

# Appendix B.38

## NR Band n71



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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
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.02	20.1	34.77	pass
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.85	19.93	34.77	pass
N71	15	5	DFT-PI2BPSK	L	Outer_Full	22.94	20.02	34.77	pass
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	23.05	20.13	34.77	pass
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	22.86	19.94	34.77	pass
N71	15	5	DFT-QPSK	L	Outer_Full	22.97	20.05	34.77	pass
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	23.15	20.23	34.77	pass
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	22.9	19.98	34.77	pass
N71	15	5	DFT-16QAM	L	Outer_Full	21.92	19	34.77	pass
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	21.56	18.64	34.77	pass
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.35	18.43	34.77	pass
N71	15	5	DFT-64QAM	L	Outer_Full	21.43	18.51	34.77	pass
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	19.49	16.57	34.77	pass
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	19.36	16.44	34.77	pass
N71	15	5	DFT-256QAM	L	Outer_Full	19.45	16.53	34.77	pass
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	22.83	19.91	34.77	pass
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	22.96	20.04	34.77	pass
N71	15	5	DFT-PI2BPSK	M	Outer_Full	22.93	20.01	34.77	pass
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	22.83	19.91	34.77	pass
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	22.89	19.97	34.77	pass
N71	15	5	DFT-QPSK	M	Outer_Full	22.94	20.02	34.77	pass
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	22.95	20.03	34.77	pass
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	22.84	19.92	34.77	pass
N71	15	5	DFT-16QAM	M	Outer_Full	21.93	19.01	34.77	pass
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	18.36	15.44	34.77	pass
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	18.52	15.6	34.77	pass
N71	15	5	DFT-64QAM	M	Outer_Full	21.39	18.47	34.77	pass
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	19.47	16.55	34.77	pass



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N71	15	5	DFT-256QAM	M	Inner_1RB_Right	19.53	16.61	34.77	pass
N71	15	5	DFT-256QAM	M	Outer_Full	19.39	16.47	34.77	pass
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.82	19.9	34.77	pass
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.7	19.78	34.77	pass
N71	15	5	DFT-PI2BPSK	H	Outer_Full	22.82	19.9	34.77	pass
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	22.82	19.9	34.77	pass
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	22.68	19.76	34.77	pass
N71	15	5	DFT-QPSK	H	Outer_Full	22.81	19.89	34.77	pass
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	22.86	19.94	34.77	pass
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	22.8	19.88	34.77	pass
N71	15	5	DFT-16QAM	H	Outer_Full	21.81	18.89	34.77	pass
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.33	18.41	34.77	pass
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.26	18.34	34.77	pass
N71	15	5	DFT-64QAM	H	Outer_Full	18.36	15.44	34.77	pass
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	19.29	16.37	34.77	pass
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	19.13	16.21	34.77	pass
N71	15	5	DFT-256QAM	H	Outer_Full	19.27	16.35	34.77	pass
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.01	20.09	34.77	pass
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.81	19.89	34.77	pass
N71	15	10	DFT-PI2BPSK	L	Outer_Full	22.86	19.94	34.77	pass
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	23.02	20.1	34.77	pass
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	22.82	19.9	34.77	pass
N71	15	10	DFT-QPSK	L	Outer_Full	22.85	19.93	34.77	pass
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	23.15	20.23	34.77	pass
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	22.79	19.87	34.77	pass
N71	15	10	DFT-16QAM	L	Outer_Full	21.84	18.92	34.77	pass
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	21.72	18.8	34.77	pass
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	21.26	18.34	34.77	pass
N71	15	10	DFT-64QAM	L	Outer_Full	21.32	18.4	34.77	pass
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	19.58	16.66	34.77	pass
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	19.22	16.3	34.77	pass
N71	15	10	DFT-256QAM	L	Outer_Full	19.32	16.4	34.77	pass
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.86	19.94	34.77	pass
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.03	20.11	34.77	pass



