

Report No.: SEWM2209000178RG02

Rev.: 01

Page: 1 of 19

# Appendix B.27

## 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	Verdict	Verdict
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	23.12	21.33	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	23.29	21.5	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	22.28	20.49	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	22.33	20.54	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	22.56	20.77	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	21.41	19.62	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	21.32	19.53	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.25	19.46	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	20.25	18.46	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	18.69	16.9	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	18.82	17.03	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	18.85	17.06	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	23.36	21.57	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	23.18	21.39	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	22.33	20.54	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	22.51	20.72	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	22.35	20.56	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	21.44	19.65	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	20.39	18.6	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	20.26	18.47	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	20.93	19.14	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	18.86	17.07	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	18.74	16.95	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	18.89	17.1	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	23.11	21.32	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	23.31	21.52	34.77	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	22.28	20.49	34.77	PASS



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Report No.: SEWM2209000178RG02

Rev.: 01

Page: 3 of 19

N71	15	5	DFT-16QAM	H	Inner_1RB_Left	22.35	20.56	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	22.47	20.68	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	21.22	19.43	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.25	19.46	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.36	19.57	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	20.52	18.73	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	19.56	17.77	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	19.52	17.73	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	18.63	16.84	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	23.07	21.28	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	23.39	21.6	34.77	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	22.15	20.36	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	22.15	20.36	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	22.61	20.82	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	21.32	19.53	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	20.11	18.32	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	20.45	18.66	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	20.74	18.95	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	18.55	16.76	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	18.9	17.11	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	18.73	16.94	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	23.31	21.52	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	23.07	21.28	34.77	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	22.21	20.42	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	22.43	20.64	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	22.33	20.54	34.77	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	21.32	19.53	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	20.37	18.58	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	20.16	18.37	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	20.81	19.02	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	18.78	16.99	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	18.58	16.79	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	18.77	16.98	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	22.83	21.04	34.77	PASS



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Report No.: SEWM2209000178RG02

Rev.: 01

Page: 4 of 19

N71	15	10	DFT-QPSK	H	Inner_1RB_Right	23.23	21.44	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	22.06	20.27	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	21.83	20.04	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	22.26	20.47	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	21.17	19.38	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	20.56	18.77	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	20.95	19.16	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	20.7	18.91	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	18.37	16.58	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	18.77	16.98	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	18.69	16.9	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	23.06	21.27	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	23.37	21.58	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	22.35	20.56	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	22.07	20.28	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	22.36	20.57	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	21.46	19.67	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.36	19.57	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	21.25	19.46	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	20.22	18.43	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	18.63	16.84	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	18.88	17.09	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	18.91	17.12	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	23.33	21.54	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	23.11	21.32	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	22.41	20.62	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	22.27	20.48	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	22.07	20.28	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	21.52	19.73	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	21.33	19.54	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	21.56	19.77	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	20.36	18.57	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	18.89	17.1	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	18.62	16.83	34.77	PASS



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Report No.: SEWM2209000178RG02

Rev.: 01

Page: 5 of 19

N71	15	15	DFT-256QAM	M	Outer_Full	18.97	17.18	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	22.45	20.66	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	23.36	21.57	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	22.08	20.29	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	22.05	20.26	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	22.4	20.61	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	21.25	19.46	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	20.79	19	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	20.63	18.84	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	19.52	17.73	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	18.52	16.73	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	18.69	16.9	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	17.32	15.53	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	23	21.21	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	23.21	21.42	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	22.16	20.37	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	22.02	20.23	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	22.15	20.36	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	21.29	19.5	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	20.74	18.95	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	20.9	19.11	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	20.8	19.01	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	18.55	16.76	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	18.7	16.91	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	18.78	16.99	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	23.24	21.45	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	23.05	21.26	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	22.41	20.62	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	22.27	20.48	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	22.03	20.24	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	21.59	19.8	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	20.99	19.2	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	20.78	18.99	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	21.08	19.29	34.77	PASS



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Report No.: SEWM2209000178RG02

