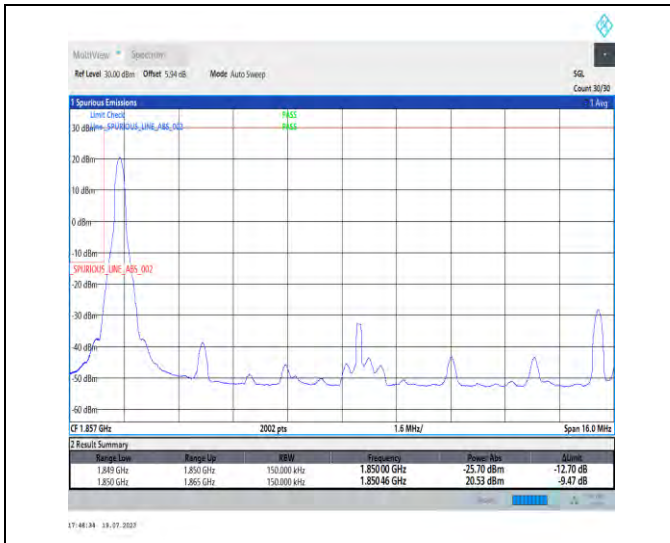
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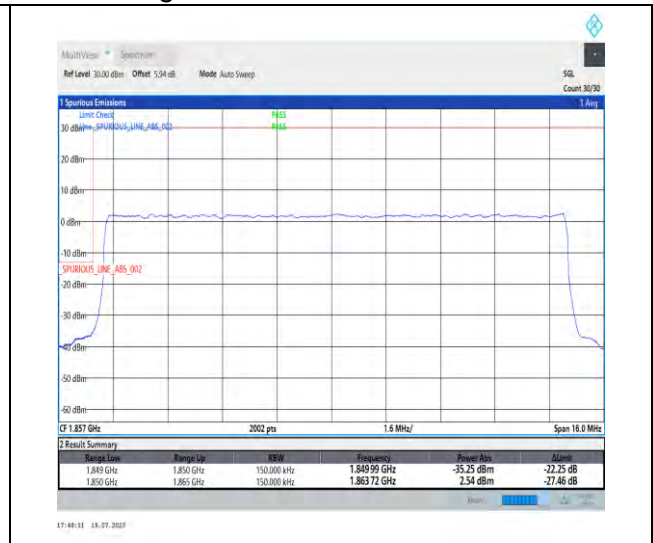
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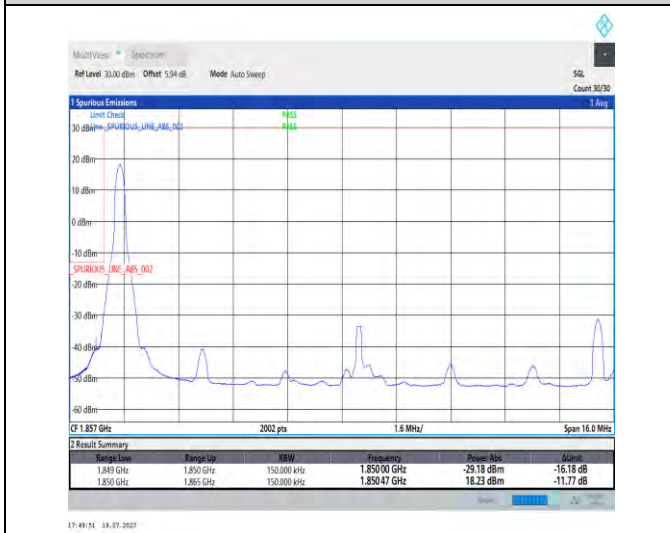
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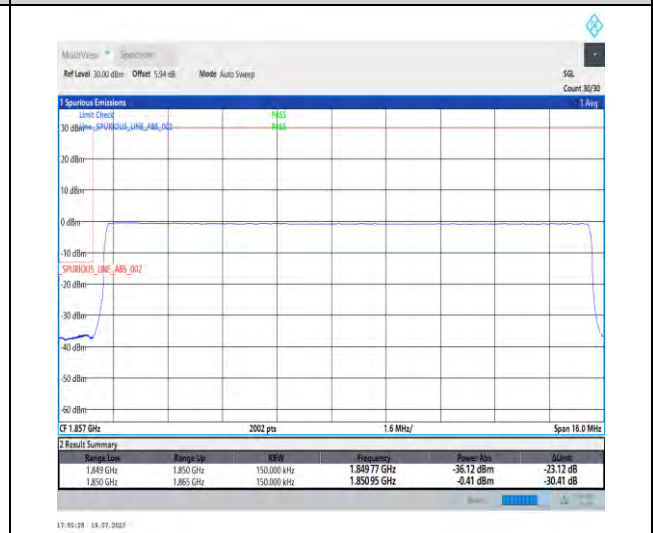
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@0-Ant3-1-seegraph-PASS-see graph



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@0-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0  
-Ant3-1-seegraph-PASS-see graph



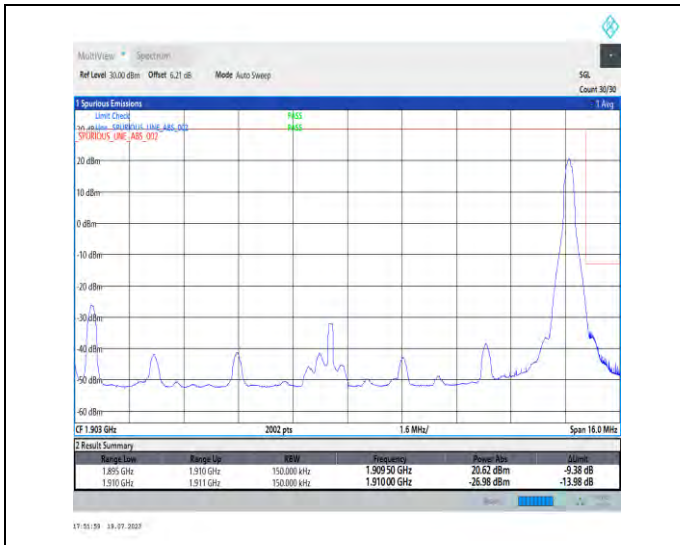
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nt3-1-seegraph-PASS-see graph



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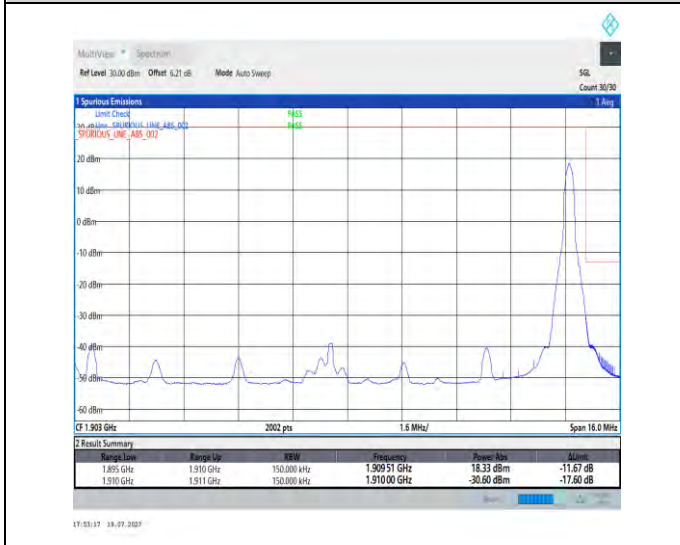




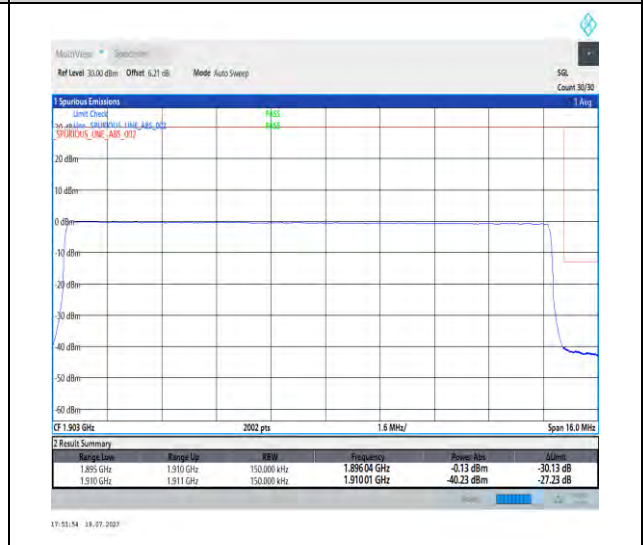
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1-N2-PC3-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant3-1-seegraph-PASS-see graph



