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Appendix B.24

NR Band n2



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.03	26.06	33	pass
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.82	25.85	33	pass
N2	15	5	DFT-PI2BPSK	L	Outer_Full	22.92	25.95	33	pass
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	22.88	25.91	33	pass
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	22.73	25.76	33	pass
N2	15	5	DFT-QPSK	L	Outer_Full	22.33	25.36	33	pass
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.25	25.28	33	pass
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.26	25.29	33	pass
N2	15	5	DFT-16QAM	L	Outer_Full	21.35	24.38	33	pass
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	20.75	23.78	33	pass
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	20.86	23.89	33	pass
N2	15	5	DFT-64QAM	L	Outer_Full	20.84	23.87	33	pass
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	18.8	21.83	33	pass
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	18.72	21.75	33	pass
N2	15	5	DFT-256QAM	L	Outer_Full	18.84	21.87	33	pass
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	26.22	33	pass
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.11	26.14	33	pass
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.03	26.06	33	pass
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.07	26.1	33	pass
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	22.9	25.93	33	pass
N2	15	5	DFT-QPSK	M	Outer_Full	22.54	25.57	33	pass
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.56	25.59	33	pass
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.37	25.4	33	pass
N2	15	5	DFT-16QAM	M	Outer_Full	21.57	24.6	33	pass
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.15	24.18	33	pass
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	20.9	23.93	33	pass
N2	15	5	DFT-64QAM	M	Outer_Full	21.04	24.07	33	pass
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19	22.03	33	pass



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N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.05	22.08	33	pass
N2	15	5	DFT-256QAM	M	Outer_Full	19.06	22.09	33	pass
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.08	26.11	33	pass
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.06	26.09	33	pass
N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.08	26.11	33	pass
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	22.99	26.02	33	pass
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	22.94	25.97	33	pass
N2	15	5	DFT-QPSK	H	Outer_Full	22.56	25.59	33	pass
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	22.44	25.47	33	pass
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	22.47	25.5	33	pass
N2	15	5	DFT-16QAM	H	Outer_Full	21.6	24.63	33	pass
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	21.09	24.12	33	pass
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	20.93	23.96	33	pass
N2	15	5	DFT-64QAM	H	Outer_Full	21.06	24.09	33	pass
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	19.08	22.11	33	pass
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	18.92	21.95	33	pass
N2	15	5	DFT-256QAM	H	Outer_Full	19.04	22.07	33	pass
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.99	26.02	33	pass
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.02	26.05	33	pass
N2	15	10	DFT-PI2BPSK	L	Outer_Full	22.88	25.91	33	pass
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	22.88	25.91	33	pass
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	22.89	25.92	33	pass
N2	15	10	DFT-QPSK	L	Outer_Full	22.37	25.4	33	pass
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.31	25.34	33	pass
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.27	25.3	33	pass
N2	15	10	DFT-16QAM	L	Outer_Full	21.37	24.4	33	pass
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	20.91	23.94	33	pass
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	20.96	23.99	33	pass
N2	15	10	DFT-64QAM	L	Outer_Full	20.86	23.89	33	pass
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	18.94	21.97	33	pass
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	18.82	21.85	33	pass
N2	15	10	DFT-256QAM	L	Outer_Full	18.86	21.89	33	pass
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	26.22	33	pass



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.05	26.08	33	pass
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.08	26.11	33	pass
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.08	26.11	33	pass
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	22.96	25.99	33	pass
N2	15	10	DFT-QPSK	M	Outer_Full	22.57	25.6	33	pass
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.49	25.52	33	pass
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.52	25.55	33	pass
N2	15	10	DFT-16QAM	M	Outer_Full	21.54	24.57	33	pass
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	21.09	24.12	33	pass
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.04	24.07	33	pass
N2	15	10	DFT-64QAM	M	Outer_Full	21.1	24.13	33	pass
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.07	22.1	33	pass
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	18.96	21.99	33	pass
N2	15	10	DFT-256QAM	M	Outer_Full	19.09	22.12	33	pass
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.06	26.09	33	pass
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.1	26.13	33	pass
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.08	26.11	33	pass
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	22.98	26.01	33	pass
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	22.96	25.99	33	pass
N2	15	10	DFT-QPSK	H	Outer_Full	22.56	25.59	33	pass
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.47	25.5	33	pass
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	22.47	25.5	33	pass
N2	15	10	DFT-16QAM	H	Outer_Full	21.58	24.61	33	pass
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	21.06	24.09	33	pass
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	20.98	24.01	33	pass
N2	15	10	DFT-64QAM	H	Outer_Full	21.11	24.14	33	pass
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	18.92	21.95	33	pass
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	18.99	22.02	33	pass
N2	15	10	DFT-256QAM	H	Outer_Full	19.01	22.04	33	pass
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.05	26.08	33	pass
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.11	26.14	33	pass
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.12	26.15	33	pass
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	22.93	25.96	33	pass