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N71	15	10	DFT-PI2BPSK	M	Outer_Full	22.92	20	34.77	pass
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	22.89	19.97	34.77	pass
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	23.04	20.12	34.77	pass
N71	15	10	DFT-QPSK	M	Outer_Full	22.93	20.01	34.77	pass
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	22.92	20	34.77	pass
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	23.11	20.19	34.77	pass
N71	15	10	DFT-16QAM	M	Outer_Full	21.92	19	34.77	pass
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.48	18.56	34.77	pass
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	21.61	18.69	34.77	pass
N71	15	10	DFT-64QAM	M	Outer_Full	21.43	18.51	34.77	pass
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	19.42	16.5	34.77	pass
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	19.46	16.54	34.77	pass
N71	15	10	DFT-256QAM	M	Outer_Full	19.42	16.5	34.77	pass
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.95	20.03	34.77	pass
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.75	19.83	34.77	pass
N71	15	10	DFT-PI2BPSK	H	Outer_Full	22.94	20.02	34.77	pass
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	22.95	20.03	34.77	pass
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	22.77	19.85	34.77	pass
N71	15	10	DFT-QPSK	H	Outer_Full	22.95	20.03	34.77	pass
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.07	20.15	34.77	pass
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	22.89	19.97	34.77	pass
N71	15	10	DFT-16QAM	H	Outer_Full	21.9	18.98	34.77	pass
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	21.48	18.56	34.77	pass
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.34	18.42	34.77	pass
N71	15	10	DFT-64QAM	H	Outer_Full	18.96	16.04	34.77	pass
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	19.54	16.62	34.77	pass
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	18.02	15.1	34.77	pass
N71	15	10	DFT-256QAM	H	Outer_Full	18.63	15.71	34.77	pass
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.04	20.12	34.77	pass
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.01	20.09	34.77	pass
N71	15	15	DFT-PI2BPSK	L	Outer_Full	22.97	20.05	34.77	pass
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	23.05	20.13	34.77	pass
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	22.91	19.99	34.77	pass
N71	15	15	DFT-QPSK	L	Outer_Full	22.99	20.07	34.77	pass



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N71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.14	20.22	34.77	pass
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	22.99	20.07	34.77	pass
N71	15	15	DFT-16QAM	L	Outer_Full	21.99	19.07	34.77	pass
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.72	18.8	34.77	pass
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	21.43	18.51	34.77	pass
N71	15	15	DFT-64QAM	L	Outer_Full	21.49	18.57	34.77	pass
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	19.61	16.69	34.77	pass
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	19.47	16.55	34.77	pass
N71	15	15	DFT-256QAM	L	Outer_Full	19.5	16.58	34.77	pass
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	22.96	20.04	34.77	pass
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.12	20.2	34.77	pass
N71	15	15	DFT-PI2BPSK	M	Outer_Full	23.16	20.24	34.77	pass
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	22.97	20.05	34.77	pass
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	23.08	20.16	34.77	pass
N71	15	15	DFT-QPSK	M	Outer_Full	23.11	20.19	34.77	pass
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	22.98	20.06	34.77	pass
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.13	20.21	34.77	pass
N71	15	15	DFT-16QAM	M	Outer_Full	22.16	19.24	34.77	pass
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	21.49	18.57	34.77	pass
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	21.68	18.76	34.77	pass
N71	15	15	DFT-64QAM	M	Outer_Full	18.96	16.04	34.77	pass
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	19.41	16.49	34.77	pass
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	19.61	16.69	34.77	pass
N71	15	15	DFT-256QAM	M	Outer_Full	19.61	16.69	34.77	pass
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.08	20.16	34.77	pass
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	22.83	19.91	34.77	pass
N71	15	15	DFT-PI2BPSK	H	Outer_Full	23.03	20.11	34.77	pass
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	23.09	20.17	34.77	pass
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	22.82	19.9	34.77	pass
N71	15	15	DFT-QPSK	H	Outer_Full	23.06	20.14	34.77	pass
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.19	20.27	34.77	pass
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	22.92	20	34.77	pass
N71	15	15	DFT-16QAM	H	Outer_Full	22.04	19.12	34.77	pass
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	21.57	18.65	34.77	pass



