

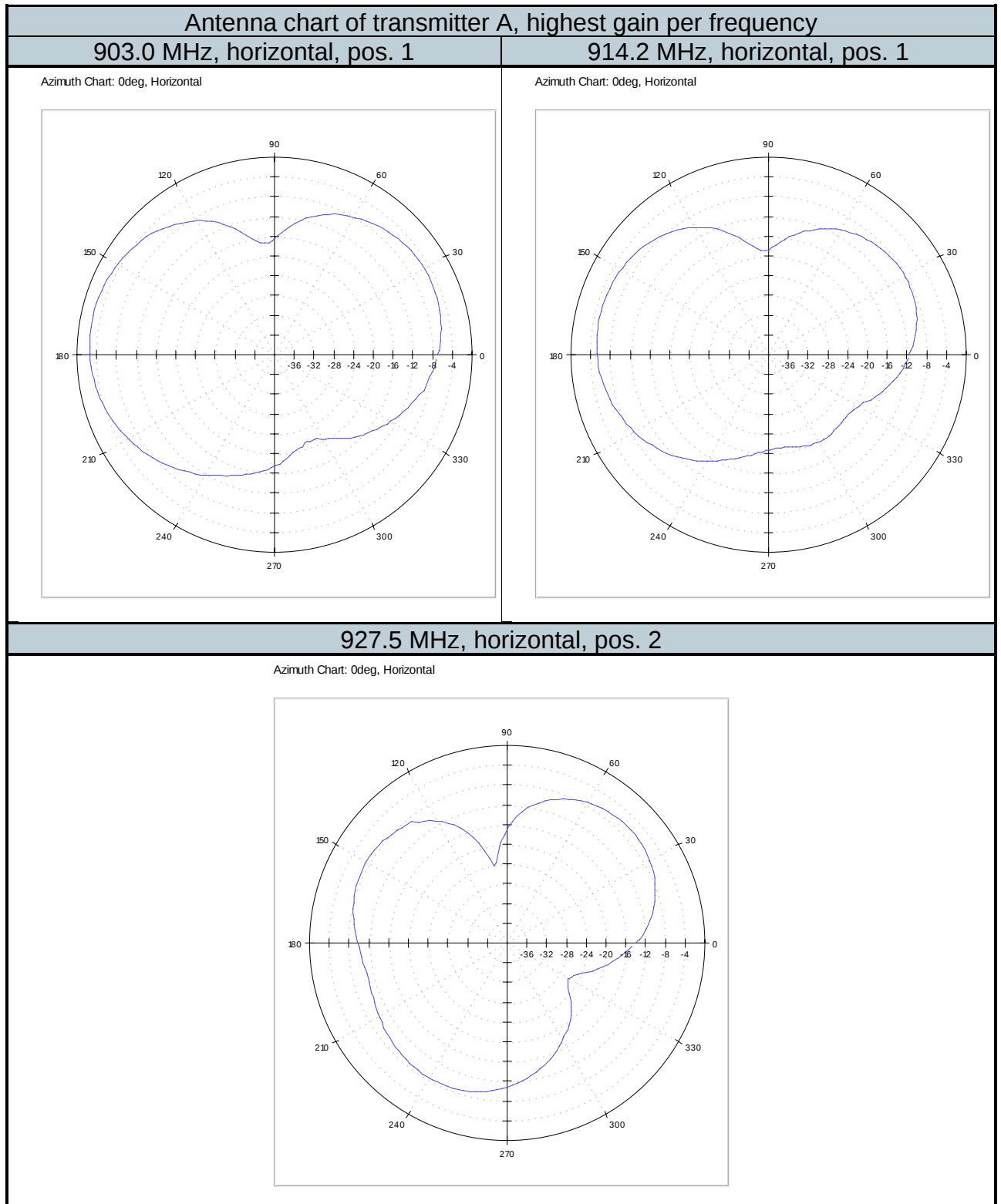
## Annex B Transmit antenna calculation

| Transmitter A            |                              |                |                |                |
|--------------------------|------------------------------|----------------|----------------|----------------|
|                          |                              | 903.0<br>[MHz] | 914.2<br>[MHz] | 927.5<br>[MHz] |
| Position of maximum gain | Conducted output power [dBm] | 14.6           | 14.4           | 14.3           |
|                          | Radiated ERP [dBm ERP]       | -2.4           | -5.0           | -6.1           |
|                          | Antenna Gain [dBd]           | -17.0          | -19.4          | -20.3          |
|                          | Azimuth                      | 172 °          | 170 °          | 45 °           |
| Position of maximum gain | Elevation                    | 0 ° (pos. 1)   | 0 ° (pos. 1)   | 90 ° (pos 2.)  |
|                          | Polarisation                 | Horizontal     | Horizontal     | Horizontal     |

| TransmitterB             |                              |                |                |                |
|--------------------------|------------------------------|----------------|----------------|----------------|
|                          |                              | 903.0<br>[MHz] | 914.2<br>[MHz] | 927.5<br>[MHz] |
| Position of maximum gain | Conducted output power [dBm] | 14.4           | 14.3           | 14.1           |
|                          | Radiated ERP [dBm ERP]       | 0.6            | -0.6           | -0.5           |
|                          | Antenna Gain [dBd]           | -13.8          | -14.9          | -14.6          |
|                          | Azimuth                      | 334 °          | 336 °          | 334 °          |
| Position of maximum gain | Elevation                    | 0 ° (pos. 1)   | 0 ° (pos. 1)   | 0 ° (pos. 1)   |
|                          | Polarisation                 | Horizontal     | Horizontal     | Horizontal     |

## Annex B Transmit antenna calculation

### Azimuth charts of transmitter A



## Annex B Transmit antenna calculation

### Azimuth charts of transmitter B

