

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 1 of 208

Appendix B.39

NR Band n41



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 2 of 208

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANTO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	26.33	28.73	33.00	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	25.85	28.25	33.00	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	26.35	28.75	33.00	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	25.95	28.35	33.00	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	26.34	28.74	33.00	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	26	28.4	33.00	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	26.24	28.64	33.00	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	25.86	28.26	33.00	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	24.63	27.03	33.00	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	26.32	28.72	33.00	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	25.91	28.31	33.00	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	26.29	28.69	33.00	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	25.97	28.37	33.00	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	26.3	28.7	33.00	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	25.92	28.32	33.00	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	26.35	28.75	33.00	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	26.02	28.42	33.00	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	26.24	28.64	33.00	PASS
N41	30	40	DFT-16QAM	H	Inner_1RB_Left	25.88	28.28	33.00	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	26.18	28.58	33.00	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	25.8	28.2	33.00	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	26.35	28.75	33.00	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	25.91	28.31	33.00	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	25.92	28.32	33.00	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	25.54	27.94	33.00	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	17.72	20.12	33.00	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	25.74	28.14	33.00	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	26.23	28.63	33.00	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	25.88	28.28	33.00	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	26.07	28.47	33.00	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	25.69	28.09	33.00	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 3 of 208

N41	30	70	DFT-QPSK	L	Inner_1RB_Left	25.85	28.25	33.00	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	25.6	28	33.00	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	25.98	28.38	33.00	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	25.61	28.01	33.00	PASS
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	26.04	28.44	33.00	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	25.72	28.12	33.00	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	25.84	28.24	33.00	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	25.52	27.92	33.00	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	25.83	28.23	33.00	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	25.46	27.86	33.00	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	26.01	28.41	33.00	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	25.66	28.06	33.00	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	25.82	28.22	33.00	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	25.49	27.89	33.00	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	25.75	28.15	33.00	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	25.34	27.74	33.00	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	26	28.4	33.00	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.62	28.02	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.88	28.28	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.5	28.9	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	24.34	26.74	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	25.97	28.37	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	26.47	28.87	33.00	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	23.7	26.1	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.55	27.95	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	26.17	28.57	33.00	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	21.7	24.1	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	24.01	26.41	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	24.61	27.01	33.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	22.22	24.62	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.79	24.19	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	22.41	24.81	33.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	20.19	22.59	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.78	28.18	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.18	28.58	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	24.24	26.64	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	25.91	28.31	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	26.22	28.62	33.00	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 4 of 208

N41	30	100	DFT-QPSK	M	Outer_Full	23.77	26.17	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	25.46	27.86	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	25.76	28.16	33.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	21.71	24.11	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	23.96	26.36	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	24.31	26.71	33.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	22.21	24.61	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	21.76	24.16	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	22.09	24.49	33.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	20.18	22.58	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.05	28.45	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.41	28.81	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	24.29	26.69	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	26.07	28.47	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	26.47	28.87	33.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	23.78	26.18	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	25.72	28.12	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	26.06	28.46	33.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	21.79	24.19	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	24.15	26.55	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	24.54	26.94	33.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	22.26	24.66	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	21.99	24.39	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	22.36	24.76	33.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	20.25	22.65	33.00	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 5 of 208

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant0	Power Ant2	Total Power	EIRP	Verdict
N41	30	20	CP-QPSK	L	Inner_1RB_Left	22.08	21.53	24.82	27.22	PASS
N41	30	20	CP-16QAM	L	Inner_1RB_Left	20.52	20.14	23.34	25.74	PASS
N41	30	20	CP-QPSK	M	Inner_1RB_Left	22.18	21.4	24.82	27.22	PASS
N41	30	20	CP-16QAM	M	Inner_1RB_Left	20.68	20.13	23.42	25.82	PASS
N41	30	20	CP-QPSK	H	Inner_1RB_Left	22.29	21.36	24.86	27.26	PASS
N41	30	20	CP-16QAM	H	Inner_1RB_Left	20.8	20.12	23.48	25.88	PASS
N41	30	30	CP-QPSK	L	Inner_1RB_Left	22.03	21.58	24.82	27.22	PASS
N41	30	30	CP-16QAM	L	Inner_1RB_Left	20.46	20.07	23.28	25.68	PASS
N41	30	30	CP-QPSK	M	Inner_1RB_Left	22	21.48	24.76	27.16	PASS
N41	30	30	CP-16QAM	M	Inner_1RB_Left	20.51	19.99	23.27	25.67	PASS
N41	30	30	CP-QPSK	H	Inner_1RB_Left	22.05	21.58	24.83	27.23	PASS
N41	30	30	CP-16QAM	H	Inner_1RB_Left	20.61	20.05	23.35	25.75	PASS
N41	30	40	CP-QPSK	L	Inner_1RB_Left	22.05	21.67	24.87	27.27	PASS
N41	30	40	CP-16QAM	L	Inner_1RB_Left	20.53	20.02	23.29	25.69	PASS
N41	30	40	CP-QPSK	M	Inner_1RB_Left	22.24	21.08	24.71	27.11	PASS
N41	30	40	CP-16QAM	M	Inner_1RB_Left	20.62	19.91	23.29	25.69	PASS
N41	30	40	CP-QPSK	H	Inner_1RB_Left	21.88	21.47	24.69	27.09	PASS
N41	30	40	CP-16QAM	H	Inner_1RB_Left	20.47	19.89	23.2	25.6	PASS
N41	30	50	CP-QPSK	L	Inner_1RB_Left	21.9	21.49	24.71	27.11	PASS
N41	30	50	CP-16QAM	L	Inner_1RB_Left	20.45	20.04	23.26	25.66	PASS
N41	30	50	CP-QPSK	M	Inner_1RB_Left	22.12	20.9	24.56	26.96	PASS
N41	30	50	CP-16QAM	M	Inner_1RB_Left	20.5	19.54	23.06	25.46	PASS
N41	30	50	CP-QPSK	H	Inner_1RB_Left	21.74	21.1	24.44	26.84	PASS
N41	30	50	CP-16QAM	H	Inner_1RB_Left	20.14	19.86	23.01	25.41	PASS
N41	30	60	CP-QPSK	L	Inner_1RB_Left	22.03	21.41	24.74	27.14	PASS
N41	30	60	CP-16QAM	L	Inner_1RB_Left	20.48	19.92	23.22	25.62	PASS
N41	30	60	CP-QPSK	M	Inner_1RB_Left	22.16	20.87	24.57	26.97	PASS
N41	30	60	CP-16QAM	M	Inner_1RB_Left	20.58	19.66	23.15	25.55	PASS
N41	30	60	CP-QPSK	H	Inner_1RB_Left	21.89	21.08	24.51	26.91	PASS
N41	30	60	CP-16QAM	H	Inner_1RB_Left	20.2	19.73	22.98	25.38	PASS
N41	30	70	CP-QPSK	L	Inner_1RB_Left	21.61	21.12	24.38	26.78	PASS
N41	30	70	CP-16QAM	L	Inner_1RB_Left	20.26	19.78	23.04	25.44	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 6 of 208

