

Report No.: SEWM2309000384RG01

Rev.: 01

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Appendix B.2

LTE Band 2



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Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | 23.81 | 24.06 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#2 | 23.80 | 24.05 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | 23.69 | 23.94 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | 22.76 | 23.01 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#0 | 23.52 | 23.77 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#2 | 23.59 | 23.84 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#5 | 23.52 | 23.77 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 6RB#0 | 22.58 | 22.83 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | 23.54 | 23.79 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#2 | 23.57 | 23.82 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | 23.54 | 23.79 | 33.00 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | 22.63 | 22.88 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | 23.00 | 23.25 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#2 | 23.12 | 23.37 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5 | 22.96 | 23.21 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | 21.95 | 22.20 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#0 | 22.92 | 23.17 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#2 | 22.96 | 23.21 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#5 | 22.81 | 23.06 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | 21.75 | 22.00 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2 | 22.83 | 23.08 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5 | 22.89 | 23.14 | 33.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | 21.72 | 21.97 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#0 | 23.79 | 24.04 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#8 | 23.80 | 24.05 | 33.00 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band2 | 3MHz | QPSK | 18615 | 1RB#14 | 23.81 | 24.06 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 15RB#0 | 22.87 | 23.12 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#0 | 23.58 | 23.83 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#8 | 23.61 | 23.86 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#14 | 23.59 | 23.84 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 15RB#0 | 22.66 | 22.91 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#0 | 23.60 | 23.85 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#8 | 23.63 | 23.88 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#14 | 23.56 | 23.81 | 33.00 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 15RB#0 | 22.69 | 22.94 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#0 | 23.16 | 23.41 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#8 | 23.22 | 23.47 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#14 | 23.05 | 23.30 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0 | 21.91 | 22.16 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#0 | 22.81 | 23.06 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8 | 22.85 | 23.10 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14 | 22.86 | 23.11 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0 | 21.71 | 21.96 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0 | 22.94 | 23.19 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8 | 22.89 | 23.14 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0 | 21.76 | 22.01 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#0 | 23.82 | 24.07 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#12 | 23.84 | 24.09 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#24 | 23.85 | 24.10 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 25RB#0 | 22.86 | 23.11 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#0 | 23.60 | 23.85 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#12 | 23.61 | 23.86 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#24 | 23.60 | 23.85 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 25RB#0 | 22.69 | 22.94 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#0 | 23.56 | 23.81 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#12 | 23.57 | 23.82 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|--------|-------|-------|-------|------|
| Band2 | 5MHz | QPSK | 19175 | 1RB#24 | 23.55 | 23.80 | 33.00 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 25RB#0 | 22.67 | 22.92 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0 | 23.08 | 23.33 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12 | 23.03 | 23.28 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24 | 23.02 | 23.27 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0 | 21.92 | 22.17 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#0 | 22.89 | 23.14 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#12 | 22.93 | 23.18 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#24 | 22.96 | 23.21 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 25RB#0 | 21.72 | 21.97 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 1RB#0 | 22.84 | 23.09 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 1RB#12 | 23.05 | 23.30 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 1RB#24 | 22.94 | 23.19 | 33.00 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 25RB#0 | 21.71 | 21.96 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#0 | 23.81 | 24.06 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#24 | 23.87 | 24.12 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#49 | 23.68 | 23.93 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 50RB#0 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#0 | 23.57 | 23.82 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#24 | 23.69 | 23.94 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#49 | 23.63 | 23.88 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 50RB#0 | 22.68 | 22.93 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#0 | 23.66 | 23.91 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#24 | 23.65 | 23.90 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#49 | 23.60 | 23.85 | 33.00 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 50RB#0 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0 | 23.15 | 23.40 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24 | 23.05 | 23.30 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49 | 22.92 | 23.17 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0 | 21.79 | 22.04 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0 | 22.83 | 23.08 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24 | 22.92 | 23.17 | 33.00 | PASS |



