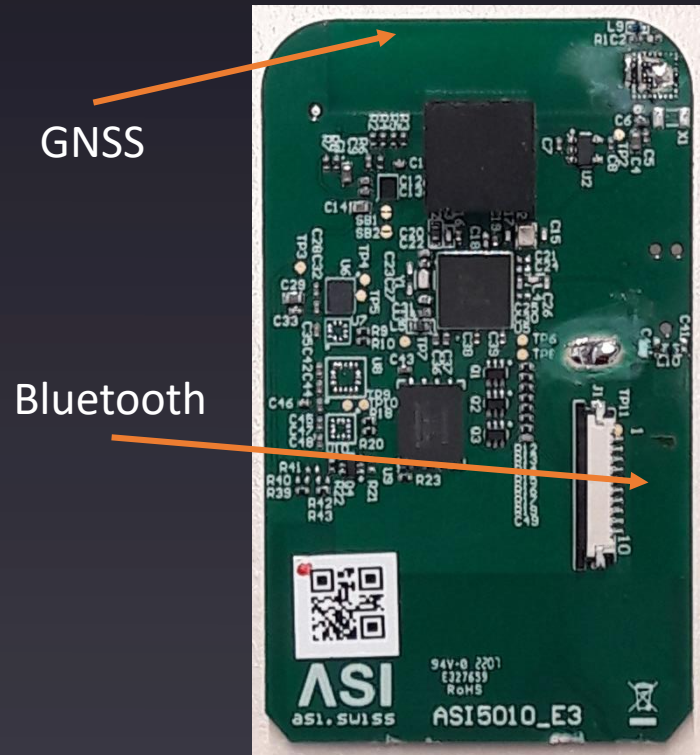




ASI Advanced Sport Instruments
AdMos Tracker



Sample



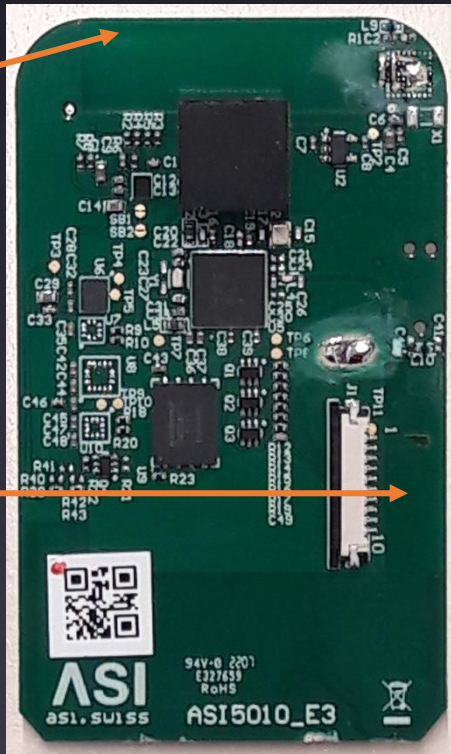
Cellular Antennas



Sample

GNSS
L = 27 mm

Bluetooth
L = 19.5 mm



Cellular Antennas
Low Band L = 72 mm
