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# Appendix B.17

## NR Band n5



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

### Test Result

#### Ant0:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.32	17.37	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.30	17.35	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	24.21	17.26	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	24.12	17.17	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	24.22	17.27	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	24.27	17.32	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	24.34	17.39	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	24.38	17.43	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	23.80	16.85	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	23.28	16.33	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	23.46	16.51	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	23.32	16.37	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	21.32	14.37	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	21.29	14.34	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	21.19	14.24	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.29	17.34	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.03	17.08	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	24.18	17.23	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	24.22	17.27	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.98	17.03	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	24.17	17.22	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	24.31	17.36	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	24.02	17.07	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	23.65	16.70	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	23.15	16.20	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	23.00	16.05	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	23.19	16.24	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	20.82	13.87	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	20.72	13.77	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	20.69	13.74	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.37	17.42	38.45	PASS



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N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.53	17.58	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	24.22	17.27	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	24.15	17.20	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	24.47	17.52	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.96	17.01	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.54	16.59	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.34	16.39	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	23.55	16.60	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	22.54	15.59	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	22.52	15.57	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	22.56	15.61	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	20.28	13.33	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	20.22	13.27	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	20.71	13.76	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.13	17.18	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.21	17.26	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	24.30	17.35	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	24.09	17.14	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	24.15	17.20	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	24.28	17.33	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	24.14	17.19	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	24.16	17.21	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	23.76	16.81	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	23.35	16.40	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	23.43	16.48	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	23.32	16.37	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	20.66	13.71	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	20.71	13.76	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	21.32	14.37	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.23	17.28	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.87	16.92	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	24.14	17.19	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	24.15	17.20	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.75	16.80	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	24.17	17.22	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	24.15	17.20	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.78	16.83	38.45	PASS



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N5	15	10	DFT-16QAM	M	Outer_Full	23.68	16.73	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	23.37	16.42	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	23.03	16.08	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	23.23	16.28	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	20.87	13.92	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	20.48	13.53	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	21.17	14.22	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.91	16.96	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.53	16.58	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.70	16.75	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.87	16.92	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.37	16.42	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	23.71	16.76	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	23.86	16.91	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	23.42	16.47	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	23.24	16.29	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	23.06	16.11	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	22.69	15.74	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	22.78	15.83	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	20.56	13.61	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	20.96	14.01	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	20.83	13.88	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.20	17.25	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.08	17.13	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	24.35	17.40	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	24.20	17.25	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	24.01	17.06	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	24.35	17.40	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	24.21	17.26	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	24.08	17.13	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	23.92	16.97	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	23.45	16.50	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	23.30	16.35	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	23.43	16.48	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	20.86	13.91	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	20.75	13.80	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	20.63	13.68	38.45	PASS



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N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.36	17.41	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.78	16.83	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	24.28	17.33	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	24.27	17.32	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.73	16.78	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	24.31	17.36	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	24.28	17.33	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	23.73	16.78	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	23.82	16.87	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	23.52	16.57	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	23.01	16.06	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	23.40	16.45	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	20.92	13.97	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	20.54	13.59	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	21.34	14.39	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.22	17.27	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.59	16.64	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	24.01	17.06	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	24.12	17.17	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.47	16.52	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	24.03	17.08	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	24.17	17.22	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	23.55	16.60	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	23.53	16.58	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	23.42	16.47	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	22.75	15.80	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	23.05	16.10	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	20.83	13.88	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	20.44	13.49	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	20.52	13.57	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.29	17.34	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.75	16.80	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	24.31	17.36	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	24.14	17.19	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.72	16.77	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	24.23	17.28	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	24.20	17.25	38.45	PASS



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N5	15	20	DFT-16QAM	L	Inner_1RB_Right	23.71	16.76	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	23.82	16.87	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	23.45	16.50	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	22.95	16.00	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	22.18	15.23	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	20.86	13.91	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	20.57	13.62	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	21.42	14.47	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.29	17.34	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.66	16.71	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	24.26	17.31	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	24.20	17.25	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.58	16.63	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	24.32	17.37	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	24.24	17.29	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	23.62	16.67	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	23.80	16.85	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	23.49	16.54	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	22.80	15.85	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	23.39	16.44	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	20.88	13.93	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	20.45	13.50	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	20.37	13.42	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.30	17.35	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.53	16.58	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	24.06	17.11	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	24.25	17.30	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	23.50	16.55	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	24.12	17.17	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	24.27	17.32	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.55	16.60	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	23.61	16.66	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	23.49	16.54	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	22.78	15.83	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	23.16	16.21	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	20.92	13.97	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	20.46	13.51	38.45	PASS



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N5	15	20	DFT-256QAM	H	Outer_Full	20.55	13.60	38.45	PASS
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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.70	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.46	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.51	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.17	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.67	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.35	≤13	PASS



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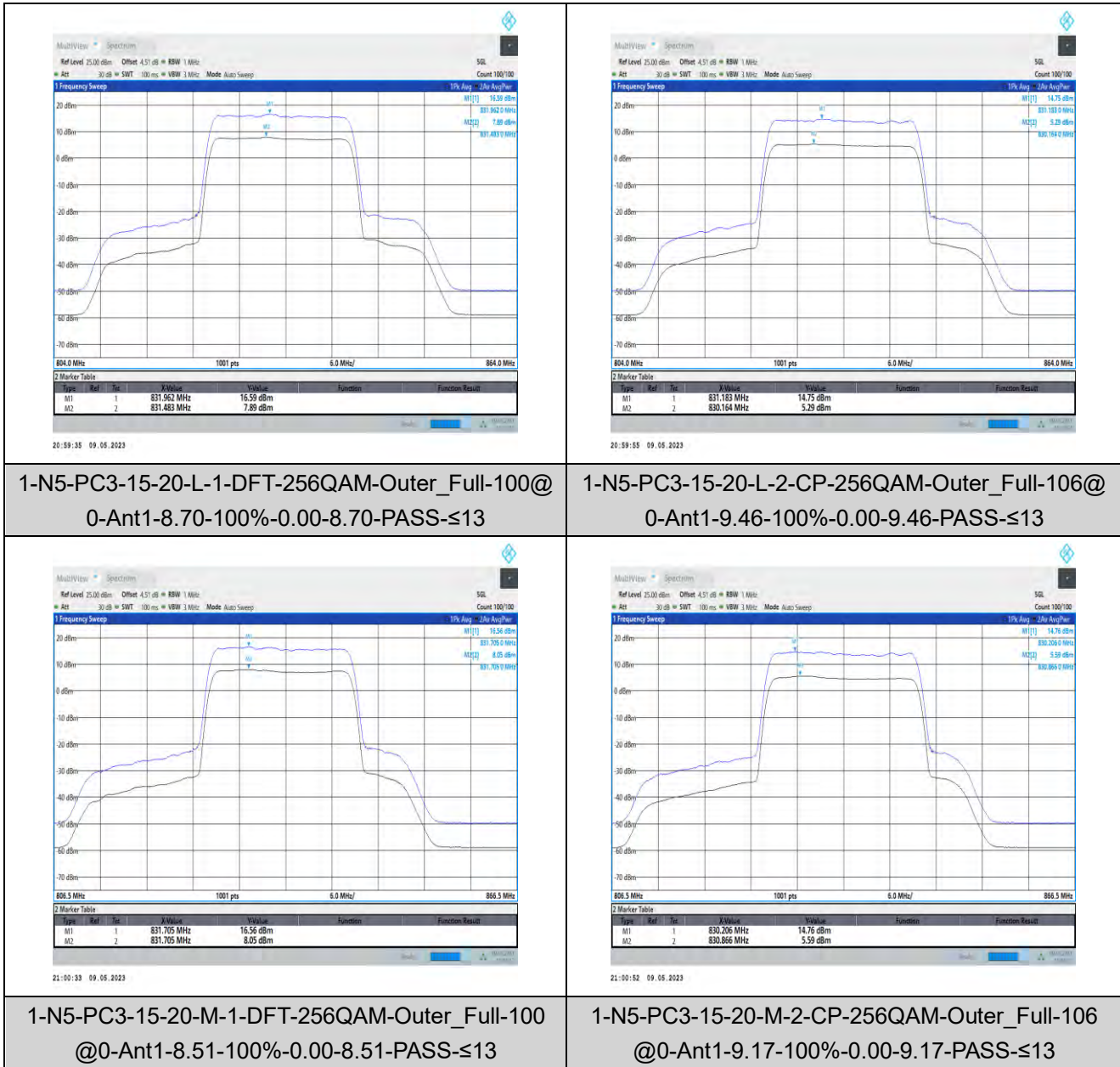
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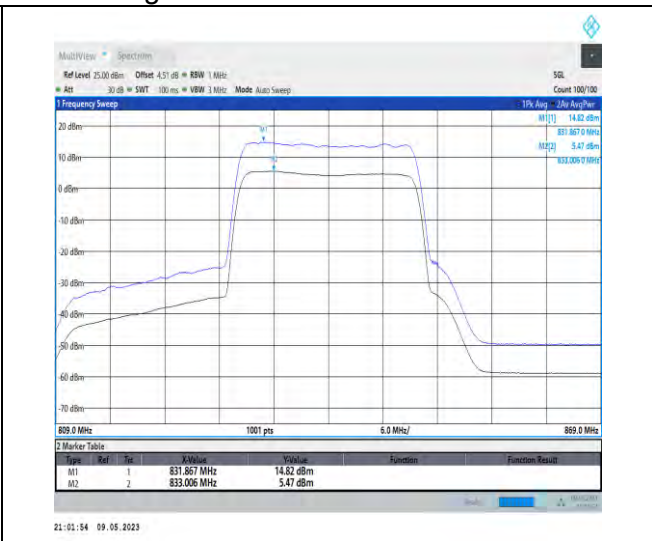
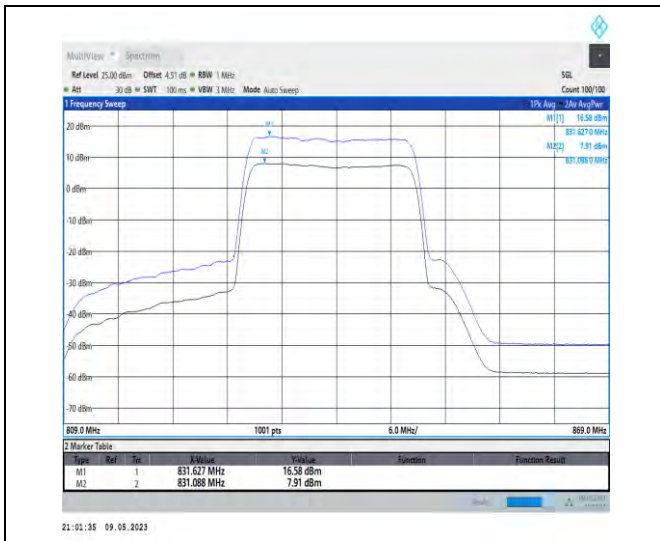
Test Graphs



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1-N5-PC3-15-20-H-1-DFT-256QAM-Outer\_Full-100  
 @0-Ant1-8.67-100%-0.00-8.67-PASS-≤13

1-N5-PC3-15-20-H-2-CP-256QAM-Outer\_Full-106@  
 0-Ant1-9.35-100%-0.00-9.35-PASS-≤13



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## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS

### Test Graphs

1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Outer\_Full-100  
@0-Ant1-see graph-PASS

1-N5-PC3-15-20-M-2-DFT-QPSK-Outer\_Full-100@  
0-Ant1-see graph-PASS

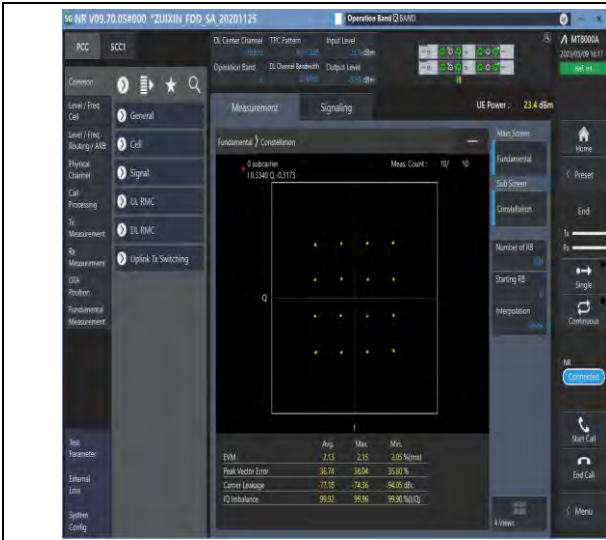


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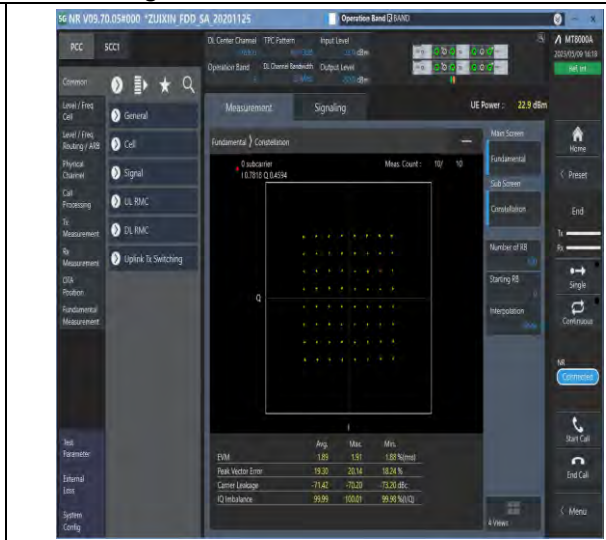
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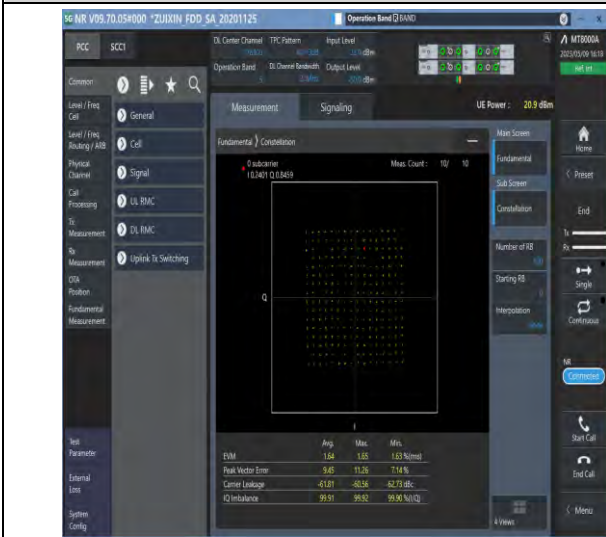
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1-N5-PC3-15-20-M-3-DFT-16QAM-Outer\_Full-100@  
@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100  
@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100  
@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-  
Ant1-see graph-PASS



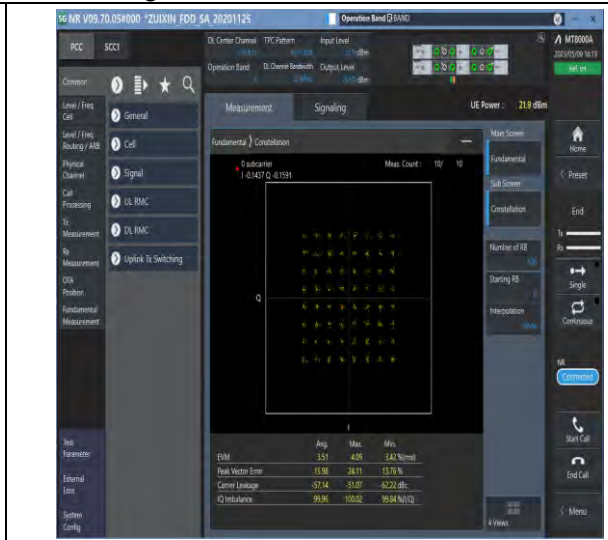
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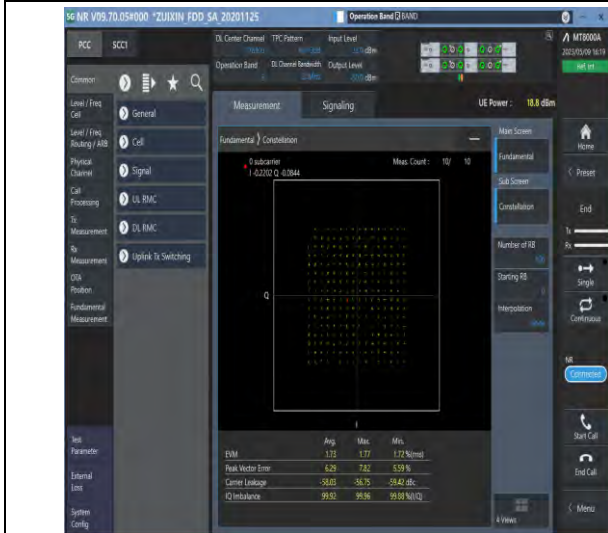
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1-N5-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.481	4.870	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.478	5.030	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.488	5.030	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.477	4.970	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.476	4.930	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.490	4.950	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.485	5.160	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.485	4.950	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.480	5.220	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.475	4.930	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.470	4.950	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.482	4.990	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.471	4.960	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.493	5.030	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.472	5.180	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.511	5.130	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.483	5.150	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.478	5.080	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.473	4.900	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.487	5.020	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.497	5.180	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.477	4.990	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.477	5.020	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.465	4.960	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.497	5.110	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.494	5.020	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.490	5.150	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.938	9.720	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.922	9.620	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.937	9.620	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	8.938	9.620	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.945	9.600	PASS



