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Appendix B.25

NR Band n5



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP	LIMIT	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.67	21.98	38.45	pass
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.58	21.89	38.45	pass
N5	15	5	DFT-PI2BPSK	L	Outer_Full	22.63	21.94	38.45	pass
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	22.61	21.92	38.45	pass
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	22.57	21.88	38.45	pass
N5	15	5	DFT-QPSK	L	Outer_Full	22.58	21.89	38.45	pass
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	22.69	22	38.45	pass
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.6	21.91	38.45	pass
N5	15	5	DFT-16QAM	L	Outer_Full	21.63	20.94	38.45	pass
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.13	20.44	38.45	pass
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.32	20.63	38.45	pass
N5	15	5	DFT-64QAM	L	Outer_Full	21.14	20.45	38.45	pass
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.17	18.48	38.45	pass
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.2	18.51	38.45	pass
N5	15	5	DFT-256QAM	L	Outer_Full	19.15	18.46	38.45	pass
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	22.84	22.15	38.45	pass
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23	22.31	38.45	pass
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22.95	22.26	38.45	pass
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	22.75	22.06	38.45	pass
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	22.91	22.22	38.45	pass
N5	15	5	DFT-QPSK	M	Outer_Full	22.92	22.23	38.45	pass
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.73	22.04	38.45	pass
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	23.01	22.32	38.45	pass
N5	15	5	DFT-16QAM	M	Outer_Full	21.93	21.24	38.45	pass
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.35	20.66	38.45	pass
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.48	20.79	38.45	pass
N5	15	5	DFT-64QAM	M	Outer_Full	21.41	20.72	38.45	pass
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.34	18.65	38.45	pass



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N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.52	18.83	38.45	pass
N5	15	5	DFT-256QAM	M	Outer_Full	19.41	18.72	38.45	pass
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.93	22.24	38.45	pass
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.02	22.33	38.45	pass
N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.05	22.36	38.45	pass
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	22.9	22.21	38.45	pass
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	22.87	22.18	38.45	pass
N5	15	5	DFT-QPSK	H	Outer_Full	22.99	22.3	38.45	pass
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.06	22.37	38.45	pass
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.01	22.32	38.45	pass
N5	15	5	DFT-16QAM	H	Outer_Full	22.05	21.36	38.45	pass
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.46	20.77	38.45	pass
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.4	20.71	38.45	pass
N5	15	5	DFT-64QAM	H	Outer_Full	21.55	20.86	38.45	pass
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.39	18.7	38.45	pass
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.47	18.78	38.45	pass
N5	15	5	DFT-256QAM	H	Outer_Full	19.48	18.79	38.45	pass
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.6	21.91	38.45	pass
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.76	22.07	38.45	pass
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.78	22.09	38.45	pass
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	22.59	21.9	38.45	pass
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	22.71	22.02	38.45	pass
N5	15	10	DFT-QPSK	L	Outer_Full	22.79	22.1	38.45	pass
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.58	21.89	38.45	pass
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.6	21.91	38.45	pass
N5	15	10	DFT-16QAM	L	Outer_Full	21.77	21.08	38.45	pass
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.13	20.44	38.45	pass
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.28	20.59	38.45	pass
N5	15	10	DFT-64QAM	L	Outer_Full	21.27	20.58	38.45	pass
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.19	18.5	38.45	pass
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.27	18.58	38.45	pass
N5	15	10	DFT-256QAM	L	Outer_Full	19.25	18.56	38.45	pass
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.68	21.99	38.45	pass



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N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.93	22.24	38.45	pass
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.96	22.27	38.45	pass
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	22.61	21.92	38.45	pass
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	22.85	22.16	38.45	pass
N5	15	10	DFT-QPSK	M	Outer_Full	22.93	22.24	38.45	pass
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.58	21.89	38.45	pass
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.08	22.39	38.45	pass
N5	15	10	DFT-16QAM	M	Outer_Full	21.94	21.25	38.45	pass
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.14	20.45	38.45	pass
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.44	20.75	38.45	pass
N5	15	10	DFT-64QAM	M	Outer_Full	21.43	20.74	38.45	pass
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.22	18.53	38.45	pass
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.44	18.75	38.45	pass
N5	15	10	DFT-256QAM	M	Outer_Full	19.42	18.73	38.45	pass
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.91	22.22	38.45	pass
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.94	22.25	38.45	pass
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23	22.31	38.45	pass
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	22.84	22.15	38.45	pass
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	22.82	22.13	38.45	pass
N5	15	10	DFT-QPSK	H	Outer_Full	22.92	22.23	38.45	pass
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.98	22.29	38.45	pass
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.92	22.23	38.45	pass
N5	15	10	DFT-16QAM	H	Outer_Full	21.95	21.26	38.45	pass
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.45	20.76	38.45	pass
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.49	20.8	38.45	pass
N5	15	10	DFT-64QAM	H	Outer_Full	21.43	20.74	38.45	pass
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.59	18.9	38.45	pass
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.29	18.6	38.45	pass
N5	15	10	DFT-256QAM	H	Outer_Full	19.39	18.7	38.45	pass
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	22.78	22.09	38.45	pass
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.02	22.33	38.45	pass
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.96	22.27	38.45	pass
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	22.66	21.97	38.45	pass