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N71	15	15	DFT-64QAM	H	Inner_1RB_Right	21.47	18.55	34.77	pass
N71	15	15	DFT-64QAM	H	Outer_Full	18.69	15.77	34.77	pass
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	19.67	16.75	34.77	pass
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	19.4	16.48	34.77	pass
N71	15	15	DFT-256QAM	H	Outer_Full	19.53	16.61	34.77	pass
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.04	20.12	34.77	pass
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.07	20.15	34.77	pass
N71	15	20	DFT-PI2BPSK	L	Outer_Full	23.1	20.18	34.77	pass
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	23.07	20.15	34.77	pass
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	23.12	20.2	34.77	pass
N71	15	20	DFT-QPSK	L	Outer_Full	23.09	20.17	34.77	pass
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.13	20.21	34.77	pass
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	23.21	20.29	34.77	pass
N71	15	20	DFT-16QAM	L	Outer_Full	22.11	19.19	34.77	pass
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.56	18.64	34.77	pass
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.64	18.72	34.77	pass
N71	15	20	DFT-64QAM	L	Outer_Full	21.58	18.66	34.77	pass
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	19.71	16.79	34.77	pass
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	19.77	16.85	34.77	pass
N71	15	20	DFT-256QAM	L	Outer_Full	19.57	16.65	34.77	pass
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.85	19.93	34.77	pass
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.05	20.13	34.77	pass
N71	15	20	DFT-PI2BPSK	M	Outer_Full	23.14	20.22	34.77	pass
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	22.94	20.02	34.77	pass
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	23.02	20.1	34.77	pass
N71	15	20	DFT-QPSK	M	Outer_Full	23.13	20.21	34.77	pass
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	23	20.08	34.77	pass
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.06	20.14	34.77	pass
N71	15	20	DFT-16QAM	M	Outer_Full	22.13	19.21	34.77	pass
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	21.46	18.54	34.77	pass
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	21.73	18.81	34.77	pass
N71	15	20	DFT-64QAM	M	Outer_Full	21.64	18.72	34.77	pass
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	19.47	16.55	34.77	pass
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	19.71	16.79	34.77	pass



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N71	15	20	DFT-256QAM	M	Outer_Full	19.61	16.69	34.77	pass
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.06	20.14	34.77	pass
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.82	19.9	34.77	pass
N71	15	20	DFT-PI2BPSK	H	Outer_Full	23.08	20.16	34.77	pass
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	23.05	20.13	34.77	pass
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	22.87	19.95	34.77	pass
N71	15	20	DFT-QPSK	H	Outer_Full	23.11	20.19	34.77	pass
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	22.99	20.07	34.77	pass
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	23	20.08	34.77	pass
N71	15	20	DFT-16QAM	H	Outer_Full	22.06	19.14	34.77	pass
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	21.44	18.52	34.77	pass
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	21.44	18.52	34.77	pass
N71	15	20	DFT-64QAM	H	Outer_Full	18.52	15.6	34.77	pass
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	19.63	16.71	34.77	pass
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	19.4	16.48	34.77	pass
N71	15	20	DFT-256QAM	H	Outer_Full	19.57	16.65	34.77	pass



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### Field Strength of Spurious Radiation