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N5	15	10	CP-QPSK	L	Outer_Full	9.280	10.140	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.274	10.040	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.275	10.060	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.302	9.920	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.946	9.560	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.928	9.640	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.942	9.760	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.956	9.660	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.929	9.580	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.268	10.100	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.290	10.060	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.291	10.000	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.303	10.040	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.910	9.620	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.901	9.660	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.960	9.660	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.913	9.480	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.929	9.500	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.284	10.060	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.275	10.020	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.265	9.880	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.296	10.060	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.425	14.460	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.441	14.370	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.445	14.460	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.400	14.310	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.455	14.310	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.120	14.970	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.129	14.970	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.148	15.090	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.125	15.000	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.441	14.310	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.426	14.220	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.480	14.430	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.417	14.370	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.432	14.310	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.137	14.760	PASS



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N5	15	15	CP-16QAM	M	Outer_Full	14.153	15.030	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.143	15.060	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.088	15.000	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.439	14.250	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.441	14.490	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.434	14.310	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.448	14.430	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.468	14.280	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.130	15.090	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.158	15.000	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.150	14.970	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.126	15.150	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.891	18.880	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.880	18.760	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.907	18.960	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.903	18.880	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.881	18.760	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.953	19.920	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.976	20.000	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.907	19.880	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.907	19.840	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.893	18.960	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.885	18.800	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.895	18.640	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.886	18.800	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.881	18.800	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.919	20.040	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.917	19.880	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.938	19.880	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.986	19.960	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.883	18.760	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.887	18.920	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.875	18.880	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.876	18.840	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.886	18.760	PASS
N5	15	20	CP-QPSK	H	Outer_Full	18.941	19.920	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.928	19.880	PASS



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N5	15	20	CP-64QAM	H	Outer_Full	18.935	19.880	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.903	19.920	PASS

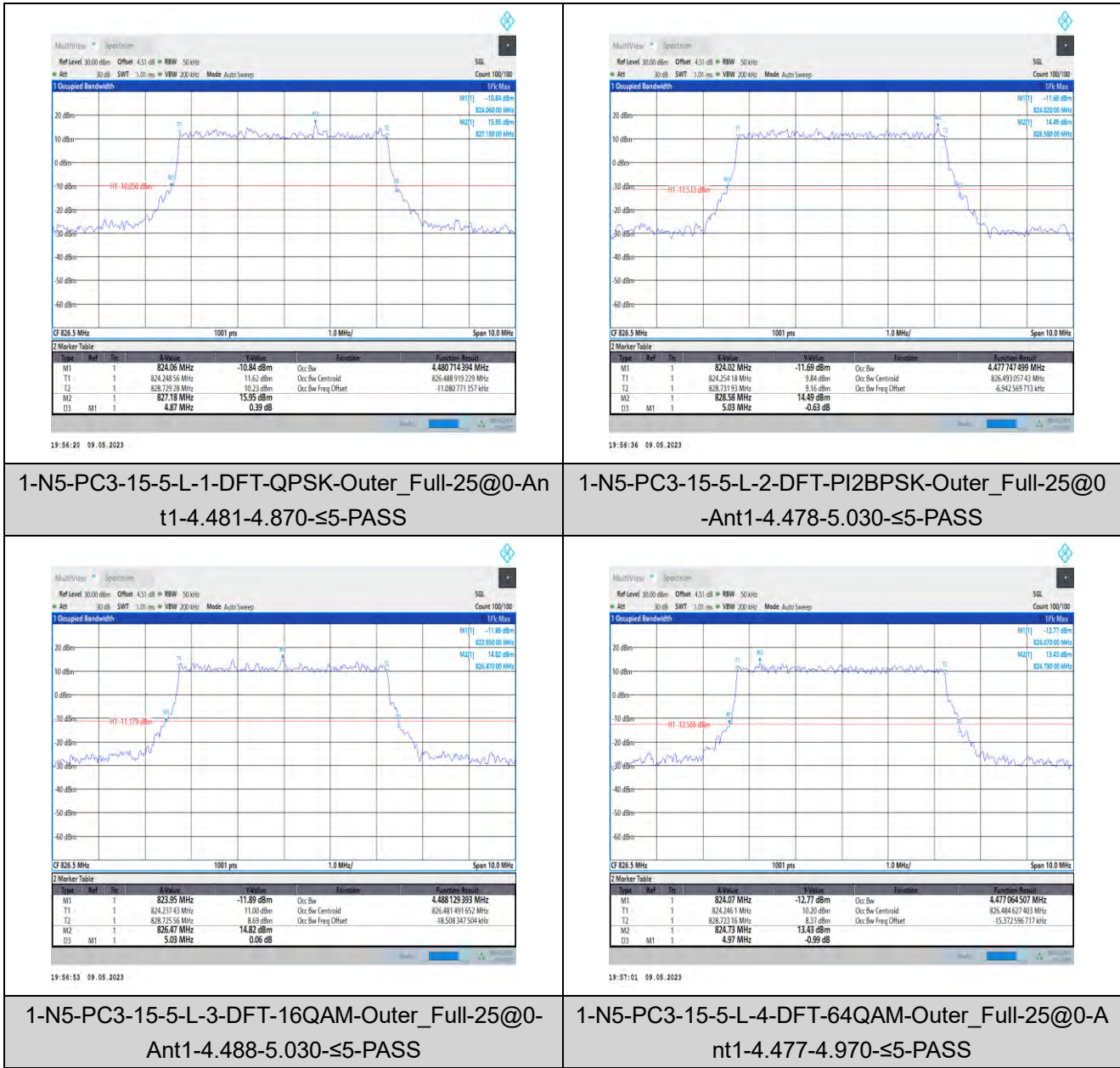


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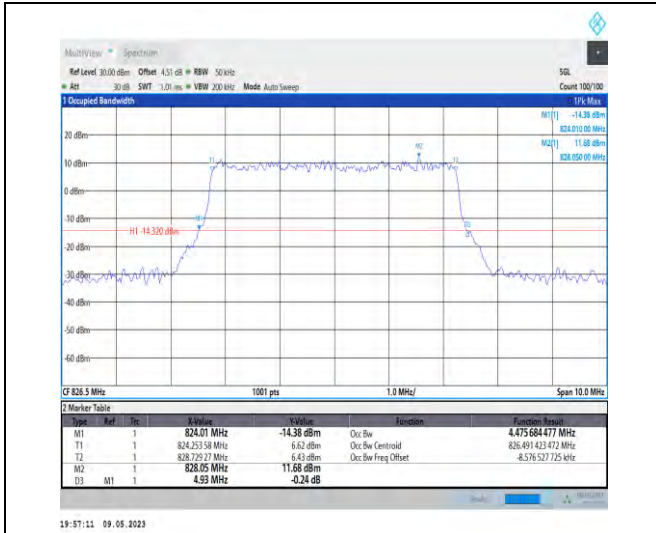
Test Graphs



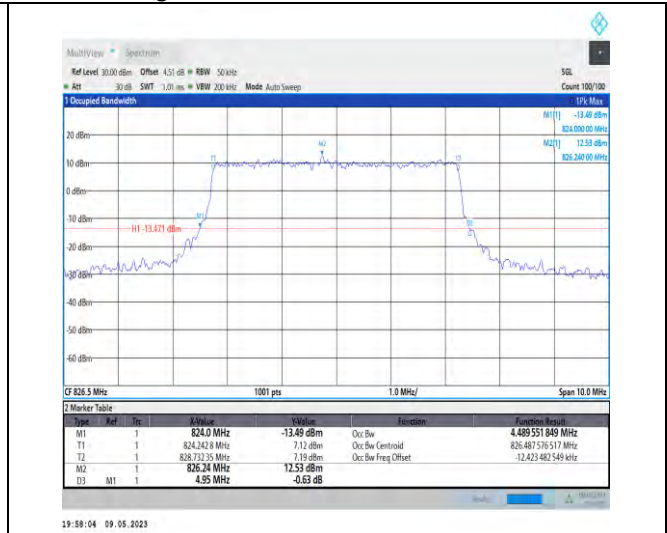
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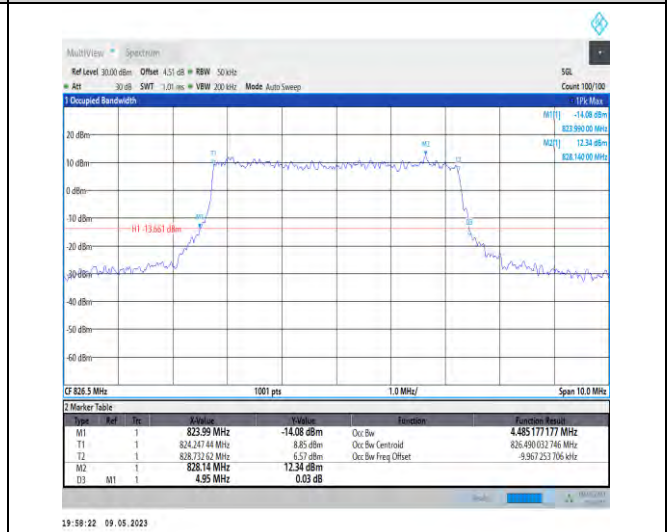
1-N5-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.476-4.930-≤5-PASS



1-N5-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.49-4.950-≤5-PASS



1-N5-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.485-5.160-≤5-PASS



1-N5-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.485-4.950-≤5-PASS



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1-N5-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.48-5.220-<math>\leq 5</math>-PASS

1-N5-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.475-4.930-<math>\leq 5</math>-PASS



1-N5-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.47-4.950-<math>\leq 5</math>-PASS

1-N5-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.482-4.990-<math>\leq 5</math>-PASS



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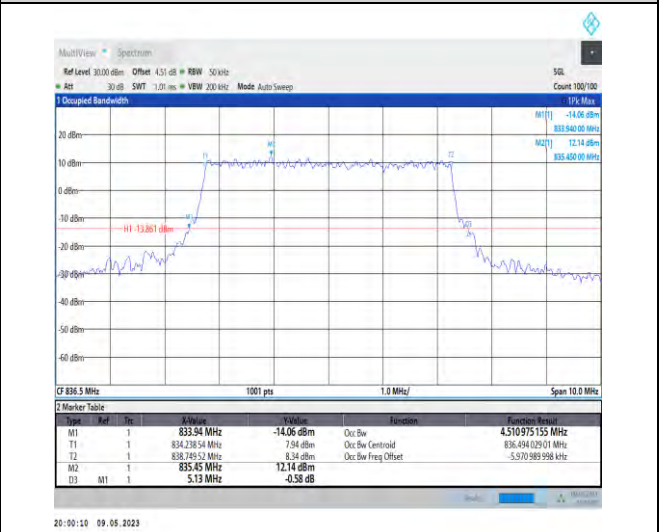
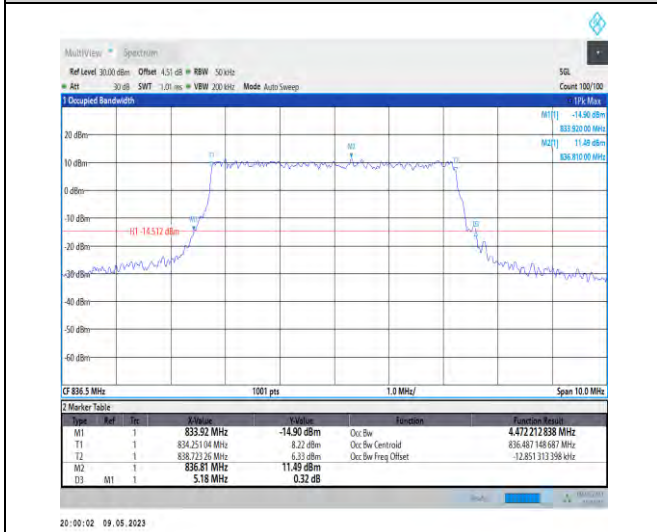
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1-N5-PC3-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.471-4.960-≤5-PASS

1-N5-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.493-5.030-≤5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.472-5.180-≤5-PASS

1-N5-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.511-5.130-≤5-PASS



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1-N5-PC3-15-5-M-8-CP-64QAM-Outer\_Full-25@0-A  
nt1-4.483-5.150-≤5-PASS



1-N5-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-  
Ant1-4.478-5.080-≤5-PASS



1-N5-PC3-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-A  
nt1-4.473-4.900-≤5-PASS



1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-  
-Ant1-4.487-5.020-≤5-PASS



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1-N5-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.497-5.180-≤5-PASS

1-N5-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.477-4.990-≤5-PASS



1-N5-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.477-5.020-≤5-PASS

1-N5-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.465-4.960-≤5-PASS



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1-N5-PC3-15-5-H-7-CP-16QAM-Outer\_Full-25@0-A  
nt1-4.497-5.110-≤5-PASS



1-N5-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-A  
nt1-4.494-5.020-≤5-PASS



1-N5-PC3-15-5-H-9-CP-256QAM-Outer\_Full-25@0-A  
Ant1-4.49-5.150-≤5-PASS



1-N5-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-A  
nt1-8.938-9.720-≤10-PASS



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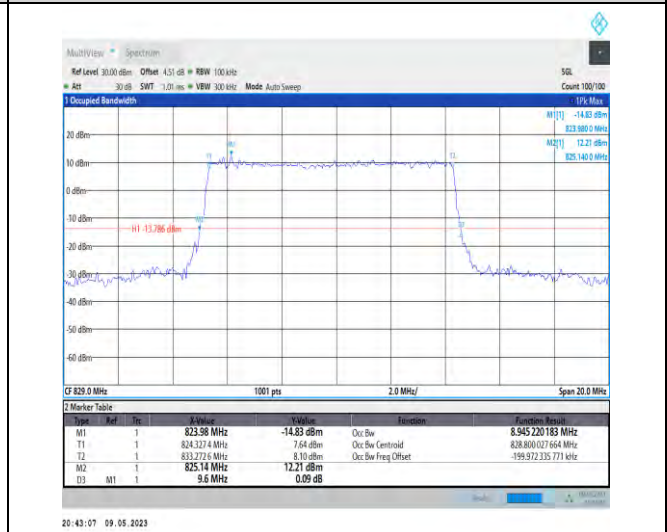
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1-N5-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.937-9.620-≤10-PASS



