

920287B antenna variants significant differences

Differences

- Most significant difference is the shape of each backscreen variant
- Location of the antenna connection varies slightly



Ant_01

already certified antenna

Antenna connection



Ant_02

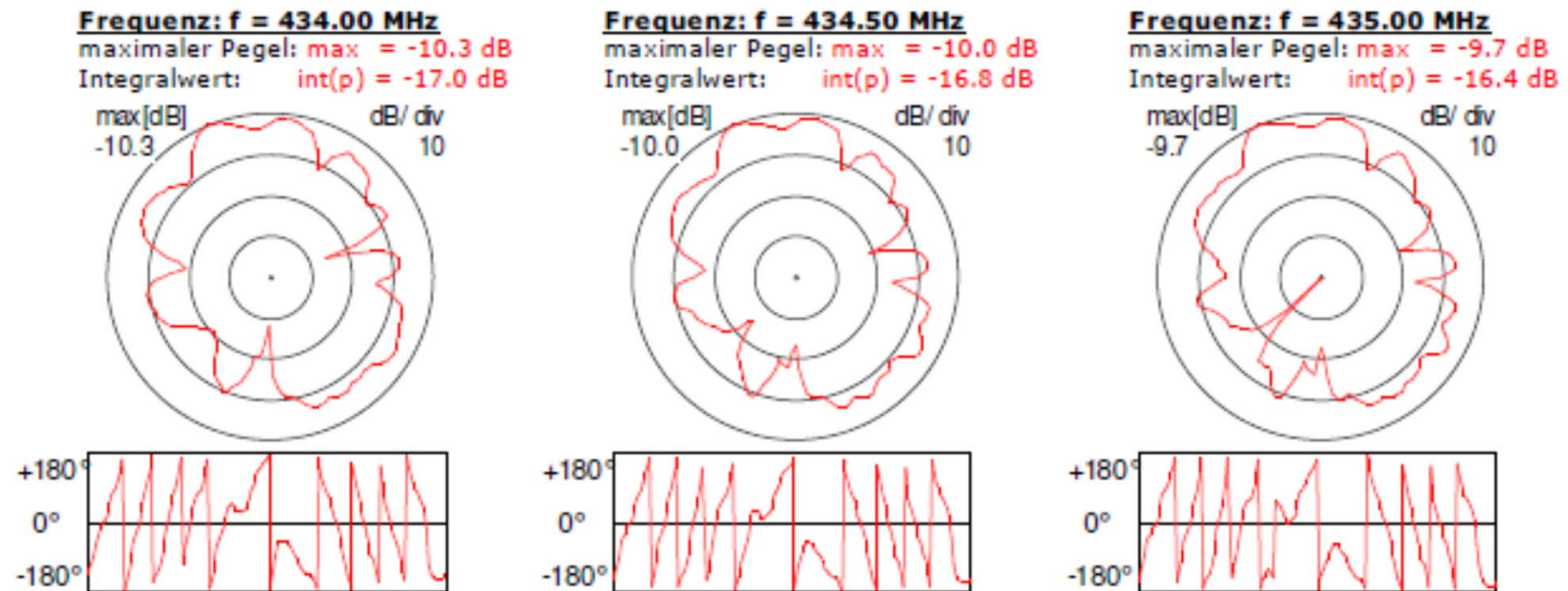
to be certified



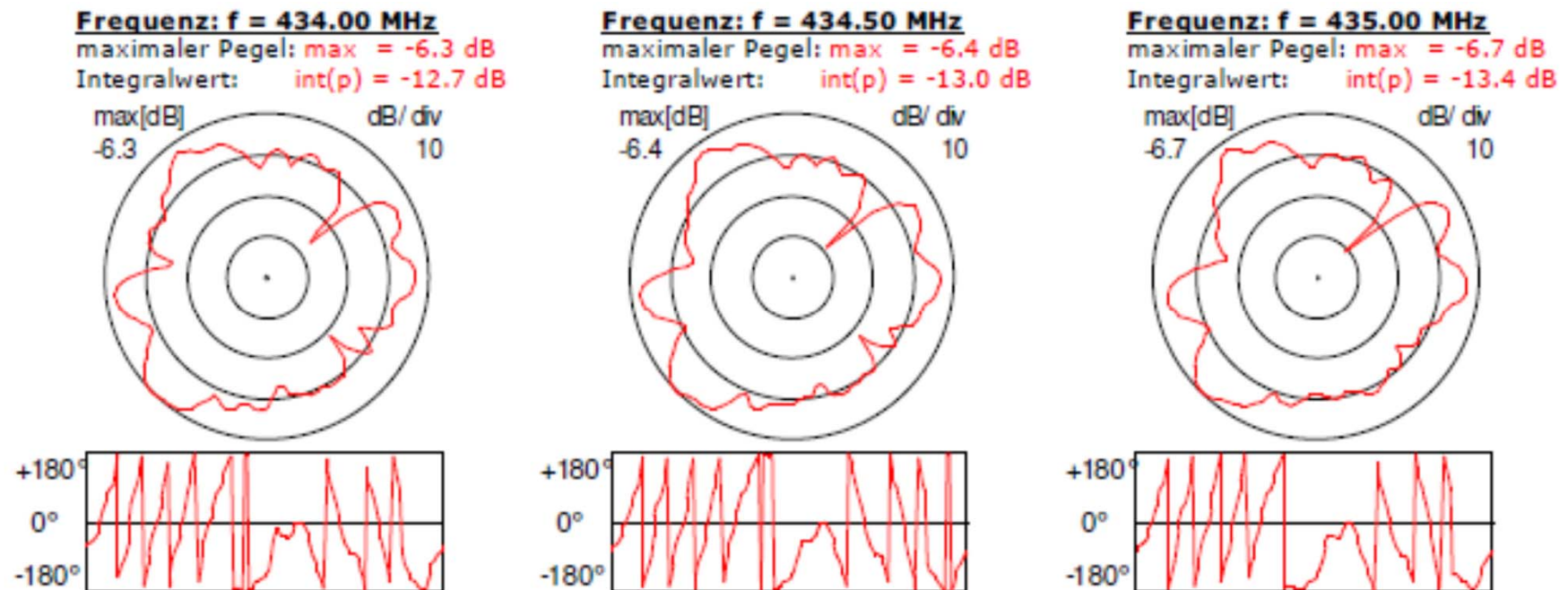
Ant_03

to be certified

Antenna diagram 433 MHz horizontal polarisation Ant_01 [dBi]