N41	30	70	CP-QPSK	M	Inner_1RB_Left	21.85	20.99	24.45	26.85	PASS
N41	30	70	CP-16QAM	M	Inner_1RB_Left	20.12	19.62	22.89	25.29	PASS
N41	30	70	CP-QPSK	H	Inner_1RB_Left	21.88	20.97	24.46	26.86	PASS
N41	30	70	CP-16QAM	H	Inner_1RB_Left	20.31	19.77	23.06	25.46	PASS
N41	30	80	CP-QPSK	L	Inner_1RB_Left	21.67	21.26	24.48	26.88	PASS
N41	30	80	CP-16QAM	L	Inner_1RB_Left	20.14	19.7	22.94	25.34	PASS
N41	30	80	CP-QPSK	M	Inner_1RB_Left	21.73	21.06	24.42	26.82	PASS
N41	30	80	CP-16QAM	M	Inner_1RB_Left	20.11	19.87	23	25.4	PASS
N41	30	80	CP-QPSK	H	Inner_1RB_Left	21.78	21.22	24.52	26.92	PASS
N41	30	80	CP-16QAM	H	Inner_1RB_Left	20.29	19.7	23.02	25.42	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Left	21.57	21.31	24.45	26.85	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Left	20.12	19.8	22.97	25.37	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Left	21.63	21.04	24.36	26.76	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Left	20.02	19.78	22.91	25.31	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Left	22.14	21.61	24.89	27.29	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Right	22.81	21.66	25.28	27.68	PASS
N41	30	100	CP-QPSK	L	Outer_Full	18.82	18.43	21.64	24.04	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Left	21.41	21.3	24.37	26.77	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Right	21.44	21.31	24.39	26.79	PASS
N41	30	100	CP-16QAM	L	Outer_Full	18.95	18.45	21.72	24.12	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Left	20.17	19.7	22.95	25.35	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Right	20.74	19.95	23.37	25.77	PASS
N41	30	100	CP-64QAM	L	Outer_Full	18.37	18.03	21.21	23.61	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Left	17.26	16.77	20.03	22.43	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Right	17.88	16.66	20.32	22.72	PASS
N41	30	100	CP-256QAM	L	Outer_Full	14.97	14.55	17.78	20.18	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Left	21.96	21.39	24.69	27.09	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Right	22.53	22.24	25.4	27.8	PASS
N41	30	100	CP-QPSK	M	Outer_Full	18.8	18.33	21.58	23.98	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Left	21.6	20.92	24.28	26.68	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Right	21.98	21.74	24.87	27.27	PASS
N41	30	100	CP-16QAM	M	Outer_Full	18.76	18.37	21.58	23.98	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Left	20.02	19.67	22.86	25.26	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Right	20.41	20.24	23.34	25.74	PASS
N41	30	100	CP-64QAM	M	Outer_Full	18.38	17.89	21.15	23.55	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Left	17.1	16.53	19.83	22.23	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Right	17.48	17.14	20.32	22.72	PASS
N41	30	100	CP-256QAM	M	Outer_Full	14.28	14.04	17.17	19.57	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 7 of 208

N41	30	100	CP-QPSK	H	Inner_1RB_Left	22.25	21.34	24.83	27.23	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Right	22.58	22.27	25.44	27.84	PASS
N41	30	100	CP-QPSK	H	Outer_Full	18.87	18.5	21.7	24.1	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Left	21.87	20.91	24.43	26.83	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Right	22.23	21.67	24.97	27.37	PASS
N41	30	100	CP-16QAM	H	Outer_Full	18.82	18.37	21.61	24.01	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Left	20.42	19.56	23.02	25.42	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Right	20.63	20.33	23.49	25.89	PASS
N41	30	100	CP-64QAM	H	Outer_Full	18.41	18	21.22	23.62	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Left	17.36	16.39	19.91	22.31	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Right	17.72	17.24	20.5	22.9	PASS
N41	30	100	CP-256QAM	H	Outer_Full	14.4	14.18	17.3	19.7	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 8 of 208

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	9.99	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	9.63	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	9.72	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	10.12	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	9.92	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	10.34	≤13	PASS

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	19.56%	7.09	2.45	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	19.56%	7.09	2.80	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	19.56%	7.09	2.52	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	19.56%	7.09	2.45	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	19.56%	7.09	2.74	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	19.56%	7.09	2.87	≤13	PASS



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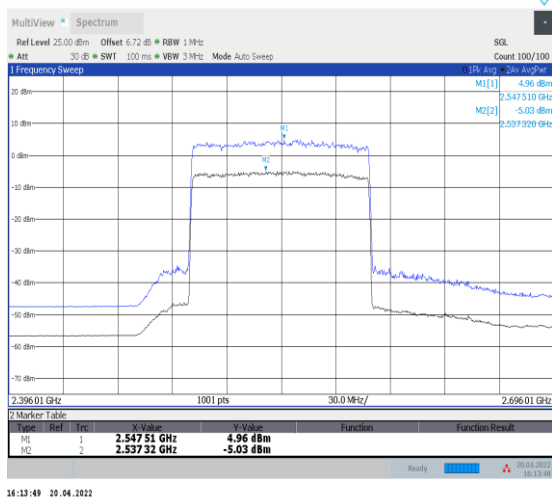
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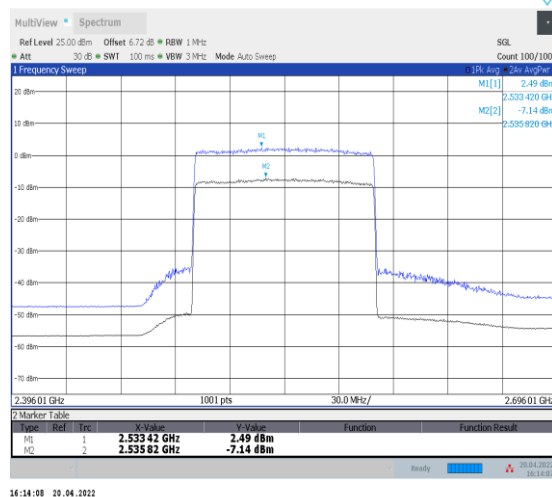
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Report No.: SEWA2309000114RG10
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Page: 9 of 208

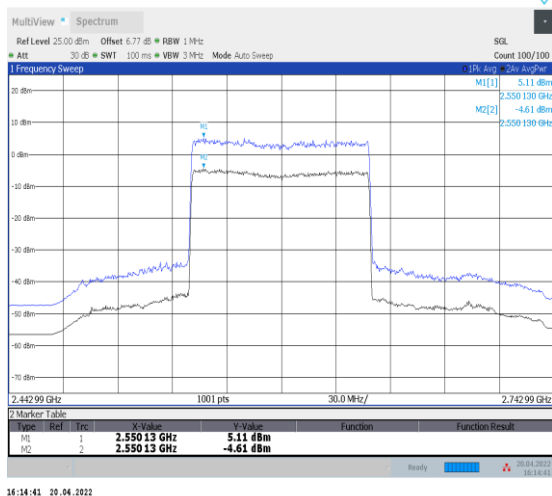
Test Graphs



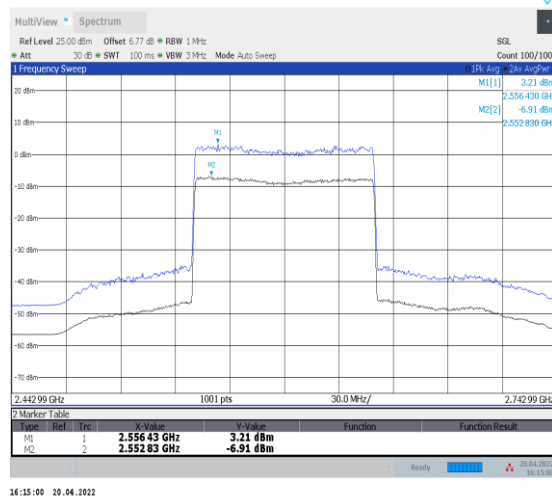
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1-N41--30-100-L-2-CP-256QAM-Outer_Full-273@0-
Ant0-9.63-100%-0.00-9.63-PASS-≤13