1-N5-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.938-9.620-≤10-PASS

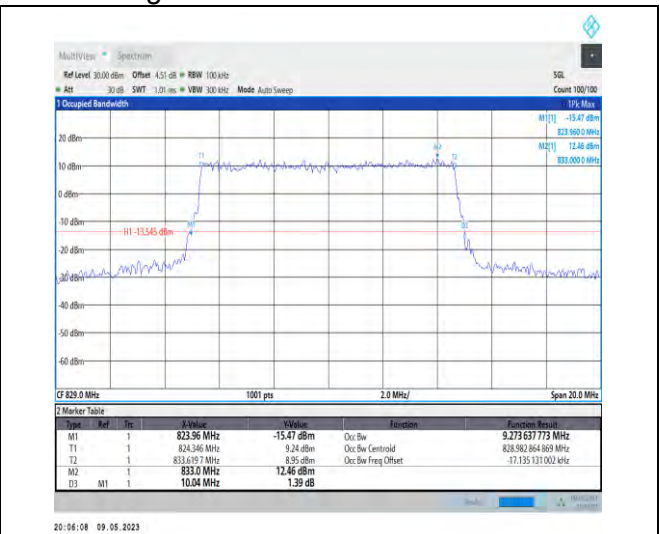
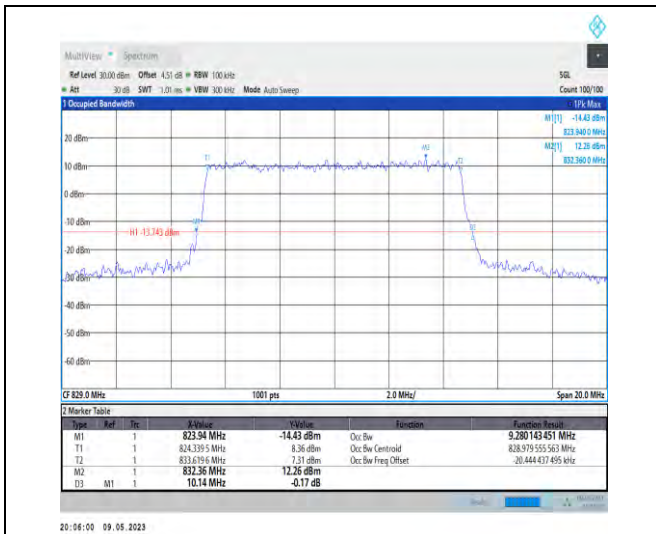


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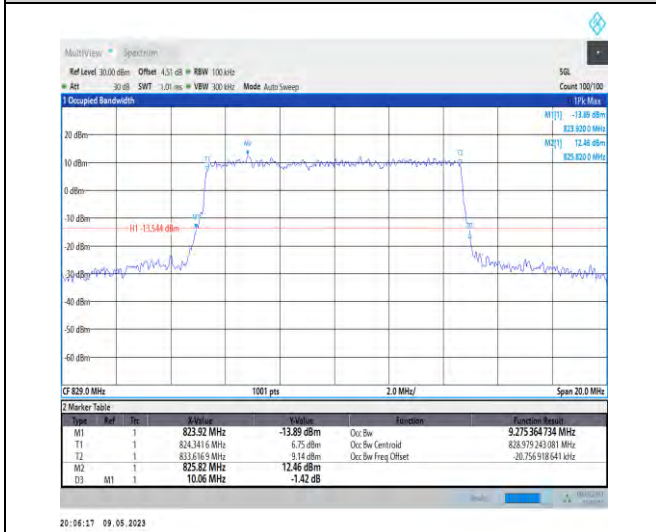
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1-N5-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A  
nt1-9.28-10.140-≤10-PASS

1-N5-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-A  
nt1-9.274-10.040-≤10-PASS



1-N5-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-A  
Ant1-9.275-10.060-≤10-PASS

1-N5-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-A  
Ant1-9.302-9.920-≤10-PASS



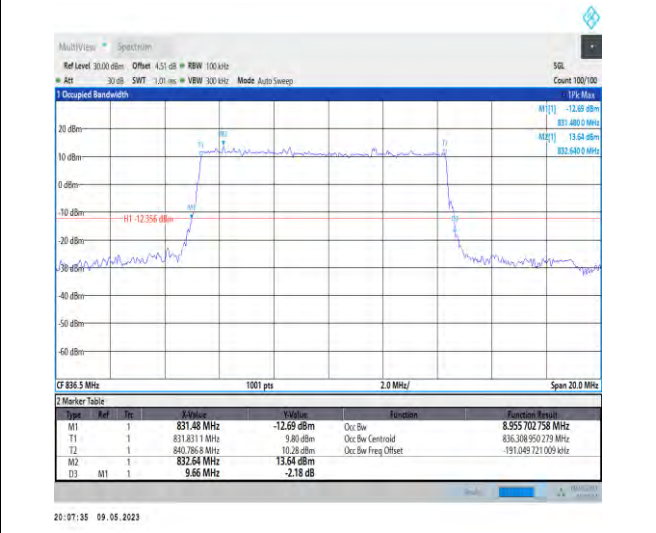
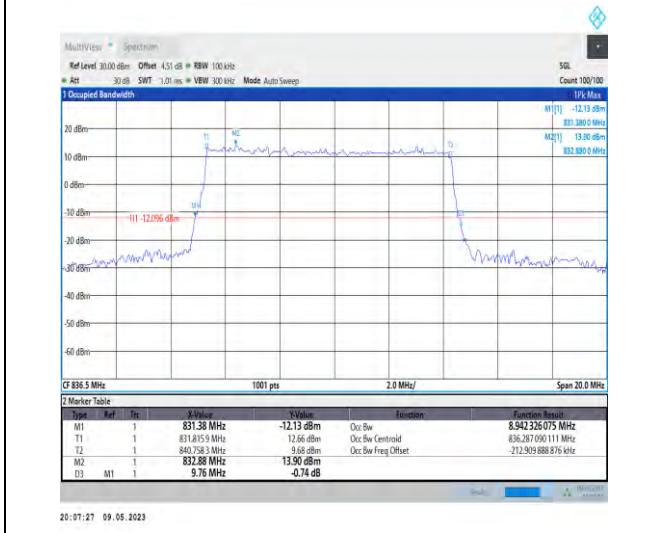
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1-N5-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.946-9.560-≤10-PASS

1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.928-9.640-≤10-PASS



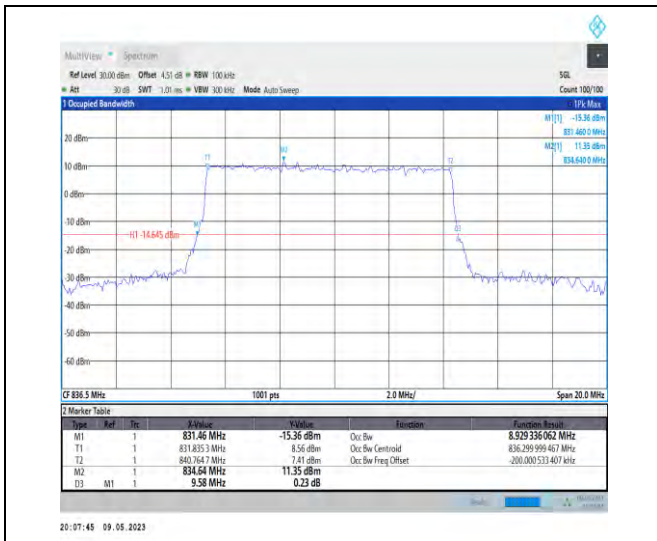
1-N5-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.942-9.760-≤10-PASS

1-N5-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.956-9.660-≤10-PASS



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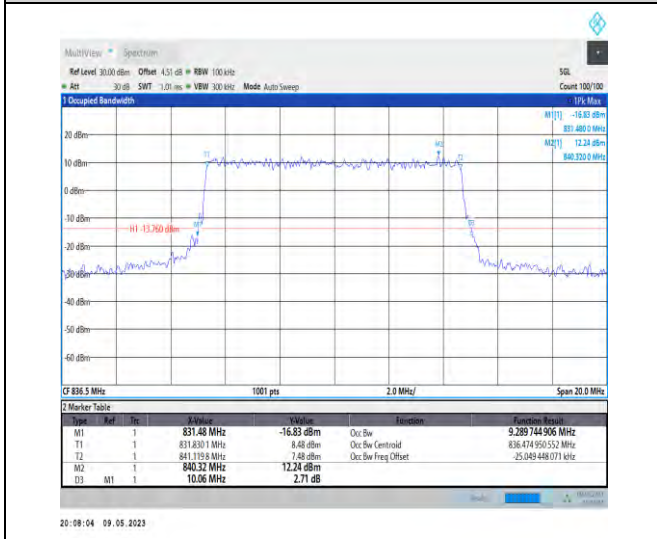
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1-N5-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.929-9.580-≤10-PASS



1-N5-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.268-10.100-≤10-PASS



1-N5-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.29-10.060-≤10-PASS



1-N5-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.291-10.000-≤10-PASS



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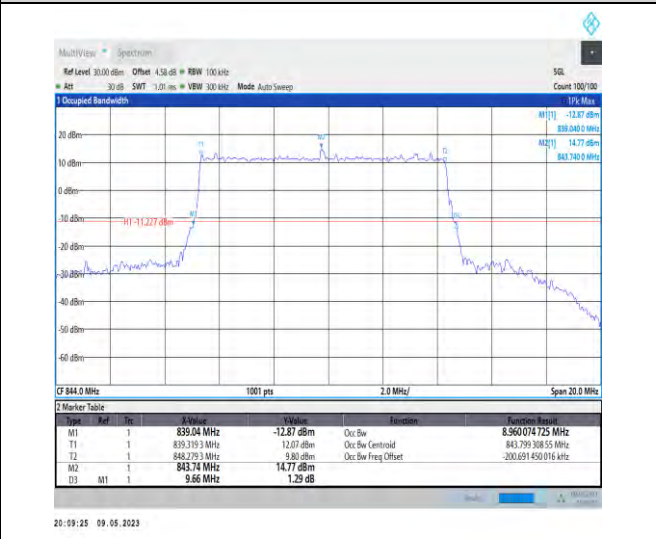
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1-N5-PC3-15-10-H-1-DFT-QPSK-Outer\_Full-50@0  
 Ant1-8.91-9.620-≤10-PASS



1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0  
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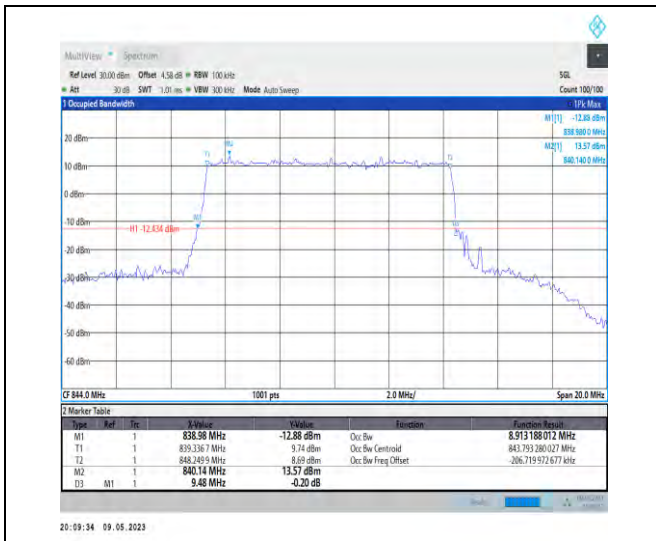


1-N5-PC3-15-10-H-3-DFT-16QAM-Outer\_Full-50@0  
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1-N5-PC3-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.929-9.500-≤10-PASS



1-N5-PC3-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.284-10.060-≤10-PASS



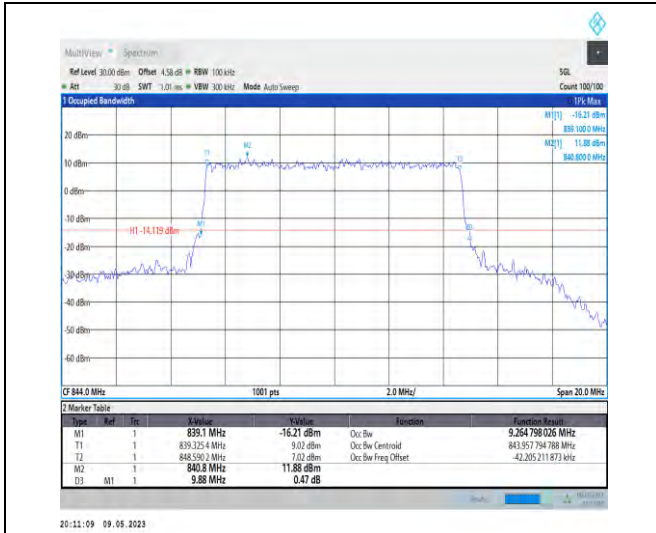
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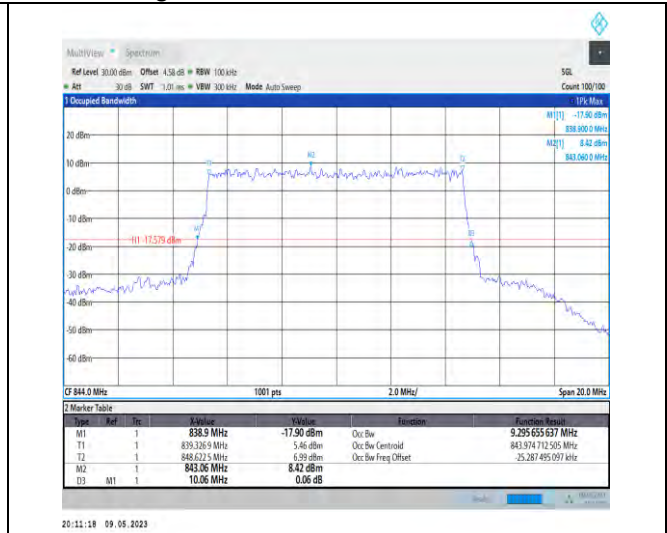
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1-N5-PC3-15-10-H-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.265-9.880-≤10-PASS



1-N5-PC3-15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.296-10.060-≤10-PASS



1-N5-PC3-15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.425-14.460-≤15-PASS



1-N5-PC3-15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.441-14.370-≤15-PASS



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1-N5-PC3-15-15-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.4-14.310-≤15-PASS



1-N5-PC3-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.455-14.310-≤15-PASS



1-N5-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.12-14.970-≤15-PASS



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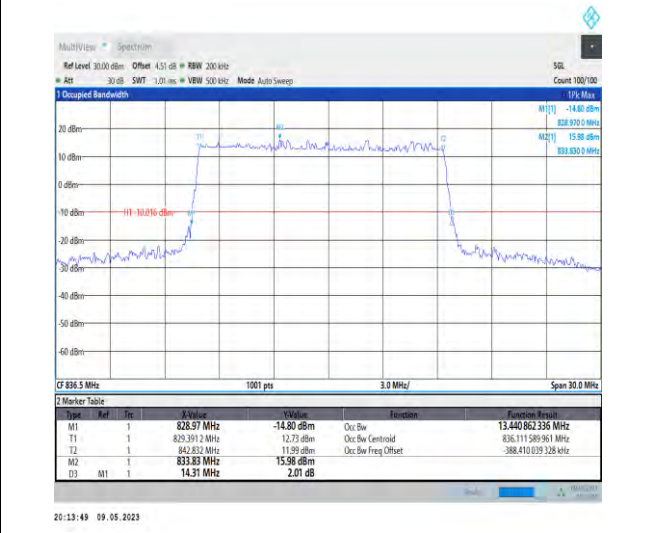
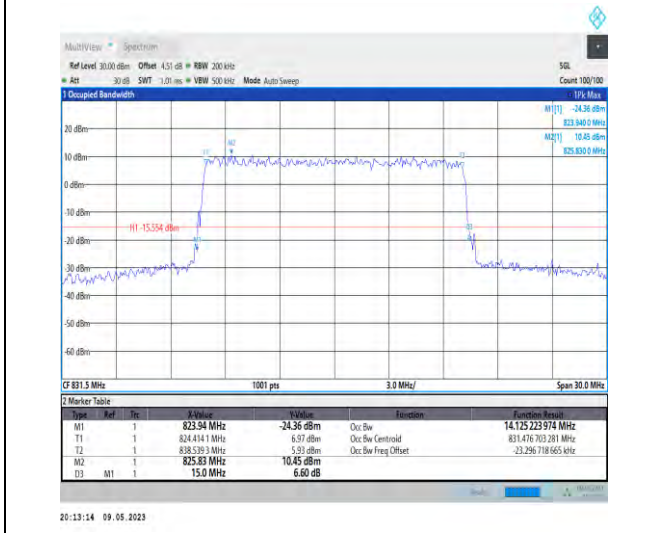
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1-N5-PC3-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.129-14.970-≤15-PASS

1-N5-PC3-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.148-15.090-≤15-PASS



1-N5-PC3-15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.125-15.000-≤15-PASS

