

GSM 1800 – MULTIPLEXER UNIT

Basis modul:

BN 5733CS-5

Consisting of:

1 pcs. Multiplexer (BN B08554)

Connectors:

7-16 female (50 Ohms)

Frequency range:

Port 3 1758.1 – 1780.5 / 1853.1 – 1875.5 MHz (E-Plus)

Port 4 1730.1 – 1752.5 / 1825.1 – 1847.5 MHz (O2)

Port identification according to front-panel inscription.

Insertion loss:

Port 3 or 4 → Port 6 ≤ 2.0 dB

Isolation:

Port 3 ↔ Port 4 ≥ 30 dB

VSWR:

≤ 1.2

Test voltage:

2.2 kV

Power rating:

50 W CW max per input

IM – value:

3rd order @ 2 x 20 W ≥ 160 dBc

Degree of protection:

IP 20

Temperature range:

-5°C - +55°C

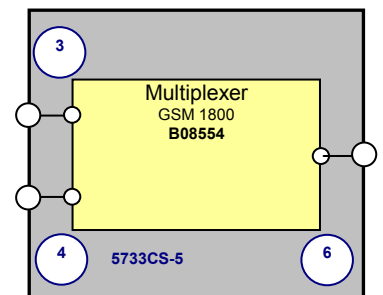
Appendix:

Dimensions
Measurements for

VSWR
Insertion loss
Isolation

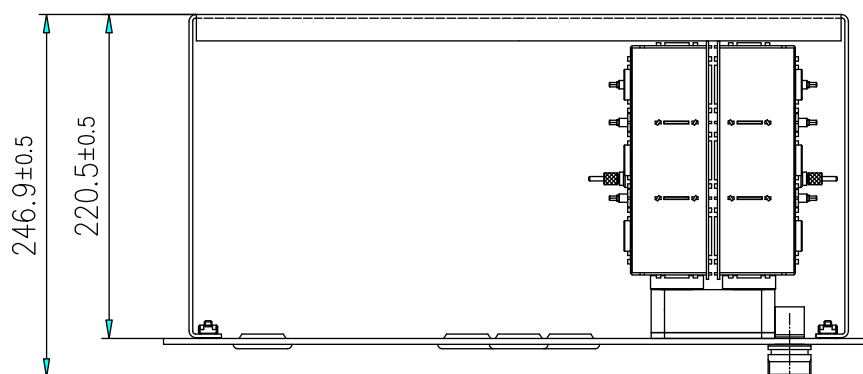
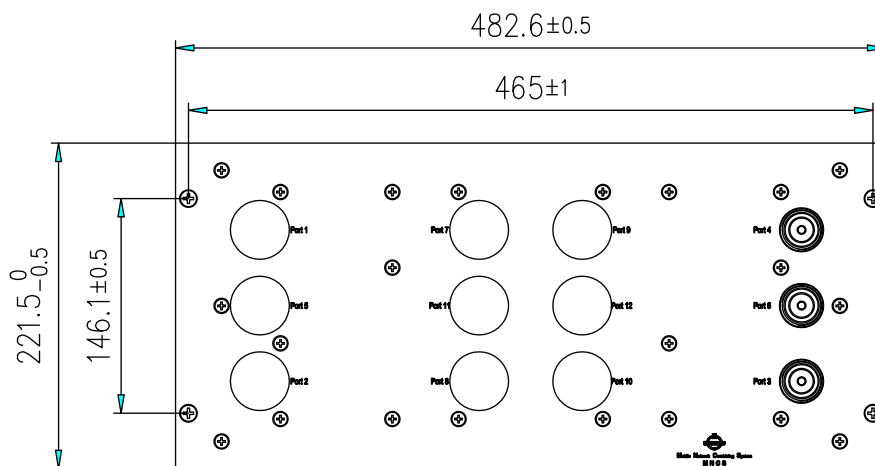


