

Report No.: SEWA2309000114RG02

Rev.: 01

Page: 1 of 58

Appendix B.28

NR Band n2



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.28	24.53	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.21	24.46	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.75	24.00	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	24.22	24.47	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	24.08	24.33	33.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	23.27	23.52	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	23.26	23.51	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	23.19	23.44	33.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	22.35	22.60	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	22.01	22.26	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.91	22.16	33.00	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.80	22.05	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.26	19.51	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	19.14	19.39	33.00	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.74	19.99	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.49	24.74	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.38	24.63	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.94	24.19	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	24.27	24.52	33.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	23.47	23.72	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	23.39	23.64	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	23.31	23.56	33.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	22.52	22.77	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	22.16	22.41	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	22.15	22.40	33.00	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.92	22.17	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19.51	19.76	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.37	19.62	33.00	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.87	20.12	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.37	24.62	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.26	24.51	33.00	PASS



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Report No.: SEWA2309000114RG02

Rev.: 01

Page: 3 of 58

N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.82	24.07	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	24.27	24.52	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	24.18	24.43	33.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	23.33	23.58	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	23.29	23.54	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	23.29	23.54	33.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	22.40	22.65	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	22.11	22.36	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	22.02	22.27	33.00	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.83	22.08	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	19.44	19.69	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	19.25	19.50	33.00	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	19.77	20.02	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.29	24.54	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.27	24.52	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	23.74	23.99	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	24.16	24.41	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	24.16	24.41	33.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	23.20	23.45	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	23.15	23.40	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	23.21	23.46	33.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	22.24	22.49	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	22.07	22.32	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	22.02	22.27	33.00	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.76	22.01	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.30	19.55	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	19.29	19.54	33.00	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.69	19.94	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.49	24.74	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.38	24.63	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.95	24.20	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	24.26	24.51	33.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	23.44	23.69	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	23.38	23.63	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	23.33	23.58	33.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	22.44	22.69	33.00	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	22.20	22.45	33.00	PASS



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Report No.: SEWA2309000114RG02

Rev.: 01

Page: 4 of 58

N2	15	10	DFT-64QAM	M	Inner_1RB_Right	22.05	22.30	33.00	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	22.00	22.25	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.41	19.66	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	19.38	19.63	33.00	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.90	20.15	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.41	24.66	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.35	24.60	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.91	24.16	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	24.36	24.61	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	24.21	24.46	33.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	23.40	23.65	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	23.42	23.67	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	23.26	23.51	33.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	22.35	22.60	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	22.15	22.40	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	22.07	22.32	33.00	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.92	22.17	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	19.39	19.64	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	19.32	19.57	33.00	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	19.85	20.10	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.51	24.76	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.50	24.75	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.91	24.16	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	24.33	24.58	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	24.36	24.61	33.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	23.41	23.66	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	23.36	23.61	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	23.43	23.68	33.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	22.49	22.74	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	22.23	22.48	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	22.12	22.37	33.00	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	22.03	22.28	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.48	19.73	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.38	19.63	33.00	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	19.97	20.22	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.56	24.81	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.49	24.74	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	24.07	24.32	33.00	PASS



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Report No.: SEWA2309000114RG02

Rev.: 01

Page: 5 of 58

N2	15	15	DFT-QPSK	M	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	24.53	24.78	33.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	23.56	23.81	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	23.50	23.75	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	23.46	23.71	33.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	22.60	22.85	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	22.26	22.51	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	22.26	22.51	33.00	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	22.10	22.35	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.57	19.82	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.56	19.81	33.00	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	20.04	20.29	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.52	24.77	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.47	24.72	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	24.05	24.30	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	24.32	24.57	33.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	23.53	23.78	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	23.50	23.75	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	23.39	23.64	33.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	22.61	22.86	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	22.23	22.48	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	22.22	22.47	33.00	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	22.11	22.36	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.52	19.77	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.39	19.64	33.00	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	20.04	20.29	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.52	24.77	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.54	24.79	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	24.01	24.26	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	24.50	24.75	33.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.57	23.82	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	23.43	23.68	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	23.56	23.81	33.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	22.50	22.75	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	22.28	22.53	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	22.30	22.55	33.00	PASS



