

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.200 GHz

Cal. file table channel units

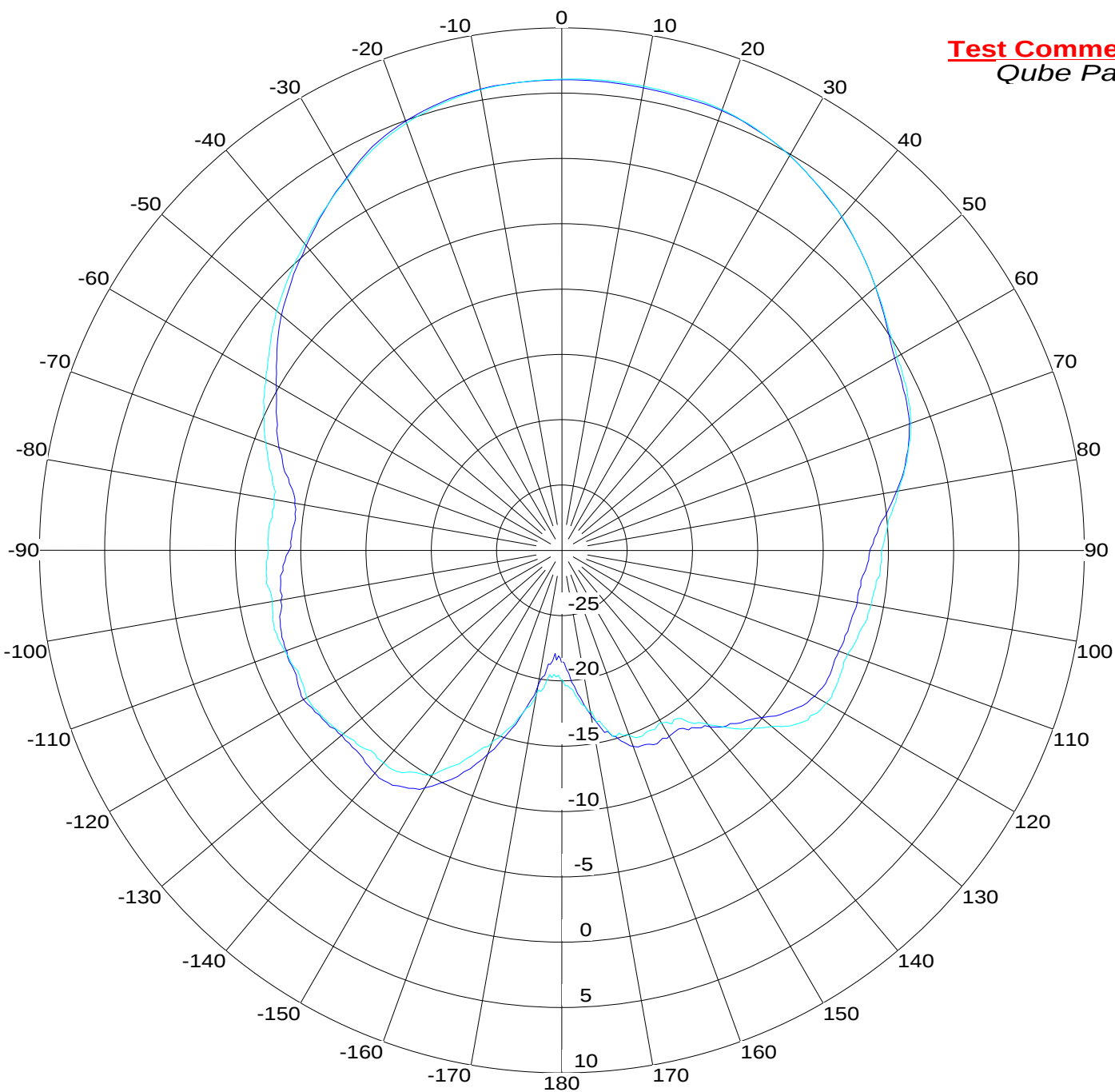
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.205 GHz

Cal. file table channel units

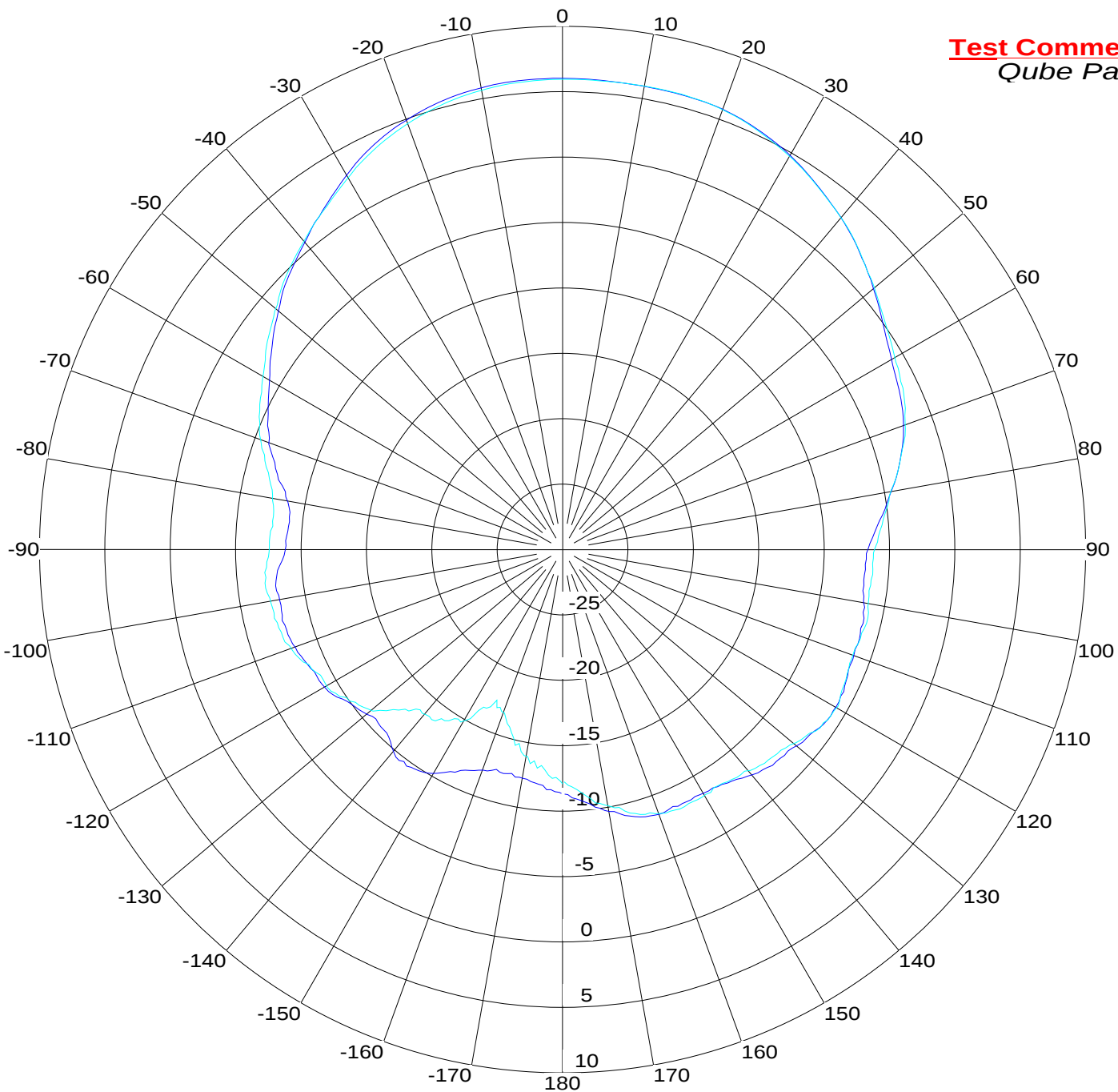
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.210 GHz

Cal. file table channel units

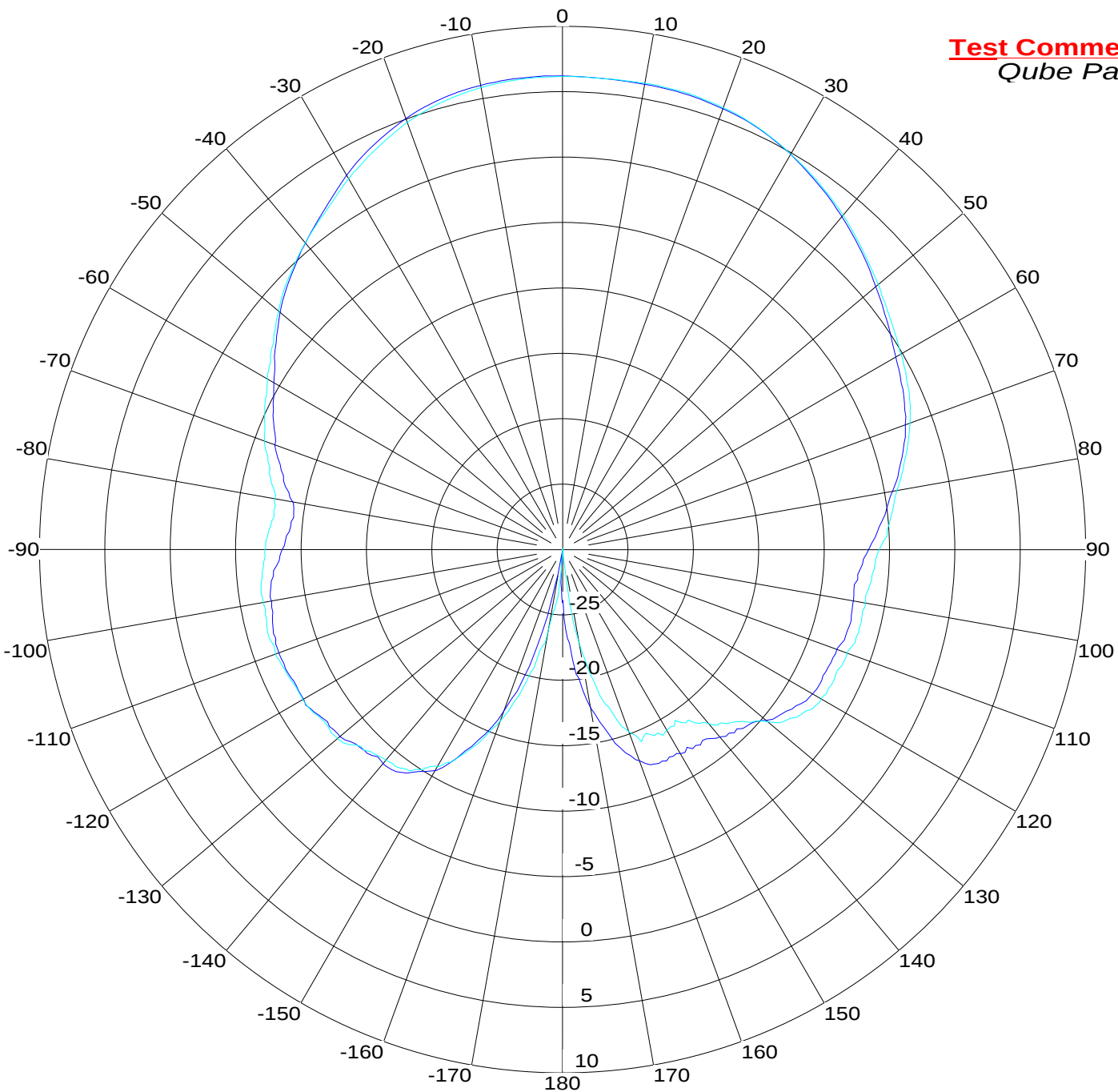
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.215 GHz

Cal. file table channel units

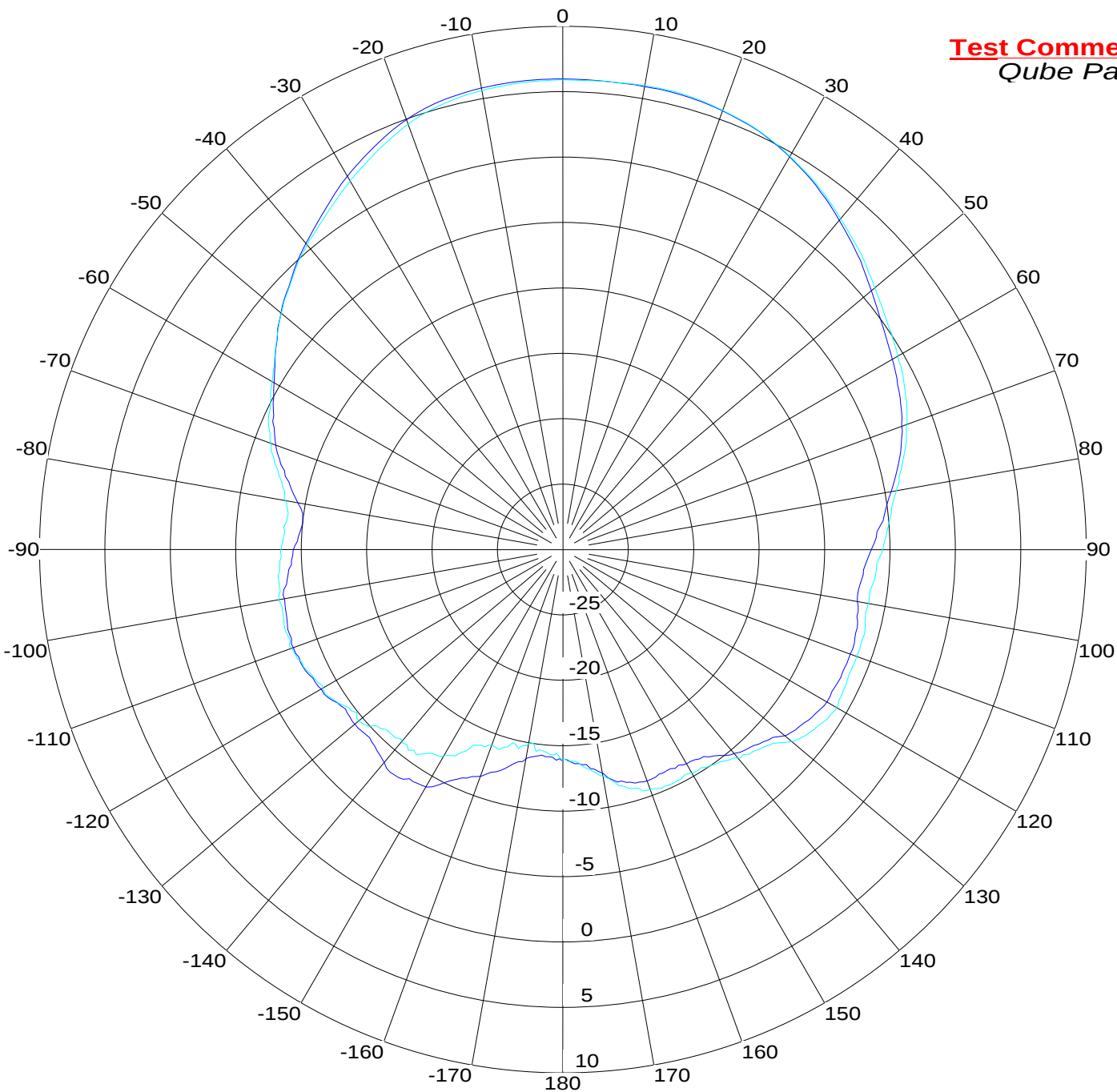
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A

QubePatch2_A



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.220 GHz

Cal. file table channel units

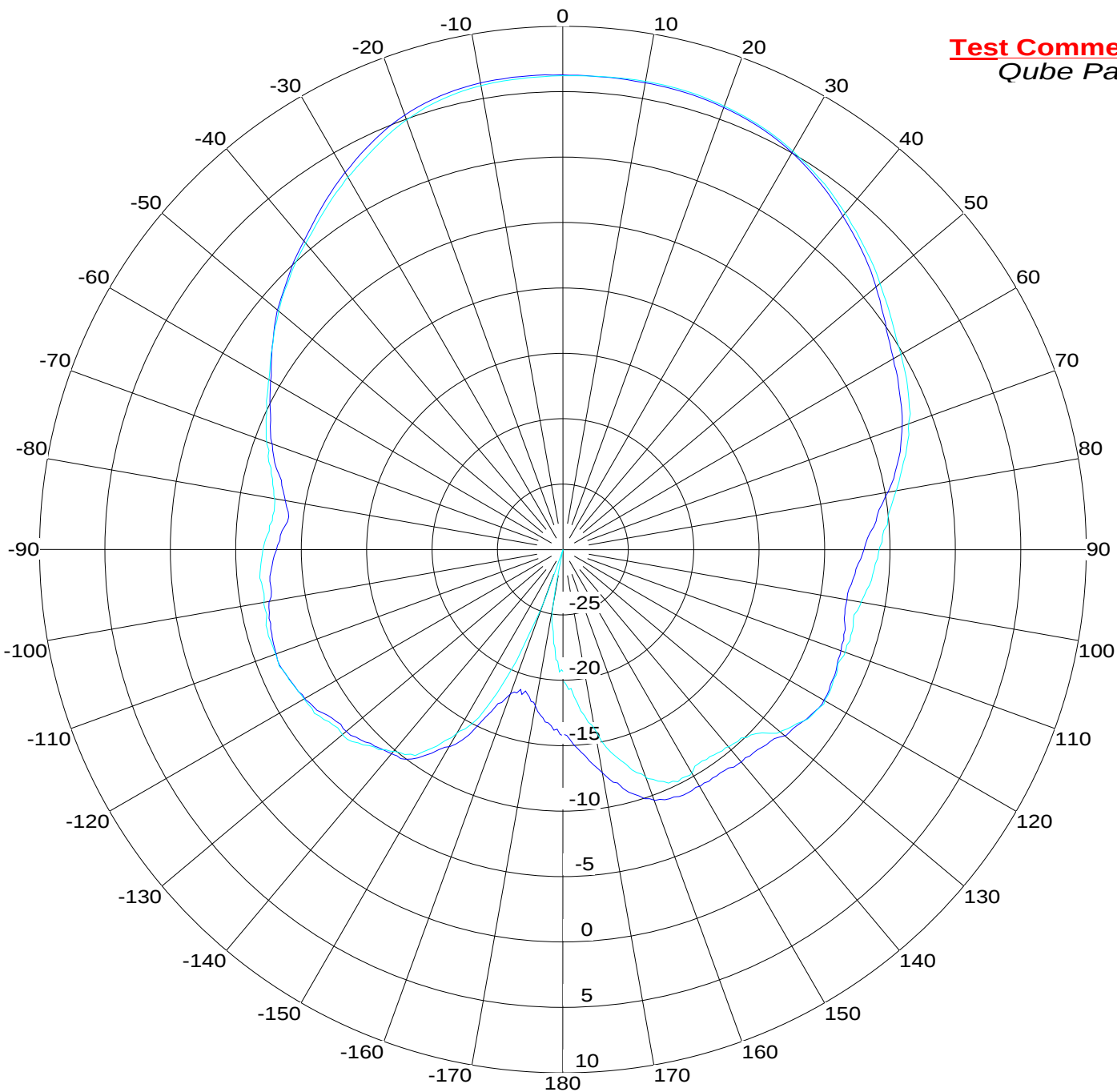
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.225 GHz

Cal. file table channel units

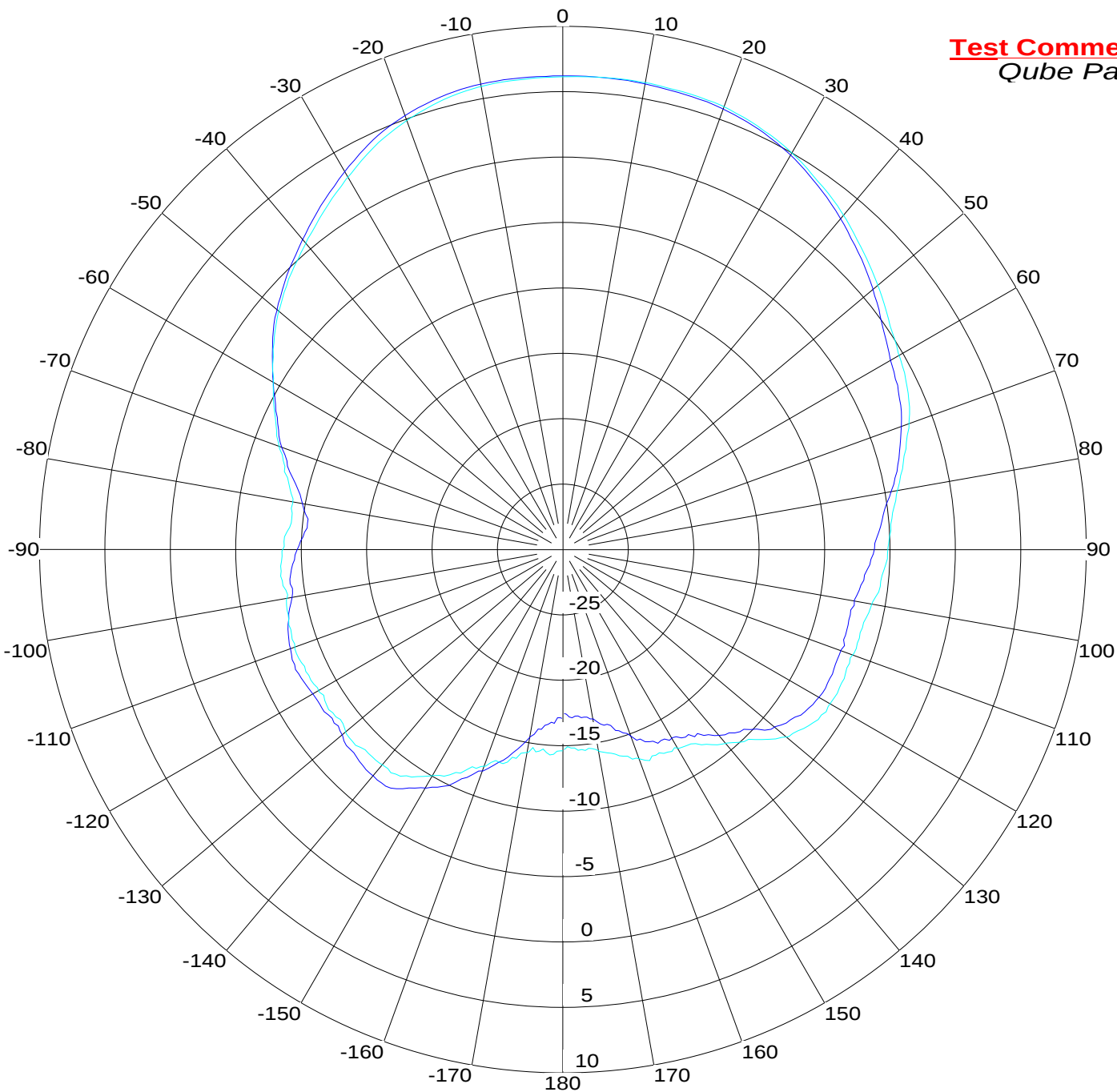
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.230 GHz

