

Appendix B.29

NR Band n14



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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
N14	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.58	21.06	34.77	pass
N14	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.59	21.07	34.77	pass
N14	15	5	DFT-PI2BPSK	L	Outer_Full	22.49	20.97	34.77	pass
N14	15	5	DFT-QPSK	L	Inner_1RB_Left	22.48	20.96	34.77	pass
N14	15	5	DFT-QPSK	L	Inner_1RB_Right	22.5	20.98	34.77	pass
N14	15	5	DFT-QPSK	L	Outer_Full	22.49	20.97	34.77	pass
N14	15	5	DFT-16QAM	L	Inner_1RB_Left	22.62	21.1	34.77	pass
N14	15	5	DFT-16QAM	L	Inner_1RB_Right	22.49	20.97	34.77	pass
N14	15	5	DFT-16QAM	L	Outer_Full	21.48	19.96	34.77	pass
N14	15	5	DFT-64QAM	L	Inner_1RB_Left	21.14	19.62	34.77	pass
N14	15	5	DFT-64QAM	L	Inner_1RB_Right	20.92	19.4	34.77	pass
N14	15	5	DFT-64QAM	L	Outer_Full	20.99	19.47	34.77	pass
N14	15	5	DFT-256QAM	L	Inner_1RB_Left	18.96	17.44	34.77	pass
N14	15	5	DFT-256QAM	L	Inner_1RB_Right	18.7	17.18	34.77	pass
N14	15	5	DFT-256QAM	L	Outer_Full	18.98	17.46	34.77	pass
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	22.61	21.09	34.77	pass
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	22.52	21	34.77	pass
N14	15	5	DFT-PI2BPSK	M	Outer_Full	22.57	21.05	34.77	pass
N14	15	5	DFT-QPSK	M	Inner_1RB_Left	22.51	20.99	34.77	pass
N14	15	5	DFT-QPSK	M	Inner_1RB_Right	22.4	20.88	34.77	pass
N14	15	5	DFT-QPSK	M	Outer_Full	22.61	21.09	34.77	pass
N14	15	5	DFT-16QAM	M	Inner_1RB_Left	22.57	21.05	34.77	pass
N14	15	5	DFT-16QAM	M	Inner_1RB_Right	22.44	20.92	34.77	pass
N14	15	5	DFT-16QAM	M	Outer_Full	21.54	20.02	34.77	pass
N14	15	5	DFT-64QAM	M	Inner_1RB_Left	21.03	19.51	34.77	pass
N14	15	5	DFT-64QAM	M	Inner_1RB_Right	21.04	19.52	34.77	pass
N14	15	5	DFT-64QAM	M	Outer_Full	21.01	19.49	34.77	pass
N14	15	5	DFT-256QAM	M	Inner_1RB_Left	18.97	17.45	34.77	pass