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N5	15	15	DFT-QPSK	L	Inner_1RB_Right	22.96	22.27	38.45	pass
N5	15	15	DFT-QPSK	L	Outer_Full	22.98	22.29	38.45	pass
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.71	22.02	38.45	pass
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	23.03	22.34	38.45	pass
N5	15	15	DFT-16QAM	L	Outer_Full	21.93	21.24	38.45	pass
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.25	20.56	38.45	pass
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.48	20.79	38.45	pass
N5	15	15	DFT-64QAM	L	Outer_Full	21.47	20.78	38.45	pass
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.42	18.73	38.45	pass
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.5	18.81	38.45	pass
N5	15	15	DFT-256QAM	L	Outer_Full	19.43	18.74	38.45	pass
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	22.77	22.08	38.45	pass
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.05	22.36	38.45	pass
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23	22.31	38.45	pass
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	22.67	21.98	38.45	pass
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	22.97	22.28	38.45	pass
N5	15	15	DFT-QPSK	M	Outer_Full	23.04	22.35	38.45	pass
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.69	22	38.45	pass
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.89	22.2	38.45	pass
N5	15	15	DFT-16QAM	M	Outer_Full	22.04	21.35	38.45	pass
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.32	20.63	38.45	pass
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.49	20.8	38.45	pass
N5	15	15	DFT-64QAM	M	Outer_Full	21.58	20.89	38.45	pass
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.33	18.64	38.45	pass
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	19.59	18.9	38.45	pass
N5	15	15	DFT-256QAM	M	Outer_Full	19.46	18.77	38.45	pass
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	22.95	22.26	38.45	pass
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.04	22.35	38.45	pass
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.05	22.36	38.45	pass
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	22.86	22.17	38.45	pass
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	22.96	22.27	38.45	pass
N5	15	15	DFT-QPSK	H	Outer_Full	23.07	22.38	38.45	pass
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	23.02	22.33	38.45	pass



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N5	15	15	DFT-16QAM	H	Outer_Full	22.07	21.38	38.45	pass
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.51	20.82	38.45	pass
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.49	20.8	38.45	pass
N5	15	15	DFT-64QAM	H	Outer_Full	21.57	20.88	38.45	pass
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.49	18.8	38.45	pass
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.43	18.74	38.45	pass
N5	15	15	DFT-256QAM	H	Outer_Full	19.54	18.85	38.45	pass
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.83	22.14	38.45	pass
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.03	22.34	38.45	pass
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.99	22.3	38.45	pass
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	22.74	22.05	38.45	pass
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	22.95	22.26	38.45	pass
N5	15	20	DFT-QPSK	L	Outer_Full	22.96	22.27	38.45	pass
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.79	22.1	38.45	pass
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	23	22.31	38.45	pass
N5	15	20	DFT-16QAM	L	Outer_Full	22	21.31	38.45	pass
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.31	20.62	38.45	pass
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.56	20.87	38.45	pass
N5	15	20	DFT-64QAM	L	Outer_Full	21.52	20.83	38.45	pass
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.44	18.75	38.45	pass
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.62	18.93	38.45	pass
N5	15	20	DFT-256QAM	L	Outer_Full	19.46	18.77	38.45	pass
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.78	22.09	38.45	pass
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.97	22.28	38.45	pass
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.96	22.27	38.45	pass
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	22.67	21.98	38.45	pass
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	22.89	22.2	38.45	pass
N5	15	20	DFT-QPSK	M	Outer_Full	23.03	22.34	38.45	pass
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.83	22.14	38.45	pass
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	22.87	22.18	38.45	pass
N5	15	20	DFT-16QAM	M	Outer_Full	21.97	21.28	38.45	pass
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.38	20.69	38.45	pass



