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Appendix B.34

NR Band n38



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	verdict
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.34	28.48	33	pass
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.27	28.41	33	pass
N38	30	10	DFT-PI2BPSK	L	Outer_Full	26.35	28.49	33	pass
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	26.33	28.47	33	pass
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	26.28	28.42	33	pass
N38	30	10	DFT-QPSK	L	Outer_Full	26.33	28.47	33	pass
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	26.26	28.4	33	pass
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	26.24	28.38	33	pass
N38	30	10	DFT-16QAM	L	Outer_Full	25.36	27.5	33	pass
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	24.79	26.93	33	pass
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	24.71	26.85	33	pass
N38	30	10	DFT-64QAM	L	Outer_Full	24.85	26.99	33	pass
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	22.77	24.91	33	pass
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	22.79	24.93	33	pass
N38	30	10	DFT-256QAM	L	Outer_Full	22.85	24.99	33	pass
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.2	28.34	33	pass
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.13	28.27	33	pass
N38	30	10	DFT-PI2BPSK	M	Outer_Full	26.15	28.29	33	pass
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	26.15	28.29	33	pass
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	26.11	28.25	33	pass
N38	30	10	DFT-QPSK	M	Outer_Full	26.15	28.29	33	pass
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	26.13	28.27	33	pass
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	26.05	28.19	33	pass
N38	30	10	DFT-16QAM	M	Outer_Full	25.15	27.29	33	pass
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	24.65	26.79	33	pass
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	24.75	26.89	33	pass
N38	30	10	DFT-64QAM	M	Outer_Full	24.7	26.84	33	pass
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	22.74	24.88	33	pass

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N38	30	10	DFT-256QAM	M	Inner_1RB_Right	22.59	24.73	33	pass
N38	30	10	DFT-256QAM	M	Outer_Full	22.65	24.79	33	pass
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.2	28.34	33	pass
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.31	28.45	33	pass
N38	30	10	DFT-PI2BPSK	H	Outer_Full	26.32	28.46	33	pass
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	26.12	28.26	33	pass
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	26.28	28.42	33	pass
N38	30	10	DFT-QPSK	H	Outer_Full	26.33	28.47	33	pass
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	26.18	28.32	33	pass
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	26.22	28.36	33	pass
N38	30	10	DFT-16QAM	H	Outer_Full	25.33	27.47	33	pass
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	24.64	26.78	33	pass
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	24.78	26.92	33	pass
N38	30	10	DFT-64QAM	H	Outer_Full	24.79	26.93	33	pass
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	22.64	24.78	33	pass
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	22.77	24.91	33	pass
N38	30	10	DFT-256QAM	H	Outer_Full	22.81	24.95	33	pass
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.43	28.57	33	pass
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.45	28.59	33	pass
N38	30	15	DFT-PI2BPSK	L	Outer_Full	26.51	28.65	33	pass
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	26.39	28.53	33	pass
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	26.45	28.59	33	pass
N38	30	15	DFT-QPSK	L	Outer_Full	26.52	28.66	33	pass
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	26.38	28.52	33	pass
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	26.39	28.53	33	pass
N38	30	15	DFT-16QAM	L	Outer_Full	25.51	27.65	33	pass
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	24.94	27.08	33	pass
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	24.96	27.1	33	pass
N38	30	15	DFT-64QAM	L	Outer_Full	25.02	27.16	33	pass
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	22.86	25	33	pass
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	22.92	25.06	33	pass
N38	30	15	DFT-256QAM	L	Outer_Full	23.02	25.16	33	pass
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.33	28.47	33	pass

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N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.3	28.44	33	pass
N38	30	15	DFT-PI2BPSK	M	Outer_Full	26.32	28.46	33	pass
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	26.27	28.41	33	pass
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	26.3	28.44	33	pass
N38	30	15	DFT-QPSK	M	Outer_Full	26.27	28.41	33	pass
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	26.33	28.47	33	pass
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	26.22	28.36	33	pass
N38	30	15	DFT-16QAM	M	Outer_Full	25.32	27.46	33	pass
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	24.75	26.89	33	pass
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	24.77	26.91	33	pass
N38	30	15	DFT-64QAM	M	Outer_Full	24.81	26.95	33	pass
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	22.85	24.99	33	pass
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	22.72	24.86	33	pass
N38	30	15	DFT-256QAM	M	Outer_Full	22.78	24.92	33	pass
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.25	28.39	33	pass
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.42	28.56	33	pass
N38	30	15	DFT-PI2BPSK	H	Outer_Full	26.31	28.45	33	pass
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	26.29	28.43	33	pass
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	26.38	28.52	33	pass
N38	30	15	DFT-QPSK	H	Outer_Full	26.3	28.44	33	pass
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	26.21	28.35	33	pass
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	26.27	28.41	33	pass
N38	30	15	DFT-16QAM	H	Outer_Full	25.29	27.43	33	pass
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	24.72	26.86	33	pass
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	24.79	26.93	33	pass
N38	30	15	DFT-64QAM	H	Outer_Full	24.81	26.95	33	pass
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	22.75	24.89	33	pass
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	22.82	24.96	33	pass
N38	30	15	DFT-256QAM	H	Outer_Full	22.79	24.93	33	pass
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.4	28.54	33	pass
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.33	28.47	33	pass
N38	30	20	DFT-PI2BPSK	L	Outer_Full	25.36	27.5	33	pass
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	26.32	28.46	33	pass

