

Antenna Measure Report SN5133000046

Chirp Configuration:



chirp4.cfg



chirp3.cfg

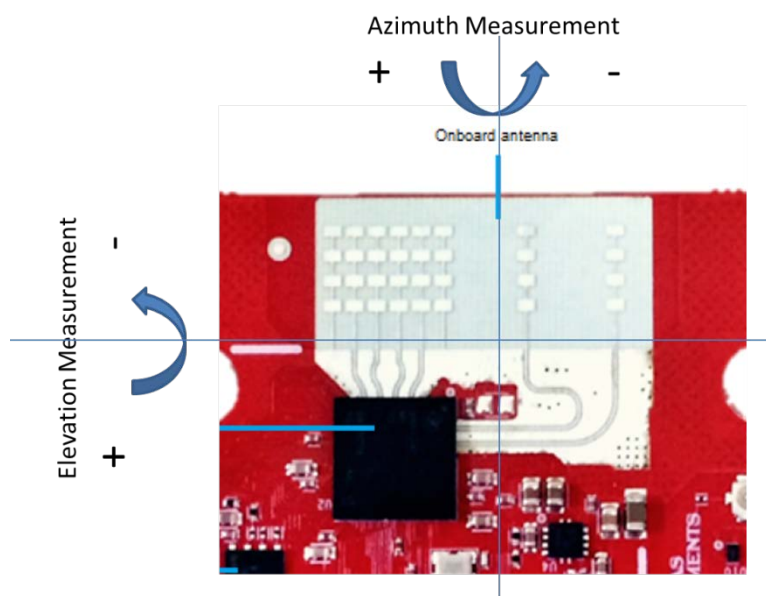
RF Frequency:

- Chirp3: 77-78.43GHz, TX2 enable
- Chirp4: 77-78.43GHz, TX1 enable
- Chirp Slope: 50MHz/us
- Chirp Ramp End Time: 28.55us
- ADC Start Time: 7us
- ADC Sample Rate: 6.25Msps
- Idle Time: 69us
- Frame Time: 1s
- Sample Points: 128 per chirps, 8 chirps per frame

Measure Angle Span

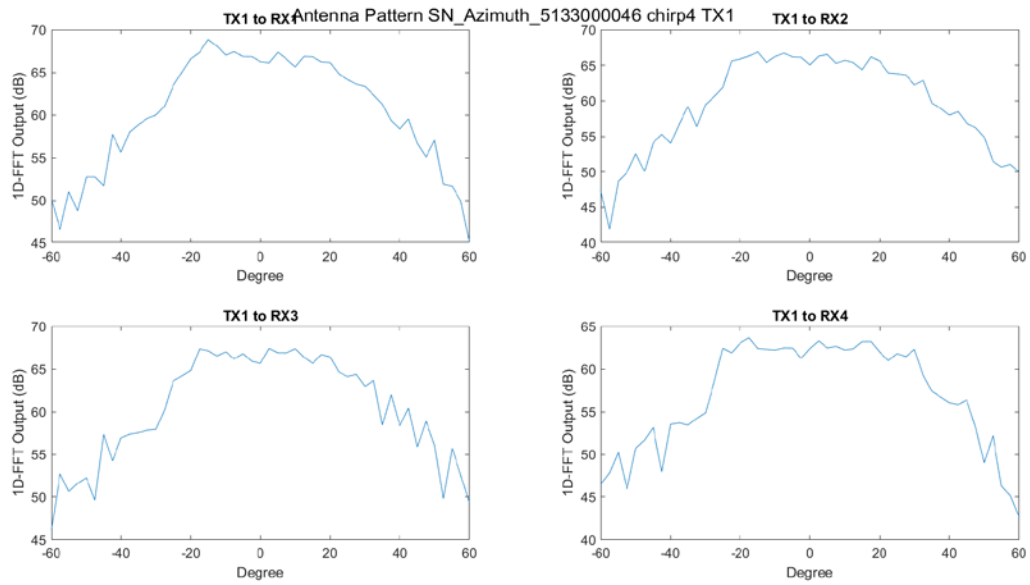
- Azimuth: -60 to +60, step size is 2.5 degree
- Elevation: -30 to +30, step size is 2.5 degree