1-N41--30-100-M-1-DFT-256QAM-Outer_Full-270@
0-Ant0-9.72-100%-0.00-9.72-PASS-≤13



1-N41--30-100-M-2-CP-256QAM-Outer_Full-273@0-
Ant0-10.12-100%-0.00-10.12-PASS-≤13



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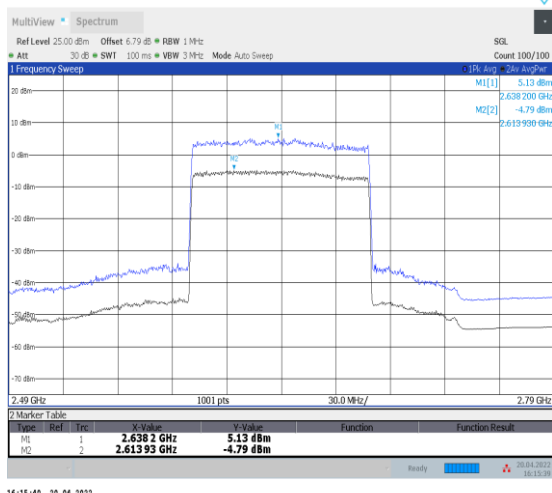
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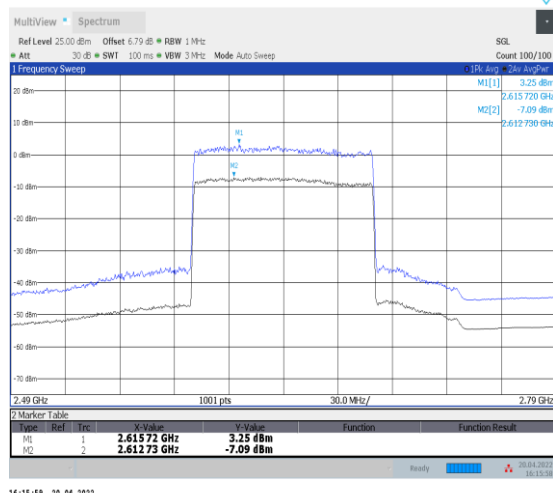
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Rev.: 01

Page: 10 of 208



1-N41--30-100-H-1-DFT-256QAM-Outer_Full-270@
0-Ant0-9.92-100%-0.00-9.92-PASS-≤13



1-N41--30-100-H-2-CP-256QAM-Outer_Full-273@0-
Ant0-10.34-100%-0.00-10.34-PASS-≤13



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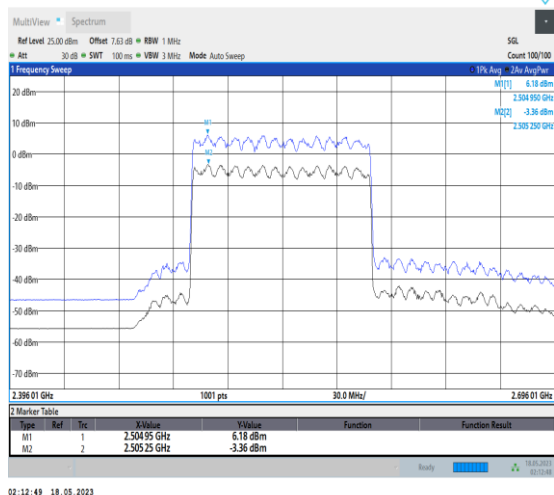
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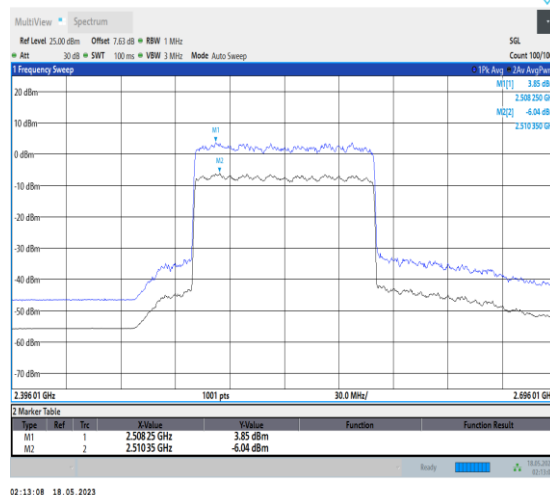
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Page: 11 of 208

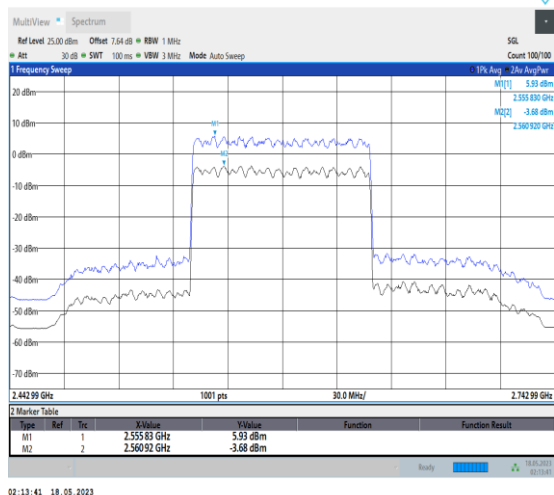
Test Graphs for MIMO



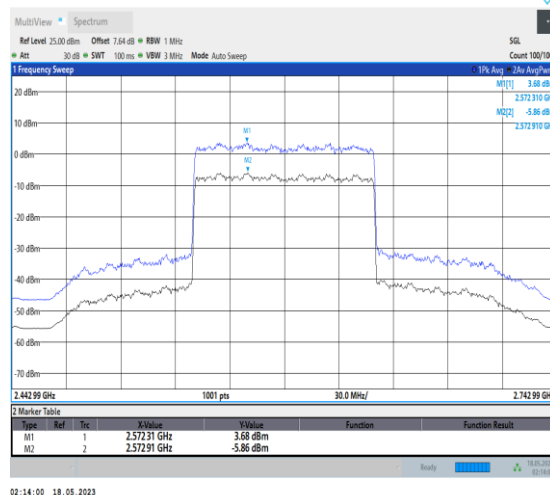
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1-N41-PC1-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant0-9.89-19.56%-7.09-2.80-PASS-≤13



1-N41-PC1-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.61-19.56%-7.09-2.52-PASS-≤13



1-N41-PC1-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant0-9.54-19.56%-7.09-2.45-PASS-≤13