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Report No.: SEWA2309000114RG02

Rev.: 01

Page: 6 of 58

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N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.48	19.73	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.57	19.82	33.00	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	20.04	20.29	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.58	24.83	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.63	24.88	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	24.11	24.36	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	24.51	24.76	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	24.48	24.73	33.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	23.58	23.83	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	23.51	23.76	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	23.56	23.81	33.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	22.60	22.85	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	22.40	22.65	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	22.29	22.54	33.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	22.18	22.43	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19.54	19.79	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.51	19.76	33.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	20.15	20.40	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.56	24.81	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.47	24.72	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	24.00	24.25	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	24.37	24.62	33.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	23.48	23.73	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	23.40	23.65	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	23.39	23.64	33.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	22.54	22.79	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	22.26	22.51	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	22.20	22.45	33.00	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	22.11	22.36	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.51	19.76	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.37	19.62	33.00	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	20.05	20.30	33.00	PASS



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Report No.: SEWA2309000114RG02

Rev.: 01

Page: 7 of 58

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.82	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.57	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.75	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.93	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.71	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	10.00	≤13	PASS



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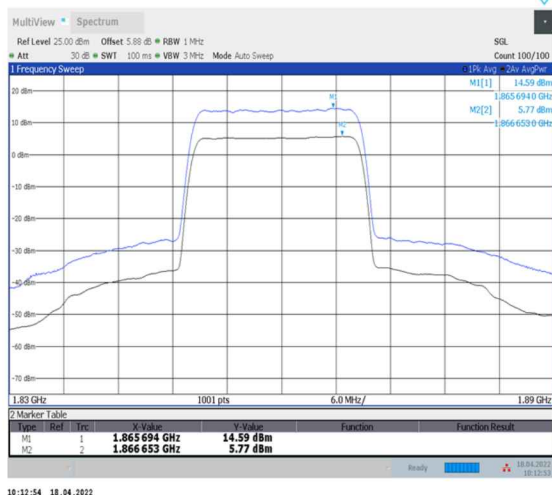
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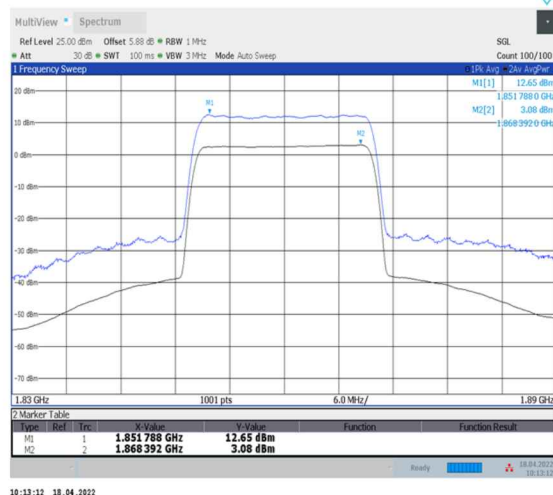
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Report No.: SEWA2309000114RG02
Rev.: 01
Page: 8 of 58