High Band L = 14 mm

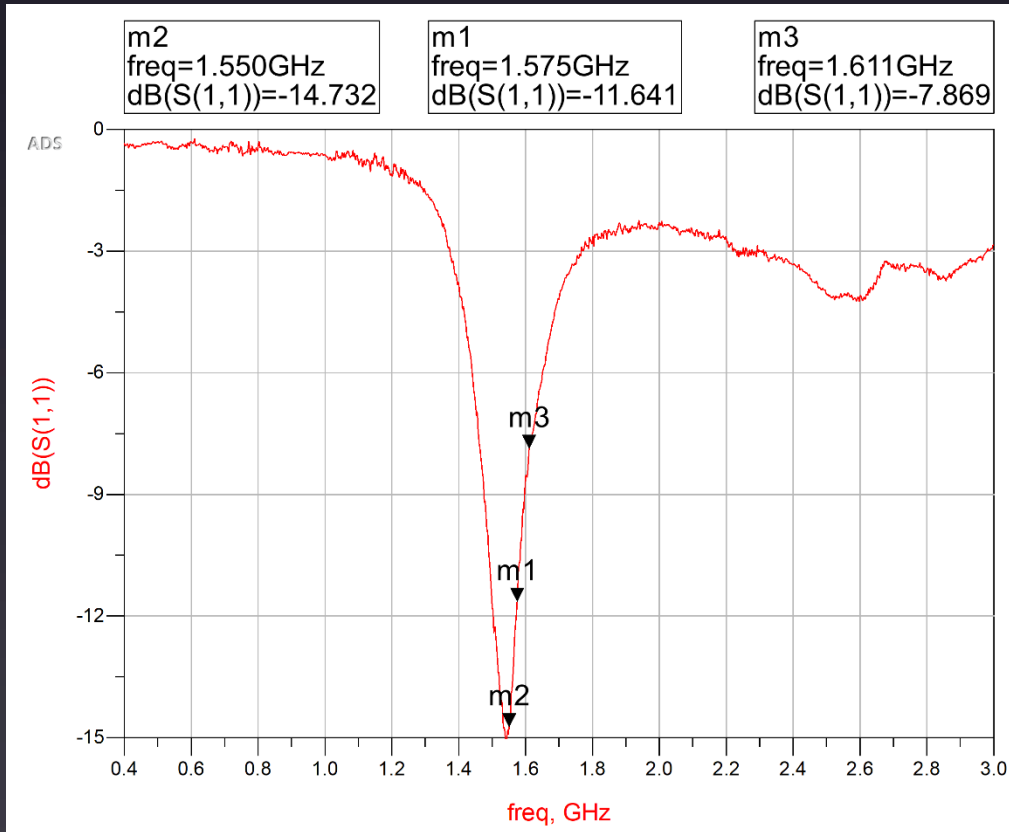


RF Measurement



Antenna Matching

GNSS Antenna Matching



Antenna performance is good

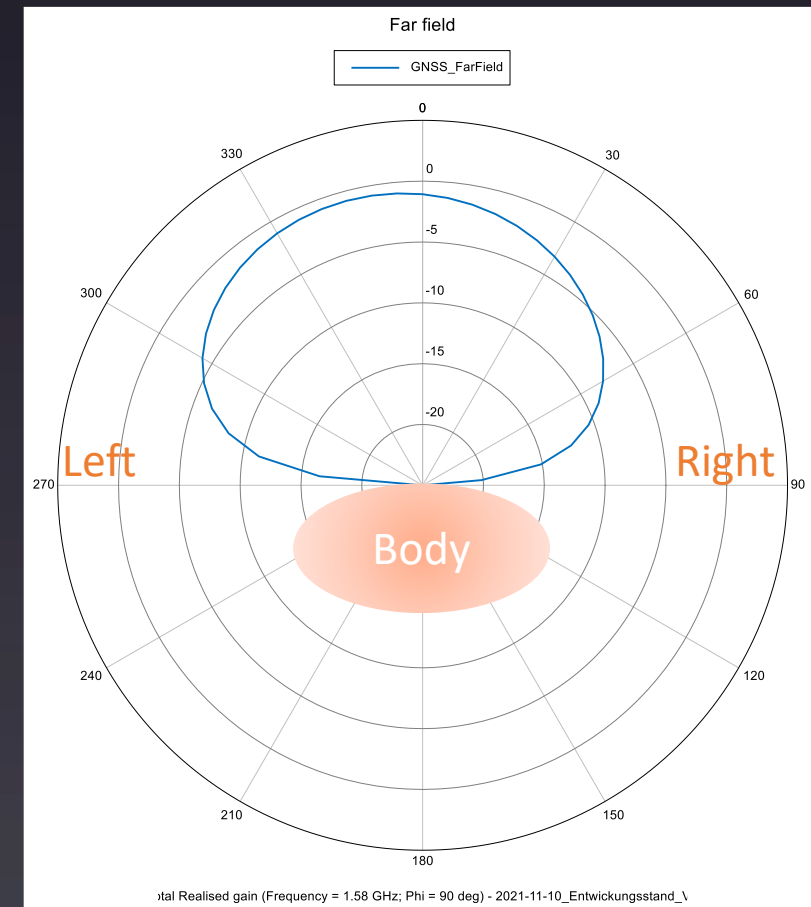
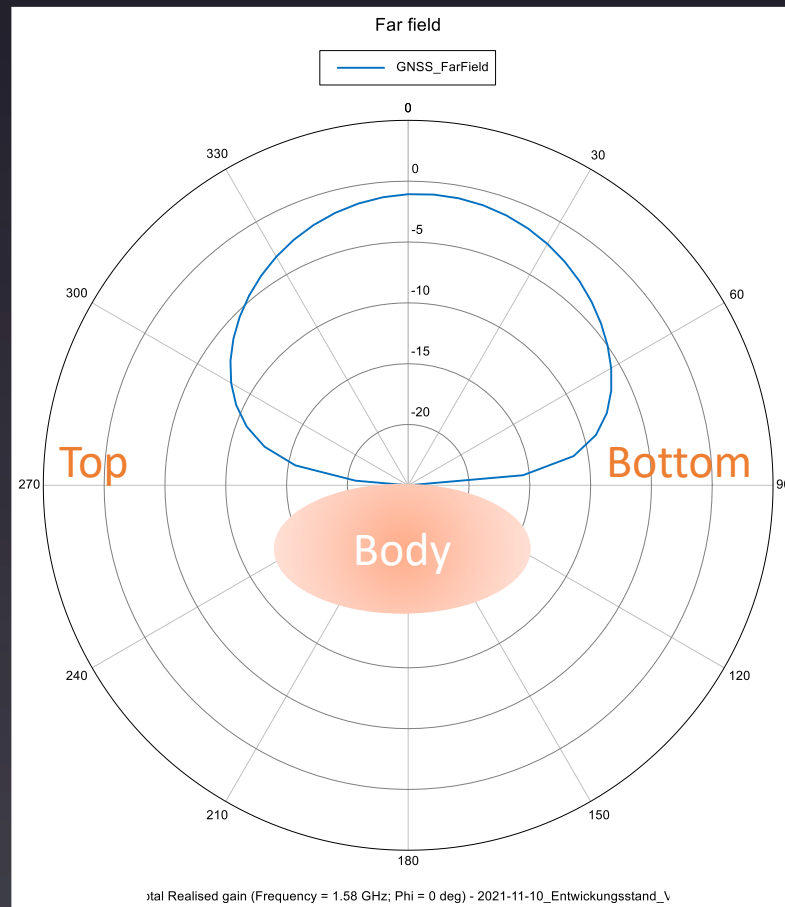
GNSS Antenna Pattern