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N14	15	5	DFT-256QAM	M	Inner_1RB_Right	18.95	17.43	34.77	pass
N14	15	5	DFT-256QAM	M	Outer_Full	19.01	17.49	34.77	pass
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.58	21.06	34.77	pass
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.5	20.98	34.77	pass
N14	15	5	DFT-PI2BPSK	H	Outer_Full	22.53	21.01	34.77	pass
N14	15	5	DFT-QPSK	H	Inner_1RB_Left	22.5	20.98	34.77	pass
N14	15	5	DFT-QPSK	H	Inner_1RB_Right	22.41	20.89	34.77	pass
N14	15	5	DFT-QPSK	H	Outer_Full	22.54	21.02	34.77	pass
N14	15	5	DFT-16QAM	H	Inner_1RB_Left	22.54	21.02	34.77	pass
N14	15	5	DFT-16QAM	H	Inner_1RB_Right	22.6	21.08	34.77	pass
N14	15	5	DFT-16QAM	H	Outer_Full	21.55	20.03	34.77	pass
N14	15	5	DFT-64QAM	H	Inner_1RB_Left	21.11	19.59	34.77	pass
N14	15	5	DFT-64QAM	H	Inner_1RB_Right	21	19.48	34.77	pass
N14	15	5	DFT-64QAM	H	Outer_Full	21.05	19.53	34.77	pass
N14	15	5	DFT-256QAM	H	Inner_1RB_Left	19.04	17.52	34.77	pass
N14	15	5	DFT-256QAM	H	Inner_1RB_Right	18.95	17.43	34.77	pass
N14	15	5	DFT-256QAM	H	Outer_Full	19.03	17.51	34.77	pass
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.58	21.06	34.77	pass
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.49	20.97	34.77	pass
N14	15	10	DFT-PI2BPSK	L	Outer_Full	22.55	21.03	34.77	pass
N14	15	10	DFT-QPSK	L	Inner_1RB_Left	22.59	21.07	34.77	pass
N14	15	10	DFT-QPSK	L	Inner_1RB_Right	22.44	20.92	34.77	pass
N14	15	10	DFT-QPSK	L	Outer_Full	22.58	21.06	34.77	pass
N14	15	10	DFT-16QAM	L	Inner_1RB_Left	22.66	21.14	34.77	pass
N14	15	10	DFT-16QAM	L	Inner_1RB_Right	22.46	20.94	34.77	pass
N14	15	10	DFT-16QAM	L	Outer_Full	21.59	20.07	34.77	pass
N14	15	10	DFT-64QAM	L	Inner_1RB_Left	21.01	19.49	34.77	pass
N14	15	10	DFT-64QAM	L	Inner_1RB_Right	20.99	19.47	34.77	pass
N14	15	10	DFT-64QAM	L	Outer_Full	21.1	19.58	34.77	pass
N14	15	10	DFT-256QAM	L	Inner_1RB_Left	18.92	17.4	34.77	pass
N14	15	10	DFT-256QAM	L	Inner_1RB_Right	18.96	17.44	34.77	pass
N14	15	10	DFT-256QAM	L	Outer_Full	18.99	17.47	34.77	pass
N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.58	21.06	34.77	pass



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N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.49	20.97	34.77	pass
N14	15	10	DFT-PI2BPSK	M	Outer_Full	22.54	21.02	34.77	pass
N14	15	10	DFT-QPSK	M	Inner_1RB_Left	22.51	20.99	34.77	pass
N14	15	10	DFT-QPSK	M	Inner_1RB_Right	22.42	20.9	34.77	pass
N14	15	10	DFT-QPSK	M	Outer_Full	22.56	21.04	34.77	pass
N14	15	10	DFT-16QAM	M	Inner_1RB_Left	22.52	21	34.77	pass
N14	15	10	DFT-16QAM	M	Inner_1RB_Right	22.55	21.03	34.77	pass
N14	15	10	DFT-16QAM	M	Outer_Full	21.52	20	34.77	pass
N14	15	10	DFT-64QAM	M	Inner_1RB_Left	21.06	19.54	34.77	pass
N14	15	10	DFT-64QAM	M	Inner_1RB_Right	20.98	19.46	34.77	pass
N14	15	10	DFT-64QAM	M	Outer_Full	21.08	19.56	34.77	pass
N14	15	10	DFT-256QAM	M	Inner_1RB_Left	18.94	17.42	34.77	pass
N14	15	10	DFT-256QAM	M	Inner_1RB_Right	19.05	17.53	34.77	pass
N14	15	10	DFT-256QAM	M	Outer_Full	19.02	17.5	34.77	pass
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.59	21.07	34.77	pass
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.5	20.98	34.77	pass
N14	15	10	DFT-PI2BPSK	H	Outer_Full	22.58	21.06	34.77	pass
N14	15	10	DFT-QPSK	H	Inner_1RB_Left	22.51	20.99	34.77	pass
N14	15	10	DFT-QPSK	H	Inner_1RB_Right	22.43	20.91	34.77	pass
N14	15	10	DFT-QPSK	H	Outer_Full	22.58	21.06	34.77	pass
N14	15	10	DFT-16QAM	H	Inner_1RB_Left	22.42	20.9	34.77	pass
N14	15	10	DFT-16QAM	H	Inner_1RB_Right	22.55	21.03	34.77	pass
N14	15	10	DFT-16QAM	H	Outer_Full	21.57	20.05	34.77	pass
N14	15	10	DFT-64QAM	H	Inner_1RB_Left	21.19	19.67	34.77	pass
N14	15	10	DFT-64QAM	H	Inner_1RB_Right	21.02	19.5	34.77	pass
N14	15	10	DFT-64QAM	H	Outer_Full	21.08	19.56	34.77	pass
N14	15	10	DFT-256QAM	H	Inner_1RB_Left	18.98	17.46	34.77	pass
N14	15	10	DFT-256QAM	H	Inner_1RB_Right	19.08	17.56	34.77	pass
N14	15	10	DFT-256QAM	H	Outer_Full	19.07	17.55	34.77	pass