Antenna diagram 433 MHz vertical polarisation Ant_01 [dBi]

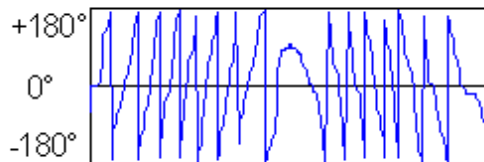
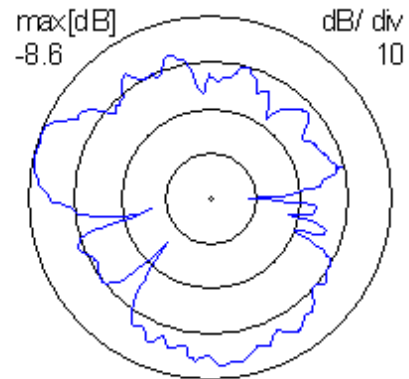


Antenna diagram 433 MHz horizontal polarisation Ant_02 [dBi]

Frequenz: f = 433.50 MHz

maximaler Pegel: $max = -8.6 \text{ dB}$

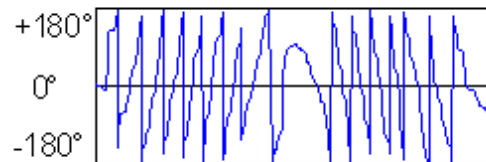
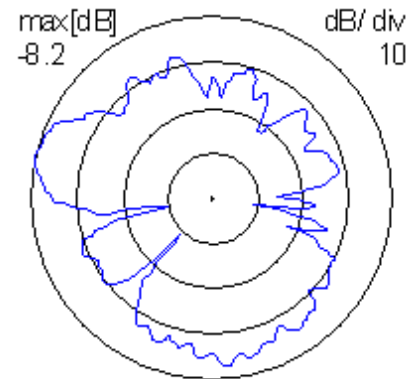
Integralwert: $int(p) = -16.3 \text{ dB}$



