

Transmit power is set using the “TX Power (Custom) box” in the Netspan management software. The management software limits the maximum power to 36 dBm, but allows lower levels to be set by the operator.

An example Netspan SCRT screenshot is shown below

The screenshot displays the Netspan SCRT interface for "BS TRx Channel Management (16d)". The interface includes a navigation menu on the left with categories like "Main", "Configuration Management", "Software Management", "Fault Management", "Performance Management", "BS Profiles", "Service Profiles", and "Server". The main content area is divided into sections for "Location", "Downlink Channel", and "Uplink Channel".

**Location:** Auto Discovery Region, Auto Discovery Site [Lat: 51.549351 Long: -0.484444], Shelf AUTO: 00:50:C2:3F:F9:72 [AUTO: 00:50:C2:3F:F9:72], Harrow [172030.000170] (HiperMAX running 16d Fixed), Channel: 172030.000170 [172030.000170].

**Downlink Channel:**

- Tx Diversity (Custom): STC Mode 1
- Licensed Band: Licensed
- Frequency: 701000 kHz
- EIRP: 30 dBm
- Transmitter State (Custom): Enabled
- Tx Power (Custom): 30.00 dBm (Achieved: 30.00 dBm)

**Uplink Channel:**

- Rx Diversity (Custom): MRC
- Frequency: 701000 kHz
- Initial Ranging Max EIRxP: -80 dBm
- Rx Level Set Point (Custom): -72.00 dBm
- Periodic Ranging Set Point Spread (Custom): 1.50 dB
- Initial Ranging Set Point Spread (Custom): 12.00 dB
- Rx Gain RF (Custom): 130.00 dB (Achieved: 130.00 dB)

At the bottom left, there is a "Network" status table:

Network	11:18:45
Services	8 0 0
Alarms	181 92 89
BS TRxs (16d)	2 2 0
BS TRxs (16e)	28 12 17
Channels (16d)	2 2 0
Channels (16e)	29 29 0
SSs	200 23 177
BSCs	0 0 0

Buttons at the bottom include "Close", "Reload Page", "Update from BS TRx", "Last Updated 26/04/2010 11:17:39", and "Help".