

Report No.: SEWM2209000178RG01

Rev.: 01

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Appendix B.16

LTE Band 71



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.68	20.89	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#12	22.66	20.87	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.6	20.81	34.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.67	19.88	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#0	21.48	19.69	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.5	20.71	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.42	20.63	34.77	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.52	19.73	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.57	20.78	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.56	20.77	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.5	20.71	34.77	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.54	19.75	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.77	19.98	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.76	19.97	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.74	19.95	34.77	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.86	19.07	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.61	19.82	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.63	19.84	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.55	19.76	34.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.66	18.87	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.57	19.78	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.67	19.88	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.61	19.82	34.77	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.72	18.93	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#0	21.02	19.23	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#12	20.98	19.19	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#24	20.94	19.15	34.77	PASS



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Band71	5MHz	64QAM	133147	25RB#0	19.82	18.03	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#0	20.74	18.95	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#12	20.7	18.91	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#24	20.74	18.95	34.77	PASS
Band71	5MHz	64QAM	133297	25RB#0	19.64	17.85	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#0	20.82	19.03	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#12	20.82	19.03	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#24	20.81	19.02	34.77	PASS
Band71	5MHz	64QAM	133447	25RB#0	19.64	17.85	34.77	PASS
Band71	5MHz	256QAM	133147	1RB#0	19.21	17.42	34.77	PASS
Band71	5MHz	256QAM	133147	1RB#12	19.1	17.31	34.77	PASS
Band71	5MHz	256QAM	133147	1RB#24	18.85	17.06	34.77	PASS
Band71	5MHz	256QAM	133147	25RB#0	18.32	16.53	34.77	PASS
Band71	5MHz	256QAM	133297	1RB#0	18.96	17.17	34.77	PASS
Band71	5MHz	256QAM	133297	1RB#12	18.98	17.19	34.77	PASS
Band71	5MHz	256QAM	133297	1RB#24	18.78	16.99	34.77	PASS
Band71	5MHz	256QAM	133297	25RB#0	18.21	16.42	34.77	PASS
Band71	5MHz	256QAM	133447	1RB#0	18.99	17.2	34.77	PASS
Band71	5MHz	256QAM	133447	1RB#12	19.02	17.23	34.77	PASS
Band71	5MHz	256QAM	133447	1RB#24	19.12	17.33	34.77	PASS
Band71	5MHz	256QAM	133447	25RB#0	18.25	16.46	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.65	20.86	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#24	22.65	20.86	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.42	20.63	34.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.7	19.91	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.41	20.62	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.45	20.66	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.37	20.58	34.77	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.57	19.78	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.37	20.58	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.48	20.69	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.46	20.67	34.77	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.61	19.82	34.77	PASS



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Band71	10MHz	16QAM	133172	1RB#0	21.81	20.02	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.8	20.01	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.61	19.82	34.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.83	19.04	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.55	19.76	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.63	19.84	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.5	19.71	34.77	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.7	18.91	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.53	19.74	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.65	19.86	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.61	19.82	34.77	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.72	18.93	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#0	20.99	19.2	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#24	20.99	19.2	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#49	20.86	19.07	34.77	PASS
Band71	10MHz	64QAM	133172	50RB#0	19.84	18.05	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#0	20.73	18.94	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#24	20.8	19.01	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#49	20.69	18.9	34.77	PASS
Band71	10MHz	64QAM	133297	50RB#0	19.7	17.91	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#0	20.73	18.94	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#24	20.8	19.01	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#49	20.8	19.01	34.77	PASS
Band71	10MHz	64QAM	133422	50RB#0	19.72	17.93	34.77	PASS
Band71	10MHz	256QAM	133172	1RB#0	19.63	17.84	34.77	PASS
Band71	10MHz	256QAM	133172	1RB#24	19.54	17.75	34.77	PASS
Band71	10MHz	256QAM	133172	1RB#49	19.45	17.66	34.77	PASS
Band71	10MHz	256QAM	133172	50RB#0	18.52	16.73	34.77	PASS
Band71	10MHz	256QAM	133297	1RB#0	19.36	17.57	34.77	PASS
Band71	10MHz	256QAM	133297	1RB#24	19.54	17.75	34.77	PASS
Band71	10MHz	256QAM	133297	1RB#49	19.45	17.66	34.77	PASS
Band71	10MHz	256QAM	133297	50RB#0	18.52	16.73	34.77	PASS
Band71	10MHz	256QAM	133422	1RB#0	19.78	17.99	34.77	PASS