Frequenz: f = 434.00 MHz

maximaler Pegel: $max = -8.2 \text{ dB}$

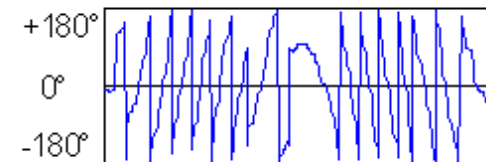
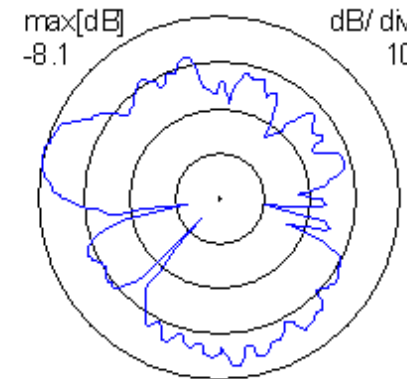
Integralwert: $int(p) = -16.2 \text{ dB}$



Frequenz: f = 434.50 MHz

maximaler Pegel: $max = -8.1 \text{ dB}$

Integralwert: $int(p) = -16.3 \text{ dB}$



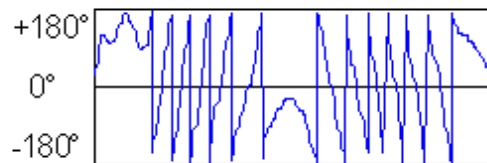
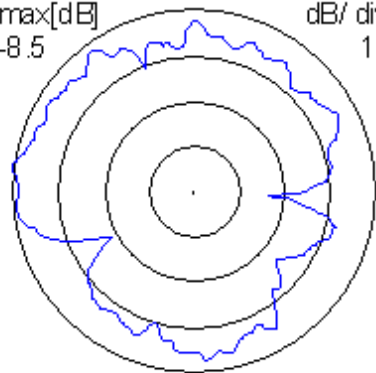
Antenna diagram 433 MHz vertical polarisation Ant_02 [dBi]

Frequenz: f = 433.50 MHz

maximaler Pegel: max = -8.5 dB

Integralwert: int(p) = -14.3 dB

max[dB] dB/ div
-8.5 10

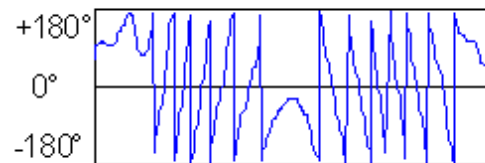
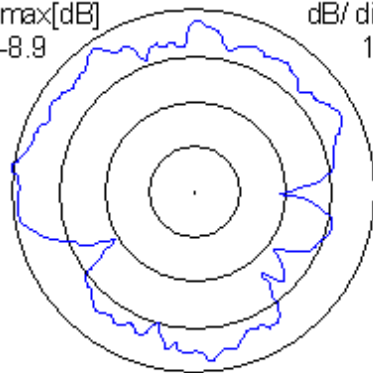


Frequenz: f = 434.00 MHz

maximaler Pegel: max = -8.9 dB

Integralwert: int(p) = -14.6 dB

max[dB] dB/ div
-8.9 10

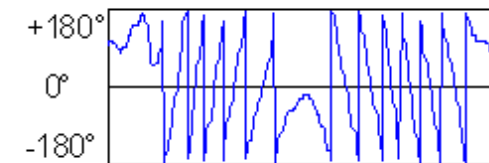
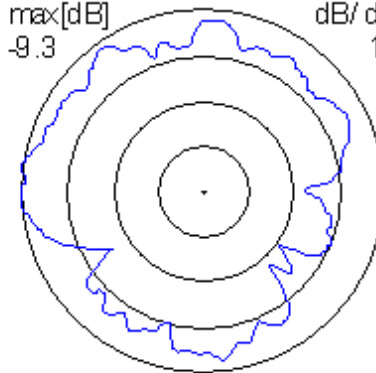


Frequenz: f = 434.50 MHz

maximaler Pegel: max = -9.3 dB

Integralwert: int(p) = -14.8 dB

max[dB] dB/ div
-9.3 10



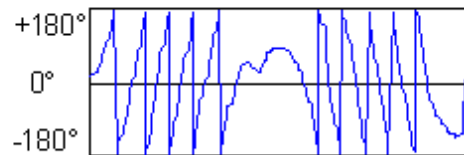
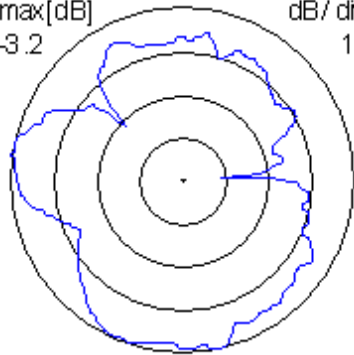
Antenna diagram 433 MHz horizontal polarisation Ant_03 [dBi]