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N38	30	20	DFT-QPSK	L	Inner_1RB_Right	26.25	28.39	33	pass
N38	30	20	DFT-QPSK	L	Outer_Full	25.21	27.35	33	pass
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.52	26.66	33	pass
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	24.36	26.5	33	pass
N38	30	20	DFT-16QAM	L	Outer_Full	24.72	26.86	33	pass
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	24.23	26.37	33	pass
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	24.36	26.5	33	pass
N38	30	20	DFT-64QAM	L	Outer_Full	23.32	25.46	33	pass
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	22.36	24.5	33	pass
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	22.52	24.66	33	pass
N38	30	20	DFT-256QAM	L	Outer_Full	22.36	24.5	33	pass
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.36	28.5	33	pass
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.31	28.45	33	pass
N38	30	20	DFT-PI2BPSK	M	Outer_Full	26.29	28.43	33	pass
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	26.35	28.49	33	pass
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	26.3	28.44	33	pass
N38	30	20	DFT-QPSK	M	Outer_Full	26.28	28.42	33	pass
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	26.32	28.46	33	pass
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	26.23	28.37	33	pass
N38	30	20	DFT-16QAM	M	Outer_Full	25.28	27.42	33	pass
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	24.23	26.37	33	pass
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	24.29	26.43	33	pass
N38	30	20	DFT-64QAM	M	Outer_Full	24.81	26.95	33	pass
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	22.6	24.74	33	pass
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	22.59	24.73	33	pass
N38	30	20	DFT-256QAM	M	Outer_Full	22.74	24.88	33	pass
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.21	28.35	33	pass
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.35	28.49	33	pass
N38	30	20	DFT-PI2BPSK	H	Outer_Full	26.28	28.42	33	pass
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	26.23	28.37	33	pass
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	26.38	28.52	33	pass
N38	30	20	DFT-QPSK	H	Outer_Full	26.32	28.46	33	pass
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	26.25	28.39	33	pass

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N38	30	20	DFT-16QAM	H	Inner_1RB_Right	26.33	28.47	33	pass
N38	30	20	DFT-16QAM	H	Outer_Full	25.29	27.43	33	pass
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	24.58	26.72	33	pass
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	24.84	26.98	33	pass
N38	30	20	DFT-64QAM	H	Outer_Full	24.82	26.96	33	pass
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	22.65	24.79	33	pass
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	22.89	25.03	33	pass
N38	30	20	DFT-256QAM	H	Outer_Full	22.8	24.94	33	pass
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.46	28.6	33	pass
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.44	28.58	33	pass
N38	30	30	DFT-PI2BPSK	L	Outer_Full	26.41	28.55	33	pass
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	26.49	28.63	33	pass
N38	30	30	DFT-QPSK	L	Inner_1RB_Right	26.4	28.54	33	pass
N38	30	30	DFT-QPSK	L	Outer_Full	26.41	28.55	33	pass
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	26.43	28.57	33	pass
N38	30	30	DFT-16QAM	L	Inner_1RB_Right	26.43	28.57	33	pass
N38	30	30	DFT-16QAM	L	Outer_Full	25.42	27.56	33	pass
N38	30	30	DFT-64QAM	L	Inner_1RB_Left	24.84	26.98	33	pass
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	24.3	26.44	33	pass
N38	30	30	DFT-64QAM	L	Outer_Full	24.97	27.11	33	pass
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	22.74	24.88	33	pass
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	22.7	24.84	33	pass
N38	30	30	DFT-256QAM	L	Outer_Full	22.9	25.04	33	pass
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.47	28.61	33	pass
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.47	28.61	33	pass
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.29	28.43	33	pass
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	26.46	28.6	33	pass
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	26.46	28.6	33	pass
N38	30	30	DFT-QPSK	M	Outer_Full	26.33	28.47	33	pass
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	26.39	28.53	33	pass
N38	30	30	DFT-16QAM	M	Inner_1RB_Right	26.41	28.55	33	pass
N38	30	30	DFT-16QAM	M	Outer_Full	25.34	27.48	33	pass
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	24.91	27.05	33	pass

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N38	30	30	DFT-64QAM	M	Inner_1RB_Right	24.96	27.1	33	pass
N38	30	30	DFT-64QAM	M	Outer_Full	24.87	27.01	33	pass
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	22.91	25.05	33	pass
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	22.95	25.09	33	pass
N38	30	30	DFT-256QAM	M	Outer_Full	22.82	24.96	33	pass
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.35	28.49	33	pass
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.49	28.63	33	pass
N38	30	30	DFT-PI2BPSK	H	Outer_Full	26.47	28.61	33	pass
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	26.38	28.52	33	pass
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	26.49	28.63	33	pass
N38	30	30	DFT-QPSK	H	Outer_Full	26.43	28.57	33	pass
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	26.26	28.4	33	pass
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	26.47	28.61	33	pass
N38	30	30	DFT-16QAM	H	Outer_Full	25.43	27.57	33	pass
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	24.87	27.01	33	pass
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	25.06	27.2	33	pass
N38	30	30	DFT-64QAM	H	Outer_Full	24.92	27.06	33	pass
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	22.86	25	33	pass
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	23.02	25.16	33	pass
N38	30	30	DFT-256QAM	H	Outer_Full	22.95	25.09	33	pass
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.45	28.59	33	pass
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.45	28.59	33	pass
N38	30	40	DFT-PI2BPSK	L	Outer_Full	26.38	28.52	33	pass
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	26.44	28.58	33	pass
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	26.43	28.57	33	pass
N38	30	40	DFT-QPSK	L	Outer_Full	25.63	27.77	33	pass
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	26.46	28.6	33	pass
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	26.52	28.66	33	pass
N38	30	40	DFT-16QAM	L	Outer_Full	25.34	27.48	33	pass
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	24.93	27.07	33	pass
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	24.8	26.94	33	pass
N38	30	40	DFT-64QAM	L	Outer_Full	24.92	27.06	33	pass
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	23	25.14	33	pass

