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# Appendix B.10

## LTE Band 25



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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 |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 23.53       | 23.78     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#2            | 23.58       | 23.83     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#5            | 23.49       | 23.74     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 22.53       | 22.78     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 23.41       | 23.66     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#2            | 23.55       | 23.80     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#5            | 23.41       | 23.66     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 22.50       | 22.75     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 23.56       | 23.81     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#2            | 23.68       | 23.93     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#5            | 23.58       | 23.83     | 33.00      | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 22.71       | 22.96     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 22.86       | 23.11     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#2            | 22.80       | 23.05     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#5            | 22.82       | 23.07     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 21.65       | 21.90     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 22.67       | 22.92     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#2            | 22.67       | 22.92     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#5            | 22.72       | 22.97     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 21.61       | 21.86     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#0            | 22.93       | 23.18     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#2            | 22.96       | 23.21     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#5            | 22.80       | 23.05     | 33.00      | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 21.80       | 22.05     | 33.00      | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 1RB#0            | 23.50       | 23.75     | 33.00      | PASS    |



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|        |      |       |       |        |       |       |       |      |
|--------|------|-------|-------|--------|-------|-------|-------|------|
| Band25 | 3MHz | QPSK  | 26055 | 1RB#8  | 23.54 | 23.79 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26055 | 1RB#14 | 23.52 | 23.77 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26055 | 15RB#0 | 22.65 | 22.90 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26365 | 1RB#0  | 23.46 | 23.71 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26365 | 1RB#8  | 23.53 | 23.78 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26365 | 1RB#14 | 23.53 | 23.78 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26365 | 15RB#0 | 22.58 | 22.83 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 1RB#0  | 23.65 | 23.90 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 1RB#8  | 23.67 | 23.92 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 1RB#14 | 23.59 | 23.84 | 33.00 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 15RB#0 | 22.82 | 22.97 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#0  | 22.75 | 23.00 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#8  | 22.90 | 23.15 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#14 | 22.89 | 23.14 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 21.69 | 21.94 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#0  | 22.75 | 23.00 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#8  | 22.87 | 23.12 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#14 | 22.80 | 23.05 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 21.64 | 21.89 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0  | 22.95 | 23.20 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#8  | 22.96 | 23.21 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14 | 22.79 | 23.04 | 33.00 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 21.83 | 22.08 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#0  | 23.58 | 23.83 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#12 | 23.61 | 23.86 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#24 | 23.55 | 23.80 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 25RB#0 | 22.60 | 22.85 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#0  | 23.56 | 23.81 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#12 | 23.55 | 23.80 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#24 | 23.58 | 23.83 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 25RB#0 | 22.60 | 22.85 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#0  | 23.69 | 23.94 | 33.00 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#12 | 23.70 | 23.95 | 33.00 | PASS |



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| Band25 | 5MHz  | QPSK  | 26665 | 1RB#24 | 23.65 | 23.90 | 33.00 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 25RB#0 | 22.79 | 23.04 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#0  | 22.82 | 23.07 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#12 | 22.78 | 23.03 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#24 | 22.73 | 22.98 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 25RB#0 | 21.62 | 21.87 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#0  | 22.84 | 23.09 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#12 | 22.77 | 23.02 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#24 | 22.85 | 23.10 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 25RB#0 | 21.66 | 21.91 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#0  | 23.00 | 23.25 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#12 | 23.01 | 23.26 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#24 | 22.93 | 23.18 | 33.00 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0 | 21.80 | 22.05 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0  | 23.57 | 23.82 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#24 | 23.59 | 23.84 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#49 | 23.51 | 23.76 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0 | 22.62 | 22.87 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0  | 23.56 | 23.81 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#24 | 23.57 | 23.82 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#49 | 23.58 | 23.83 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0 | 22.64 | 22.89 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0  | 23.68 | 23.93 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#24 | 23.72 | 23.97 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#49 | 23.62 | 23.87 | 33.00 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0 | 22.85 | 23.10 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0  | 22.89 | 23.14 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24 | 22.86 | 23.11 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49 | 22.85 | 23.10 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 21.65 | 21.90 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0  | 22.90 | 23.15 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24 | 22.84 | 23.09 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49 | 22.96 | 23.21 | 33.00 | PASS |