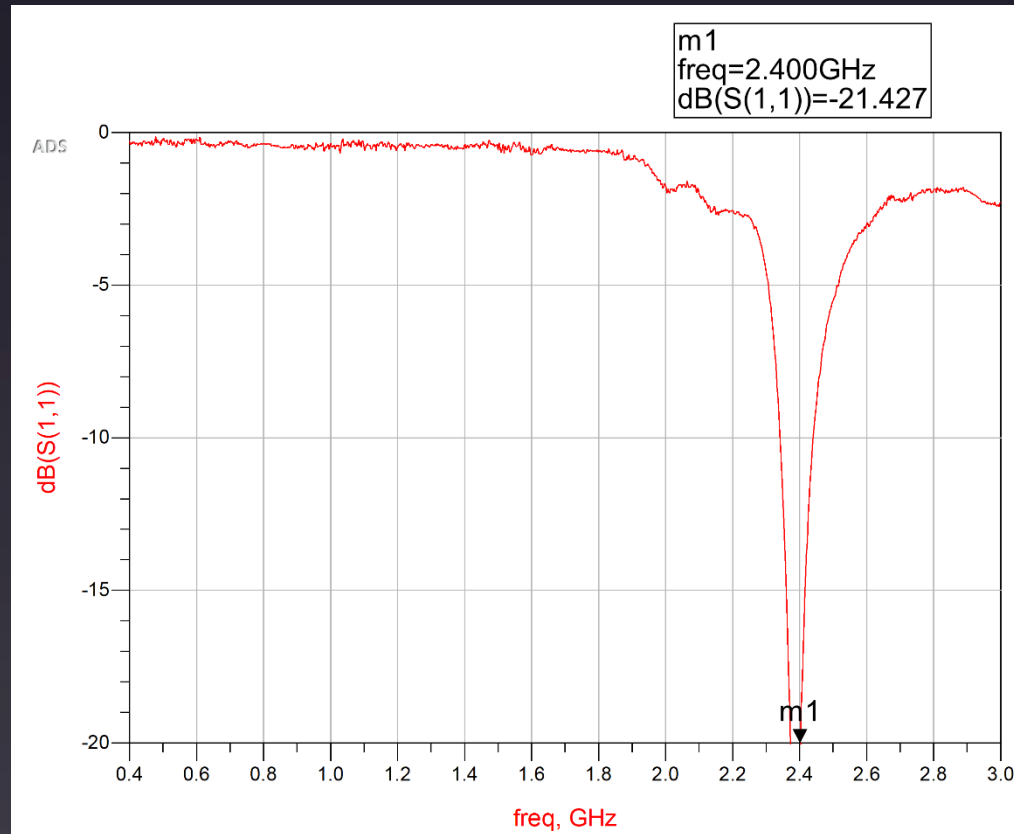
Elevation

Max Gain = -0,8 dBi
with Body

Azimuth



Bluetooth Antenna Matching



Antenna performance is good

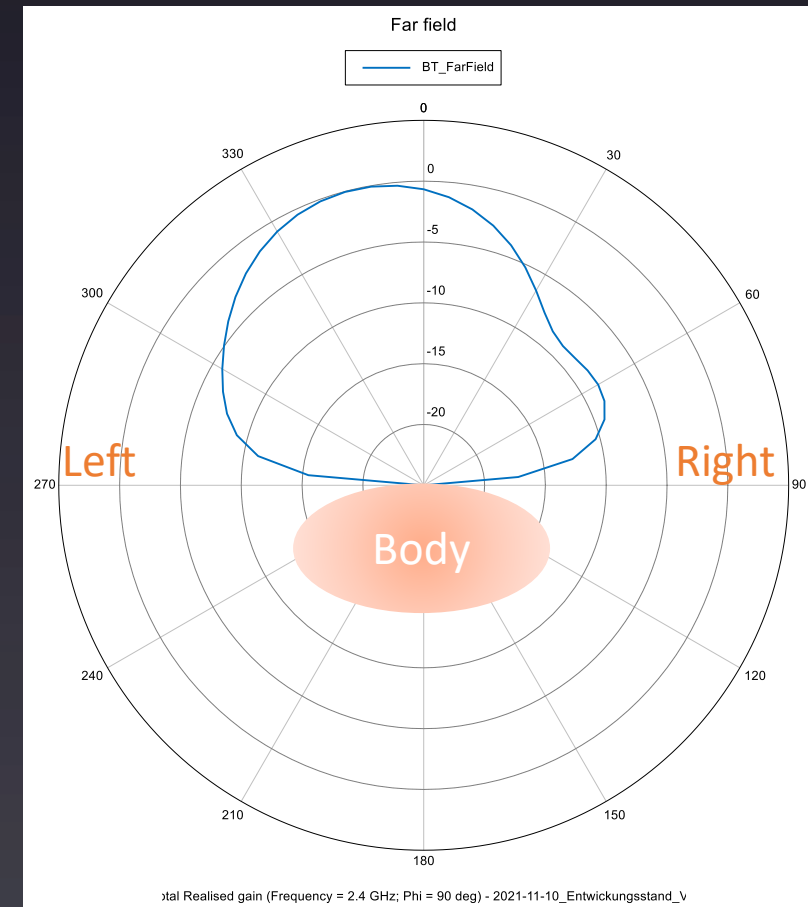
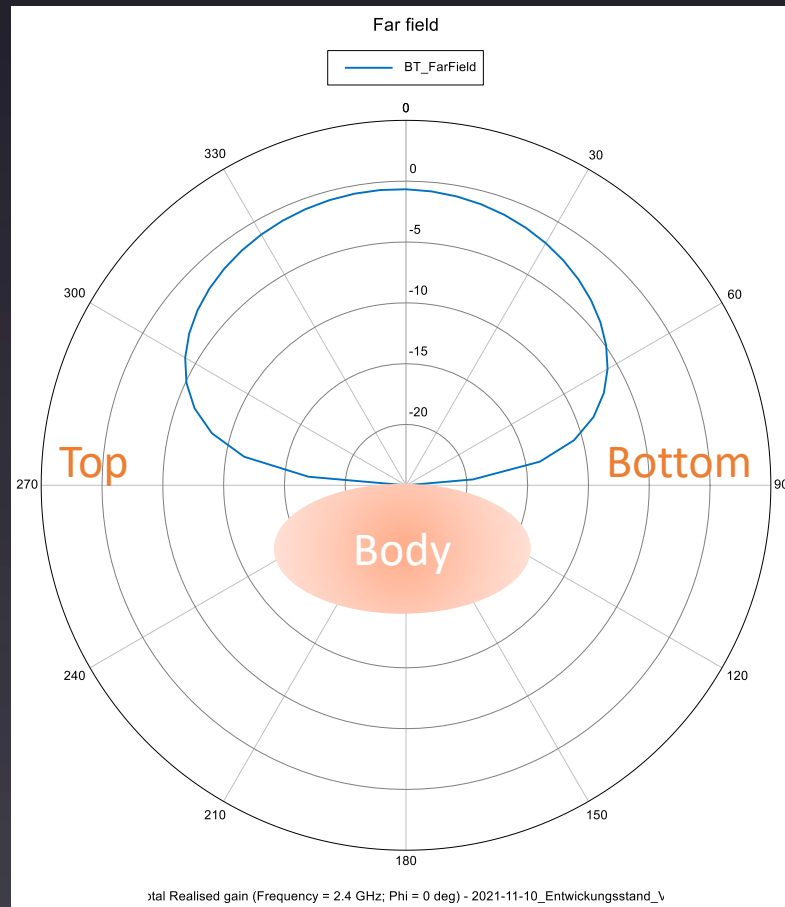
BT Antenna Pattern