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Band71	10MHz	256QAM	133422	1RB#24	19.58	17.79	34.77	PASS
Band71	10MHz	256QAM	133422	1RB#49	18.52	16.73	34.77	PASS
Band71	10MHz	256QAM	133422	50RB#0	19.54	17.75	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.54	20.75	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.47	20.68	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.29	20.5	34.77	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.49	19.7	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.4	20.61	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.41	20.62	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.29	20.5	34.77	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.59	19.8	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.28	20.49	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.37	20.58	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.4	20.61	34.77	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.45	19.66	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.68	19.89	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.65	19.86	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.47	19.68	34.77	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.62	18.83	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.56	19.77	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.61	19.82	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.46	20.67	34.77	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.69	18.9	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.49	19.7	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.58	19.79	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.58	19.79	34.77	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.54	18.75	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#0	20.91	19.12	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#38	20.84	19.05	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#74	20.66	18.87	34.77	PASS
Band71	15MHz	64QAM	133197	75RB#0	19.59	17.8	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#0	20.72	18.93	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#38	20.77	18.98	34.77	PASS



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Band71	15MHz	64QAM	133297	75RB#0	19.68	17.89	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#0	20.69	18.9	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#38	20.75	18.96	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#74	20.78	18.99	34.77	PASS
Band71	15MHz	64QAM	133397	75RB#0	19.57	17.78	34.77	PASS
Band71	15MHz	256QAM	133197	1RB#0	19.23	17.44	34.77	PASS
Band71	15MHz	256QAM	133197	1RB#38	19.41	17.62	34.77	PASS
Band71	15MHz	256QAM	133197	1RB#74	18.56	16.77	34.77	PASS
Band71	15MHz	256QAM	133197	75RB#0	18.96	17.17	34.77	PASS
Band71	15MHz	256QAM	133297	1RB#0	18.56	16.77	34.77	PASS
Band71	15MHz	256QAM	133297	1RB#38	18.52	16.73	34.77	PASS
Band71	15MHz	256QAM	133297	1RB#74	18.63	16.84	34.77	PASS
Band71	15MHz	256QAM	133297	75RB#0	17.96	16.17	34.77	PASS
Band71	15MHz	256QAM	133397	1RB#0	18.65	16.86	34.77	PASS
Band71	15MHz	256QAM	133397	1RB#38	18.74	16.95	34.77	PASS
Band71	15MHz	256QAM	133397	1RB#74	18.66	16.87	34.77	PASS
Band71	15MHz	256QAM	133397	75RB#0	17.56	15.77	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.53	20.74	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#49	22.55	20.76	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.6	20.81	34.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.35	19.56	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.33	20.54	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#49	22.39	20.6	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.32	20.53	34.77	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.58	19.79	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.37	20.58	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.4	20.61	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.34	20.55	34.77	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.33	19.54	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#0	21.7	19.91	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#49	21.66	19.87	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#99	21.49	19.7	34.77	PASS



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Band71	20MHz	16QAM	133222	100RB#0	22.61	20.82	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.48	19.69	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.57	19.78	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.47	19.68	34.77	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.69	18.9	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.47	19.68	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.6	19.81	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.51	19.72	34.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.46	18.67	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#0	20.9	19.11	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#49	20.8	19.01	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#99	20.64	18.85	34.77	PASS
Band71	20MHz	64QAM	133222	100RB#0	19.47	17.68	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#0	20.69	18.9	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#49	20.63	18.84	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#99	20.69	18.9	34.77	PASS
Band71	20MHz	64QAM	133322	100RB#0	19.74	17.95	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#0	20.71	18.92	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#49	20.78	18.99	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#99	20.68	18.89	34.77	PASS
Band71	20MHz	64QAM	133372	100RB#0	19.49	17.7	34.77	PASS
Band71	20MHz	256QAM	133222	1RB#0	18.96	17.17	34.77	PASS
Band71	20MHz	256QAM	133222	1RB#49	18.56	16.77	34.77	PASS
Band71	20MHz	256QAM	133222	1RB#99	18.78	16.99	34.77	PASS
Band71	20MHz	256QAM	133222	100RB#0	17.63	15.84	34.77	PASS
Band71	20MHz	256QAM	133322	1RB#0	18.66	16.87	34.77	PASS
Band71	20MHz	256QAM	133322	1RB#49	18.74	16.95	34.77	PASS
Band71	20MHz	256QAM	133322	1RB#99	18.36	16.57	34.77	PASS
Band71	20MHz	256QAM	133322	100RB#0	17.63	15.84	34.77	PASS
Band71	20MHz	256QAM	133372	1RB#0	18.54	16.75	34.77	PASS
Band71	20MHz	256QAM	133372	1RB#49	18.45	16.66	34.77	PASS
Band71	20MHz	256QAM	133372	1RB#99	18.69	16.9	34.77	PASS
Band71	20MHz	256QAM	133372	100RB#0	17.63	15.84	34.77	PASS