Cal. file table channel units

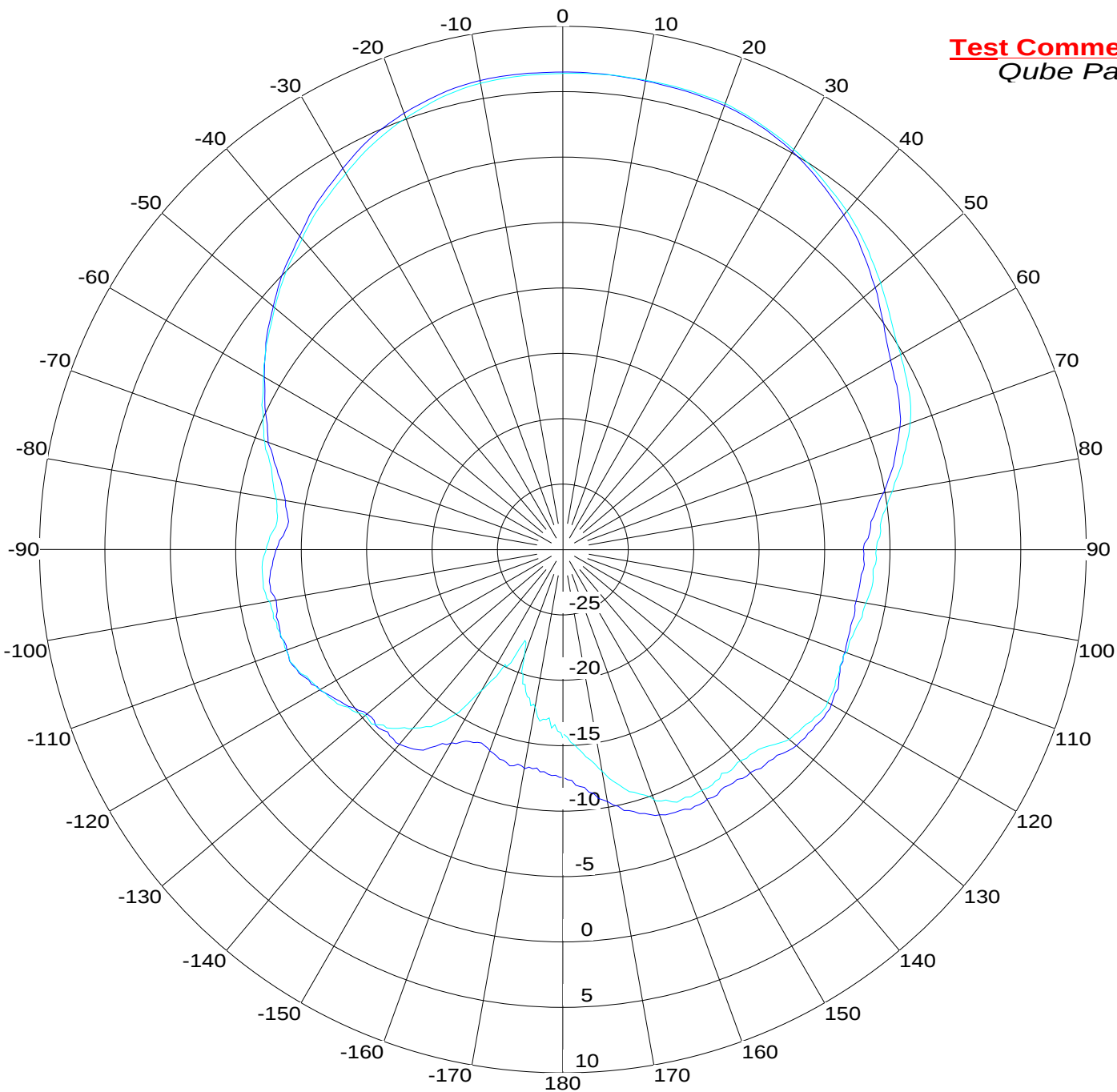
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.235 GHz

Cal. file table channel units

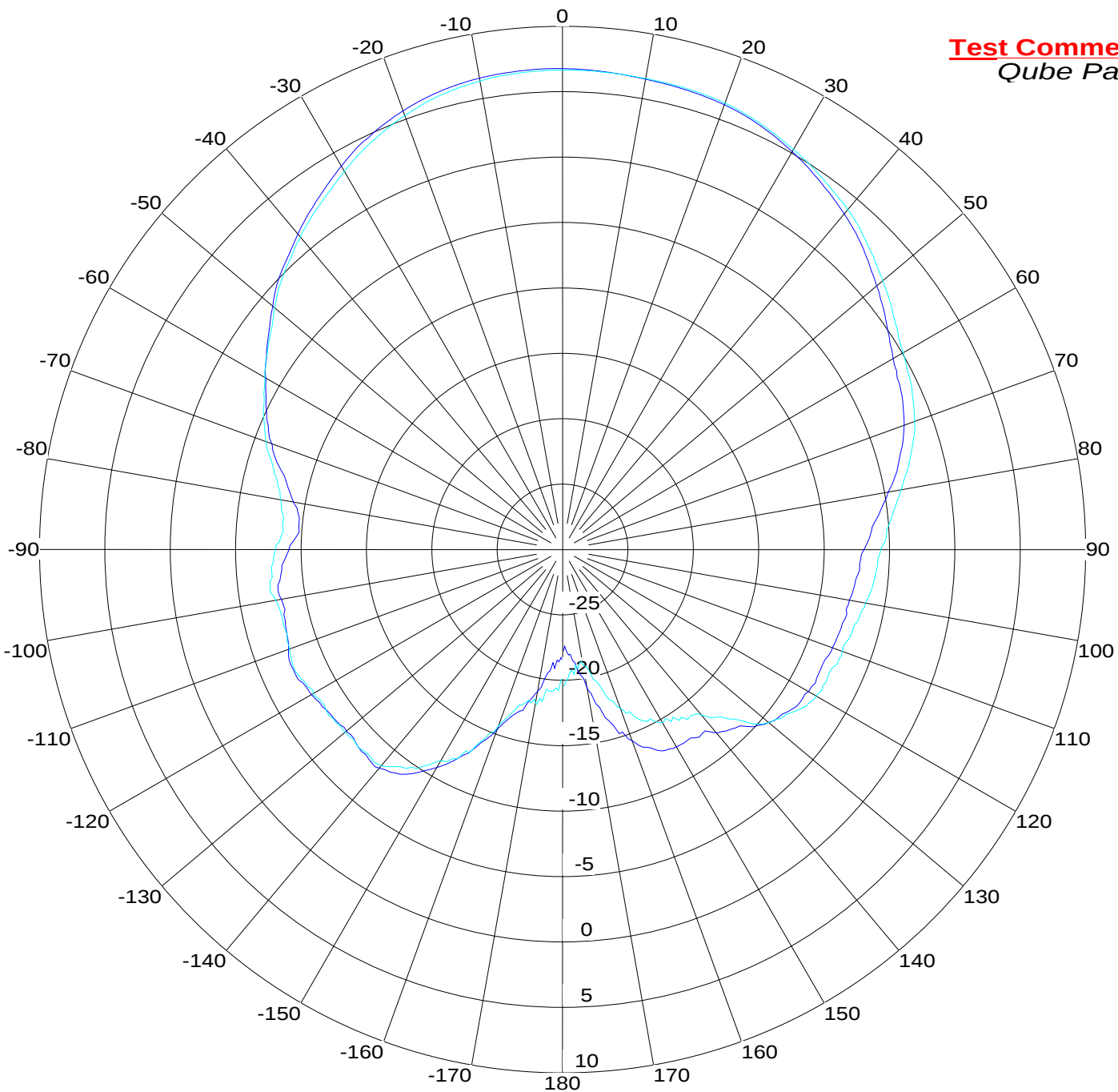
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.240 GHz

Cal. file table channel units

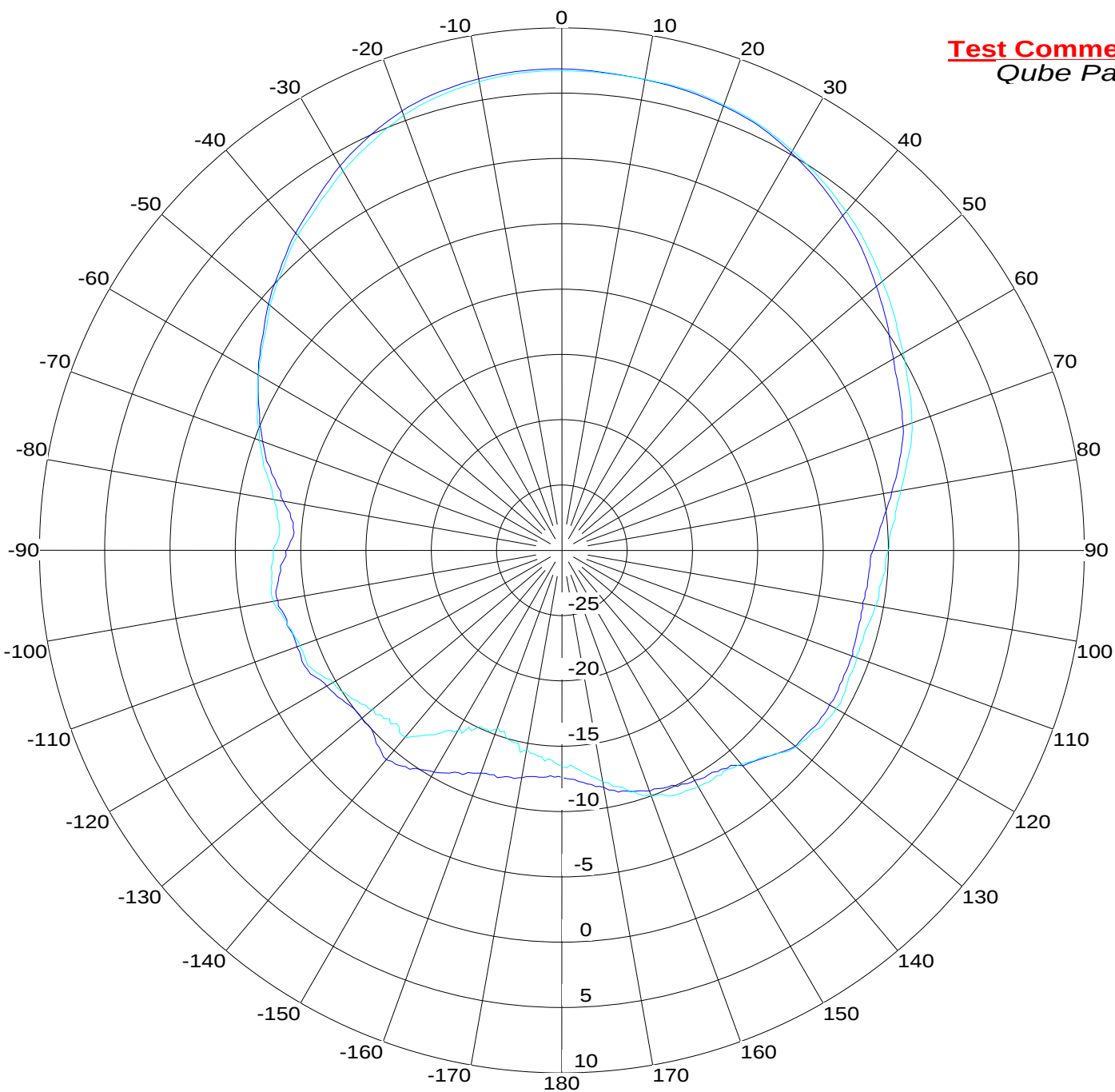
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.245 GHz

Cal. file table channel units

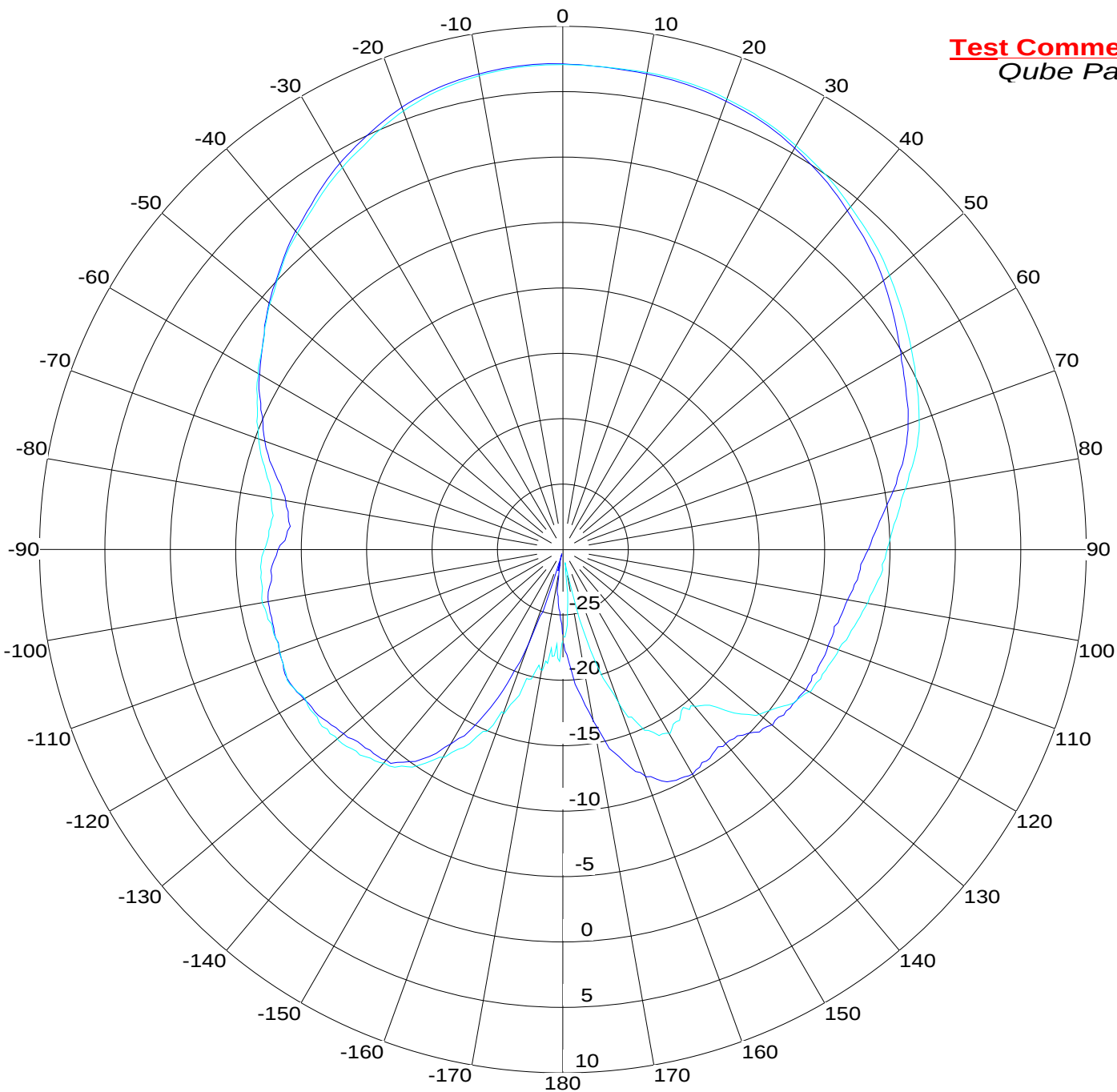
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.250 GHz

Cal. file table channel units

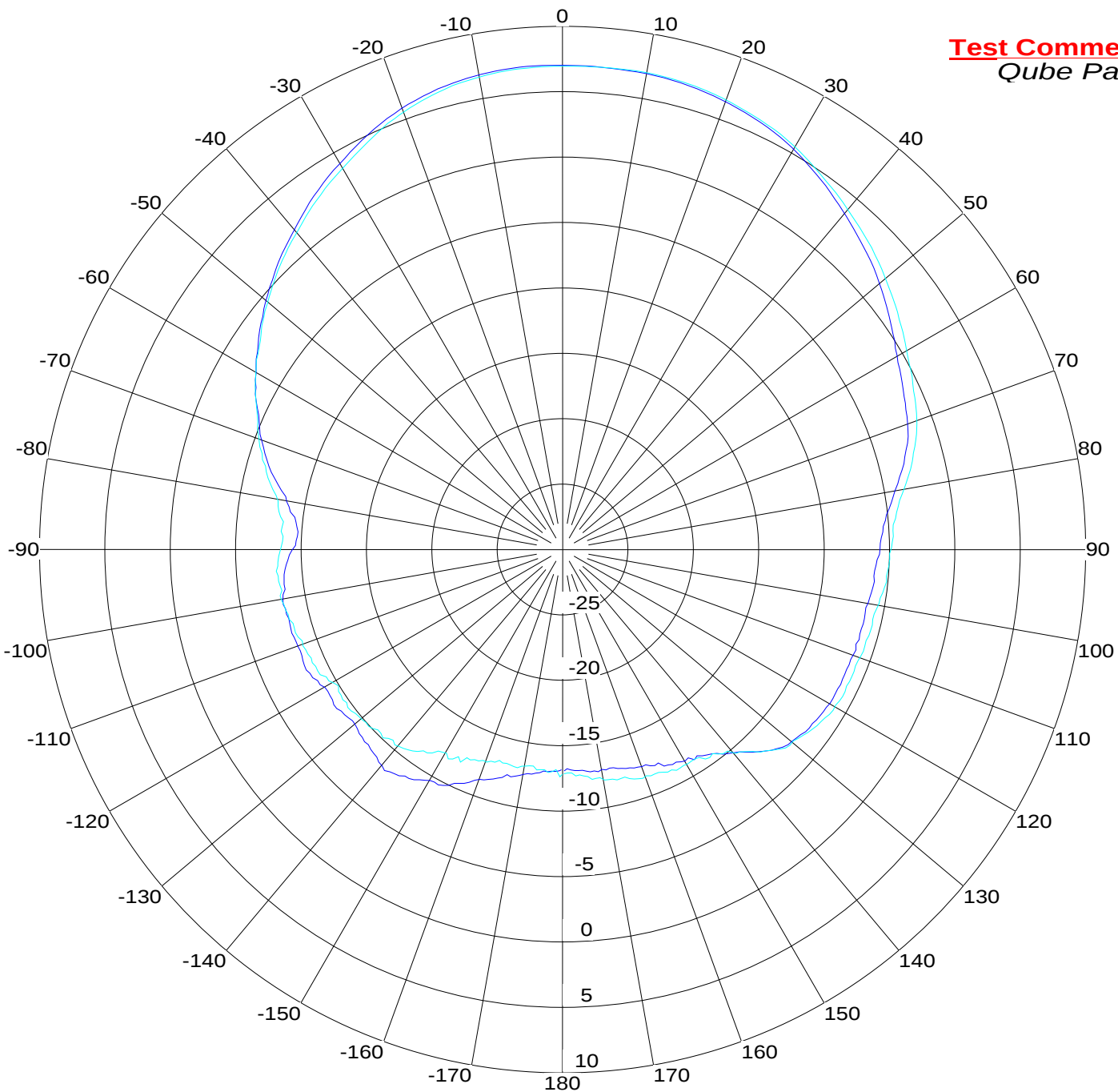
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.255 GHz

Cal. file table channel units

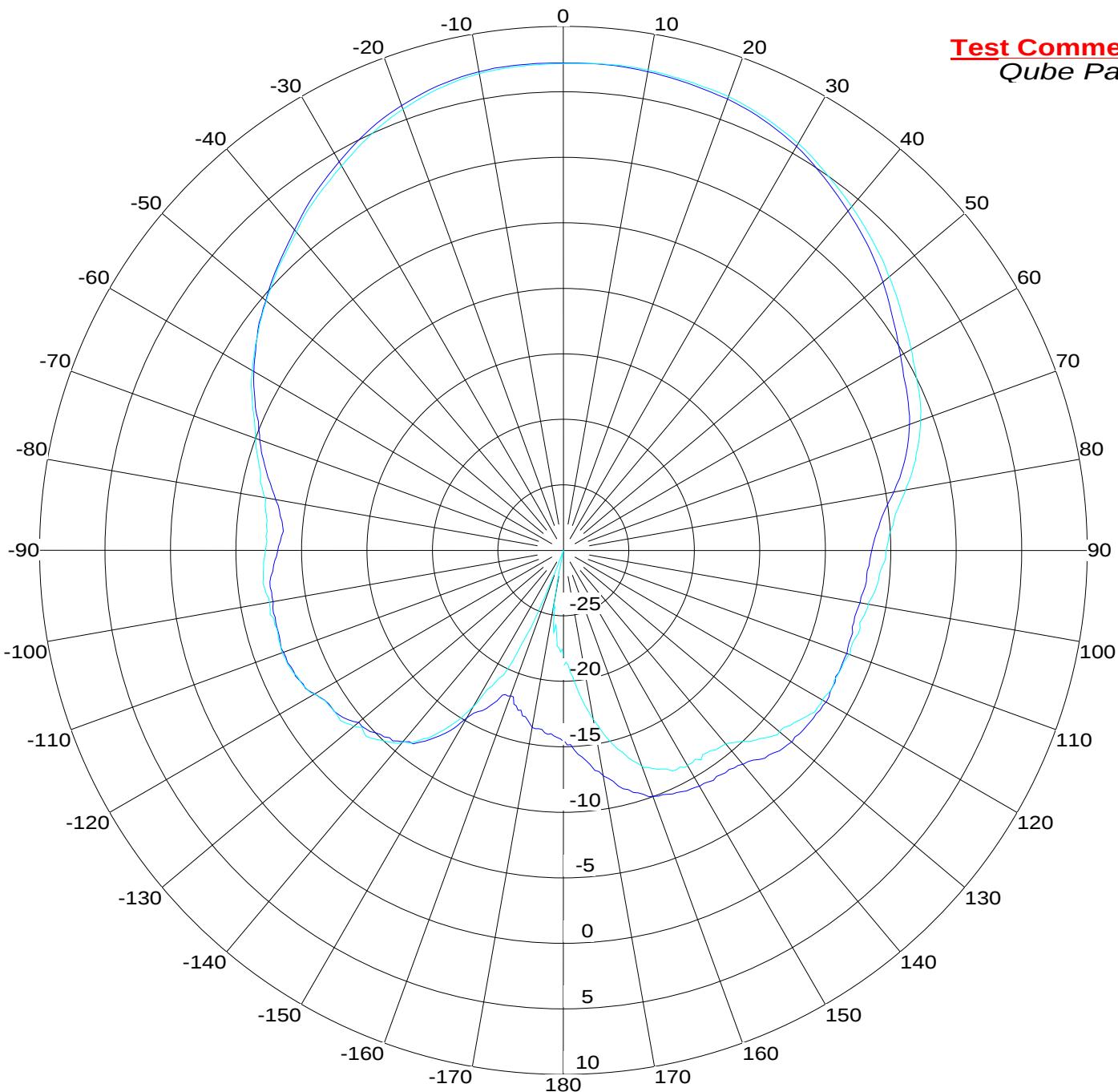
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.260 GHz