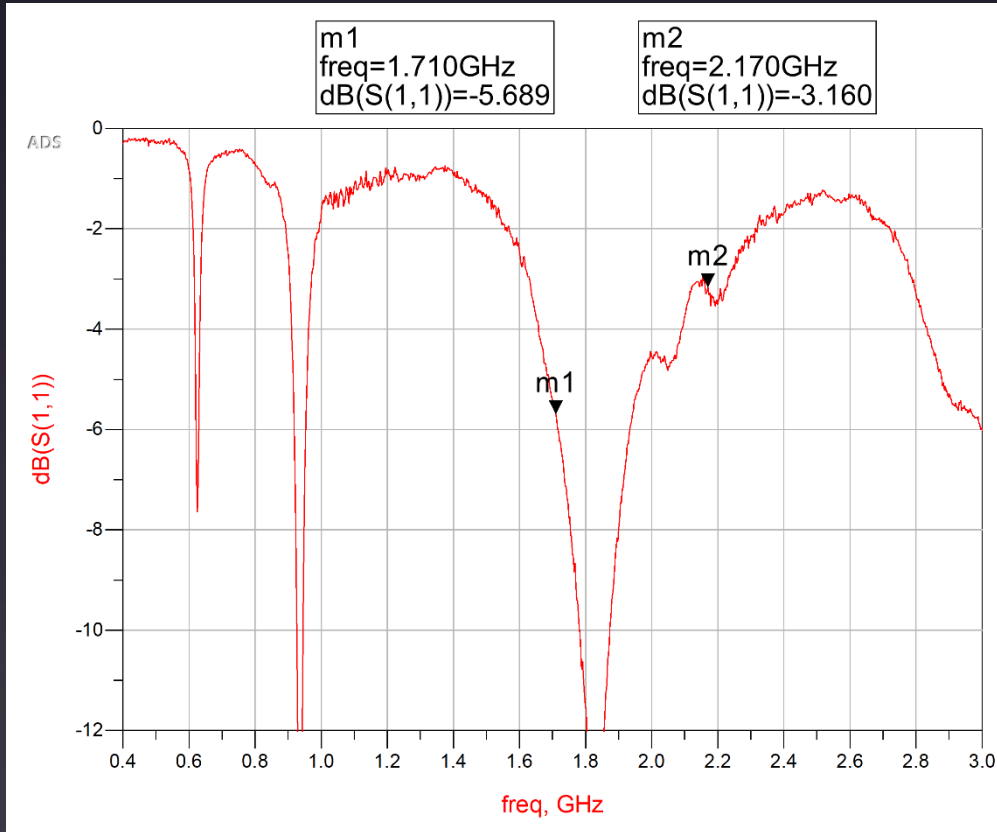
Elevation

Max Gain = 1 dBi
with Body

Azimuth



Cellular Communication



Antenna performance is good

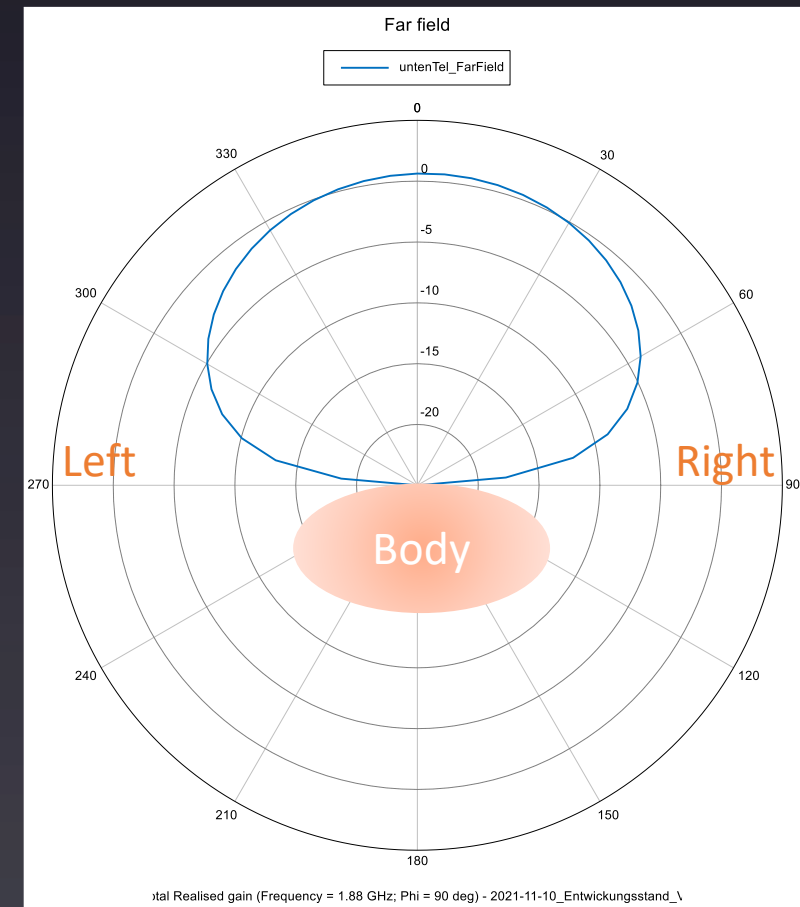
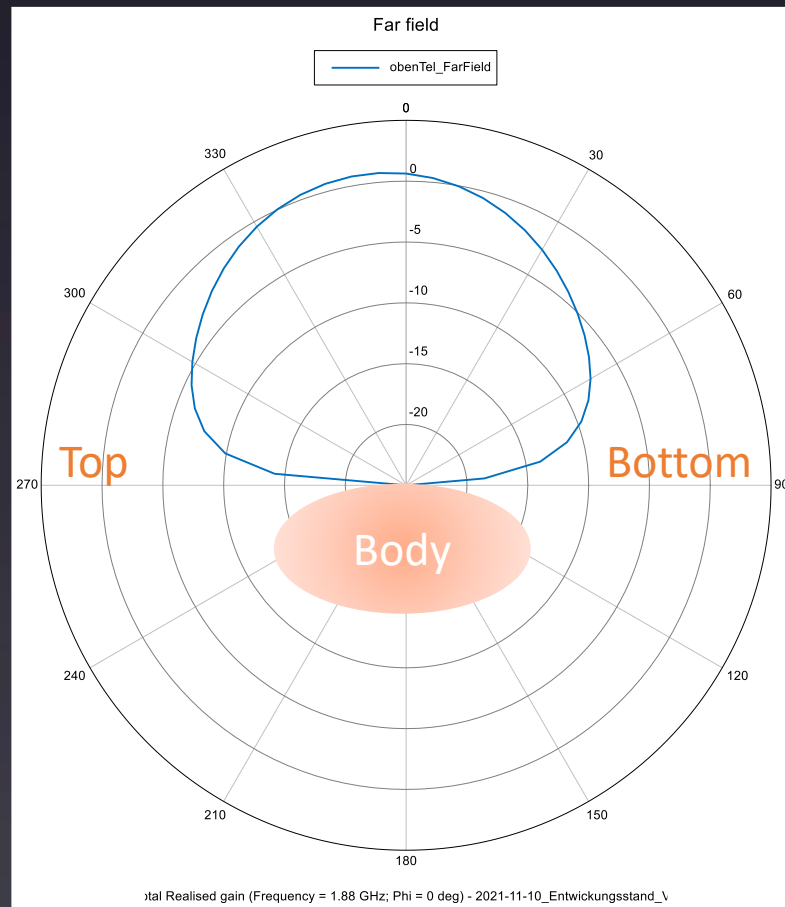


