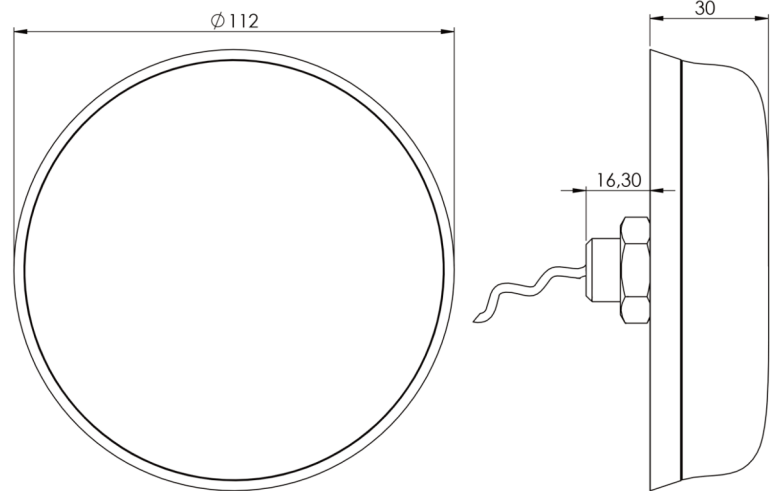


# Antenna 101043



## LTE-MIMO antenna with GPS/WLAN



### Specifications

	GSM / UMTS	GPS	WLAN
Frequency Range	850/900/1800/1900 MHz + UMTS + LTE Band 7,13,20 (4G) inkl. LTE Band: 1,2,3,4,5,8,25,26	1574,42 - 1609 MHz	2408 - 2480 MHz 5150 - 5850 MHz
VSWR*	< 2,0 typ	1,5 typ.	< 2.0 typ.
Peak Gain*	+3 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +1 dBi typ. (2100 MHz/UMTS)	25 dB typ.	+4 dBi typ. (2400 MHz) +1 dBi typ. (5300 MHz)
Power max.	10 W	10 W	10 W
Diagnostic resistor	10 kΩ (others on request)		
Power Supply		3V to 5V; 11,5 mA typ.	
VDD max.		+6 VDC	
Input Power max.		-15 dBm	
Current max.		13mA	