Cal. file table channel units

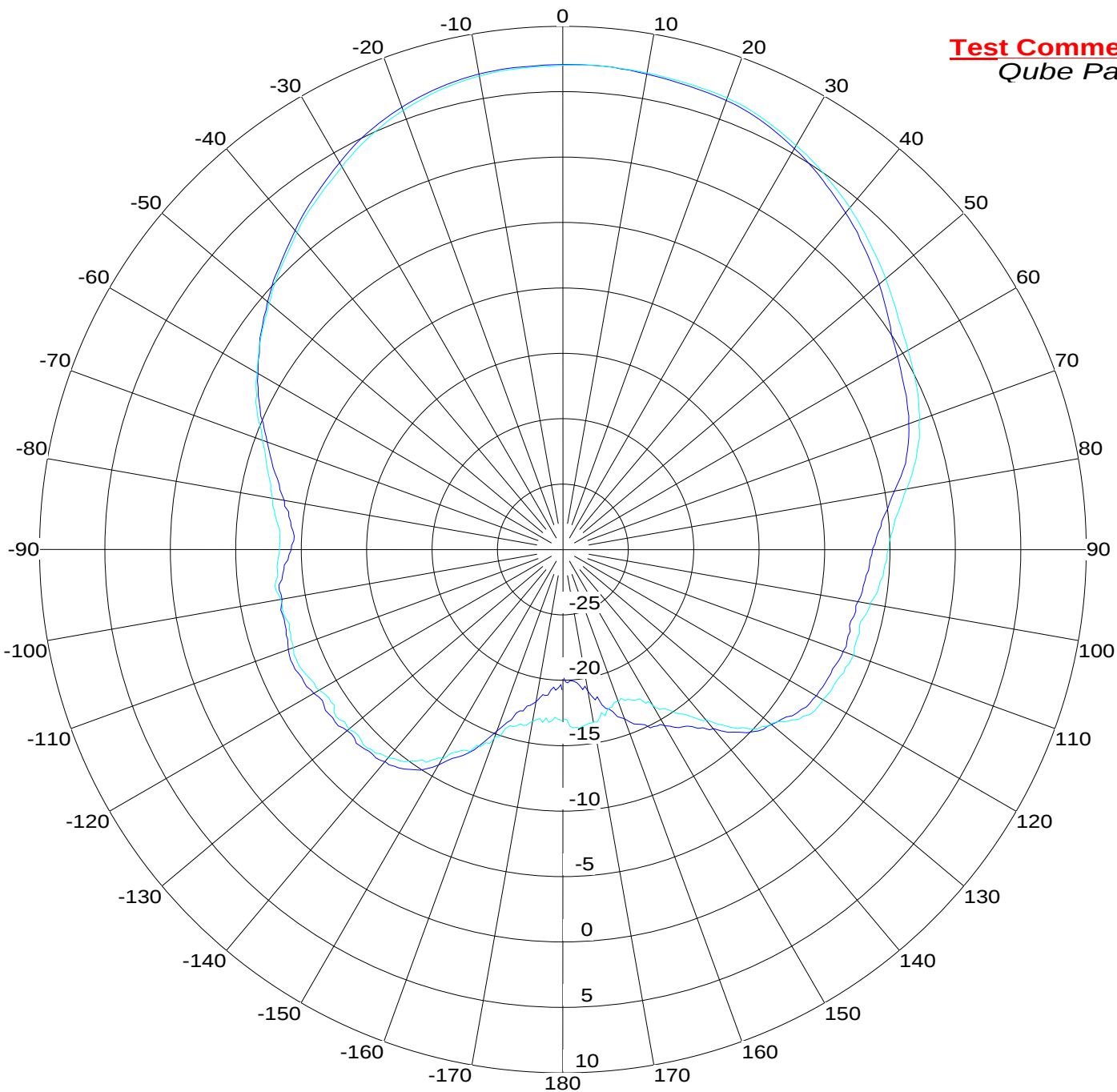
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.265 GHz

Cal. file table channel units

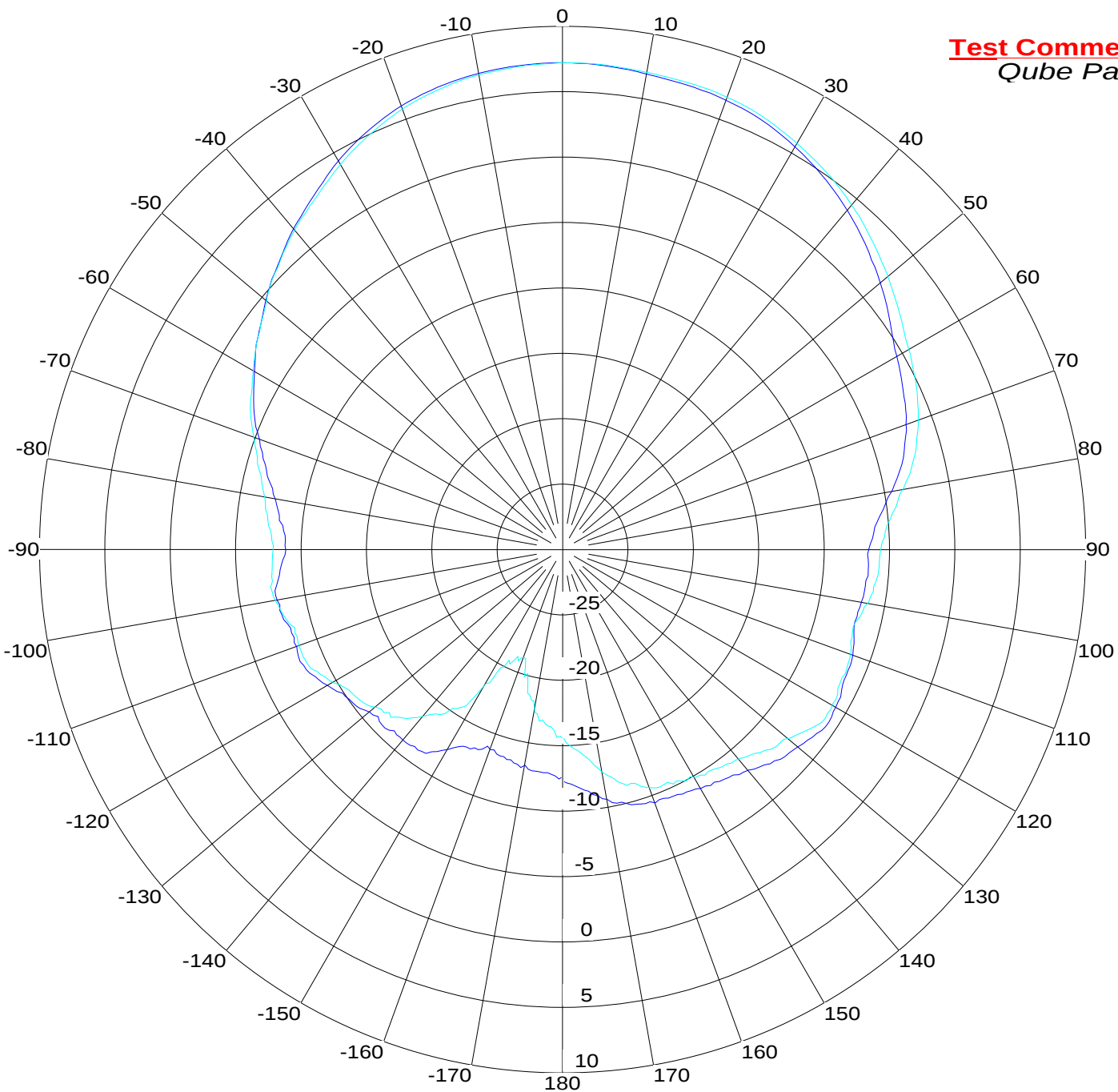
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.270 GHz

Cal. file table channel units

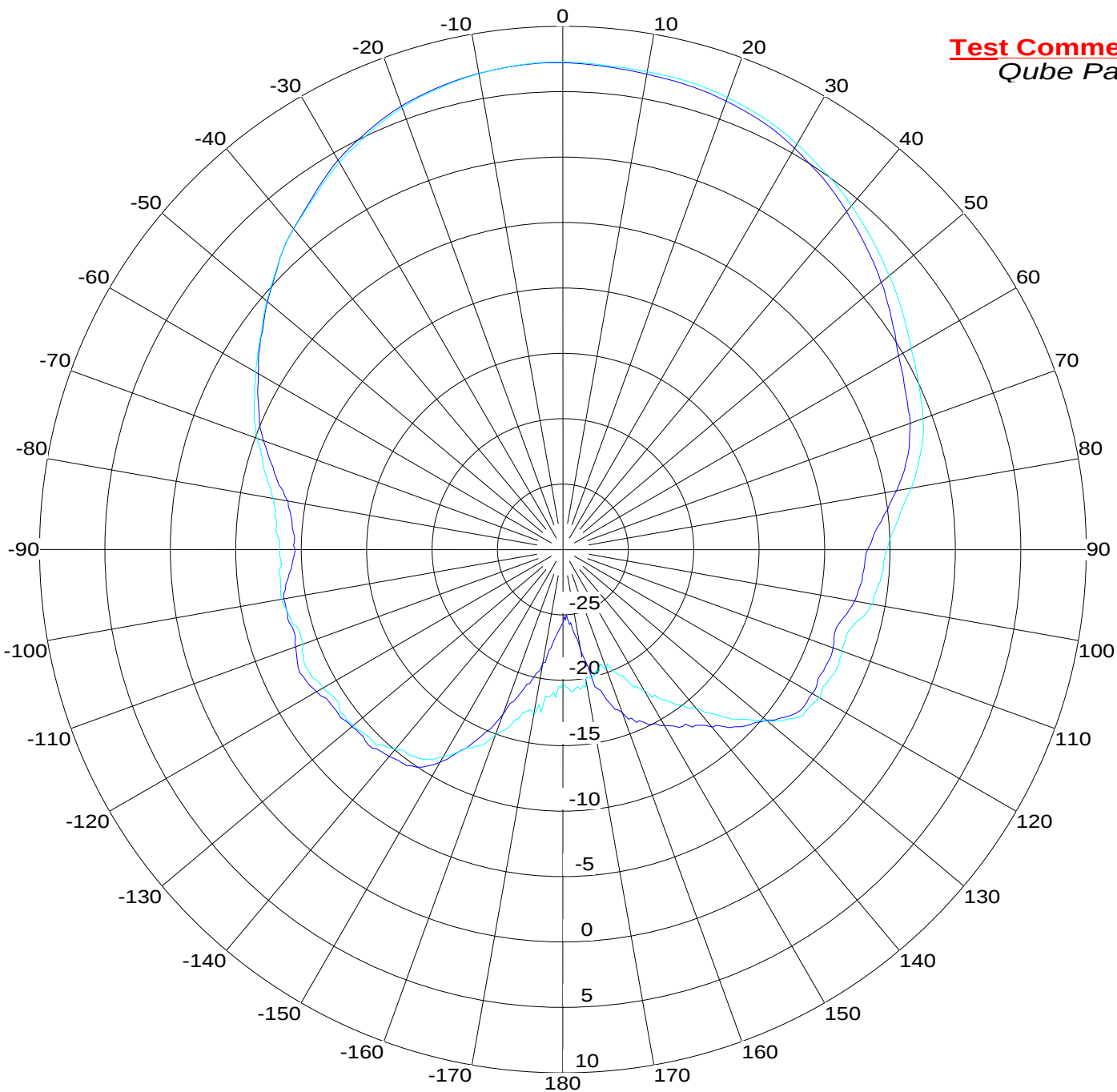
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A

QubePatch2_A



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.275 GHz

Cal. file table channel units

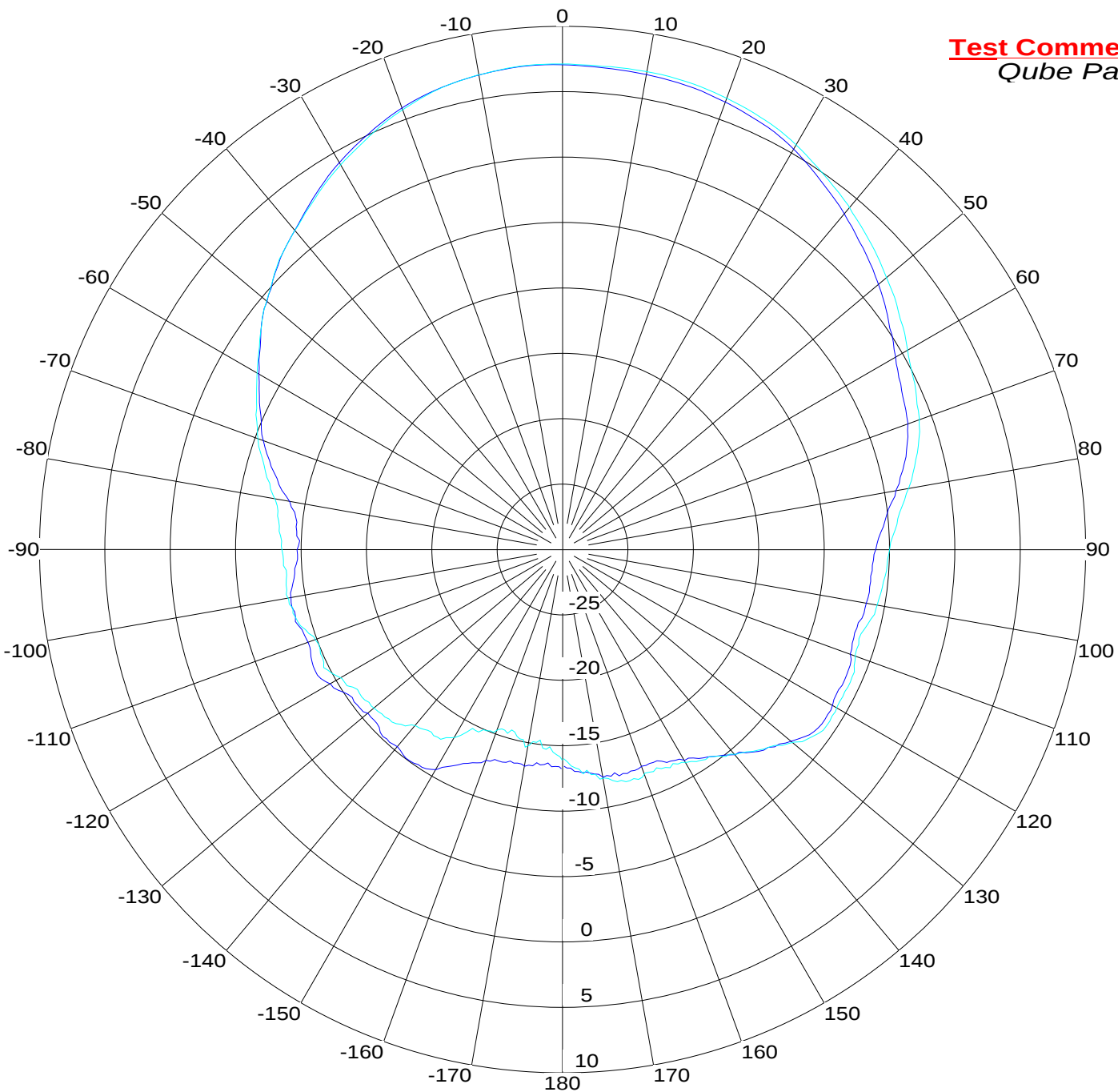
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.280 GHz

Cal. file table channel units

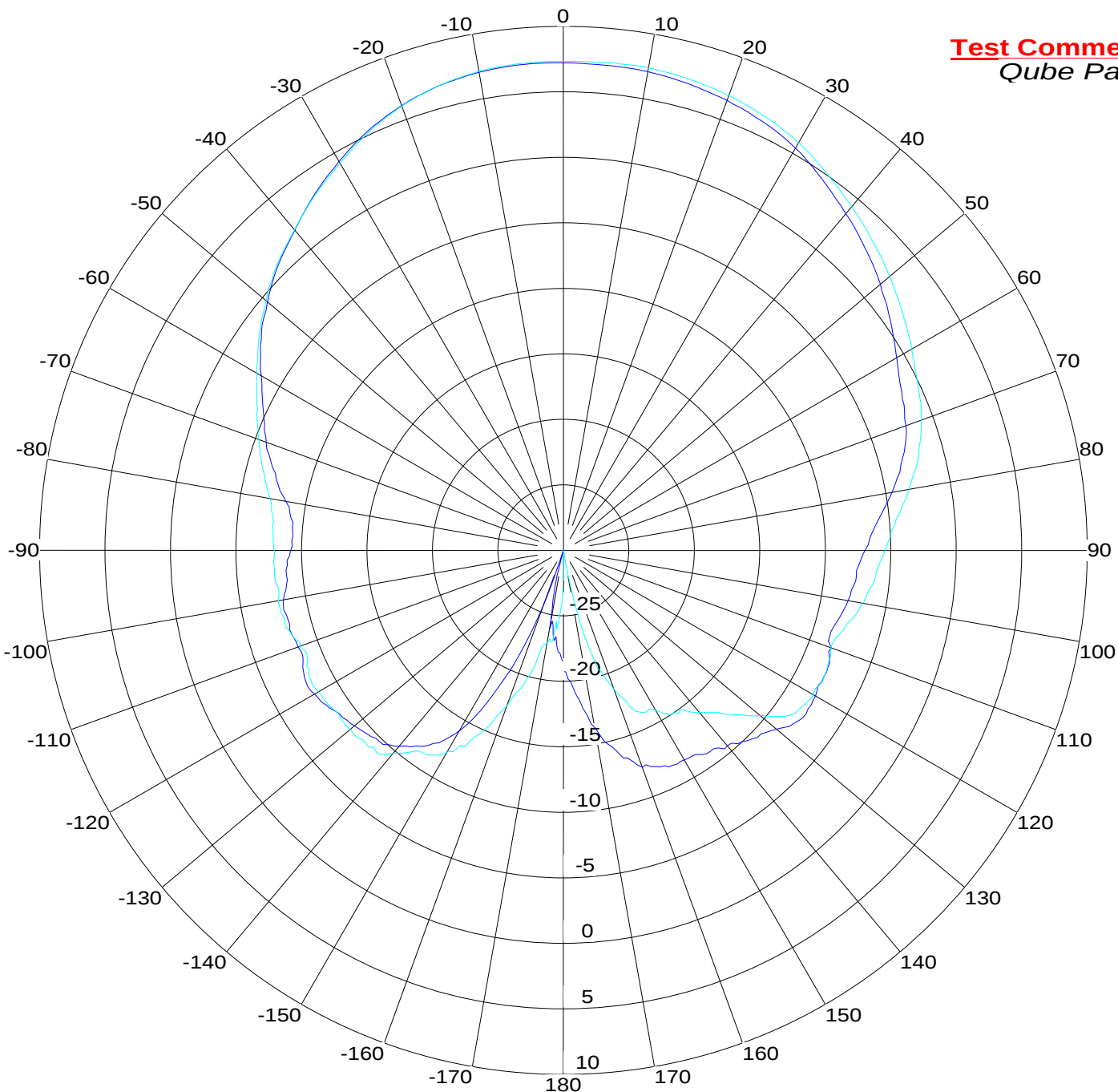
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A

QubePatch2_A



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.285 GHz

Cal. file table channel units

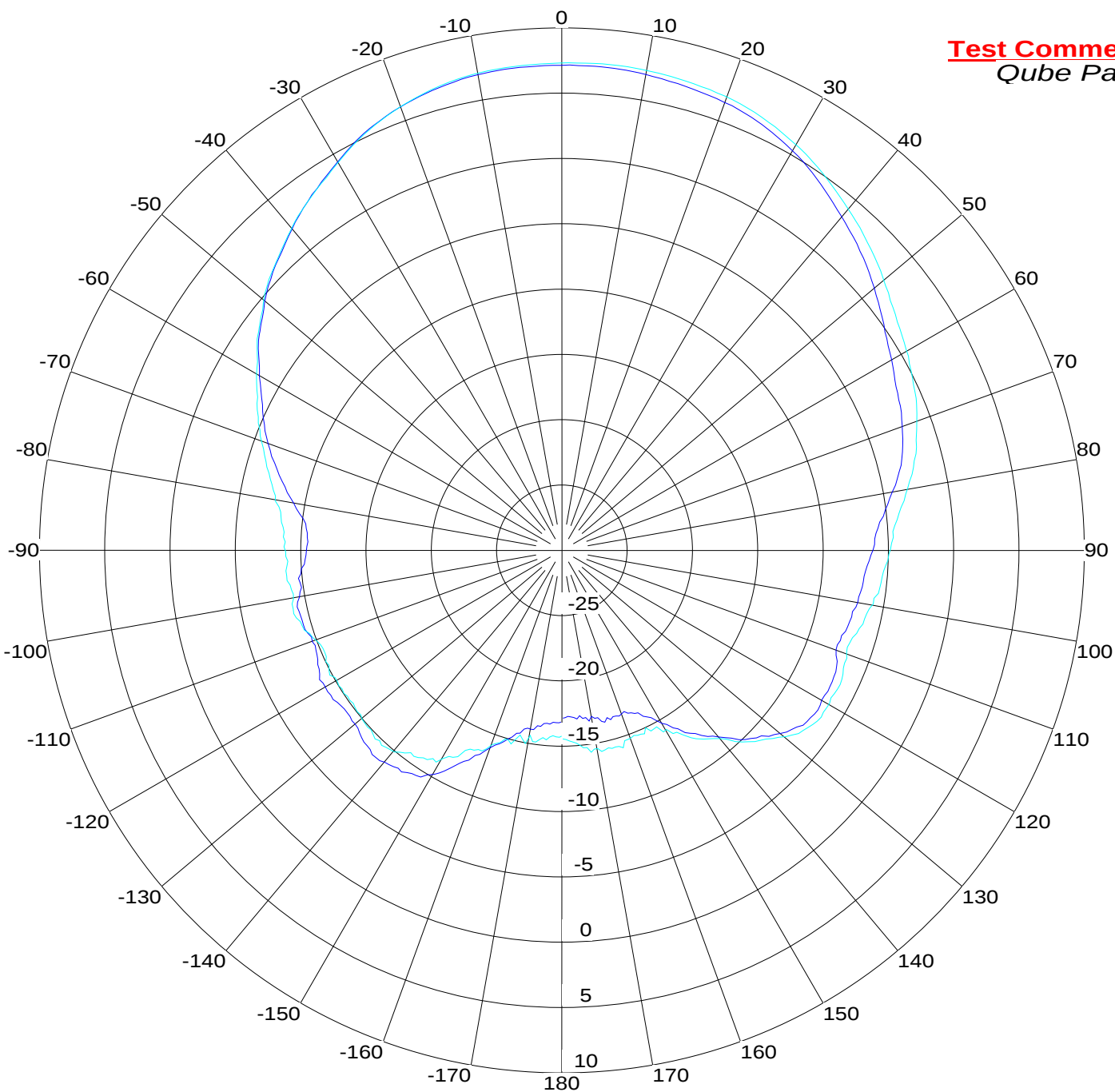
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.290 GHz