High Band Cellular Communication Antenna Pattern

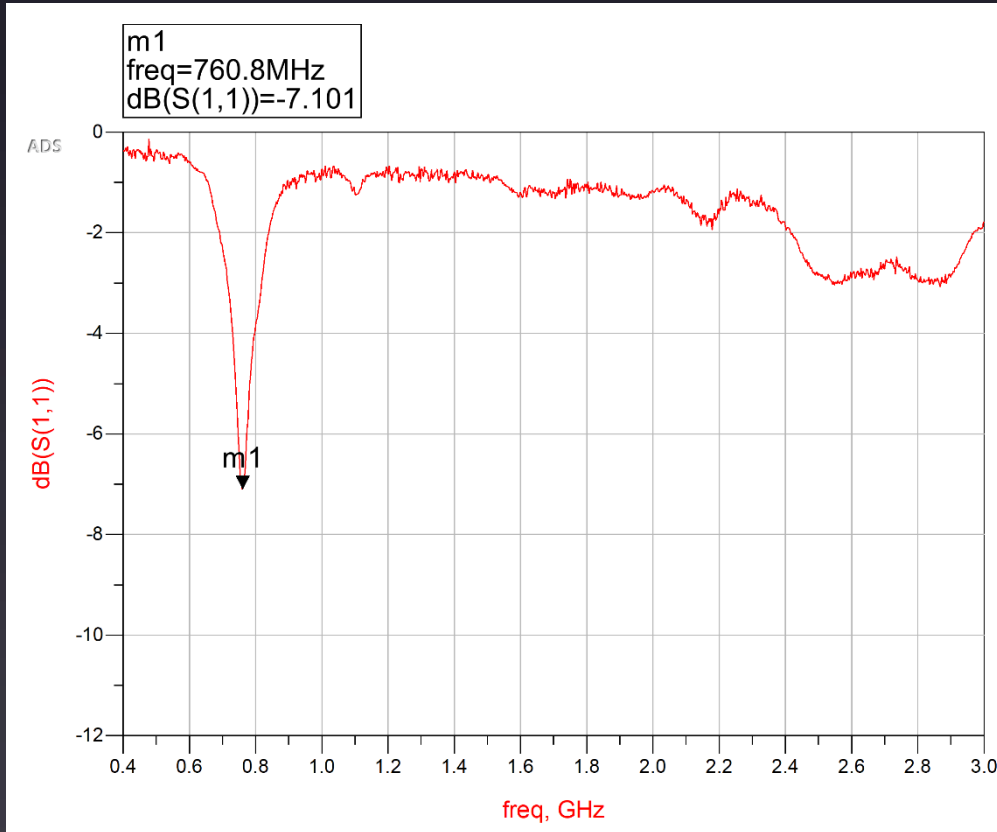
Elevation

Max Gain = +0,7 dBi
with Body

Azimuth



Cellular Communication



Antenna performance is good

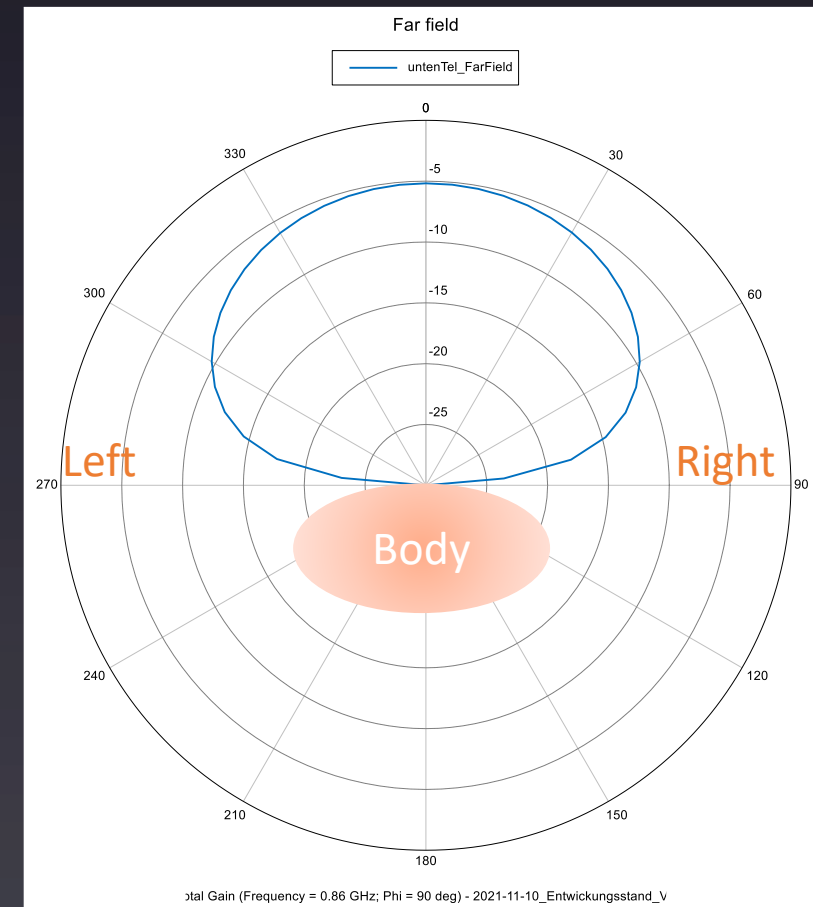
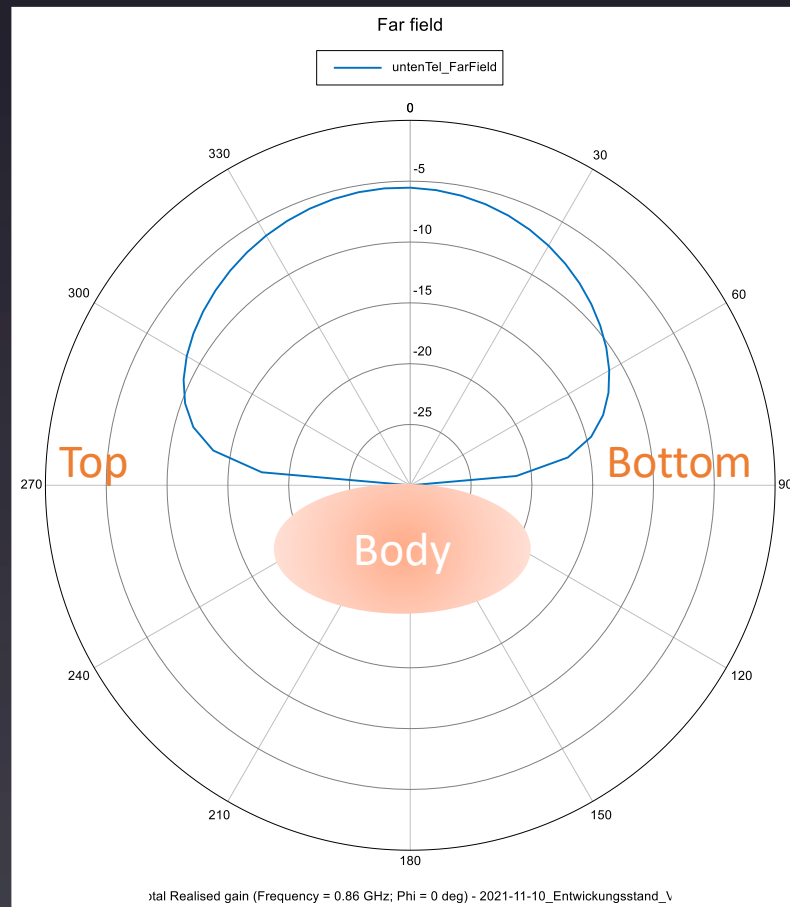