\* Measured with 0.6m cable on 30x30cm ground plane

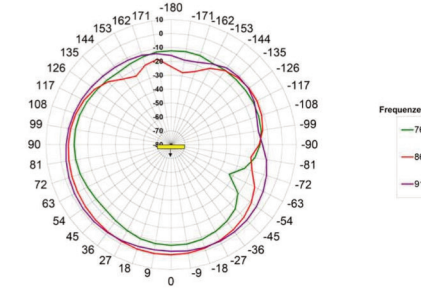
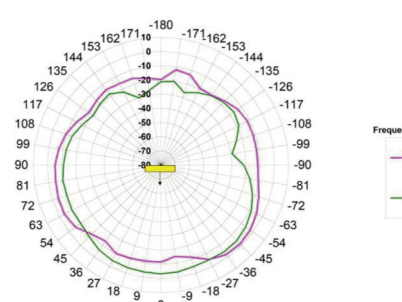
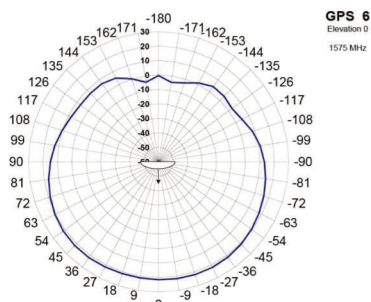
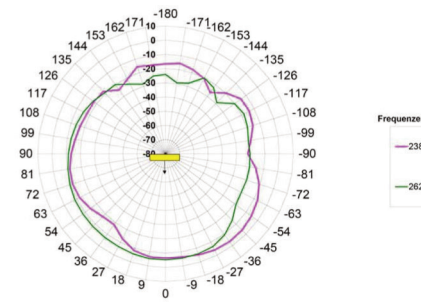
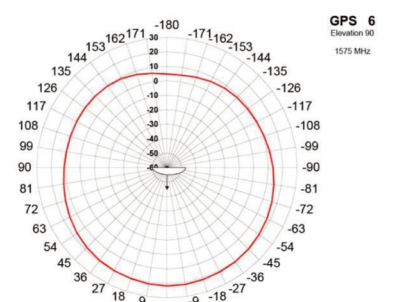
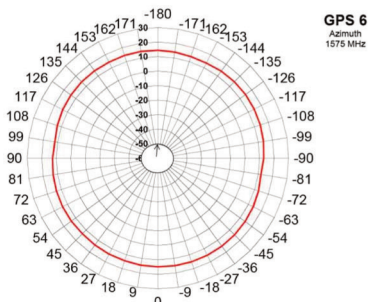
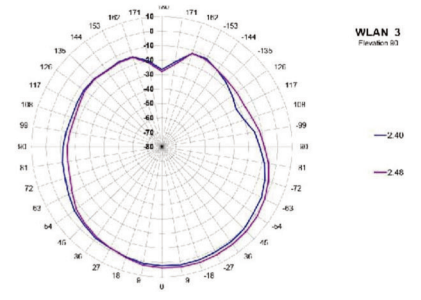
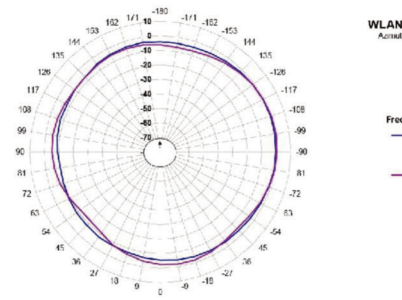
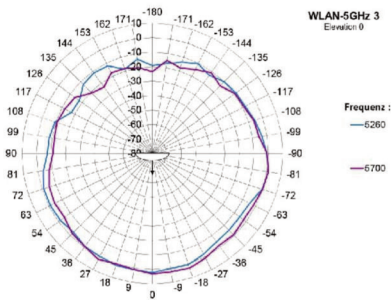
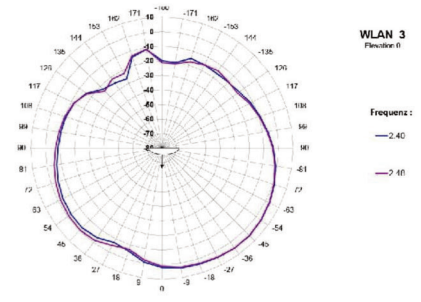
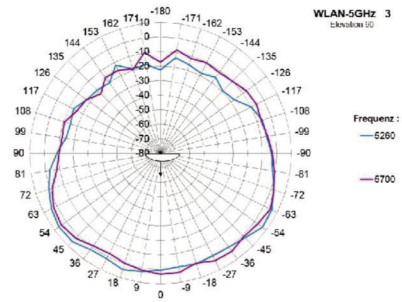
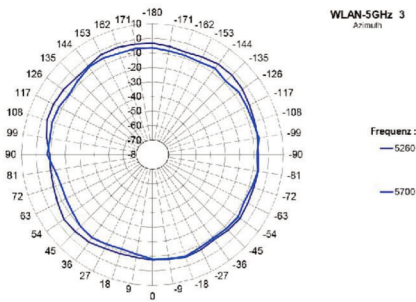
### Mechanical Data

Dimensions (ØxH)	approx. 112 mm x 30 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	approx. 3m cable RG174 lowloss with 5x SMA (male) (1x GPS, 2x LTE, 2x WLAN)

# Antenna 101043



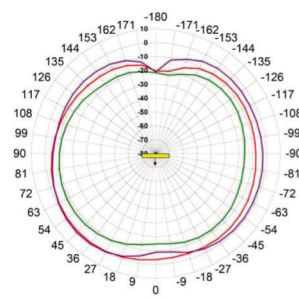
## LTE-MIMO antenna with GPS/WLAN



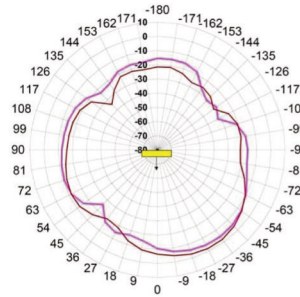
# Antenna 101043



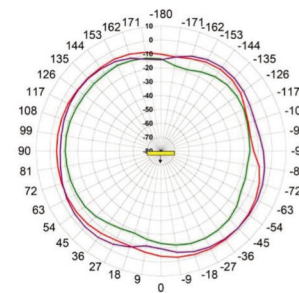
## LTE-MIMO antenna with GPS/WLAN



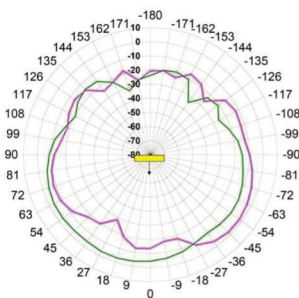
Frequenzen:  
— 760  
— 860  
— 910



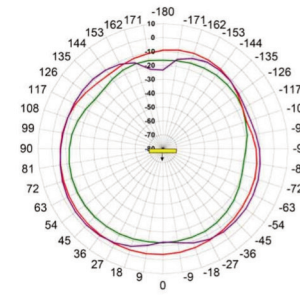
Frequenzen:  
— 2380  
— 2700



Frequenzen:  
— 760  
— 860  
— 910



Frequenzen:  
— 2350  
— 2600



Frequenzen:  
— 760  
— 860  
— 910