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N38	30	40	DFT-256QAM	L	Inner_1RB_Right	22.86	25	33	pass
N38	30	40	DFT-256QAM	L	Outer_Full	22.87	25.01	33	pass
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.55	28.69	33	pass
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.48	28.62	33	pass
N38	30	40	DFT-PI2BPSK	M	Outer_Full	26.36	28.5	33	pass
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	26.59	28.73	33	pass
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	26.45	28.59	33	pass
N38	30	40	DFT-QPSK	M	Outer_Full	26.35	28.49	33	pass
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	26.58	28.72	33	pass
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	26.45	28.59	33	pass
N38	30	40	DFT-16QAM	M	Outer_Full	25.32	27.46	33	pass
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	24.95	27.09	33	pass
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	24.81	26.95	33	pass
N38	30	40	DFT-64QAM	M	Outer_Full	24.84	26.98	33	pass
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	23.1	25.24	33	pass
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	22.95	25.09	33	pass
N38	30	40	DFT-256QAM	M	Outer_Full	22.88	25.02	33	pass
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.55	28.69	33	pass
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.51	28.65	33	pass
N38	30	40	DFT-PI2BPSK	H	Outer_Full	26.51	28.65	33	pass
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	26.56	28.7	33	pass
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	26.44	28.58	33	pass
N38	30	40	DFT-QPSK	H	Outer_Full	26.51	28.65	33	pass
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	26.56	28.7	33	pass
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	26.45	28.59	33	pass
N38	30	40	DFT-16QAM	H	Outer_Full	25.47	27.61	33	pass
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	25.05	27.19	33	pass
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	24.87	27.01	33	pass
N38	30	40	DFT-64QAM	H	Outer_Full	24.99	27.13	33	pass
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	23.02	25.16	33	pass
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	22.94	25.08	33	pass
N38	30	40	DFT-256QAM	H	Outer_Full	23.02	25.16	33	pass

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Effective (Isotropic) Radiated Power Output Data for UL MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	ANT1	ANT2	Total	EIRP	LIMIT	verdict
N38	30	10	CP-QPSK	L	Inner_1RB_Left	22.2	22.12	25.17	27.31	33	pass
N38	30	10	CP-QPSK	L	Inner_1RB_Right	21.86	22.44	25.17	27.31	33	pass
N38	30	10	CP-QPSK	L	Outer_Full	20.28	20.49	23.39	25.53	33	pass
N38	30	10	CP-16QAM	L	Inner_1RB_Left	21.3	21.46	24.39	26.53	33	pass
N38	30	10	CP-16QAM	L	Inner_1RB_Right	21.29	21.46	24.38	26.52	33	pass
N38	30	10	CP-16QAM	L	Outer_Full	20.25	20.52	23.4	25.54	33	pass
N38	30	10	CP-64QAM	L	Inner_1RB_Left	19.92	19.32	22.64	24.78	33	pass
N38	30	10	CP-64QAM	L	Inner_1RB_Right	19.71	19.55	22.64	24.78	33	pass
N38	30	10	CP-64QAM	L	Outer_Full	19.72	19.95	22.85	24.99	33	pass
N38	30	10	CP-256QAM	L	Inner_1RB_Left	16.6	16.53	19.57	21.71	33	pass
N38	30	10	CP-256QAM	L	Inner_1RB_Right	16.41	16.8	19.62	21.76	33	pass
N38	30	10	CP-256QAM	L	Outer_Full	16.53	16.73	19.64	21.78	33	pass
N38	30	10	CP-QPSK	M	Inner_1RB_Left	22.18	21.79	25	27.14	33	pass
N38	30	10	CP-QPSK	M	Inner_1RB_Right	22.19	22.18	25.2	27.34	33	pass
N38	30	10	CP-QPSK	M	Outer_Full	20.55	20.23	23.4	25.54	33	pass
N38	30	10	CP-16QAM	M	Inner_1RB_Left	21.25	21.28	24.28	26.42	33	pass
N38	30	10	CP-16QAM	M	Inner_1RB_Right	21.53	21.53	24.54	26.68	33	pass
N38	30	10	CP-16QAM	M	Outer_Full	20.5	20.27	23.4	25.54	33	pass
N38	30	10	CP-64QAM	M	Inner_1RB_Left	19.86	19.15	22.53	24.67	33	pass
N38	30	10	CP-64QAM	M	Inner_1RB_Right	20.18	19.2	22.72	24.86	33	pass
N38	30	10	CP-64QAM	M	Outer_Full	19.96	19.74	22.86	25	33	pass
N38	30	10	CP-256QAM	M	Inner_1RB_Left	16.7	16.41	19.57	21.71	33	pass
N38	30	10	CP-256QAM	M	Inner_1RB_Right	16.9	16.48	19.71	21.85	33	pass
N38	30	10	CP-256QAM	M	Outer_Full	16.75	16.54	19.66	21.8	33	pass
N38	30	10	CP-QPSK	H	Inner_1RB_Left	22.16	22.16	25.17	27.31	33	pass
N38	30	10	CP-QPSK	H	Inner_1RB_Right	22.33	22	25.18	27.32	33	pass
N38	30	10	CP-QPSK	H	Outer_Full	20.6	20.34	23.48	25.62	33	pass
N38	30	10	CP-16QAM	H	Inner_1RB_Left	21.38	21.41	24.4	26.54	33	pass
N38	30	10	CP-16QAM	H	Inner_1RB_Right	21.5	21.37	24.44	26.58	33	pass