Test Band = 5G NR SA n71\_ 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	1327.2	55.80	-48.09	25.61	-61.95	-13.00	48.95	247	23	Horizontal
2	1990.6	72.21	-47.91	26.58	-44.38	-13.00	31.38	142	23	Horizontal
3	2373.6	54.06	-47.46	27.43	-61.24	-13.00	48.24	163	128	Horizontal
4	3341.6	46.49	-46.62	29.50	-65.89	-13.00	52.89	259	188	Horizontal
5	4644.8	51.55	-45.79	31.85	-57.66	-13.00	44.66	164	340	Horizontal
6	4904	52.37	-45.59	32.61	-55.87	-13.00	42.87	135	256	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	1327	58.75	-48.09	25.61	-59.00	-13.00	46.00	233	234	Vertical
2	1990.6	76.83	-47.91	26.58	-39.76	-13.00	26.76	126	234	Vertical
3	2375.6	50.73	-47.46	27.43	-64.56	-13.00	51.56	159	234	Vertical
4	3317.8	51.03	-46.66	29.53	-61.35	-13.00	48.35	145	24	Vertical
5	4644.8	46.92	-45.79	31.85	-62.29	-13.00	49.29	132	234	Vertical
6	4992	48.30	-45.79	32.86	-59.89	-13.00	46.89	165	298	Vertical



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**Test Band = 5G NR SA n71\_ 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	1093.8	53.77	-48.22	25.47	-64.23	-13.00	51.23	255	151	Horizontal
2	1718.8	51.91	-48.12	25.40	-66.07	-13.00	53.07	148	171	Horizontal
3	2374	53.43	-47.46	27.43	-61.87	-13.00	48.87	156	108	Horizontal
4	3959.8	48.41	-46.21	30.71	-62.36	-13.00	49.36	129	276	Horizontal
5	4226.4	44.66	-45.91	31.15	-65.36	-13.00	52.36	165	44	Horizontal
6	4904	52.26	-45.59	32.61	-55.98	-13.00	42.98	143	255	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	1122.2	47.33	-48.35	25.50	-70.78	-13.00	57.78	211	194	Vertical
2	1406.2	50.67	-48.02	25.61	-67.00	-13.00	54.00	158	214	Vertical
3	2031.2	47.04	-47.84	26.75	-69.31	-13.00	56.31	196	210	Vertical
4	2366.8	50.40	-47.47	27.42	-64.90	-13.00	51.90	185	298	Vertical
5	3510.2	46.12	-46.52	29.53	-66.13	-13.00	53.13	174	189	Vertical
6	4991.8	47.91	-45.79	32.86	-60.28	-13.00	47.28	142	232	Vertical



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**Test Band = 5G NR SA n71\_ 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	1357	56.03	-48.06	25.61	-61.67	-13.00	48.67	236	2	Horizontal
2	2035.6	77.40	-47.83	26.76	-38.93	-13.00	25.93	256	43	Horizontal
3	2375.6	53.33	-47.46	27.43	-61.96	-13.00	48.96	145	128	Horizontal
4	3392.6	55.31	-46.55	29.44	-57.06	-13.00	44.06	199	191	Horizontal
5	4264.4	44.53	-45.84	31.23	-65.34	-13.00	52.34	125	9	Horizontal
6	4904	52.94	-45.59	32.61	-55.30	-13.00	42.30	148	252	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	1356.8	55.21	-48.06	25.61	-62.49	-13.00	49.49	211	276	Vertical
2	2035.8	77.69	-47.83	26.77	-38.64	-13.00	25.64	158	252	Vertical
3	2372.6	50.35	-47.46	27.43	-64.95	-13.00	51.95	142	233	Vertical
4	3392.6	54.16	-46.55	29.44	-58.21	-13.00	45.21	156	0	Vertical
5	4991.8	48.36	-45.79	32.86	-59.83	-13.00	46.83	163	298	Vertical
6	6060.2	44.25	-44.59	34.15	-61.45	-13.00	48.45	128	41	Vertical