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



| | | | | | | | | |
|-------|-------|-------|-------|--------|-------|-------|-------|------|
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49 | 22.98 | 23.23 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0 | 21.73 | 21.98 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0 | 23.00 | 23.25 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24 | 22.91 | 23.16 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49 | 22.93 | 23.18 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0 | 21.82 | 22.07 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#0 | 23.82 | 24.07 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#38 | 23.84 | 24.09 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#74 | 23.66 | 23.91 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 75RB#0 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#0 | 23.56 | 23.81 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#38 | 23.60 | 23.85 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#74 | 23.64 | 23.89 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 75RB#0 | 22.69 | 22.94 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#0 | 23.52 | 23.77 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#38 | 23.61 | 23.86 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#74 | 23.57 | 23.82 | 33.00 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 75RB#0 | 22.71 | 22.96 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0 | 23.07 | 23.32 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38 | 23.09 | 23.34 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0 | 21.80 | 22.05 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0 | 22.79 | 23.04 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38 | 22.92 | 23.17 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74 | 22.88 | 23.13 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0 | 21.73 | 21.98 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0 | 22.86 | 23.11 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38 | 22.86 | 23.11 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74 | 22.96 | 23.21 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0 | 21.78 | 22.03 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | 23.79 | 24.04 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#49 | 23.68 | 23.93 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | 23.60 | 23.85 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | 22.82 | 23.07 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#0 | 23.54 | 23.79 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#49 | 23.62 | 23.87 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#99 | 23.58 | 23.83 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 100RB#0 | 22.69 | 22.94 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | 23.48 | 23.73 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#49 | 23.63 | 23.88 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | 23.62 | 23.87 | 33.00 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | 22.70 | 22.95 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | 22.97 | 23.22 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49 | 23.01 | 23.26 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99 | 22.93 | 23.18 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 21.79 | 22.04 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0 | 22.86 | 23.11 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49 | 22.88 | 23.13 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99 | 22.73 | 22.98 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 21.72 | 21.97 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | 22.71 | 22.96 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49 | 22.83 | 23.08 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99 | 22.88 | 23.13 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 21.70 | 21.95 | 33.00 | PASS |



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Field Strength of Spurious Radiation

Test Band = LTE_2_20MHz_TM1

Test Channel = LCH

| Final Data List | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|----------|------------|
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle[°] | Polarity |
| 1 | 2999.4999 | 24.52 | 1.62 | 29.79 | -39.33 | -13.00 | 26.33 | 142 | 208 | Horizontal |
| 2 | 3930.0465 | 52.09 | -49.07 | 30.78 | -61.46 | -13.00 | 48.46 | 263 | 189 | Horizontal |
| 3 | 5408.3704 | 50.44 | -45.87 | 33.15 | -57.54 | -13.00 | 44.54 | 321 | 7 | Horizontal |
| 4 | 9031.0516 | 48.42 | -41.79 | 38.74 | -49.89 | -13.00 | 36.89 | 155 | 86 | Horizontal |
| 5 | 11923.9462 | 47.59 | -38.08 | 39.48 | -46.27 | -13.00 | 33.27 | 137 | 135 | Horizontal |
| 6 | 17991.7496 | 48.99 | -43.99 | 42.75 | -47.51 | -13.00 | 34.51 | 284 | 278 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|----------|----------|
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle[°] | Polarity |
| 1 | 2995.4994 | 24.65 | 1.50 | 29.75 | -39.36 | -13.00 | 26.36 | 333 | 191 | Vertical |
| 2 | 3702.0351 | 53.62 | -50.00 | 30.31 | -61.33 | -13.00 | 48.33 | 196 | 271 | Vertical |
| 3 | 5553.1277 | 52.49 | -45.47 | 33.21 | -55.03 | -13.00 | 42.03 | 364 | 45 | Vertical |
| 4 | 7404.2202 | 52.10 | -44.09 | 36.79 | -50.46 | -13.00 | 37.46 | 257 | 321 | Vertical |
| 5 | 11106.4053 | 49.65 | -39.67 | 39.42 | -45.86 | -13.00 | 32.86 | 339 | 247 | Vertical |
| 6 | 17987.2494 | 49.18 | -43.88 | 42.72 | -47.24 | -13.00 | 34.24 | 185 | 49 | Vertical |