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N38	30	10	CP-16QAM	H	Outer_Full	20.55	20.38	23.48	25.62	33	pass
N38	30	10	CP-64QAM	H	Inner_1RB_Left	20	19.26	22.66	24.8	33	pass
N38	30	10	CP-64QAM	H	Inner_1RB_Right	20.42	19.31	22.91	25.05	33	pass
N38	30	10	CP-64QAM	H	Outer_Full	20.06	19.81	22.95	25.09	33	pass
N38	30	10	CP-256QAM	H	Inner_1RB_Left	16.8	16.57	19.7	21.84	33	pass
N38	30	10	CP-256QAM	H	Inner_1RB_Right	17.03	16.49	19.78	21.92	33	pass
N38	30	10	CP-256QAM	H	Outer_Full	17.02	16.64	19.84	21.98	33	pass
N38	30	15	CP-QPSK	L	Inner_1RB_Left	22.04	22.34	25.2	27.34	33	pass
N38	30	15	CP-QPSK	L	Inner_1RB_Right	22.04	22.71	25.4	27.54	33	pass
N38	30	15	CP-QPSK	L	Outer_Full	20.46	20.76	23.62	25.76	33	pass
N38	30	15	CP-16QAM	L	Inner_1RB_Left	21.5	21.79	24.66	26.8	33	pass
N38	30	15	CP-16QAM	L	Inner_1RB_Right	21.16	21.93	24.58	26.72	33	pass
N38	30	15	CP-16QAM	L	Outer_Full	20.49	20.75	23.63	25.77	33	pass
N38	30	15	CP-64QAM	L	Inner_1RB_Left	19.95	19.42	22.71	24.85	33	pass
N38	30	15	CP-64QAM	L	Inner_1RB_Right	19.89	19.76	22.84	24.98	33	pass
N38	30	15	CP-64QAM	L	Outer_Full	19.93	20.2	23.08	25.22	33	pass
N38	30	15	CP-256QAM	L	Inner_1RB_Left	16.79	16.72	19.76	21.9	33	pass
N38	30	15	CP-256QAM	L	Inner_1RB_Right	16.68	16.99	19.85	21.99	33	pass
N38	30	15	CP-256QAM	L	Outer_Full	16.7	16.95	19.83	21.97	33	pass
N38	30	15	CP-QPSK	M	Inner_1RB_Left	22.21	22.42	25.33	27.47	33	pass
N38	30	15	CP-QPSK	M	Inner_1RB_Right	22.63	22.28	25.47	27.61	33	pass
N38	30	15	CP-QPSK	M	Outer_Full	20.81	20.59	23.71	25.85	33	pass
N38	30	15	CP-16QAM	M	Inner_1RB_Left	21.33	21.79	24.58	26.72	33	pass
N38	30	15	CP-16QAM	M	Inner_1RB_Right	21.63	21.72	24.69	26.83	33	pass
N38	30	15	CP-16QAM	M	Outer_Full	20.78	20.6	23.7	25.84	33	pass
N38	30	15	CP-64QAM	M	Inner_1RB_Left	20.04	19.43	22.76	24.9	33	pass
N38	30	15	CP-64QAM	M	Inner_1RB_Right	20.3	19.57	22.96	25.1	33	pass
N38	30	15	CP-64QAM	M	Outer_Full	20.22	20.08	23.16	25.3	33	pass
N38	30	15	CP-256QAM	M	Inner_1RB_Left	16.88	16.79	19.84	21.98	33	pass
N38	30	15	CP-256QAM	M	Inner_1RB_Right	17.04	16.88	19.97	22.11	33	pass
N38	30	15	CP-256QAM	M	Outer_Full	16.98	16.78	19.89	22.03	33	pass
N38	30	15	CP-QPSK	H	Inner_1RB_Left	22.3	22.35	25.34	27.48	33	pass
N38	30	15	CP-QPSK	H	Inner_1RB_Right	22.44	22.16	25.31	27.45	33	pass

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N38	30	15	CP-QPSK	H	Outer_Full	20.8	20.61	23.72	25.86	33	pass
N38	30	15	CP-16QAM	H	Inner_1RB_Left	21.43	21.7	24.58	26.72	33	pass
N38	30	15	CP-16QAM	H	Inner_1RB_Right	21.72	21.65	24.7	26.84	33	pass
N38	30	15	CP-16QAM	H	Outer_Full	20.76	20.61	23.7	25.84	33	pass
N38	30	15	CP-64QAM	H	Inner_1RB_Left	20.26	19.47	22.89	25.03	33	pass
N38	30	15	CP-64QAM	H	Inner_1RB_Right	20.26	19.55	22.93	25.07	33	pass
N38	30	15	CP-64QAM	H	Outer_Full	20.23	20.1	23.18	25.32	33	pass
N38	30	15	CP-256QAM	H	Inner_1RB_Left	16.98	16.76	19.88	22.02	33	pass
N38	30	15	CP-256QAM	H	Inner_1RB_Right	17.1	16.8	19.96	22.1	33	pass
N38	30	15	CP-256QAM	H	Outer_Full	16.98	16.79	19.89	22.03	33	pass
N38	30	20	CP-QPSK	L	Inner_1RB_Left	22.23	21.96	25.11	27.25	33	pass
N38	30	20	CP-QPSK	L	Inner_1RB_Right	22.19	22.23	25.22	27.36	33	pass
N38	30	20	CP-QPSK	L	Outer_Full	20.41	20.66	23.54	25.68	33	pass
N38	30	20	CP-16QAM	L	Inner_1RB_Left	21.42	21.52	24.48	26.62	33	pass
N38	30	20	CP-16QAM	L	Inner_1RB_Right	21.6	21.57	24.6	26.74	33	pass
N38	30	20	CP-16QAM	L	Outer_Full	20.34	20.62	23.49	25.63	33	pass
N38	30	20	CP-64QAM	L	Inner_1RB_Left	19.94	19.39	22.68	24.82	33	pass
N38	30	20	CP-64QAM	L	Inner_1RB_Right	20.02	19.55	22.8	24.94	33	pass
N38	30	20	CP-64QAM	L	Outer_Full	19.93	20.18	23.07	25.21	33	pass
N38	30	20	CP-256QAM	L	Inner_1RB_Left	16.75	16.63	19.7	21.84	33	pass
N38	30	20	CP-256QAM	L	Inner_1RB_Right	16.91	16.81	19.87	22.01	33	pass
N38	30	20	CP-256QAM	L	Outer_Full	16.64	16.95	19.81	21.95	33	pass
N38	30	20	CP-QPSK	M	Inner_1RB_Left	22.06	22.32	25.2	27.34	33	pass
N38	30	20	CP-QPSK	M	Inner_1RB_Right	22.62	22.28	25.47	27.61	33	pass
N38	30	20	CP-QPSK	M	Outer_Full	20.76	20.54	23.67	25.81	33	pass
N38	30	20	CP-16QAM	M	Inner_1RB_Left	21.22	21.76	24.51	26.65	33	pass
N38	30	20	CP-16QAM	M	Inner_1RB_Right	21.78	21.87	24.83	26.97	33	pass
N38	30	20	CP-16QAM	M	Outer_Full	20.66	20.51	23.6	25.74	33	pass
N38	30	20	CP-64QAM	M	Inner_1RB_Left	20	19.46	22.75	24.89	33	pass
N38	30	20	CP-64QAM	M	Inner_1RB_Right	20.32	19.56	22.97	25.11	33	pass
N38	30	20	CP-64QAM	M	Outer_Full	20.24	20.17	23.22	25.36	33	pass
N38	30	20	CP-256QAM	M	Inner_1RB_Left	16.78	16.75	19.77	21.91	33	pass
N38	30	20	CP-256QAM	M	Inner_1RB_Right	17	16.73	19.88	22.02	33	pass