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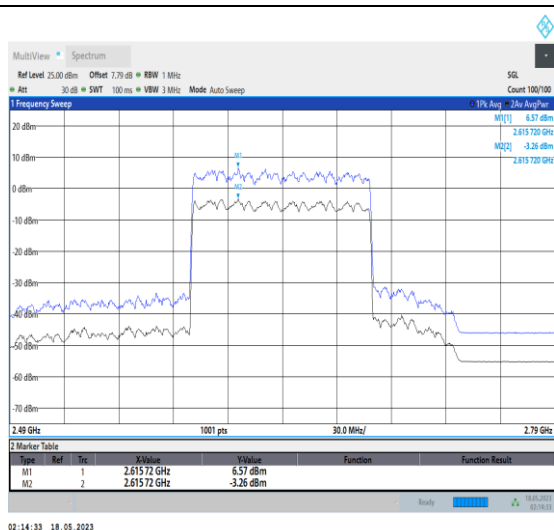
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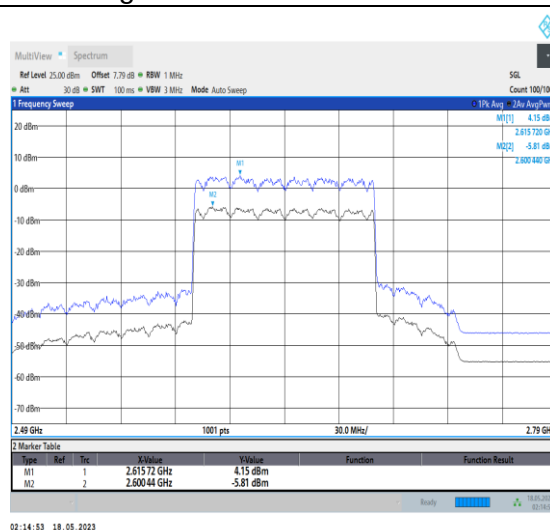
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Rev.: 01

Page: 12 of 208



1-N41-PC1-30-100-H-1-DFT-256QAM-Outer_Full-27
0@0-Ant0-9.83-19.56%-7.09-2.74-PASS-≤13



1-N41-PC1-30-100-H-2-CP-256QAM-Outer_Full-273
@0-Ant0-9.96-19.56%-7.09-2.87-PASS-≤13



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Rev.: 01

Page: 13 of 208

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	17.852	19.440	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.870	19.440	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.851	19.240	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.890	19.440	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	17.833	19.240	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.204	20.280	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.237	20.120	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.249	20.160	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.233	19.320	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.840	19.040	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.855	19.640	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.884	18.800	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.905	19.520	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.861	19.400	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.174	19.480	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.254	20.160	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.273	19.240	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.251	19.960	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.856	18.920	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.899	19.880	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.812	18.560	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.915	19.600	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	17.880	19.440	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.250	20.000	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.232	19.520	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.260	20.440	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.166	19.560	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.839	28.860	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.845	28.800	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.895	28.800	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.814	28.740	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	26.823	28.920	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 14 of 208

N41	30	30	CP-QPSK	L	Outer_Full	27.884	30.300	PASS
N41	30	30	CP-16QAM	L	Outer_Full	27.896	29.880	PASS
N41	30	30	CP-64QAM	L	Outer_Full	27.885	30.060	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.866	29.820	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.841	28.800	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.833	28.860	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.876	28.800	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.850	28.920	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.826	28.800	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.927	30.060	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.906	29.940	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.901	29.880	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.877	29.820	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.857	28.980	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.858	28.860	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.879	28.860	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.899	29.100	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	26.816	28.800	PASS
N41	30	30	CP-QPSK	H	Outer_Full	28.008	32.520	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.942	29.820	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.920	32.700	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.888	29.760	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.780	38.240	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.762	38.080	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.785	38.240	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.904	38.160	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	35.751	38.080	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.958	40.320	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.929	40.480	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.917	40.480	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.873	40.000	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.785	38.320	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.792	38.080	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.799	38.240	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.889	38.160	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.787	38.400	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.933	40.240	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.913	40.400	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 15 of 208

N41	30	40	CP-64QAM	M	Outer_Full	37.909	40.560	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.941	40.400	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.796	38.320	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.805	38.240	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.775	38.240	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.908	38.080	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	35.766	38.160	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.980	40.320	PASS
N41	30	40	CP-16QAM	H	Outer_Full	38.007	44.480	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.971	40.560	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.915	40.240	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.793	48.000	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.709	48.200	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.750	48.300	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.761	48.200	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	45.722	48.100	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.505	50.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.490	50.000	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.489	50.200	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.416	49.800	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.824	48.300	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.740	48.200	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.750	48.000	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.815	48.400	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.797	48.400	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.515	50.200	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.504	50.100	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.521	50.200	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.449	50.000	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.870	48.400	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.803	48.400	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.749	48.000	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.816	48.300	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	45.772	48.400	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.533	50.100	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.594	50.500	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.579	50.300	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.499	49.900	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 16 of 208

N41	30	60	DFT-QPSK	L	Outer_Full	57.88	60.480	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.853	60.360	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.965	60.480	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.986	60.720	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	57.973	60.480	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.809	60.480	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.894	60.360	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.808	60.360	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.760	60.480	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.906	60.720	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.914	60.480	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	58.056	60.360	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	58.078	60.840	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	58.071	60.600	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.89	60.600	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.957	60.360	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.884	60.480	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.878	60.360	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.893	60.600	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.935	60.480	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	57.998	60.360	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	58.032	60.840	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	58.042	60.480	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.905	60.480	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.945	60.480	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.883	60.480	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.861	60.360	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.281	67.060	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.137	66.780	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.201	66.920	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.231	67.200	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	64.272	66.780	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.529	70.140	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.458	74.060	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.323	70.280	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.441	70.140	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.366	67.060	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.285	67.200	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 17 of 208

N41	30	70	DFT-16QAM	M	Outer_Full	64.321	66.920	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.367	67.060	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.390	67.060	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.681	70.280	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.574	70.140	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.452	70.280	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.564	70.140	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.208	66.640	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.141	67.060	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.139	66.920	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.222	66.920	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	64.263	66.920	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.59	70.140	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.436	70.280	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.296	70.000	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.450	70.280	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	77.106	80.640	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	77.117	81.120	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.002	80.800	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.102	80.640	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	77.112	80.640	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.614	80.960	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.597	81.280	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.325	81.120	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.393	80.960	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.343	80.800	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.284	80.960	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.402	80.960	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.320	80.960	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.329	80.800	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.817	81.120	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.774	81.440	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.541	81.120	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.58	81.120	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.249	80.800	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.278	80.800	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.227	80.800	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	77.104	80.640	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 18 of 208

N41	30	80	DFT-256QAM	H	Outer_Full	77.138	80.640	PASS
N41	30	80	CP-QPSK	H	Outer_Full	77.642	81.280	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.635	81.120	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.420	81.120	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.428	81.280	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.441	89.460	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.476	89.460	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.397	89.280	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.665	89.460	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	85.449	89.280	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.299	91.080	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.251	91.260	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.293	91.080	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.078	91.260	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.712	89.460	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.810	89.640	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.824	89.640	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.900	89.640	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.694	89.460	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.608	91.260	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.532	91.260	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.613	91.260	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.423	91.260	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.464	89.460	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.458	89.460	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.585	89.460	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.738	89.460	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	85.446	89.100	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.408	91.440	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.387	91.080	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.407	91.080	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.188	91.260	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	96.152	100.200	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.126	100.400	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.106	100.400	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.102	100.200	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	96.275	100.200	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.267	101.200	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 19 of 208