Rev.: 01

Page: 6 of 19

N71	15	20	DFT-256QAM	M	Inner_1RB_Left	18.79	17	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	18.63	16.84	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	19.04	17.25	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	23.21	21.42	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	23.29	21.5	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	22.02	20.23	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	22.15	20.36	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	22.32	20.53	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	21.14	19.35	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	20.91	19.12	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	21.01	19.22	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	20.64	18.85	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	18.7	16.91	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	18.85	17.06	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	18.64	16.85	34.77	PASS
N71	30	20	DFT-QPSK	L	Inner_1RB_Left	23.23	21.44	34.77	PASS
N71	30	20	DFT-QPSK	L	Inner_1RB_Right	23.44	21.65	34.77	PASS
N71	30	20	DFT-QPSK	L	Outer_Full	22.38	20.59	34.77	PASS
N71	30	20	DFT-16QAM	L	Inner_1RB_Left	22.24	20.45	34.77	PASS
N71	30	20	DFT-16QAM	L	Inner_1RB_Right	22.37	20.58	34.77	PASS
N71	30	20	DFT-16QAM	L	Outer_Full	21.5	19.71	34.77	PASS
N71	30	20	DFT-64QAM	L	Inner_1RB_Left	20.95	19.16	34.77	PASS
N71	30	20	DFT-64QAM	L	Inner_1RB_Right	21.11	19.32	34.77	PASS
N71	30	20	DFT-64QAM	L	Outer_Full	21.01	19.22	34.77	PASS
N71	30	20	DFT-256QAM	L	Inner_1RB_Left	18.74	16.95	34.77	PASS
N71	30	20	DFT-256QAM	L	Inner_1RB_Right	18.89	17.1	34.77	PASS
N71	30	20	DFT-256QAM	L	Outer_Full	18.97	17.18	34.77	PASS
N71	30	20	DFT-QPSK	M	Inner_1RB_Left	23.47	21.68	34.77	PASS
N71	30	20	DFT-QPSK	M	Inner_1RB_Right	23.28	21.49	34.77	PASS
N71	30	20	DFT-QPSK	M	Outer_Full	22.63	20.84	34.77	PASS
N71	30	20	DFT-16QAM	M	Inner_1RB_Left	22.49	20.7	34.77	PASS
N71	30	20	DFT-16QAM	M	Inner_1RB_Right	22.25	20.46	34.77	PASS
N71	30	20	DFT-16QAM	M	Outer_Full	21.81	20.02	34.77	PASS
N71	30	20	DFT-64QAM	M	Inner_1RB_Left	21.2	19.41	34.77	PASS



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Report No.: SEWM2209000178RG02

Rev.: 01

Page: 7 of 19

N71	30	20	DFT-64QAM	M	Inner_1RB_Right	20.99	19.2	34.77	PASS
N71	30	20	DFT-64QAM	M	Outer_Full	21.29	19.5	34.77	PASS
N71	30	20	DFT-256QAM	M	Inner_1RB_Left	18.98	17.19	34.77	PASS
N71	30	20	DFT-256QAM	M	Inner_1RB_Right	18.82	17.03	34.77	PASS
N71	30	20	DFT-256QAM	M	Outer_Full	19.23	17.44	34.77	PASS
N71	30	20	DFT-QPSK	H	Inner_1RB_Left	23.44	21.65	34.77	PASS
N71	30	20	DFT-QPSK	H	Inner_1RB_Right	23.52	21.73	34.77	PASS
N71	30	20	DFT-QPSK	H	Outer_Full	22.24	20.45	34.77	PASS
N71	30	20	DFT-16QAM	H	Inner_1RB_Left	22.37	20.58	34.77	PASS
N71	30	20	DFT-16QAM	H	Inner_1RB_Right	22.54	20.75	34.77	PASS
N71	30	20	DFT-16QAM	H	Outer_Full	21.35	19.56	34.77	PASS
N71	30	20	DFT-64QAM	H	Inner_1RB_Left	21.12	19.33	34.77	PASS
N71	30	20	DFT-64QAM	H	Inner_1RB_Right	21.22	19.43	34.77	PASS
N71	30	20	DFT-64QAM	H	Outer_Full	20.85	19.06	34.77	PASS
N71	30	20	DFT-256QAM	H	Inner_1RB_Left	18.89	17.1	34.77	PASS
N71	30	20	DFT-256QAM	H	Inner_1RB_Right	19.04	17.25	34.77	PASS
N71	30	20	DFT-256QAM	H	Outer_Full	18.83	17.04	34.77	PASS