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| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 21.66 | 21.91 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 23.02 | 23.27 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24  | 23.01 | 23.26 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49  | 22.86 | 23.11 | 33.00 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 21.90 | 22.15 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 23.51 | 23.76 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#38  | 23.58 | 23.83 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#74  | 23.48 | 23.73 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 22.63 | 22.88 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 23.51 | 23.76 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#38  | 23.54 | 23.79 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#74  | 23.59 | 23.84 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 22.64 | 22.89 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 23.60 | 23.85 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#38  | 23.74 | 23.99 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#74  | 23.65 | 23.90 | 33.00 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 22.77 | 23.02 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 22.80 | 23.05 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38  | 22.86 | 23.11 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74  | 22.67 | 22.92 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 21.65 | 21.90 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 22.77 | 23.02 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38  | 22.90 | 23.15 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74  | 22.94 | 23.19 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 21.68 | 21.93 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 22.89 | 23.14 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38  | 23.10 | 23.35 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74  | 22.95 | 23.20 | 33.00 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 21.82 | 22.07 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 23.51 | 23.76 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#49  | 23.53 | 23.78 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#99  | 23.49 | 23.74 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 22.64 | 22.89 | 33.00 | PASS |



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|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 23.43 | 23.68 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#49  | 23.53 | 23.78 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#99  | 23.57 | 23.82 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 100RB#0 | 22.66 | 22.91 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#0   | 23.49 | 23.74 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#49  | 23.71 | 23.96 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#99  | 23.66 | 23.91 | 33.00 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 22.77 | 23.02 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0   | 22.71 | 22.96 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#49  | 22.83 | 23.08 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99  | 22.75 | 23.00 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 21.61 | 21.86 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0   | 22.75 | 23.00 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#49  | 22.88 | 23.13 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#99  | 22.83 | 23.08 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 21.66 | 21.91 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0   | 22.86 | 23.11 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#49  | 22.99 | 23.24 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99  | 23.00 | 23.25 | 33.00 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 21.80 | 22.05 | 33.00 | PASS |



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## Field Strength of Spurious Radiation

Test Band = LTE\_25\_20MHz\_TM1

Test Channel = LCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 1182.5228      | 23.87             | -19.26         | 25.70        | -64.95         | -13.00         | 51.95          | 181            | 113          | Horizontal |
| 2               | 3622.5311      | 52.33             | -49.41         | 30.29        | -62.05         | -13.00         | 49.05          | 323            | 255          | Horizontal |
| 3               | 5505.8753      | 50.96             | -45.46         | 33.11        | -56.65         | -13.00         | 43.65          | 256            | 53           | Horizontal |
| 4               | 8545.0273      | 47.95             | -42.32         | 38.98        | -50.65         | -13.00         | 37.65          | 184            | 19           | Horizontal |
| 5               | 11951.6976     | 47.89             | -38.50         | 39.45        | -46.42         | -13.00         | 33.42          | 328            | 315          | Horizontal |
| 6               | 17912.2456     | 48.30             | -42.98         | 42.27        | -47.67         | -13.00         | 34.67          | 169            | 285          | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3702.0351      | 53.71             | -50.00         | 30.31        | -61.24         | -13.00         | 48.24          | 191            | 0            | Vertical |
| 2               | 5553.1277      | 52.37             | -45.47         | 33.21        | -55.15         | -13.00         | 42.15          | 160            | 10           | Vertical |
| 3               | 7404.2202      | 52.74             | -44.09         | 36.79        | -49.82         | -13.00         | 36.82          | 330            | 271          | Vertical |
| 4               | 8557.0279      | 48.75             | -42.32         | 38.97        | -49.86         | -13.00         | 36.86          | 111            | 324          | Vertical |
| 5               | 11106.4053     | 49.67             | -39.67         | 39.42        | -45.84         | -13.00         | 32.84          | 314            | 236          | Vertical |
| 6               | 17905.4953     | 48.21             | -42.98         | 42.23        | -47.80         | -13.00         | 34.80          | 279            | 344          | Vertical |