1-N2-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant3-1-seegraph-PASS-see graph



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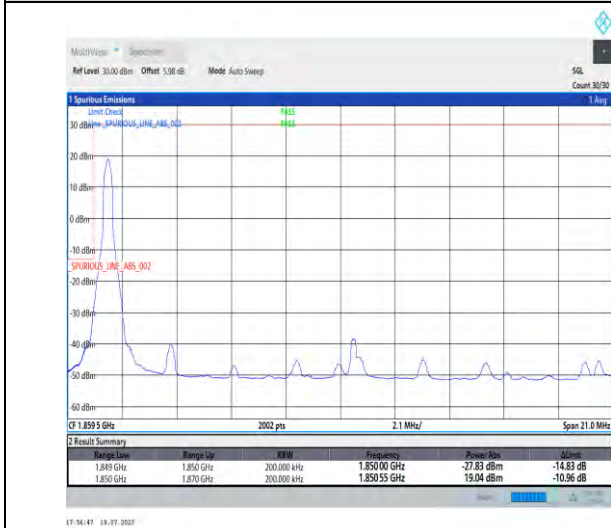
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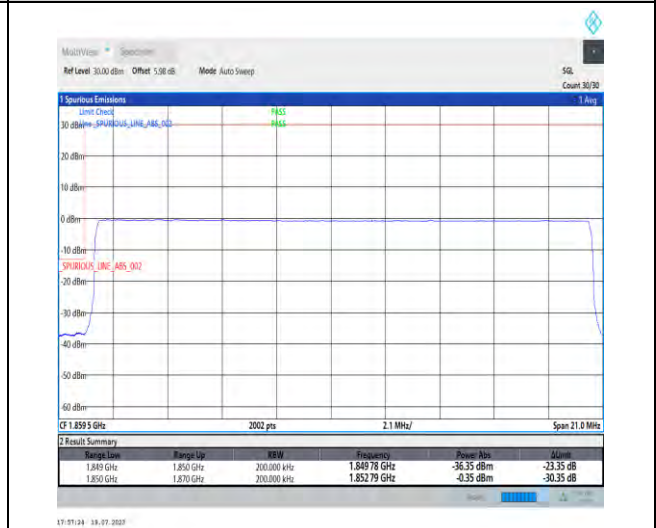
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1-N2-PC3-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph



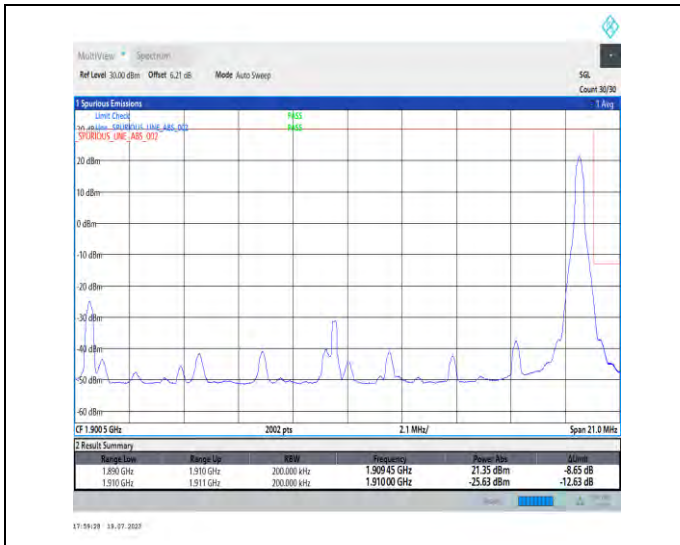
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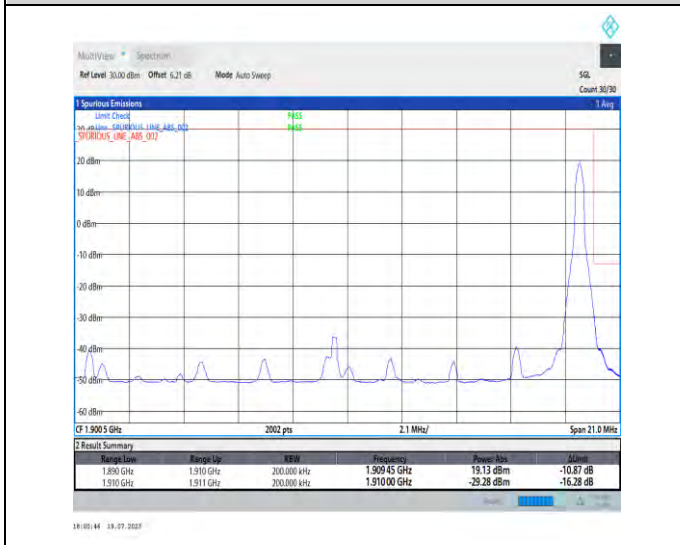
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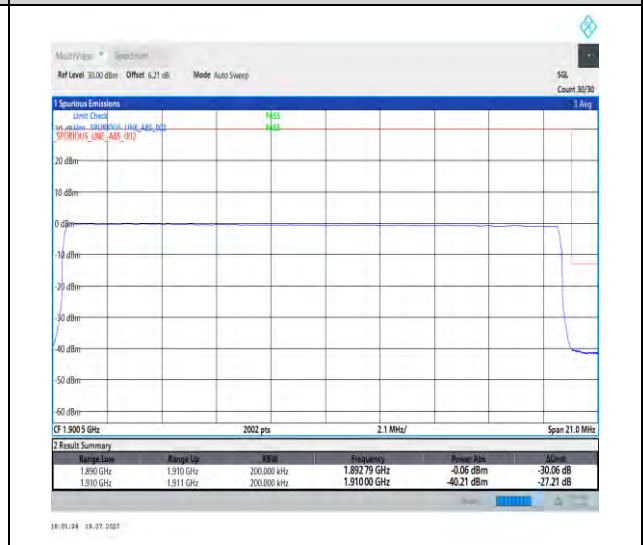
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1-N2-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant3-1-seegraph-PASS-see graph



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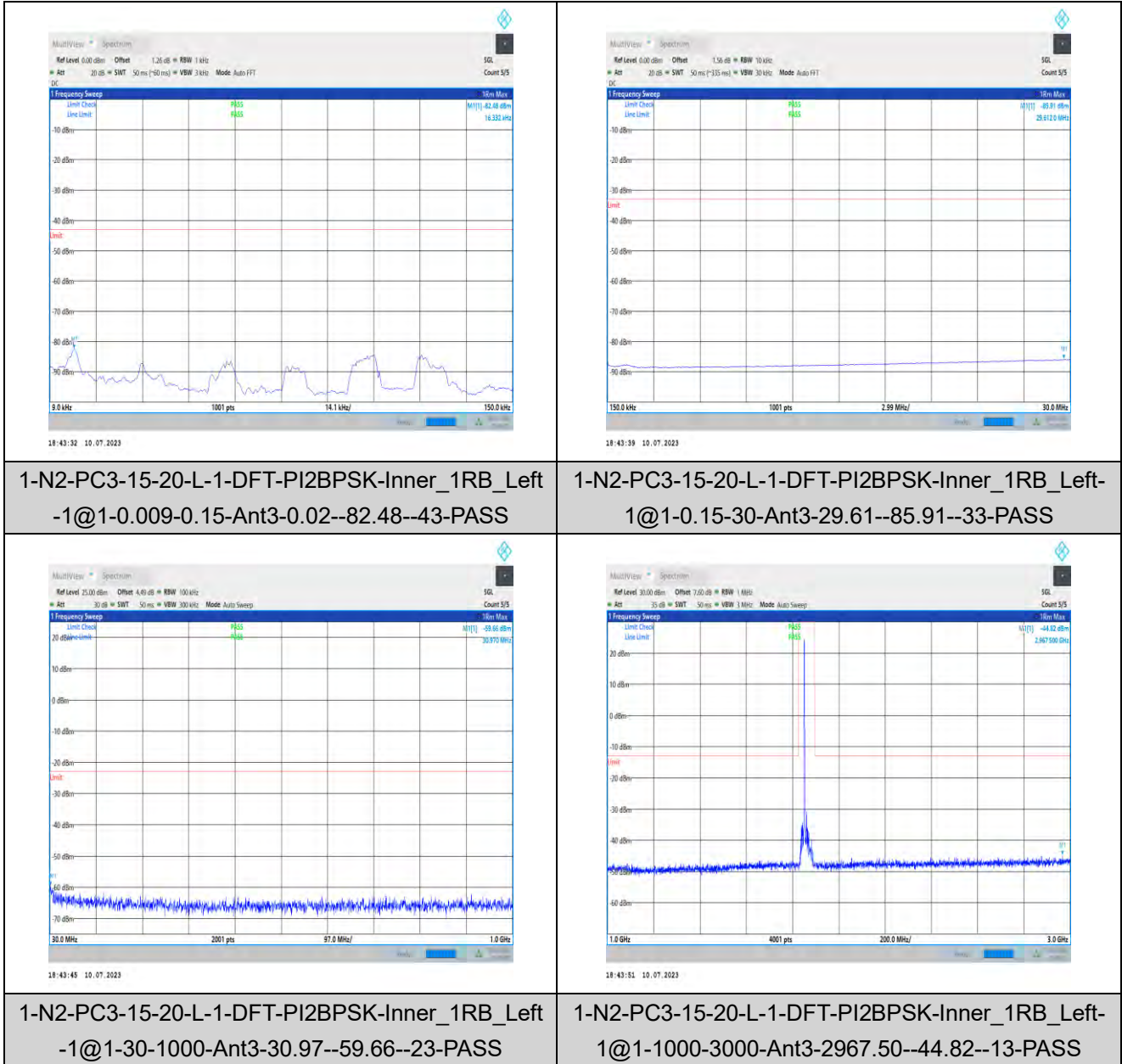