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Performance Metrics for N38 Cells											
Cell ID	Subcarrier Spacing (kHz)	Number of Subcarriers	Modulation	Antenna Polarization	Resource Block Type	Outer Coding	Inner Coding	Rate (Mbps)	Throughput (Mbps)	BER	Efficiency (%)
N38	30	20	CP-256QAM	M	Outer_Full	16.9	16.83	19.88	22.02	33	pass
N38	30	20	CP-QPSK	H	Inner_1RB_Left	22.29	22.25	25.28	27.42	33	pass
N38	30	20	CP-QPSK	H	Inner_1RB_Right	22.44	22.45	25.46	27.6	33	pass
N38	30	20	CP-QPSK	H	Outer_Full	20.75	20.64	23.71	25.85	33	pass
N38	30	20	CP-16QAM	H	Inner_1RB_Left	21.6	21.53	24.57	26.71	33	pass
N38	30	20	CP-16QAM	H	Inner_1RB_Right	21.73	21.69	24.72	26.86	33	pass
N38	30	20	CP-16QAM	H	Outer_Full	20.71	20.76	23.74	25.88	33	pass
N38	30	20	CP-64QAM	H	Inner_1RB_Left	20.29	19.49	22.92	25.06	33	pass
N38	30	20	CP-64QAM	H	Inner_1RB_Right	20.24	19.67	22.98	25.12	33	pass
N38	30	20	CP-64QAM	H	Outer_Full	20.26	20.31	23.3	25.44	33	pass
N38	30	20	CP-256QAM	H	Inner_1RB_Left	17.01	16.79	19.91	22.05	33	pass
N38	30	20	CP-256QAM	H	Inner_1RB_Right	17.18	16.88	20.04	22.18	33	pass
N38	30	20	CP-256QAM	H	Outer_Full	16.52	17.02	19.79	21.93	33	pass
N38	30	30	CP-QPSK	L	Inner_1RB_Left	22.22	22.26	25.25	27.39	33	pass
N38	30	30	CP-QPSK	L	Inner_1RB_Right	22.8	22.61	25.72	27.86	33	pass
N38	30	30	CP-QPSK	L	Outer_Full	20.68	20.72	23.71	25.85	33	pass
N38	30	30	CP-16QAM	L	Inner_1RB_Left	21.74	21.87	24.81	26.95	33	pass
N38	30	30	CP-16QAM	L	Inner_1RB_Right	22.03	21.95	25	27.14	33	pass
N38	30	30	CP-16QAM	L	Outer_Full	20.58	20.72	23.66	25.8	33	pass
N38	30	30	CP-64QAM	L	Inner_1RB_Left	20.09	19.58	22.85	24.99	33	pass
N38	30	30	CP-64QAM	L	Inner_1RB_Right	20.43	19.69	23.09	25.23	33	pass
N38	30	30	CP-64QAM	L	Outer_Full	20.04	20.19	23.13	25.27	33	pass
N38	30	30	CP-256QAM	L	Inner_1RB_Left	16.86	16.88	19.88	22.02	33	pass
N38	30	30	CP-256QAM	L	Inner_1RB_Right	17.14	17.08	20.12	22.26	33	pass
N38	30	30	CP-256QAM	L	Outer_Full	16.99	17.05	20.03	22.17	33	pass
N38	30	30	CP-QPSK	M	Inner_1RB_Left	22.09	22.66	25.39	27.53	33	pass
N38	30	30	CP-QPSK	M	Inner_1RB_Right	22.68	22.75	25.72	27.86	33	pass
N38	30	30	CP-QPSK	M	Outer_Full	20.74	20.79	23.78	25.92	33	pass
N38	30	30	CP-16QAM	M	Inner_1RB_Left	21.64	22.01	24.84	26.98	33	pass
N38	30	30	CP-16QAM	M	Inner_1RB_Right	22.04	22.16	25.11	27.25	33	pass
N38	30	30	CP-16QAM	M	Outer_Full	20.76	20.78	23.78	25.92	33	pass
N38	30	30	CP-64QAM	M	Inner_1RB_Left	19.83	19.83	22.84	24.98	33	pass
N38	30	30	CP-64QAM	M	Inner_1RB_Right	20.46	19.85	23.18	25.32	33	pass