Low Band Cellular Communication Antenna Pattern

Elevation

Max Gain = -5,5 dBi
with Body

Azimuth



GNSS Positioning Measurement



Interoperability GNSS, BT, Cellular Communication



Cold Start Time

28.03.2022 at 13:30 o'clock, cloudy and dry day

Location: Ferd.-Winter-Weg 1, 83075 Bad Feilnbach

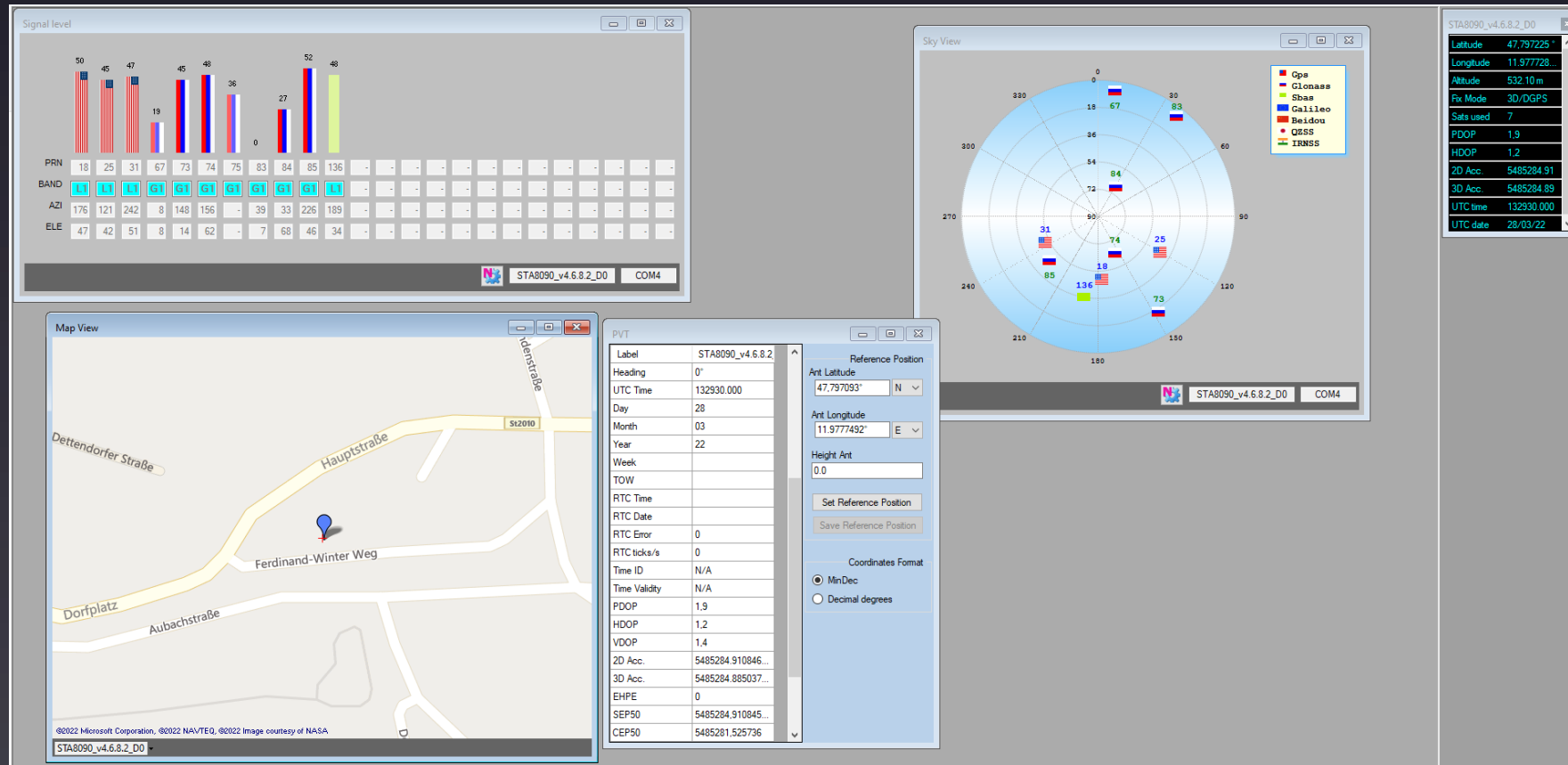
GNSS performance is good

	Cold Start Time / sec	Satellites used
Ref Antenna	39 sec	7
Passive GNSS antenna	48 sec	7
Passive GNSS antenna Electronic powered	51 sec	5