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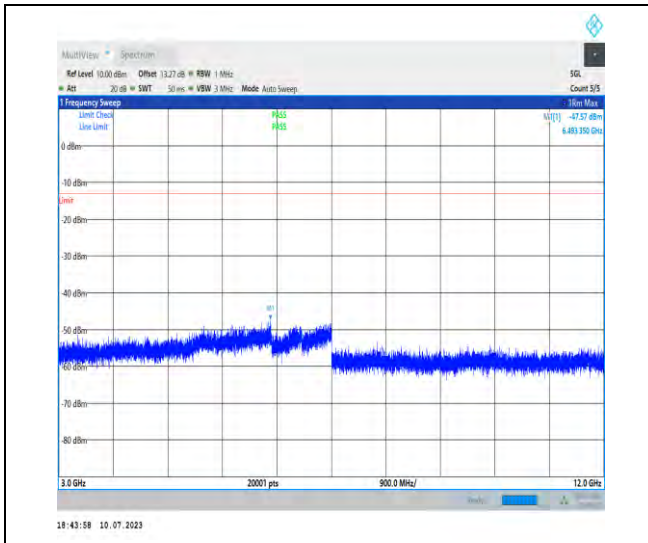
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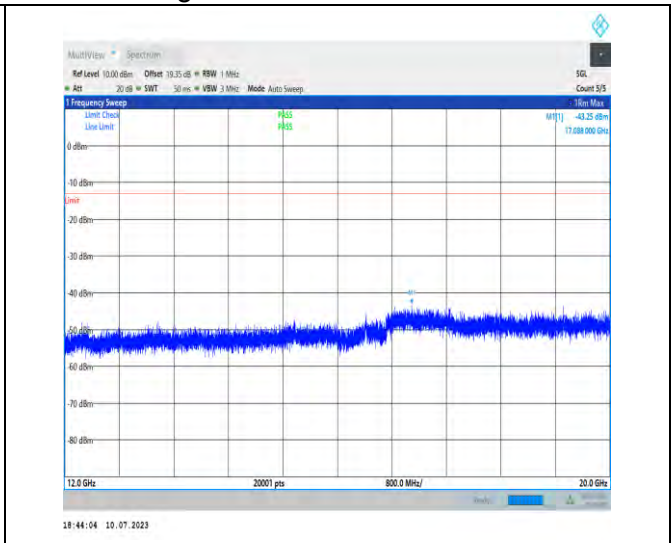
**Conducted Spurious Emission for SA**  
**Test Graphs**



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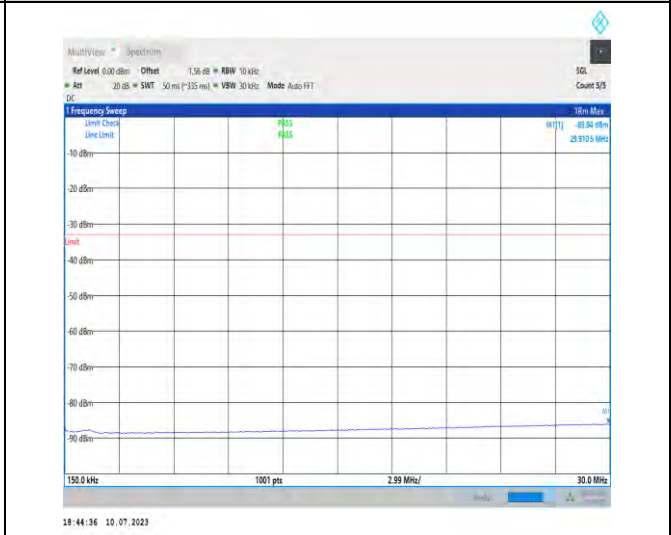
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1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant3-17088.00--43.25--13-PASS



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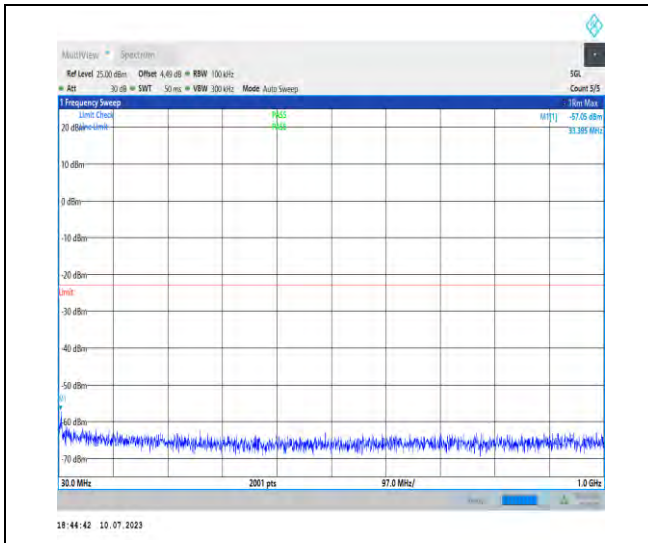
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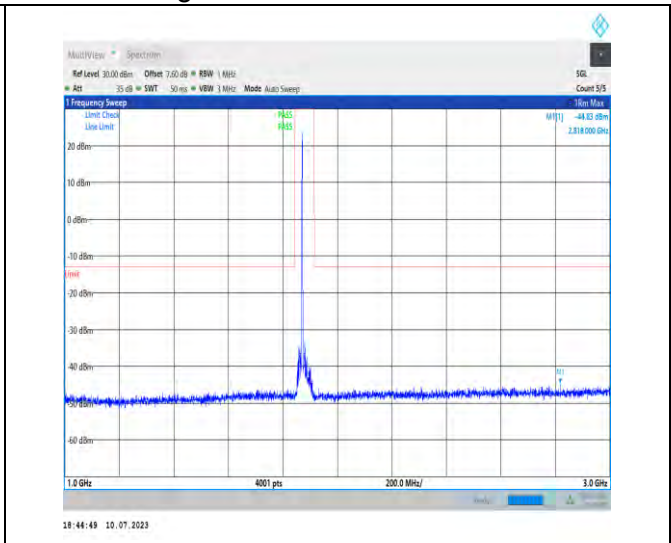
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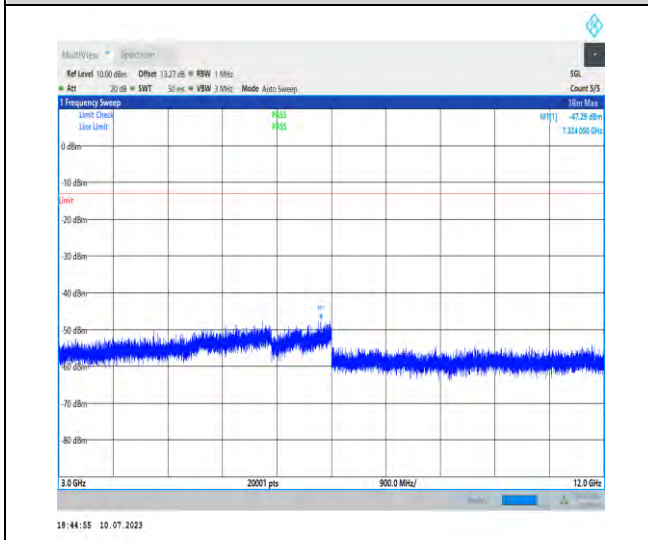
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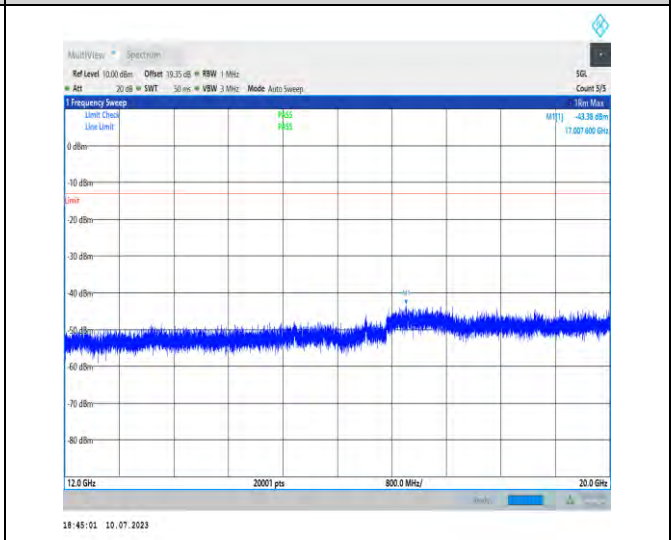
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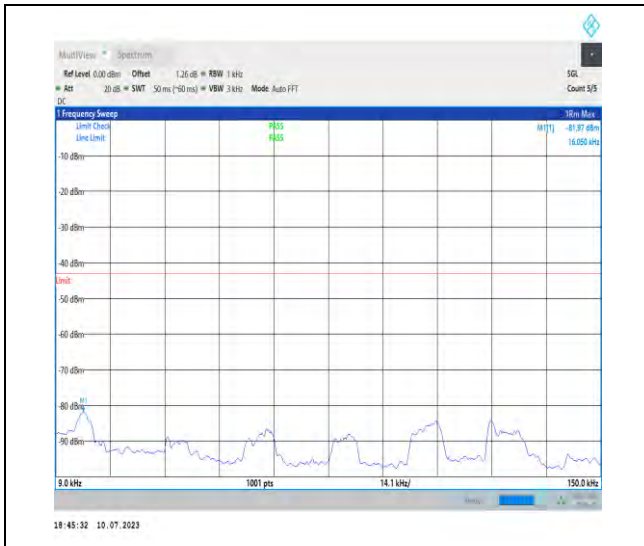