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N38	30	30	CP-64QAM	M	Outer_Full	20.29	20.21	23.26	25.4	33	pass
N38	30	30	CP-256QAM	M	Inner_1RB_Left	16.79	17.09	19.95	22.09	33	pass
N38	30	30	CP-256QAM	M	Inner_1RB_Right	17.18	17.16	20.18	22.32	33	pass
N38	30	30	CP-256QAM	M	Outer_Full	17.05	17.1	20.09	22.23	33	pass
N38	30	30	CP-QPSK	H	Inner_1RB_Left	22.46	22.6	25.54	27.68	33	pass
N38	30	30	CP-QPSK	H	Inner_1RB_Right	22.74	22.9	25.83	27.97	33	pass
N38	30	30	CP-QPSK	H	Outer_Full	20.88	20.7	23.8	25.94	33	pass
N38	30	30	CP-16QAM	H	Inner_1RB_Left	21.9	21.53	24.73	26.87	33	pass
N38	30	30	CP-16QAM	H	Inner_1RB_Right	22.01	21.97	25	27.14	33	pass
N38	30	30	CP-16QAM	H	Outer_Full	20.88	20.77	23.83	25.97	33	pass
N38	30	30	CP-64QAM	H	Inner_1RB_Left	20.23	19.56	22.92	25.06	33	pass
N38	30	30	CP-64QAM	H	Inner_1RB_Right	20.7	19.8	23.28	25.42	33	pass
N38	30	30	CP-64QAM	H	Outer_Full	20.39	20.26	23.33	25.47	33	pass
N38	30	30	CP-256QAM	H	Inner_1RB_Left	17.06	16.87	19.98	22.12	33	pass
N38	30	30	CP-256QAM	H	Inner_1RB_Right	17.31	17.13	20.23	22.37	33	pass
N38	30	30	CP-256QAM	H	Outer_Full	17.25	17.08	20.18	22.32	33	pass
N38	30	40	CP-QPSK	L	Inner_1RB_Left	22.25	22.25	25.26	27.4	33	pass
N38	30	40	CP-QPSK	L	Inner_1RB_Right	22.64	22.83	25.75	27.89	33	pass
N38	30	40	CP-QPSK	L	Outer_Full	20.74	20.79	23.78	25.92	33	pass
N38	30	40	CP-16QAM	L	Inner_1RB_Left	21.5	21.73	24.63	26.77	33	pass
N38	30	40	CP-16QAM	L	Inner_1RB_Right	21.8	21.96	24.89	27.03	33	pass
N38	30	40	CP-16QAM	L	Outer_Full	20.73	20.79	23.77	25.91	33	pass
N38	30	40	CP-64QAM	L	Inner_1RB_Left	20.09	19.63	22.87	25.01	33	pass
N38	30	40	CP-64QAM	L	Inner_1RB_Right	20.28	19.86	23.08	25.22	33	pass
N38	30	40	CP-64QAM	L	Outer_Full	20.21	20.26	23.24	25.38	33	pass
N38	30	40	CP-256QAM	L	Inner_1RB_Left	16.86	16.87	19.88	22.02	33	pass
N38	30	40	CP-256QAM	L	Inner_1RB_Right	17.19	17.07	20.14	22.28	33	pass
N38	30	40	CP-256QAM	L	Outer_Full	16.96	17.1	20.05	22.19	33	pass
N38	30	40	CP-QPSK	M	Inner_1RB_Left	22.11	22.78	25.47	27.61	33	pass
N38	30	40	CP-QPSK	M	Inner_1RB_Right	22.62	22.8	25.72	27.86	33	pass
N38	30	40	CP-QPSK	M	Outer_Full	20.73	20.84	23.79	25.93	33	pass
N38	30	40	CP-16QAM	M	Inner_1RB_Left	21.24	21.97	24.63	26.77	33	pass
N38	30	40	CP-16QAM	M	Inner_1RB_Right	22.08	22.22	25.16	27.3	33	pass

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N38	30	40	CP-16QAM	M	Outer_Full	20.76	20.85	23.82	25.96	33	pass
N38	30	40	CP-64QAM	M	Inner_1RB_Left	19.85	19.78	22.83	24.97	33	pass
N38	30	40	CP-64QAM	M	Inner_1RB_Right	20.38	19.88	23.14	25.28	33	pass
N38	30	40	CP-64QAM	M	Outer_Full	20.23	20.28	23.27	25.41	33	pass
N38	30	40	CP-256QAM	M	Inner_1RB_Left	16.74	16.99	19.88	22.02	33	pass
N38	30	40	CP-256QAM	M	Inner_1RB_Right	17.26	17.09	20.19	22.33	33	pass
N38	30	40	CP-256QAM	M	Outer_Full	16.99	17.17	20.09	22.23	33	pass
N38	30	40	CP-QPSK	H	Inner_1RB_Left	22.13	22.78	25.48	27.62	33	pass
N38	30	40	CP-QPSK	H	Inner_1RB_Right	22.78	22.53	25.67	27.81	33	pass
N38	30	40	CP-QPSK	H	Outer_Full	20.89	20.78	23.84	25.98	33	pass
N38	30	40	CP-16QAM	H	Inner_1RB_Left	21.43	21.88	24.67	26.81	33	pass
N38	30	40	CP-16QAM	H	Inner_1RB_Right	22.06	21.96	25.02	27.16	33	pass
N38	30	40	CP-16QAM	H	Outer_Full	20.9	20.8	23.86	26	33	pass
N38	30	40	CP-64QAM	H	Inner_1RB_Left	22.13	22.78	25.48	27.62	33	pass
N38	30	40	CP-64QAM	H	Inner_1RB_Right	20.49	19.8	23.17	25.31	33	pass
N38	30	40	CP-64QAM	H	Outer_Full	20.32	20.26	23.3	25.44	33	pass
N38	30	40	CP-256QAM	H	Inner_1RB_Left	16.85	17.07	19.97	22.11	33	pass
N38	30	40	CP-256QAM	H	Inner_1RB_Right	17.32	17.06	20.2	22.34	33	pass
N38	30	40	CP-256QAM	H	Outer_Full	17.09	17.12	20.11	22.25	33	pass

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Field Strength of Spurious Radiation