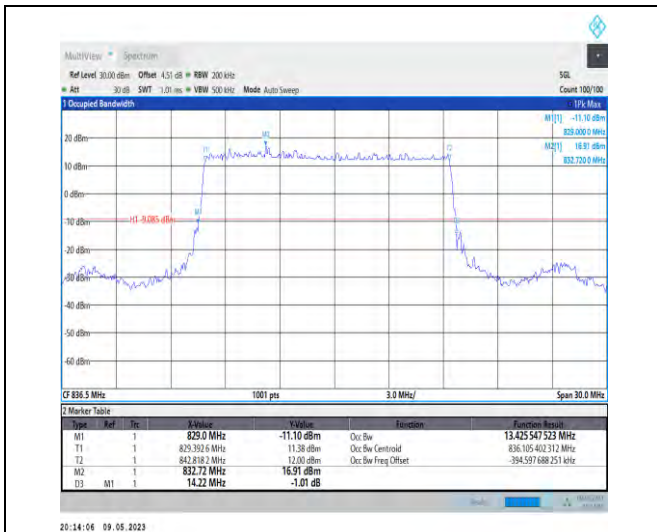
1-N5-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.441-14.310-≤15-PASS



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1-N5-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-13.426-14.220-≤15-PASS

1-N5-PC3-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.48-14.430-≤15-PASS



1-N5-PC3-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.417-14.370-≤15-PASS

1-N5-PC3-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.432-14.310-≤15-PASS



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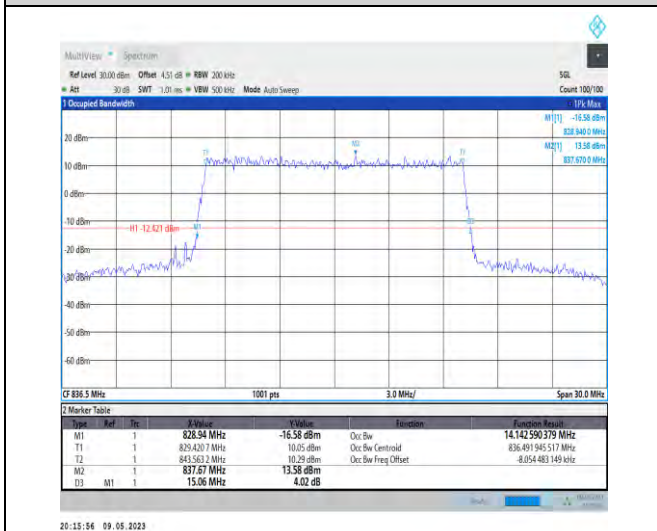
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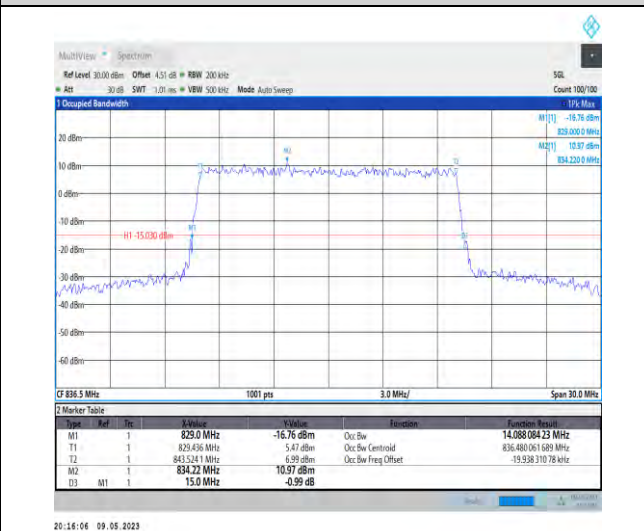
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 Ant1-14.137-14.760-≤15-PASS



1-N5-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-  
 Ant1-14.153-15.030-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer\_Full-79@0-  
 Ant1-14.143-15.060-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer\_Full-79@0-  
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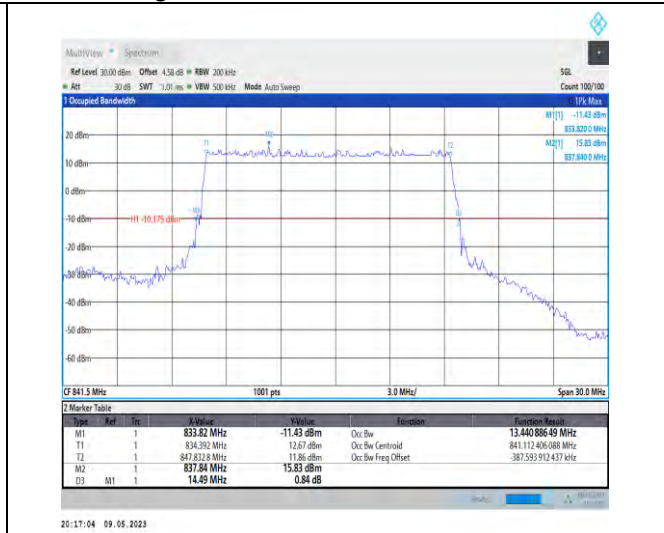


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1-N5-PC3-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.439-14.250-≤15-PASS



1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.441-14.490-≤15-PASS



1-N5-PC3-15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.434-14.310-≤15-PASS

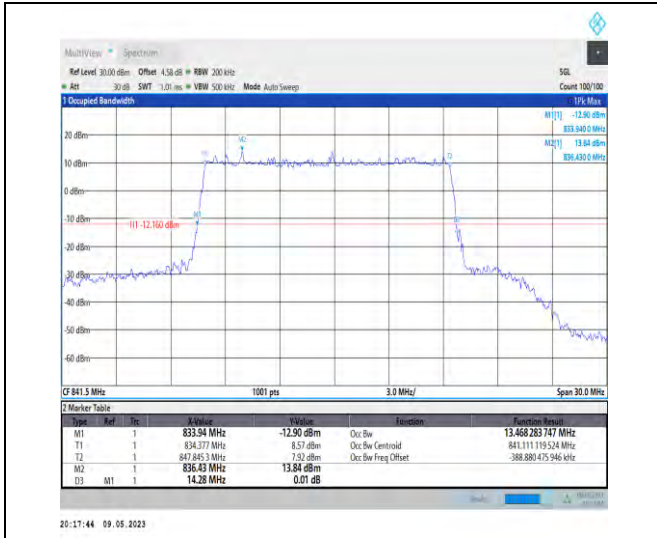


1-N5-PC3-15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.448-14.430-≤15-PASS



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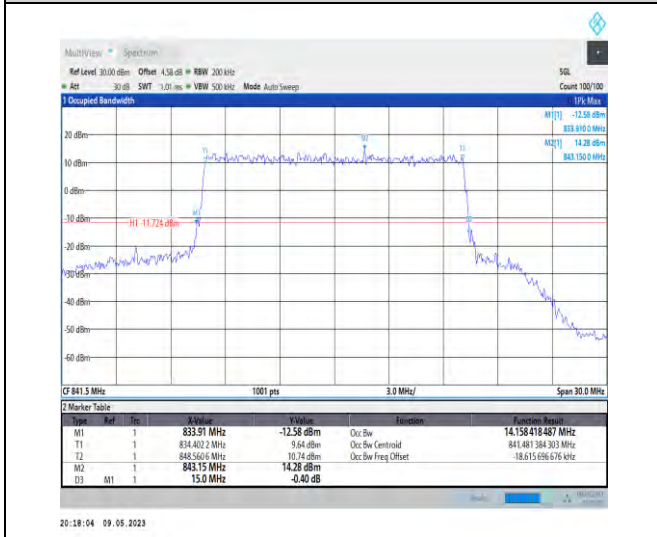
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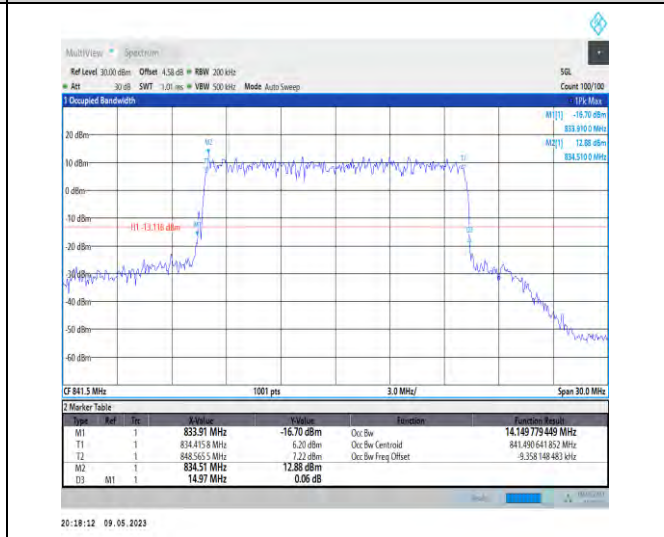
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nt1-14.13-15.090-≤15-PASS



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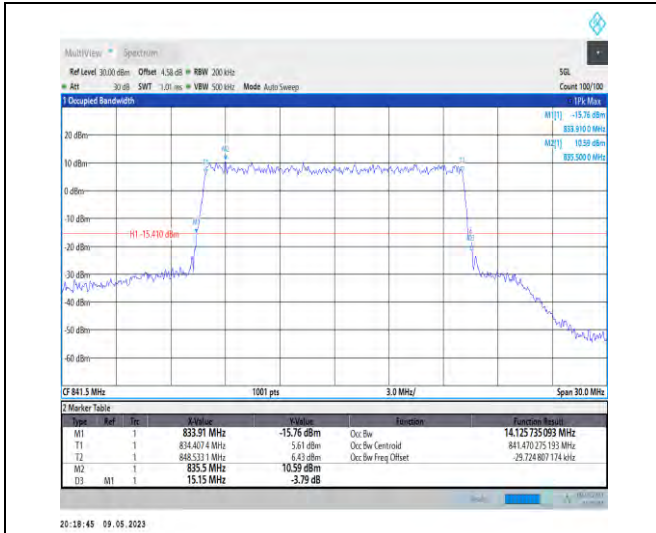


1-N5-PC3-15-15-H-8-CP-64QAM-Outer\_Full-79@0-  
Ant1-14.15-14.970-≤15-PASS



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1-N5-PC3-15-15-H-9-CP-256QAM-Outer\_Full-79@0  
-Ant1-14.126-15.150-≤15-PASS

1-N5-PC3-15-20-L-1-DFT-QPSK-Outer\_Full-100@0-  
Ant1-17.891-18.880-≤20-PASS



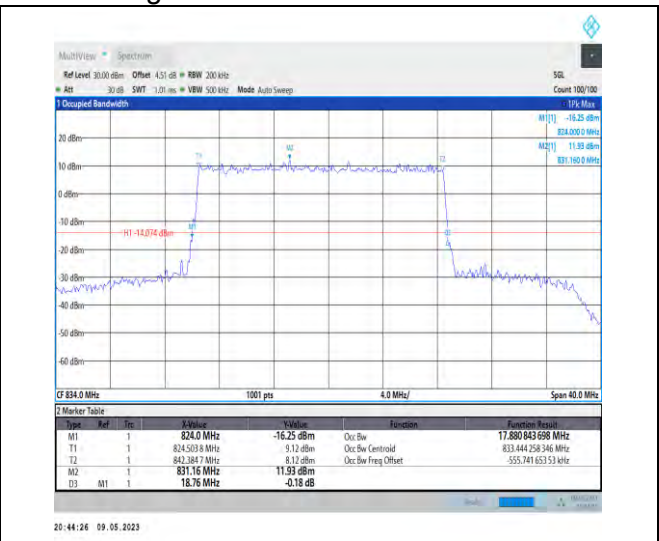
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0-Ant1-17.907-18.960-≤20-PASS



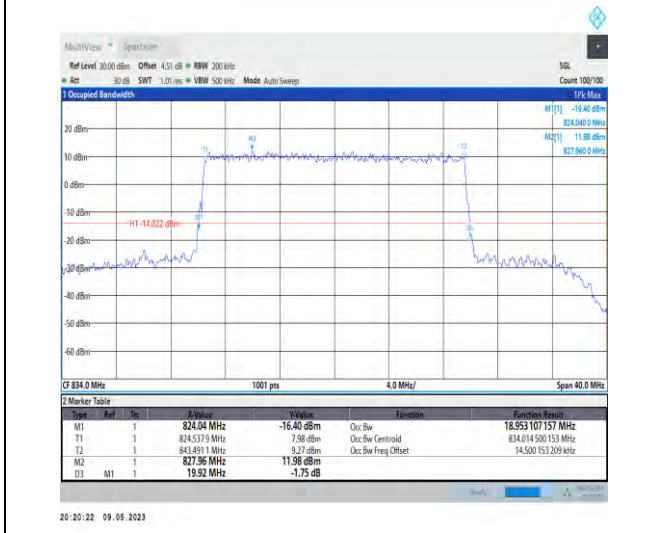
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1-N5-PC3-15-20-L-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.903-18.880-<math>\leq 20</math>-PASS

1-N5-PC3-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.881-18.760-<math>\leq 20</math>-PASS



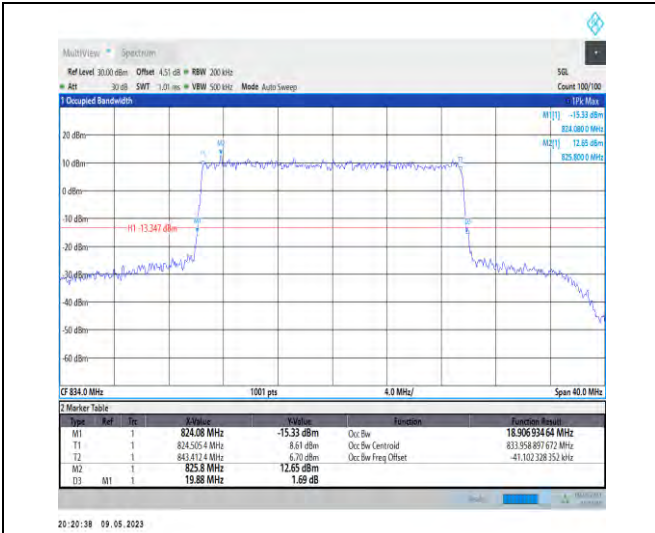
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1-N5-PC3-15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.976-20.000-<math>\leq 20</math>-PASS



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1-N5-PC3-15-20-L-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.907-19.880-<math>\leq 20</math>-PASS



1-N5-PC3-15-20-L-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.907-19.840-<math>\leq 20</math>-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.893-18.960-<math>\leq 20</math>-PASS



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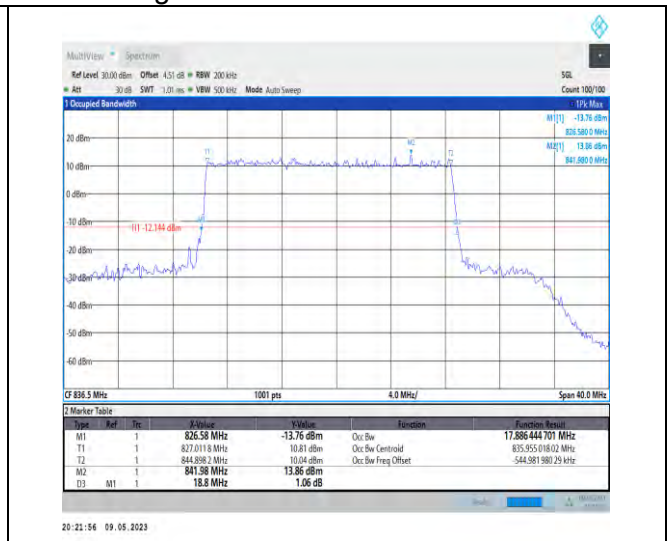
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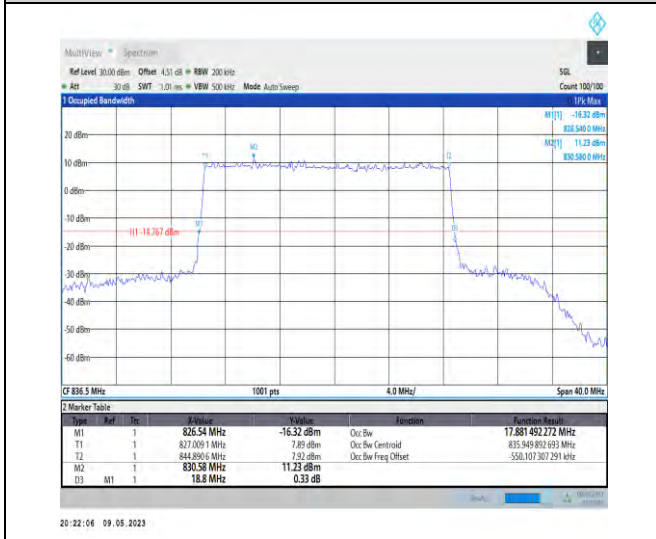