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N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.39	20.7	38.45	pass
N5	15	20	DFT-64QAM	M	Outer_Full	21.5	20.81	38.45	pass
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.2	18.51	38.45	pass
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.57	18.88	38.45	pass
N5	15	20	DFT-256QAM	M	Outer_Full	19.44	18.75	38.45	pass
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.79	22.1	38.45	pass
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.05	22.36	38.45	pass
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.05	22.36	38.45	pass
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	22.69	22	38.45	pass
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	22.97	22.28	38.45	pass
N5	15	20	DFT-QPSK	H	Outer_Full	23.08	22.39	38.45	pass
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.67	21.98	38.45	pass
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.11	22.42	38.45	pass
N5	15	20	DFT-16QAM	H	Outer_Full	22.07	21.38	38.45	pass
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.39	20.7	38.45	pass
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.46	20.77	38.45	pass
N5	15	20	DFT-64QAM	H	Outer_Full	21.59	20.9	38.45	pass
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.44	18.75	38.45	pass
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.66	18.97	38.45	pass
N5	15	20	DFT-256QAM	H	Outer_Full	19.49	18.8	38.45	pass



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Field Strength of Spurious Radiation

Test Band = 5G NR SA n5_ 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	1649.1429	69.61	-48.22	25.37	-48.50	-13.00	35.50	255	285	Horizontal
2	2473.7143	65.64	-47.32	27.68	-49.25	-13.00	36.25	123	360	Horizontal
3	3298.2857	62.85	-46.67	29.56	-49.53	-13.00	36.53	236	347	Horizontal
4	4122.8571	58.36	-45.91	30.98	-51.83	-13.00	38.83	256	161	Horizontal
5	4947.4286	56.38	-45.69	32.73	-51.84	-13.00	38.84	291	311	Horizontal
6	5771.4286	50.91	-44.63	33.65	-55.34	-13.00	42.34	174	121	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	1649.1429	65.50	-48.22	25.37	-52.61	-13.00	39.61	230	255	Vertical
2	2473.7143	67.90	-47.32	27.68	-46.99	-13.00	33.99	145	307	Vertical
3	3298.2857	64.95	-46.67	29.56	-47.43	-13.00	34.43	184	281	Vertical
4	4122.8571	66.95	-45.91	30.98	-43.24	-13.00	30.24	195	240	Vertical
5	4947.4286	69.24	-45.69	32.73	-38.98	-13.00	25.98	162	267	Vertical
6	5772	62.49	-44.63	33.65	-43.76	-13.00	30.76	143	267	Vertical



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Test Band = 5G NR SA n5_ TM1
Test Channel = Mid
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.2857	67.60	-48.21	25.37	-50.50	-13.00	37.50	258	65	Horizontal
2	2481.1429	64.72	-47.30	27.71	-50.14	-13.00	37.14	174	360	Horizontal
3	3464.5714	44.01	-46.54	29.49	-68.30	-13.00	55.30	196	264	Horizontal
4	4135.4286	55.75	-45.92	31.00	-54.43	-13.00	41.43	154	360	Horizontal
5	4962.2857	53.43	-45.72	32.77	-54.78	-13.00	41.78	162	65	Horizontal
6	5789.1429	48.77	-44.65	33.71	-57.43	-13.00	44.43	135	13	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	1654.2857	63.94	-48.21	25.37	-54.16	-13.00	41.16	245	268	Vertical
2	2481.1429	66.65	-47.30	27.71	-48.21	-13.00	35.21	133	123	Vertical
3	3308	63.32	-46.67	29.55	-49.06	-13.00	36.06	254	228	Vertical
4	4134.8571	67.20	-45.92	31.00	-42.98	-13.00	29.98	166	281	Vertical
5	4962.2857	68.89	-45.72	32.77	-39.32	-13.00	26.32	258	202	Vertical
6	5789.1429	60.50	-44.65	33.71	-45.70	-13.00	32.70	102	189	Vertical



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Test Band = 5G NR SA n5_ TM1