not binding

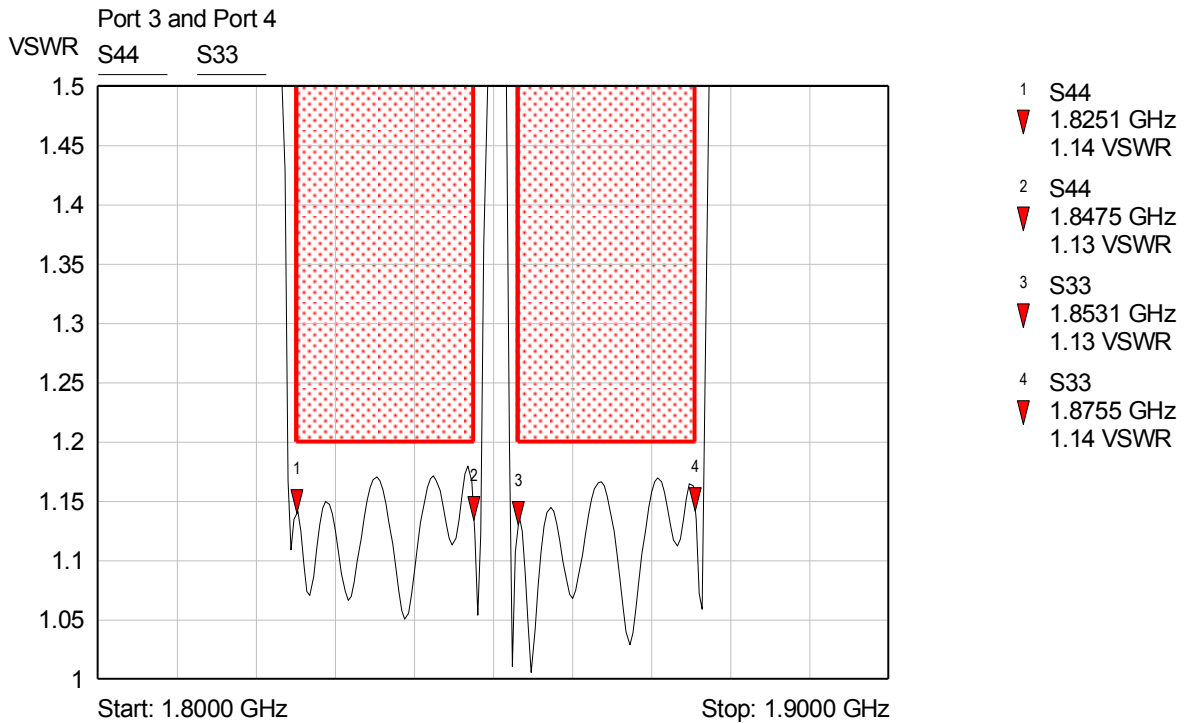


Block Diagram

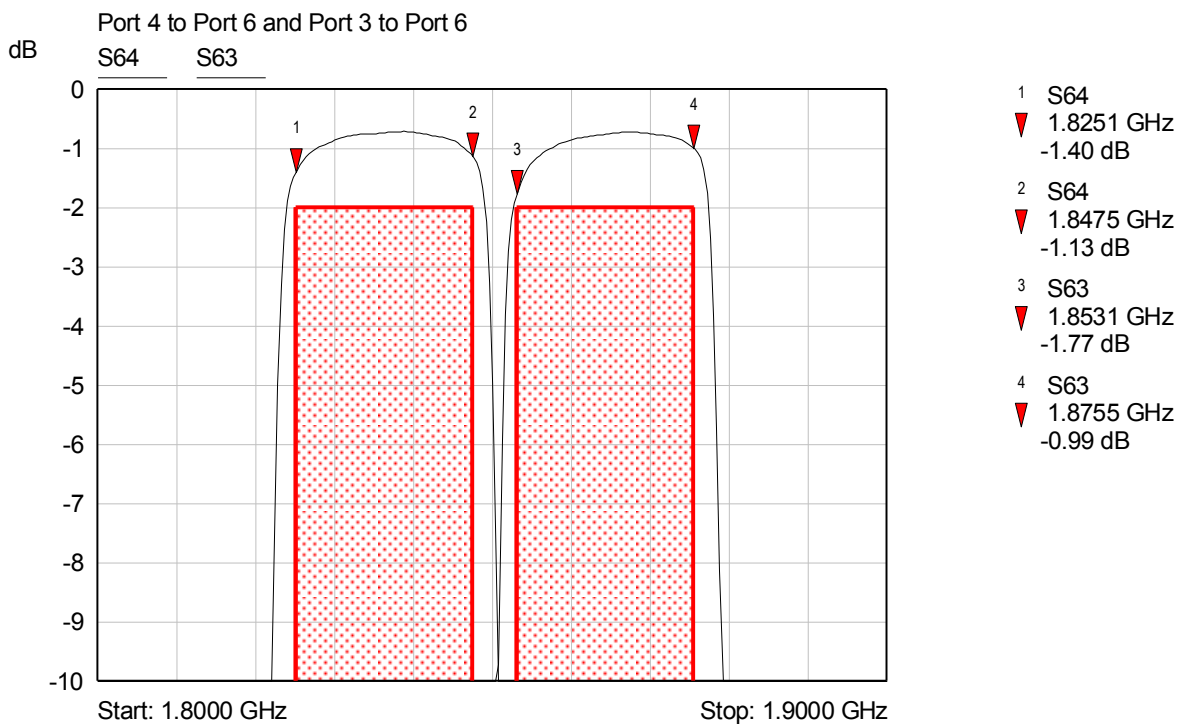
Dimensions:

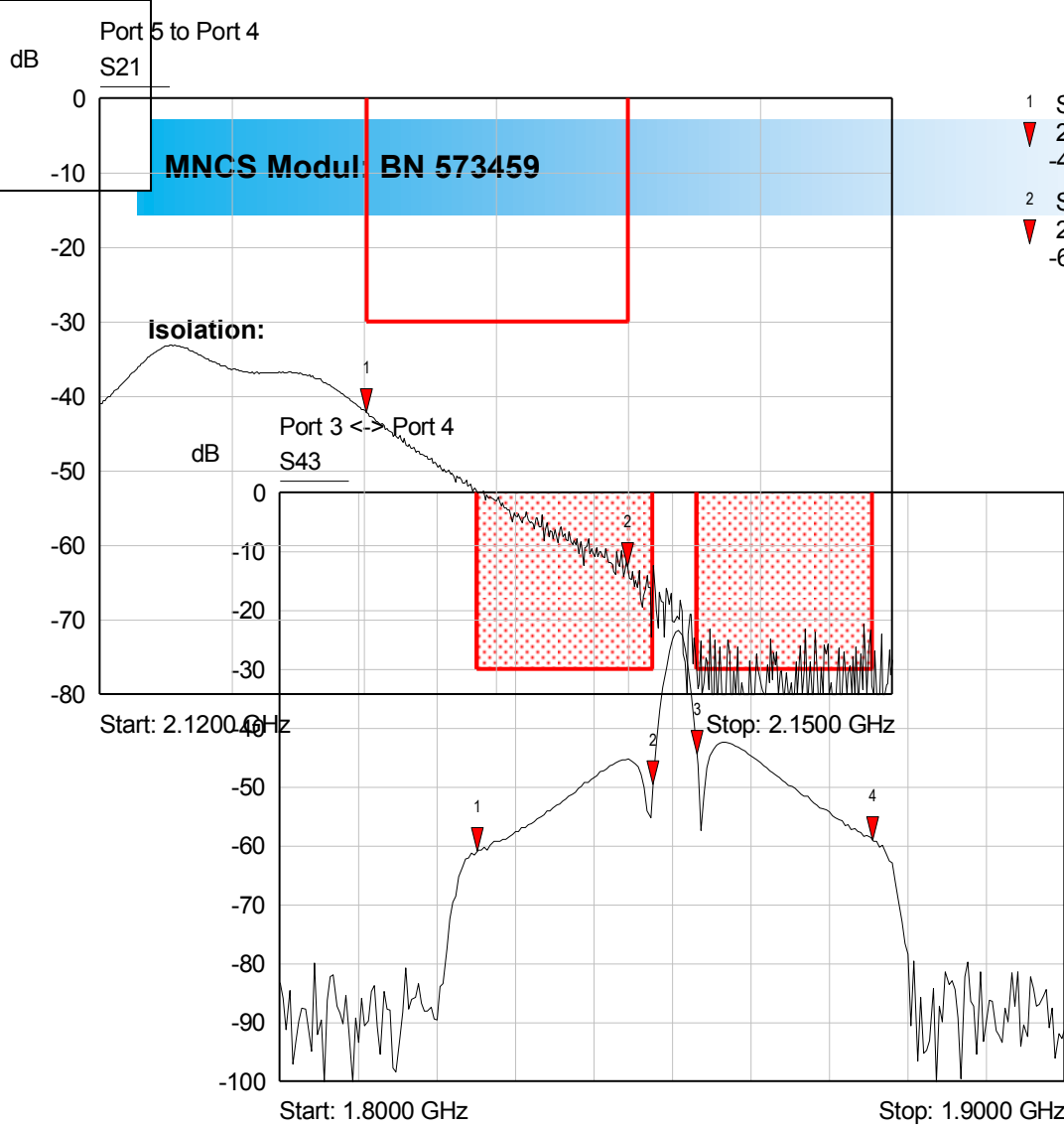


VSWR:



Insertion loss:





- 1 S21
▼ 2.1301 GHz
-42.14 dB
- 2 S21
▼ 2.1400 GHz
-62.82 dB

- 1 S43
▼ 1.8251 GHz
-60.92 dB
- 2 S43
▼ 1.8475 GHz
-49.38 dB
- 3 S43
▼ 1.8531 GHz
-44.35 dB
- 4 S43
▼ 1.8755 GHz
-59.02 dB