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N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.01	26.04	33	pass
N2	15	15	DFT-QPSK	L	Outer_Full	22.6	25.63	33	pass
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.58	25.61	33	pass
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.59	25.62	33	pass
N2	15	15	DFT-16QAM	L	Outer_Full	21.6	24.63	33	pass
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	21.14	24.17	33	pass
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.08	24.11	33	pass
N2	15	15	DFT-64QAM	L	Outer_Full	21.12	24.15	33	pass
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.02	22.05	33	pass
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.08	22.11	33	pass
N2	15	15	DFT-256QAM	L	Outer_Full	19.1	22.13	33	pass
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.26	26.29	33	pass
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.36	26.39	33	pass
N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.27	26.3	33	pass
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.12	26.15	33	pass
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.19	26.22	33	pass
N2	15	15	DFT-QPSK	M	Outer_Full	22.76	25.79	33	pass
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.76	25.79	33	pass
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.8	25.83	33	pass
N2	15	15	DFT-16QAM	M	Outer_Full	21.78	24.81	33	pass
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.1	24.13	33	pass
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.34	24.37	33	pass
N2	15	15	DFT-64QAM	M	Outer_Full	21.28	24.31	33	pass
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.21	22.24	33	pass
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.39	22.42	33	pass
N2	15	15	DFT-256QAM	M	Outer_Full	19.31	22.34	33	pass
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.39	26.42	33	pass
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.33	26.36	33	pass
N2	15	15	DFT-PI2BPSK	H	Outer_Full	23.28	26.31	33	pass
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.18	26.21	33	pass
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.15	26.18	33	pass
N2	15	15	DFT-QPSK	H	Outer_Full	22.77	25.8	33	pass
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.71	25.74	33	pass



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N2	15	15	DFT-16QAM	H	Outer_Full	21.77	24.8	33	pass
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.25	24.28	33	pass
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.32	24.35	33	pass
N2	15	15	DFT-64QAM	H	Outer_Full	21.28	24.31	33	pass
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.26	22.29	33	pass
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.23	22.26	33	pass
N2	15	15	DFT-256QAM	H	Outer_Full	19.22	22.25	33	pass
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.23	26.26	33	pass
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.24	26.27	33	pass
N2	15	20	DFT-PI2BPSK	L	Outer_Full	23.16	26.19	33	pass
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.14	26.17	33	pass
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.24	26.27	33	pass
N2	15	20	DFT-QPSK	L	Outer_Full	22.67	25.7	33	pass
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.63	25.66	33	pass
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.66	25.69	33	pass
N2	15	20	DFT-16QAM	L	Outer_Full	21.68	24.71	33	pass
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	21.18	24.21	33	pass
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	21.38	24.41	33	pass
N2	15	20	DFT-64QAM	L	Outer_Full	21.21	24.24	33	pass
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.09	22.12	33	pass
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.18	22.21	33	pass
N2	15	20	DFT-256QAM	L	Outer_Full	19.24	22.27	33	pass
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.18	26.21	33	pass
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.28	26.31	33	pass
N2	15	20	DFT-PI2BPSK	M	Outer_Full	23.31	26.34	33	pass
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.07	26.1	33	pass
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.17	26.2	33	pass
N2	15	20	DFT-QPSK	M	Outer_Full	22.8	25.83	33	pass
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	22.64	25.67	33	pass
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22.63	25.66	33	pass
N2	15	20	DFT-16QAM	M	Outer_Full	21.8	24.83	33	pass
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	21.18	24.21	33	pass