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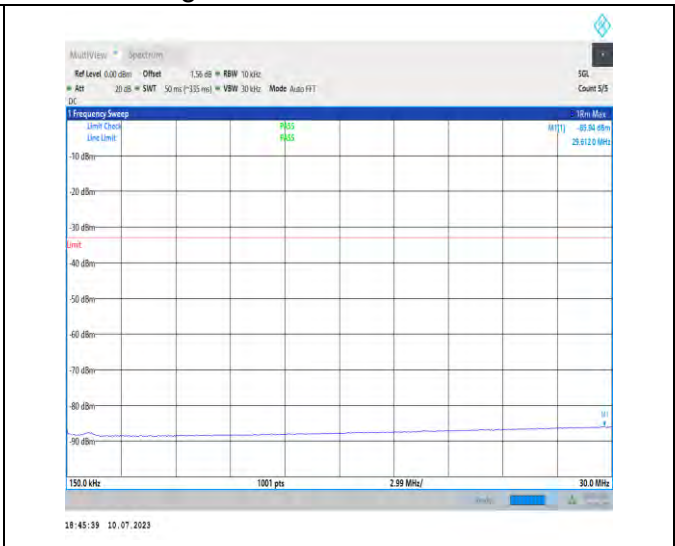


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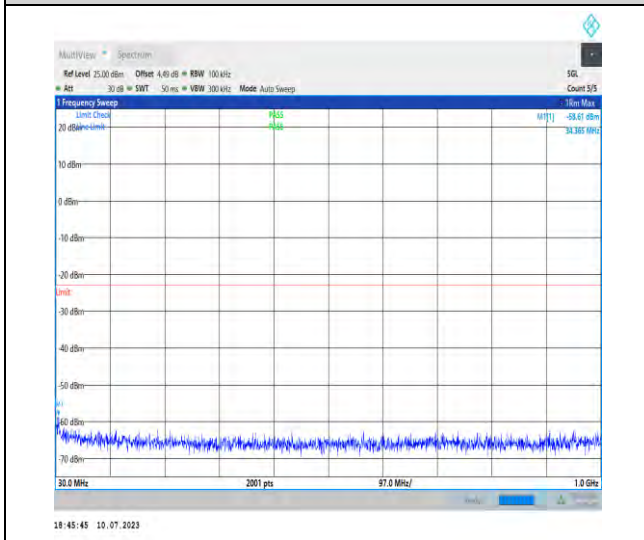
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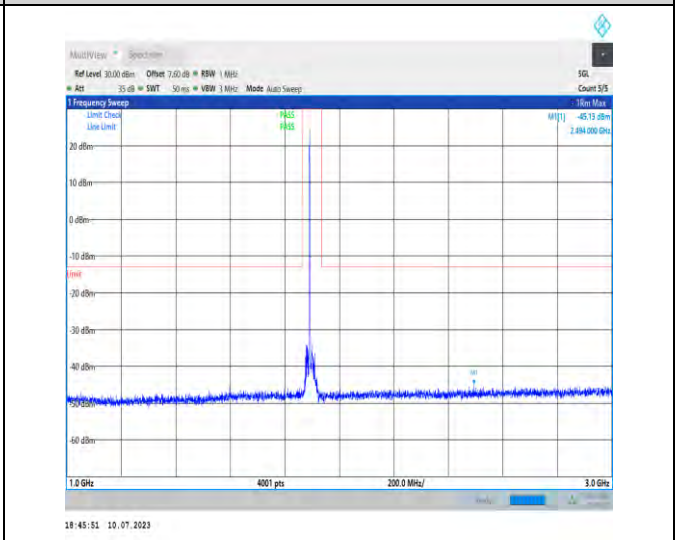
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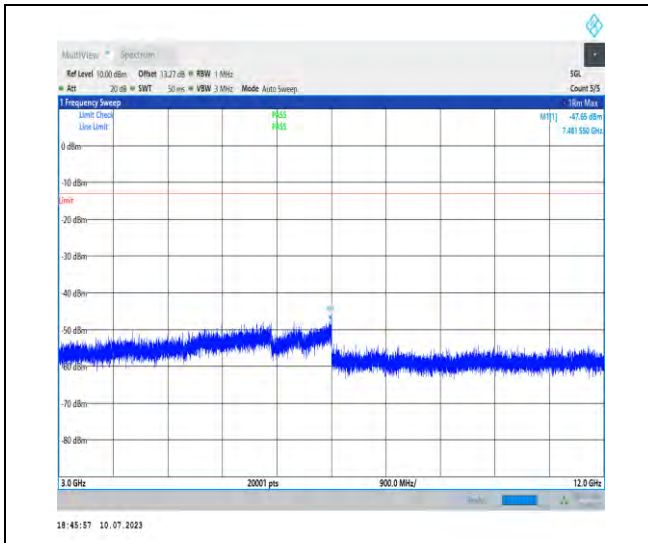
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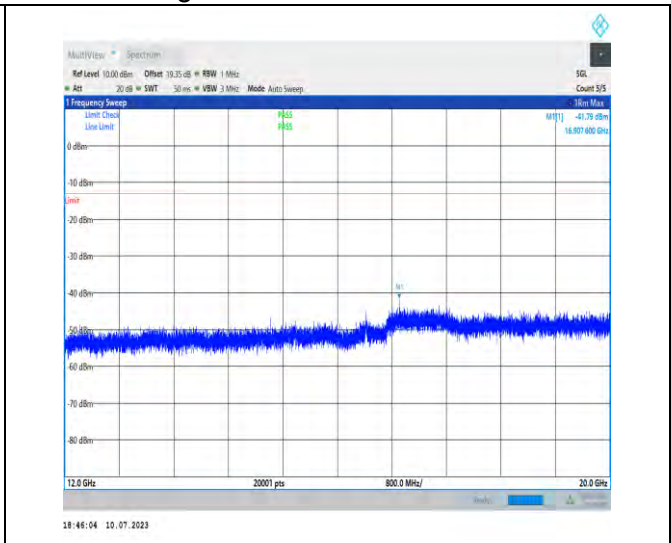
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1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-3000-12000-Ant3-7481.55--47.65--13-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant3-16907.60--41.79--13-PASS



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## Conducted Spurious Emission for SA MIMO