Test Channel = High

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1658.8571	67.09	-48.21	25.37	-51.01	-13.00	38.01	211	288	Horizontal
2	2488.5714	61.41	-47.29	27.73	-53.41	-13.00	40.41	245	264	Horizontal
3	3318.2857	60.13	-46.65	29.53	-52.25	-13.00	39.25	165	340	Horizontal
4	4147.4286	51.67	-45.93	31.02	-58.50	-13.00	45.50	198	146	Horizontal
5	4977.1429	52.39	-45.76	32.82	-55.81	-13.00	42.81	196	132	Horizontal
6	5806.8571	50.41	-44.68	33.76	-55.77	-13.00	42.77	175	197	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	1658.8571	63.65	-48.21	25.37	-54.45	-13.00	41.45	236	256	Vertical
2	2488.5714	62.60	-47.29	27.73	-52.22	-13.00	39.22	154	121	Vertical
3	3318.2857	62.94	-46.65	29.53	-49.44	-13.00	36.44	100	230	Vertical
4	4148	63.78	-45.93	31.02	-46.39	-13.00	33.39	188	294	Vertical
5	4977.1429	68.29	-45.76	32.82	-39.91	-13.00	26.91	198	282	Vertical
6	5806.2857	59.55	-44.68	33.76	-46.63	-13.00	33.63	142	268	Vertical



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Test Band = NSA 66A-n5A_ 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	1658.8571	68.44	-48.21	25.37	-49.66	-13.00	36.66	241	268	Horizontal
2	2488	65.83	-47.29	27.73	-48.99	-13.00	35.99	135	242	Horizontal
3	3317.7143	62.86	-46.66	29.53	-49.52	-13.00	36.52	126	335	Horizontal
4	4146.8571	56.79	-45.93	31.02	-53.38	-13.00	40.38	195	162	Horizontal
5	4976.5714	56.25	-45.76	32.81	-51.95	-13.00	38.95	142	294	Horizontal
6	5805.7143	50.87	-44.68	33.76	-55.31	-13.00	42.31	166	18	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	1658.8571	64.99	-48.21	25.37	-53.11	-13.00	40.11	158	262	Vertical
2	2488	65.33	-47.29	27.73	-49.49	-13.00	36.49	146	329	Vertical
3	3317.7143	65.05	-46.66	29.53	-47.33	-13.00	34.33	189	288	Vertical
4	4146.8571	68.68	-45.93	31.02	-41.49	-13.00	28.49	193	288	Vertical
5	4976.5714	71.26	-45.76	32.81	-36.94	-13.00	23.94	147	288	Vertical
6	5805.7143	61.35	-44.68	33.76	-44.83	-13.00	31.83	178	209	Vertical



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Test Band = NSA 66A-n5A_ TM1
Test Channel = Mid
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664	66.85	-48.20	25.38	-51.24	-13.00	38.24	255	308	Horizontal
2	2495.4286	64.54	-47.28	27.75	-50.24	-13.00	37.24	144	242	Horizontal
3	3327.4286	58.41	-46.64	29.52	-53.97	-13.00	40.97	135	335	Horizontal
4	4159.4286	55.75	-45.94	31.04	-54.41	-13.00	41.41	126	163	Horizontal
5	4904	52.58	-45.59	32.61	-55.66	-13.00	42.66	158	242	Horizontal
6	5823.4286	50.80	-44.73	33.79	-55.40	-13.00	42.40	196	0	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	1664	64.35	-48.20	25.38	-53.74	-13.00	40.74	211	254	Vertical
2	2496	62.76	-47.28	27.76	-52.02	-13.00	39.02	174	344	Vertical
3	3327.4286	63.79	-46.64	29.52	-48.59	-13.00	35.59	185	280	Vertical
4	4159.4286	66.52	-45.94	31.04	-43.64	-13.00	30.64	169	294	Vertical
5	4991.4286	69.00	-45.79	32.86	-39.19	-13.00	26.19	192	320	Vertical
6	5823.4286	58.50	-44.73	33.79	-47.70	-13.00	34.70	104	268	Vertical



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Test Band = NSA 66A-n5A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1668.5714	66.07	-48.20	25.38	-52.01	-13.00	39.01	214	306	Horizontal
2	2503.4286	62.36	-47.26	27.78	-52.38	-13.00	39.38	142	280	Horizontal
3	3337.7143	57.89	-46.63	29.51	-54.49	-13.00	41.49	158	266	Horizontal
4	4172	51.62	-45.94	31.06	-58.53	-13.00	45.53	135	132	Horizontal
5	4904	53.42	-45.59	32.61	-54.82	-13.00	41.82	185	239	Horizontal
6	5840.5714	49.75	-44.79	33.83	-56.47	-13.00	43.47	129	16	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	1668.5714	63.48	-48.20	25.38	-54.60	-13.00	41.60	245	251	Vertical
2	2503.4286	60.90	-47.26	27.78	-53.84	-13.00	40.84	156	360	Vertical
3	3337.7143	63.07	-46.63	29.51	-49.31	-13.00	36.31	129	289	Vertical
4	4172	62.91	-45.94	31.06	-47.24	-13.00	34.24	192	289	Vertical
5	5006.2857	64.21	-45.78	32.88	-43.95	-13.00	30.95	174	277	Vertical
6	5840.5714	56.65	-44.79	33.83	-49.57	-13.00	36.57	165	277	Vertical