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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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N2	15	20	DFT-64QAM	M	Inner_1RB_Right	21.28	24.31	33	pass
N2	15	20	DFT-64QAM	M	Outer_Full	21.25	24.28	33	pass
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19.35	22.38	33	pass
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.19	22.22	33	pass
N2	15	20	DFT-256QAM	M	Outer_Full	19.26	22.29	33	pass
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.29	26.32	33	pass
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.32	26.35	33	pass
N2	15	20	DFT-PI2BPSK	H	Outer_Full	23.23	26.26	33	pass
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.17	26.2	33	pass
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.15	26.18	33	pass
N2	15	20	DFT-QPSK	H	Outer_Full	22.75	25.78	33	pass
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.87	25.9	33	pass
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.8	25.83	33	pass
N2	15	20	DFT-16QAM	H	Outer_Full	21.77	24.8	33	pass
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	21.18	24.21	33	pass
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	21.24	24.27	33	pass
N2	15	20	DFT-64QAM	H	Outer_Full	21.22	24.25	33	pass
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.34	22.37	33	pass
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.2	22.23	33	pass
N2	15	20	DFT-256QAM	H	Outer_Full	19.28	22.31	33	pass



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Field Strength of Spurious Radiation

Test Band = 5G NR SA n2_ 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	3702.1800	40.63	-45.51	29.98	-70.16	-13.00	57.16	245	24	Horizontal
2	5553.2700	40.66	-45.15	32.97	-66.78	-13.00	53.78	135	356	Horizontal
3	7404.3600	39.41	-43.40	36.49	-62.76	-13.00	49.76	126	24	Horizontal
4	9255.4500	35.30	-40.23	38.38	-61.81	-13.00	48.81	185	316	Horizontal
5	11106.5400	31.81	-37.93	39.09	-62.29	-13.00	49.29	122	239	Horizontal
6	12957.6300	31.15	-37.24	39.79	-61.56	-13.00	48.56	136	330	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	3702.1800	40.52	-45.51	29.98	-70.27	-13.00	57.27	152	29	Vertical
2	5553.2700	40.73	-45.15	32.97	-66.71	-13.00	53.71	133	72	Vertical
3	7404.3600	39.91	-43.40	36.49	-62.26	-13.00	49.26	189	89	Vertical
4	9255.4500	34.88	-40.23	38.38	-62.23	-13.00	49.23	120	148	Vertical
5	11106.5400	31.94	-37.93	39.09	-62.16	-13.00	49.16	177	356	Vertical
6	12957.6300	30.45	-37.24	39.79	-62.26	-13.00	49.26	103	7	Vertical



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Test Band = 5G NR SA n2_ 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	3742.1800	41.48	-45.68	30.12	-69.34	-13.00	56.34	245	272	Horizontal
2	5613.2700	39.88	-45.04	33.07	-67.35	-13.00	54.35	132	138	Horizontal
3	7484.3600	38.13	-43.18	36.45	-63.86	-13.00	50.86	165	31	Horizontal
4	9355.4500	34.44	-40.00	38.46	-62.37	-13.00	49.37	125	108	Horizontal
5	11226.5400	32.96	-37.40	39.11	-60.59	-13.00	47.59	188	347	Horizontal
6	13097.6300	29.53	-37.01	39.87	-62.86	-13.00	49.86	145	46	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	3742.1800	40.38	-45.68	30.12	-70.44	-13.00	57.44	145	314	Vertical
2	5613.2700	40.10	-45.04	33.07	-67.13	-13.00	54.13	256	72	Vertical
3	7484.3600	38.59	-43.18	36.45	-63.40	-13.00	50.40	136	2	Vertical
4	9355.4500	34.28	-40.00	38.46	-62.53	-13.00	49.53	259	72	Vertical
5	11226.5400	32.85	-37.40	39.11	-60.70	-13.00	47.70	148	2	Vertical
6	13097.6300	29.77	-37.01	39.87	-62.62	-13.00	49.62	133	300	Vertical