N41	30	100	CP-16QAM	L	Outer_Full	97.464	101.400	PASS
N41	30	100	CP-64QAM	L	Outer_Full	97.370	101.400	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.243	101.200	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.451	100.400	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.418	100.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.383	100.600	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.405	100.400	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.592	100.400	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.551	101.400	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.703	101.800	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.656	101.400	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.512	101.200	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.157	100.200	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.166	100.200	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.149	100.200	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.112	100.200	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	96.355	100.200	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.300	101.400	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.499	101.600	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.459	101.400	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.270	101.200	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 20 of 208

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	17.835	19.480	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.782	19.400	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.833	19.120	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.760	19.240	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	17.786	18.960	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.145	19.440	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.230	19.560	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.237	19.800	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.211	19.440	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.746	18.880	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.855	19.040	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.839	19.080	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.797	19.160	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.745	18.840	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.241	19.480	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.283	19.360	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.276	19.520	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.213	19.640	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.839	18.800	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.887	18.920	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.959	19.040	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.865	19.040	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	17.790	18.840	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.255	19.400	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.243	19.320	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.249	19.520	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.226	19.400	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.711	28.020	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.676	28.320	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.810	28.140	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.715	28.200	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	26.697	27.900	PASS
N41	30	30	CP-QPSK	L	Outer_Full	27.922	29.400	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 21 of 208

N41	30	30	CP-16QAM	L	Outer_Full	27.820	29.160	PASS
N41	30	30	CP-64QAM	L	Outer_Full	27.871	30.120	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.770	29.460	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.752	27.780	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.797	28.440	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.769	28.200	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.795	28.200	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.873	28.380	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.893	29.340	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.837	29.520	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.935	29.520	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.905	29.280	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.844	28.440	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.712	27.840	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.699	28.380	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.725	28.440	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	26.915	28.620	PASS
N41	30	30	CP-QPSK	H	Outer_Full	27.920	29.280	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.822	29.940	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.829	30.360	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.838	29.760	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.811	37.360	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.716	37.840	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.708	37.520	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.769	37.920	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	35.754	38.000	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.771	39.680	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.838	39.840	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.848	39.760	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.878	39.760	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.677	37.280	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.731	37.520	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.708	37.680	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.705	37.520	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.753	37.440	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.886	39.600	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.915	39.840	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.929	39.760	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 22 of 208

N41	30	40	CP-256QAM	M	Outer_Full	37.865	39.440	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.661	37.280	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.710	37.680	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.685	37.440	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.818	37.680	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	35.736	37.520	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.885	39.840	PASS
N41	30	40	CP-16QAM	H	Outer_Full	37.832	40.000	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.741	39.680	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.852	39.840	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.726	47.600	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.713	47.900	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.601	47.400	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.565	47.400	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	45.535	47.600	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.552	49.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.359	49.800	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.493	49.400	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.512	49.400	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.687	47.700	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.725	48.100	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.741	47.400	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.792	47.500	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.789	47.300	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.370	49.300	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.401	49.400	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.298	49.700	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.488	49.500	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.740	47.400	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.750	47.900	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.831	47.600	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.784	47.800	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	45.487	47.500	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.470	49.300	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.419	49.400	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.467	49.300	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.321	49.300	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	57.815	60.240	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 23 of 208

N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.932	60.120	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.872	60.120	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.906	59.880	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	57.711	59.760	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.635	60.000	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.902	60.000	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.891	59.760	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.748	59.640	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.802	60.120	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.895	60.000	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.880	59.880	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.779	59.520	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.803	60.000	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.764	59.760	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.525	60.000	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.761	59.880	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.841	59.640	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.576	59.640	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.755	60.000	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	57.889	59.880	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	57.913	59.640	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	57.855	60.240	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.748	59.880	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.696	59.880	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.894	60.120	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.747	60.120	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.285	66.500	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.228	66.360	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.243	66.080	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.268	66.220	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	64.278	66.500	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.286	69.860	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.329	69.720	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.541	69.440	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.122	69.440	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.158	66.360	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.280	66.360	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.191	66.360	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 24 of 208

N41	30	70	DFT-64QAM	M	Outer_Full	64.239	66.220	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.142	66.220	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.420	69.720	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.341	69.440	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.012	69.440	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.337	69.440	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.302	66.780	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.407	66.220	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.399	66.360	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.187	66.360	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	64.280	66.220	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.437	69.580	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.254	69.440	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.492	69.580	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.261	69.440	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	76.997	80.160	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	77.072	80.320	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.334	80.000	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.011	80.320	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	77.229	80.320	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.294	80.800	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.423	80.640	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.410	80.640	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.339	80.640	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.100	80.320	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.078	80.320	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.170	80.480	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	76.947	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.367	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.466	80.480	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.601	80.800	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.371	80.800	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.206	80.640	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.154	80.480	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.105	80.320	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.109	80.320	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	76.985	80.480	PASS
N41	30	80	DFT-256QAM	H	Outer_Full	77.233	80.480	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 25 of 208

N41	30	80	CP-QPSK	H	Outer_Full	77.459	80.800	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.417	81.120	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.331	80.480	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.356	80.480	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.565	89.100	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.803	88.920	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.536	88.740	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.565	88.920	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	85.537	88.740	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.268	90.540	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.436	90.720	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.211	90.720	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.290	90.720	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.656	89.100	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.335	88.920	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.465	88.920	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.533	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.537	88.920	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.255	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.391	90.720	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.387	90.720	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.365	90.720	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.556	89.280	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.708	88.920	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.848	88.920	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.612	88.920	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	85.758	88.920	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.523	90.540	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.449	90.720	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.223	90.720	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.496	90.720	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	96.163	99.800	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.359	99.600	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.463	99.800	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.024	100.000	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	96.359	99.800	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.299	100.800	PASS
N41	30	100	CP-16QAM	L	Outer_Full	97.279	100.800	PASS



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Report No.: SEWA2309000114RG10

Rev.: 01

Page: 26 of 208

N41	30	100	CP-64QAM	L	Outer_Full	97.074	101.000	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.527	100.800	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.104	99.800	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.468	99.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.359	99.400	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.075	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.340	100.000	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.259	100.800	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.417	101.000	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.135	101.000	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.432	101.000	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.233	99.800	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.469	99.800	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.236	99.800	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.233	100.000	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	96.461	99.400	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.523	100.800	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.492	101.200	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.092	100.600	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.179	100.800	PASS



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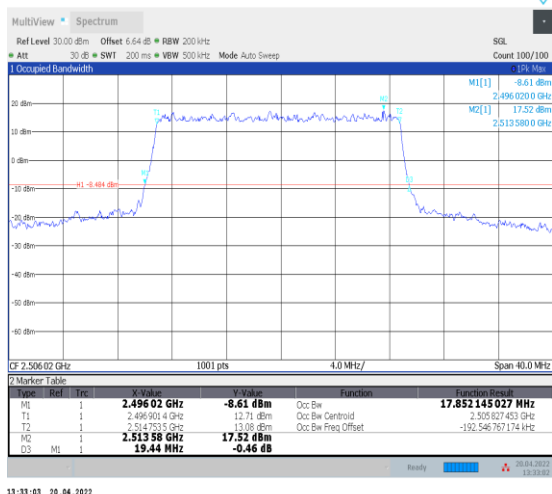
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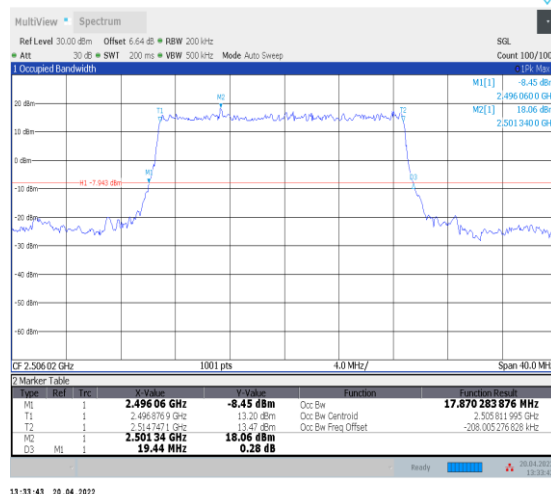
Rev.: 01