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Test Band = 5G NR CA n5A-n77A_ 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	6810.1800	41.05	-43.61	35.85	-61.97	-13.00	48.97	211	271	Horizontal
2	7770.175	41.41	-42.69	36.72	-59.82	-13.00	46.82	132	240	Horizontal
3	8695.925	41.02	-41.32	37.91	-57.65	-13.00	44.65	156	240	Horizontal
4	10215.2700	35.35	-39.23	38.81	-60.33	-13.00	47.33	145	181	Horizontal
5	13620.3600	32.77	-36.03	40.13	-58.39	-13.00	45.39	185	16	Horizontal
6	17025.4500	33.27	-33.71	38.51	-57.19	-13.00	44.19	196	152	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	6810.1800	41.06	-43.61	35.85	-61.96	-13.00	48.96	254	2	Vertical
2	7738.55	41.70	-42.81	36.66	-59.71	-13.00	46.71	156	195	Vertical
3	8349.775	41.10	-41.62	37.27	-58.51	-13.00	45.51	136	31	Vertical
4	10215.2700	35.56	-39.23	38.81	-60.12	-13.00	47.12	142	60	Vertical
5	13620.3600	32.47	-36.03	40.13	-58.69	-13.00	45.69	185	121	Vertical
6	17025.4500	32.99	-33.71	38.51	-57.47	-13.00	44.47	169	0	Vertical



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Test Band = 5G NR CA n5A-n77A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.65	-43.80	35.97	-62.44	-13.00	49.44	211	239	Horizontal
2	8281.925	40.80	-41.92	37.18	-59.20	-13.00	46.20	154	180	Horizontal
3	9269.775	38.68	-40.03	38.39	-58.22	-13.00	45.22	125	0	Horizontal
4	10365.2700	35.04	-38.81	38.85	-60.17	-13.00	47.17	148	313	Horizontal
5	13820.3600	32.18	-36.11	39.98	-59.21	-13.00	46.21	185	270	Horizontal
6	17275.4500	33.29	-35.16	38.70	-58.42	-13.00	45.42	136	270	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	6910.1800	40.86	-43.80	35.97	-62.23	-13.00	49.23	248	315	Vertical
2	7792.6	41.28	-42.61	36.77	-59.82	-13.00	46.82	159	44	Vertical
3	8852.9	39.41	-41.02	38.11	-58.76	-13.00	45.76	174	9	Vertical
4	10365.2700	35.86	-38.81	38.85	-59.35	-13.00	46.35	159	0	Vertical
5	13820.3600	32.03	-36.11	39.98	-59.36	-13.00	46.36	168	0	Vertical
6	17275.4500	33.57	-35.16	38.70	-58.14	-13.00	45.14	135	256	Vertical



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Test Band = 5G NR CA n5A-n77A_ TM1

Test Channel = High

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.93	-43.06	36.11	-61.28	-13.00	48.28	214	151	Horizontal
2	7969.125	41.42	-42.32	36.97	-59.18	-13.00	46.18	125	226	Horizontal
3	8410.15	41.20	-41.41	37.35	-58.12	-13.00	45.12	136	0	Horizontal
4	10515.2700	34.27	-38.64	38.98	-60.66	-13.00	47.66	256	346	Horizontal
5	14020.3600	30.74	-35.04	40.15	-59.41	-13.00	46.41	132	240	Horizontal
6	17525.4500	32.70	-33.81	39.28	-57.09	-13.00	44.09	155	196	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	7010.1800	40.74	-43.06	36.11	-61.47	-13.00	48.47	254	356	Vertical
2	7710.375	41.63	-42.91	36.61	-59.94	-13.00	46.94	125	164	Vertical
3	8406.125	40.70	-41.40	37.34	-58.61	-13.00	45.61	199	356	Vertical
4	10515.2700	34.56	-38.64	38.98	-60.37	-13.00	47.37	152	269	Vertical
5	14020.3600	30.71	-35.04	40.15	-59.44	-13.00	46.44	136	16	Vertical
6	17525.4500	33.31	-33.81	39.28	-56.48	-13.00	43.48	256	164	Vertical



