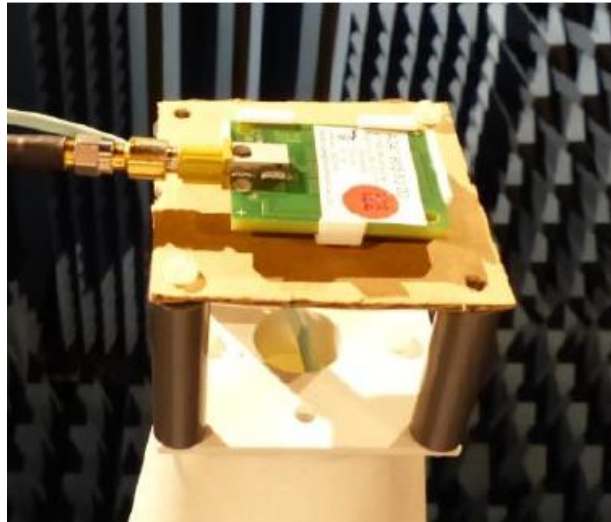


Bluetooth and WLAN Antenna information



The gain values are at the technically possible maximum, in the 2.45 GHz band 2 and 3 dBi and in the 6 GHz band between 1.5 dBi and 4.5 dBi at the end of the band

The effective Antenna gain is calculated by antenna gain + cable/connector attenuation.

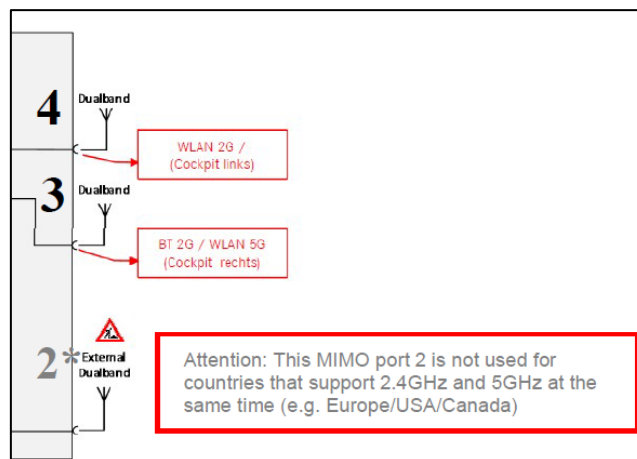
For calculation of EIRP value please consider this effective antenna gain:

Port 3: 1.8 dBi (Bluetooth)

Port 3: 2.5 dBi (WLAN 5GHz)

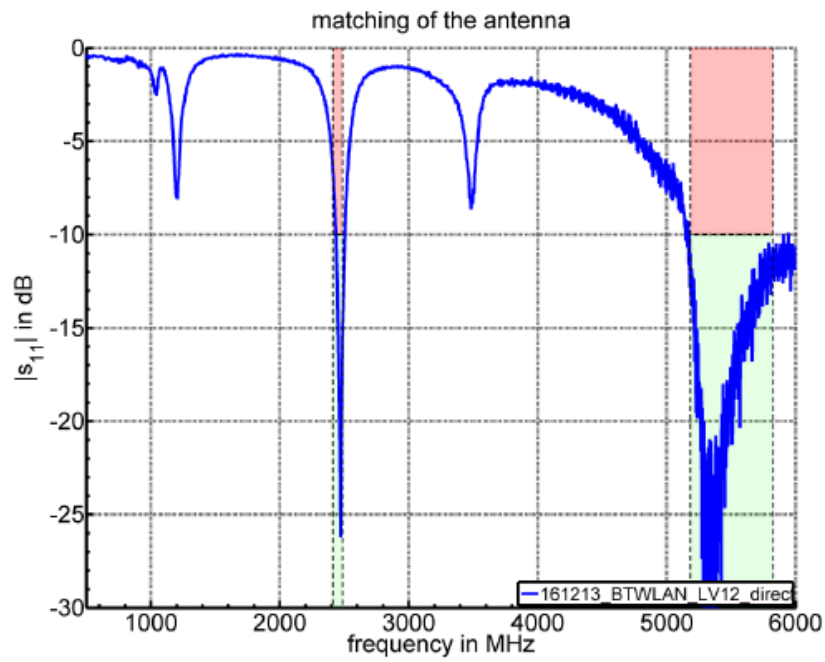
Port 4: 2.4 dBi (WLAN 2.4GHz)

The NTG7Q unit has 3 antenna connectors (RF-Port 2/3/4) to connect dedicated antennas – but for Europe/North America only two antenna ports are used (only ports 3 and 4).