Cal. file table channel units

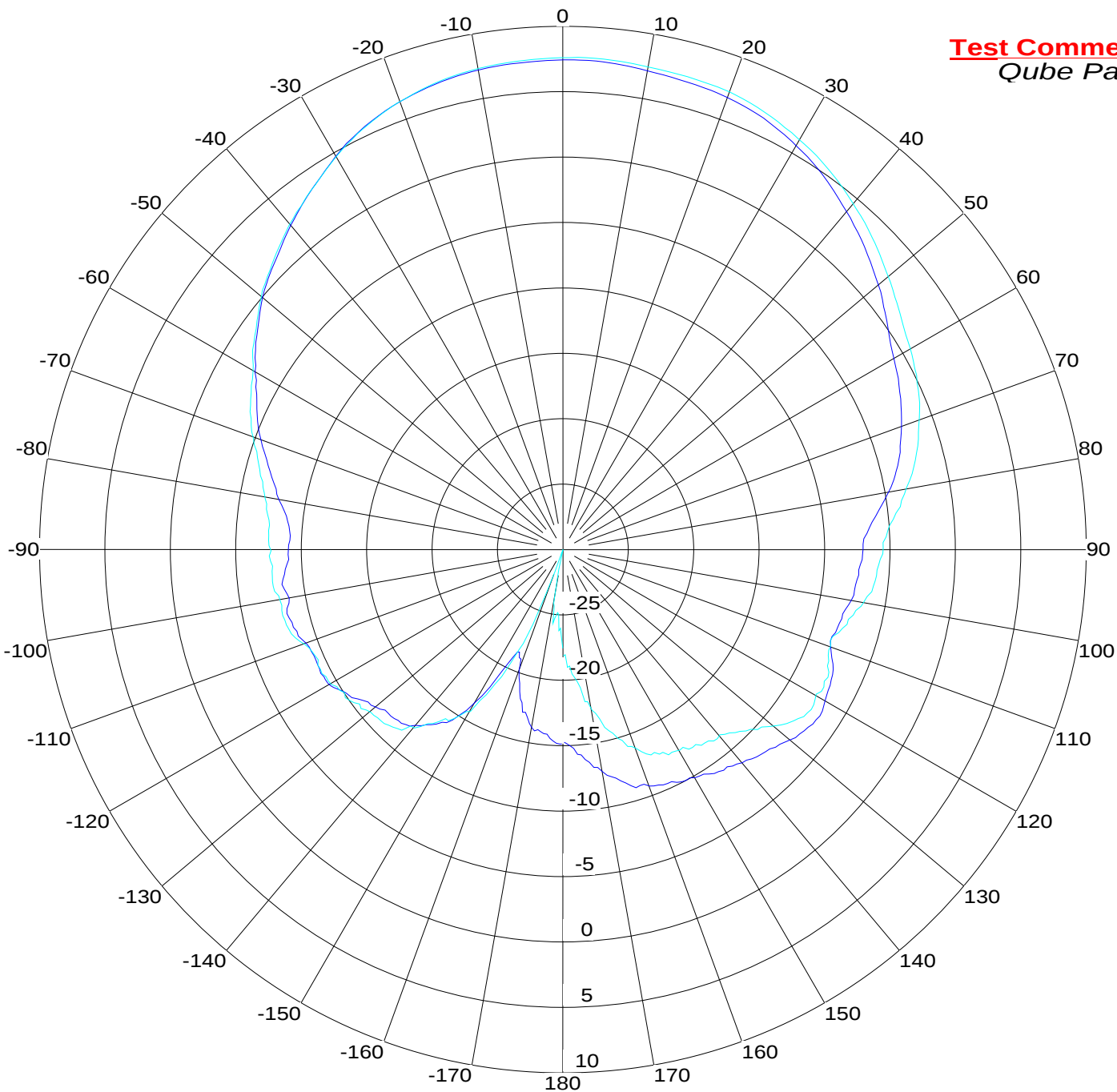
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.295 GHz

Cal. file table channel units

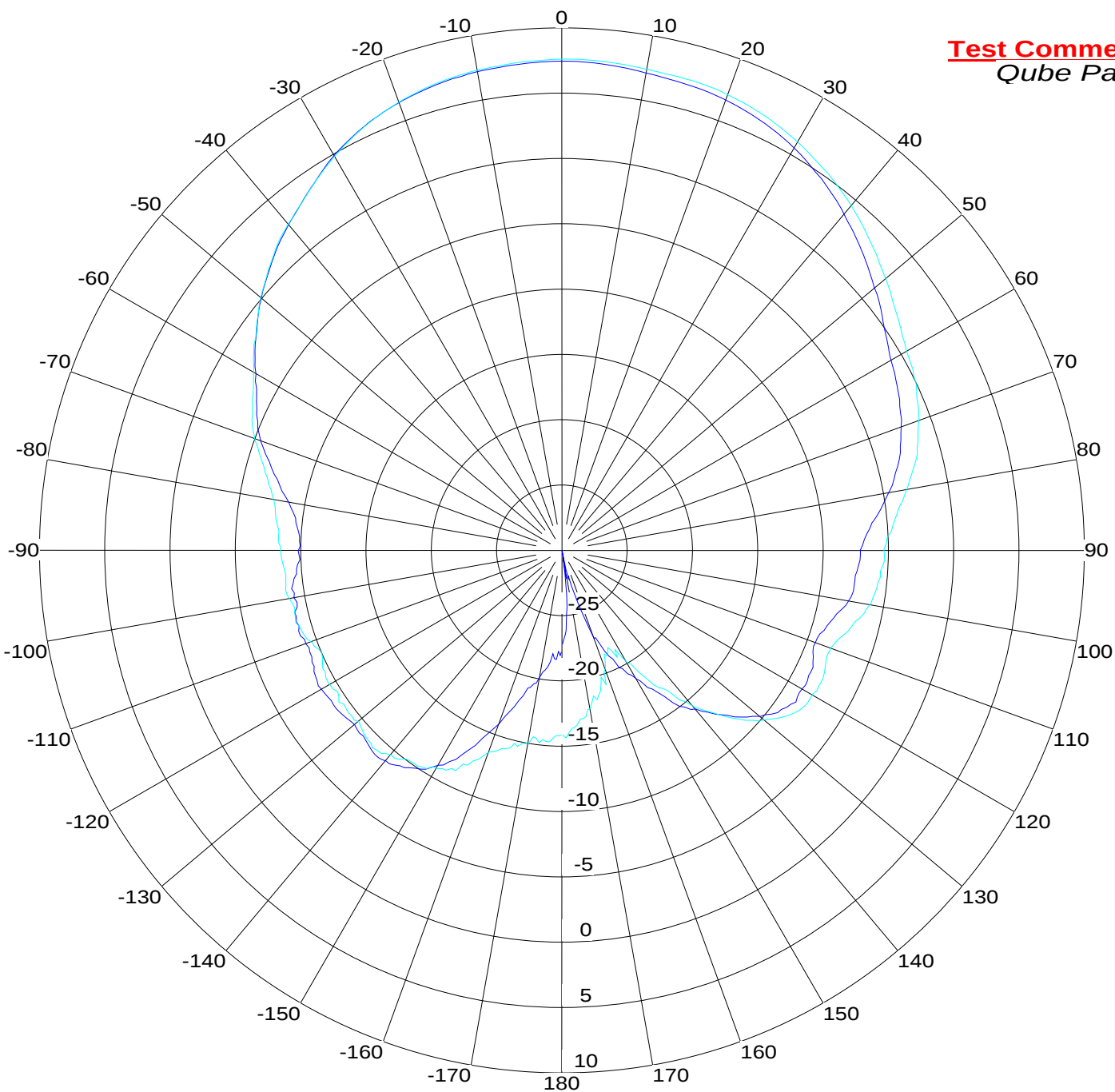
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.300 GHz

Cal. file table channel units

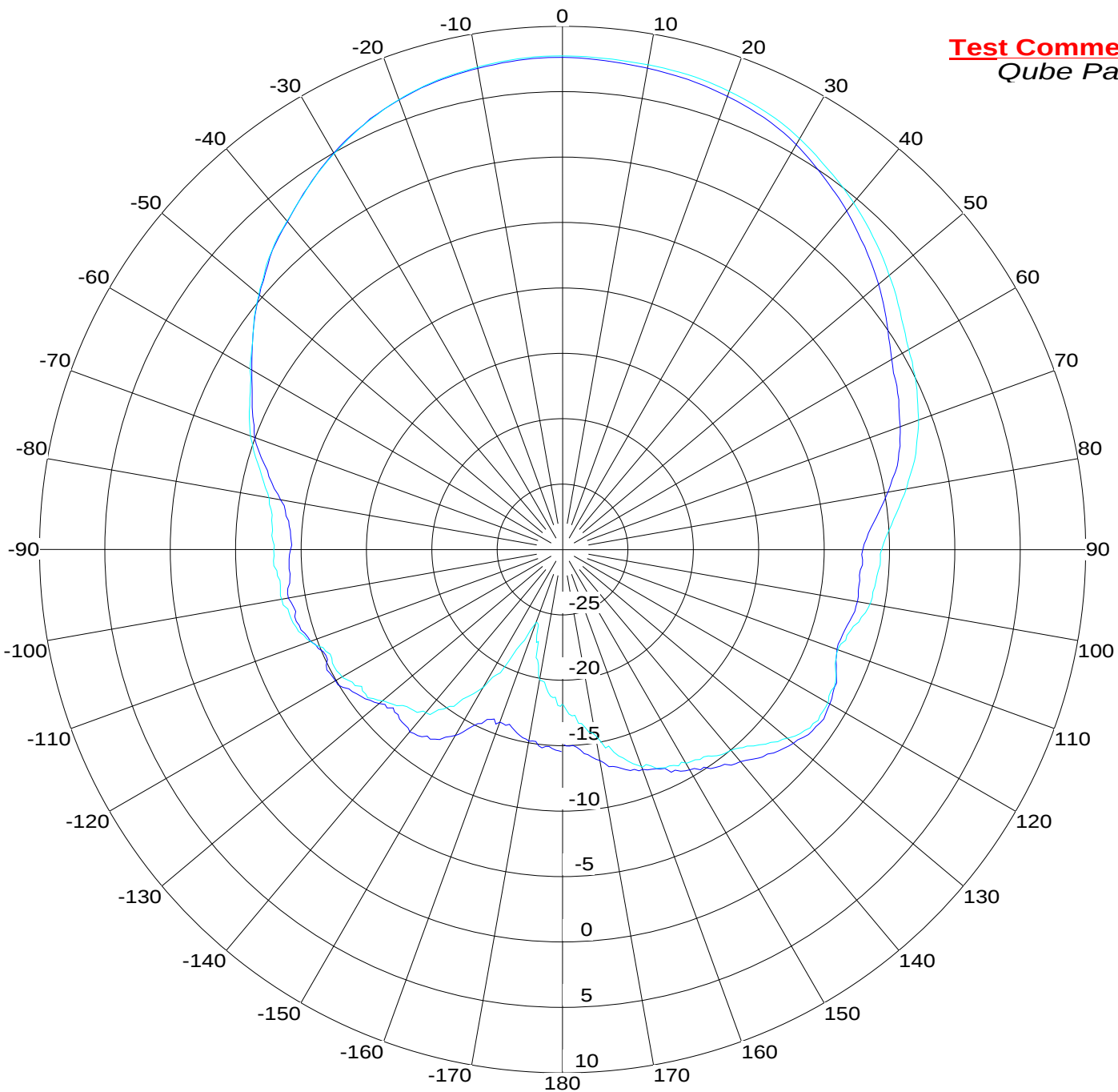
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.305 GHz

Cal. file table channel units

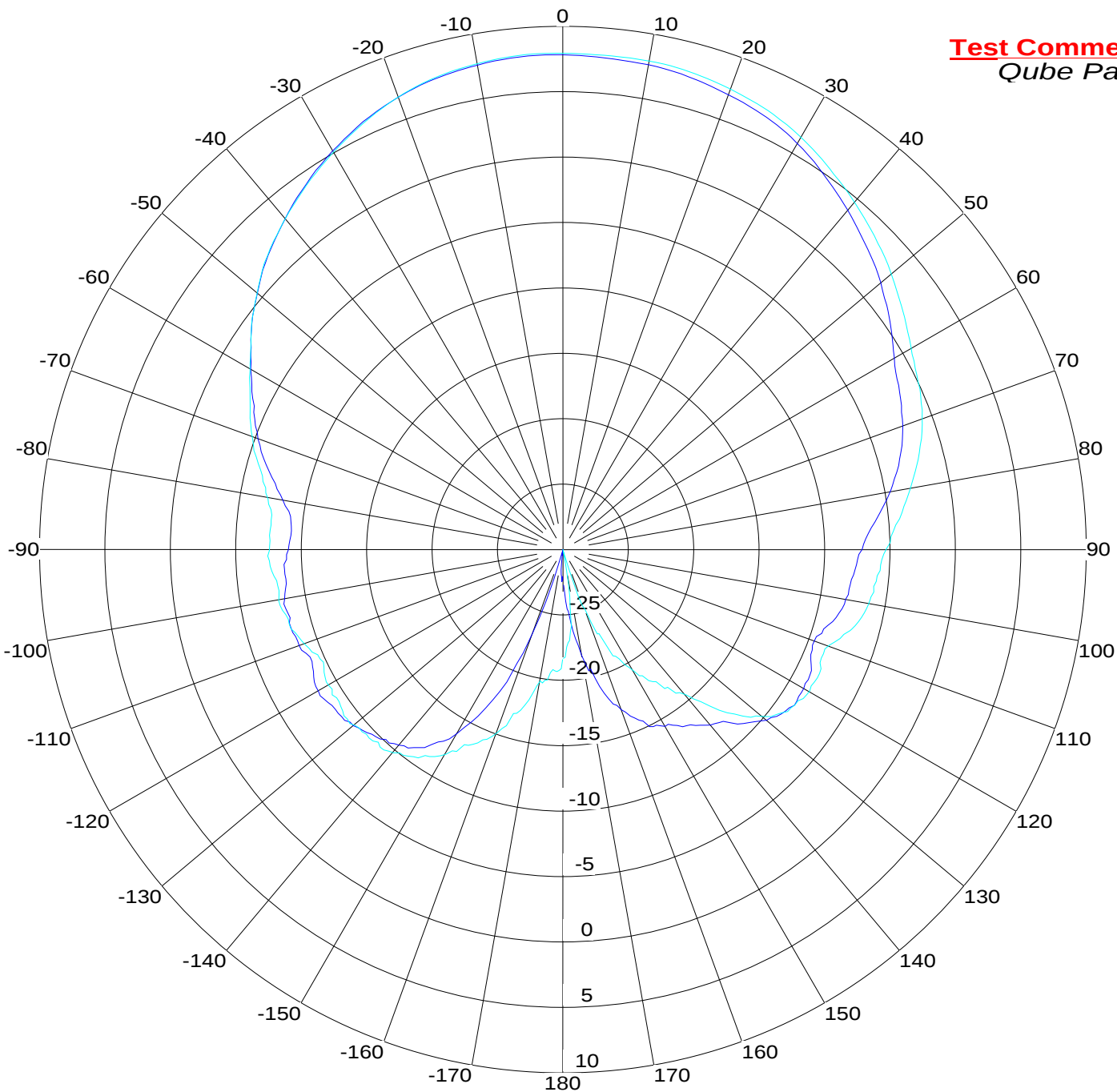
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A

QubePatch2_A



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.310 GHz

Cal. file table channel units

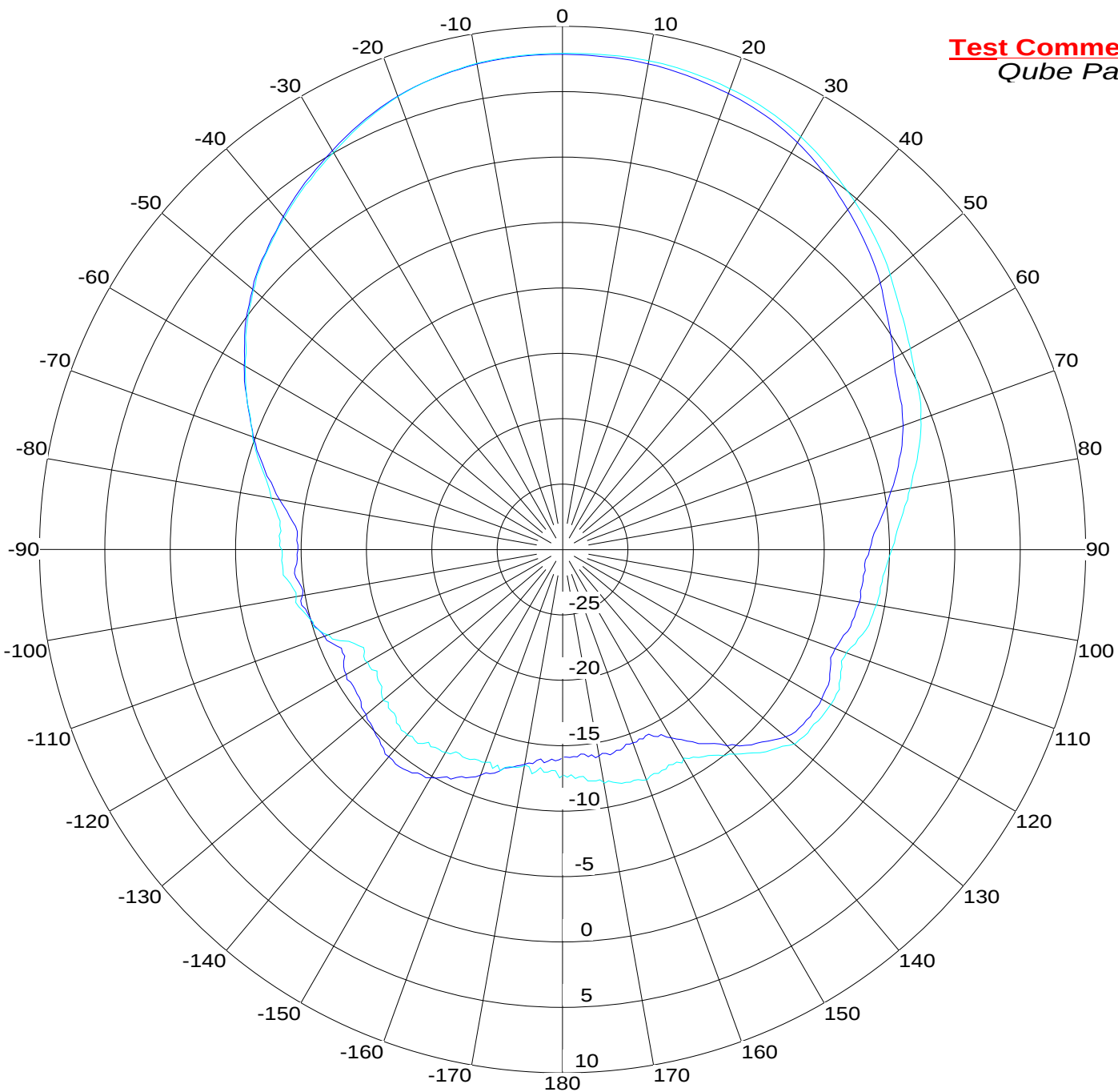
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.315 GHz

Cal. file table channel units

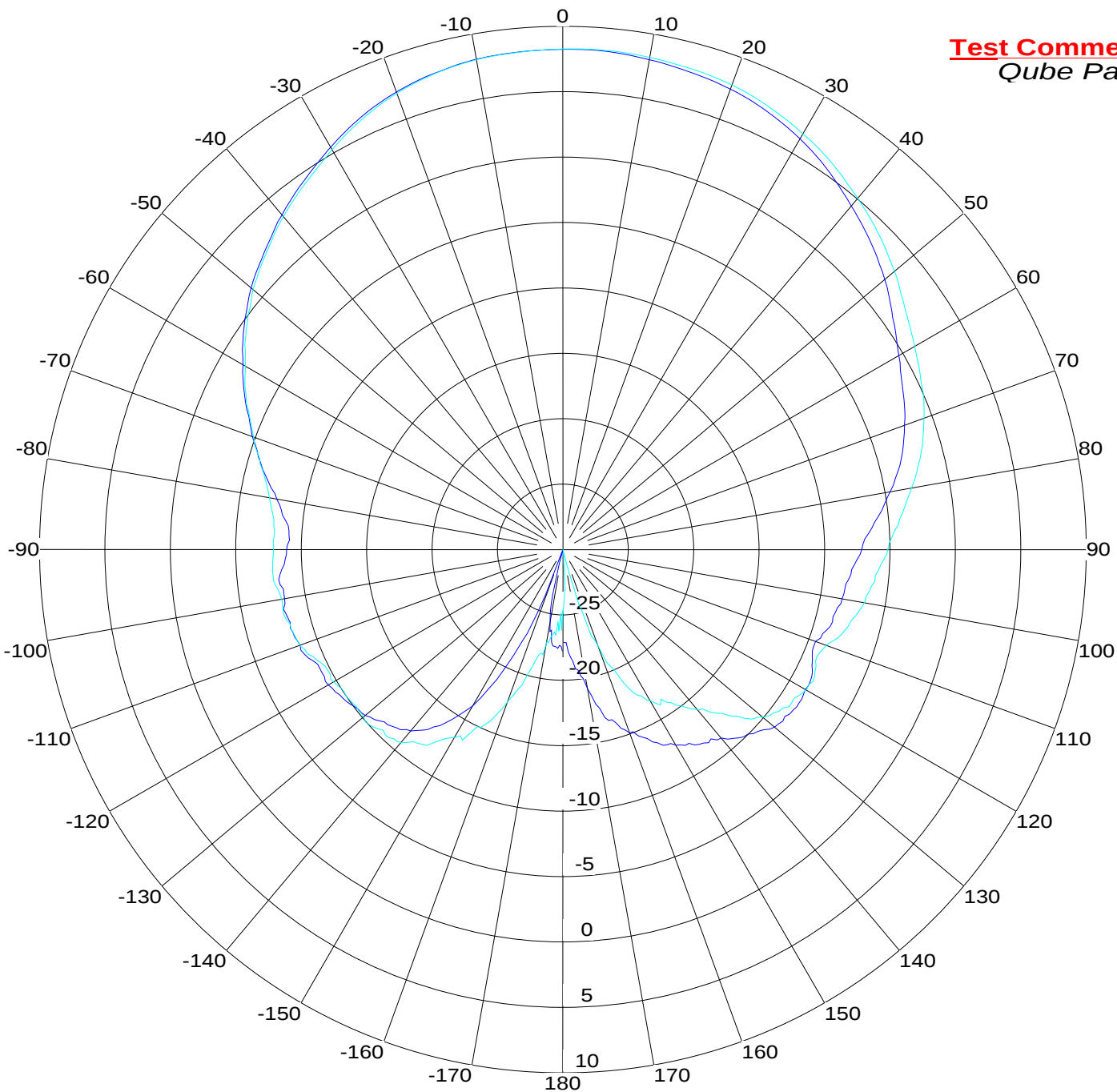
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.320 GHz