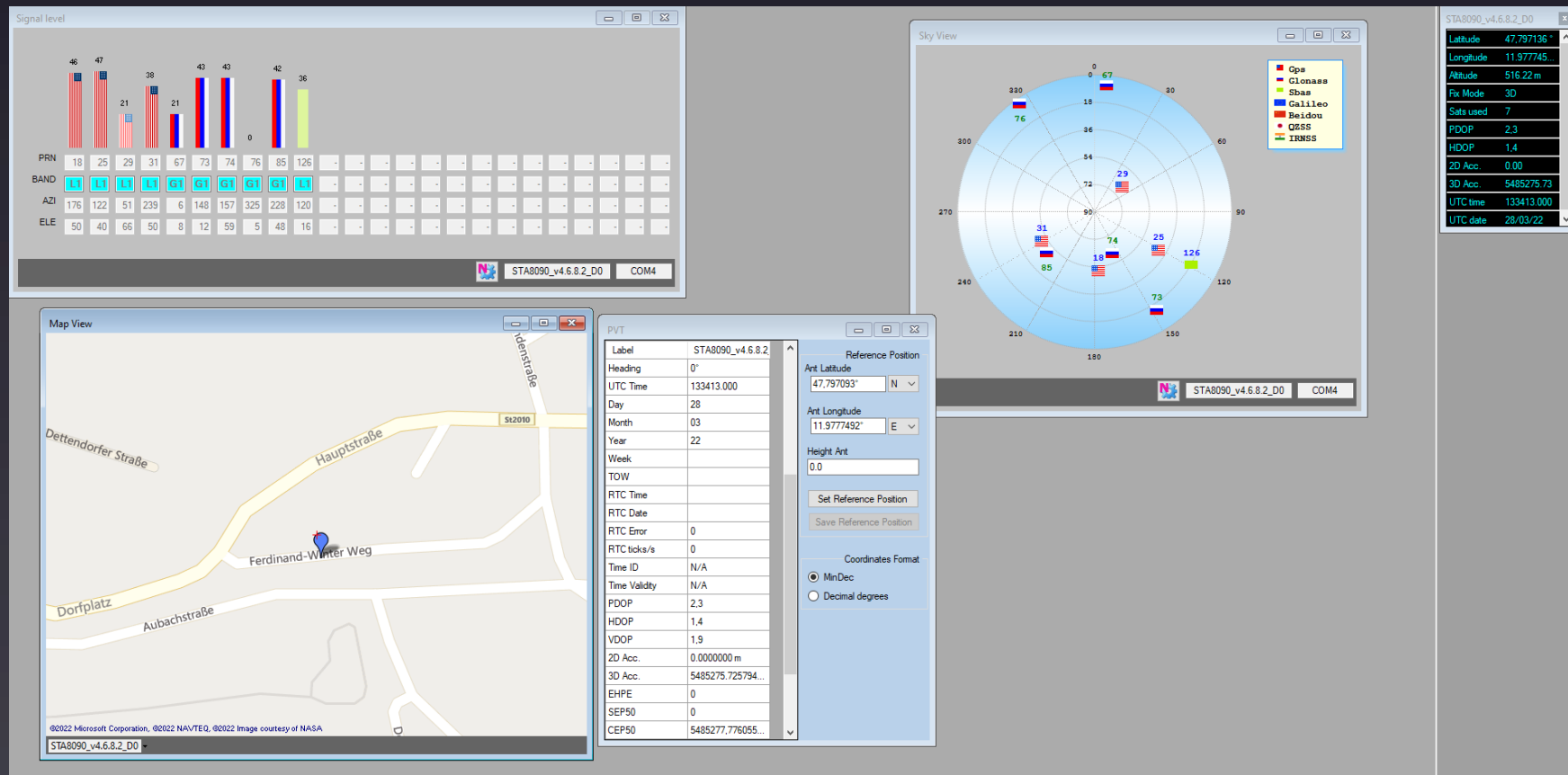


GNSS Reference

01.02.2022 at 17:00 o'clock, cloudy and rainy day
Location: Ferd.-Winter-Weg 1, 83075 Bad Feilnbach



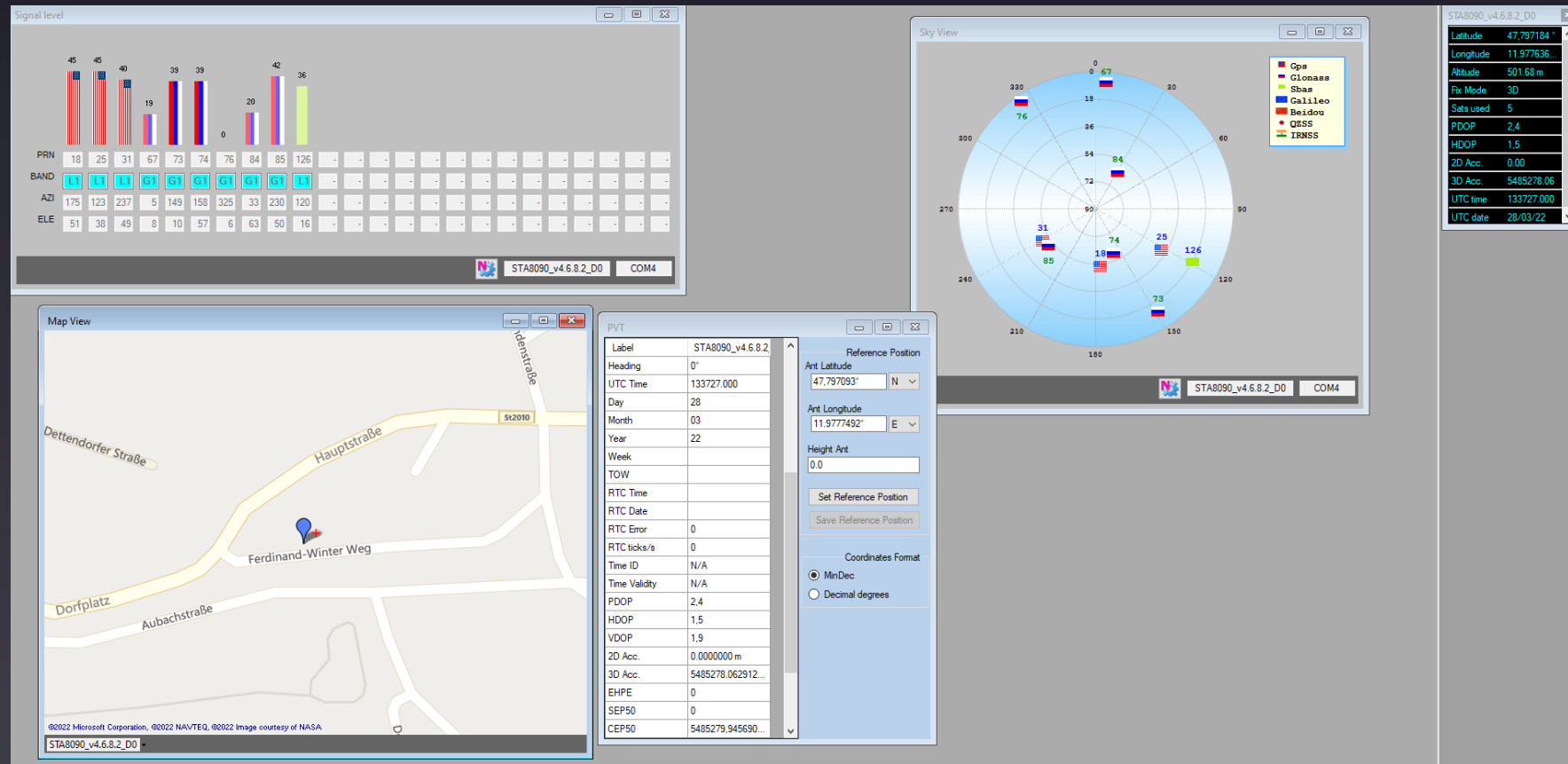
Location: Ferd.-Winter-Weg 1, 83075 Bad Feilnbach





GNSS Reference

01.02.2022 at 17:00 o'clock, cloudy and rainy day
Location: Ferd.-Winter-Weg 1, 83075 Bad Feilnbach





Thank you
for your
Attention

ANTRETTTER & HUBER GMBH

Peter Antretter
IRSHAM 55
94081 FÜRSTENZELL
T. +49 8502 65 89 6-91
F. +49 8502 65 89 6-99
pa@ANTRETTTER-HUBER.COM

Alois Huber
IRSHAM 55
94081 FÜRSTENZELL
T. +49 8502 65 89 6-92
F. +49 8502 65 89 6-99
ah@ANTRETTTER-HUBER.COM
WWW.ANTRETTTER-HUBER.COM