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Test Band = 5G NR SA n2_ 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	3782.1800	41.35	-45.85	30.27	-69.49	-13.00	56.49	215	2	Horizontal
2	5673.2700	40.38	-44.91	33.29	-66.50	-13.00	53.50	145	164	Horizontal
3	7564.3600	38.69	-43.00	36.41	-63.17	-13.00	50.17	136	195	Horizontal
4	9455.4500	36.02	-40.05	38.48	-60.82	-13.00	47.82	256	0	Horizontal
5	11346.5400	33.83	-37.40	39.11	-59.72	-13.00	46.72	148	0	Horizontal
6	13237.6300	30.72	-37.08	39.96	-61.65	-13.00	48.65	159	239	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	3780.75	48.00	-45.84	30.26	-62.84	-13.00	49.84	258	180	Vertical
2	5673.2700	40.07	-44.91	33.29	-66.81	-13.00	53.81	174	269	Vertical
3	7564.3600	39.57	-43.00	36.41	-62.29	-13.00	49.29	165	331	Vertical
4	9455.4500	35.50	-40.05	38.48	-61.34	-13.00	48.34	195	0	Vertical
5	11346.5400	34.48	-37.40	39.11	-59.07	-13.00	46.07	135	0	Vertical
6	13237.6300	31.25	-37.08	39.96	-61.12	-13.00	48.12	155	315	Vertical



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Test Band = NSA 5A-n2A_ 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	3702.1800	40.85	-45.51	29.98	-69.94	-13.00	56.94	248	90	Horizontal
2	5553.2700	41.30	-45.15	32.97	-66.14	-13.00	53.14	156	4	Horizontal
3	7404.3600	40.48	-43.40	36.49	-61.69	-13.00	48.69	126	75	Horizontal
4	9255.4500	36.73	-40.23	38.38	-60.38	-13.00	47.38	291	227	Horizontal
5	11106.5400	33.65	-37.93	39.09	-60.45	-13.00	47.45	175	358	Horizontal
6	12957.6300	32.84	-37.24	39.79	-59.87	-13.00	46.87	142	360	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	3702.1800	40.99	-45.51	29.98	-69.80	-13.00	56.80	214	16	Vertical
2	5553.2700	40.73	-45.15	32.97	-66.71	-13.00	53.71	175	104	Vertical
3	7404.3600	40.27	-43.40	36.49	-61.90	-13.00	48.90	132	353	Vertical
4	9255.4500	35.96	-40.23	38.38	-61.15	-13.00	48.15	256	359	Vertical
5	11106.5400	33.97	-37.93	39.09	-60.13	-13.00	47.13	145	61	Vertical
6	12957.6300	33.24	-37.24	39.79	-59.47	-13.00	46.47	192	360	Vertical



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Test Band = NSA 5A-n2A_ 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	3742.1800	41.35	-45.68	30.12	-69.47	-13.00	56.47	211	135	Horizontal
2	5613.2700	40.46	-45.04	33.07	-66.77	-13.00	53.77	142	121	Horizontal
3	7484.3600	39.09	-43.18	36.45	-62.90	-13.00	49.90	136	360	Horizontal
4	9355.4500	37.01	-40.00	38.46	-59.80	-13.00	46.80	258	359	Horizontal
5	11226.5400	35.25	-37.40	39.11	-58.30	-13.00	45.30	147	44	Horizontal
6	13097.6300	32.56	-37.01	39.87	-59.83	-13.00	46.83	168	360	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	3742.1800	41.24	-45.68	30.12	-69.58	-13.00	56.58	211	313	Vertical
2	5613.2700	40.12	-45.04	33.07	-67.11	-13.00	54.11	142	284	Vertical
3	7484.3600	39.15	-43.18	36.45	-62.84	-13.00	49.84	136	133	Vertical
4	9355.4500	37.23	-40.00	38.46	-59.58	-13.00	46.58	258	133	Vertical
5	11226.5400	34.69	-37.40	39.11	-58.86	-13.00	45.86	147	360	Vertical
6	13097.6300	33.23	-37.01	39.87	-59.16	-13.00	46.16	196	178	Vertical



