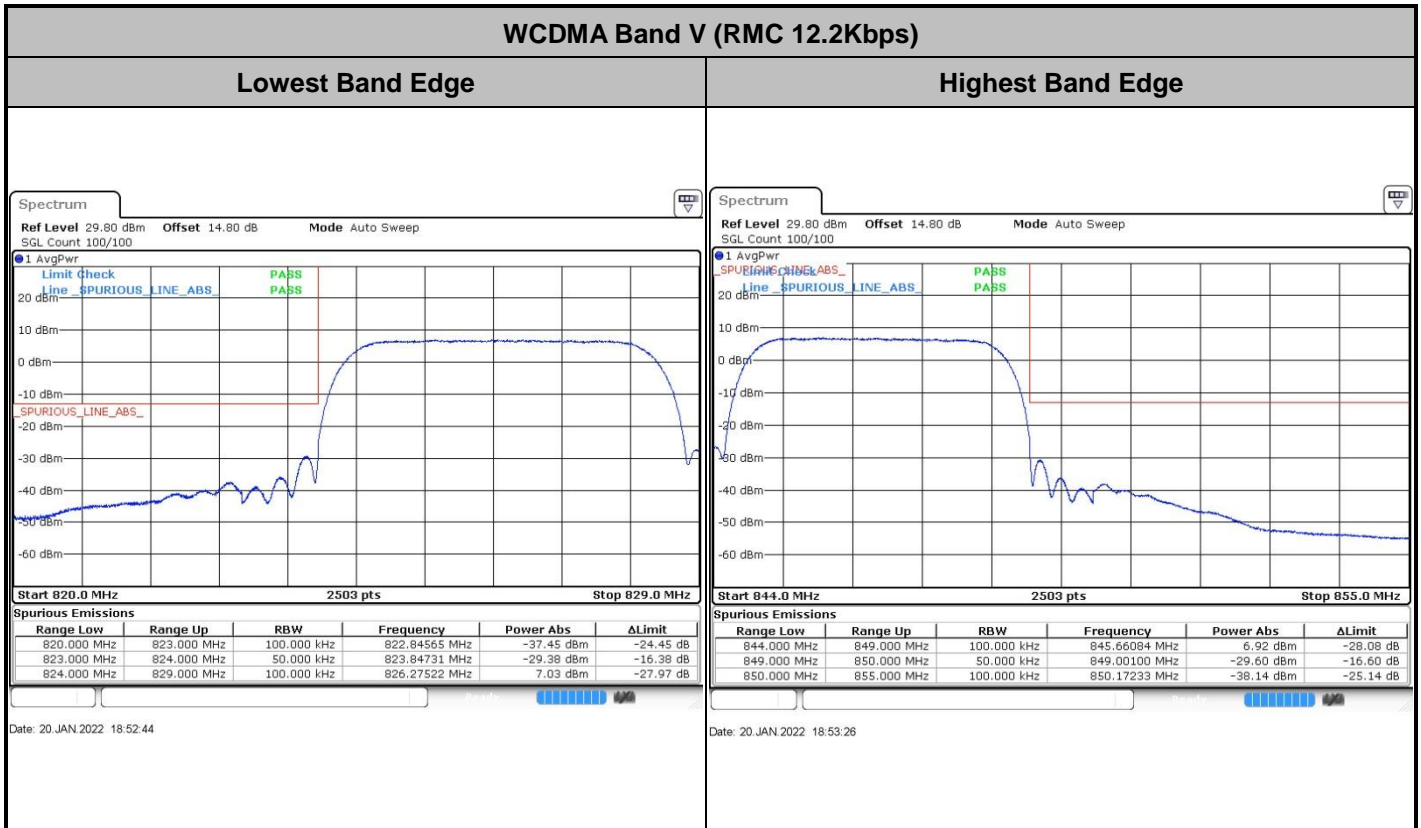
