

453564271931 Antenna Specification



The 453564271931 antenna combines three PCB antennas on one base PCB. The two identical 2.4 GHz / 5 GHz dual band antennas are meant to be used with WLAN or 2.4 GHz IIT radios. The single 1.4 GHz antenna is meant to be uses with 1.4 GHz IIT radios.

Specifications

Partnumber	453564271931 rev. 1213
Manufacturer	Philips
Type	Internal PCB antenna
Gain 2.4GHz / 5GHz dual band antennas	-0.3 dBi @ 2400 MHz 1.2 dBi @ 2450 MHz 0.6 dBi @ 2480 MHz 4.5 dBi @ 5200 MHz 3.8 dBi @ 5300 MHz 1.6 dBi @ 5600 MHz 1.4 dBi @ 5800 MHz
Gain 1.4GHz antenna	-2.4 dBi @ 1400 MHz
Nominal impedance	50 Ohm
Connector	U.FL (male)
Size	60 mm x 50 mm x 12.5 mm



Philips Medizin Systeme Böblingen GmbH

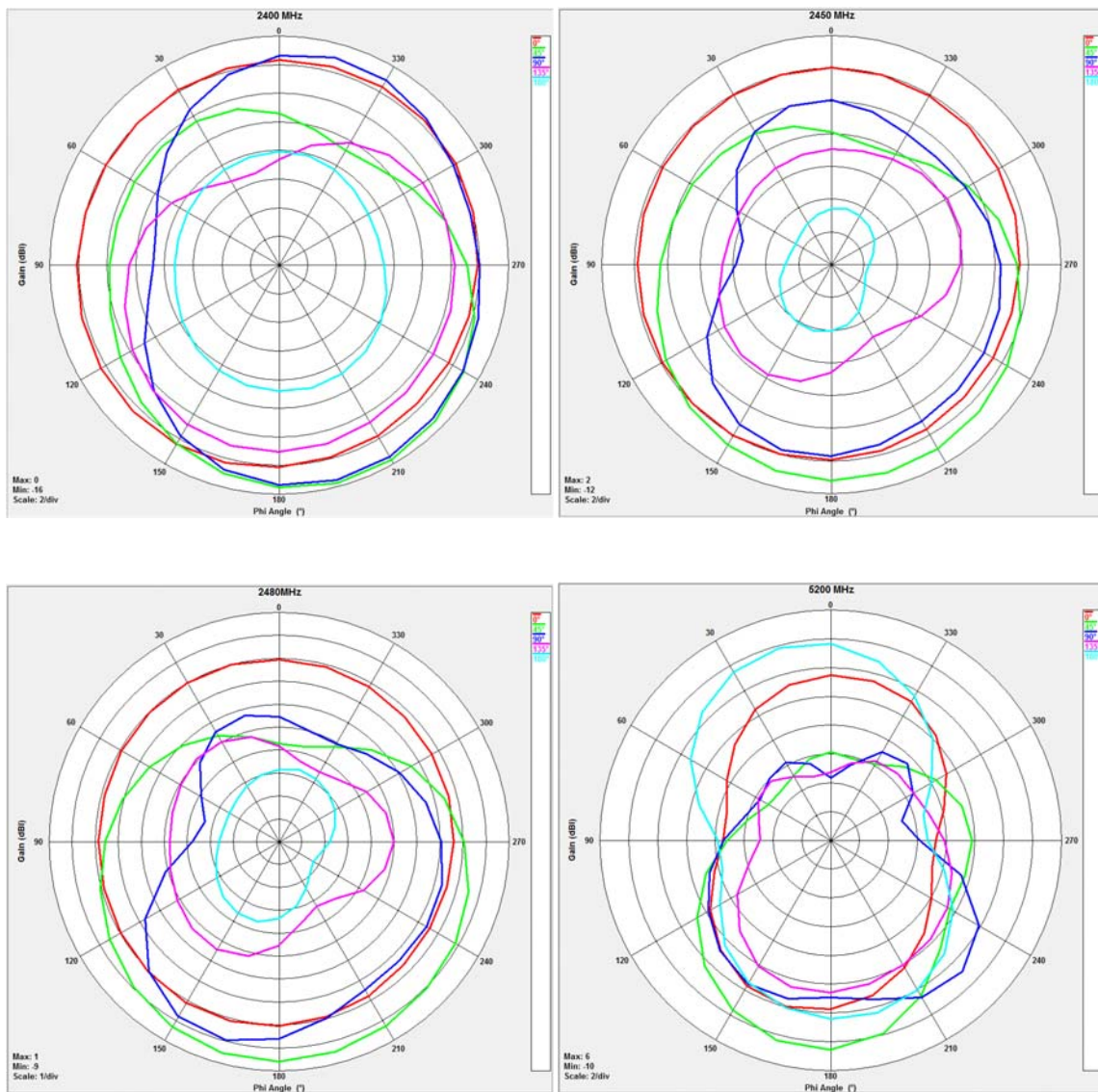
Hewlett-Packard-Strasse 2, 71034 Böblingen, Germany, Telefon +49(0)7031 463-0, Telefax +49(0)7031 463-2202