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Test Band = NSA 5A-n2A_ 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	3782.1800	41.63	-45.85	30.27	-69.21	-13.00	56.21	245	360	Horizontal
2	5673.2700	40.97	-44.91	33.29	-65.91	-13.00	52.91	165	212	Horizontal
3	7564.3600	39.10	-43.00	36.41	-62.76	-13.00	49.76	125	166	Horizontal
4	9455.4500	36.19	-40.05	38.48	-60.65	-13.00	47.65	184	46	Horizontal
5	11346.5400	34.51	-37.40	39.11	-59.04	-13.00	46.04	165	226	Horizontal
6	13237.6300	32.64	-37.08	39.96	-59.73	-13.00	46.73	188	46	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	3750.75	51.73	-45.71	30.15	-59.09	-13.00	46.09	248	360	Vertical
2	5673.2700	41.12	-44.91	33.29	-65.76	-13.00	52.76	169	135	Vertical
3	7564.3600	39.55	-43.00	36.41	-62.31	-13.00	49.31	135	353	Vertical
4	9455.4500	36.49	-40.05	38.48	-60.35	-13.00	47.35	145	149	Vertical
5	11346.5400	33.88	-37.40	39.11	-59.67	-13.00	46.67	175	44	Vertical
6	13237.6300	32.23	-37.08	39.96	-60.14	-13.00	47.14	188	225	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2210000221RG02

Rev.: 01

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Test Band = 5G NR CA n2A-n41A_ 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	3702.1800	42.19	-45.51	29.98	-68.60	-25.00	43.60	125	164	Horizontal
2	4992	48.79	-45.63	32.86	-59.24	-25.00	34.24	145	255	Horizontal
3	5553.2700	41.73	-45.15	32.97	-65.71	-25.00	40.71	126	0	Horizontal
4	7404.3600	40.48	-43.40	36.49	-61.69	-25.00	36.69	233	60	Horizontal
5	7503.3000	39.84	-43.13	36.44	-62.11	-25.00	37.11	258	43	Horizontal
6	10004.4000	36.59	-39.23	38.50	-59.41	-25.00	34.41	296	330	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	3702.1800	42.35	-45.51	29.98	-68.44	-25.00	43.44	254	46	Vertical
2	5002.2000	41.38	-45.63	32.88	-66.63	-25.00	41.63	124	16	Vertical
3	5553.2700	42.61	-45.15	32.97	-64.83	-25.00	39.83	126	1	Vertical
4	7404.3600	40.48	-43.40	36.49	-61.69	-25.00	36.69	184	315	Vertical
5	7503.3000	40.12	-43.13	36.44	-61.83	-25.00	36.83	175	0	Vertical
6	10004.4000	36.20	-39.23	38.50	-59.80	-25.00	34.80	169	356	Vertical



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Test Band = 5G NR CA n2A-n41A_ 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	3742.1800	41.82	-45.68	30.12	-69.00	-25.00	44.00	233	196	Horizontal
2	4904.25	51.54	-45.53	32.61	-56.64	-25.00	31.64	261	226	Horizontal
3	5613.2700	41.75	-45.04	33.07	-65.48	-25.00	40.48	128	3	Horizontal
4	7484.3600	40.04	-43.18	36.45	-61.95	-25.00	36.95	142	240	Horizontal
5	7503.3000	40.34	-43.13	36.44	-61.61	-25.00	36.61	133	212	Horizontal
6	10004.4000	36.57	-39.23	38.50	-59.43	-25.00	34.43	266	151	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	3742.1800	41.98	-45.68	30.12	-68.84	-25.00	43.84	214	332	Vertical
2	5002.2000	41.15	-45.63	32.88	-66.86	-25.00	41.86	158	6	Vertical
3	5613.2700	42.59	-45.04	33.07	-64.64	-25.00	39.64	169	256	Vertical
4	7484.3600	40.60	-43.18	36.45	-61.39	-25.00	36.39	291	42	Vertical
5	7503.3000	39.96	-43.13	36.44	-61.99	-25.00	36.99	147	196	Vertical
6	10004.4000	35.88	-39.23	38.50	-60.12	-25.00	35.12	152	104	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = 5G NR CA n2A-n41A_ 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	3782.1800	43.22	-45.85	30.27	-67.62	-25.00	42.62	215	224	Horizontal
2	5190.1800	41.29	-45.29	32.98	-66.27	-25.00	41.27	136	254	Horizontal
3	5673.2700	41.29	-44.91	33.29	-65.59	-25.00	40.59	256	270	Horizontal
4	7564.3600	40.19	-43.00	36.41	-61.67	-25.00	36.67	142	0	Horizontal
5	7785.2700	39.44	-42.43	36.75	-61.49	-25.00	36.49	135	1	Horizontal
6	10380.3600	35.78	-39.03	38.86	-59.65	-25.00	34.65	128	254	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	3782.1800	42.69	-45.85	30.27	-68.15	-25.00	43.15	211	300	Vertical
2	5190.1800	41.69	-45.29	32.98	-65.87	-25.00	40.87	142	60	Vertical
3	5673.2700	41.16	-44.91	33.29	-65.72	-25.00	40.72	136	91	Vertical
4	7564.3600	39.90	-43.00	36.41	-61.96	-25.00	36.96	148	16	Vertical
5	7785.2700	39.57	-42.43	36.75	-61.36	-25.00	36.36	196	91	Vertical
6	10380.3600	35.96	-39.03	38.86	-59.47	-25.00	34.47	180	29	Vertical