Cal. file table channel units

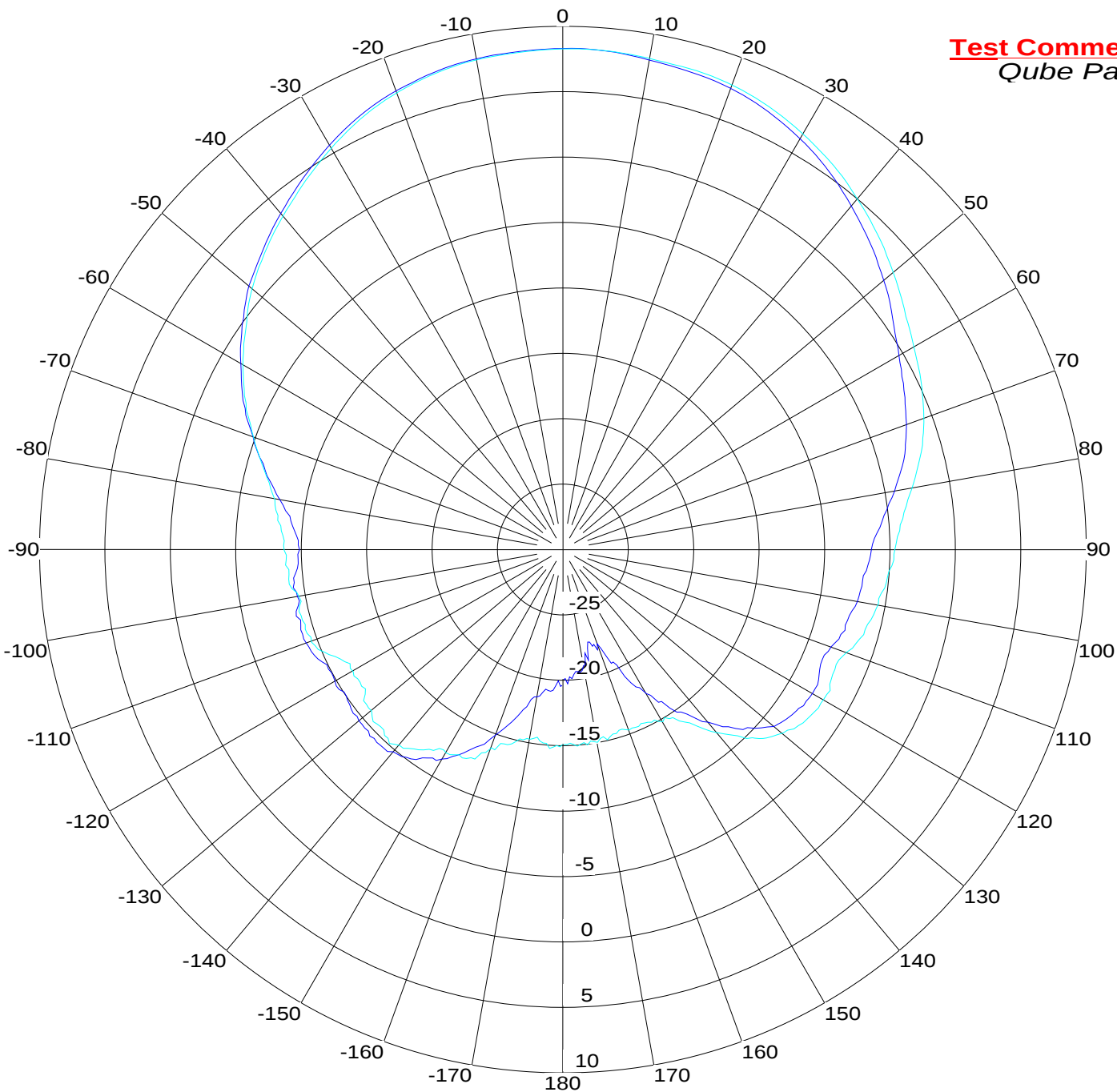
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.325 GHz

Cal. file table channel units

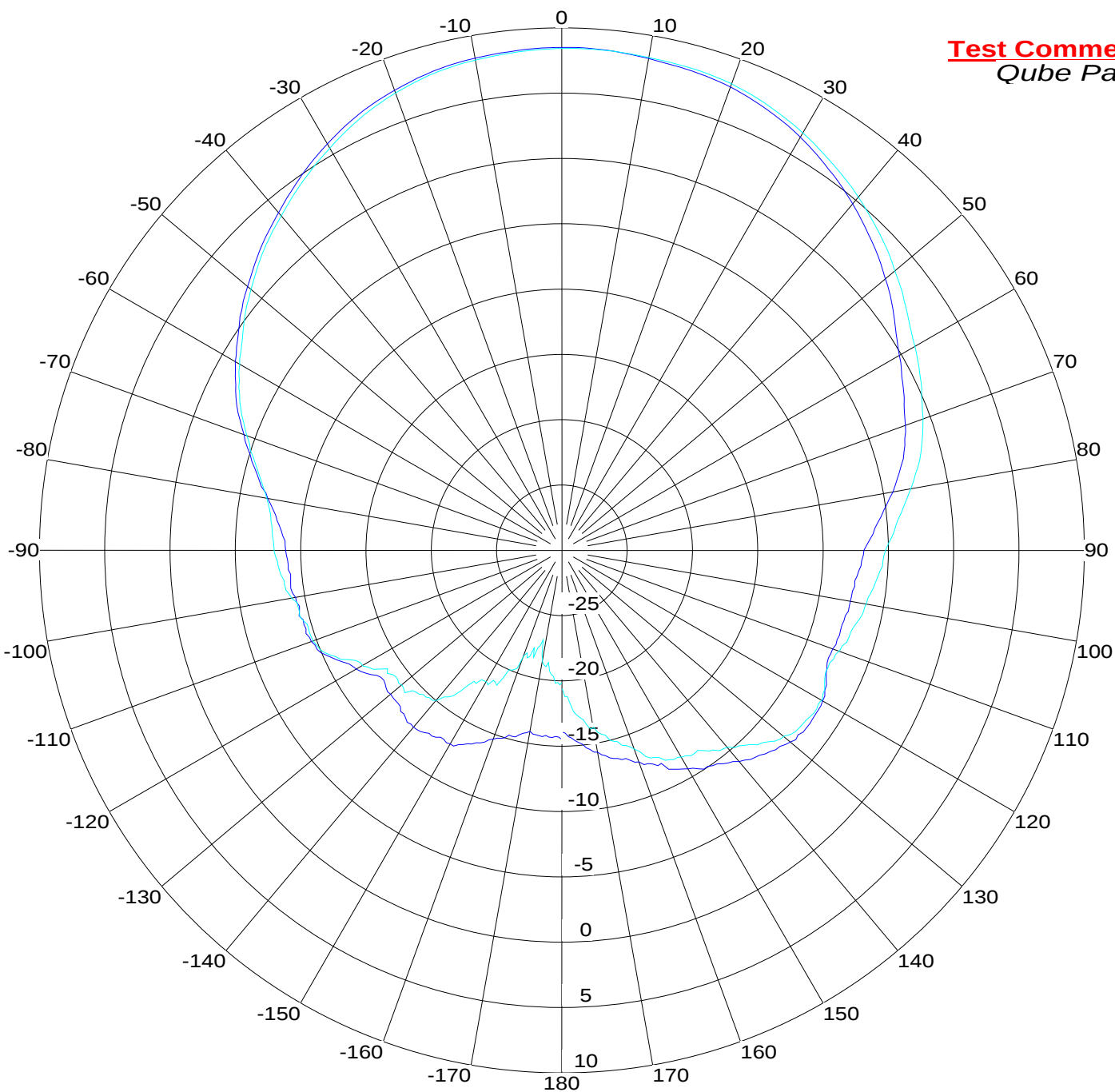
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.330 GHz

Cal. file table channel units

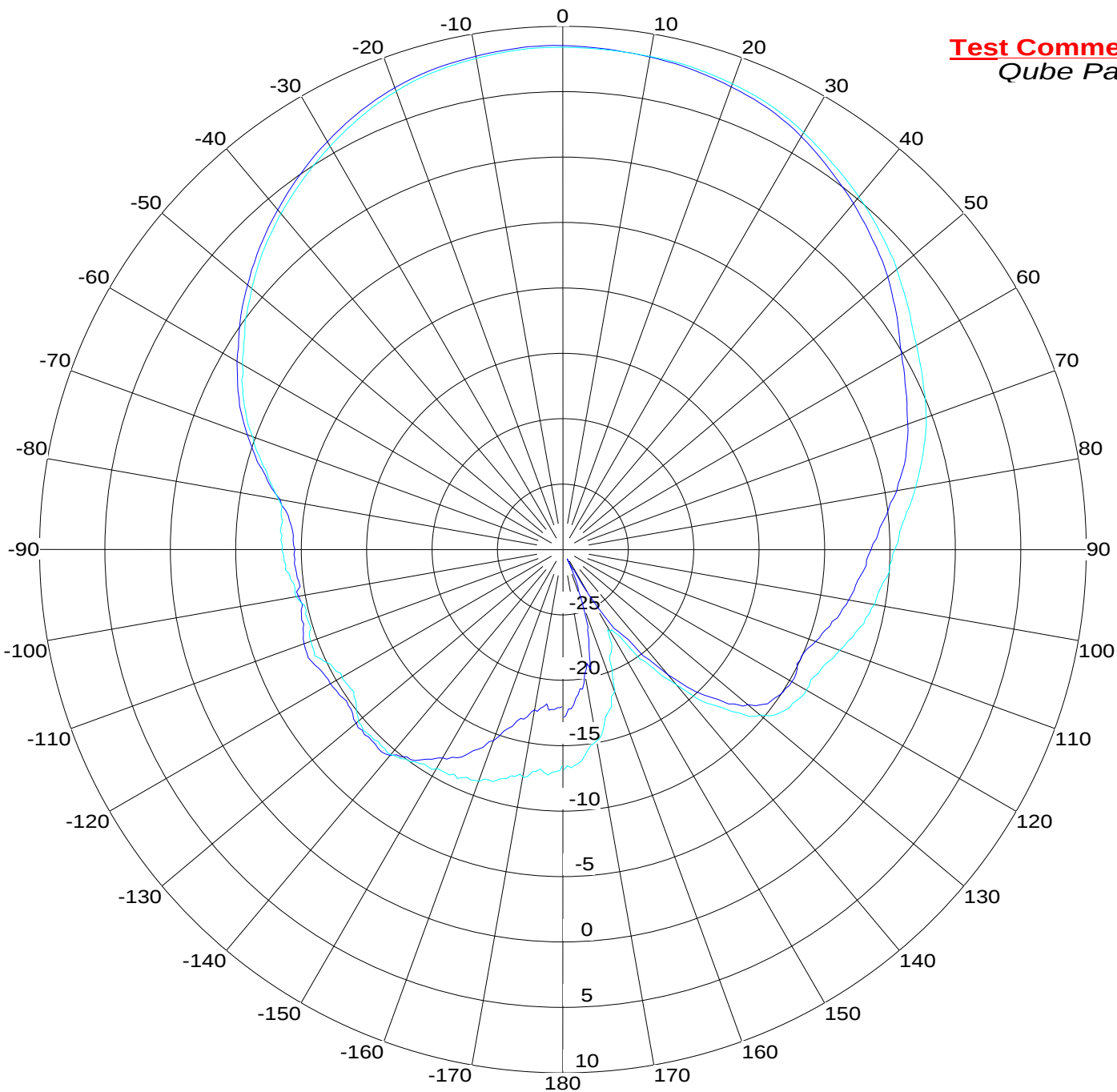
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.335 GHz

Cal. file table channel units

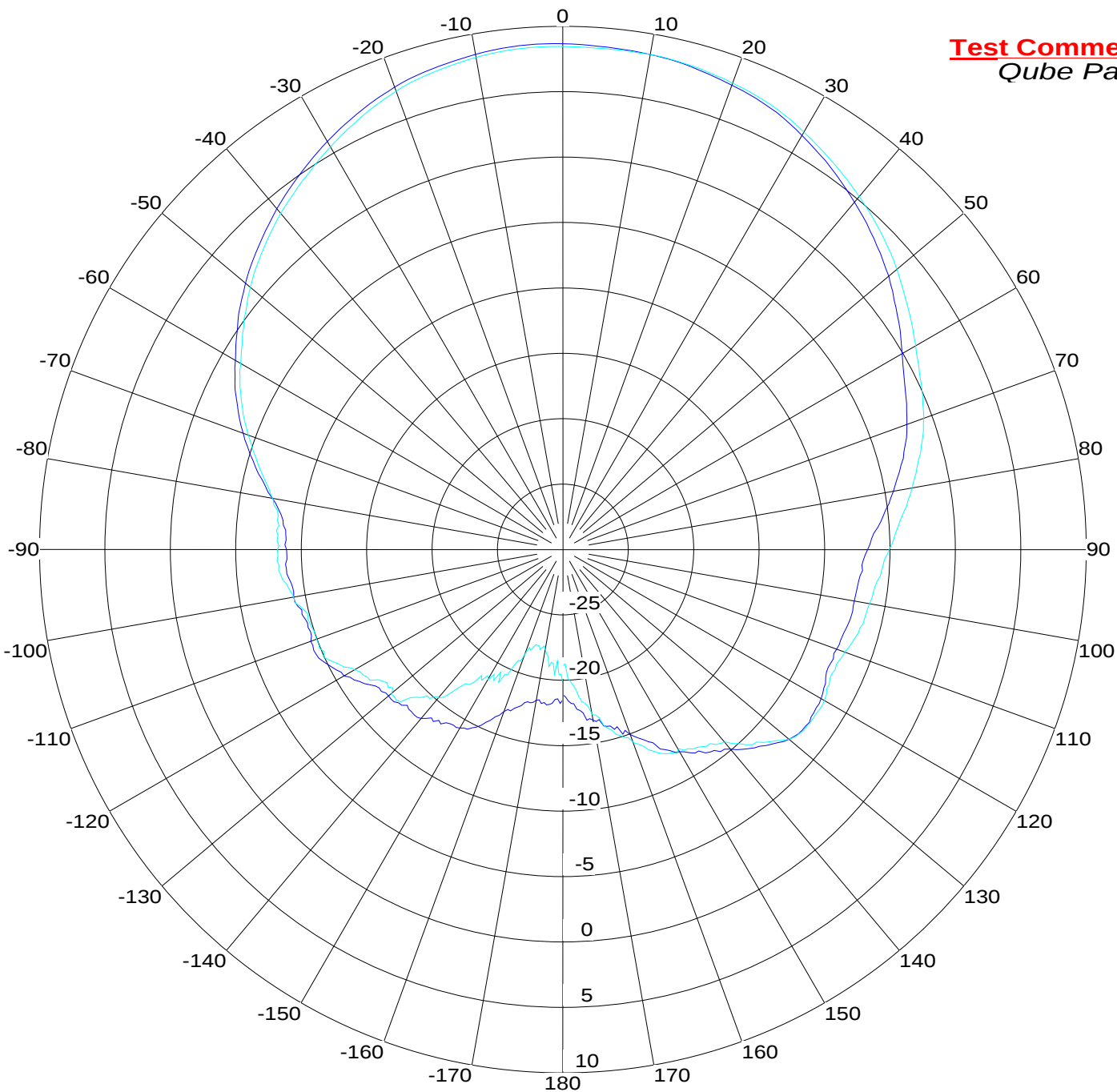
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.340 GHz

Cal. file table channel units

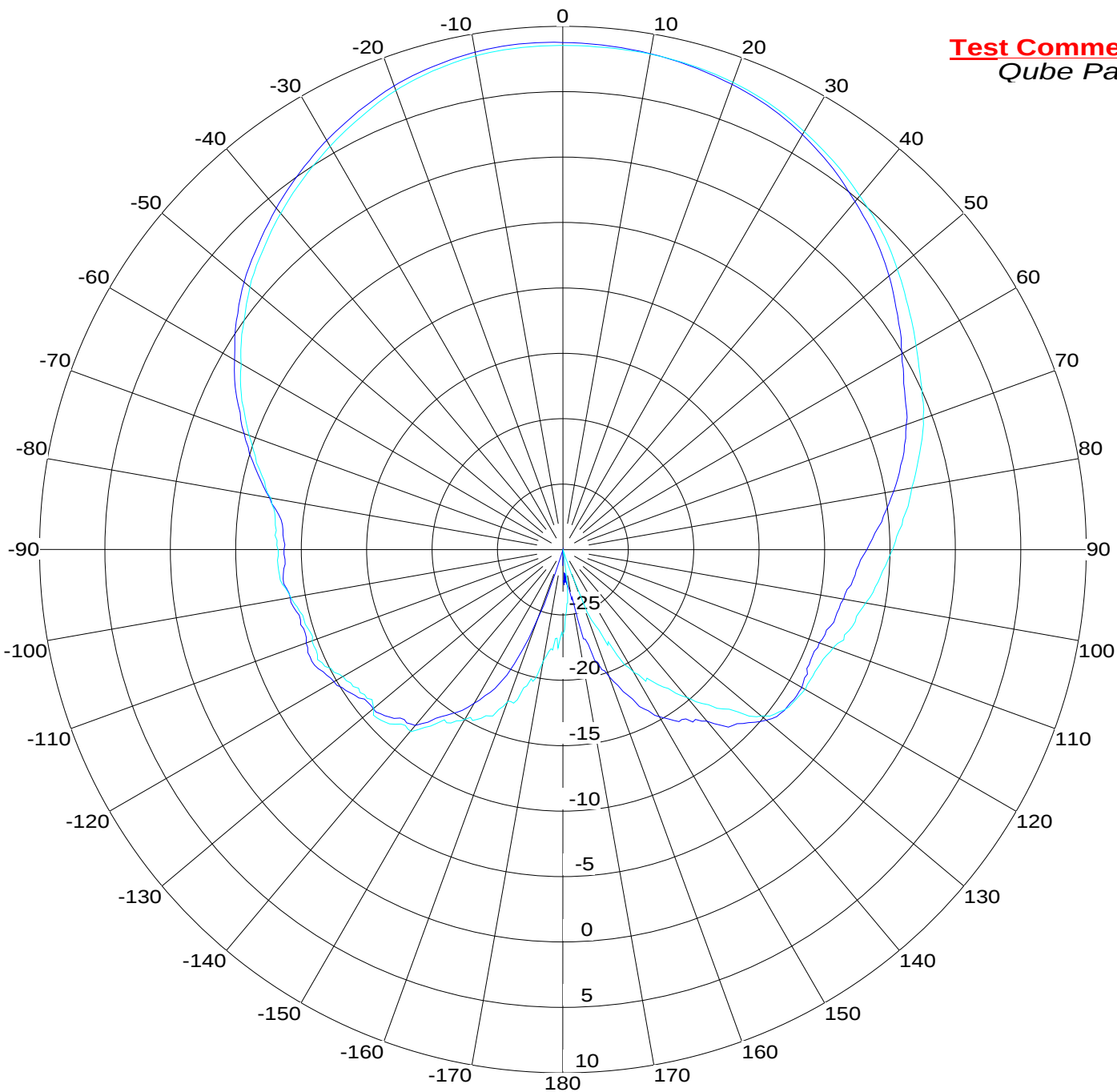
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.345 GHz

Cal. file table channel units

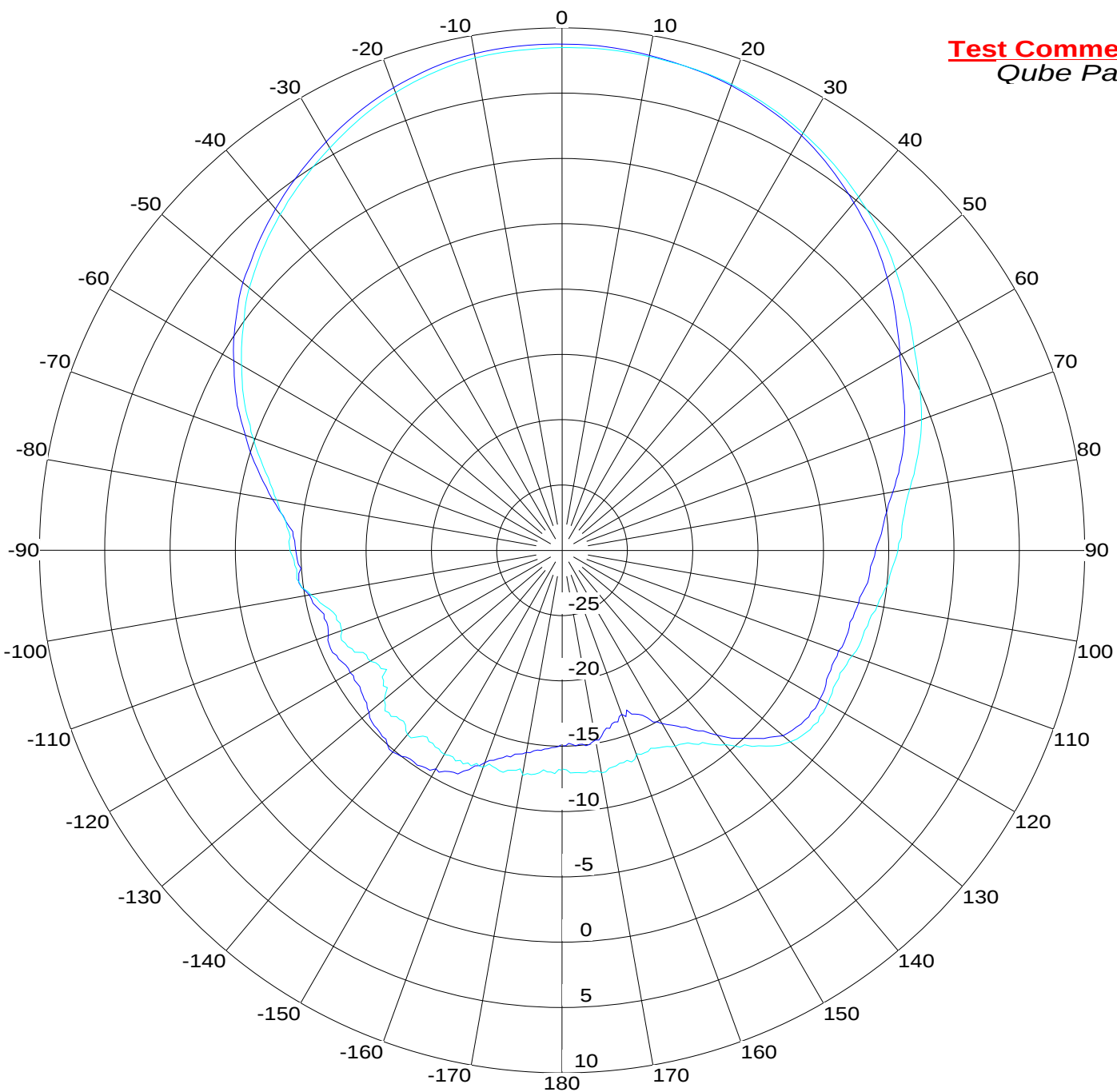
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.350 GHz

Cal. file table channel units

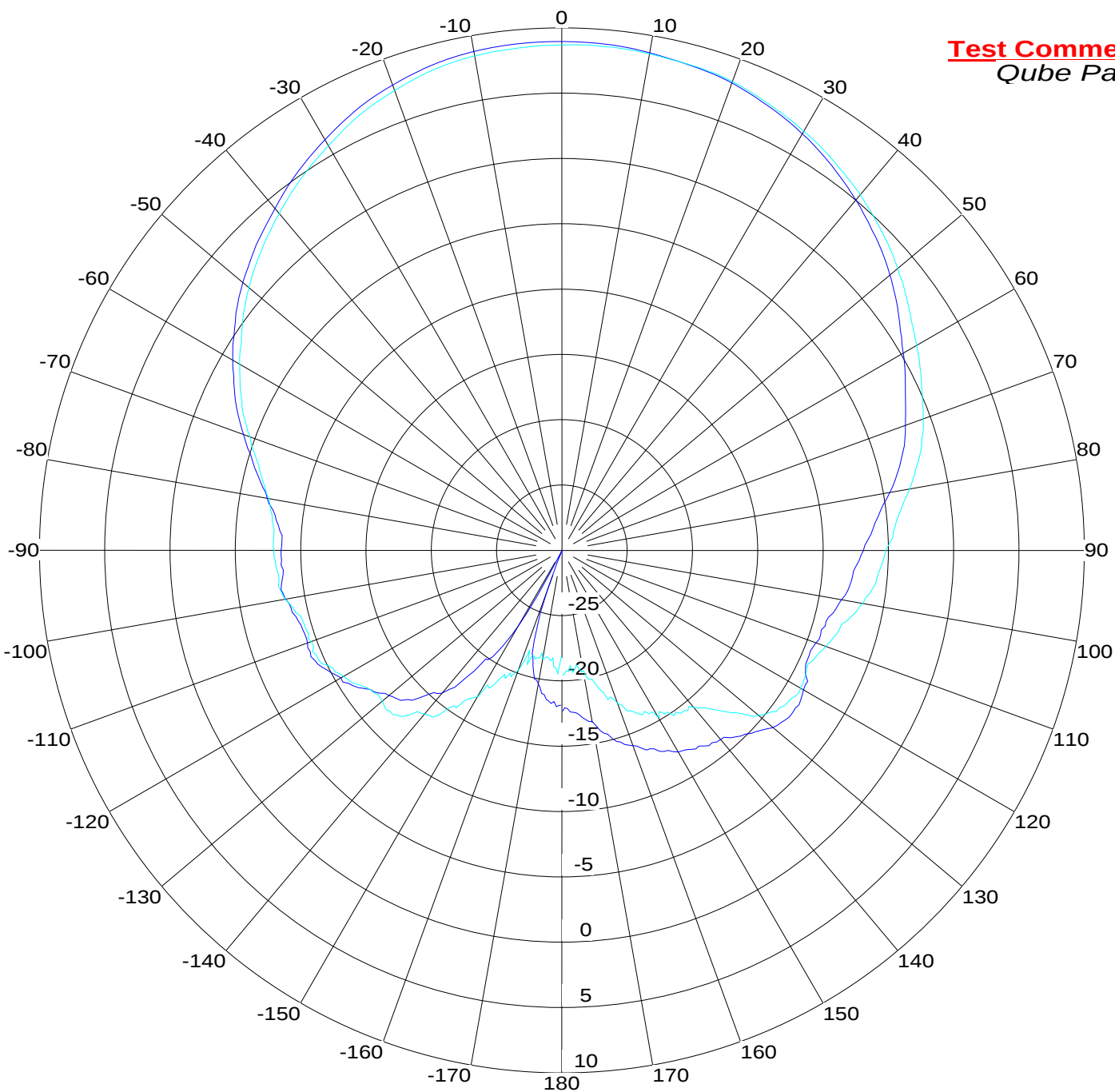
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.355 GHz