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Field Strength of Spurious Radiation

Test Band = 5G NR SA n14_10M_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	1576.5714	70.04	-48.29	25.38	-48.13	-40.00	8.13	245	281	Horizontal
2	2365.1429	71.96	-47.47	27.42	-43.34	-13.00	30.34	126	187	Horizontal
3	3153.7143	47.73	-46.50	29.60	-64.43	-13.00	51.43	236	239	Horizontal
4	3941.7143	56.90	-46.22	30.66	-53.91	-13.00	40.91	256	319	Horizontal
5	4904	51.54	-45.59	32.61	-56.70	-13.00	43.70	291	252	Horizontal
6	5518.8571	46.29	-45.16	32.93	-61.20	-13.00	48.20	148	319	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	1576.5714	72.17	-48.29	25.38	-46.00	-40.00	6.00	254	0	Vertical
2	2365.1429	75.01	-47.47	27.42	-40.29	-13.00	27.29	122	263	Vertical
3	3153.7143	52.72	-46.50	29.60	-59.44	-13.00	46.44	169	225	Vertical
4	3941.7143	54.86	-46.22	30.66	-55.95	-13.00	42.95	158	225	Vertical
5	4730.2857	54.58	-45.75	32.11	-54.32	-13.00	41.32	175	230	Vertical
6	5518.8571	54.88	-45.16	32.93	-52.61	-13.00	39.61	142	218	Vertical



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Test Band = 5G NR SA n14_5M_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	1576.5714	71.56	-48.29	25.38	-46.61	-40.00	6.61	236	306	Horizontal
2	2365.0200	72.83	-47.47	27.42	-42.47	-13.00	29.47	256	202	Horizontal
3	3153.3600	47.10	-46.50	29.60	-65.06	-13.00	52.06	145	268	Horizontal
4	3941.7000	57.81	-46.22	30.66	-53.00	-13.00	40.00	192	319	Horizontal
5	4730.0400	45.76	-45.75	32.11	-63.14	-13.00	50.14	158	173	Horizontal
6	5518.3800	44.41	-45.16	32.93	-63.08	-13.00	50.08	174	334	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	1576.5714	73.13	-48.29	25.38	-45.04	-40.00	5.04	239	0	Vertical
2	2365.0200	81.04	-47.47	27.42	-34.26	-13.00	21.26	154	290	Vertical
3	3153.1429	53.10	-46.51	29.60	-59.06	-13.00	46.06	169	279	Vertical
4	3941.7000	55.92	-46.22	30.66	-54.89	-13.00	41.89	158	224	Vertical
5	4730.2857	53.49	-45.75	32.11	-55.41	-13.00	42.41	129	267	Vertical
6	5518.2857	55.56	-45.16	32.93	-51.93	-13.00	38.93	190	254	Vertical