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## Field Strength of Spurious Radiation

Test Band = SA Band71\_ 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	82.77	-48.09	25.61	-34.98	-13.00	21.98	254	103	Horizontal
2	1990.8	79.38	-47.91	26.58	-37.21	-13.00	24.21	156	4	Horizontal
3	2654.2	65.20	-47.00	28.20	-48.85	-13.00	35.85	129	359	Horizontal
4	3318	57.97	-46.65	29.53	-54.41	-13.00	41.41	132	20	Horizontal
5	3981	56.35	-46.21	30.76	-54.36	-13.00	41.36	166	109	Horizontal
6	4843.8	52.66	-45.61	32.44	-55.77	-13.00	42.77	147	291	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	1326.8	82.25	-48.10	25.61	-35.50	-13.00	22.50	248	228	Vertical
2	1990.6	78.27	-47.91	26.58	-38.32	-13.00	25.32	156	290	Vertical
3	2653.8	62.51	-46.99	28.20	-51.54	-13.00	38.54	126	104	Vertical
4	3317.8	60.39	-46.66	29.53	-51.99	-13.00	38.99	292	19	Vertical
5	3981.4	54.68	-46.21	30.76	-56.03	-13.00	43.03	185	58	Vertical
6	4843.8	55.51	-45.61	32.44	-52.92	-13.00	39.92	145	269	Vertical



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 Wireless Laboratory

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**Test Band = SA Band71\_ 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	1341.8	85.19	-48.08	25.61	-32.53	-13.00	19.53	242	105	Horizontal
2	2013	90.35	-47.88	26.69	-26.10	-13.00	13.10	153	337	Horizontal
3	2684	73.44	-47.03	28.26	-40.59	-13.00	27.59	236	26	Horizontal
4	3355.4	66.52	-46.60	29.49	-45.86	-13.00	32.86	256	67	Horizontal
5	4026.4	65.81	-46.12	30.84	-44.73	-13.00	31.73	269	132	Horizontal
6	4697.2	59.25	-45.80	32.01	-49.80	-13.00	36.80	291	132	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	1342.2	85.35	-48.08	25.61	-32.37	-13.00	19.37	286	24	Vertical
2	2013	87.11	-47.88	26.69	-29.34	-13.00	16.34	296	150	Vertical
3	2684	70.23	-47.03	28.26	-43.80	-13.00	30.80	254	150	Vertical
4	3355.2	65.42	-46.60	29.49	-46.96	-13.00	33.96	128	0	Vertical
5	4026	58.99	-46.12	30.84	-51.55	-13.00	38.55	165	66	Vertical
6	4697.2	59.09	-45.80	32.01	-49.96	-13.00	36.96	122	340	Vertical



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Test Band = SA Band71\_ 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	88.73	-48.06	25.61	-28.97	-13.00	15.97	256	357	Horizontal
2	2035.8	87.96	-47.83	26.77	-28.37	-13.00	15.37	142	349	Horizontal
3	2714	73.02	-47.03	28.32	-40.96	-13.00	27.96	126	12	Horizontal
4	3392.6	69.09	-46.55	29.44	-43.28	-13.00	30.28	293	69	Horizontal
5	4071	63.27	-45.99	30.91	-47.07	-13.00	34.07	254	104	Horizontal
6	4750	64.35	-45.72	32.17	-44.46	-13.00	31.46	188	42	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	1357.2	85.68	-48.06	25.61	-32.02	-13.00	19.02	264	318	Vertical
2	2035.8	91.28	-47.83	26.77	-25.05	-13.00	12.05	128	167	Vertical
3	2714.2	74.06	-47.03	28.32	-39.91	-13.00	26.91	198	314	Vertical
4	3392.4	63.33	-46.55	29.44	-49.04	-13.00	36.04	178	11	Vertical
5	4071.4	61.86	-45.99	30.91	-48.48	-13.00	35.48	145	67	Vertical
6	4749.8	59.02	-45.72	32.17	-49.79	-13.00	36.79	133	356	Vertical