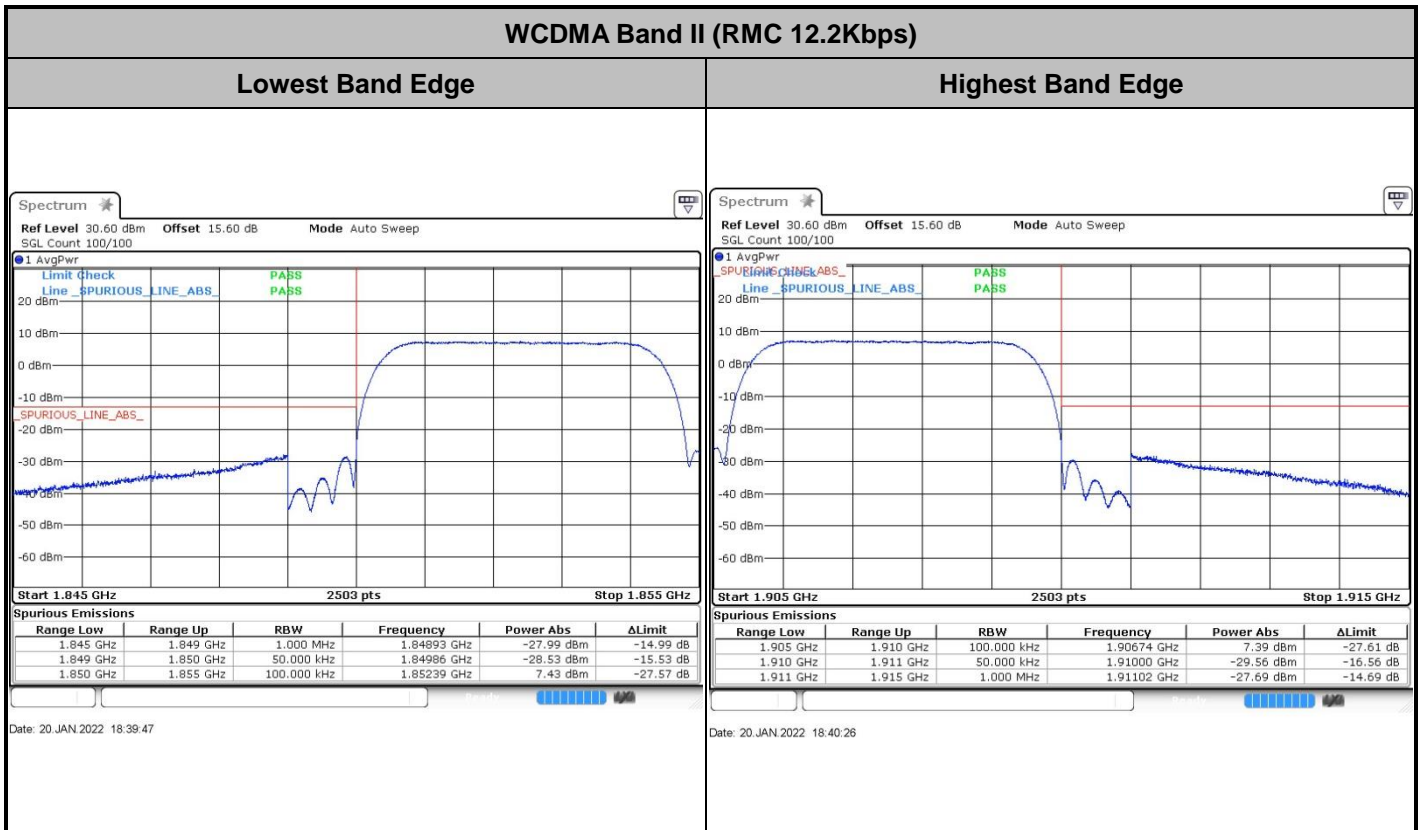