Cal. file table channel units

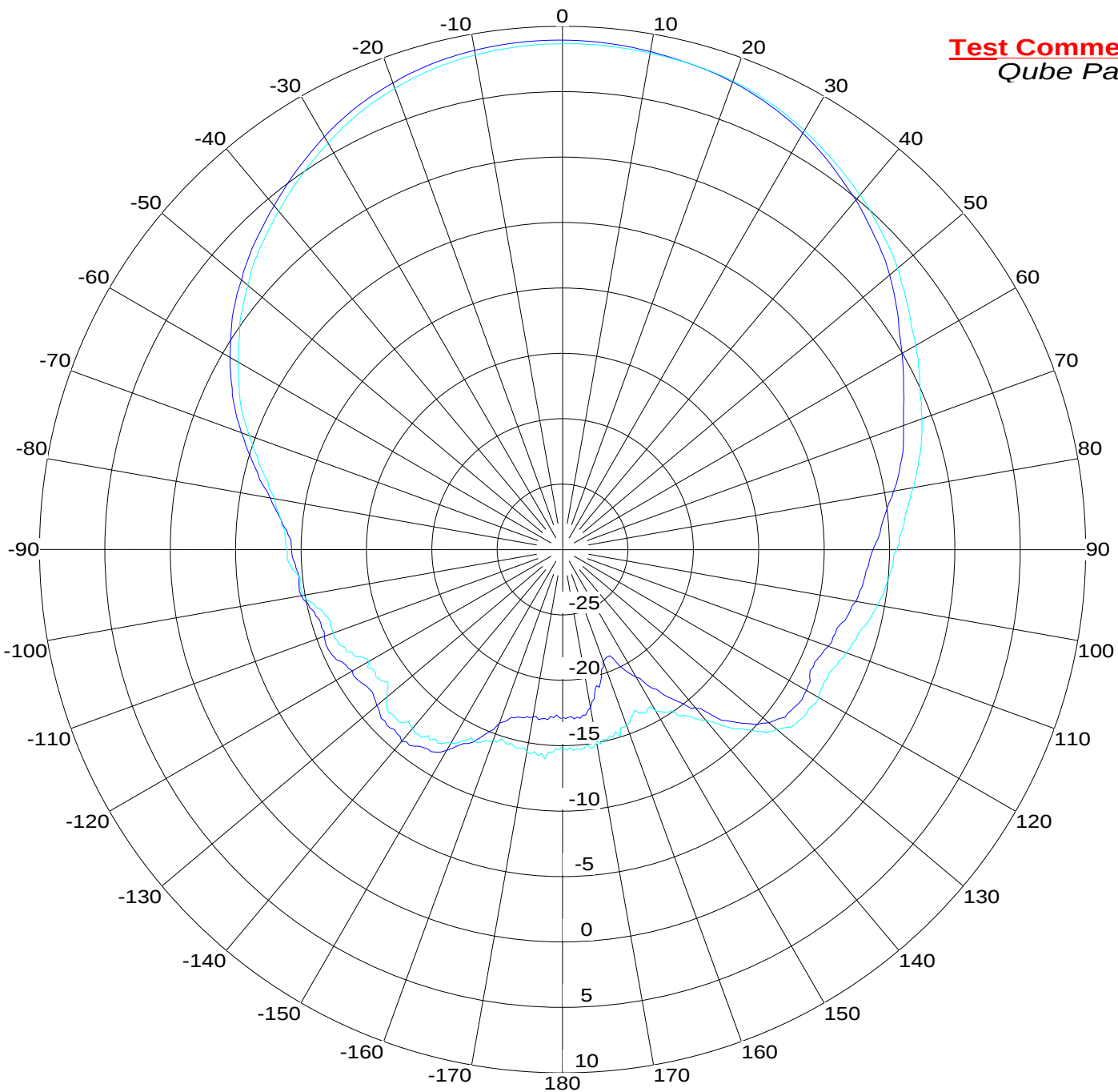
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.360 GHz

Cal. file table channel units

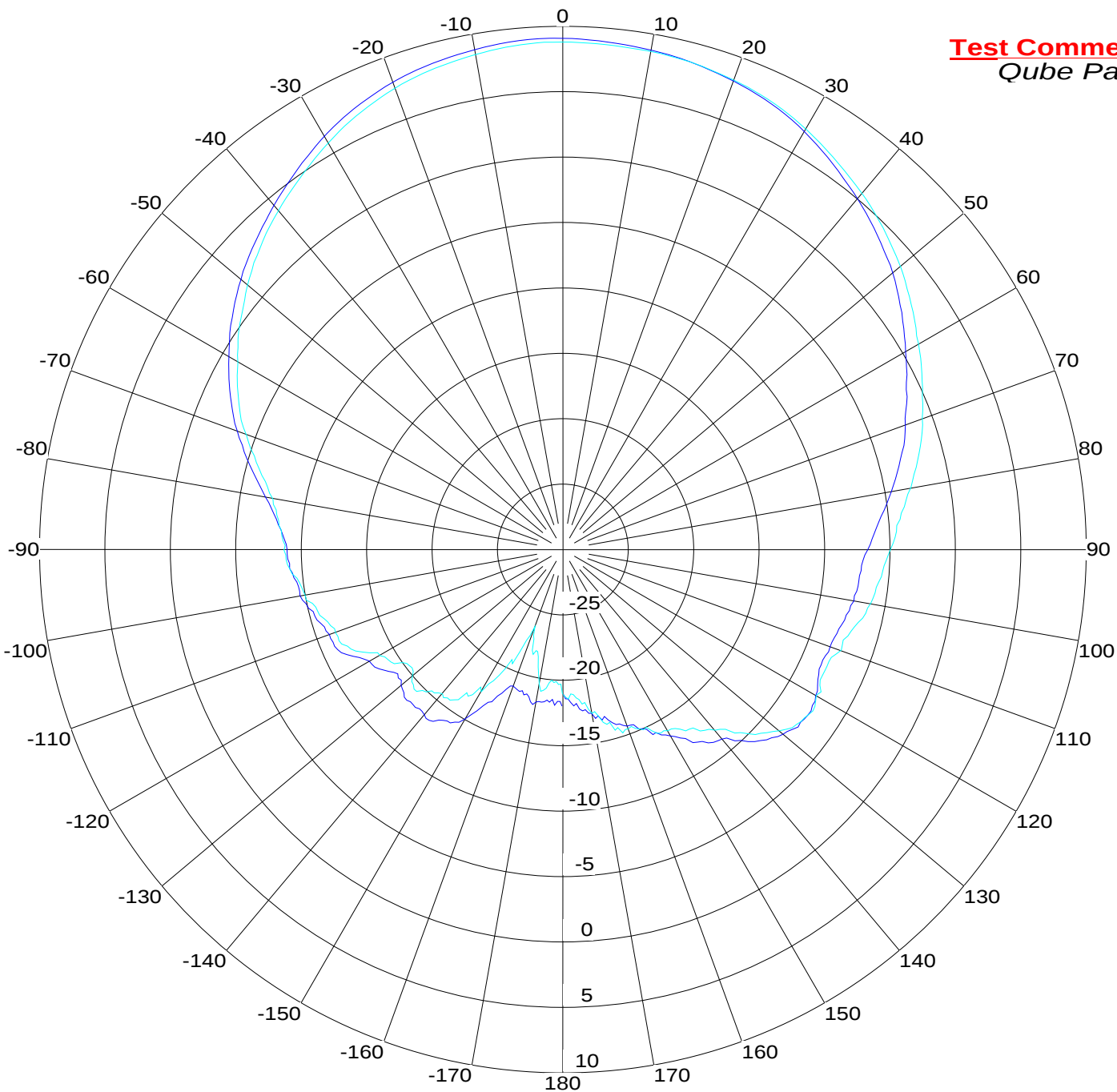
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.365 GHz

Cal. file table channel units

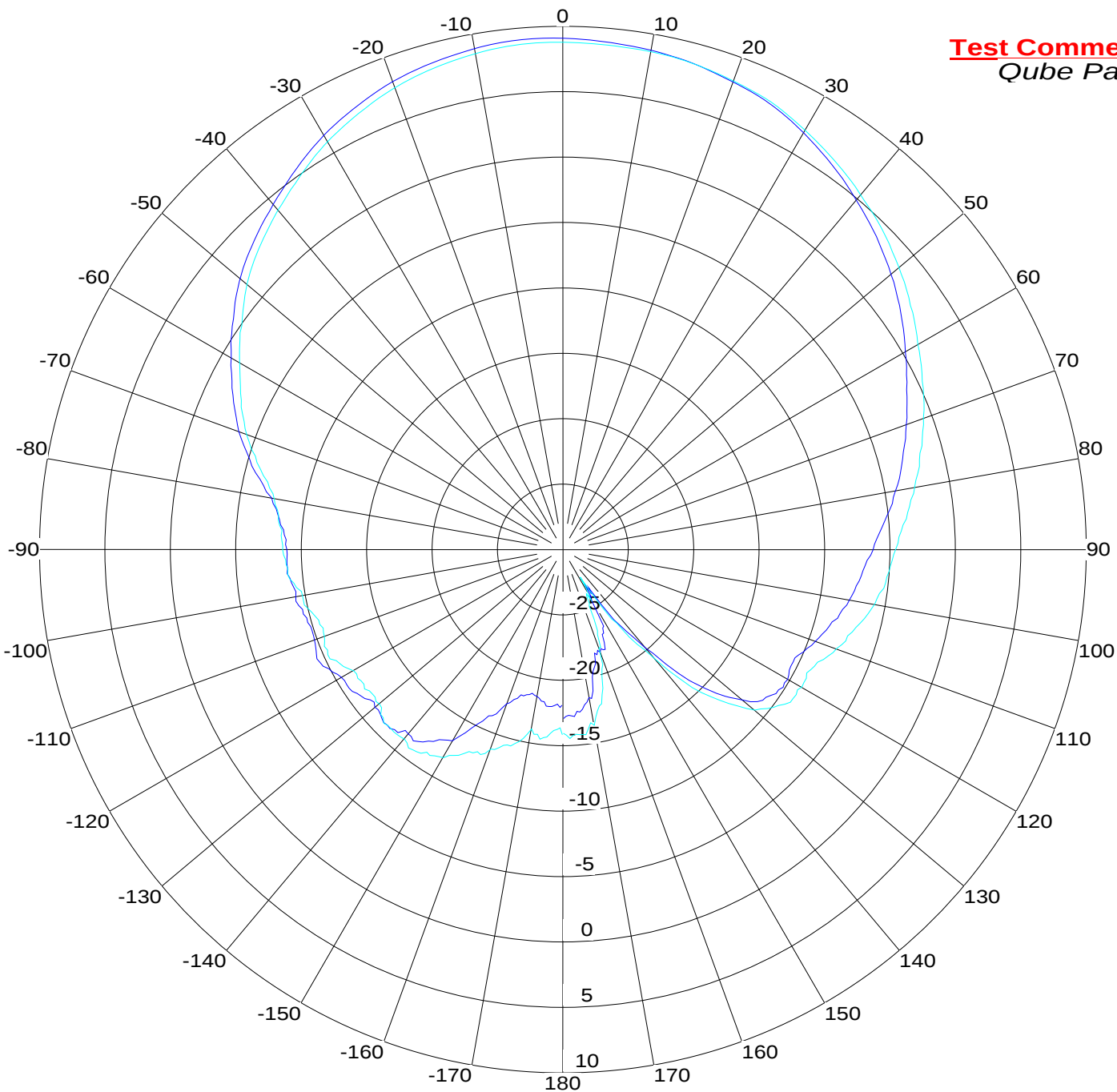
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.370 GHz

Cal. file table channel units

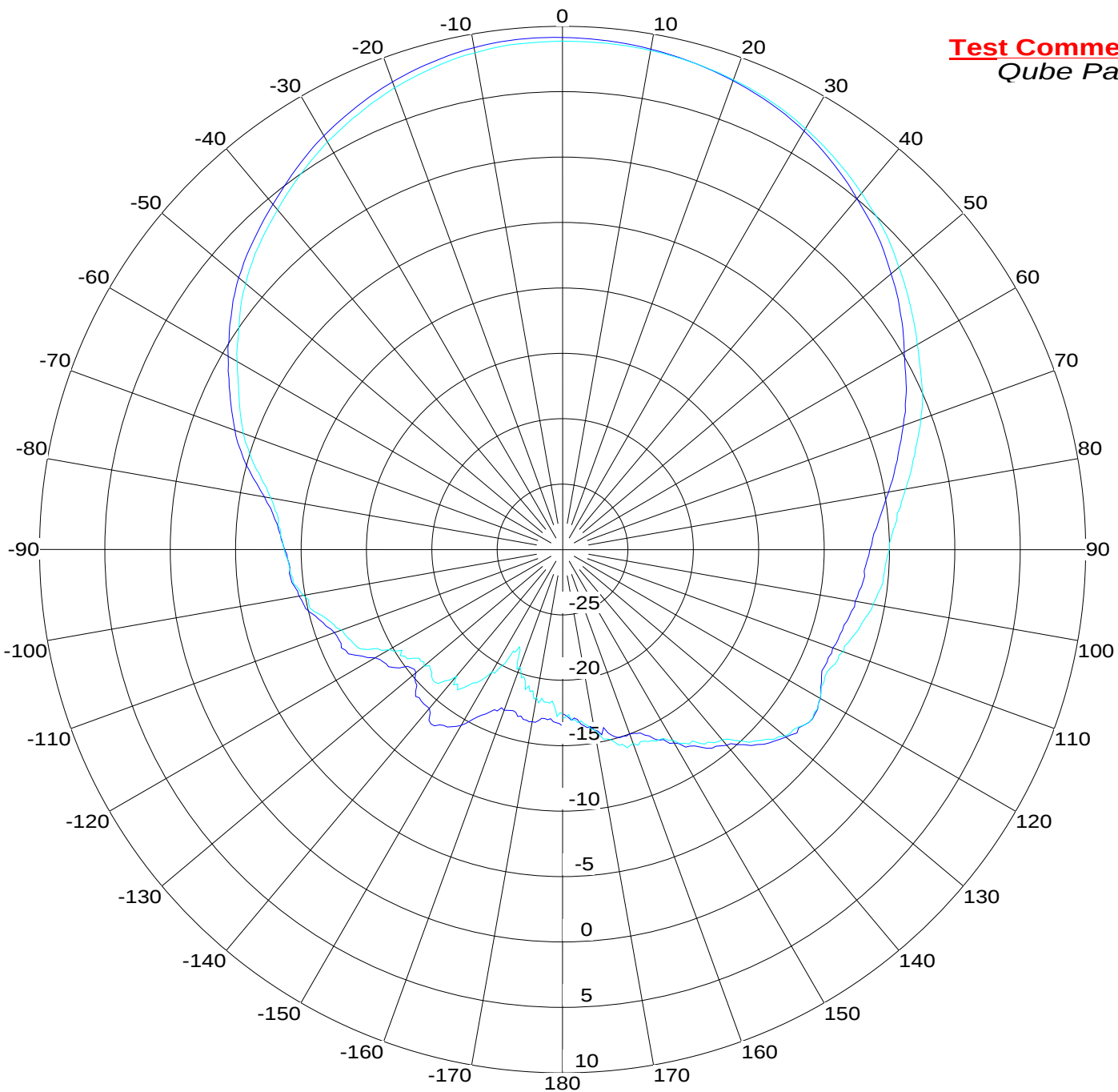
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.375 GHz

Cal. file table channel units

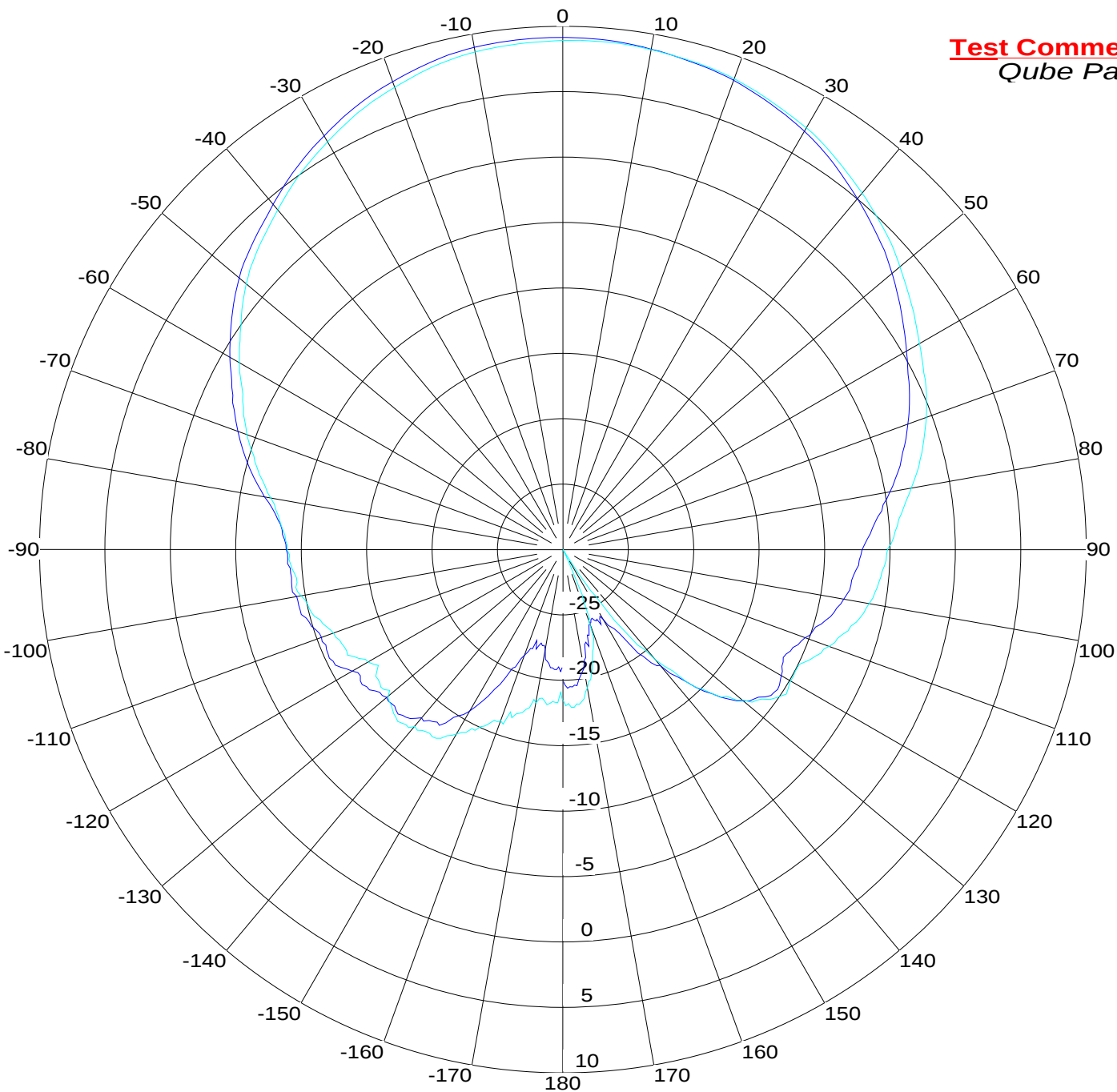
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.380 GHz

Cal. file table channel units

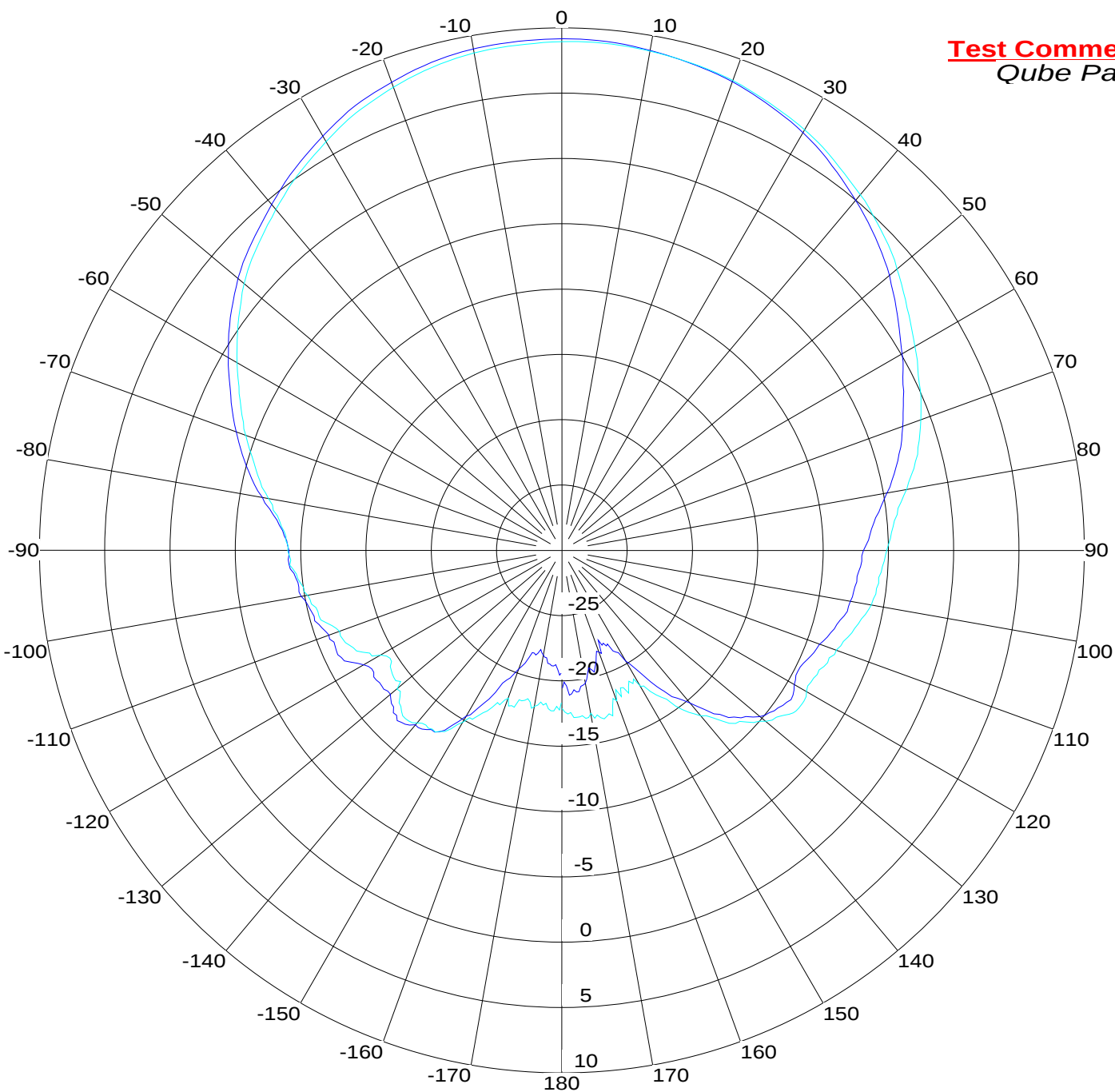
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.385 GHz