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**Test Band = n25\_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	1328.1800	37.32	-24.80	25.61	-57.13	-13.00	44.13	245	9	Horizontal
2	1992.2700	38.62	-24.48	26.60	-54.52	-13.00	41.52	169	212	Horizontal
3	2656.3600	38.30	-22.84	28.21	-51.59	-13.00	38.59	154	222	Horizontal
4	3704.1800	48.50	-45.52	29.99	-62.29	-13.00	49.29	185	164	Horizontal
5	5556.2700	49.83	-45.14	32.97	-57.60	-13.00	44.60	142	148	Horizontal
6	7408.3600	43.01	-43.39	36.49	-59.15	-13.00	46.15	132	357	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	37.24	-24.80	25.61	-57.21	-13.00	44.21	289	293	Vertical
2	1992.2700	39.56	-24.48	26.60	-53.58	-13.00	40.58	174	174	Vertical
3	2656.3600	39.23	-22.84	28.21	-50.66	-13.00	37.66	165	62	Vertical
4	3704.1800	48.22	-45.52	29.99	-62.57	-13.00	49.57	186	3	Vertical
5	5556.2700	47.54	-45.14	32.97	-59.89	-13.00	46.89	135	359	Vertical
6	7408.3600	42.97	-43.39	36.49	-59.19	-13.00	46.19	146	134	Vertical



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**Test Band = n25\_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	1343.1800	36.92	-24.89	25.61	-57.62	-13.00	44.62	215	356	Horizontal
2	2014.7700	37.57	-24.43	26.69	-55.42	-13.00	42.42	188	3	Horizontal
3	2686.3600	38.47	-22.85	28.26	-51.37	-13.00	38.37	196	261	Horizontal
4	3729.1800	47.97	-45.62	30.08	-62.84	-13.00	49.84	148	299	Horizontal
5	5593.7700	47.29	-45.08	33.01	-60.04	-13.00	47.04	175	59	Horizontal
6	7458.3600	43.44	-43.25	36.46	-58.61	-13.00	45.61	143	313	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	37.88	-24.89	25.61	-56.66	-13.00	43.66	215	202	Vertical
2	2014.7700	38.74	-24.43	26.69	-54.25	-13.00	41.25	145	112	Vertical
3	2686.3600	39.17	-22.85	28.26	-50.67	-13.00	37.67	196	141	Vertical
4	3729.1800	48.79	-45.62	30.08	-62.02	-13.00	49.02	132	360	Vertical
5	5593.7700	47.59	-45.08	33.01	-59.74	-13.00	46.74	152	178	Vertical
6	7458.3600	43.81	-43.25	36.46	-58.24	-13.00	45.24	188	118	Vertical



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**Test Band = n25\_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	1358.1800	38.36	-24.98	25.61	-56.27	-13.00	43.27	241	22	Horizontal
2	2037.2700	38.43	-24.37	26.77	-54.43	-13.00	41.43	189	62	Horizontal
3	2716.3600	38.14	-22.80	28.32	-51.60	-13.00	38.60	175	132	Horizontal
4	3754.1800	46.52	-45.73	30.17	-64.30	-13.00	51.30	194	118	Horizontal
5	5631.2700	46.79	-45.00	33.14	-60.33	-13.00	47.33	163	268	Horizontal
6	7508.3600	43.24	-43.12	36.44	-58.71	-13.00	45.71	133	343	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	37.84	-24.98	25.61	-56.79	-13.00	43.79	274	152	Vertical
2	2037.2700	38.04	-24.37	26.77	-54.82	-13.00	41.82	185	5	Vertical
3	2716.3600	38.48	-22.80	28.32	-51.26	-13.00	38.26	146	71	Vertical
4	3754.1800	47.23	-45.73	30.17	-63.59	-13.00	50.59	126	209	Vertical
5	5631.2700	47.34	-45.00	33.14	-59.78	-13.00	46.78	256	284	Vertical
6	7508.3600	43.38	-43.12	36.44	-58.57	-13.00	45.57	293	135	Vertical