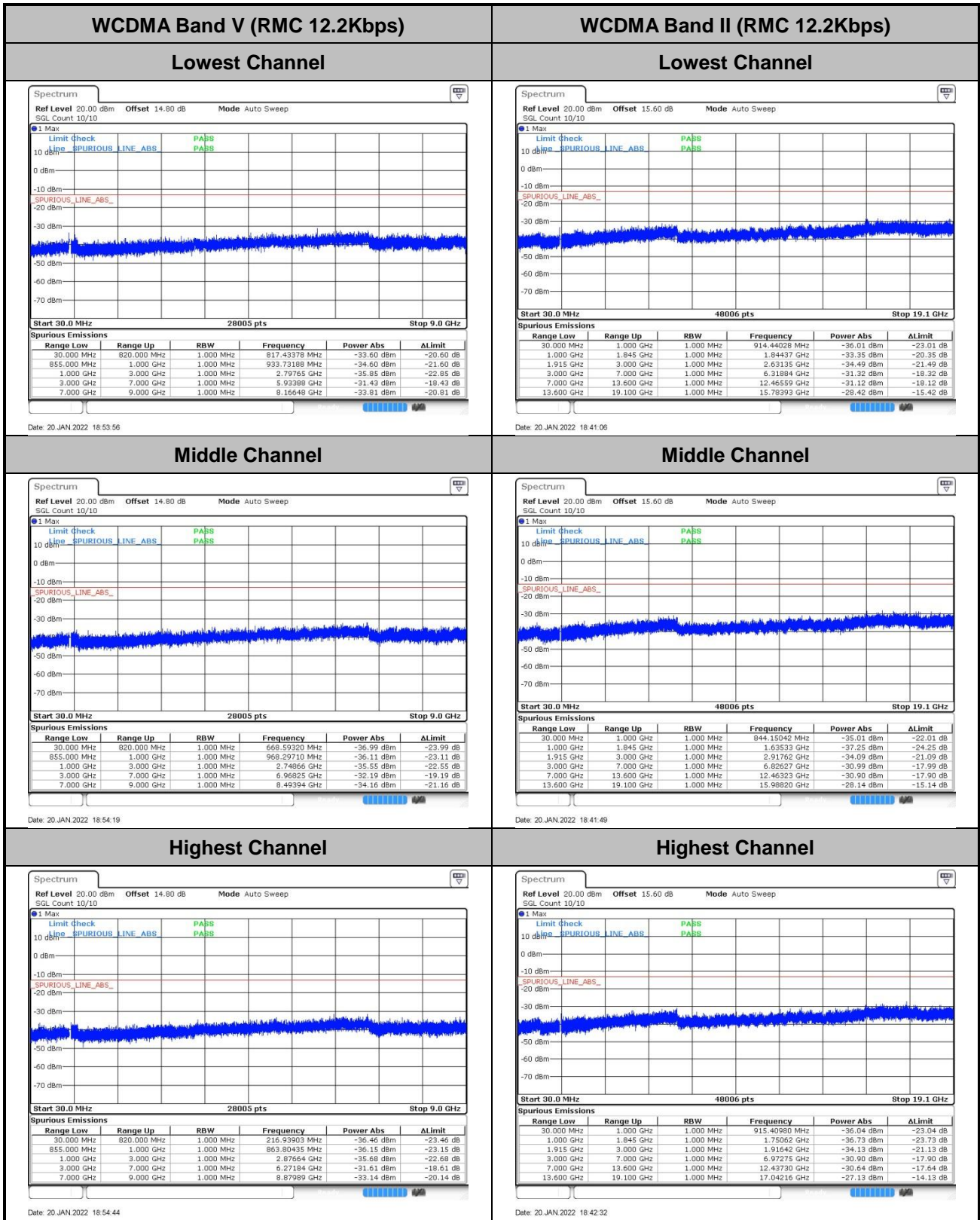
Conducted Band Edge







Conducted Spurious Emission





Frequency Stability

| Test Conditions | Middle Channel | WCDMA Band V (RMC 12.2Kbps) | Limit 2.5ppm |
|------------------|-------------------|--------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt) | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0057 | PASS |
| 40 | Normal Voltage | 0.0047 | |
| 30 | Normal Voltage | 0.0051 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0007 | |
| 0 | Normal Voltage | 0.0021 | |
| -10 | Normal Voltage | 0.0063 | |
| -20 | Normal Voltage | 0.0053 | |
| -30 | Normal Voltage | 0.0010 | |
| 20 | Maximum Voltage | 0.0022 | |
| 20 | Normal Voltage | 0.0052 | |
| 20 | Battery End Point | 0.0061 | |

Note: Normal Voltage = 3.87V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.45V



| Test Conditions | Middle Channel | WCDMA Band II (RMC 12.2Kbps) | Limit Note 2. |
|------------------|-------------------|------------------------------|---------------|
| Temperature (°C) | Voltage (Volt) | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0062 | PASS |
| 40 | Normal Voltage | 0.0021 | |
| 30 | Normal Voltage | 0.0033 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0042 | |
| 0 | Normal Voltage | 0.0031 | |
| -10 | Normal Voltage | 0.0041 | |
| -20 | Normal Voltage | 0.0031 | |
| -30 | Normal Voltage | 0.0052 | |
| 20 | Maximum Voltage | 0.0043 | |
| 20 | Normal Voltage | 0.0019 | |
| 20 | Battery End Point | 0.0012 | |

Note:

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.45V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Chris Chen | Temperature : | 22~23°C |
| | | Relative Humidity : | 41~42% |

| GSM850 (GSM) | | | | | | | | |
|--------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|------------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1672 | -44.90 | -13 | -31.90 | -51.87 | 1.58 | 10.70 | H |
| | 2510 | -54.83 | -13 | -41.83 | -63.08 | 2.102 | 12.50 | H |
| | 3348 | -59.31 | -13 | -46.31 | -68.20 | 2.856 | 13.90 | H |
| | 1672 | -45.05 | -13 | -32.05 | -52.02 | 1.58 | 10.70 | V |
| | 2510 | -53.19 | -13 | -40.19 | -61.44 | 2.10 | 12.50 | V |
| | 3348 | -59.86 | -13 | -46.86 | -68.75 | 2.86 | 13.90 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| GSM850 (EDGE 1 Tx slots) | | | | | | | | |
|--------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|------------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1672 | -57.82 | -13 | -44.82 | -64.79 | 1.58 | 10.70 | H |
| | 2512 | -53.60 | -13 | -40.60 | -61.85 | 2.102 | 12.50 | H |
| | 3344 | -59.47 | -13 | -46.47 | -68.36 | 2.856 | 13.90 | H |
| | 1672 | -54.78 | -13 | -41.78 | -61.75 | 1.58 | 10.70 | V |
| | 2512 | -51.68 | -13 | -38.68 | -59.93 | 2.10 | 12.50 | V |
| | 3344 | -58.57 | -13 | -45.57 | -67.46 | 2.86 | 13.90 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| GSM1900 (GSM) | | | | | | | | |
|---------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|------------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 3765 | -53.56 | -13 | -40.56 | -65.82 | 2.64 | 14.90 | H |
| | 5640 | -49.87 | -13 | -36.87 | -61.73 | 2.94 | 14.80 | H |
| | 7515 | -52.87 | -13 | -39.87 | -62.64 | 3.39 | 13.16 | H |
| | 3765 | -54.94 | -13 | -41.94 | -67.20 | 2.64 | 14.90 | V |
| | 5640 | -47.44 | -13 | -34.44 | -59.30 | 2.94 | 14.80 | V |
| | 7515 | -52.79 | -13 | -39.79 | -62.56 | 3.39 | 13.16 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| GSM1900 (EDGE 1 Tx slots) | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 3765 | -54.26 | -13 | -41.26 | -66.52 | 2.641 | 14.90 | H |
| | 5640 | -45.68 | -13 | -32.68 | -57.54 | 2.94 | 14.80 | H |
| | 7515 | -52.90 | -13 | -39.90 | -62.67 | 3.39 | 13.16 | H |
| | 3765 | -55.78 | -13 | -42.78 | -68.04 | 2.64 | 14.90 | V |
| | 5640 | -45.22 | -13 | -32.22 | -57.08 | 2.94 | 14.80 | V |
| | 7515 | -52.92 | -13 | -39.92 | -62.69 | 3.39 | 13.16 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| WCDMA Band V(RMC 12.2Kbps) | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1672 | -64.74 | -13 | -51.74 | -71.71 | 1.58 | 10.70 | H |
| | 2512 | -59.62 | -13 | -46.62 | -67.87 | 2.102 | 12.50 | H |
| | 3344 | -59.71 | -13 | -46.71 | -68.60 | 2.856 | 13.90 | H |
| | 1672 | -63.54 | -13 | -50.54 | -70.51 | 1.58 | 10.70 | V |
| | 2512 | -59.25 | -13 | -46.25 | -67.50 | 2.10 | 12.50 | V |
| | 3344 | -59.65 | -13 | -46.65 | -68.54 | 2.86 | 13.90 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| WCDMA Band II(RMC 12.2Kbps) | | | | | | | | |
|-----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 3759 | -56.77 | -13 | -43.77 | -69.03 | 2.64 | 14.90 | H |
| | 5640 | -53.88 | -13 | -40.88 | -65.74 | 2.94 | 14.80 | H |
| | 7524 | -52.60 | -13 | -39.60 | -62.37 | 3.39 | 13.16 | H |
| | 3759 | -56.08 | -13 | -43.08 | -68.34 | 2.64 | 14.90 | V |
| | 5640 | -54.59 | -13 | -41.59 | -66.45 | 2.94 | 14.80 | V |
| | 7524 | -52.65 | -13 | -39.65 | -62.42 | 3.39 | 13.16 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.