Cal. file table channel units

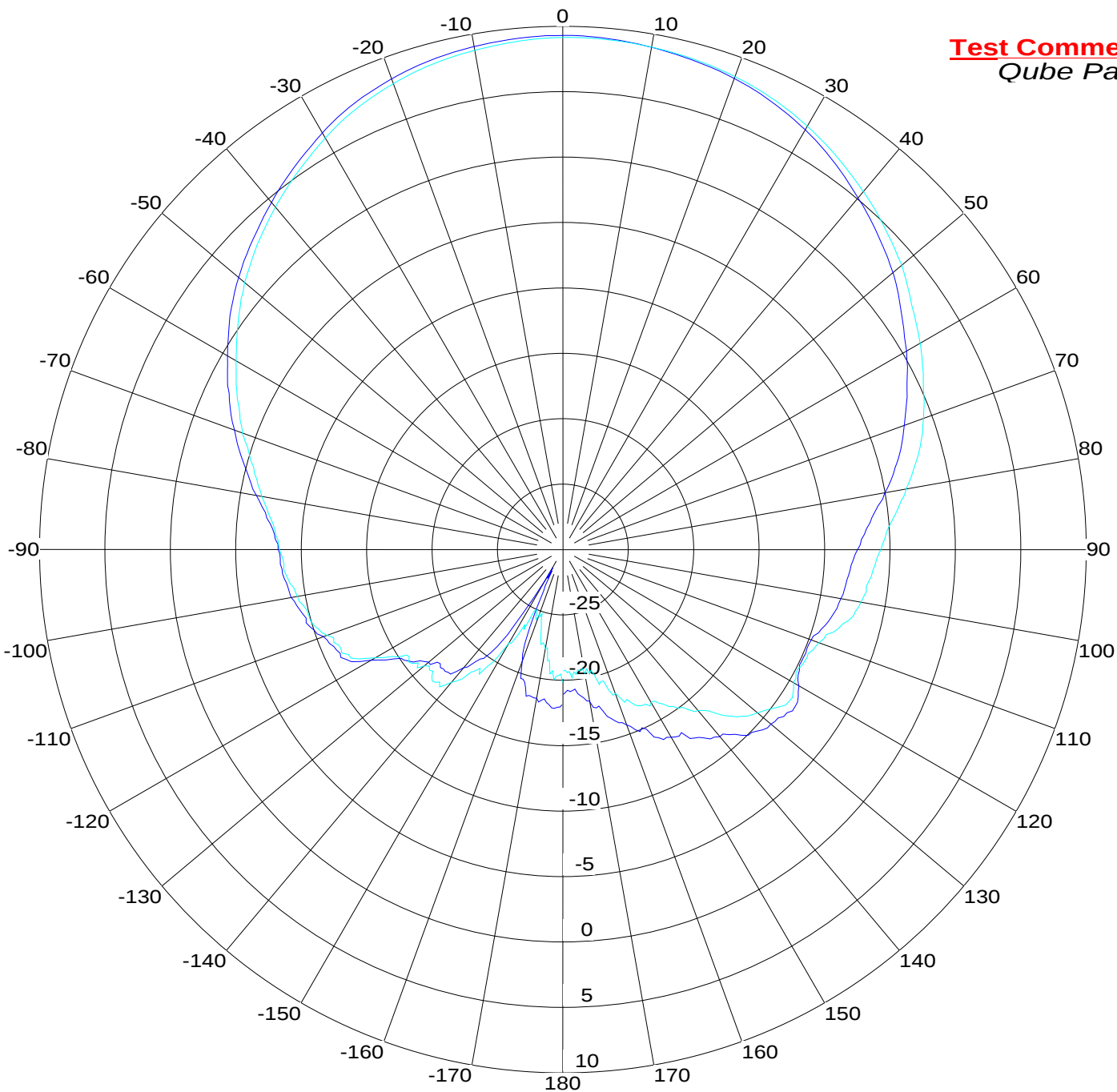
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.390 GHz

Cal. file table channel units

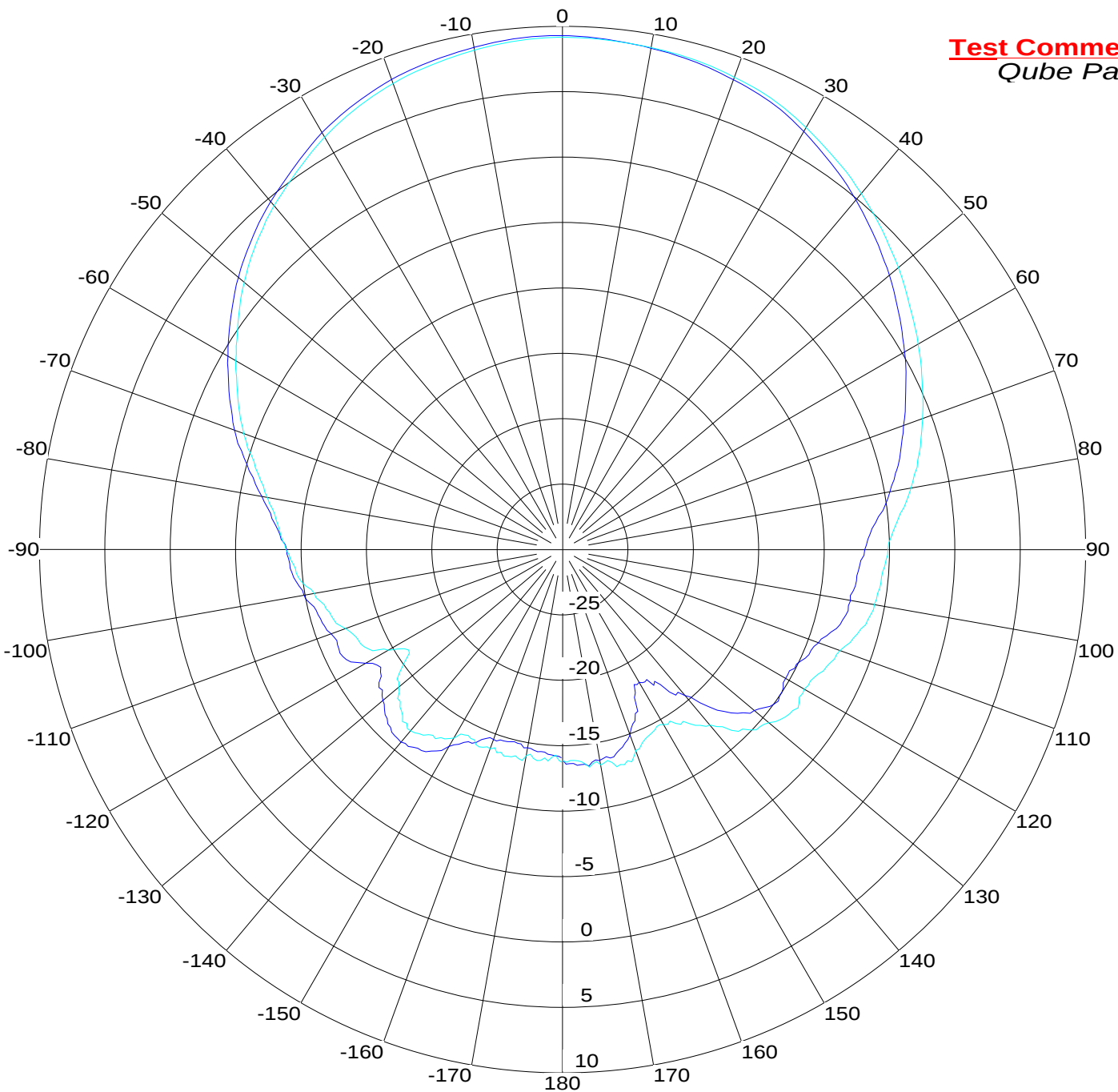
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.395 GHz

Cal. file table channel units

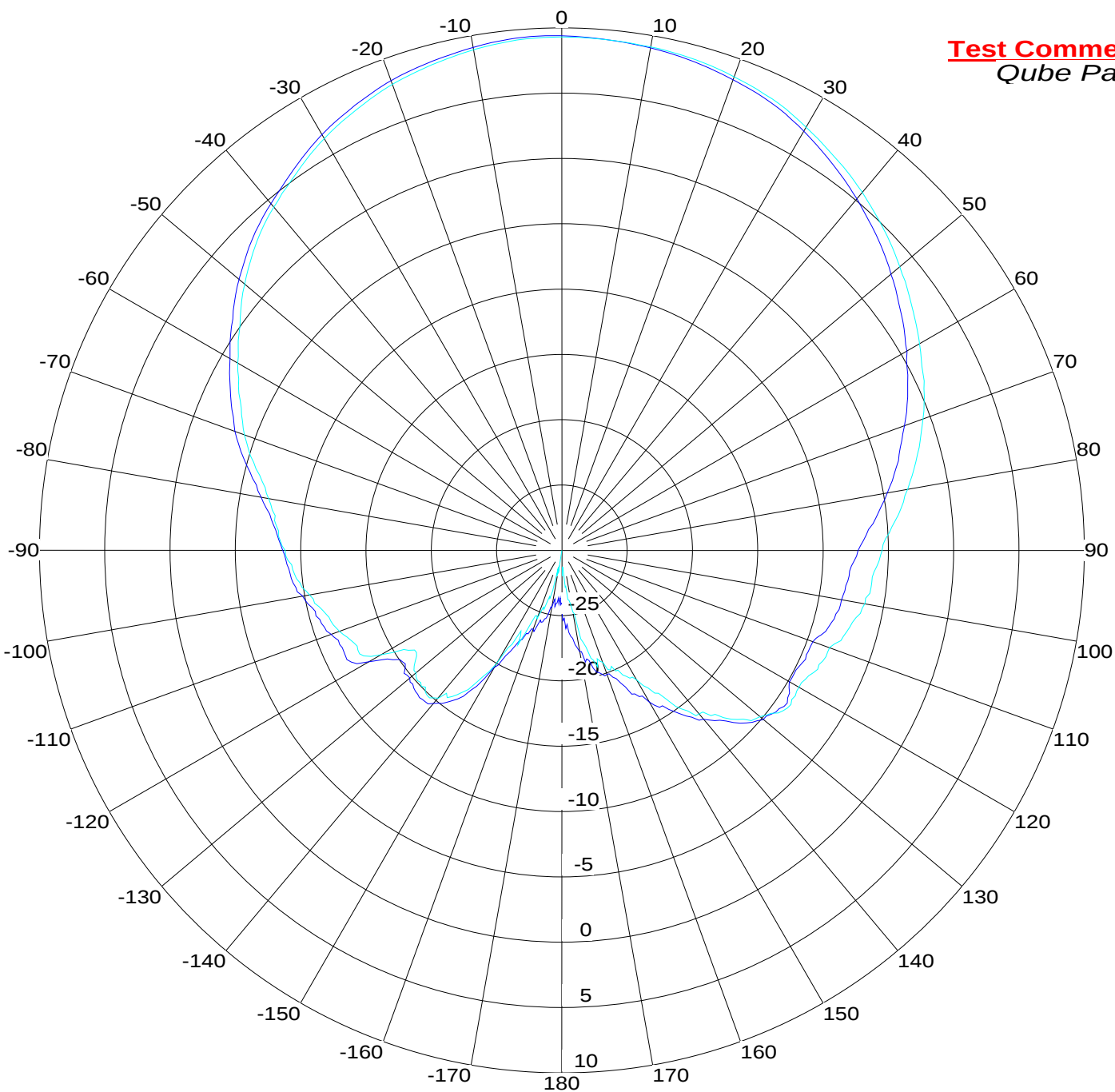
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.400 GHz

Cal. file table channel units

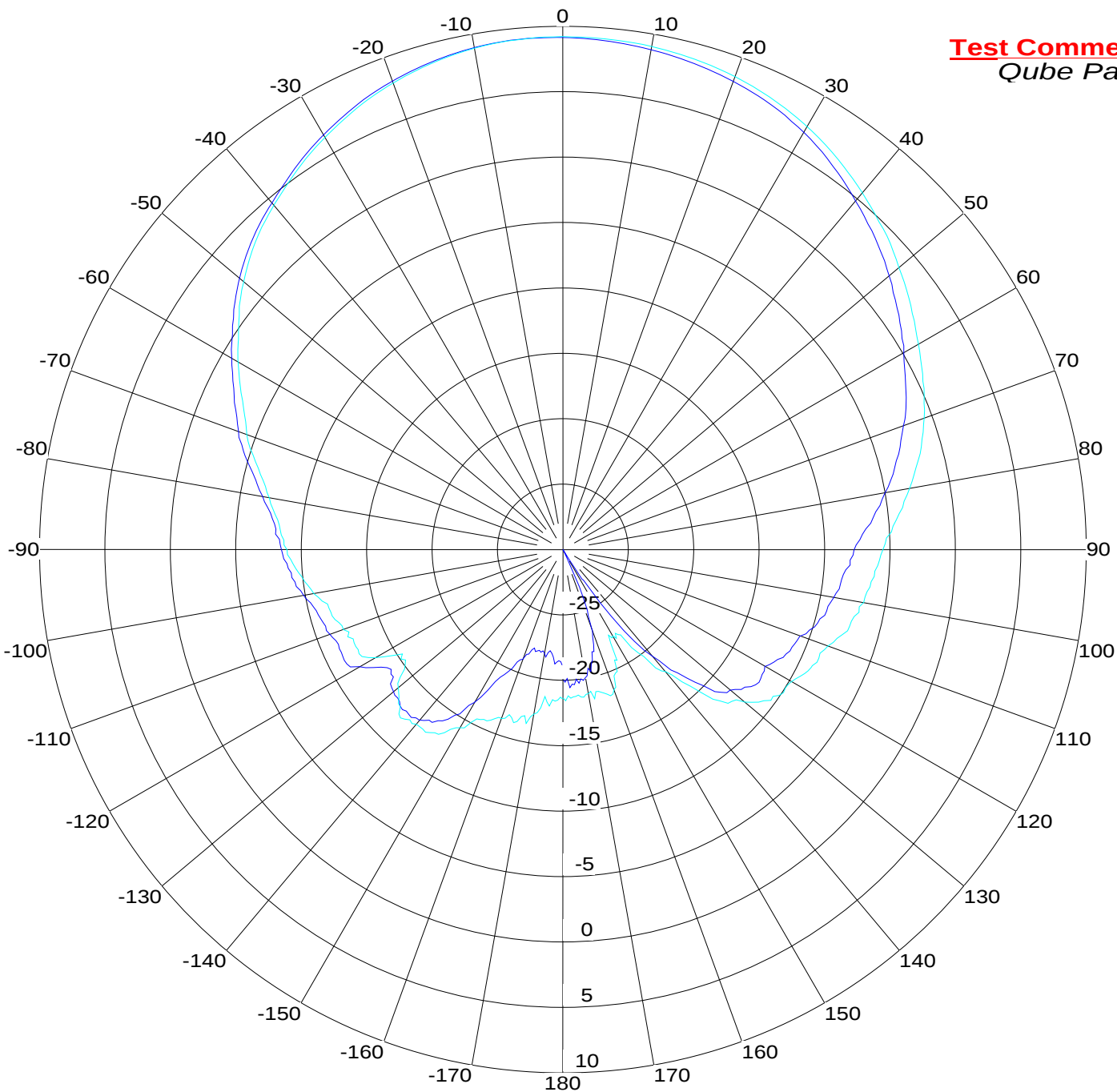
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.405 GHz

Cal. file table channel units

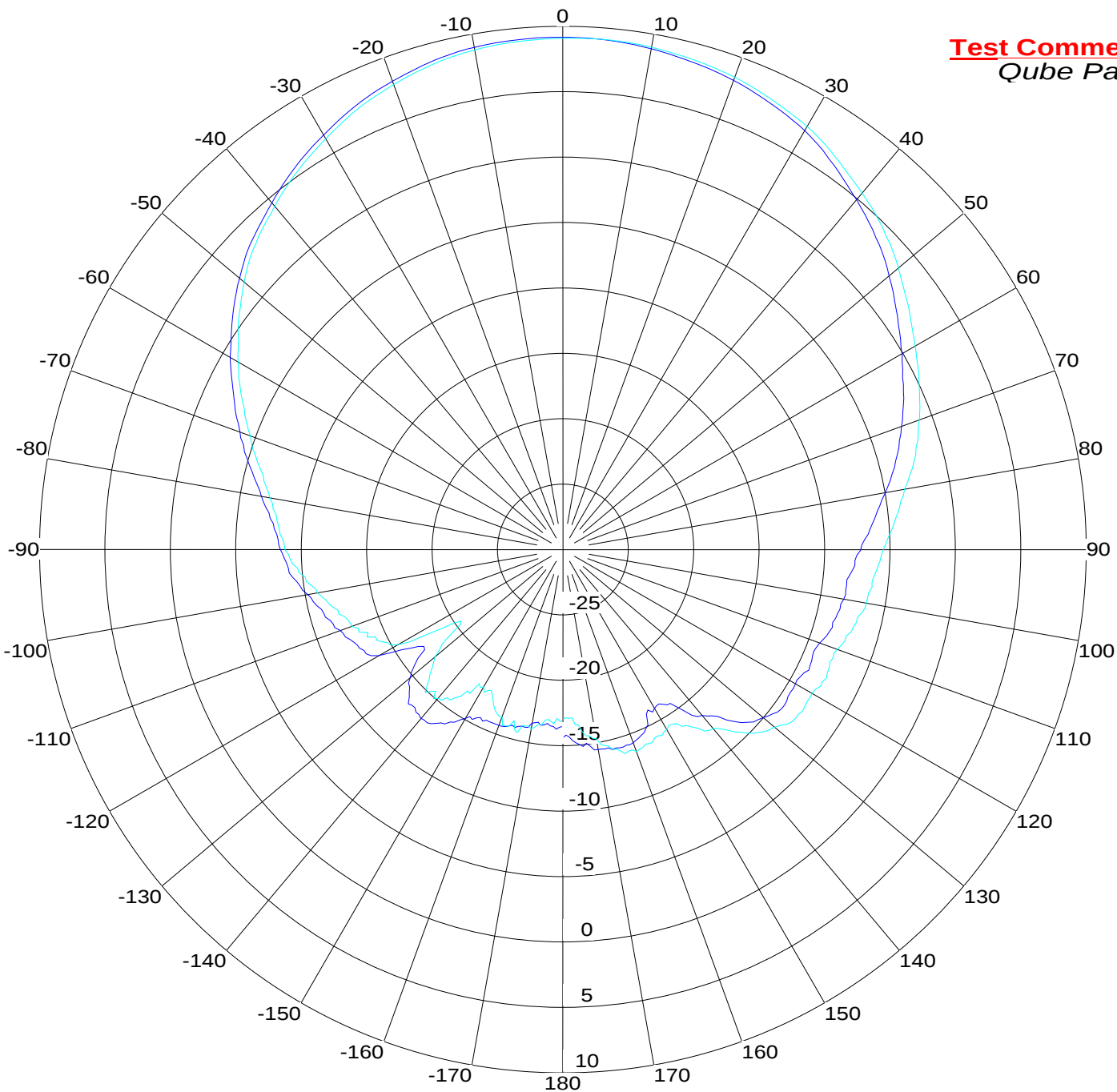
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.410 GHz

Cal. file table channel units

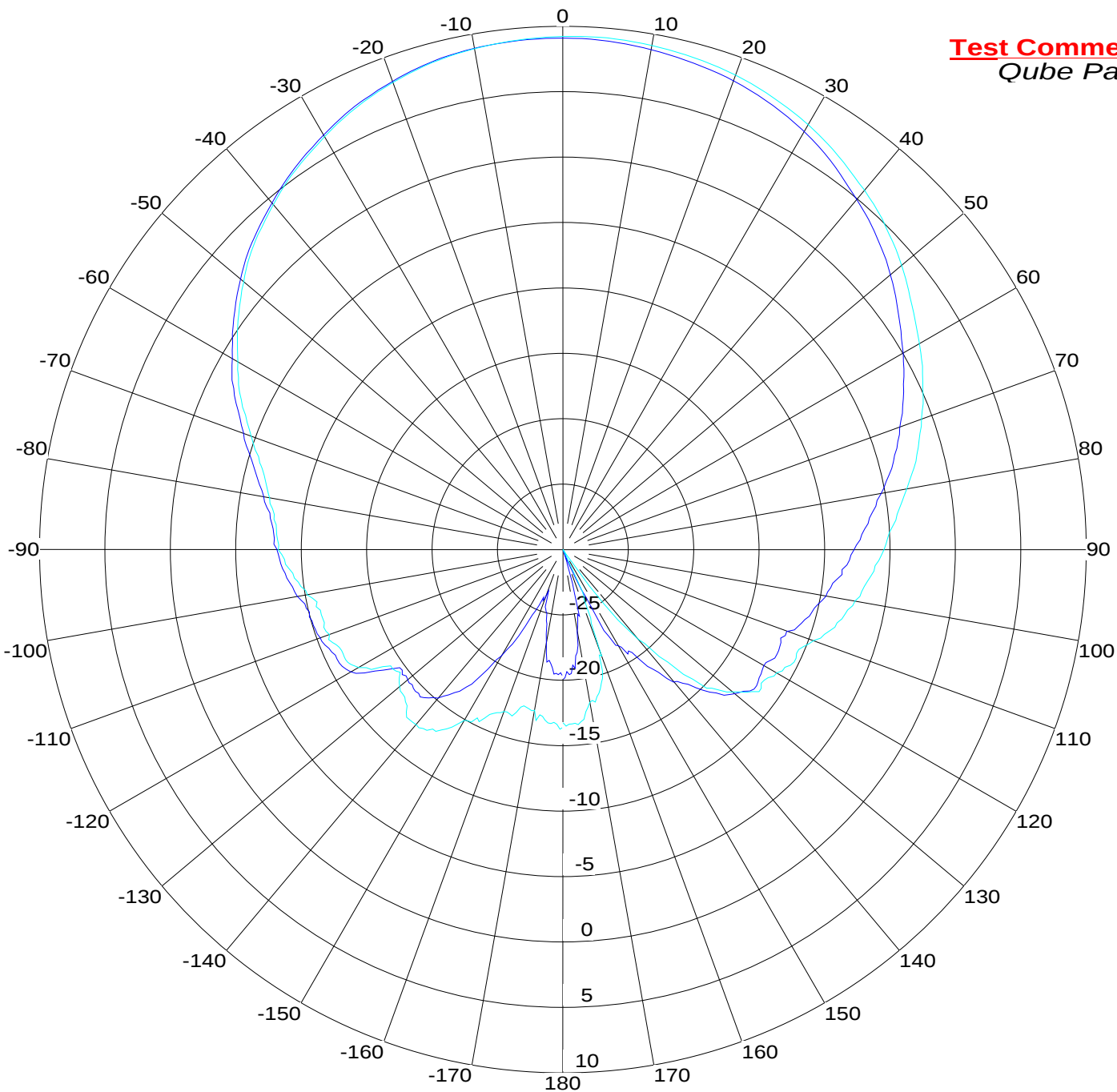
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.415 GHz