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Test Band = LTE\_25\_20MHz\_TM1

Test Channel = MCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3616.5308      | 52.72             | -49.47         | 30.27        | -61.74         | -13.00         | 48.74          | 226            | 130          | Horizontal |
| 2               | 5526.1263      | 50.73             | -45.46         | 33.15        | -56.84         | -13.00         | 43.84          | 146            | 81           | Horizontal |
| 3               | 7484.4742      | 50.80             | -43.28         | 36.63        | -51.11         | -13.00         | 38.11          | 169            | 315          | Horizontal |
| 4               | 9012.3006      | 48.98             | -41.70         | 38.78        | -49.20         | -13.00         | 36.20          | 316            | 330          | Horizontal |
| 5               | 11226.4113     | 48.84             | -39.38         | 39.67        | -46.13         | -13.00         | 33.13          | 264            | 159          | Horizontal |
| 6               | 17996.2498     | 49.21             | -44.10         | 42.78        | -47.37         | -13.00         | 34.37          | 231            | 246          | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3741.7871      | 55.02             | -49.47         | 30.47        | -59.24         | -13.00         | 46.24          | 247            | 198          | Vertical |
| 2               | 5613.1307      | 55.17             | -45.52         | 33.37        | -52.24         | -13.00         | 39.24          | 213            | 207          | Vertical |
| 3               | 7484.4742      | 59.14             | -43.28         | 36.63        | -42.77         | -13.00         | 29.77          | 380            | 95           | Vertical |
| 4               | 9355.8178      | 50.39             | -41.58         | 38.52        | -47.93         | -13.00         | 34.93          | 285            | 56           | Vertical |
| 5               | 11226.4113     | 53.36             | -39.38         | 39.67        | -41.61         | -13.00         | 28.61          | 220            | 232          | Vertical |
| 6               | 15649.3825     | 45.78             | -39.04         | 39.15        | -49.37         | -13.00         | 36.37          | 198            | 100          | Vertical |



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Test Band = LTE\_25\_20MHz\_TM1

Test Channel = HCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3620.281       | 53.03             | -49.44         | 30.28        | -61.39         | -13.00         | 48.39          | 108            | 236          | Horizontal |
| 2               | 5688.1344      | 51.56             | -44.84         | 33.45        | -55.09         | -13.00         | 42.09          | 248            | 296          | Horizontal |
| 3               | 7584.2292      | 49.86             | -43.51         | 36.73        | -52.18         | -13.00         | 39.18          | 225            | 143          | Horizontal |
| 4               | 9040.052       | 48.50             | -41.83         | 38.72        | -49.87         | -13.00         | 36.87          | 361            | 153          | Horizontal |
| 5               | 11376.4188     | 49.07             | -39.31         | 39.68        | -45.82         | -13.00         | 32.82          | 231            | 158          | Horizontal |
| 6               | 14049.5525     | 46.68             | -39.76         | 40.60        | -47.74         | -13.00         | 34.74          | 149            | 26           | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3792.0396      | 55.79             | -49.53         | 30.50        | -58.50         | -13.00         | 45.50          | 141            | 285          | Vertical |
| 2               | 5688.1344      | 56.98             | -44.84         | 33.45        | -49.67         | -13.00         | 36.67          | 156            | 211          | Vertical |
| 3               | 7584.2292      | 58.11             | -43.51         | 36.73        | -43.93         | -13.00         | 30.93          | 326            | 275          | Vertical |
| 4               | 9480.324       | 50.94             | -41.44         | 39.12        | -46.64         | -13.00         | 33.64          | 356            | 192          | Vertical |
| 5               | 11376.4188     | 54.53             | -39.31         | 39.68        | -40.36         | -13.00         | 27.36          | 196            | 78           | Vertical |
| 6               | 15168.6084     | 47.20             | -39.61         | 39.66        | -48.01         | -13.00         | 35.01          | 285            | 113          | 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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