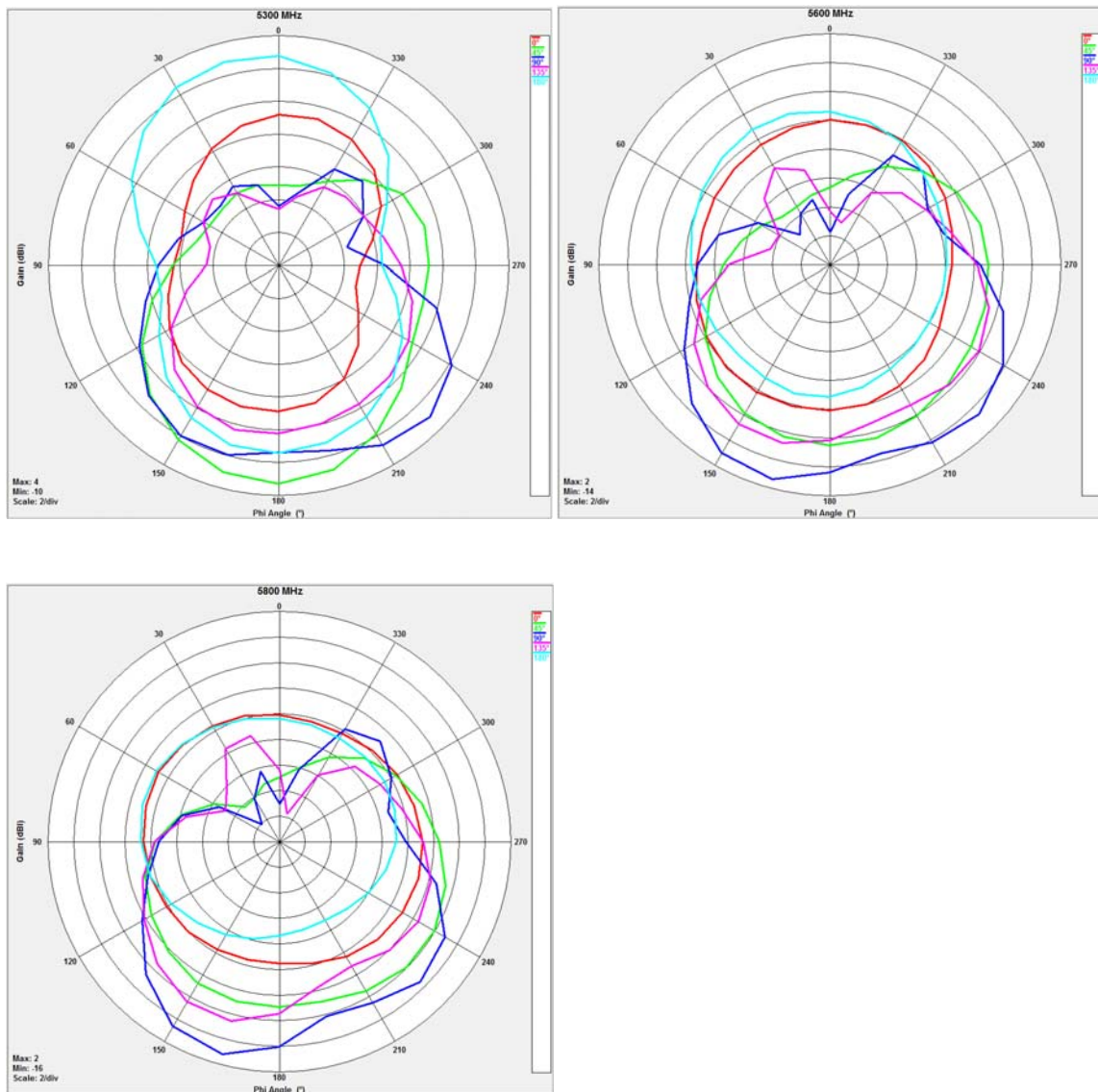
Geschäftsführer: Dr. Dieter Haase (Sprecher), Dr. Felix Baader, Klaus Baumann