Test Band = 5G NR SA n38_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.1800	41.10	-45.33	32.96	-66.53	-25.00	41.53	256	286	Horizontal
2	7716.2700	40.34	-42.98	36.62	-61.29	-25.00	36.29	142	178	Horizontal
3	8862	39.79	-41.24	38.12	-58.60	-25.00	33.60	138	286	Horizontal
4	10288.3600	35.20	-39.14	38.83	-60.37	-25.00	35.37	199	73	Horizontal
5	12860.4500	33.50	-37.00	39.69	-59.07	-25.00	34.07	175	0	Horizontal
6	15432.5400	32.64	-34.11	38.67	-58.06	-25.00	33.06	219	2	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.1800	41.25	-45.33	32.96	-66.38	-25.00	41.38	258	0	Vertical
2	7716.2700	39.83	-42.98	36.62	-61.80	-25.00	36.80	147	301	Vertical
3	9012	39.08	-40.92	38.21	-58.89	-25.00	33.89	163	225	Vertical
4	10288.3600	35.95	-39.14	38.83	-59.62	-25.00	34.62	251	7	Vertical
5	12860.4500	33.23	-37.00	39.69	-59.34	-25.00	34.34	192	0	Vertical
6	15432.5400	32.55	-34.11	38.67	-58.15	-25.00	33.15	106	44	Vertical

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Test Band = 5G NR SA n38_ TM1

Test Channel = Mid

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5154.1800	41.14	-45.32	32.97	-66.48	-25.00	41.48	142	226	Horizontal	
2	7731.2700	39.60	-42.86	36.65	-61.88	-25.00	36.88	153	75	Horizontal	
3	9302.25	38.94	-40.21	38.42	-58.11	-25.00	33.11	285	0	Horizontal	
4	10308.3600	34.33	-39.08	38.84	-61.18	-25.00	36.18	149	75	Horizontal	
5	12885.4500	33.18	-37.07	39.72	-59.43	-25.00	34.43	133	181	Horizontal	
6	15462.5400	32.62	-34.67	38.63	-58.68	-25.00	33.68	211	226	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5154.1800	40.73	-45.32	32.97	-66.89	-25.00	41.89	251	276	Vertical	
2	7731.2700	39.50	-42.86	36.65	-61.98	-25.00	36.98	189	316	Vertical	
3	8705.25	40.19	-41.67	37.92	-58.81	-25.00	33.81	142	276	Vertical	
4	10308.3600	34.38	-39.08	38.84	-61.13	-25.00	36.13	123	118	Vertical	
5	12885.4500	33.77	-37.07	39.72	-58.84	-25.00	33.84	100	351	Vertical	
6	15462.5400	32.83	-34.67	38.63	-58.47	-25.00	33.47	203	299	Vertical	

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Test Band = 5G NR SA n38_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5164.1800	41.30	-45.31	32.97	-66.30	-25.00	41.30	291	150	Horizontal	
2	7746.2700	40.78	-42.74	36.68	-60.55	-25.00	35.55	140	151	Horizontal	
3	9298.5	38.53	-40.22	38.41	-58.54	-25.00	33.54	250	91	Horizontal	
4	10328.3600	35.01	-39.07	38.84	-60.47	-25.00	35.47	186	77	Horizontal	
5	12910.4500	33.65	-37.13	39.74	-59.00	-25.00	34.00	266	150	Horizontal	
6	15492.5400	32.21	-35.23	38.58	-59.70	-25.00	34.70	147	46	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5164.1800	41.25	-45.31	32.97	-66.35	-25.00	41.35	245	316	Vertical	
2	7746.2700	40.63	-42.74	36.68	-60.70	-25.00	35.70	159	150	Vertical	
3	9023.25	39.08	-40.85	38.22	-58.81	-25.00	33.81	186	2	Vertical	
4	10328.3600	35.22	-39.07	38.84	-60.26	-25.00	35.26	253	150	Vertical	
5	12910.4500	33.42	-37.13	39.74	-59.23	-25.00	34.23	142	120	Vertical	
6	15492.5400	31.80	-35.23	38.58	-60.11	-25.00	35.11	162	29	Vertical	

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Test Band = NSA 12A-n38A TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.75	43.33	-45.62	30.08	-67.48	-25.00	42.48	125	150	Horizontal
2	5144.1800	41.25	-45.33	32.96	-66.38	-25.00	41.38	215	135	Horizontal
3	7716.2700	40.99	-42.98	36.62	-60.64	-25.00	35.64	136	29	Horizontal
4	10288.3600	36.20	-39.14	38.83	-59.37	-25.00	34.37	254	164	Horizontal
5	12860.4500	35.48	-37.00	39.69	-57.09	-25.00	32.09	196	58	Horizontal
6	15432.5400	35.30	-34.11	38.67	-55.40	-25.00	30.40	142	346	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.1800	41.48	-45.33	32.96	-66.15	-25.00	41.15	148	182	Vertical
2	6656.25	42.52	-44.05	35.55	-61.23	-25.00	36.23	152	61	Vertical
3	7716.2700	41.52	-42.98	36.62	-60.11	-25.00	35.11	198	77	Vertical
4	10288.3600	36.70	-39.14	38.83	-58.87	-25.00	33.87	142	357	Vertical
5	12860.4500	35.43	-37.00	39.69	-57.14	-25.00	32.14	175	1	Vertical
6	15432.5400	35.41	-34.11	38.67	-55.29	-25.00	30.29	136	136	Vertical

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Test Band = NSA 12A-n38A_ TM1

Test Channel = Mid

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3956.25	46.02	-46.15	30.70	-64.69	-25.00	39.69	245	252	Horizontal	
2	5154.1800	41.78	-45.32	32.97	-65.84	-25.00	40.84	302	331	Horizontal	
3	7731.2700	41.15	-42.86	36.65	-60.33	-25.00	35.33	153	0	Horizontal	
4	10308.3600	36.31	-39.08	38.84	-59.20	-25.00	34.20	236	6	Horizontal	
5	12885.4500	35.77	-37.07	39.72	-56.84	-25.00	31.84	215	252	Horizontal	
6	15462.5400	35.00	-34.67	38.63	-56.30	-25.00	31.30	175	41	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3792.75	44.68	-45.89	30.30	-66.17	-25.00	41.17	248	18	Vertical	
2	5154.1800	41.48	-45.32	32.97	-66.14	-25.00	41.14	156	135	Vertical	
3	7731.2700	40.78	-42.86	36.65	-60.70	-25.00	35.70	136	91	Vertical	
4	10308.3600	36.19	-39.08	38.84	-59.32	-25.00	34.32	295	31	Vertical	
5	12885.4500	35.58	-37.07	39.72	-57.03	-25.00	32.03	175	240	Vertical	
6	15462.5400	35.56	-34.67	38.63	-55.74	-25.00	30.74	155	316	Vertical	