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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Field Strength of Spurious Radiation

Test Band = LTE 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	1329.2	77.75	-48.09	25.61	-39.99	-13.00	26.99	214	67	Horizontal
2	1994.6	80.03	-47.91	26.61	-36.53	-13.00	23.53	185	255	Horizontal
3	2656.3600	50.10	-47.00	28.21	-63.95	-13.00	50.95	169	10	Horizontal
4	3320.4500	50.09	-46.65	29.53	-62.29	-13.00	49.29	142	24	Horizontal
5	3984.5400	47.84	-46.20	30.76	-62.86	-13.00	49.86	132	319	Horizontal
6	4648.6300	46.86	-45.79	31.86	-62.34	-13.00	49.34	156	171	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	59.98	-48.09	25.61	-57.76	-13.00	44.76	216	360	Vertical
2	1993.8	75.57	-47.91	26.60	-41.00	-13.00	28.00	145	104	Vertical
3	2656.3600	48.93	-47.00	28.21	-65.12	-13.00	52.12	128	126	Vertical
4	3320.4500	49.16	-46.65	29.53	-63.22	-13.00	50.22	132	145	Vertical
5	3984.5400	48.21	-46.20	30.76	-62.49	-13.00	49.49	169	145	Vertical
6	4648.6300	47.55	-45.79	31.86	-61.65	-13.00	48.65	185	126	Vertical



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Test Band = LTE 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	1348	88.64	-48.07	25.61	-29.08	-13.00	16.08	154	171	Horizontal
2	2022.2700	89.94	-47.86	26.72	-26.46	-13.00	13.46	165	2	Horizontal
3	2696.3600	73.15	-47.05	28.28	-40.87	-13.00	27.87	128	0	Horizontal
4	3370.8	65.54	-46.58	29.47	-46.83	-13.00	33.83	195	340	Horizontal
5	4044.5400	58.82	-46.07	30.87	-51.64	-13.00	38.64	142	109	Horizontal
6	4718.4	62.10	-45.77	32.07	-46.86	-13.00	33.86	133	193	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	1348.1800	86.31	-48.07	25.61	-31.41	-13.00	18.41	214	252	Vertical
2	2022.2700	86.34	-47.86	26.72	-30.06	-13.00	17.06	156	84	Vertical
3	2696.3600	72.21	-47.05	28.28	-41.81	-13.00	28.81	184	128	Vertical
4	3370.4500	61.23	-46.58	29.47	-51.14	-13.00	38.14	126	4	Vertical
5	4044.5400	59.86	-46.07	30.87	-50.60	-13.00	37.60	199	22	Vertical
6	4718.6300	55.87	-45.77	32.07	-53.09	-13.00	40.09	132	128	Vertical



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Test Band = LTE 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	1358.1800	88.80	-48.05	25.61	-28.90	-13.00	15.90	284	171	Horizontal
2	2037.2700	89.92	-47.83	26.77	-26.40	-13.00	13.40	165	2	Horizontal
3	2716.3600	75.48	-47.03	28.32	-38.49	-13.00	25.49	129	0	Horizontal
4	3395.4500	67.71	-46.55	29.44	-44.66	-13.00	31.66	142	108	Horizontal
5	4074.4	61.62	-45.98	30.91	-48.71	-13.00	35.71	133	108	Horizontal
6	4753.6	62.47	-45.71	32.18	-46.33	-13.00	33.33	126	24	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	83.58	-48.05	25.61	-34.12	-13.00	21.12	215	234	Vertical
2	2037.2700	88.49	-47.83	26.77	-27.83	-13.00	14.83	191	85	Vertical
3	2716.3600	75.30	-47.03	28.32	-38.67	-13.00	25.67	133	127	Vertical
4	3395.4500	61.65	-46.55	29.44	-50.72	-13.00	37.72	265	360	Vertical
5	4074.5400	60.40	-45.98	30.91	-49.92	-13.00	36.92	128	43	Vertical
6	4753.6300	55.18	-45.71	32.18	-53.61	-13.00	40.61	199	234	Vertical