### Test Graphs

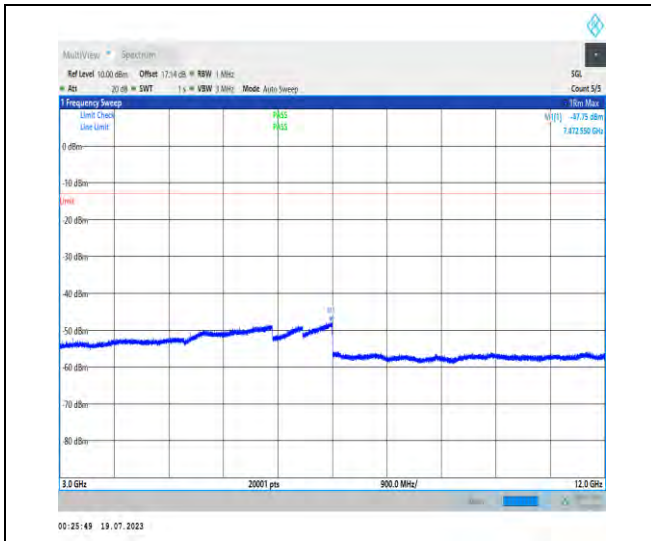
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<p>1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-34.974--59.54--23-PASS</p>	<p>1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2935--51.74--13-PASS</p>



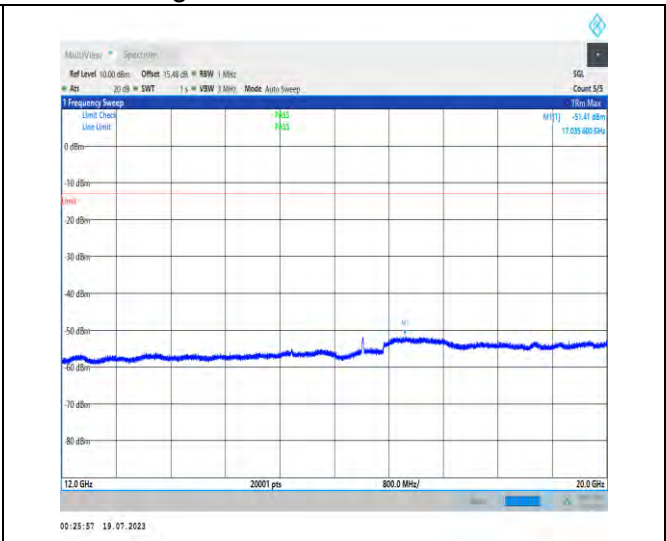
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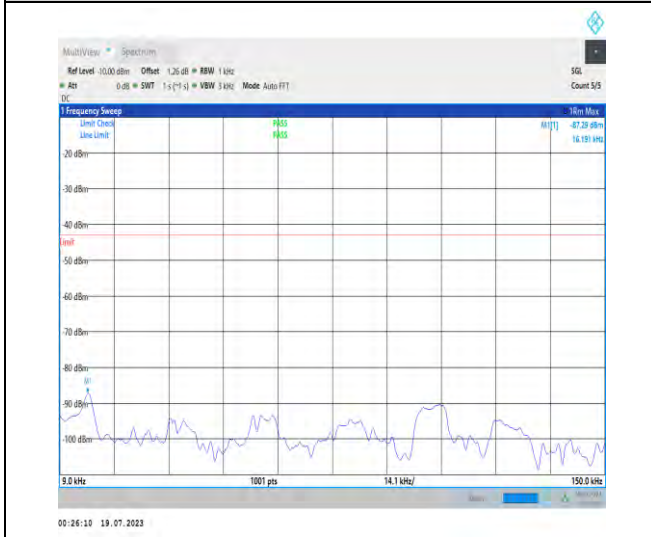
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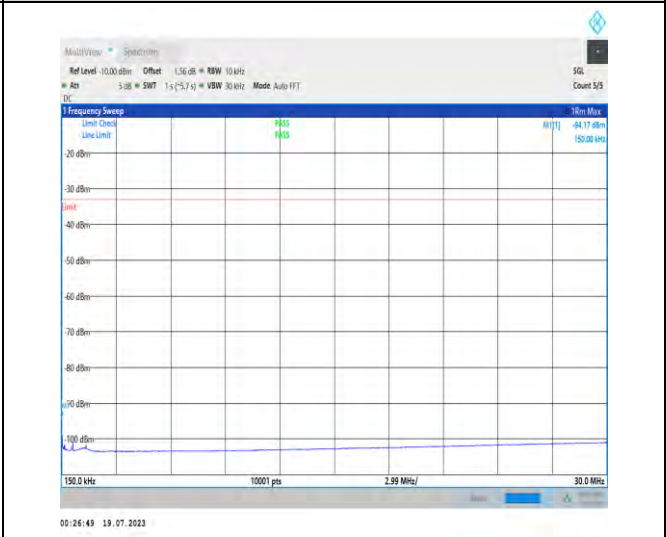
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1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant3-17035.6--51.41--13-PASS



1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant3-16.191--87.29--43-PASS



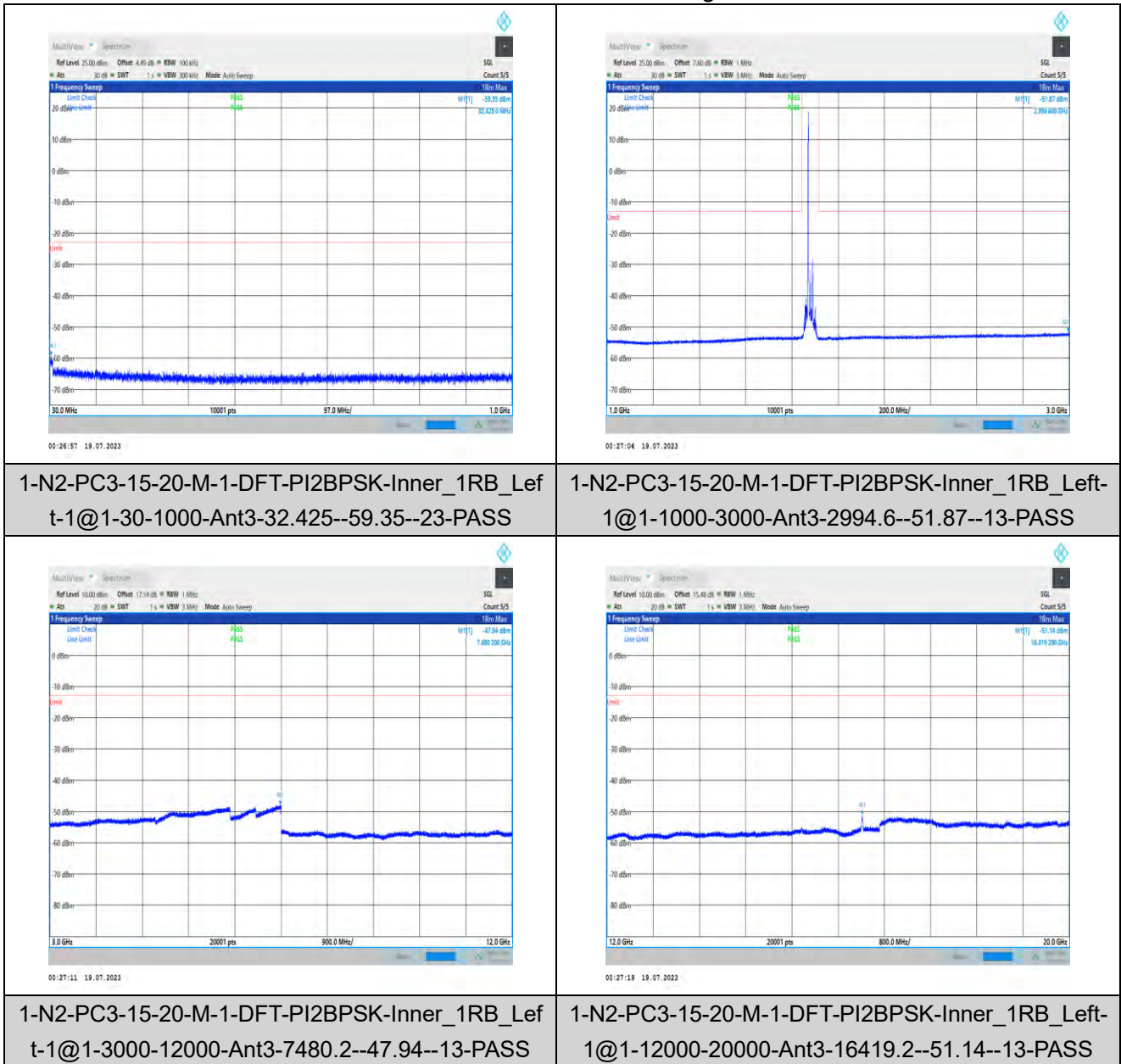
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant3-150--94.17--33-PASS