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Test Band = 5G NR SA n14_5M_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	1581.6800	71.11	-48.29	25.37	-47.06	-40.00	7.06	254	280	Horizontal
2	2372.5200	71.88	-47.46	27.43	-43.42	-13.00	30.42	163	221	Horizontal
3	3163.3600	50.09	-46.46	29.62	-62.01	-13.00	49.01	256	240	Horizontal
4	3954.2000	58.67	-46.21	30.69	-52.11	-13.00	39.11	145	314	Horizontal
5	4745.0400	45.48	-45.73	32.15	-63.36	-13.00	50.36	185	169	Horizontal
6	5535.8800	46.40	-45.19	32.95	-61.10	-13.00	48.10	136	332	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	1581.6800	73.25	-48.29	25.37	-44.92	-40.00	4.92	254	0	Vertical
2	2372.5200	79.88	-47.46	27.43	-35.42	-13.00	22.42	166	263	Vertical
3	3163.3600	53.55	-46.46	29.62	-58.55	-13.00	45.55	258	176	Vertical
4	3954.2000	56.33	-46.21	30.69	-54.45	-13.00	41.45	142	225	Vertical
5	4745.0400	56.20	-45.73	32.15	-52.64	-13.00	39.64	133	196	Vertical
6	5535.8800	54.34	-45.19	32.95	-53.16	-13.00	40.16	236	210	Vertical



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Test Band = 5G NR SA n14_5M_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	1586.6800	71.02	-48.29	25.37	-47.16	-40.00	7.16	254	266	Horizontal
2	2380	69.16	-47.46	27.43	-46.13	-13.00	33.13	142	266	Horizontal
3	3173.3600	50.12	-46.41	29.64	-61.91	-13.00	48.91	126	187	Horizontal
4	3966.7000	54.68	-46.21	30.72	-56.07	-13.00	43.07	136	360	Horizontal
5	4760	46.27	-45.70	32.20	-62.50	-13.00	49.50	256	175	Horizontal
6	5553.3800	47.92	-45.21	32.97	-59.58	-13.00	46.58	291	347	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	1586.6800	72.92	-48.29	25.37	-45.26	-40.00	5.26	258	3	Vertical
2	2380	73.93	-47.46	27.43	-41.36	-13.00	28.36	174	302	Vertical
3	3173.3600	53.22	-46.41	29.64	-58.81	-13.00	45.81	156	276	Vertical
4	3966.7000	55.21	-46.21	30.72	-55.54	-13.00	42.54	129	264	Vertical
5	4760	58.89	-45.70	32.20	-49.88	-13.00	36.88	136	250	Vertical
6	5553.3800	52.65	-45.21	32.97	-54.85	-13.00	41.85	222	240	Vertical



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Test Band = NSA 2A-n14A_10M_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	1576.5714	71.53	-48.29	25.38	-46.64	-40.00	6.64	245	318	Horizontal
2	2365.1429	69.24	-47.47	27.42	-46.06	-13.00	33.06	156	190	Horizontal
3	3154.3600	43.54	-46.50	29.61	-68.61	-13.00	55.61	196	163	Horizontal
4	3942.9500	43.75	-46.22	30.67	-67.06	-13.00	54.06	126	278	Horizontal
5	4731.5400	41.68	-45.75	32.11	-67.22	-13.00	54.22	145	190	Horizontal
6	5520.1300	41.27	-45.17	32.93	-66.22	-13.00	53.22	132	26	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	1576.5714	72.23	-48.29	25.38	-45.94	-40.00	5.94	241	357	Vertical
2	2365.1429	74.98	-47.47	27.42	-40.32	-13.00	27.32	132	304	Vertical
3	3153.7143	53.84	-46.50	29.60	-58.32	-13.00	45.32	152	289	Vertical
4	3941.7143	54.76	-46.22	30.66	-56.05	-13.00	43.05	136	294	Vertical
5	4730.2857	56.05	-45.75	32.11	-52.85	-13.00	39.85	256	184	Vertical
6	5518.8571	54.86	-45.16	32.93	-52.63	-13.00	39.63	211	216	Vertical