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Test Band = NSA 2A-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	37.92	-24.80	25.61	-56.53	-13.00	43.53	248	98	Horizontal
2	1992.2700	37.50	-24.48	26.60	-55.64	-13.00	42.64	159	87	Horizontal
3	2656.3600	38.54	-22.84	28.21	-51.35	-13.00	38.35	165	360	Horizontal
4	3320.4500	50.31	-46.42	29.53	-61.84	-13.00	48.84	132	0	Horizontal
5	3984.5400	48.75	-46.08	30.76	-61.82	-13.00	48.82	125	31	Horizontal
6	4648.6300	47.75	-45.64	31.86	-61.29	-13.00	48.29	144	168	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	37.62	-24.80	25.61	-56.83	-13.00	43.83	299	351	Vertical
2	1992.2700	39.18	-24.48	26.60	-53.96	-13.00	40.96	184	208	Vertical
3	2656.3600	40.58	-22.84	28.21	-49.31	-13.00	36.31	175	189	Vertical
4	3320.4500	50.27	-46.42	29.53	-61.88	-13.00	48.88	163	0	Vertical
5	3984.5400	48.41	-46.08	30.76	-62.16	-13.00	49.16	233	0	Vertical
6	4648.6300	48.74	-45.64	31.86	-60.30	-13.00	47.30	264	347	Vertical



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Test Band = NSA 2A-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	36.83	-24.89	25.61	-57.71	-13.00	44.71	214	358	Horizontal
2	2014.7700	37.99	-24.43	26.69	-55.00	-13.00	42.00	152	10	Horizontal
3	2686.3600	37.98	-22.85	28.26	-51.86	-13.00	38.86	122	39	Horizontal
4	3357.9500	50.58	-46.35	29.48	-61.55	-13.00	48.55	130	0	Horizontal
5	4029.5400	50.28	-45.96	30.84	-60.09	-13.00	47.09	126	106	Horizontal
6	4701.1300	47.13	-45.60	32.02	-61.71	-13.00	48.71	291	106	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	37.58	-24.89	25.61	-56.96	-13.00	43.96	210	227	Vertical
2	2014.7700	38.26	-24.43	26.69	-54.73	-13.00	41.73	125	177	Vertical
3	2686.3600	39.13	-22.85	28.26	-50.71	-13.00	37.71	140	148	Vertical
4	3357.9500	50.42	-46.35	29.48	-61.71	-13.00	48.71	190	0	Vertical
5	4029.5400	49.30	-45.96	30.84	-61.07	-13.00	48.07	132	90	Vertical
6	4701.1300	47.12	-45.60	32.02	-61.72	-13.00	48.72	166	330	Vertical



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Test Band = NSA 2A-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	38.13	-24.98	25.61	-56.50	-13.00	43.50	192	207	Horizontal
2	2037.2700	37.58	-24.37	26.77	-55.28	-13.00	42.28	185	117	Horizontal
3	2716.3600	38.03	-22.80	28.32	-51.71	-13.00	38.71	174	166	Horizontal
4	3395.4500	49.18	-46.29	29.44	-62.93	-13.00	49.93	143	3	Horizontal
5	4074.5400	48.54	-45.83	30.91	-61.64	-13.00	48.64	126	195	Horizontal
6	4753.6300	47.44	-45.57	32.18	-61.21	-13.00	48.21	211	226	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	38.62	-24.98	25.61	-56.01	-13.00	43.01	211	355	Vertical
2	2037.2700	39.11	-24.37	26.77	-53.75	-13.00	40.75	152	108	Vertical
3	2716.3600	38.46	-22.80	28.32	-51.28	-13.00	38.28	145	88	Vertical
4	3395.4500	49.17	-46.29	29.44	-62.94	-13.00	49.94	162	273	Vertical
5	4074.5400	49.89	-45.83	30.91	-60.29	-13.00	47.29	192	357	Vertical
6	4753.6300	48.23	-45.57	32.18	-60.42	-13.00	47.42	140	8	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---

