

Report No.: SEWM2210000221RG02

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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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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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Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 8 of 15

Test Band = 5G NR SA n14_5M_TM1

Test Channel = High

| Final Data List | | | | | | | | | | | |
|-----------------|-----------------|----------------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|--|
| NO. | Frequency [MHz] | Reading [dB μ V] | 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 [dB μ V] | 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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Report No.: SEWM2210000221RG02
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Test Band = NSA 2A-n14A_10M_ TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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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Report No.: SEWM2210000221RG02
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Test Band = NSA 2A-n14A_5M_ TM1

Test Channel = High

| Final Data List | | | | | | | | | | | |
|-----------------|-----------------|----------------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|--|
| NO. | Frequency [MHz] | Reading [dB μ V] | 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 [dB μ V] | 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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Report No.: SEWM2210000221RG02
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Test Band = 5G NR CA n14A-n77A_ TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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 [dB μ V] | 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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Report No.: SEWM2210000221RG02
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Test Band = 5G NR CA n14A-n77A_ TM1

Test Channel = High

| Final Data List | | | | | | | | | | | |
|-----------------|-----------------|----------------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|--|
| NO. | Frequency [MHz] | Reading [dB μ V] | 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 [dB μ V] | 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 = 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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