Page: 27 of 208

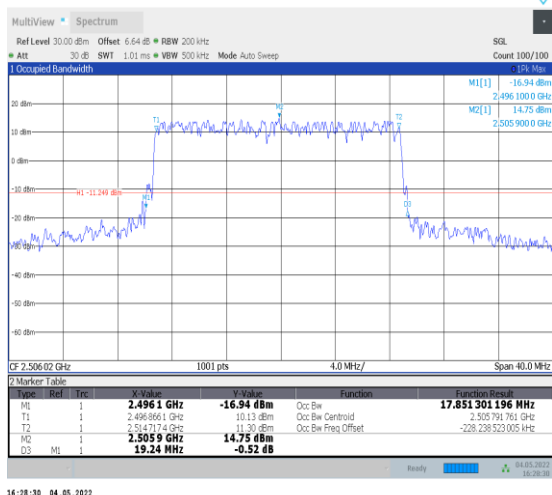
Test Graphs



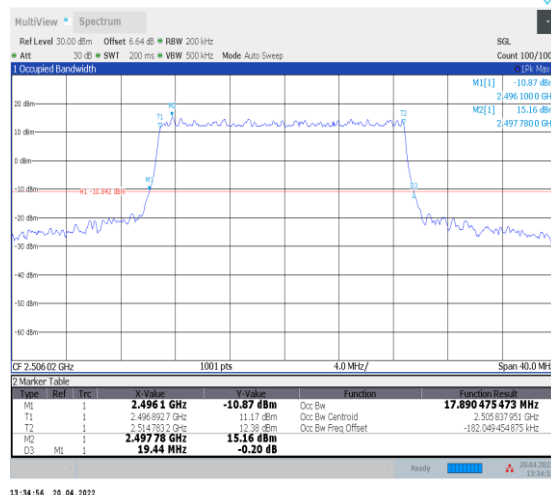
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-17.852-19.440-≤20-PASS



1-N41--30-20-L-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt0-17.87-19.440-≤20-PASS



1-N41--30-20-L-3-DFT-16QAM-Outer_Full-50@0-Ant
0-17.851-19.240-≤20-PASS



1-N41--30-20-L-4-DFT-64QAM-Outer_Full-50@0-Ant
t0-17.89-19.440-≤20-PASS



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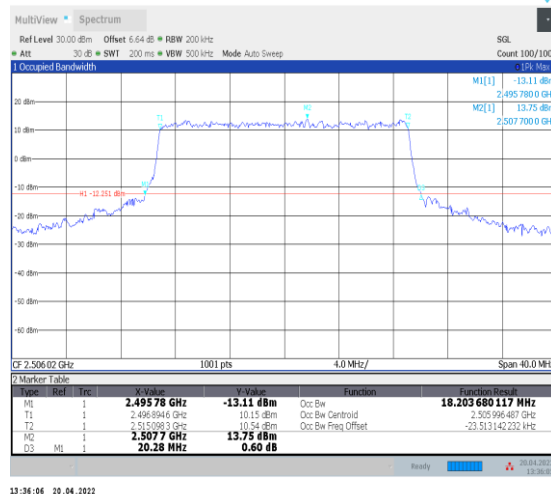
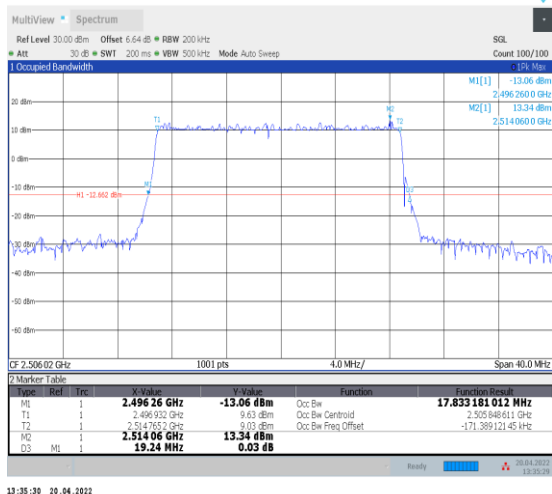
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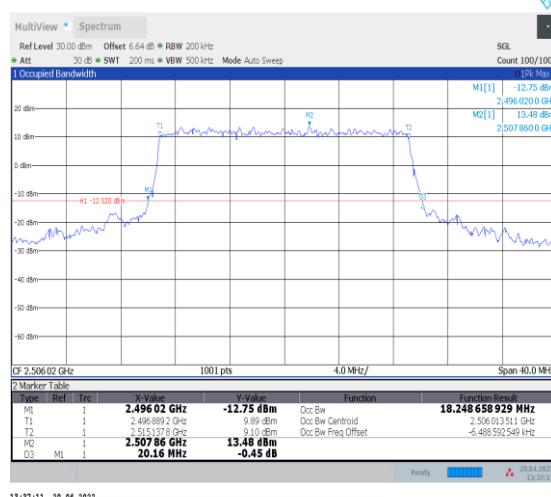
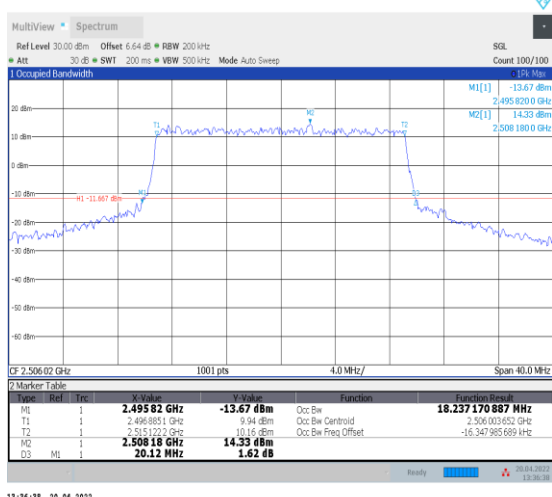
Rev.: 01

Page: 28 of 208



1-N41--30-20-L-5-DFT-256QAM-Outer_Full-50@0-A
nt0-17.833-19.240-≤20-PASS

1-N41--30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-
18.204-20.280-≤20-PASS