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Test Band = NSA 12A-n38A_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	4095	43.53	-45.77	30.94	-66.56	-25.00	41.56	245	104	Horizontal	
2	5164.1800	41.42	-45.31	32.97	-66.18	-25.00	41.18	175	44	Horizontal	
3	7746.2700	40.94	-42.74	36.68	-60.39	-25.00	35.39	142	0	Horizontal	
4	10328.3600	36.21	-39.07	38.84	-59.27	-25.00	34.27	133	104	Horizontal	
5	12910.4500	35.64	-37.13	39.74	-57.01	-25.00	32.01	256	301	Horizontal	
6	15492.5400	35.92	-35.23	38.58	-55.99	-25.00	30.99	298	104	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	4250.25	43.40	-45.65	31.20	-66.31	-25.00	41.31	245	300	Vertical	
2	5164.1800	41.64	-45.31	32.97	-65.96	-25.00	40.96	175	43	Vertical	
3	7746.2700	40.80	-42.74	36.68	-60.53	-25.00	35.53	142	29	Vertical	
4	10328.3600	35.89	-39.07	38.84	-59.59	-25.00	34.59	136	356	Vertical	
5	12910.4500	35.82	-37.13	39.74	-56.83	-25.00	31.83	256	105	Vertical	
6	15492.5400	35.82	-35.23	38.58	-56.09	-25.00	31.09	291	2	Vertical	

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 Rev.: 01
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Test Band = 5G NR CA n38A-n66A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	43.10	-46.28	29.45	-68.99	-25.00	43.99	245	42	Horizontal
2	5133.2700	41.57	-45.34	32.95	-66.08	-25.00	41.08	186	180	Horizontal
3	5144.1800	41.55	-45.33	32.96	-66.08	-25.00	41.08	135	242	Horizontal
4	6844.3600	42.12	-44.14	35.89	-61.39	-25.00	36.39	126	303	Horizontal
5	7716.2700	40.49	-42.98	36.62	-61.14	-25.00	36.14	155	0	Horizontal
6	10288.3600	36.43	-39.14	38.83	-59.14	-25.00	34.14	148	59	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	43.99	-46.28	29.45	-68.10	-25.00	43.10	255	8	Vertical
2	5133.2700	41.50	-45.34	32.95	-66.15	-25.00	41.15	122	0	Vertical
3	5144.1800	41.72	-45.33	32.96	-65.91	-25.00	40.91	184	281	Vertical
4	6844.3600	40.89	-44.14	35.89	-62.62	-25.00	37.62	175	0	Vertical
5	7716.2700	40.60	-42.98	36.62	-61.03	-25.00	36.03	166	93	Vertical
6	10288.3600	36.44	-39.14	38.83	-59.13	-25.00	34.13	291	326	Vertical

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Test Band = 5G NR CA n38A-n66A_ TM1

Test Channel = Mid

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3472.1800	43.61	-46.27	29.50	-68.42	-25.00	43.42	254	1	Horizontal	
2	5154.1800	40.96	-45.32	32.97	-66.66	-25.00	41.66	126	272	Horizontal	
3	5208.2700	41.64	-45.26	32.98	-65.90	-25.00	40.90	253	2	Horizontal	
4	6944.3600	41.13	-43.85	36.01	-61.97	-25.00	36.97	211	165	Horizontal	
5	7731.2700	40.17	-42.86	36.65	-61.31	-25.00	36.31	174	105	Horizontal	
6	10308.3600	35.63	-39.08	38.84	-59.88	-25.00	34.88	102	209	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3472.1800	42.95	-46.27	29.50	-69.08	-25.00	44.08	245	0	Vertical	
2	5154.1800	41.65	-45.32	32.97	-65.97	-25.00	40.97	136	60	Vertical	
3	5208.2700	42.27	-45.26	32.98	-65.27	-25.00	40.27	256	91	Vertical	
4	6944.3600	41.85	-43.85	36.01	-61.25	-25.00	36.25	142	356	Vertical	
5	7731.2700	40.78	-42.86	36.65	-60.70	-25.00	35.70	135	46	Vertical	
6	10308.3600	35.97	-39.08	38.84	-59.54	-25.00	34.54	199	166	Vertical	

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Test Band = 5G NR CA n38A-n66A_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3522.1800	43.06	-46.23	29.54	-68.89	-25.00	43.89	211	8	Horizontal	
2	5164.1800	41.00	-45.31	32.97	-66.60	-25.00	41.60	145	226	Horizontal	
3	5283.2700	41.61	-45.12	32.91	-65.86	-25.00	40.86	156	138	Horizontal	
4	7044.3600	40.42	-43.85	36.20	-62.49	-25.00	37.49	129	331	Horizontal	
5	7746.2700	41.31	-42.74	36.68	-60.02	-25.00	35.02	198	347	Horizontal	
6	10328.3600	36.45	-39.07	38.84	-59.03	-25.00	34.03	173	46	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3522.1800	42.83	-46.23	29.54	-69.12	-25.00	44.12	211	210	Vertical	
2	5164.1800	41.35	-45.31	32.97	-66.25	-25.00	41.25	145	16	Vertical	
3	5283.2700	41.87	-45.12	32.91	-65.60	-25.00	40.60	136	28	Vertical	
4	7044.3600	40.98	-43.85	36.20	-61.93	-25.00	36.93	258	2	Vertical	
5	7746.2700	40.26	-42.74	36.68	-61.07	-25.00	36.07	174	2	Vertical	
6	10328.3600	36.40	-39.07	38.84	-59.08	-25.00	34.08	169	1	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

---End of Attachment---



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