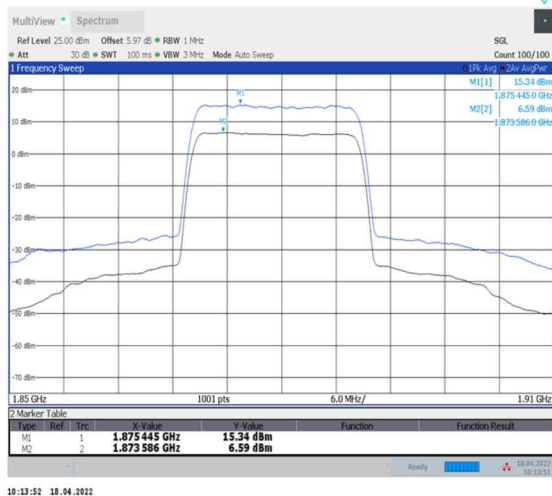
Test Graphs



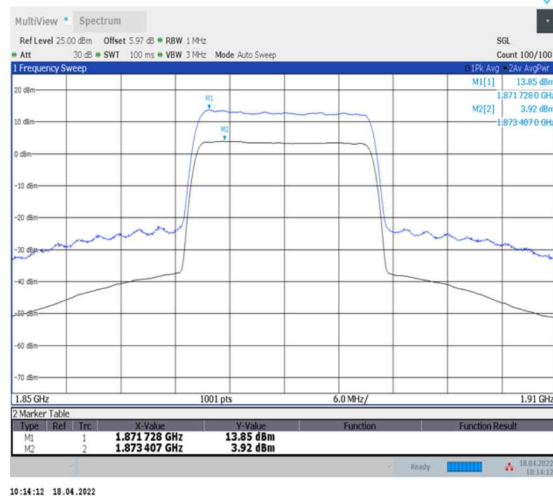
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Ant0-8.82-100%-0.00-8.82-PASS-≤13



1-N2--15-20-L-2-CP-256QAM-Outer_Full-106@0-
Ant0-9.57-100%-0.00-9.57-PASS-≤13



1-N2--15-20-M-1-DFT-256QAM-Outer_Full-100@0-
Ant0-8.75-100%-0.00-8.75-PASS-≤13



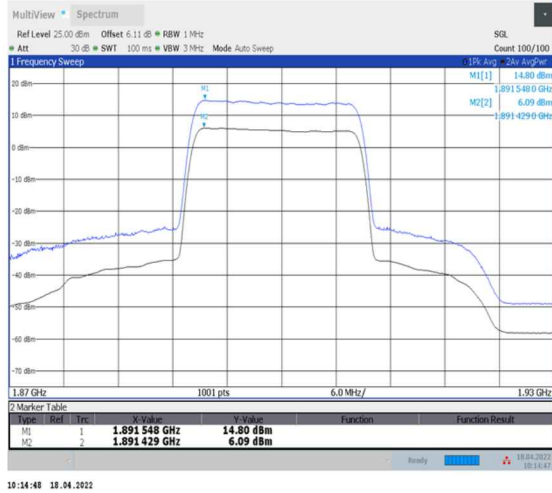
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Ant0-9.93-100%-0.00-9.93-PASS-≤13



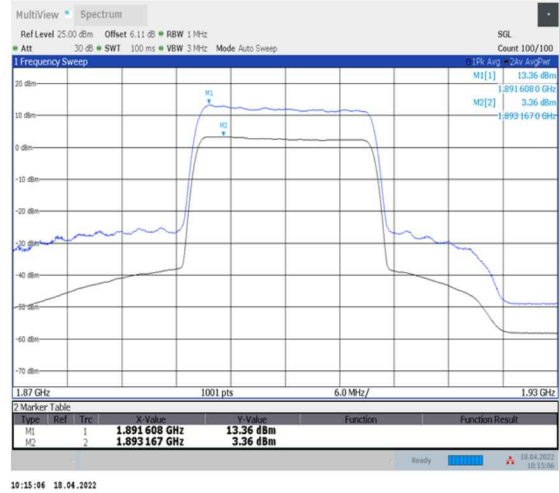
Report No.: SEWA2309000114RG02

Rev.: 01

Page: 9 of 58



1-N2--15-20-H-1-DFT-256QAM-Outer_Full-100@0-
Ant0-8.71-100%-0.00-8.71-PASS-≤13



1-N2--15-20-H-2-CP-256QAM-Outer_Full-106@0-
Ant0-10.00-100%-0.00-10.00-PASS-≤13



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Rev.: 01

Page: 10 of 58

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	L	Outer_Full	4.488	5.000	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.470	5.080	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.482	5.070	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.486	5.060	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.483	5.130	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.470	5.080	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.489	5.160	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.497	5.170	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.491	5.190	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.485	5.030	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.477	5.090	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.482	5.050	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.489	5.170	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.491	5.140	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.476	5.190	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.477	5.050	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.482	5.160	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.497	5.200	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.474	4.940	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.492	5.190	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.478	5.050	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.472	5.110	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.480	5.060	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.482	5.250	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.476	5.170	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.483	5.180	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.495	5.190	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.953	9.740	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.959	9.720	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.957	9.700	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.947	9.720	PASS



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