1-N41--30-20-L-7-CP-16QAM-Outer_Full-51@0-Ant0
-18.237-20.120-≤20-PASS

1-N41--30-20-L-8-CP-64QAM-Outer_Full-51@0-Ant
0-18.249-20.160-≤20-PASS



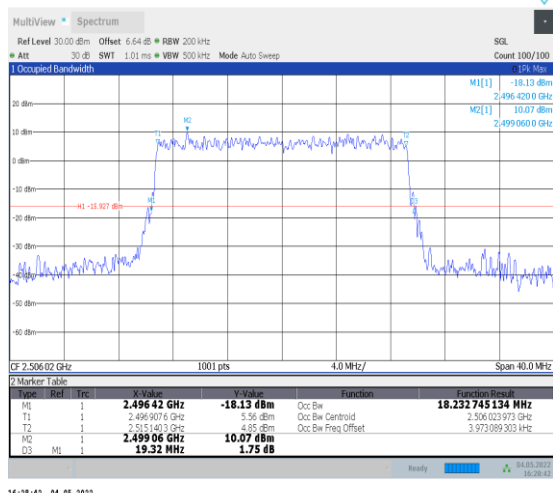
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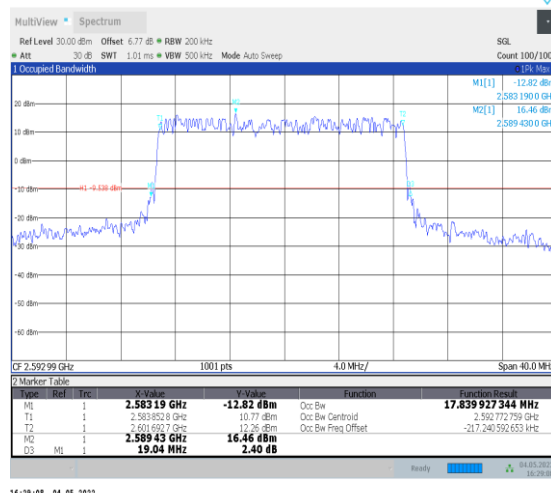
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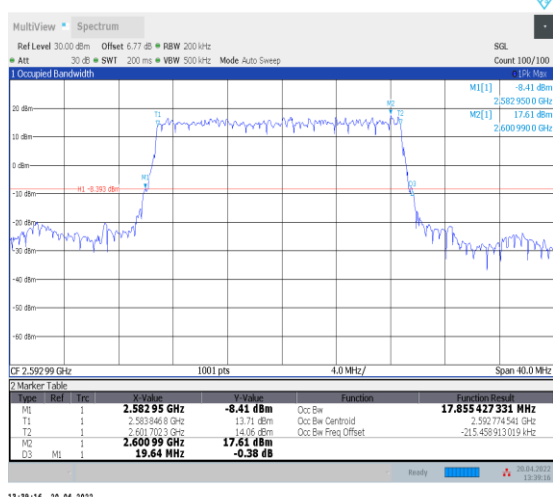
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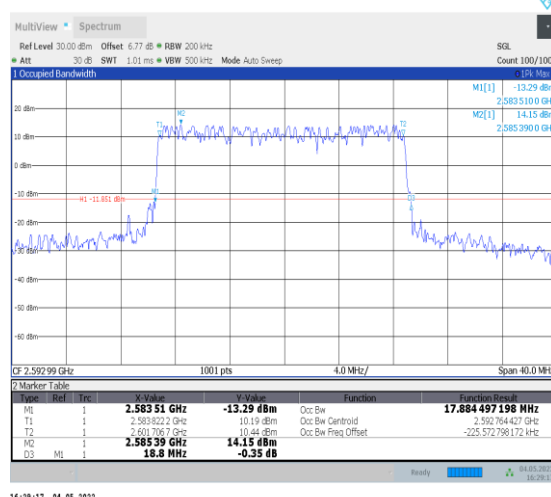
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0-18.233-19.320-≤20-PASS



1-N41--30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant
0-17.84-19.040-≤20-PASS



1-N41--30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-
Ant0-17.855-19.640-≤20-PASS



1-N41--30-20-M-3-DFT-16QAM-Outer_Full-50@0-A
nt0-17.884-18.800≤20-PASS



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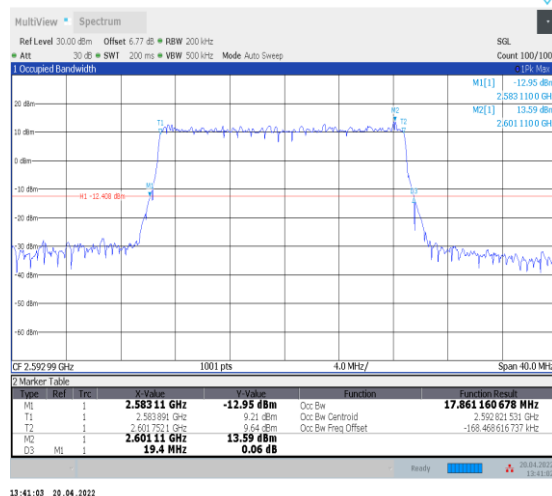
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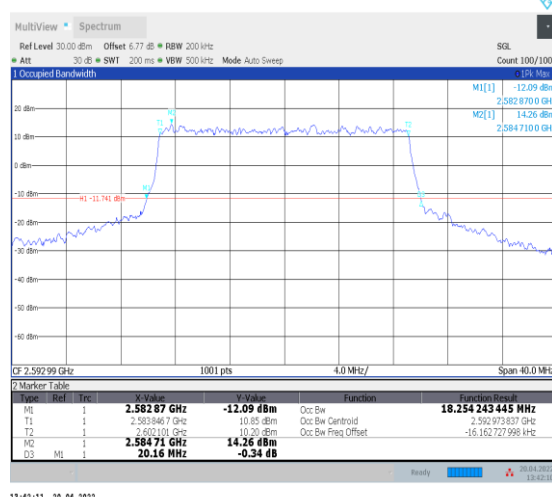
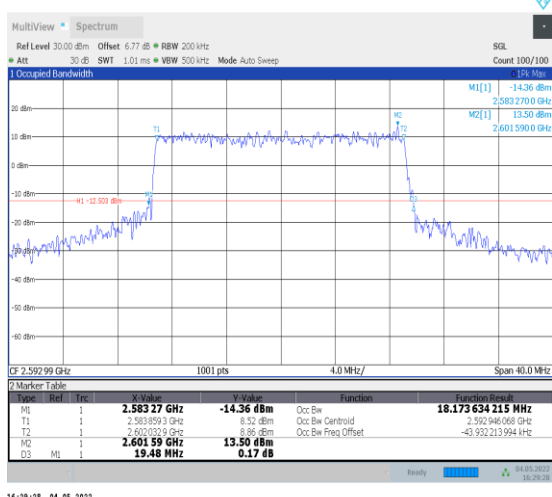
Rev.: 01

Page: 30 of 208



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1-N41--30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant0-17.861-19.400-<20-PASS



1-N41--30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant0-18.174-19.480-<20-PASS

1-N41--30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant0-18.254-20.160-<20-PASS