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Test Band = NSA 66A-n71A\_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	1328.1800	45.69	-48.09	25.61	-72.05	-13.00	59.05	244	3	Horizontal
2	1992.2700	45.34	-47.91	26.59	-71.24	-13.00	58.24	148	147	Horizontal
3	2656.3600	44.56	-47.00	28.21	-69.49	-13.00	56.49	163	356	Horizontal
4	3320.4500	45.90	-46.65	29.53	-66.48	-13.00	53.48	256	0	Horizontal
5	3984.5400	43.56	-46.20	30.76	-67.14	-13.00	54.14	148	64	Horizontal
6	4648.6300	42.99	-45.79	31.86	-66.21	-13.00	53.21	199	231	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	1328.1800	45.87	-48.09	25.61	-71.87	-13.00	58.87	142	42	Vertical
2	1992.2700	45.02	-47.91	26.59	-71.56	-13.00	58.56	158	233	Vertical
3	2656.3600	44.16	-47.00	28.21	-69.89	-13.00	56.89	174	2	Vertical
4	3320.4500	43.73	-46.65	29.53	-68.65	-13.00	55.65	133	0	Vertical
5	3984.5400	43.59	-46.20	30.76	-67.11	-13.00	54.11	259	0	Vertical
6	4648.6300	42.71	-45.79	31.86	-66.49	-13.00	53.49	145	256	Vertical



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**Test Band = NSA 66A-n71A\_ 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	1343.1800	45.94	-48.07	25.61	-71.78	-13.00	58.78	245	151	Horizontal
2	2014.7700	45.08	-47.87	26.69	-71.36	-13.00	58.36	126	189	Horizontal
3	2686.3600	44.99	-47.03	28.26	-69.04	-13.00	56.04	155	0	Horizontal
4	3357.9500	44.65	-46.60	29.48	-67.73	-13.00	54.73	195	194	Horizontal
5	4029.5400	42.86	-46.11	30.84	-67.67	-13.00	54.67	148	0	Horizontal
6	4701.1300	42.07	-45.80	32.02	-66.97	-13.00	53.97	172	295	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	1343.1800	45.68	-48.07	25.61	-72.04	-13.00	59.04	245	129	Vertical
2	2014.7700	44.95	-47.87	26.69	-71.49	-13.00	58.49	132	65	Vertical
3	2686.3600	45.09	-47.03	28.26	-68.94	-13.00	55.94	152	276	Vertical
4	3357.9500	44.68	-46.60	29.48	-67.70	-13.00	54.70	169	20	Vertical
5	4029.5400	43.43	-46.11	30.84	-67.10	-13.00	54.10	184	193	Vertical
6	4701.1300	42.96	-45.80	32.02	-66.08	-13.00	53.08	175	148	Vertical



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**Test Band = NSA 66A-n71A\_ 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	1358.1800	49.42	-48.05	25.61	-68.28	-13.00	55.28	245	212	Horizontal
2	2037.2700	44.73	-47.83	26.77	-71.59	-13.00	58.59	125	317	Horizontal
3	2716.3600	44.63	-47.03	28.32	-69.34	-13.00	56.34	136	190	Horizontal
4	3395.4500	44.84	-46.55	29.44	-67.53	-13.00	54.53	256	231	Horizontal
5	4074.5400	43.62	-45.98	30.91	-66.70	-13.00	53.70	192	359	Horizontal
6	4753.6300	42.42	-45.71	32.18	-66.37	-13.00	53.37	175	170	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	1358.1800	50.12	-48.05	25.61	-67.58	-13.00	54.58	254	85	Vertical
2	2037.2700	45.59	-47.83	26.77	-70.73	-13.00	57.73	168	105	Vertical
3	2716.3600	45.96	-47.03	28.32	-68.01	-13.00	55.01	125	189	Vertical
4	3395.4500	43.67	-46.55	29.44	-68.70	-13.00	55.70	184	273	Vertical
5	4074.5400	43.17	-45.98	30.91	-67.15	-13.00	54.15	199	167	Vertical
6	4753.6300	42.10	-45.71	32.18	-66.69	-13.00	53.69	274	84	Vertical