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**Test Band = n66\_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	1328.1800	37.30	-24.80	25.61	-57.15	-13.00	44.15	254	31	Horizontal
2	1992.2700	38.33	-24.48	26.60	-54.81	-13.00	41.81	189	170	Horizontal
3	2656.3600	39.19	-22.84	28.21	-50.70	-13.00	37.70	233	211	Horizontal
4	3422.1800	49.29	-46.28	29.45	-62.80	-13.00	49.80	256	46	Horizontal
5	5133.2700	45.15	-45.34	32.95	-62.50	-13.00	49.50	145	150	Horizontal
6	6844.3600	45.51	-44.14	35.89	-58.00	-13.00	45.00	129	31	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	37.93	-24.80	25.61	-56.52	-13.00	43.52	218	83	Vertical
2	1992.2700	39.97	-24.48	26.60	-53.17	-13.00	40.17	174	83	Vertical
3	2656.3600	40.27	-22.84	28.21	-49.62	-13.00	36.62	185	92	Vertical
4	3422.1800	49.76	-46.28	29.45	-62.33	-13.00	49.33	196	224	Vertical
5	5133.2700	45.72	-45.34	32.95	-61.93	-13.00	48.93	141	360	Vertical
6	6844.3600	44.80	-44.14	35.89	-58.71	-13.00	45.71	152	179	Vertical



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**Test Band = n66\_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	1343.1800	38.06	-24.89	25.61	-56.48	-13.00	43.48	211	220	Horizontal
2	2014.7700	37.97	-24.43	26.69	-55.02	-13.00	42.02	256	42	Horizontal
3	2686.3600	39.26	-22.85	28.26	-50.58	-13.00	37.58	203	349	Horizontal
4	3472.1800	50.52	-46.27	29.50	-61.51	-13.00	48.51	216	330	Horizontal
5	5208.2700	46.27	-45.26	32.98	-61.27	-13.00	48.27	148	150	Horizontal
6	6944.3600	44.33	-43.85	36.01	-58.77	-13.00	45.77	190	357	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	38.86	-24.89	25.61	-55.68	-13.00	42.68	211	90	Vertical
2	2014.7700	41.27	-24.43	26.69	-51.72	-13.00	38.72	105	90	Vertical
3	2686.3600	39.56	-22.85	28.26	-50.28	-13.00	37.28	130	141	Vertical
4	3472.1800	49.43	-46.27	29.50	-62.60	-13.00	49.60	251	4	Vertical
5	5208.2700	47.20	-45.26	32.98	-60.34	-13.00	47.34	174	330	Vertical
6	6944.3600	44.70	-43.85	36.01	-58.40	-13.00	45.40	190	90	Vertical



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**Test Band = n66\_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	1358.1800	37.65	-24.98	25.61	-56.98	-13.00	43.98	210	340	Horizontal
2	2037.2700	37.74	-24.37	26.77	-55.12	-13.00	42.12	140	32	Horizontal
3	2716.3600	38.37	-22.80	28.32	-51.37	-13.00	38.37	165	191	Horizontal
4	3522.1800	49.25	-46.23	29.54	-62.70	-13.00	49.70	129	4	Horizontal
5	5283.2700	46.92	-45.12	32.91	-60.55	-13.00	47.55	132	74	Horizontal
6	7044.3600	46.66	-43.85	36.20	-56.25	-13.00	43.25	133	88	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	40.17	-24.98	25.61	-54.46	-13.00	41.46	222	181	Vertical
2	2037.2700	41.40	-24.37	26.77	-51.46	-13.00	38.46	155	181	Vertical
3	2716.3600	38.53	-22.80	28.32	-51.21	-13.00	38.21	142	219	Vertical
4	3522.1800	49.03	-46.23	29.54	-62.92	-13.00	49.92	132	353	Vertical
5	5283.2700	46.33	-45.12	32.91	-61.14	-13.00	48.14	168	120	Vertical
6	7044.3600	45.73	-43.85	36.20	-57.18	-13.00	44.18	195	353	Vertical