Angle definition

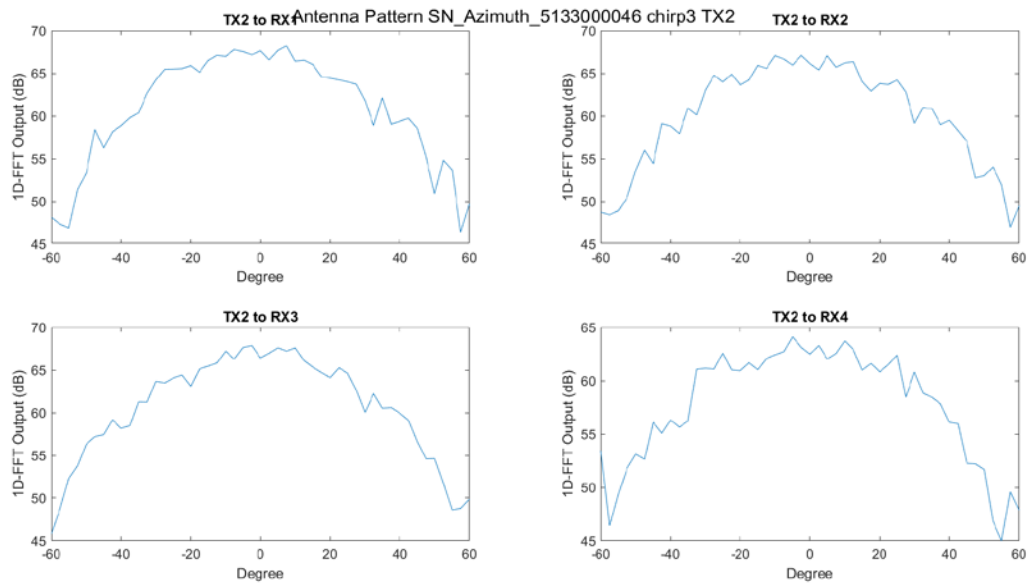


Azimuth antenna pattern

- TX1

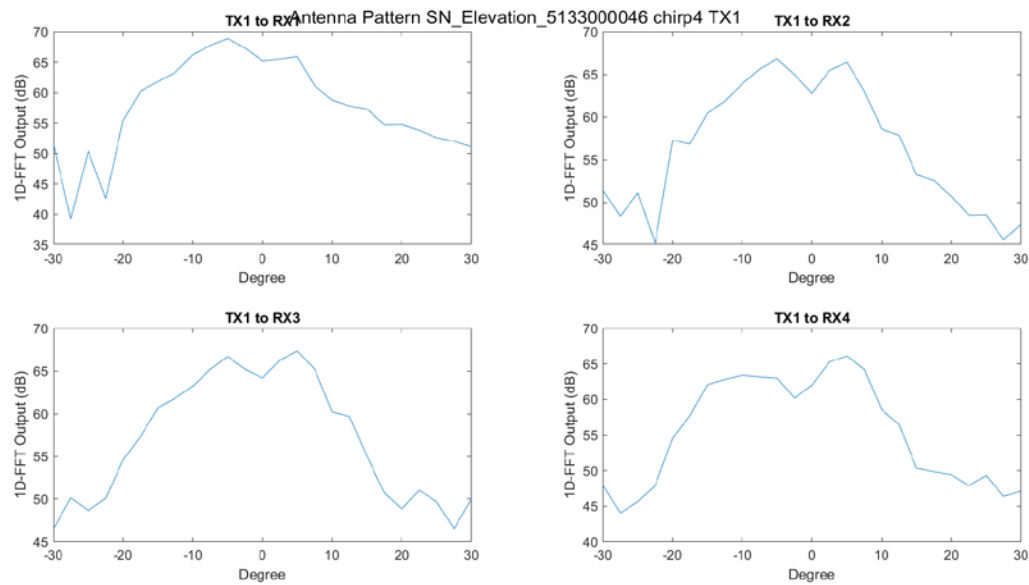


- TX2



Elevation antenna pattern

- TX1



- TX2