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Test Band = 5G NR CA n5A-n78A_ 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	6810.1800	41.82	-43.61	35.85	-61.20	-13.00	48.20	245	346	Horizontal
2	7784.55	41.86	-42.64	36.75	-59.29	-13.00	46.29	125	0	Horizontal
3	8357.825	41.56	-41.58	37.28	-58.00	-13.00	45.00	168	286	Horizontal
4	10215.2700	35.68	-39.23	38.81	-60.00	-13.00	47.00	159	257	Horizontal
5	13620.3600	33.21	-36.03	40.13	-57.95	-13.00	44.95	142	31	Horizontal
6	17025.4500	34.65	-33.71	38.51	-55.81	-13.00	42.81	135	77	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	6810.1800	41.30	-43.61	35.85	-61.72	-13.00	48.72	258	16	Vertical
2	7407.925	42.48	-42.82	36.49	-59.11	-13.00	46.11	147	0	Vertical
3	8356.1	41.52	-41.59	37.28	-58.05	-13.00	45.05	159	329	Vertical
4	10215.2700	36.46	-39.23	38.81	-59.22	-13.00	46.22	165	120	Vertical
5	13620.3600	33.33	-36.03	40.13	-57.83	-13.00	44.83	185	255	Vertical
6	17025.4500	34.33	-33.71	38.51	-56.13	-13.00	43.13	302	226	Vertical



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Test Band = 5G NR CA n5A-n78A_ TM1
Test Channel = Mid
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	41.04	-43.80	35.97	-62.05	-13.00	49.05	211	62	Horizontal
2	7969.125	41.90	-42.32	36.97	-58.70	-13.00	45.70	145	257	Horizontal
3	8812.65	40.04	-41.11	38.09	-58.24	-13.00	45.24	136	0	Horizontal
4	10365.2700	37.11	-38.81	38.85	-58.10	-13.00	45.10	256	91	Horizontal
5	13820.3600	33.88	-36.11	39.98	-57.51	-13.00	44.51	142	226	Horizontal
6	17275.4500	33.72	-35.16	38.70	-57.99	-13.00	44.99	186	0	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	6910.1800	41.42	-43.80	35.97	-61.67	-13.00	48.67	125	120	Vertical
2	7785.125	41.58	-42.64	36.75	-59.56	-13.00	46.56	126	120	Vertical
3	8394.05	41.43	-41.40	37.32	-57.91	-13.00	44.91	142	356	Vertical
4	10365.2700	35.89	-38.81	38.85	-59.32	-13.00	46.32	158	0	Vertical
5	13820.3600	33.62	-36.11	39.98	-57.77	-13.00	44.77	198	105	Vertical
6	17275.4500	33.38	-35.16	38.70	-58.33	-13.00	45.33	142	285	Vertical



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Test Band = 5G NR CA n5A-n78A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.83	-43.06	36.11	-61.38	-13.00	48.38	215	240	Horizontal
2	7969.125	42.32	-42.32	36.97	-58.28	-13.00	45.28	142	195	Horizontal
3	8812.65	40.38	-41.11	38.09	-57.90	-13.00	44.90	132	269	Horizontal
4	10515.2700	35.64	-38.64	38.98	-59.29	-13.00	46.29	165	135	Horizontal
5	14020.3600	32.18	-35.04	40.15	-57.97	-13.00	44.97	128	209	Horizontal
6	17525.4500	33.35	-33.81	39.28	-56.44	-13.00	43.44	169	104	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	7010.1800	41.07	-43.06	36.11	-61.14	-13.00	48.14	215	0	Vertical
2	8303.2	41.03	-41.85	37.21	-58.88	-13.00	45.88	142	117	Vertical
3	8937.425	39.77	-40.90	38.16	-58.22	-13.00	45.22	125	58	Vertical
4	10515.2700	35.69	-38.64	38.98	-59.24	-13.00	46.24	188	103	Vertical
5	14020.3600	32.58	-35.04	40.15	-57.57	-13.00	44.57	135	194	Vertical
6	17525.4500	33.57	-33.81	39.28	-56.22	-13.00	43.22	126	346	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---