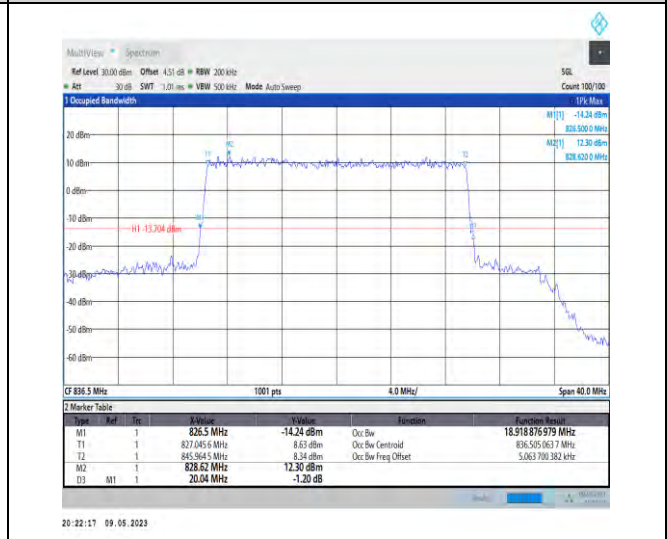
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1-N5-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.881-18.800-≤20-PASS



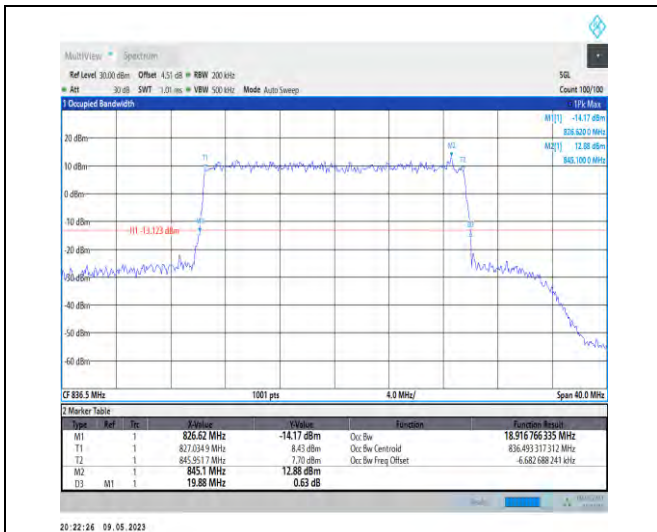
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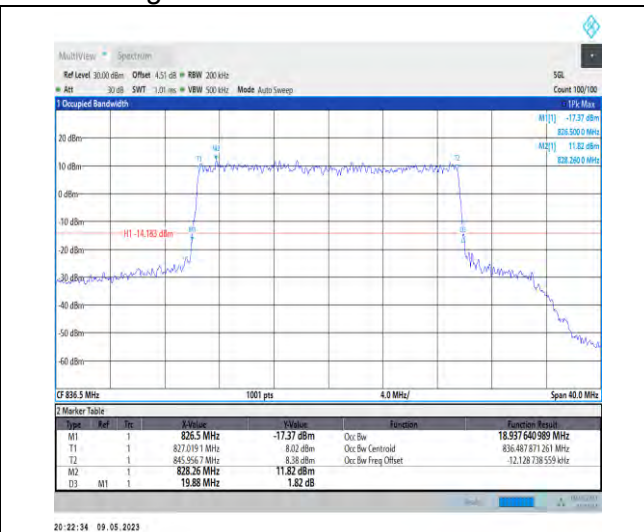
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1-N5-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0  
 -Ant1-18.917-19.880-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0  
 -Ant1-18.938-19.880-≤20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0  
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1-N5-PC3-15-20-M-1-DFT-QPSK-Outer\_Full-100@0  
 -Ant1-17.883-18.760-≤20-PASS



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1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.887-18.920-≤20-PASS

1-N5-PC3-15-20-H-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.875-18.880-≤20-PASS



1-N5-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.876-18.840-≤20-PASS

1-N5-PC3-15-20-H-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.886-18.760-≤20-PASS



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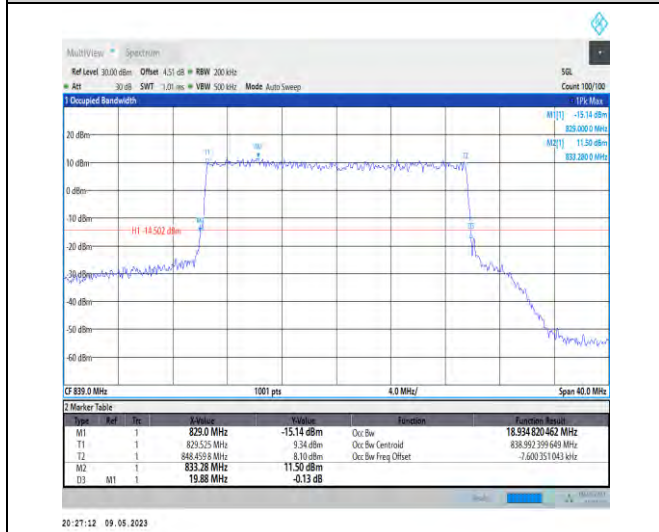
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1-N5-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.941-19.920-≤20-PASS



1-N5-PC3-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.928-19.880-≤20-PASS



1-N5-PC3-15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.935-19.880-≤20-PASS



1-N5-PC3-15-20-H-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.903-19.920-≤20-PASS

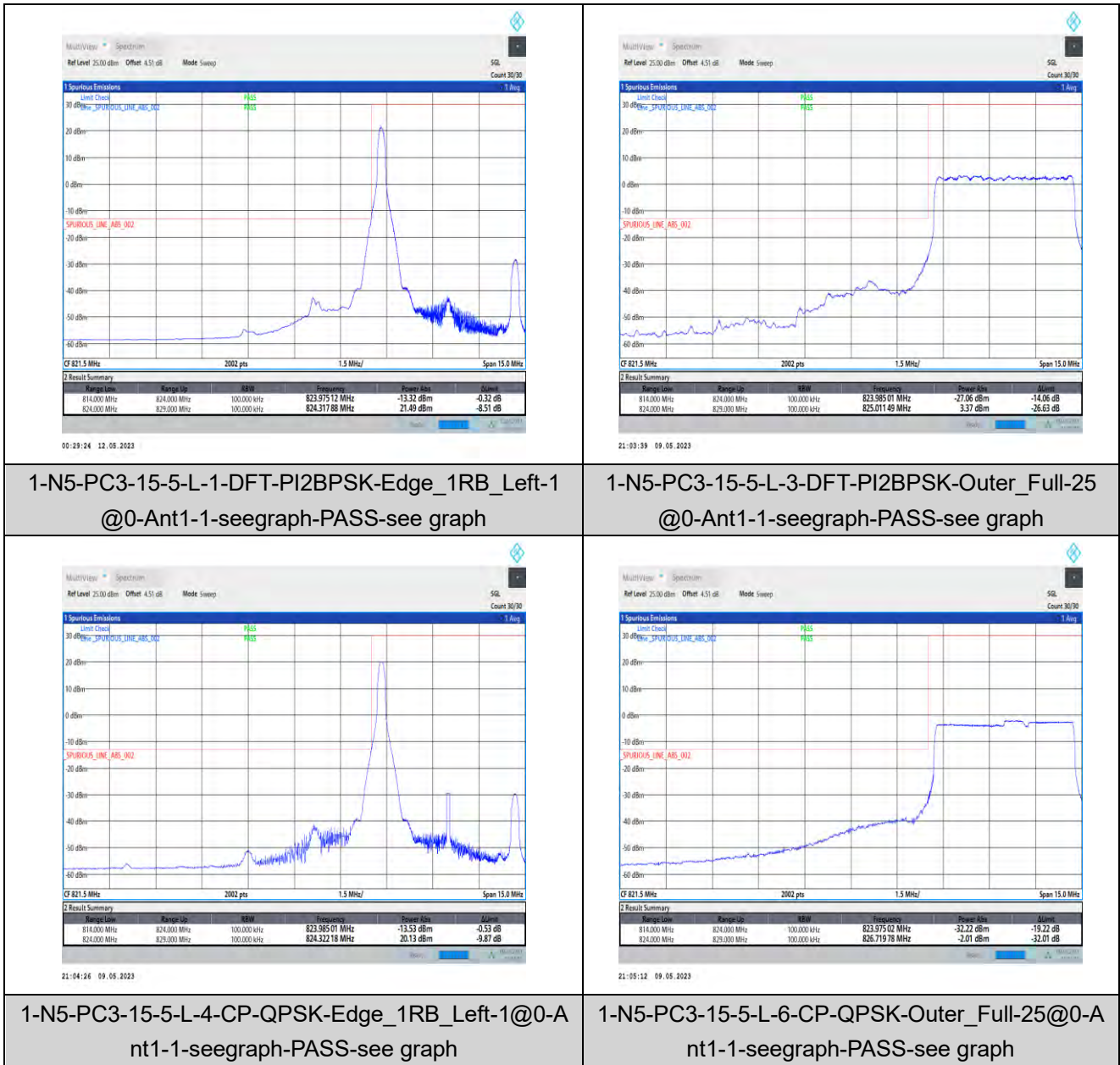


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## Band Edge for SA

### Test Graphs



1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-A nt1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-A nt1-1-seegraph-PASS-see graph



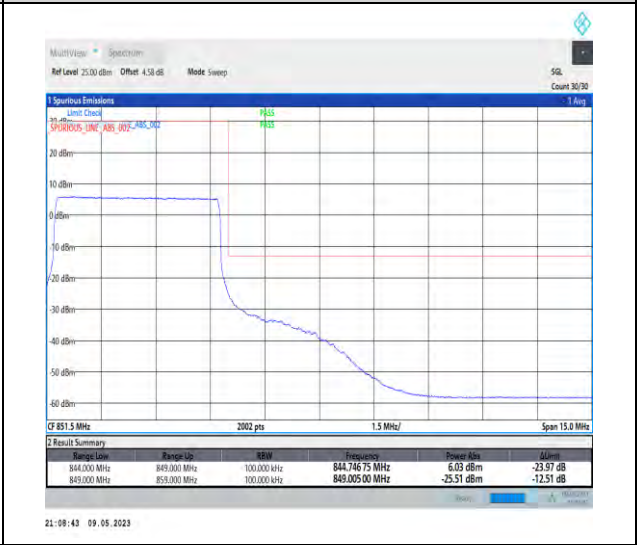
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1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1 @24-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph



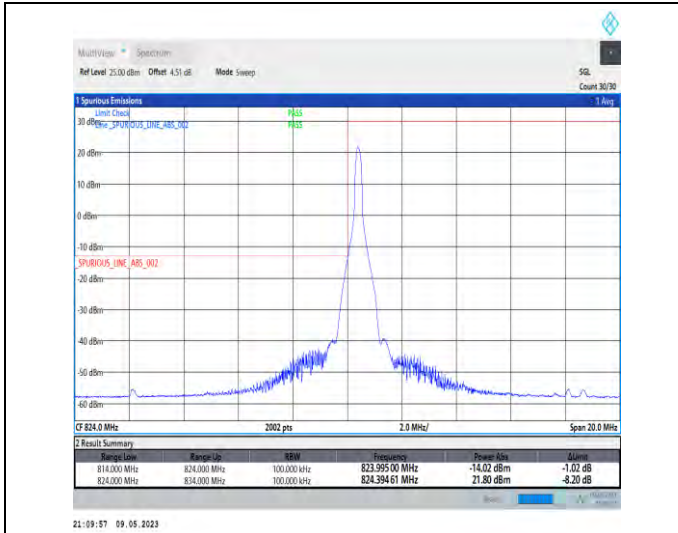
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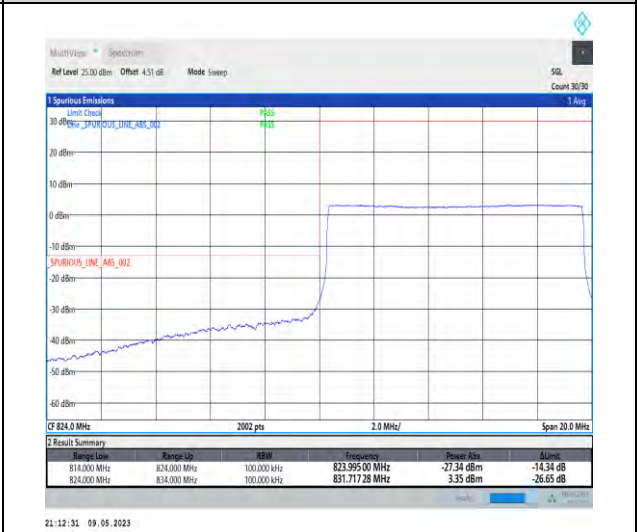
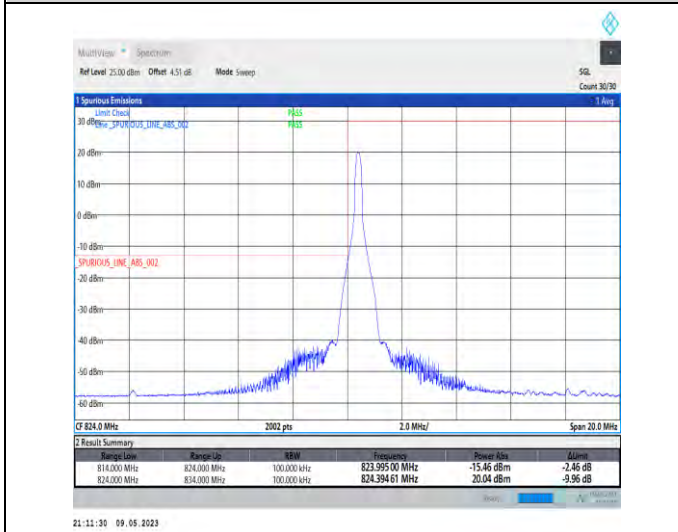
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1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50 @0-Ant1-1-seegraph-PASS-see graph



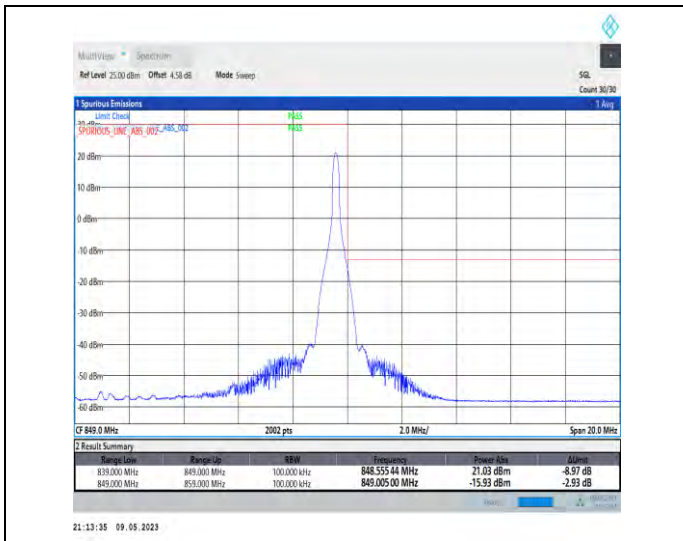
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1-N5-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1-seegraph-PASS-see graph



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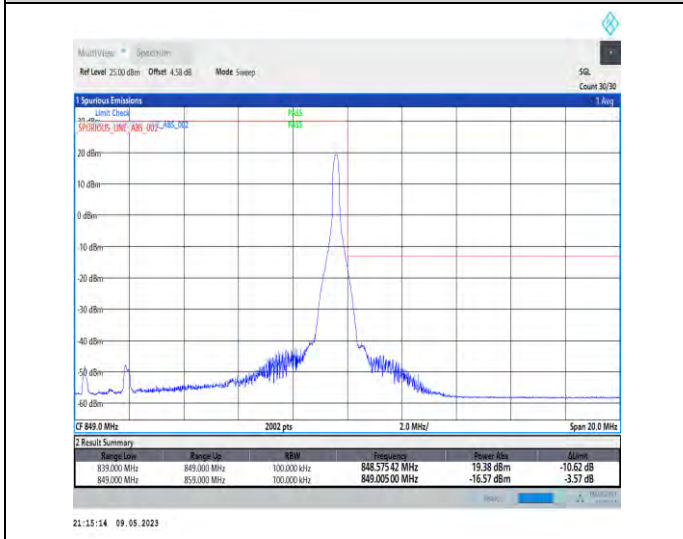
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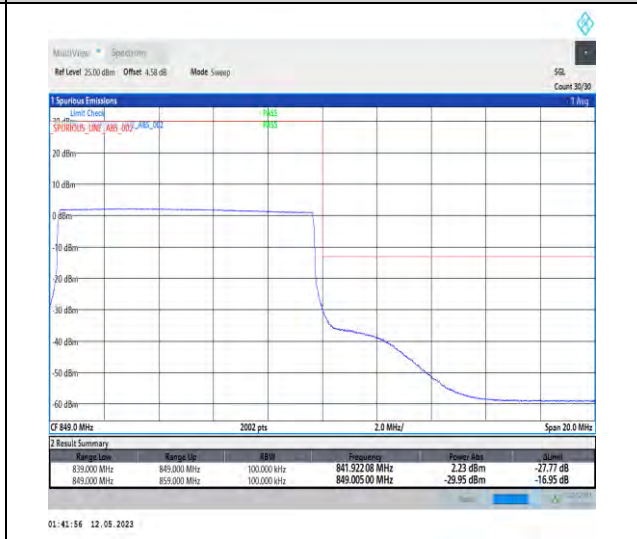
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1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph



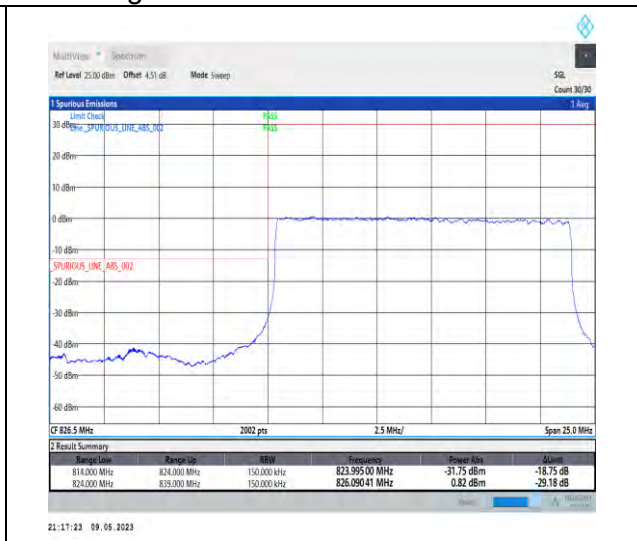
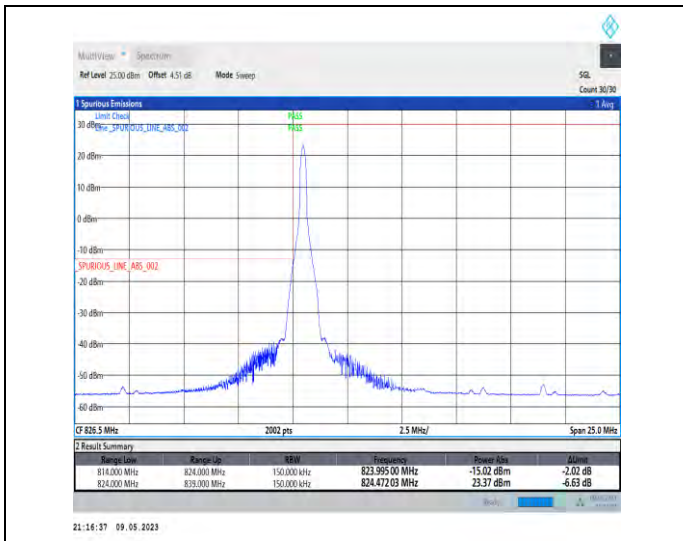
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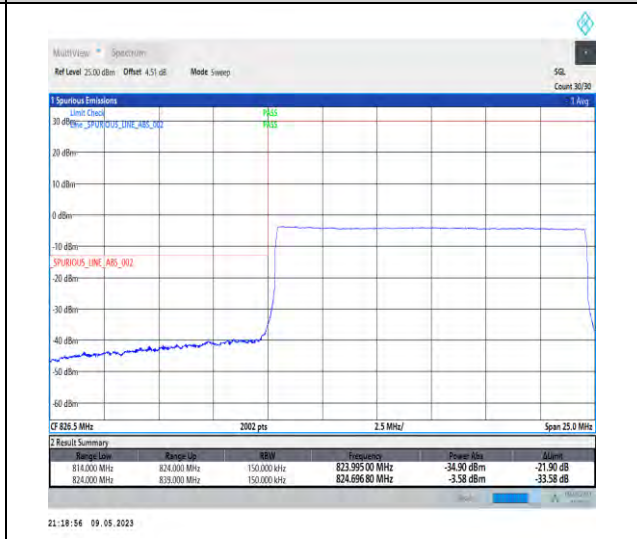
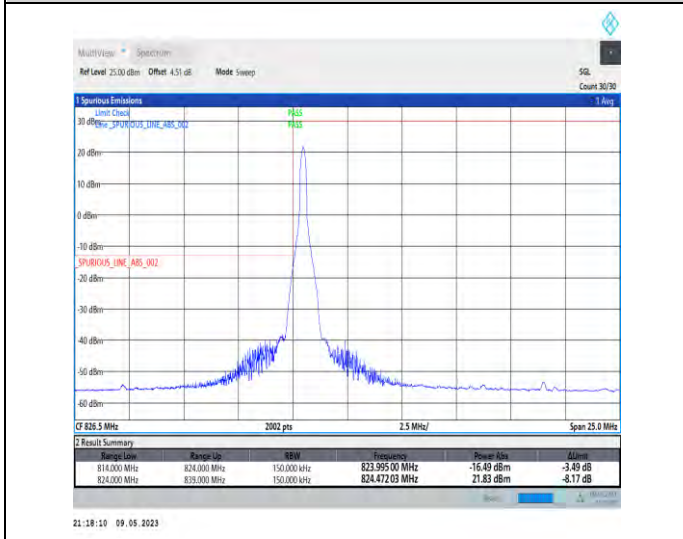
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1-N5-PC3-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-1-seegraph-PASS-see graph



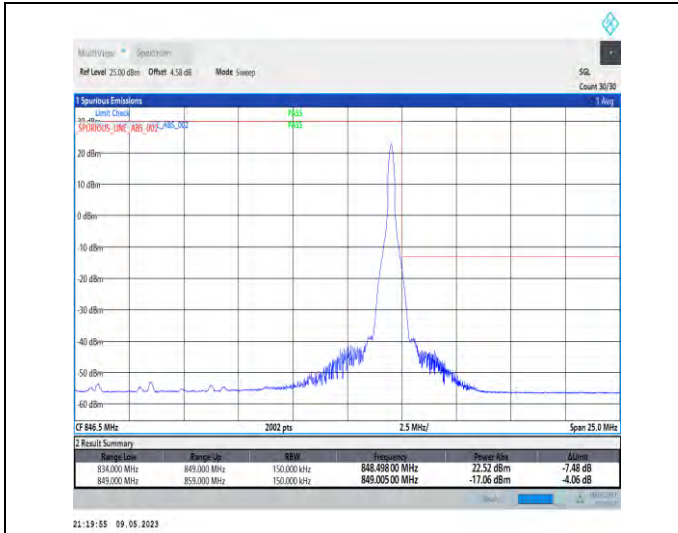
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1-N5-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-1-seegraph-PASS-see graph



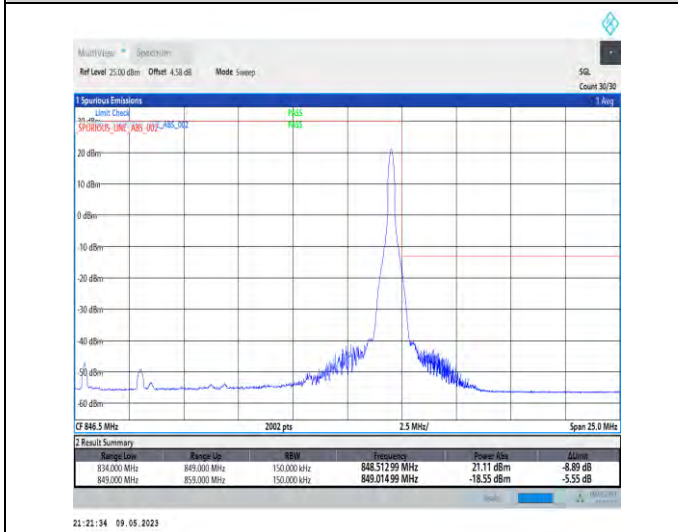
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1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-1-seegraph-PASS-see graph

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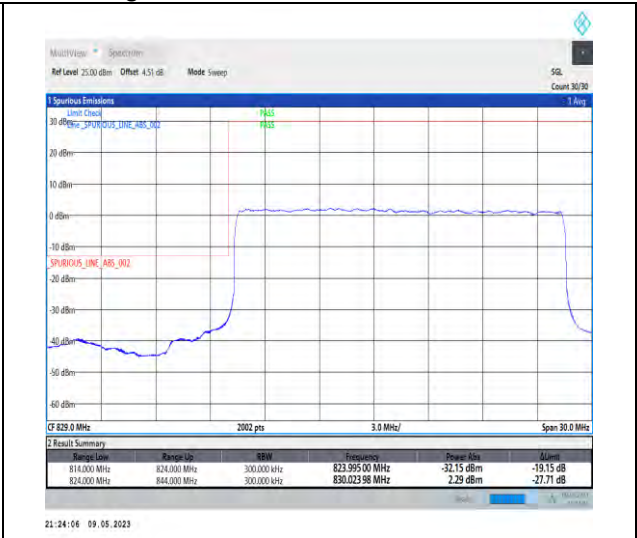
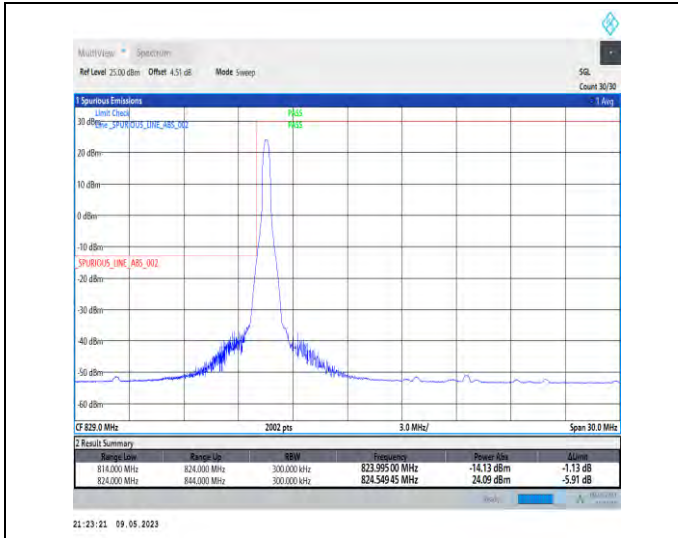
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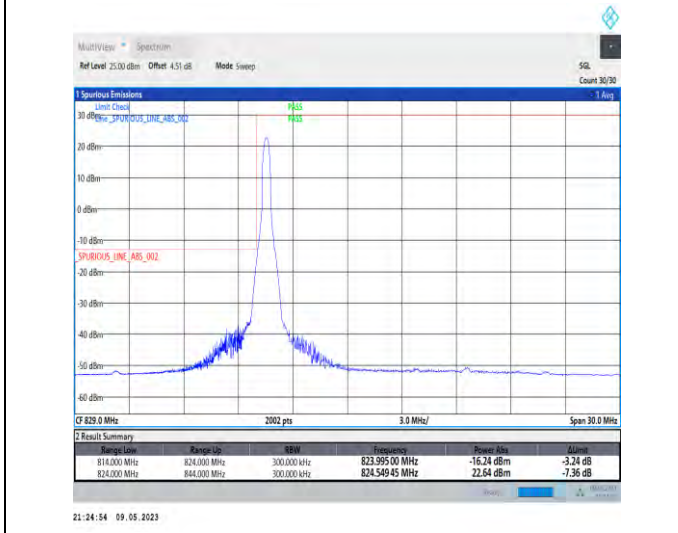
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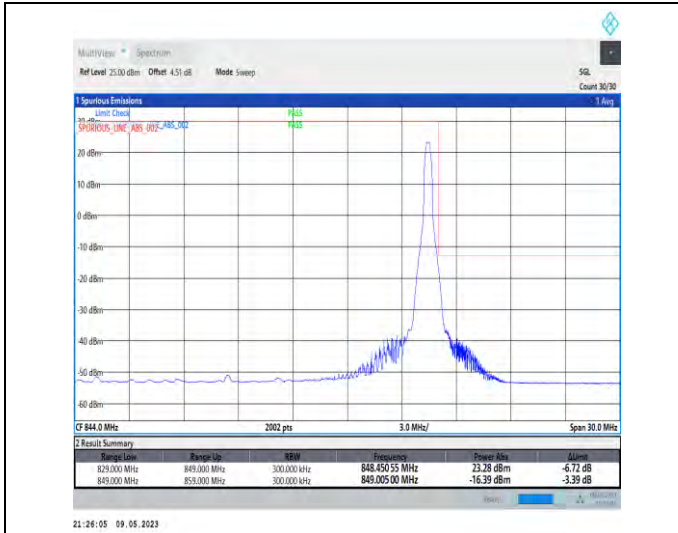
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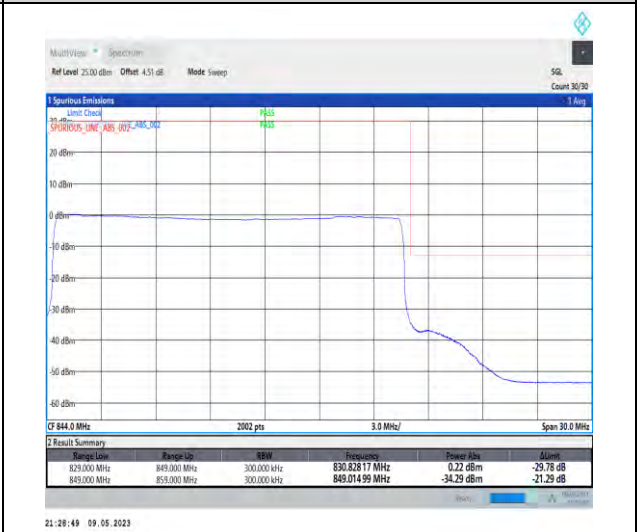
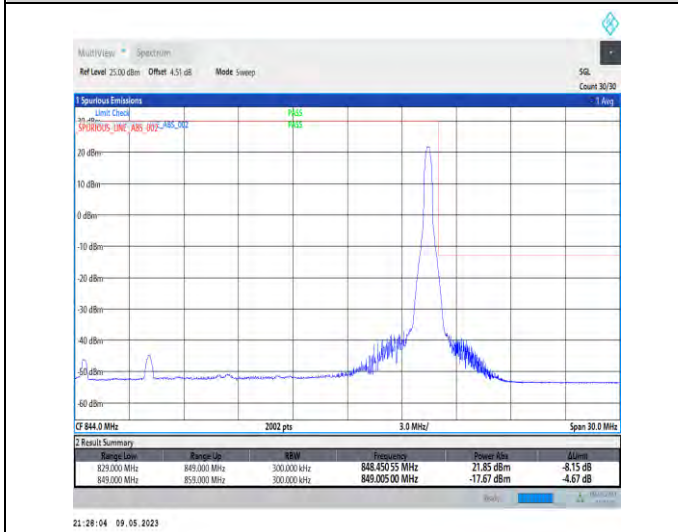
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1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph

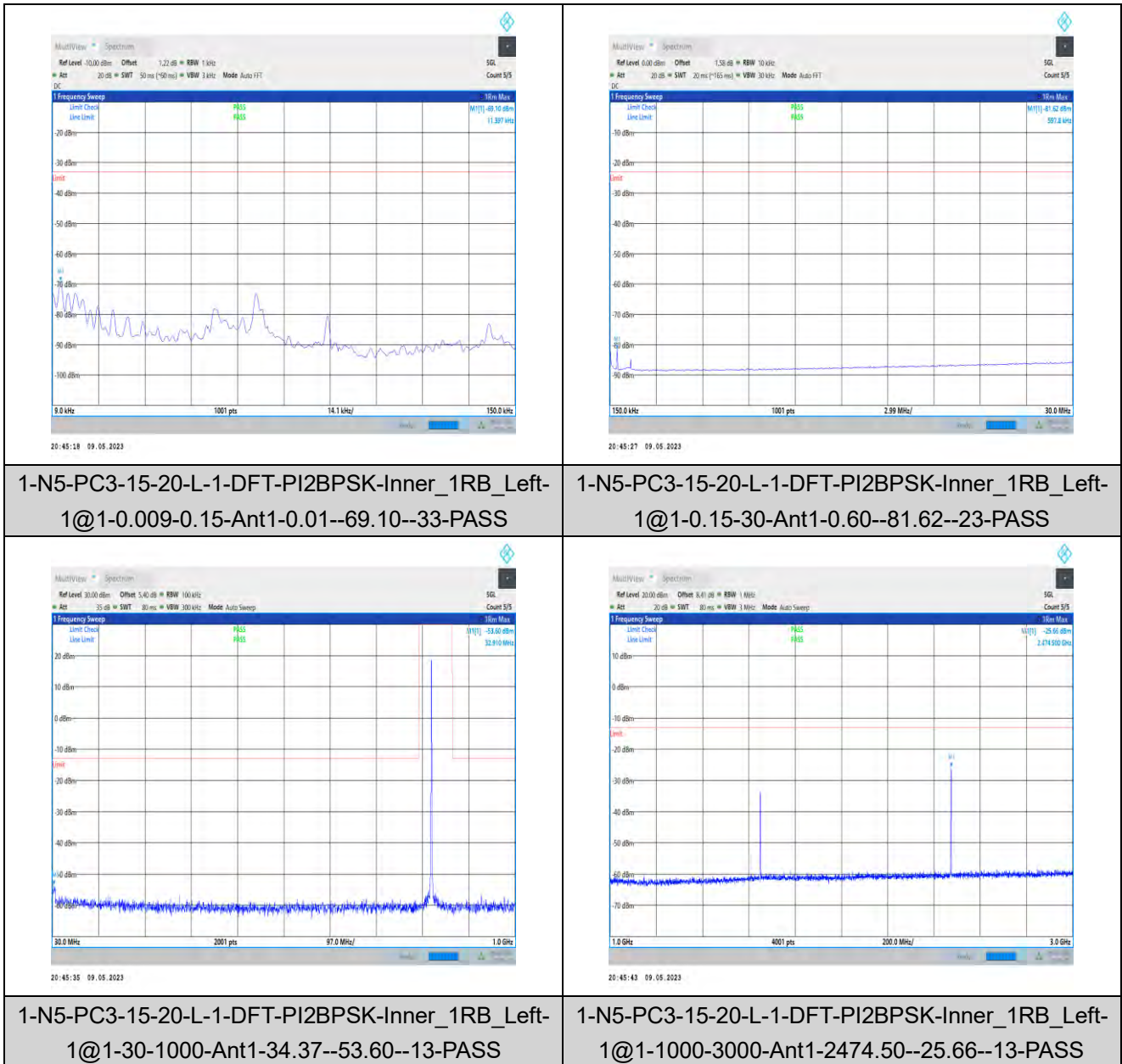


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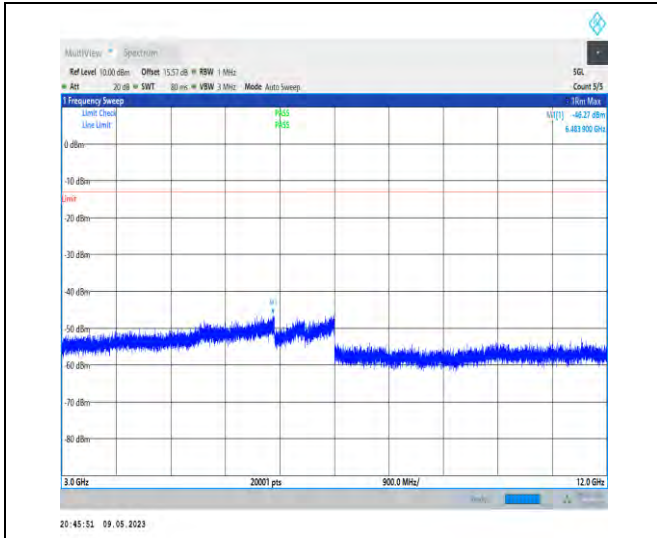
## Conducted Spurious Emission for SA

### Test Graphs

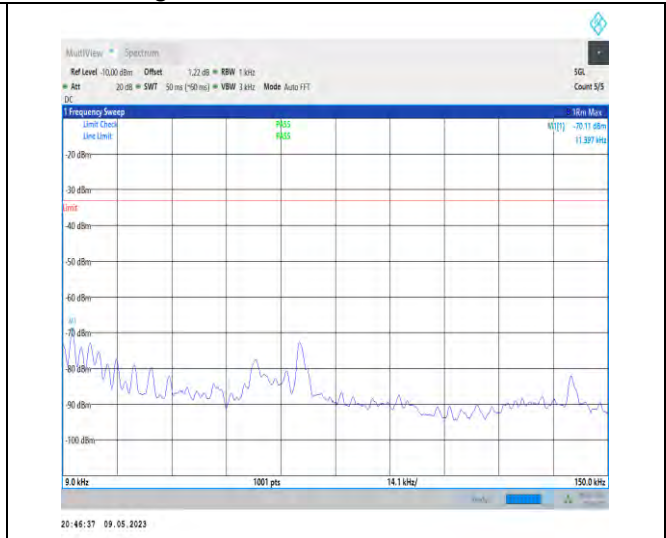


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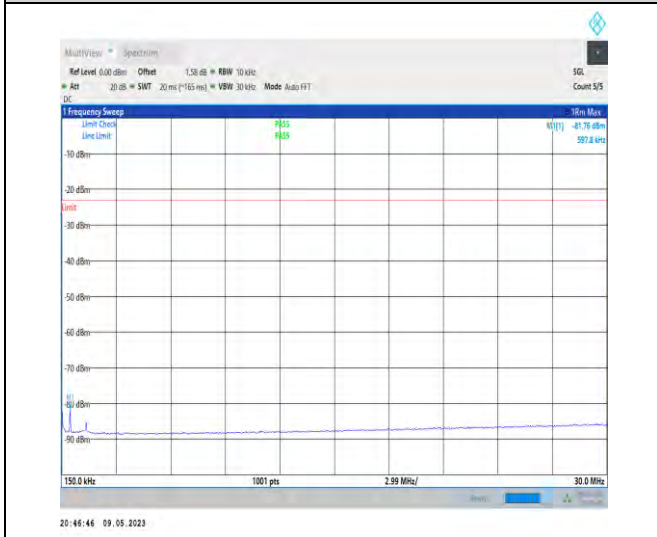
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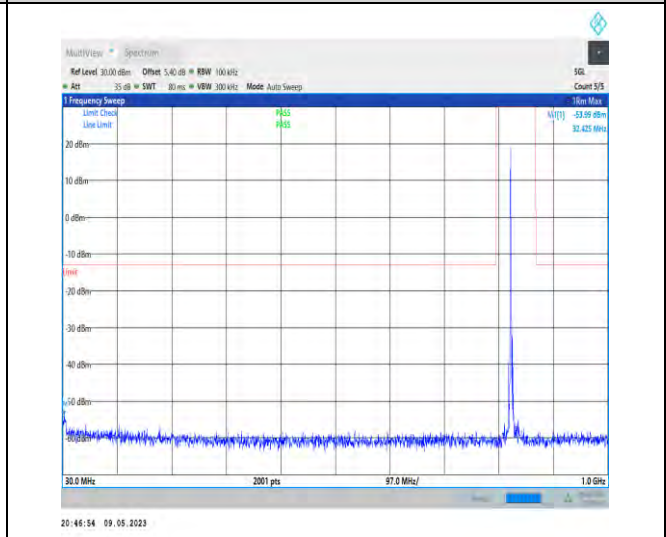
1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant1-7455.00--46.27--13-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.01--70.11--33-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.60--81.76--23-PASS

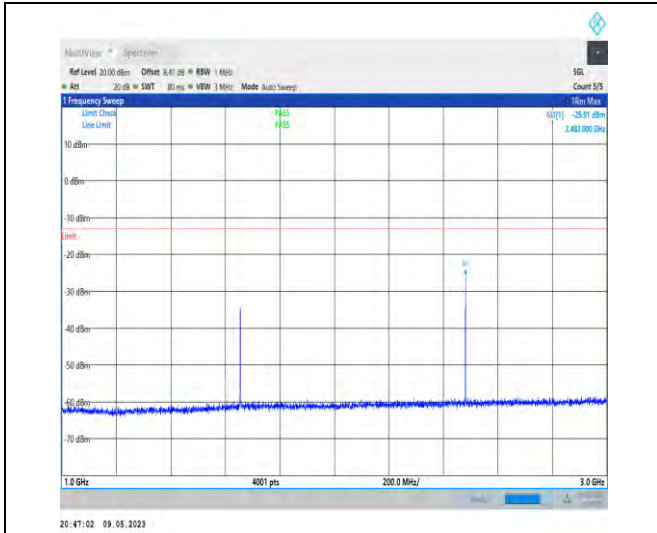


1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1-33.88--53.99--13-PASS

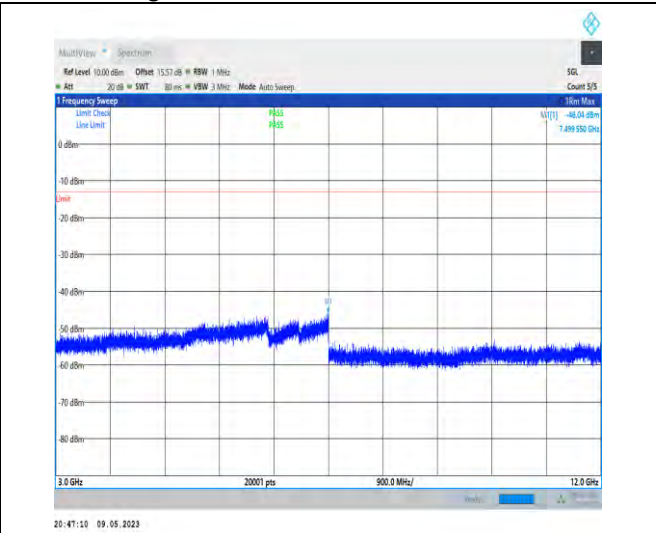


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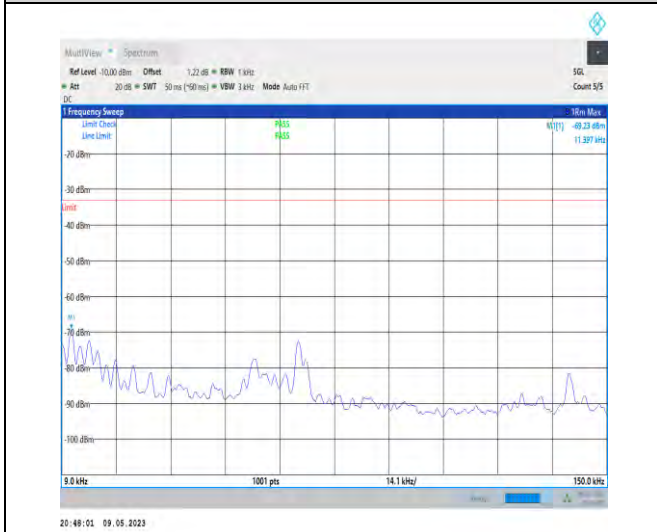
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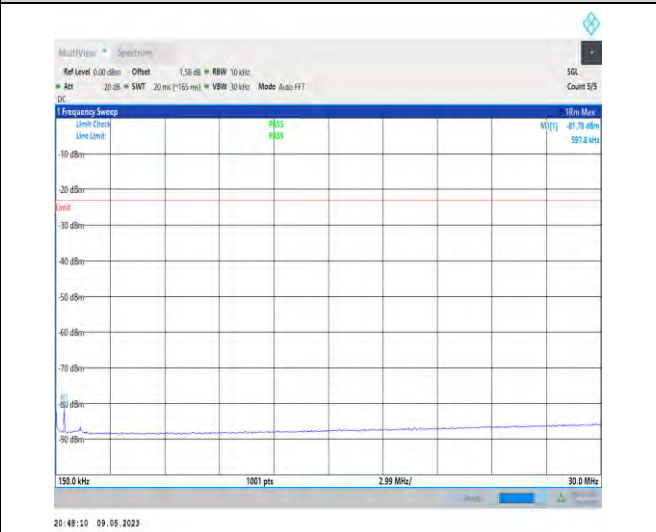
1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-1000-3000-Ant1-2481.50--25.91--13-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-3000-12000-Ant1-7424.85--46.04--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-0.009-0.15-Ant1-0.01--69.23--33-PASS

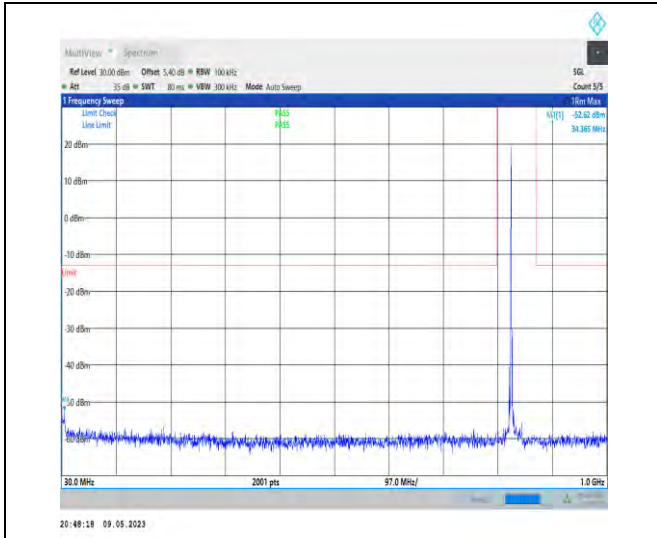


1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-0.15-30-Ant1-0.60--81.78--23-PASS

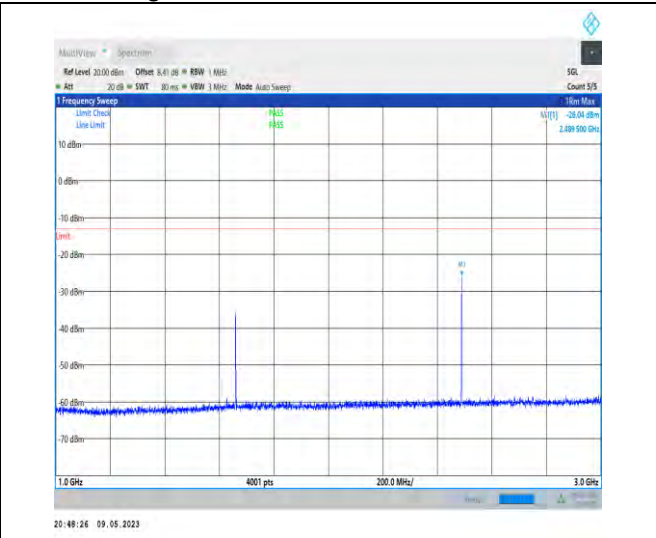


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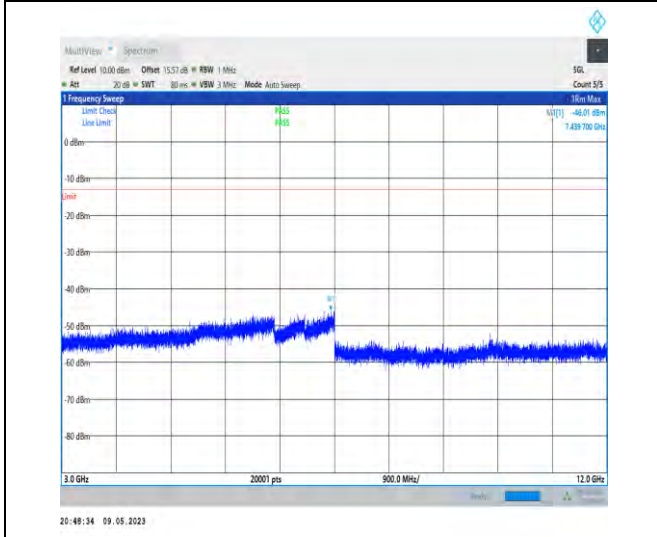
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1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-30-1000-Ant1-35.34--52.62--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-1000-3000-Ant1-2489.50--26.04--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-3000-12000-Ant1-7271.85--46.01--13-PASS



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## Field Strength of Spurious Radiation