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**Test Band = n41\_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	1328.1800	38.32	-24.80	25.61	-56.13	-25.00	31.13	145	190	Horizontal
2	1992.2700	38.17	-24.48	26.60	-54.97	-25.00	29.97	196	79	Horizontal
3	2656.3600	38.94	-22.84	28.21	-50.95	-25.00	25.95	125	311	Horizontal
4	5002.2000	46.89	-45.63	32.88	-61.12	-25.00	36.12	145	4	Horizontal
5	7503.3000	42.54	-43.13	36.44	-59.41	-25.00	34.41	186	134	Horizontal
6	10004.4000	35.55	-39.23	38.50	-60.45	-25.00	35.45	133	269	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	37.24	-24.80	25.61	-57.21	-25.00	32.21	287	24	Vertical
2	1992.2700	38.68	-24.48	26.60	-54.46	-25.00	29.46	159	357	Vertical
3	2656.3600	49.83	-22.84	28.21	-40.06	-25.00	15.06	148	0	Vertical
4	5002.2000	47.69	-45.63	32.88	-60.32	-25.00	35.32	165	164	Vertical
5	7503.3000	43.70	-43.13	36.44	-58.25	-25.00	33.25	182	150	Vertical
6	10004.4000	34.58	-39.23	38.50	-61.42	-25.00	36.42	149	357	Vertical



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Test Band = n41\_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	1343.1800	36.30	-24.89	25.61	-58.24	-25.00	33.24	222	21	Horizontal
2	2014.7700	37.24	-24.43	26.69	-55.75	-25.00	30.75	154	1	Horizontal
3	2686.3600	38.44	-22.85	28.26	-51.40	-25.00	26.40	132	341	Horizontal
4	5096.1600	46.26	-45.38	32.93	-61.45	-25.00	36.45	126	239	Horizontal
5	7644.2400	42.04	-43.02	36.48	-59.76	-25.00	34.76	195	360	Horizontal
6	10192.3200	30.99	-39.47	38.80	-64.94	-25.00	39.94	178	120	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	36.66	-24.89	25.61	-57.88	-25.00	32.88	236	183	Vertical
2	2014.7700	37.48	-24.43	26.69	-55.51	-25.00	30.51	251	342	Vertical
3	2686.3600	42.64	-22.85	28.26	-47.20	-25.00	22.20	145	43	Vertical
4	5096.1600	46.35	-45.38	32.93	-61.36	-25.00	36.36	126	352	Vertical
5	7644.2400	41.88	-43.02	36.48	-59.92	-25.00	34.92	133	4	Vertical
6	10192.3200	31.93	-39.47	38.80	-64.00	-25.00	39.00	199	46	Vertical



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Test Band = n41\_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	1358.1800	38.13	-24.98	25.61	-56.50	-25.00	31.50	274	20	Horizontal
2	2037.2700	37.61	-24.37	26.77	-55.25	-25.00	30.25	184	239	Horizontal
3	2716.3600	38.08	-22.80	28.32	-51.66	-25.00	26.66	195	279	Horizontal
4	5190.1800	47.06	-45.29	32.98	-60.50	-25.00	35.50	198	352	Horizontal
5	7785.2700	40.78	-42.43	36.75	-60.15	-25.00	35.15	145	360	Horizontal
6	10380.3600	31.55	-39.03	38.86	-63.88	-25.00	38.88	126	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	1358.1800	37.23	-24.98	25.61	-57.40	-25.00	32.40	217	329	Vertical
2	2037.2700	38.72	-24.37	26.77	-54.14	-25.00	29.14	145	0	Vertical
3	2716.3600	40.36	-22.80	28.32	-49.38	-25.00	24.38	169	14	Vertical
4	5190.1800	46.61	-45.29	32.98	-60.95	-25.00	35.95	191	74	Vertical
5	7785.2700	42.34	-42.43	36.75	-58.59	-25.00	33.59	182	4	Vertical
6	10380.3600	32.48	-39.03	38.86	-62.95	-25.00	37.95	173	314	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---