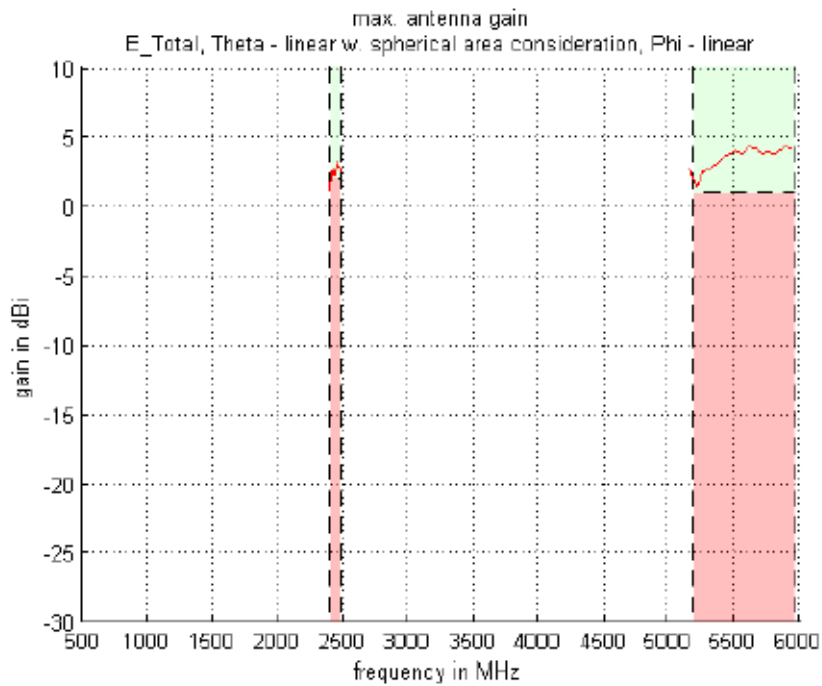


Measurement results (performed by HIRSCHMANN, on 14.12.2016, ID report "A247 905 83 00")

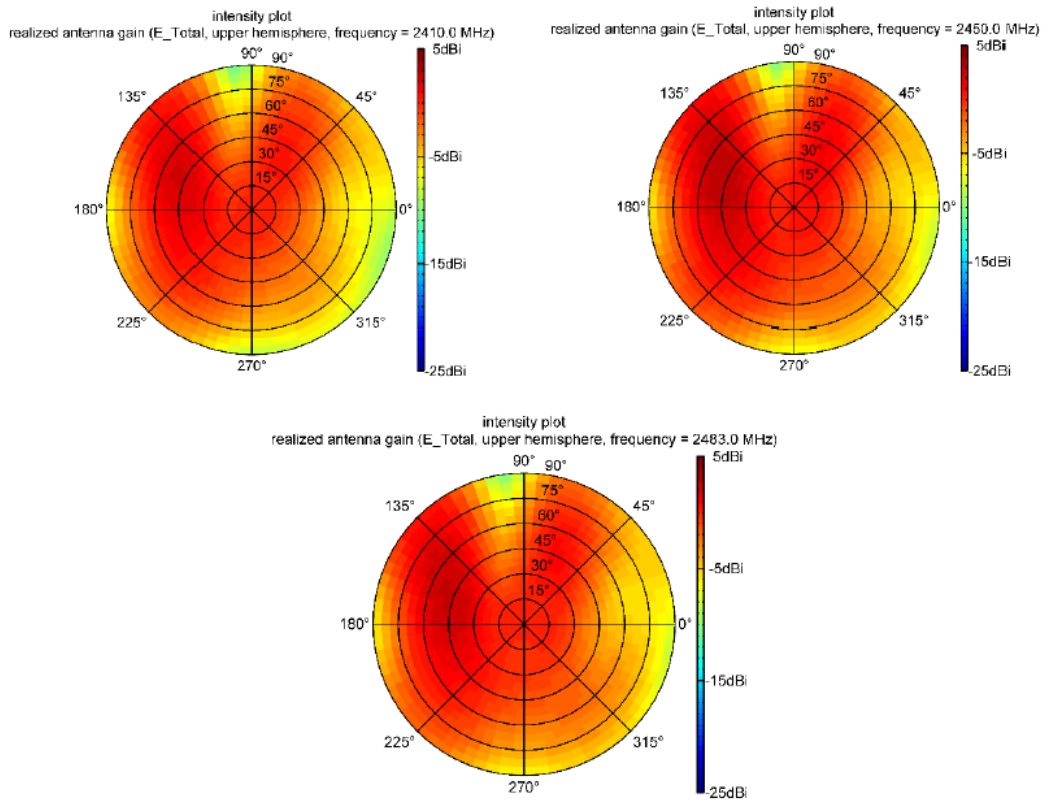
Adjustment of the antenna:



Antenna gain:



Radiation patterns (2.4 GHz):



Radiation patterns (5.5 GHz):