Frequenz: f = 433.50 MHz

maximaler Pegel: max = -3.2 dB

Integralwert: int(p) = -8.5 dB

max[dB] dB/div
-3.2 10

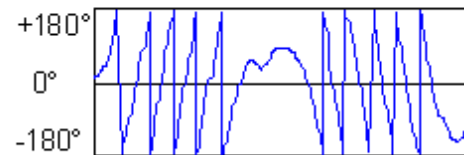
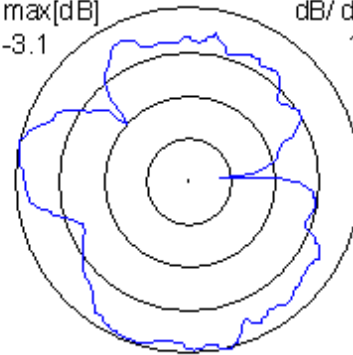


Frequenz: f = 434.00 MHz

maximaler Pegel: max = -3.1 dB

Integralwert: int(p) = -8.5 dB

max[dB] dB/div
-3.1 10

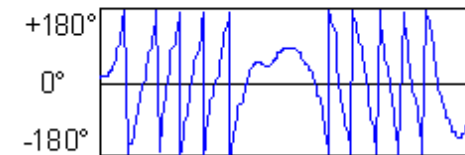
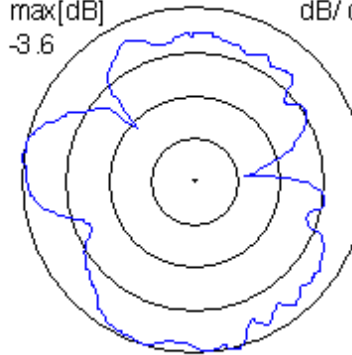


Frequenz: f = 434.50 MHz

maximaler Pegel: max = -3.6 dB

Integralwert: int(p) = -8.6 dB

max[dB] dB/div
-3.6 10

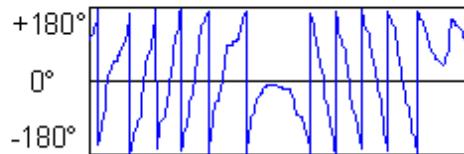
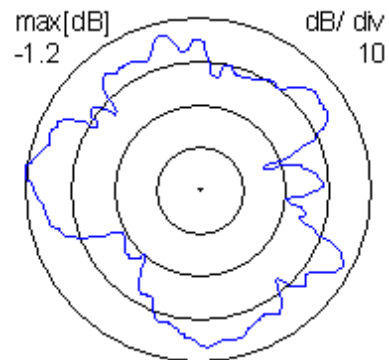


Antenna diagram 433 MHz vertical polarisation Ant_03 [dBi]

Frequenz: f = 433.50 MHz

maximaler Pegel: max = -1.2 dB

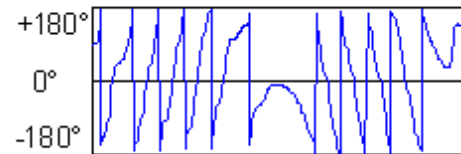
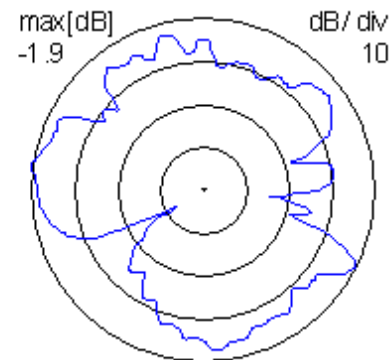
Integralwert: int(p) = -8.1 dB



Frequenz: f = 434.00 MHz

maximaler Pegel: max = -1.9 dB

Integralwert: int(p) = -8.1 dB



Frequenz: f = 434.50 MHz

maximaler Pegel: max = -2.5 dB

Integralwert: int(p) = -8.1 dB