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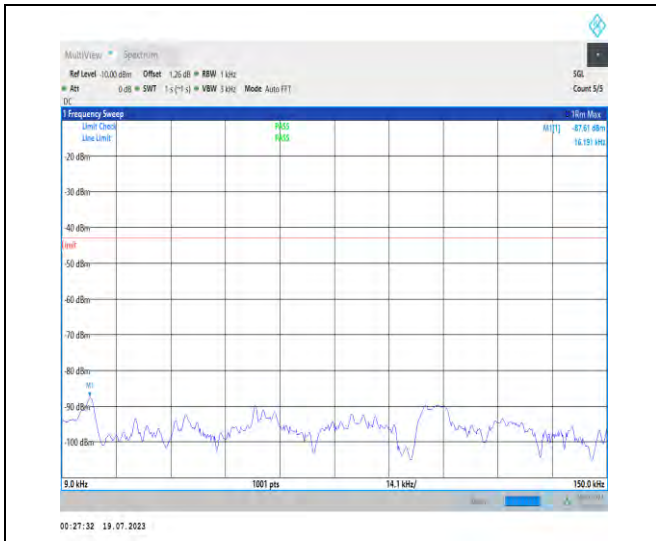
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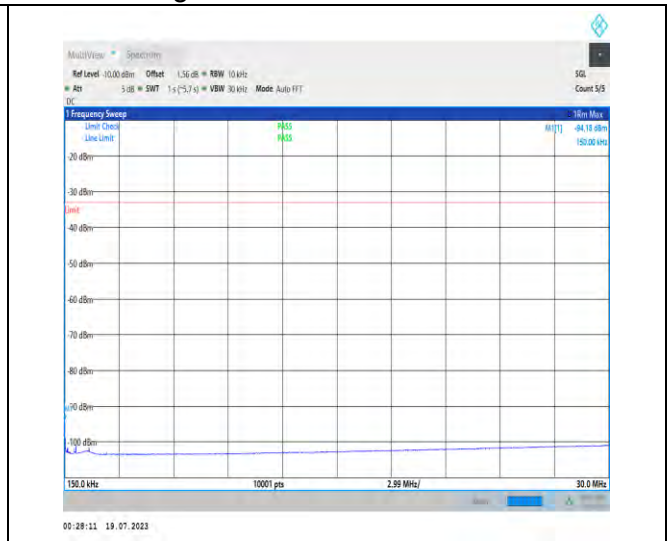


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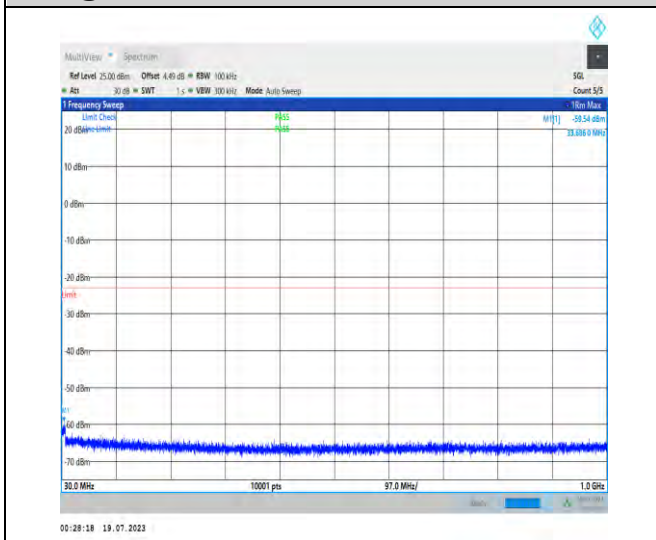
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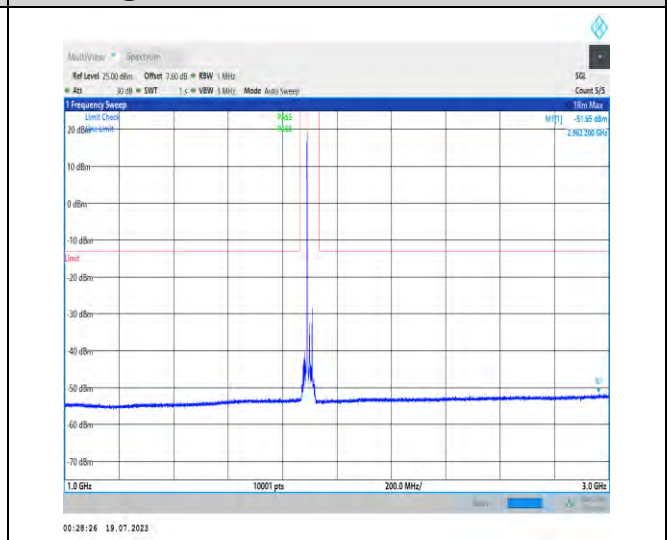
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1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-0.15-30-Ant3-150--94.18--33-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-30-1000-Ant3-33.686--59.54--23-PASS

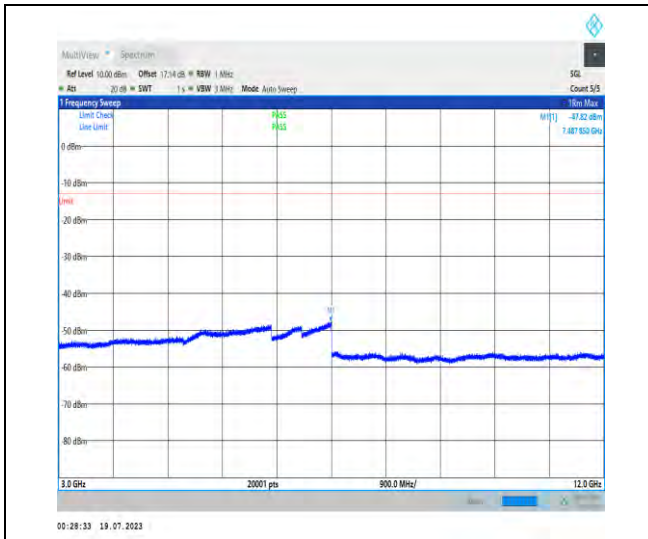


1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-1000-3000-Ant3-2962.2--51.65--13-PASS

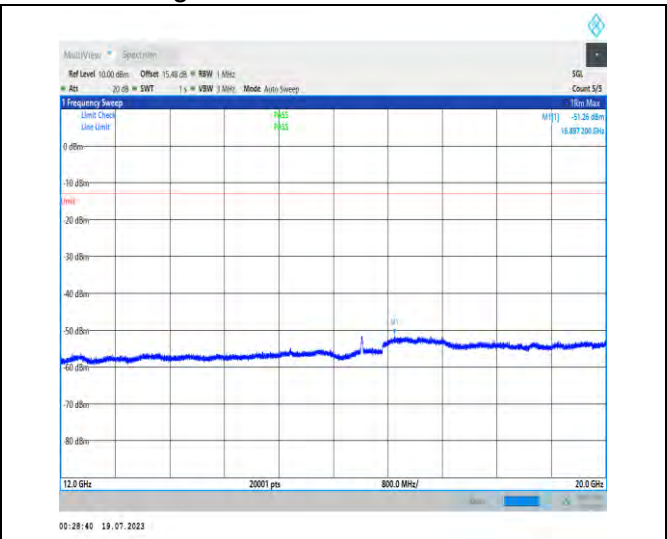


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1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-3000-12000-Ant3-7487.85--47.82--13-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant3-16897.20--51.26--13-PASS



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## Field Strength of Spurious Radiation

Test Band = NR SA Band 2\_ 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	3702	59.72	-48.50	28.98	-55.06	-13.00	42.06	Horizontal
2	5553.27	43.56	-47.66	32.71	-66.65	-13.00	53.65	Horizontal
3	7404.36	42.43	-46.17	36.57	-62.43	-13.00	49.43	Horizontal
4	9255.45	40.04	-43.17	37.83	-60.56	-13.00	47.56	Horizontal
5	11106.54	37.62	-40.36	39.38	-58.62	-13.00	45.62	Horizontal
6	12957.63	36.37	-39.41	38.63	-59.67	-13.00	46.67	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	63.48	-48.50	28.98	-51.30	-13.00	38.30	Vertical
2	5553.27	43.94	-47.66	32.71	-66.27	-13.00	53.27	Vertical
3	7404.36	43.42	-46.17	36.57	-61.44	-13.00	48.44	Vertical
4	9255.45	40.36	-43.17	37.83	-60.24	-13.00	47.24	Vertical
5	11106.54	37.75	-40.36	39.38	-58.49	-13.00	45.49	Vertical
6	12957.63	36.28	-39.41	38.63	-59.76	-13.00	46.76	Vertical