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Test Band = NSA 2A-n14A_5M_ 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	1577.1429	70.69	-48.29	25.38	-47.48	-40.00	7.48	245	317	Horizontal
2	2365.1429	68.72	-47.47	27.42	-46.58	-13.00	33.58	169	212	Horizontal
3	3153.3600	47.71	-46.50	29.60	-64.45	-13.00	51.45	125	342	Horizontal
4	3941.7000	48.49	-46.22	30.66	-62.32	-13.00	49.32	142	360	Horizontal
5	4730.0400	45.77	-45.75	32.11	-63.13	-13.00	50.13	132	279	Horizontal
6	5518.3800	43.55	-45.16	32.93	-63.94	-13.00	50.94	199	40	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	1576.6800	65.09	-48.29	25.38	-53.08	-40.00	13.08	221	10	Vertical
2	2365.0200	73.89	-47.47	27.42	-41.41	-13.00	28.41	132	268	Vertical
3	3153.3600	53.55	-46.50	29.60	-58.61	-13.00	45.61	126	280	Vertical
4	3941.7000	52.67	-46.22	30.66	-58.14	-13.00	45.14	155	254	Vertical
5	4730.0400	54.76	-45.75	32.11	-54.14	-13.00	41.14	198	201	Vertical
6	5518.3800	54.92	-45.16	32.93	-52.57	-13.00	39.57	175	215	Vertical



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Test Band = NSA 2A-n14A_5M_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	1576.5714	70.78	-48.29	25.38	-47.39	-40.00	7.39	255	320	Horizontal
2	2365.1429	67.11	-47.47	27.42	-48.19	-13.00	35.19	142	214	Horizontal
3	3163.3600	43.01	-46.46	29.62	-69.09	-13.00	56.09	132	41	Horizontal
4	3954.2000	44.24	-46.21	30.69	-66.54	-13.00	53.54	166	267	Horizontal
5	4745.0400	41.66	-45.73	32.15	-67.18	-13.00	54.18	188	359	Horizontal
6	5535.8800	41.46	-45.19	32.95	-66.04	-13.00	53.04	174	352	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	1576.5714	66.32	-48.29	25.38	-51.85	-40.00	11.85	214	10	Vertical
2	2365.1429	68.41	-47.47	27.42	-46.89	-13.00	33.89	136	269	Vertical
3	3163.3600	43.72	-46.46	29.62	-68.38	-13.00	55.38	256	307	Vertical
4	3954.2000	42.37	-46.21	30.69	-68.41	-13.00	55.41	199	0	Vertical
5	4745.0400	41.36	-45.73	32.15	-67.48	-13.00	54.48	148	136	Vertical
6	5535.8800	41.23	-45.19	32.95	-66.27	-13.00	53.27	175	18	Vertical



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Test Band = NSA 2A-n14A_5M_ 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	1576.5714	71.36	-48.29	25.38	-46.81	-40.00	6.81	241	54	Horizontal
2	2365.1429	65.15	-47.47	27.42	-50.15	-13.00	37.15	185	215	Horizontal
3	3173.3600	43.59	-46.41	29.64	-68.44	-13.00	55.44	136	14	Horizontal
4	3966.7000	42.56	-46.21	30.72	-68.19	-13.00	55.19	266	68	Horizontal
5	4760.0400	41.65	-45.70	32.20	-67.11	-13.00	54.11	199	308	Horizontal
6	5553.3800	40.93	-45.21	32.97	-66.57	-13.00	53.57	175	335	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	1576.5714	66.51	-48.29	25.38	-51.66	-40.00	11.66	213	230	Vertical
2	2365.1429	69.08	-47.47	27.42	-46.22	-13.00	33.22	254	256	Vertical
3	3173.3600	43.60	-46.41	29.64	-68.43	-13.00	55.43	148	218	Vertical
4	3966.7000	42.80	-46.21	30.72	-67.95	-13.00	54.95	156	19	Vertical
5	4760.0400	41.74	-45.70	32.20	-67.02	-13.00	54.02	192	348	Vertical
6	5553.3800	41.30	-45.21	32.97	-66.20	-13.00	53.20	135	136	Vertical