Registergericht Stuttgart Reg.-Nr. HRB 245187, Sitz der Gesellschaft: Böblingen

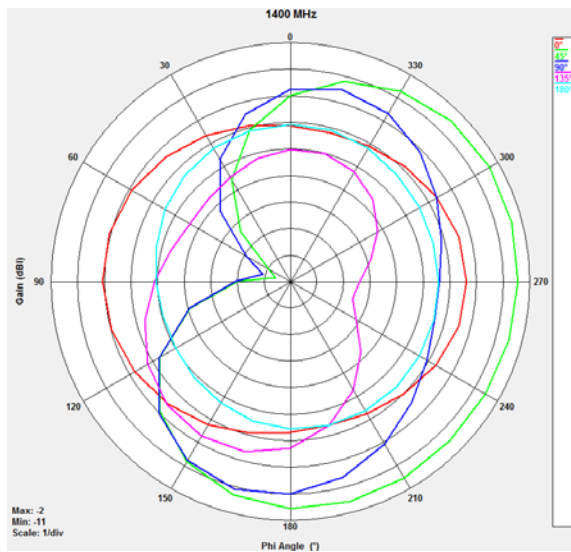
www.philips.com/healthcare

Radiation Pattern 2.4GHz / 5GHz Antennas



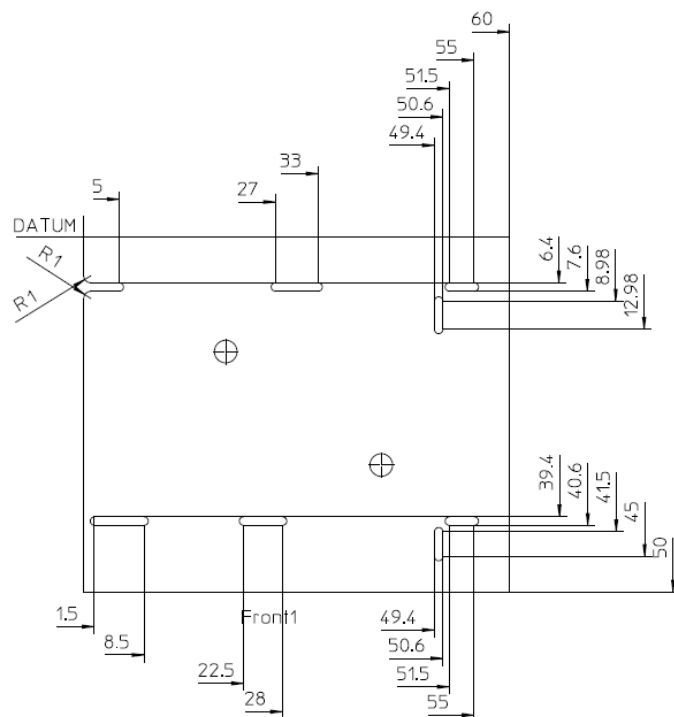


Radiation Pattern 1.4 GHz Antenna



Technical Drawing

Base Board



Antenna Stripes