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Test Band = 5G NR CA n71A-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	4479.6667	28.27	-20.45	31.59	-55.85	-13.00	42.85	215	292	Horizontal
2	5865.6667	29.87	-18.84	33.87	-50.35	-13.00	37.35	145	120	Horizontal
3	6810.1800	41.02	-43.61	35.85	-62.00	-13.00	49.00	132	287	Horizontal
4	10215.2700	35.46	-39.23	38.81	-60.22	-13.00	47.22	156	90	Horizontal
5	13620.3600	32.65	-36.03	40.13	-58.51	-13.00	45.51	291	239	Horizontal
6	17025.4500	33.06	-33.71	38.51	-57.40	-13.00	44.40	148	75	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	4699.6667	28.38	-20.00	32.01	-54.87	-13.00	41.87	255	40	Vertical
2	5709.8333	29.66	-18.76	33.42	-50.94	-13.00	37.94	145	268	Vertical
3	6810.1800	41.66	-43.61	35.85	-61.36	-13.00	48.36	126	1	Vertical
4	10215.2700	34.73	-39.23	38.81	-60.95	-13.00	47.95	162	344	Vertical
5	13620.3600	33.27	-36.03	40.13	-57.89	-13.00	44.89	125	134	Vertical
6	17025.4500	32.69	-33.71	38.51	-57.77	-13.00	44.77	188	0	Vertical



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**Test Band = 5G NR CA n71A-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	3187.5	52.99	-45.80	29.66	-58.41	-13.00	45.41	254	180	Horizontal
2	3750	46.15	-45.71	30.15	-64.67	-13.00	51.67	125	225	Horizontal
3	5000.25	44.50	-45.64	32.88	-63.52	-13.00	50.52	169	225	Horizontal
4	6810.1800	37.89	-44.16	35.85	-65.68	-13.00	52.68	154	28	Horizontal
5	10215.2700	29.22	-39.44	38.81	-66.66	-13.00	53.66	185	225	Horizontal
6	13620.3600	30.17	-36.10	40.13	-61.06	-13.00	48.06	135	73	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	3187.5	53.52	-45.80	29.66	-57.88	-13.00	44.88	211	135	Vertical
2	4843.5	46.53	-45.54	32.44	-61.82	-13.00	48.82	145	301	Vertical
3	5156.25	45.12	-45.32	32.97	-62.49	-13.00	49.49	196	270	Vertical
4	6810.1800	38.01	-44.16	35.85	-65.56	-13.00	52.56	175	301	Vertical
5	10215.2700	28.73	-39.44	38.81	-67.15	-13.00	54.15	143	1	Vertical
6	13620.3600	30.08	-36.10	40.13	-61.15	-13.00	48.15	216	181	Vertical



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**Test Band = 5G NR CA n71A-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	4333	28.18	-20.57	31.37	-56.27	-13.00	43.27	142	3	Horizontal
2	5251.5	29.58	-18.90	32.94	-51.64	-13.00	38.64	132	106	Horizontal
3	6910.1800	40.37	-43.80	35.97	-62.72	-13.00	49.72	155	14	Horizontal
4	10365.2700	35.41	-38.81	38.85	-59.80	-13.00	46.80	126	270	Horizontal
5	13820.3600	32.05	-36.11	39.98	-59.34	-13.00	46.34	199	71	Horizontal
6	17275.4500	32.78	-35.16	38.70	-58.93	-13.00	45.93	145	71	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	4455.8333	28.18	-20.52	31.57	-56.04	-13.00	43.04	144	172	Vertical
2	5066.3333	29.11	-19.32	32.92	-52.55	-13.00	39.55	158	203	Vertical
3	6910.1800	40.99	-43.80	35.97	-62.10	-13.00	49.10	169	269	Vertical
4	10365.2700	35.09	-38.81	38.85	-60.12	-13.00	47.12	291	151	Vertical
5	13820.3600	32.25	-36.11	39.98	-59.14	-13.00	46.14	142	346	Vertical
6	17275.4500	32.78	-35.16	38.70	-58.93	-13.00	45.93	175	252	Vertical