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Test Band = LTE_2_20MHz_TM1

Test Channel = MCH

| Final Data List | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|----------|------------|
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle[°] | Polarity |
| 1 | 2996.7496 | 24.59 | 1.54 | 29.77 | -39.36 | -13.00 | 26.36 | 199 | 261 | Horizontal |
| 2 | 4263.8132 | 51.93 | -48.58 | 32.02 | -59.89 | -13.00 | 46.89 | 201 | 292 | Horizontal |
| 3 | 6776.4388 | 49.31 | -44.53 | 36.25 | -54.23 | -13.00 | 41.23 | 146 | 129 | Horizontal |
| 4 | 9048.3024 | 48.22 | -41.86 | 38.70 | -50.20 | -13.00 | 37.20 | 321 | 35 | Horizontal |
| 5 | 11887.1944 | 47.56 | -37.97 | 39.55 | -46.12 | -13.00 | 33.12 | 189 | 322 | Horizontal |
| 6 | 17919.746 | 48.45 | -42.98 | 42.32 | -47.47 | -13.00 | 34.47 | 121 | 2 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 2995.7495 | 24.99 | 1.51 | 29.76 | -39.00 | -13.00 | 26.00 | 356 | 330 | Vertical |
| 2 | 3741.7871 | 55.30 | -49.47 | 30.47 | -58.96 | -13.00 | 45.96 | 278 | 122 | Vertical |
| 3 | 5613.1307 | 55.26 | -45.52 | 33.37 | -52.15 | -13.00 | 39.15 | 212 | 216 | Vertical |
| 4 | 7484.4742 | 58.98 | -43.28 | 36.63 | -42.93 | -13.00 | 29.93 | 148 | 103 | Vertical |
| 5 | 9355.8178 | 50.20 | -41.58 | 38.52 | -48.12 | -13.00 | 35.12 | 226 | 78 | Vertical |
| 6 | 11226.4113 | 54.58 | -39.38 | 39.67 | -40.39 | -13.00 | 27.39 | 321 | 83 | Vertical |



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Test Band = LTE_2_20MHz_TM1
 Test Channel = HCH

| Final Data List | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|----------|------------|
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle[°] | Polarity |
| 1 | 2997.2497 | 24.59 | 1.55 | 29.77 | -39.35 | -13.00 | 26.35 | 169 | 142 | Horizontal |
| 2 | 3782.2891 | 53.80 | -49.49 | 30.50 | -60.45 | -13.00 | 47.45 | 221 | 84 | Horizontal |
| 3 | 6752.4376 | 49.25 | -44.10 | 36.20 | -53.91 | -13.00 | 40.91 | 148 | 286 | Horizontal |
| 4 | 9012.3006 | 48.21 | -41.70 | 38.78 | -49.97 | -13.00 | 36.97 | 156 | 257 | Horizontal |
| 5 | 11914.9457 | 47.32 | -37.94 | 39.49 | -46.39 | -13.00 | 33.39 | 339 | 44 | Horizontal |
| 6 | 17909.2455 | 48.95 | -42.98 | 42.26 | -47.03 | -13.00 | 34.03 | 257 | 262 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|----------|----------|
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle[°] | Polarity |
| 1 | 2997.2497 | 24.51 | 1.55 | 29.77 | -39.43 | -13.00 | 26.43 | 344 | 164 | Vertical |
| 2 | 3782.2891 | 58.27 | -49.49 | 30.50 | -55.98 | -13.00 | 42.98 | 356 | 295 | Vertical |
| 3 | 5673.1337 | 57.71 | -44.99 | 33.39 | -49.15 | -13.00 | 36.15 | 285 | 221 | Vertical |
| 4 | 7563.9782 | 56.50 | -43.83 | 36.77 | -45.82 | -13.00 | 32.82 | 321 | 104 | Vertical |
| 5 | 11346.4173 | 57.56 | -39.25 | 39.65 | -37.30 | -13.00 | 24.30 | 148 | 79 | Vertical |
| 6 | 15128.8564 | 48.33 | -39.82 | 39.74 | -47.01 | -13.00 | 34.01 | 320 | 153 | 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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