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Test Band = 5G NR CA n14A-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	1577.5	29.45	-24.98	25.38	-65.41	-40.00	25.41	233	210	Horizontal
2	5088.3333	29.48	-19.28	32.93	-52.13	-13.00	39.13	145	359	Horizontal
3	6810.1800	41.13	-43.61	35.85	-61.89	-13.00	48.89	135	148	Horizontal
4	10215.2700	35.24	-39.23	38.81	-60.44	-13.00	47.44	126	269	Horizontal
5	13620.3600	33.20	-36.03	40.13	-57.96	-13.00	44.96	169	148	Horizontal
6	17025.4500	33.69	-33.71	38.51	-56.77	-13.00	43.77	192	165	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	1595.8333	29.22	-24.93	25.36	-65.61	-40.00	25.61	255	360	Vertical
2	5020.5	29.16	-19.40	32.89	-52.61	-13.00	39.61	136	208	Vertical
3	6810.1800	41.47	-43.61	35.85	-61.55	-13.00	48.55	258	7	Vertical
4	10215.2700	36.37	-39.23	38.81	-59.31	-13.00	46.31	142	59	Vertical
5	13620.3600	33.44	-36.03	40.13	-57.72	-13.00	44.72	132	194	Vertical
6	17025.4500	33.51	-33.71	38.51	-56.95	-13.00	43.95	155	239	Vertical



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Test Band = 5G NR CA n14A-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	1586.6667	29.22	-24.95	25.37	-65.63	-40.00	25.63	215	109	Horizontal
2	5264.3333	29.70	-18.87	32.93	-51.50	-13.00	38.50	126	139	Horizontal
3	6910.1800	40.66	-43.80	35.97	-62.43	-13.00	49.43	132	195	Horizontal
4	10365.2700	36.18	-38.81	38.85	-59.03	-13.00	46.03	158	181	Horizontal
5	13820.3600	32.33	-36.11	39.98	-59.06	-13.00	46.06	196	166	Horizontal
6	17275.4500	33.34	-35.16	38.70	-58.37	-13.00	45.37	188	121	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.5	29.30	-24.98	25.38	-65.56	-40.00	25.56	125	128	Vertical
2	4875.6667	29.90	-19.98	32.53	-52.81	-13.00	39.81	145	59	Vertical
3	6910.1800	41.16	-43.80	35.97	-61.93	-13.00	48.93	132	31	Vertical
4	10365.2700	35.29	-38.81	38.85	-59.92	-13.00	46.92	122	197	Vertical
5	13820.3600	33.06	-36.11	39.98	-58.33	-13.00	45.33	166	1	Vertical
6	17275.4500	34.46	-35.16	38.70	-57.25	-13.00	44.25	188	245	Vertical



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Test Band = 5G NR CA n14A-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	1584.8333	29.15	-24.96	25.37	-65.70	-40.00	25.70	152	41	Horizontal
2	4888.5	29.98	-20.01	32.57	-52.72	-13.00	39.72	145	360	Horizontal
3	7010.1800	40.97	-43.06	36.11	-61.24	-13.00	48.24	132	356	Horizontal
4	10515.2700	35.17	-38.64	38.98	-59.76	-13.00	46.76	100	15	Horizontal
5	14020.3600	32.06	-35.04	40.15	-58.09	-13.00	45.09	100	1	Horizontal
6	17525.4500	32.64	-33.81	39.28	-57.15	-13.00	44.15	100	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	1577.5	29.37	-24.98	25.38	-65.49	-40.00	25.49	245	360	Vertical
2	2010.1667	39.53	-24.44	26.68	-53.50	-13.00	40.50	126	109	Vertical
3	7010.1800	40.89	-43.06	36.11	-61.32	-13.00	48.32	132	0	Vertical
4	10515.2700	35.26	-38.64	38.98	-59.67	-13.00	46.67	158	318	Vertical
5	14020.3600	31.31	-35.04	40.15	-58.84	-13.00	45.84	144	123	Vertical
6	17525.4500	32.98	-33.81	39.28	-56.81	-13.00	43.81	195	166	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:

 $AF = \text{Antenna Factor (dB/m)}$
 $\text{Factor} = \text{Cable Factor (dB)} - \text{Pre-amplifier (dB)}$
 $\text{Level} = \text{Reading Level} + AF + \text{Factor} - 95.26$
 $\text{Margin} = \text{Limit} - \text{Level}$

---End of Attachment---



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