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Test Band = 5G NR CA n2A-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	2479.5	30.85	-23.55	27.70	-60.25	-13.00	47.25	214	299	Horizontal
2	4547.5	28.20	-20.37	31.66	-55.77	-13.00	42.77	152	200	Horizontal
3	5330.3333	29.70	-18.85	32.87	-51.55	-13.00	38.55	132	170	Horizontal
4	7969.125	41.52	-42.32	36.97	-59.08	-13.00	46.08	126	196	Horizontal
5	10671.625	35.82	-37.64	39.12	-57.96	-13.00	44.96	184	105	Horizontal
6	14500.55	33.53	-34.24	40.01	-55.96	-13.00	42.96	196	1	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	2604.1667	29.74	-22.83	28.11	-60.24	-13.00	47.24	142	239	Vertical
2	4780.3333	28.61	-19.86	32.26	-54.25	-13.00	41.25	136	4	Vertical
3	8035.825	40.69	-41.85	37.02	-59.39	-13.00	46.39	155	211	Vertical
4	10614.125	35.97	-37.94	39.07	-58.16	-13.00	45.16	186	163	Vertical
5	12302.325	34.69	-36.65	39.10	-58.12	-13.00	45.12	145	1	Vertical
6	14499.4	33.74	-34.24	40.01	-55.74	-13.00	42.74	192	74	Vertical



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Test Band = 5G NR CA n2A-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	2479.5	32.60	-23.55	27.70	-58.50	-13.00	45.50	214	259	Horizontal
2	5183.6667	29.31	-19.06	32.98	-52.03	-13.00	39.03	156	360	Horizontal
3	7387.8	41.99	-42.86	36.50	-59.63	-13.00	46.63	136	8	Horizontal
4	9402.6	38.57	-39.92	38.49	-58.12	-13.00	45.12	129	195	Horizontal
5	12277.025	35.36	-36.75	39.11	-57.54	-13.00	44.54	184	74	Horizontal
6	14511.475	33.77	-34.36	40.00	-55.85	-13.00	42.85	145	105	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	2479.5	32.76	-23.55	27.70	-58.34	-13.00	45.34	254	30	Vertical
2	4897.6667	29.99	-20.03	32.59	-52.70	-13.00	39.70	125	356	Vertical
3	8016.275	41.07	-42.00	37.02	-59.18	-13.00	46.18	148	316	Vertical
4	9611.9	38.01	-39.23	38.43	-58.06	-13.00	45.06	175	31	Vertical
5	11198.325	35.80	-36.62	39.11	-56.97	-13.00	43.97	145	332	Vertical
6	13924.4	34.54	-35.38	40.07	-56.03	-13.00	43.03	139	357	Vertical



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Test Band = 5G NR CA n2A-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	2365.8333	30.40	-23.57	27.42	-61.01	-13.00	48.01	255	191	Horizontal
2	4664.8333	28.40	-20.12	31.91	-55.08	-13.00	42.08	148	109	Horizontal
3	8042.725	40.34	-41.79	37.02	-59.69	-13.00	46.69	165	43	Horizontal
4	9807.975	37.93	-39.07	38.23	-58.17	-13.00	45.17	125	255	Horizontal
5	12841.1	34.91	-36.72	39.67	-57.40	-13.00	44.40	138	269	Horizontal
6	14483.3	33.56	-34.37	40.02	-56.05	-13.00	43.05	190	89	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	2591.3333	29.45	-22.89	28.07	-60.63	-13.00	47.63	254	360	Vertical
2	5081	29.26	-19.29	32.92	-52.37	-13.00	39.37	126	4	Vertical
3	5719	29.76	-18.79	33.45	-50.83	-13.00	37.83	235	129	Vertical
4	8327.35	40.37	-41.73	37.24	-59.38	-13.00	46.38	158	254	Vertical
5	9807.975	38.25	-39.07	38.23	-57.85	-13.00	44.85	196	239	Vertical
6	11236.85	35.28	-36.83	39.11	-57.70	-13.00	44.70	184	71	Vertical