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**Test Band = NR SA Band 2\_ 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	3742.18	58.99	-48.37	29.04	-55.60	-13.00	42.60	Horizontal
2	5613.27	44.10	-47.67	32.72	-66.11	-13.00	53.11	Horizontal
3	7484.36	42.02	-46.17	36.76	-62.65	-13.00	49.65	Horizontal
4	9355.45	41.03	-42.97	37.92	-59.28	-13.00	46.28	Horizontal
5	11226.54	37.10	-40.37	39.35	-59.18	-13.00	46.18	Horizontal
6	13097.63	36.28	-38.42	38.83	-58.57	-13.00	45.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	61.19	-48.37	29.04	-53.40	-13.00	40.40	Vertical
2	5613.27	45.32	-47.67	32.72	-64.89	-13.00	51.89	Vertical
3	7484.36	41.95	-46.17	36.76	-62.72	-13.00	49.72	Vertical
4	9355.45	40.54	-42.97	37.92	-59.77	-13.00	46.77	Vertical
5	11226.54	37.77	-40.37	39.35	-58.51	-13.00	45.51	Vertical
6	13097.63	36.18	-38.42	38.83	-58.67	-13.00	45.67	Vertical



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**Test Band = NR SA Band 2\_ 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	3782.18	58.13	-48.24	29.10	-56.27	-13.00	43.27	Horizontal
2	5673.27	45.57	-47.55	32.73	-64.50	-13.00	51.50	Horizontal
3	7564.36	49.29	-45.14	36.72	-54.39	-13.00	41.39	Horizontal
4	9455.45	39.27	-42.67	38.01	-60.65	-13.00	47.65	Horizontal
5	11346.54	37.19	-40.28	39.33	-59.02	-13.00	46.02	Horizontal
6	13237.63	35.95	-38.85	39.15	-59.01	-13.00	46.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	59.79	-48.24	29.10	-54.61	-13.00	41.61	Vertical
2	5673.27	47.63	-47.55	32.73	-62.44	-13.00	49.44	Vertical
3	7564.36	48.19	-45.14	36.72	-55.49	-13.00	42.49	Vertical
4	9455.45	39.95	-42.67	38.01	-59.97	-13.00	46.97	Vertical
5	11346.54	37.33	-40.28	39.33	-58.88	-13.00	45.88	Vertical
6	13237.63	36.40	-38.85	39.15	-58.56	-13.00	45.56	Vertical



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**Test Band = SA MIMO n2\_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	3495	58.28	-48.30	28.70	-56.58	-13.00	43.58	Horizontal
2	4927.5	43.88	-48.02	31.33	-68.08	-13.00	55.08	Horizontal
3	6693.75	43.79	-46.58	34.93	-63.13	-13.00	50.13	Horizontal
4	8367	41.80	-44.26	36.71	-61.00	-13.00	48.00	Horizontal
5	10380.75	38.83	-41.22	38.84	-58.81	-13.00	45.81	Horizontal
6	12681.75	37.65	-39.22	38.79	-58.04	-13.00	45.04	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3919.5	45.27	-48.27	29.29	-68.97	-13.00	55.97	Vertical
2	5263.5	44.27	-47.82	32.13	-66.68	-13.00	53.68	Vertical
3	6696	43.60	-46.57	34.93	-63.30	-13.00	50.30	Vertical
4	8740.5	41.69	-44.07	37.24	-60.40	-13.00	47.40	Vertical
5	11257.5	38.54	-40.41	39.35	-57.78	-13.00	44.78	Vertical
6	13731	36.57	-38.29	40.28	-56.70	-13.00	43.70	Vertical



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**Test Band = SA MIMO n2\_ 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	3888	44.94	-48.28	29.24	-69.35	-13.00	56.35	Horizontal
2	5569.5	44.65	-47.67	32.71	-65.57	-13.00	52.57	Horizontal
3	7683	42.56	-45.10	36.58	-61.22	-13.00	48.22	Horizontal
4	10575	38.42	-41.10	39.02	-58.92	-13.00	45.92	Horizontal
5	13734	36.57	-38.32	40.29	-56.73	-13.00	43.73	Horizontal
6	16598.25	35.38	-37.17	38.62	-58.43	-13.00	45.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3746.25	45.22	-48.36	29.04	-69.35	-13.00	56.35	Vertical
2	4676.25	44.66	-47.97	30.72	-67.85	-13.00	54.85	Vertical
3	5895.75	44.19	-47.17	32.78	-65.46	-13.00	52.46	Vertical
4	7659	42.37	-44.95	36.61	-61.23	-13.00	48.23	Vertical
5	9243.75	41.42	-43.25	37.82	-59.27	-13.00	46.27	Vertical
6	12087.75	37.31	-39.60	39.15	-58.41	-13.00	45.41	Vertical



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**Test Band = SA MIMO n2\_ 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	3774	45.00	-48.27	29.08	-69.44	-13.00	56.44	Horizontal
2	4701.75	44.30	-47.96	30.78	-68.14	-13.00	55.14	Horizontal
3	6700.5	43.78	-46.55	34.94	-63.09	-13.00	50.09	Horizontal
4	8874.75	41.54	-44.02	37.42	-60.32	-13.00	47.32	Horizontal
5	11384.25	38.71	-40.14	39.32	-57.37	-13.00	44.37	Horizontal
6	13681.5	36.93	-38.17	40.17	-56.33	-13.00	43.33	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3675.75	45.12	-48.45	28.95	-69.65	-13.00	56.65	Vertical
2	4902	43.79	-48.03	31.26	-68.23	-13.00	55.23	Vertical
3	6308.25	43.64	-47.29	33.85	-65.06	-13.00	52.06	Vertical
4	7683.75	42.81	-45.11	36.58	-60.98	-13.00	47.98	Vertical
5	9468	40.62	-42.59	38.02	-59.21	-13.00	46.21	Vertical
6	11740.5	37.68	-39.75	39.25	-58.07	-13.00	45.07	Vertical



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**Test Band = NSA 5A\_N2A\_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	4542	45.21	-47.99	30.40	-67.64	-13.00	54.64	Horizontal
2	5943.75	44.54	-47.30	32.79	-65.23	-13.00	52.23	Horizontal
3	7854	43.84	-45.20	36.38	-60.25	-13.00	47.25	Horizontal
4	11147.25	38.70	-40.35	39.37	-57.54	-13.00	44.54	Horizontal
5	13062.75	38.10	-38.77	38.74	-57.18	-13.00	44.18	Horizontal
6	16610.25	36.65	-37.22	38.63	-57.20	-13.00	44.20	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3410.25	45.79	-48.40	28.66	-69.20	-13.00	56.20	Vertical
2	4344	45.36	-47.93	30.02	-67.81	-13.00	54.81	Vertical
3	5762.25	44.21	-47.59	32.75	-65.89	-13.00	52.89	Vertical
4	7099.5	43.70	-45.83	35.84	-61.56	-13.00	48.56	Vertical
5	9477.75	40.91	-42.52	38.03	-58.84	-13.00	45.84	Vertical
6	14818.5	36.70	-36.95	40.25	-55.26	-13.00	42.26	Vertical



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**Test Band = NSA 5A\_N2A\_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	3951.75	45.42	-48.23	29.33	-68.74	-13.00	55.74	Horizontal
2	5065.5	44.76	-47.89	31.66	-66.73	-13.00	53.73	Horizontal
3	6525	44.21	-47.01	34.56	-63.50	-13.00	50.50	Horizontal
4	8370.75	42.05	-44.24	36.72	-60.73	-13.00	47.73	Horizontal
5	9921	40.16	-42.02	38.43	-58.70	-13.00	45.70	Horizontal
6	13605	37.46	-39.00	39.99	-56.80	-13.00	43.80	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4589.25	45.07	-48.00	30.51	-67.67	-13.00	54.67	Vertical
2	5725.5	44.67	-47.53	32.75	-65.38	-13.00	52.38	Vertical
3	7668	42.78	-45.01	36.60	-60.89	-13.00	47.89	Vertical
4	9002.25	41.02	-43.16	37.60	-59.80	-13.00	46.80	Vertical
5	13437.75	37.94	-39.18	39.61	-56.89	-13.00	43.89	Vertical
6	14748.75	36.95	-36.76	40.30	-54.77	-13.00	41.77	Vertical