Test Band = NR SA Band5\_20MHz\_TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.71	-48.22	25.37	-74.40	-13.00	61.40	215	30	Horizontal
2	2475.2700	43.04	-47.31	27.69	-71.85	-13.00	58.85	145	30	Horizontal
3	3300.3600	42.97	-46.68	29.55	-69.41	-13.00	56.41	123	202	Horizontal
4	4125.4500	41.65	-45.92	30.99	-68.54	-13.00	55.54	261	0	Horizontal
5	4950.5400	41.22	-45.70	32.74	-66.99	-13.00	53.99	136	1	Horizontal
6	5775.6300	39.96	-44.64	33.66	-66.28	-13.00	53.28	251	188	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.78	-48.22	25.37	-74.33	-13.00	61.33	145	330	Vertical
2	2475.2700	42.74	-47.31	27.69	-72.15	-13.00	59.15	185	132	Vertical
3	3300.3600	42.53	-46.68	29.55	-69.85	-13.00	56.85	126	360	Vertical
4	4125.4500	41.17	-45.92	30.99	-69.02	-13.00	56.02	195	4	Vertical
5	4950.5400	41.43	-45.70	32.74	-66.78	-13.00	53.78	184	360	Vertical
6	5775.6300	39.82	-44.64	33.66	-66.42	-13.00	53.42	175	105	Vertical



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Report No.: SEWM2304000137RG02

Rev.: 01

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Test Band = NR SA Band5\_20MHz\_TM1

Test Channel = Mid ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.48	-48.22	25.37	-74.63	-13.00	61.63	211	84	Horizontal
2	2475.2700	42.42	-47.31	27.69	-72.47	-13.00	59.47	236	5	Horizontal
3	3300.3600	42.49	-46.68	29.55	-69.89	-13.00	56.89	256	1	Horizontal
4	4125.4500	41.25	-45.92	30.99	-68.94	-13.00	55.94	142	295	Horizontal
5	4950.5400	41.64	-45.70	32.74	-66.57	-13.00	53.57	158	348	Horizontal
6	5775.6300	40.01	-44.64	33.66	-66.23	-13.00	53.23	196	284	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	44.01	-48.22	25.37	-74.10	-13.00	61.10	211	302	Vertical
2	2475.2700	42.88	-47.31	27.69	-72.01	-13.00	59.01	145	169	Vertical
3	3300.3600	42.71	-46.68	29.55	-69.67	-13.00	56.67	142	130	Vertical
4	4125.4500	41.68	-45.92	30.99	-68.51	-13.00	55.51	126	360	Vertical
5	4950.5400	41.67	-45.70	32.74	-66.54	-13.00	53.54	145	250	Vertical
6	5775.6300	40.26	-44.64	33.66	-65.98	-13.00	52.98	183	12	Vertical



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Test Band = NR SA Band5\_20MHz\_TM1

Test Channel = High ANTO

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.51	-48.21	25.37	-74.58	-13.00	61.58	126	2	Horizontal
2	2490.2700	42.49	-47.29	27.74	-72.32	-13.00	59.32	251	123	Horizontal
3	3320.3600	42.88	-46.65	29.53	-69.50	-13.00	56.50	148	282	Horizontal
4	4150.4500	41.56	-45.93	31.03	-68.60	-13.00	55.60	185	230	Horizontal
5	4980.5400	41.22	-45.77	32.83	-66.98	-13.00	53.98	175	296	Horizontal
6	5810.6300	40.09	-44.69	33.77	-66.09	-13.00	53.09	143	1	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.70	-48.21	25.37	-74.39	-13.00	61.39	123	146	Vertical
2	2490.2700	42.47	-47.29	27.74	-72.34	-13.00	59.34	236	212	Vertical
3	3320.3600	42.60	-46.65	29.53	-69.78	-13.00	56.78	256	26	Vertical
4	4150.4500	41.70	-45.93	31.03	-68.46	-13.00	55.46	148	200	Vertical
5	4980.5400	40.42	-45.77	32.83	-67.78	-13.00	54.78	159	226	Vertical
6	5810.6300	39.91	-44.69	33.77	-66.27	-13.00	53.27	251	360	Vertical



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Test Band = NR SA Band5\_20MHz\_TM1

Test Channel = Low ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.65	-48.22	25.37	-74.46	-13.00	61.46	185	0	Horizontal
2	2475.2700	42.30	-47.31	27.69	-72.59	-13.00	59.59	142	176	Horizontal
3	3300.3600	42.75	-46.68	29.55	-69.63	-13.00	56.63	126	357	Horizontal
4	4125.4500	41.35	-45.92	30.99	-68.84	-13.00	55.84	299	357	Horizontal
5	4950.5400	41.69	-45.70	32.74	-66.52	-13.00	53.52	158	243	Horizontal
6	5775.6300	39.78	-44.64	33.66	-66.46	-13.00	53.46	174	0	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.77	-48.22	25.37	-74.34	-13.00	61.34	155	318	Vertical
2	2475.2700	42.71	-47.31	27.69	-72.18	-13.00	59.18	142	360	Vertical
3	3300.3600	42.75	-46.68	29.55	-69.63	-13.00	56.63	126	159	Vertical
4	4125.4500	41.51	-45.92	30.99	-68.68	-13.00	55.68	233	118	Vertical
5	4950.5400	41.53	-45.70	32.74	-66.68	-13.00	53.68	261	356	Vertical
6	5775.6300	40.16	-44.64	33.66	-66.08	-13.00	53.08	188	356	Vertical



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Test Band = NR SA Band5\_20MHz\_TM1

Test Channel = Mid ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.43	-48.21	25.37	-74.67	-13.00	61.67	123	96	Horizontal
2	2482.7700	42.90	-47.30	27.71	-71.95	-13.00	58.95	214	322	Horizontal
3	3310.3600	43.21	-46.66	29.54	-69.17	-13.00	56.17	147	110	Horizontal
4	4137.9500	41.26	-45.92	31.01	-68.92	-13.00	55.92	159	322	Horizontal
5	4965.5400	41.17	-45.73	32.78	-67.04	-13.00	54.04	185	268	Horizontal
6	5793.1300	40.63	-44.65	33.72	-65.56	-13.00	52.56	146	162	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.74	-48.21	25.37	-74.36	-13.00	61.36	215	360	Vertical
2	2482.7700	43.05	-47.30	27.71	-71.80	-13.00	58.80	122	3	Vertical
3	3310.3600	42.79	-46.66	29.54	-69.59	-13.00	56.59	236	250	Vertical
4	4137.9500	42.42	-45.92	31.01	-67.76	-13.00	54.76	259	212	Vertical
5	4965.5400	42.05	-45.73	32.78	-66.16	-13.00	53.16	184	331	Vertical
6	5793.1300	40.65	-44.65	33.72	-65.54	-13.00	52.54	175	342	Vertical



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Test Band = NR SA Band5\_20MHz\_TM1

Test Channel = High ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.21	-48.21	25.37	-74.88	-13.00	61.88	126	334	Horizontal
2	2490.2700	42.46	-47.29	27.74	-72.35	-13.00	59.35	154	83	Horizontal
3	3320.3600	43.13	-46.65	29.53	-69.25	-13.00	56.25	147	189	Horizontal
4	4150.4500	41.55	-45.93	31.03	-68.61	-13.00	55.61	158	347	Horizontal
5	4980.5400	41.10	-45.77	32.83	-67.10	-13.00	54.10	196	97	Horizontal
6	5810.6300	40.26	-44.69	33.77	-65.92	-13.00	52.92	152	30	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.54	-48.21	25.37	-74.55	-13.00	61.55	211	212	Vertical
2	2490.2700	43.38	-47.29	27.74	-71.43	-13.00	58.43	103	13	Vertical
3	3320.3600	43.14	-46.65	29.53	-69.24	-13.00	56.24	265	104	Vertical
4	4150.4500	41.56	-45.93	31.03	-68.60	-13.00	55.60	145	359	Vertical
5	4980.5400	40.99	-45.77	32.83	-67.21	-13.00	54.21	174	330	Vertical
6	5810.6300	39.55	-44.69	33.77	-66.63	-13.00	53.63	153	197	Vertical



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**Test Band = NR NSA 7A-n5A\_ TM1**

**Test Channel = Low ANT0**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.24	-48.22	25.37	-74.87	-13.00	61.87	255	148	Horizontal
2	2475.2700	42.84	-47.31	27.69	-72.05	-13.00	59.05	142	356	Horizontal
3	3300.3600	42.40	-46.68	29.55	-69.98	-13.00	56.98	136	1	Horizontal
4	4125.4500	41.57	-45.92	30.99	-68.62	-13.00	55.62	256	108	Horizontal
5	4950.5400	41.31	-45.70	32.74	-66.90	-13.00	53.90	199	242	Horizontal
6	5775.6300	39.75	-44.64	33.66	-66.49	-13.00	53.49	158	255	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.35	-48.22	25.37	-74.76	-13.00	61.76	254	360	Vertical
2	2475.2700	42.99	-47.31	27.69	-71.90	-13.00	58.90	126	360	Vertical
3	3300.3600	42.21	-46.68	29.55	-70.17	-13.00	57.17	214	129	Vertical
4	4125.4500	40.98	-45.92	30.99	-69.21	-13.00	56.21	185	3	Vertical
5	4950.5400	41.57	-45.70	32.74	-66.64	-13.00	53.64	175	236	Vertical
6	5775.6300	40.34	-44.64	33.66	-65.90	-13.00	52.90	136	129	Vertical



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Test Band = NR NSA 7A-n5A\_ TM1

Test Channel = Mid ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.20	-48.21	25.37	-74.90	-13.00	61.90	255	109	Horizontal
2	2482.7700	42.64	-47.30	27.71	-72.21	-13.00	59.21	142	163	Horizontal
3	3310.3600	42.34	-46.66	29.54	-70.04	-13.00	57.04	156	294	Horizontal
4	4137.9500	41.02	-45.92	31.01	-69.16	-13.00	56.16	236	136	Horizontal
5	4965.5400	40.74	-45.73	32.78	-67.47	-13.00	54.47	259	122	Horizontal
6	5793.1300	39.83	-44.65	33.72	-66.36	-13.00	53.36	188	334	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.81	-48.21	25.37	-74.29	-13.00	61.29	214	53	Vertical
2	2482.7700	42.26	-47.30	27.71	-72.59	-13.00	59.59	154	359	Vertical
3	3310.3600	42.58	-46.66	29.54	-69.80	-13.00	56.80	185	79	Vertical
4	4137.9500	41.11	-45.92	31.01	-69.07	-13.00	56.07	136	359	Vertical
5	4965.5400	41.09	-45.73	32.78	-67.12	-13.00	54.12	251	359	Vertical
6	5793.1300	40.59	-44.65	33.72	-65.60	-13.00	52.60	147	359	Vertical



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Test Band = NR NSA 7A-n5A\_ TM1

Test Channel = High ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.74	-48.21	25.37	-74.35	-13.00	61.35	214	356	Horizontal
2	2490.2700	41.84	-47.29	27.74	-72.97	-13.00	59.97	159	122	Horizontal
3	3320.3600	42.69	-46.65	29.53	-69.69	-13.00	56.69	186	96	Horizontal
4	4150.4500	41.30	-45.93	31.03	-68.86	-13.00	55.86	251	356	Horizontal
5	4980.5400	41.58	-45.77	32.83	-66.62	-13.00	53.62	142	109	Horizontal
6	5810.6300	40.39	-44.69	33.77	-65.79	-13.00	52.79	139	1	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.22	-48.21	25.37	-74.87	-13.00	61.87	211	198	Vertical
2	2490.2700	42.21	-47.29	27.74	-72.60	-13.00	59.60	145	277	Vertical
3	3320.3600	42.66	-46.65	29.53	-69.72	-13.00	56.72	185	172	Vertical
4	4150.4500	41.29	-45.93	31.03	-68.87	-13.00	55.87	142	342	Vertical
5	4980.5400	40.90	-45.77	32.83	-67.30	-13.00	54.30	136	277	Vertical
6	5810.6300	39.82	-44.69	33.77	-66.36	-13.00	53.36	259	120	Vertical



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Test Band = NR NSA 7A-n5A\_ TM1

Test Channel = Low ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.28	-48.22	25.37	-74.83	-13.00	61.83	255	242	Horizontal
2	2475.2700	42.77	-47.31	27.69	-72.12	-13.00	59.12	142	43	Horizontal
3	3300.3600	42.52	-46.68	29.55	-69.86	-13.00	56.86	126	1	Horizontal
4	4125.4500	41.51	-45.92	30.99	-68.68	-13.00	55.68	259	242	Horizontal
5	4950.5400	41.85	-45.70	32.74	-66.36	-13.00	53.36	198	176	Horizontal
6	5775.6300	39.56	-44.64	33.66	-66.68	-13.00	53.68	184	18	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.20	-48.22	25.37	-74.91	-13.00	61.91	211	158	Vertical
2	2475.2700	42.95	-47.31	27.69	-71.94	-13.00	58.94	142	276	Vertical
3	3300.3600	42.12	-46.68	29.55	-70.26	-13.00	57.26	153	225	Vertical
4	4125.4500	41.48	-45.92	30.99	-68.71	-13.00	55.71	261	158	Vertical
5	4950.5400	41.04	-45.70	32.74	-67.17	-13.00	54.17	159	317	Vertical
6	5775.6300	40.18	-44.64	33.66	-66.06	-13.00	53.06	184	251	Vertical



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Test Band = NR NSA 7A-n5A\_ TM1

Test Channel = Mid ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.15	-48.21	25.37	-74.95	-13.00	61.95	211	83	Horizontal
2	2482.7700	42.84	-47.30	27.71	-72.01	-13.00	59.01	142	240	Horizontal
3	3310.3600	43.08	-46.66	29.54	-69.30	-13.00	56.30	136	188	Horizontal
4	4137.9500	41.24	-45.92	31.01	-68.94	-13.00	55.94	258	121	Horizontal
5	4965.5400	41.64	-45.73	32.78	-66.57	-13.00	53.57	174	0	Horizontal
6	5793.1300	40.44	-44.65	33.72	-65.75	-13.00	52.75	186	1	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.21	-48.21	25.37	-74.89	-13.00	61.89	256	330	Vertical
2	2482.7700	42.34	-47.30	27.71	-72.51	-13.00	59.51	142	51	Vertical
3	3310.3600	42.13	-46.66	29.54	-70.25	-13.00	57.25	136	301	Vertical
4	4137.9500	41.44	-45.92	31.01	-68.74	-13.00	55.74	259	360	Vertical
5	4965.5400	41.16	-45.73	32.78	-67.05	-13.00	54.05	148	78	Vertical
6	5793.1300	40.16	-44.65	33.72	-66.03	-13.00	53.03	175	289	Vertical



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**Test Band = NR NSA 7A-n5A\_ TM1**

**Test Channel = High ANT4**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.43	-48.21	25.37	-74.66	-13.00	61.66	214	9	Horizontal
2	2490.2700	42.37	-47.29	27.74	-72.44	-13.00	59.44	148	2	Horizontal
3	3320.3600	43.12	-46.65	29.53	-69.26	-13.00	56.26	155	202	Horizontal
4	4150.4500	41.22	-45.93	31.03	-68.94	-13.00	55.94	126	268	Horizontal
5	4980.5400	41.09	-45.77	32.83	-67.11	-13.00	54.11	302	268	Horizontal
6	5810.6300	39.94	-44.69	33.77	-66.24	-13.00	53.24	156	294	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.37	-48.21	25.37	-74.72	-13.00	61.72	155	13	Vertical
2	2490.2700	42.44	-47.29	27.74	-72.37	-13.00	59.37	148	350	Vertical
3	3320.3600	42.87	-46.65	29.53	-69.51	-13.00	56.51	186	210	Vertical
4	4150.4500	41.62	-45.93	31.03	-68.54	-13.00	55.54	259	277	Vertical
5	4980.5400	40.67	-45.77	32.83	-67.53	-13.00	54.53	191	239	Vertical
6	5810.6300	41.01	-44.69	33.77	-65.17	-13.00	52.17	173	330	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)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-7.400000	-0.008846	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-6.000000	-0.007173	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.400000	-0.010042	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-8.100000	-0.009683	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-7.100000	-0.008488	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-5.800000	-0.006934	±2.5	PASS



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Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.100000	-0.006354	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.400000	-0.002693	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.800000	-0.002341	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.200000	-0.001597	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.800000	-0.004536	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.000000	-0.005784	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.900000	-0.005296	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.200000	-0.005399	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.900000	-0.004126	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-7.100000	-0.006398	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-6.800000	-0.002763	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.800000	-0.003342	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.100000	-0.005023	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.600000	-0.003471	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.500000	-0.006524	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-6.200000	-0.002158	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.000000	-0.008695	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-8.100000	-0.004128	±2.5	PASS

---End of Attachment---



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