## Sphesihle FM Proposed FM Transmission Details

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| **2 TECHNICAL INFORMATION** | | |
| 2.1 | Transmitter Site | Hankey |
| 2.2 | Signal distributor | Sphesihle FM |
| 2.3 | Frequency Applied for | 98.5 MHz |
| 2.4 | Geographical co-ordinates (degrees, minutes, seconds) | 33 49' 51" S 24 52' 12" E |
| 2.5 | Physical Address | Hankey Reservoir |
| 2.6 | Site Height above sea level | 71m |
| 2.7 | Mid antenna height above ground level | 8m |
| 2.8 | Maximum Effective antenna height | 10m |
| 2.9 | Designation of emission | 300KF8EHN |
| 2.10 | Frequency Stability | +/-0.002 kHz (2 parts per million) |
| 2.11 | Spurious Emission Level | ≤ -75dBc |
| 2.12 | Maximum Deviation | 75 kHz |
| 2.13 | Maximum effective Radiated Power (ERP) | 0.2kW |
| 2.14 | Antenna Horizontal radiation pattern | Omni-directional |
| 2.15 | Antenna polarisation | Vertical |
| 2.16 | Programme Source | STL |
| 2.17 | RDS Service | Yes |
| 2.18 | SST Service | None |
| 2.19 | Period |  |
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