

SM-3P Antenna Diagram

Manufacturer: GN Hearing A/S

Device Type : SM-3P # 21925600

Antenna type: Patch antenna

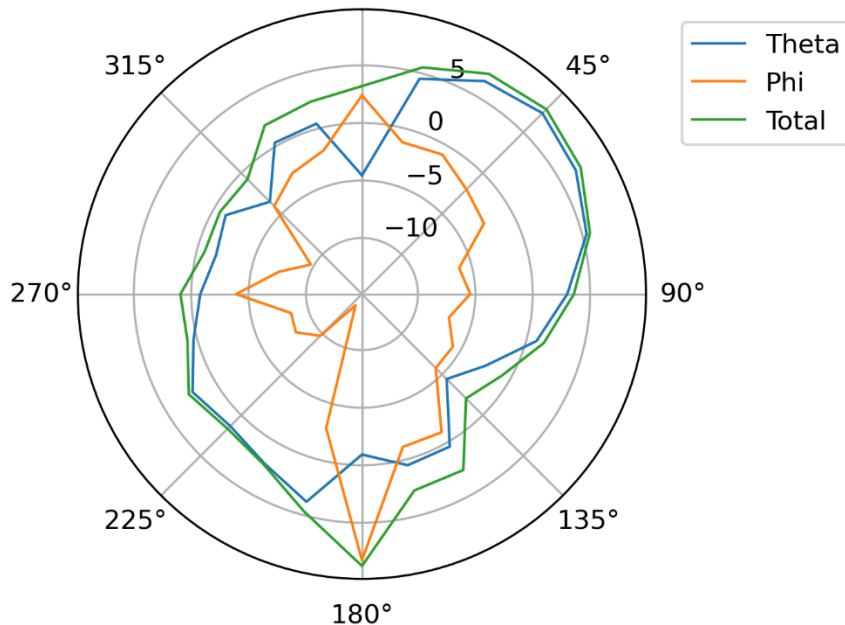
Max. antenna gain: 3 dBi

Frequency range 2402 – 2480 MHz

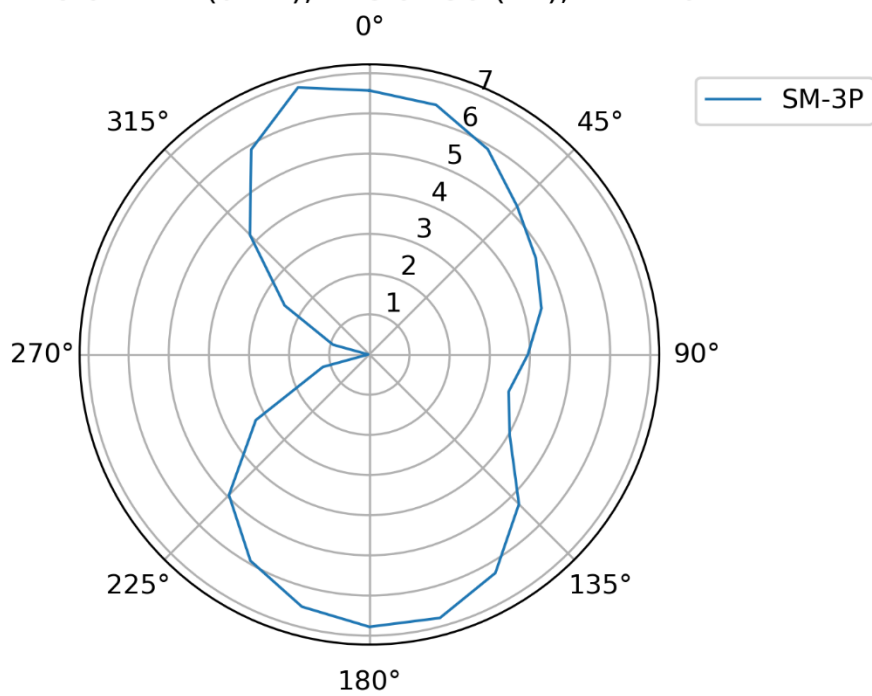
Antenna construction: Integral antenna

Antenna Diagram

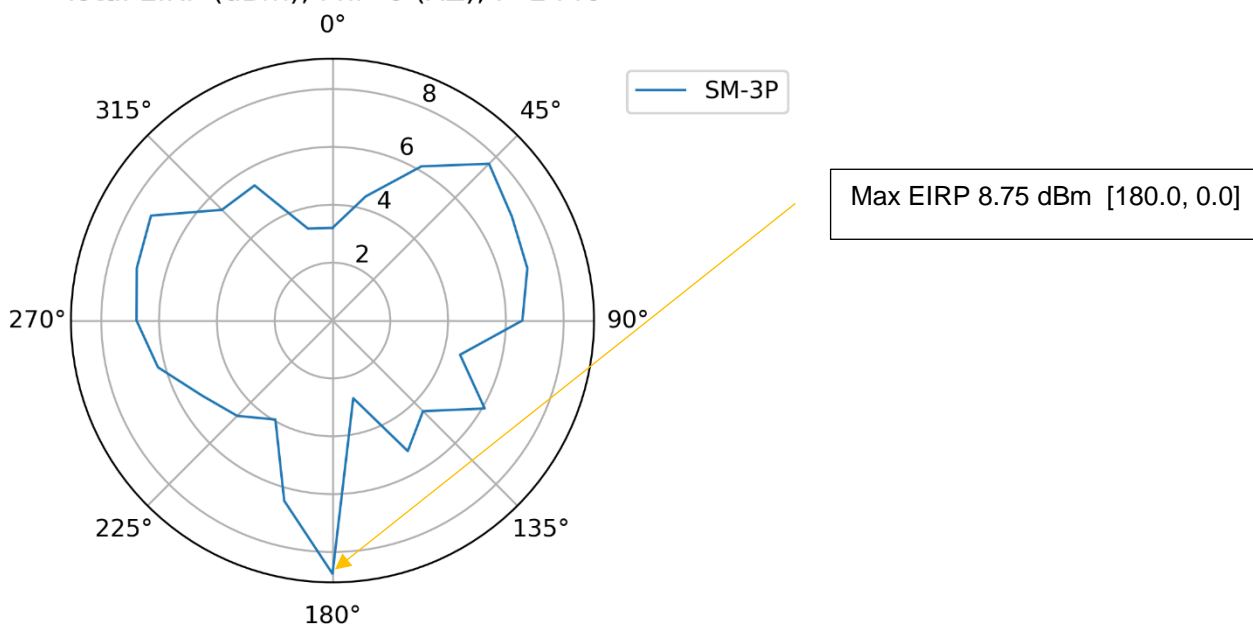
Total EIRP (dBm), Phi=105 (XZ), f=2440
0°



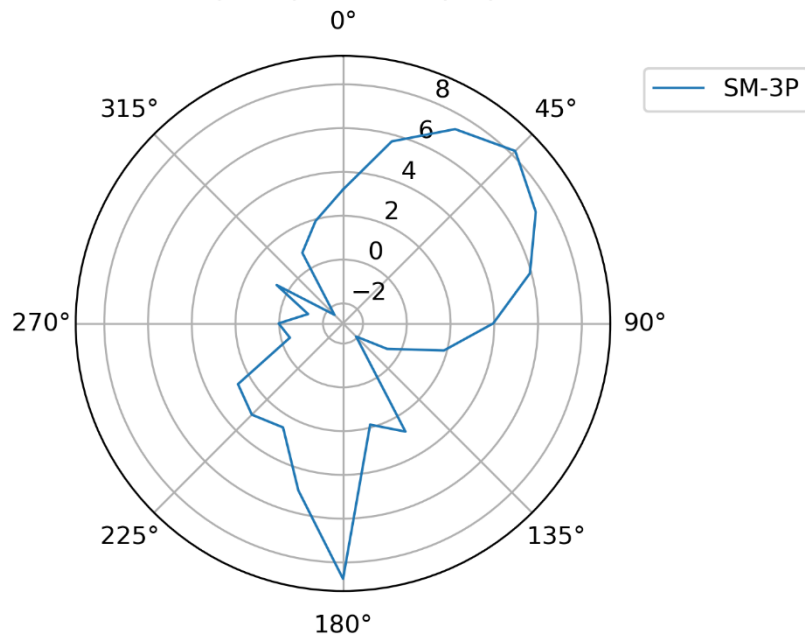
Total EIRP (dBm), Theta=90 (XY), f=2440



Total EIRP (dBm), Phi=0 (XZ), f=2440



Total EIRP (dBm), Phi=90 (YZ), f=2440



f [MHz]	Max EIRP (dBm)	Max EIRP Angle (Theta, Phi)
2402	6.73	[45.0, 30.0]
2440	8.75	[180.0, 0.0]
2480	8.00	[45.0, 90.0]

Considering that the measured input power to the Antenna is 5.75 dBm and the maximum measured EIRP is 8.75 dBm at 2440 MHz, then, the maximum antenna gain is 3 dBi.