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**Test Band = NSA 5A\_N2A\_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	4168.5	45.20	-48.27	29.70	-68.62	-13.00	55.62	Horizontal
2	5774.25	44.62	-47.61	32.75	-65.49	-13.00	52.49	Horizontal
3	6952.5	44.01	-46.66	35.50	-62.42	-13.00	49.42	Horizontal
4	9309.75	41.00	-42.90	37.88	-59.28	-13.00	46.28	Horizontal
5	13205.25	37.63	-38.72	39.07	-57.28	-13.00	44.28	Horizontal
6	14826	37.21	-36.99	40.24	-54.80	-13.00	41.80	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4446.75	45.17	-48.05	30.20	-67.94	-13.00	54.94	Vertical
2	5604	45.41	-47.69	32.72	-64.82	-13.00	51.82	Vertical
3	7617.75	42.95	-44.68	36.66	-60.33	-13.00	47.33	Vertical
4	10136.25	40.07	-41.97	38.62	-58.54	-13.00	45.54	Vertical
5	12666.75	38.15	-39.18	38.80	-57.49	-13.00	44.49	Vertical
6	14786.25	36.97	-36.83	40.27	-54.85	-13.00	41.85	Vertical



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**Test Band = NSA 13A\_N2A\_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	4323	44.86	-47.86	29.98	-68.27	-13.00	55.27	Horizontal
2	5469	45.46	-47.64	32.63	-64.82	-13.00	51.82	Horizontal
3	7400.25	44.47	-46.17	36.56	-60.40	-13.00	47.40	Horizontal
4	9000.75	41.22	-43.17	37.60	-59.61	-13.00	46.61	Horizontal
5	11146.5	39.46	-40.35	39.37	-56.78	-13.00	43.78	Horizontal
6	14823	37.23	-36.97	40.24	-54.76	-13.00	41.76	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4188.75	44.96	-48.33	29.74	-68.89	-13.00	55.89	Vertical
2	5493	45.17	-47.62	32.68	-65.02	-13.00	52.02	Vertical
3	6823.5	44.21	-46.85	35.21	-62.69	-13.00	49.69	Vertical
4	8298	42.33	-44.54	36.62	-60.86	-13.00	47.86	Vertical
5	9998.25	40.05	-41.71	38.50	-58.42	-13.00	45.42	Vertical
6	12340.5	37.85	-39.66	39.00	-58.08	-13.00	45.08	Vertical



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**Test Band = NSA 13A\_N2A\_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	4407.75	45.31	-48.10	30.13	-67.92	-13.00	54.92	Horizontal
2	5395.5	44.75	-47.72	32.45	-65.78	-13.00	52.78	Horizontal
3	6613.5	44.48	-46.98	34.75	-63.01	-13.00	50.01	Horizontal
4	7680	43.55	-45.08	36.58	-60.21	-13.00	47.21	Horizontal
5	9886.5	40.28	-42.12	38.40	-58.70	-13.00	45.70	Horizontal
6	14812.5	37.05	-36.92	40.25	-54.88	-13.00	41.88	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4107.75	44.84	-48.08	29.59	-68.91	-13.00	55.91	Vertical
2	5930.25	44.69	-47.26	32.79	-65.04	-13.00	52.04	Vertical
3	7407	43.40	-46.17	36.58	-61.45	-13.00	48.45	Vertical
4	12111	38.35	-39.65	39.13	-57.43	-13.00	44.43	Vertical
5	14315.25	37.48	-38.44	40.65	-55.58	-13.00	42.58	Vertical
6	17975.25	36.65	-36.56	45.14	-50.03	-13.00	37.03	Vertical



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**Test Band = NSA 13A\_N2A\_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	4329.75	44.91	-47.88	29.99	-68.23	-13.00	55.23	Horizontal
2	5469	45.01	-47.64	32.63	-65.27	-13.00	52.27	Horizontal
3	7101	43.43	-45.83	35.84	-61.82	-13.00	48.82	Horizontal
4	8538	41.74	-44.16	36.95	-60.73	-13.00	47.73	Horizontal
5	11529.75	38.80	-39.97	39.29	-57.14	-13.00	44.14	Horizontal
6	14698.5	36.52	-36.70	40.34	-55.10	-13.00	42.10	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4041	45.32	-48.13	29.47	-68.60	-13.00	55.60	Vertical
2	5472.75	44.95	-47.64	32.63	-65.32	-13.00	52.32	Vertical
3	6442.5	44.78	-46.96	34.30	-63.13	-13.00	50.13	Vertical
4	7767.75	43.05	-45.01	36.48	-60.74	-13.00	47.74	Vertical
5	9542.25	40.45	-42.32	38.09	-59.04	-13.00	46.04	Vertical
6	14728.5	37.59	-36.73	40.32	-54.08	-13.00	41.08	Vertical



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**Test Band = NSA 66A\_N2A\_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	4335	45.06	-47.90	30.00	-68.09	-13.00	55.09	Horizontal
2	5772.75	44.95	-47.61	32.75	-65.16	-13.00	52.16	Horizontal
3	6631.5	44.26	-46.89	34.79	-63.10	-13.00	50.10	Horizontal
4	8525.25	41.68	-44.20	36.94	-60.85	-13.00	47.85	Horizontal
5	10868.25	38.66	-40.24	39.28	-57.55	-13.00	44.55	Horizontal
6	14322	37.10	-38.46	40.64	-55.97	-13.00	42.97	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4386	44.76	-48.06	30.09	-68.47	-13.00	55.47	Vertical
2	5409	44.62	-47.71	32.48	-65.87	-13.00	52.87	Vertical
3	6573.75	44.50	-47.03	34.66	-63.13	-13.00	50.13	Vertical
4	8601	41.95	-43.97	37.04	-60.24	-13.00	47.24	Vertical
5	12698.25	38.05	-39.27	38.78	-57.69	-13.00	44.69	Vertical
6	14696.25	36.66	-36.73	40.34	-54.98	-13.00	41.98	Vertical



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**Test Band = NSA 66A\_N2A\_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	4322.25	44.95	-47.85	29.98	-68.18	-13.00	55.18	Horizontal
2	5838	44.53	-47.46	32.77	-65.42	-13.00	52.42	Horizontal
3	7388.25	43.78	-46.17	36.53	-61.12	-13.00	48.12	Horizontal
4	9479.25	41.09	-42.51	38.03	-58.65	-13.00	45.65	Horizontal
5	12144	38.18	-39.71	39.11	-57.68	-13.00	44.68	Horizontal
6	14757.75	37.08	-36.78	40.29	-54.66	-13.00	41.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4581.75	45.29	-48.00	30.50	-67.47	-13.00	54.47	Vertical
2	6493.5	44.30	-46.99	34.48	-63.47	-13.00	50.47	Vertical
3	8071.5	42.55	-44.64	36.30	-61.05	-13.00	48.05	Vertical
4	9947.25	40.23	-41.92	38.45	-58.49	-13.00	45.49	Vertical
5	12647.25	37.98	-39.12	38.81	-57.59	-13.00	44.59	Vertical
6	14823.75	37.13	-36.97	40.24	-54.86	-13.00	41.86	Vertical



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

**Test Band = NSA 66A\_N2A\_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	4559.25	44.92	-47.99	30.44	-67.89	-13.00	54.89	Horizontal
2	5438.25	44.83	-47.68	32.55	-65.56	-13.00	52.56	Horizontal
3	6702.75	44.23	-46.56	34.95	-62.64	-13.00	49.64	Horizontal
4	7791	43.11	-44.94	36.45	-60.64	-13.00	47.64	Horizontal
5	9362.25	41.75	-42.99	37.93	-58.57	-13.00	45.57	Horizontal
6	14822.25	37.06	-36.97	40.24	-54.92	-13.00	41.92	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4857.75	44.77	-48.02	31.16	-67.35	-13.00	54.35	Vertical
2	6072.75	44.69	-47.41	33.05	-64.94	-13.00	51.94	Vertical
3	7829.25	43.32	-45.07	36.40	-60.60	-13.00	47.60	Vertical
4	9699.75	40.06	-42.09	38.23	-59.06	-13.00	46.06	Vertical
5	13634.25	37.81	-38.68	40.06	-56.07	-13.00	43.07	Vertical
6	16214.25	37.11	-37.75	38.35	-57.55	-13.00	44.55	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
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.100000	-0.002163	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.100000	-0.003265	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-6.300000	-0.002413	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	-2.300000	-0.000365	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	-1.400000	-0.000239	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	-4.100000	-0.001263	PASS

#### Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.200000	-0.002635	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.500000	-0.002159	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.100000	-0.001326	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-6.400000	-0.002241	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.600000	-0.002541	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.100000	-0.002691	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	1.600000	0.000526	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.900000	-0.000264	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.600000	-0.003267	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	-2.400000	-0.002341	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	3.500000	0.002264	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	-3.500000	-0.001368	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	-0.600000	-0.000241	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.500000	-0.000386	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	-0.600000	-0.000113	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	2.500000	0.001324	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	3.600000	0.001327	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	-1.900000	-0.000926	PASS

---End of Attachment---



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