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**Test Band = 5G NR CA n71A-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	4600.6667	28.40	-20.35	31.71	-55.50	-13.00	42.50	165	80	Horizontal
2	5308.3333	29.41	-18.80	32.89	-51.76	-13.00	38.76	124	360	Horizontal
3	6810.1800	42.37	-43.61	35.85	-60.65	-13.00	47.65	132	0	Horizontal
4	10215.2700	35.53	-39.23	38.81	-60.15	-13.00	47.15	152	238	Horizontal
5	13620.3600	33.03	-36.03	40.13	-58.13	-13.00	45.13	188	41	Horizontal
6	17025.4500	32.85	-33.71	38.51	-57.61	-13.00	44.61	175	41	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	4575	28.41	-20.36	31.69	-55.52	-13.00	42.52	266	148	Vertical
2	5214.8333	29.64	-18.98	32.98	-51.63	-13.00	38.63	215	100	Vertical
3	6810.1800	41.09	-43.61	35.85	-61.93	-13.00	48.93	148	357	Vertical
4	10215.2700	35.65	-39.23	38.81	-60.03	-13.00	47.03	125	209	Vertical
5	13620.3600	31.75	-36.03	40.13	-59.41	-13.00	46.41	120	0	Vertical
6	17025.4500	32.72	-33.71	38.51	-57.74	-13.00	44.74	139	166	Vertical



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**Test Band = 5G NR CA n71A-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	4696	28.40	-20.01	32.00	-54.87	-13.00	41.87	174	54	Horizontal
2	5730	29.76	-18.82	33.49	-50.83	-13.00	37.83	155	34	Horizontal
3	6910.1800	40.83	-43.80	35.97	-62.26	-13.00	49.26	169	344	Horizontal
4	10365.2700	35.75	-38.81	38.85	-59.46	-13.00	46.46	192	224	Horizontal
5	13820.3600	32.06	-36.11	39.98	-59.33	-13.00	46.33	145	58	Horizontal
6	17275.4500	33.14	-35.16	38.70	-58.57	-13.00	45.57	162	224	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	5079.1667	29.63	-19.30	32.92	-52.00	-13.00	39.00	255	208	Vertical
2	5680.5	29.64	-18.73	33.31	-51.03	-13.00	38.03	145	296	Vertical
3	6910.1800	41.17	-43.80	35.97	-61.92	-13.00	48.92	136	285	Vertical
4	10365.2700	35.27	-38.81	38.85	-59.94	-13.00	46.94	256	2	Vertical
5	13820.3600	32.06	-36.11	39.98	-59.33	-13.00	46.33	142	16	Vertical
6	17275.4500	32.62	-35.16	38.70	-59.09	-13.00	46.09	199	0	Vertical



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**Test Band = 5G NR CA n71A-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	4234	27.83	-20.82	31.17	-57.08	-13.00	44.08	254	140	Horizontal
2	5198.3333	29.32	-19.02	32.99	-51.97	-13.00	38.97	126	360	Horizontal
3	7010.1800	41.31	-43.06	36.11	-60.90	-13.00	47.90	158	76	Horizontal
4	10515.2700	34.91	-38.64	38.98	-60.02	-13.00	47.02	148	59	Horizontal
5	14020.3600	30.68	-35.04	40.15	-59.47	-13.00	46.47	165	90	Horizontal
6	17525.4500	32.68	-33.81	39.28	-57.11	-13.00	44.11	129	107	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	4591.5	28.74	-20.35	31.70	-55.17	-13.00	42.17	211	360	Vertical
2	5821.6667	29.95	-18.97	33.79	-50.49	-13.00	37.49	132	310	Vertical
3	7010.1800	40.41	-43.06	36.11	-61.80	-13.00	48.80	147	0	Vertical
4	10515.2700	34.51	-38.64	38.98	-60.42	-13.00	47.42	158	193	Vertical
5	14020.3600	31.04	-35.04	40.15	-59.11	-13.00	46.11	169	255	Vertical
6	17525.4500	32.80	-33.81	39.28	-56.99	-13.00	43.99	211	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) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---