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Test Band = 5G NR CA n2A-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	2439.1667	33.33	-23.56	27.57	-57.92	-13.00	44.92	255	179	Horizontal
2	4780.3333	28.64	-19.86	32.26	-54.22	-13.00	41.22	145	269	Horizontal
3	5962.8333	30.19	-18.87	34.06	-49.88	-13.00	36.88	156	61	Horizontal
4	8037.55	40.36	-41.83	37.02	-59.71	-13.00	46.71	132	332	Horizontal
5	9807.975	39.07	-39.07	38.23	-57.03	-13.00	44.03	159	301	Horizontal
6	12817.525	34.56	-36.66	39.65	-57.72	-13.00	44.72	194	150	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	2426.3333	30.53	-23.56	27.53	-60.77	-13.00	47.77	245	342	Vertical
2	4569.5	28.46	-20.36	31.68	-55.48	-13.00	42.48	148	348	Vertical
3	5229.5	29.79	-18.95	32.96	-51.46	-13.00	38.46	135	239	Vertical
4	8043.3	40.17	-41.79	37.03	-59.85	-13.00	46.85	233	166	Vertical
5	10102.95	36.47	-38.72	38.65	-58.85	-13.00	45.85	265	357	Vertical
6	11243.75	36.01	-36.88	39.11	-57.02	-13.00	44.02	155	332	Vertical



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = 5G NR CA n2A-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	2375	30.44	-23.57	27.43	-60.97	-13.00	47.97	245	110	Horizontal
2	5257	29.57	-18.88	32.94	-51.64	-13.00	38.64	125	4	Horizontal
3	5926.1667	30.34	-18.79	33.99	-49.73	-13.00	36.73	159	355	Horizontal
4	8409	40.90	-41.41	37.35	-58.42	-13.00	45.42	136	0	Horizontal
5	10696.925	35.71	-37.51	39.14	-57.92	-13.00	44.92	256	222	Horizontal
6	12211.475	35.29	-37.06	39.13	-57.90	-13.00	44.90	191	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	2373.1667	29.95	-23.57	27.43	-61.46	-13.00	48.46	211	213	Vertical
2	4349.5	28.28	-20.60	31.41	-56.17	-13.00	43.17	145	359	Vertical
3	5077.3333	29.45	-19.30	32.92	-52.19	-13.00	39.19	147	114	Vertical
4	7389.525	42.10	-42.85	36.50	-59.51	-13.00	46.51	158	318	Vertical
5	9613.625	37.50	-39.24	38.43	-58.57	-13.00	45.57	172	0	Vertical
6	11160.95	35.97	-37.05	39.10	-57.24	-13.00	44.24	143	273	Vertical



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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = 5G NR CA n2A-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	2479.5	30.53	-23.55	27.70	-60.57	-13.00	47.57	211	360	Horizontal
2	4510.8333	28.44	-20.38	31.62	-55.58	-13.00	42.58	145	322	Horizontal
3	5262.5	29.97	-18.87	32.93	-51.23	-13.00	38.23	126	360	Horizontal
4	7434.95	41.89	-42.92	36.47	-59.82	-13.00	46.82	135	285	Horizontal
5	10648.05	35.81	-37.76	39.10	-58.11	-13.00	45.11	199	239	Horizontal
6	12776.125	34.32	-36.67	39.59	-58.02	-13.00	45.02	182	90	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	2809.5	29.66	-22.60	28.52	-59.68	-13.00	46.68	255	259	Vertical
2	4686.8333	28.39	-20.05	31.97	-54.94	-13.00	41.94	145	354	Vertical
3	5290	29.63	-18.80	32.90	-51.53	-13.00	38.53	133	288	Vertical
4	8369.325	40.96	-41.52	37.29	-58.53	-13.00	45.53	256	238	Vertical
5	9367.525	38.54	-39.97	38.47	-58.22	-13.00	45.22	218	329	Vertical
6	12802	34.39	-36.63	39.63	-57.86	-13.00	44.86	175	103	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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