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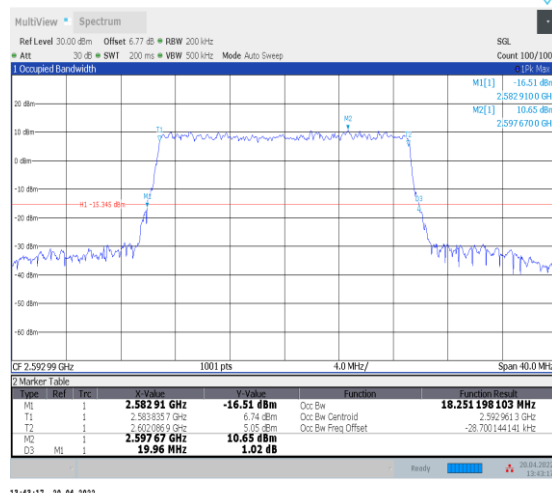
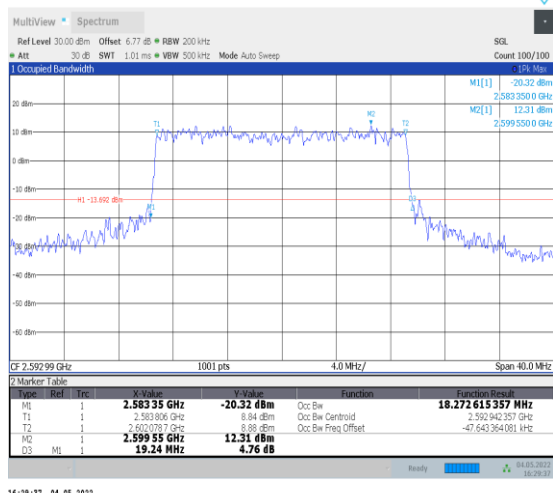
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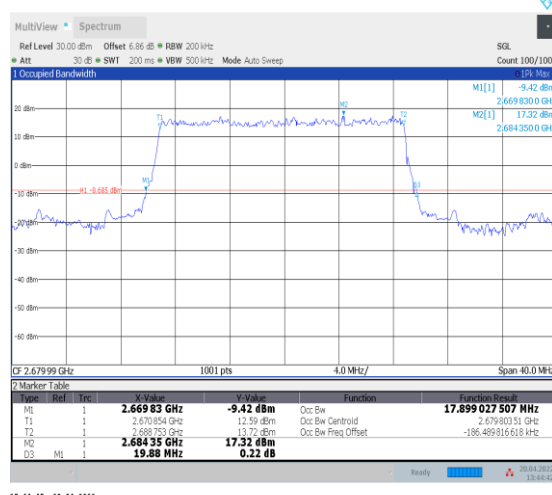
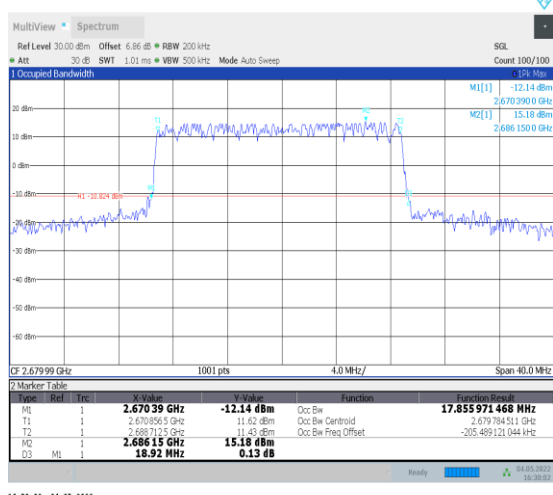
Rev.: 01

Page: 31 of 208



1-N41--30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant
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1-N41--30-20-M-9-CP-256QAM-Outer_Full-51@0-A
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1-N41--30-20-H-1-DFT-QPSK-Outer_Full-50@0-Ant
0-17.856-18.920-≤20-PASS

1-N41--30-20-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
0-17.899-19.880-≤20-PASS



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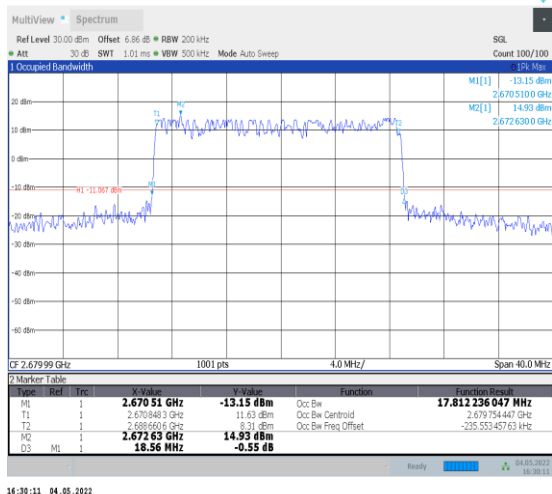
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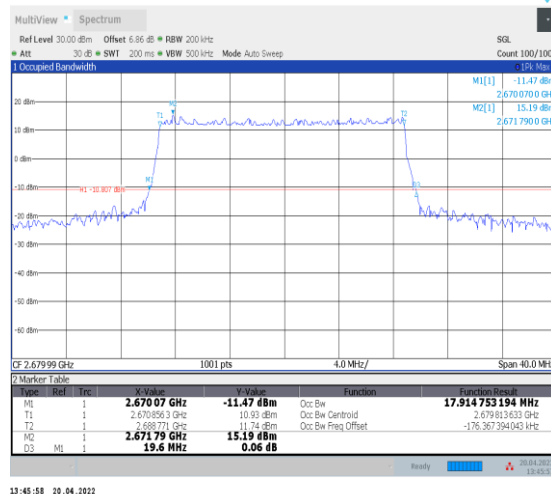
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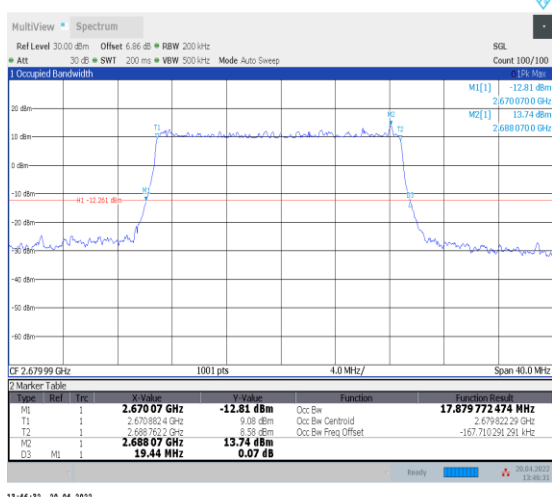
Page: 32 of 208



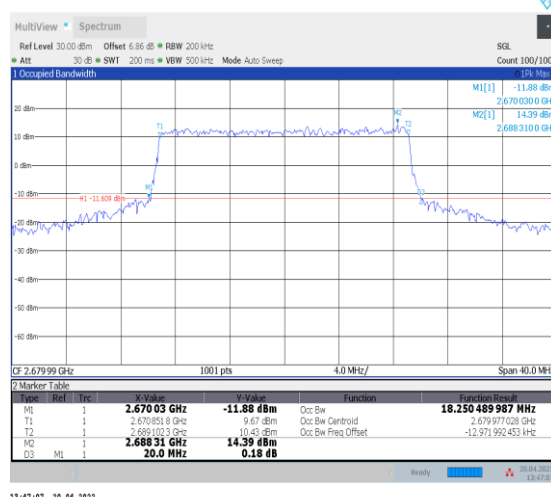
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1-N41--30-20-H-4-DFT-64QAM-Outer_Full-50@0-An
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1-N41--30-20-H-5-DFT-256QAM-Outer_Full-50@0-A
nt0-17.88-19.440-≤20-PASS



1-N41--30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-
18.25-20.000-≤20-PASS



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