Cal. file table channel units

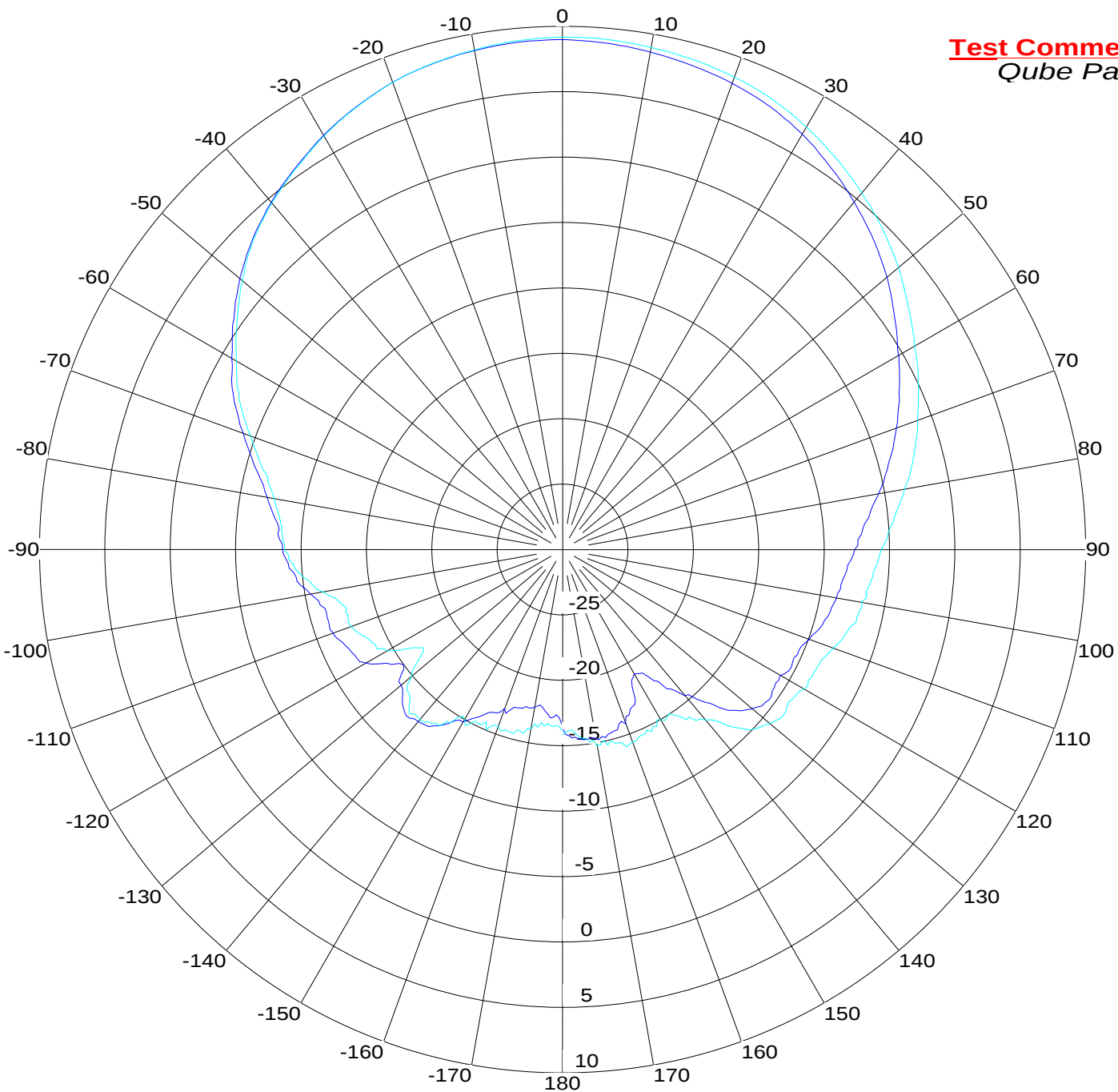
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.420 GHz

Cal. file table channel units

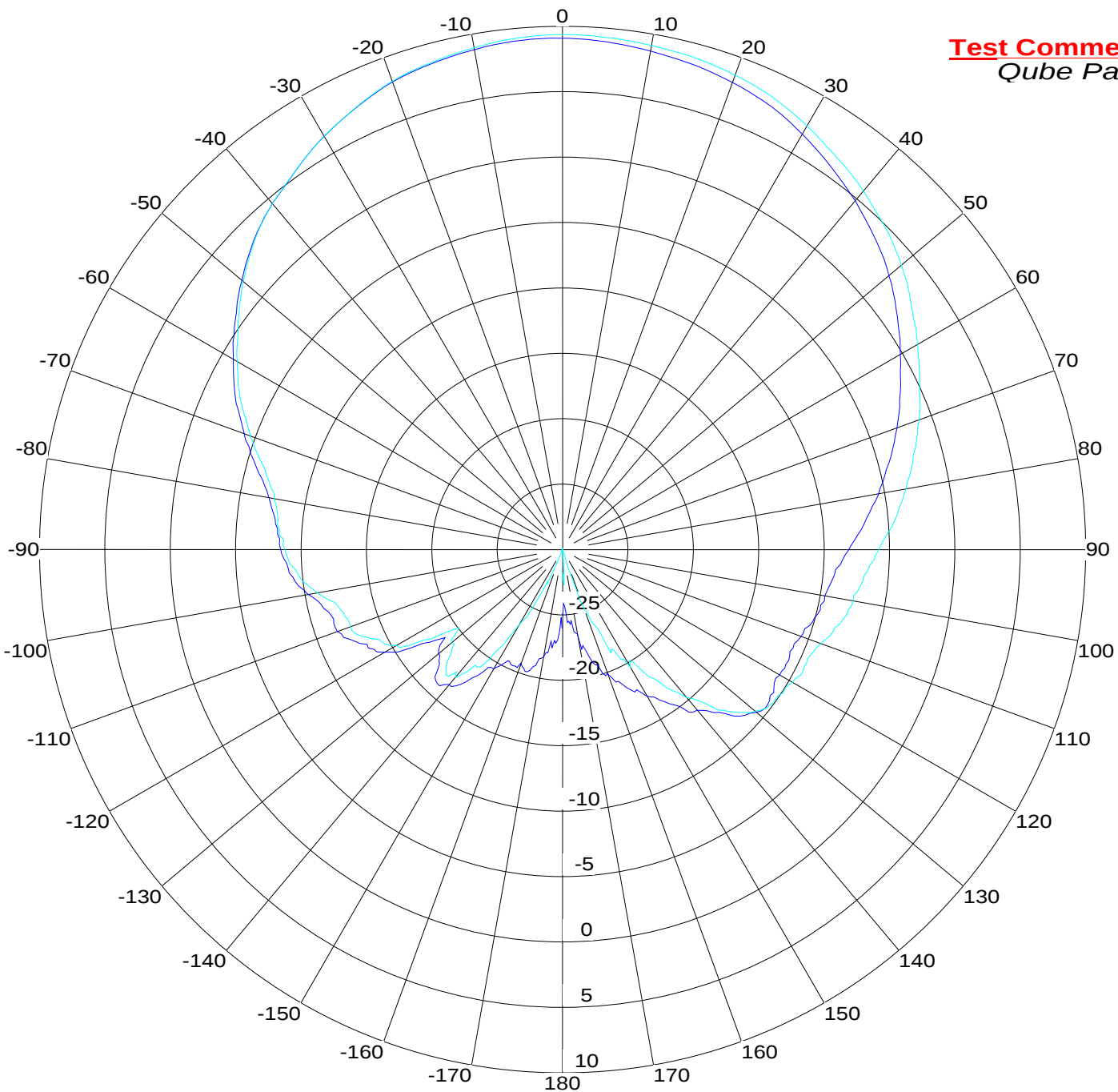
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.425 GHz

Cal. file table channel units

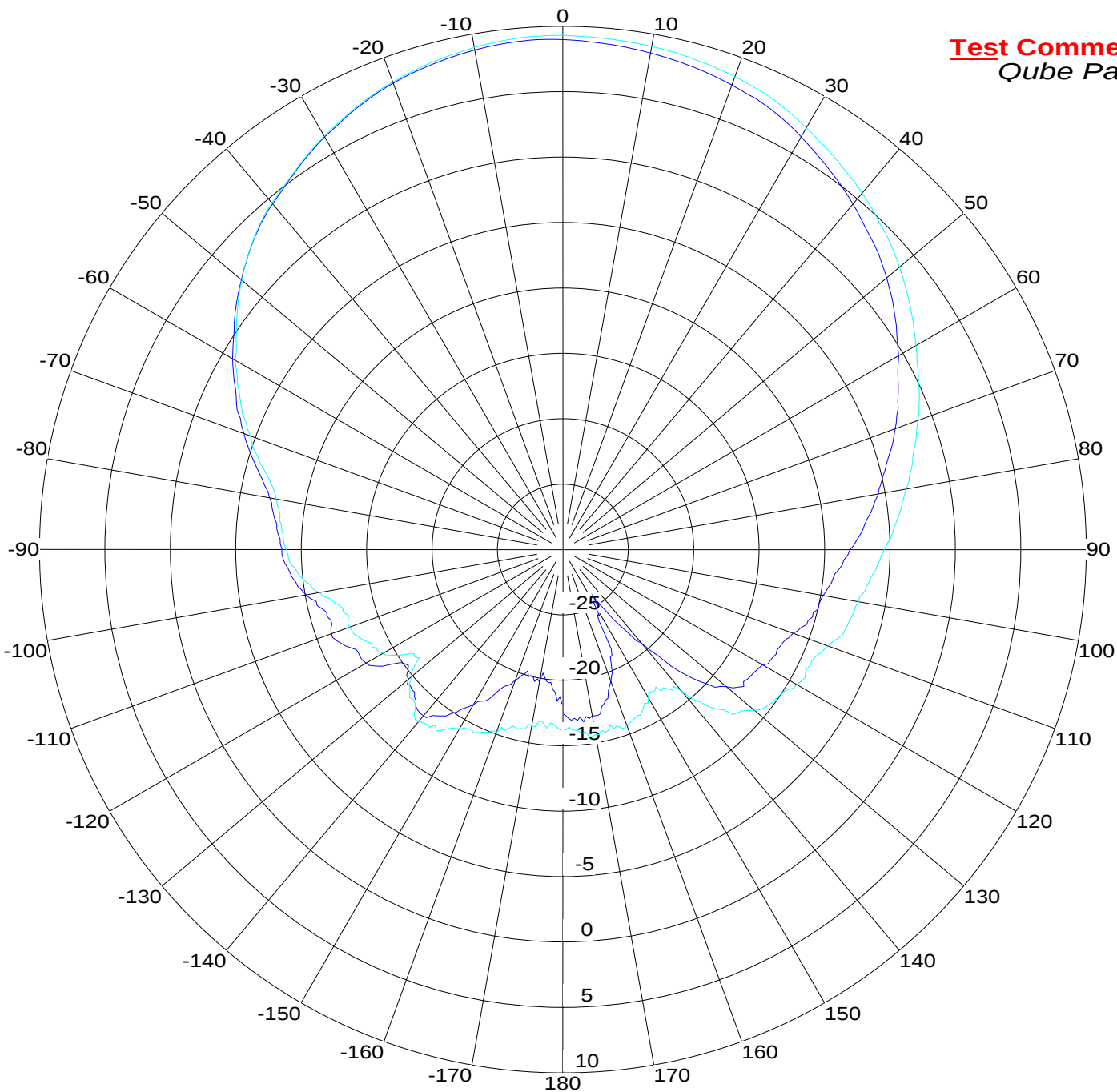
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.430 GHz

Cal. file table channel units

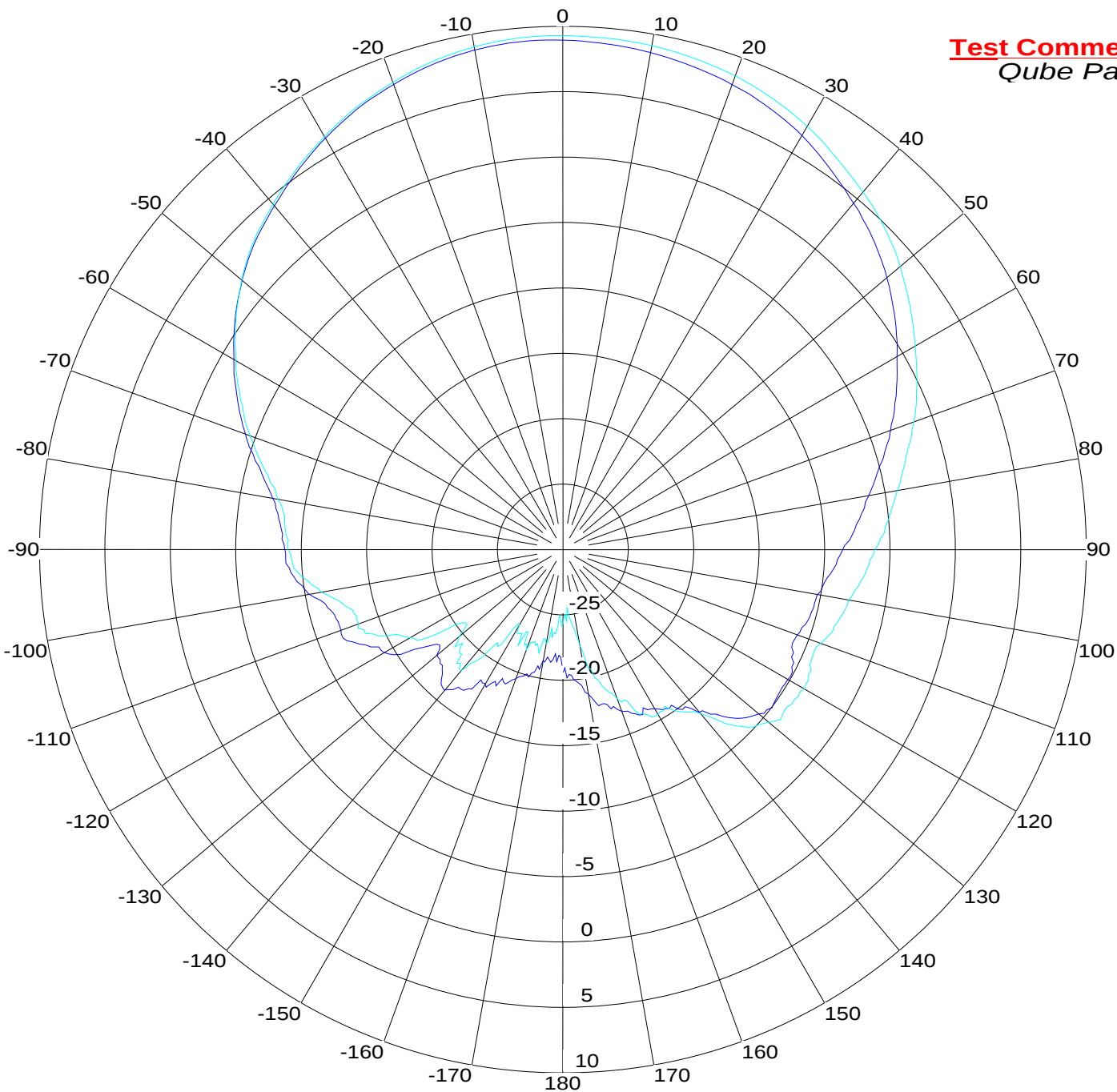
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.435 GHz

Cal. file table channel units

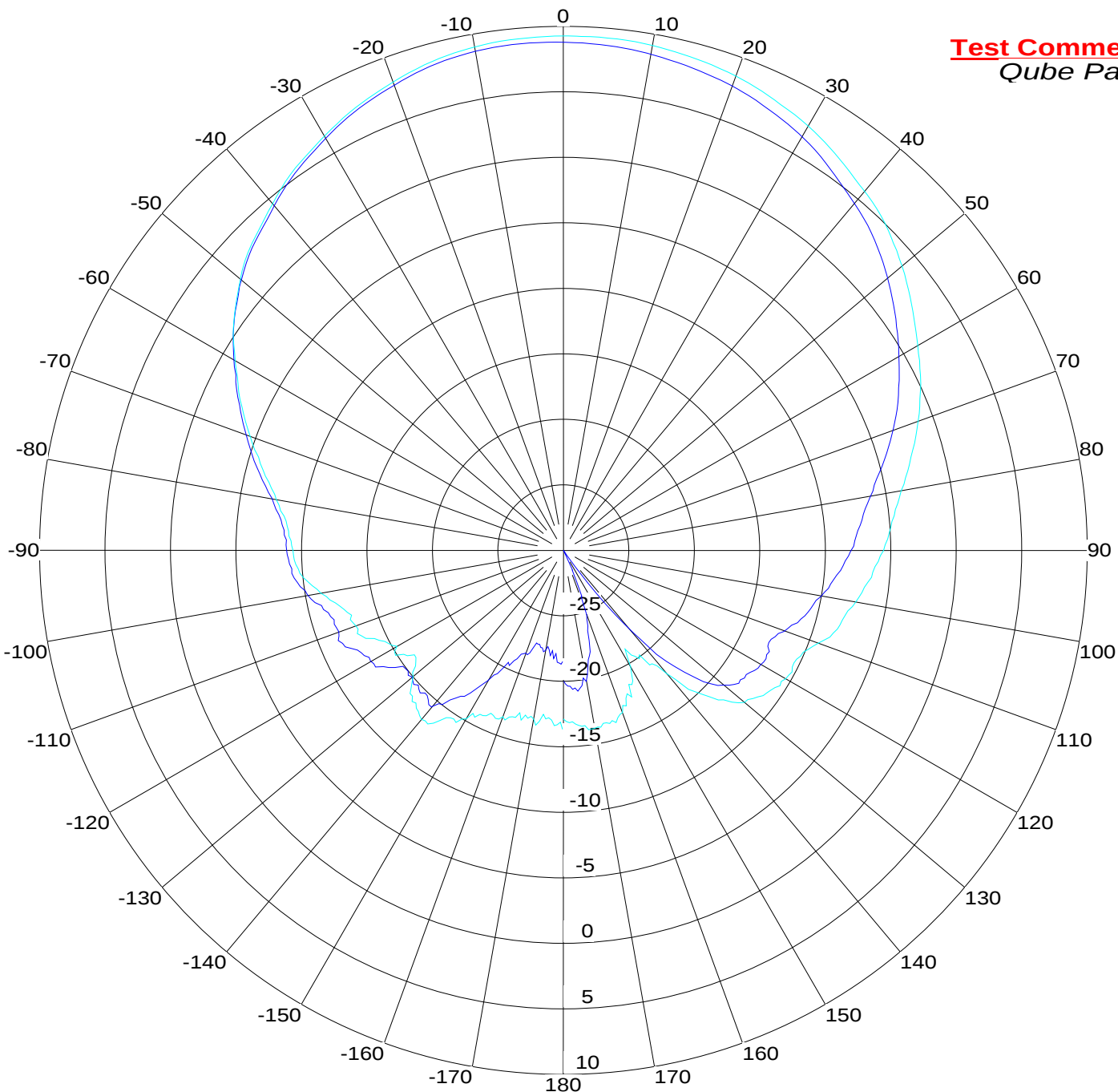
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.440 GHz

Cal. file table channel units

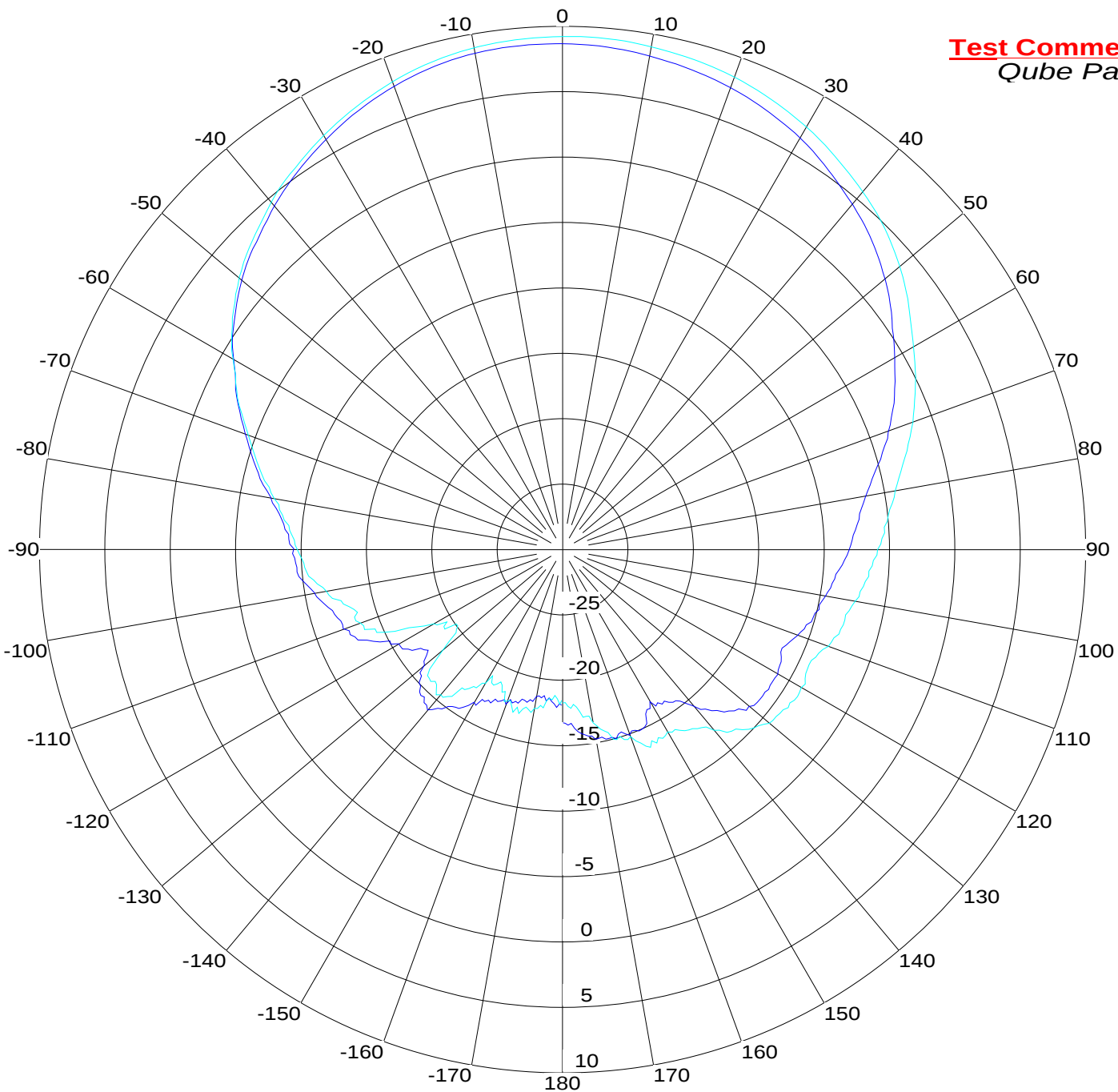
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.445 GHz

Cal. file table channel units

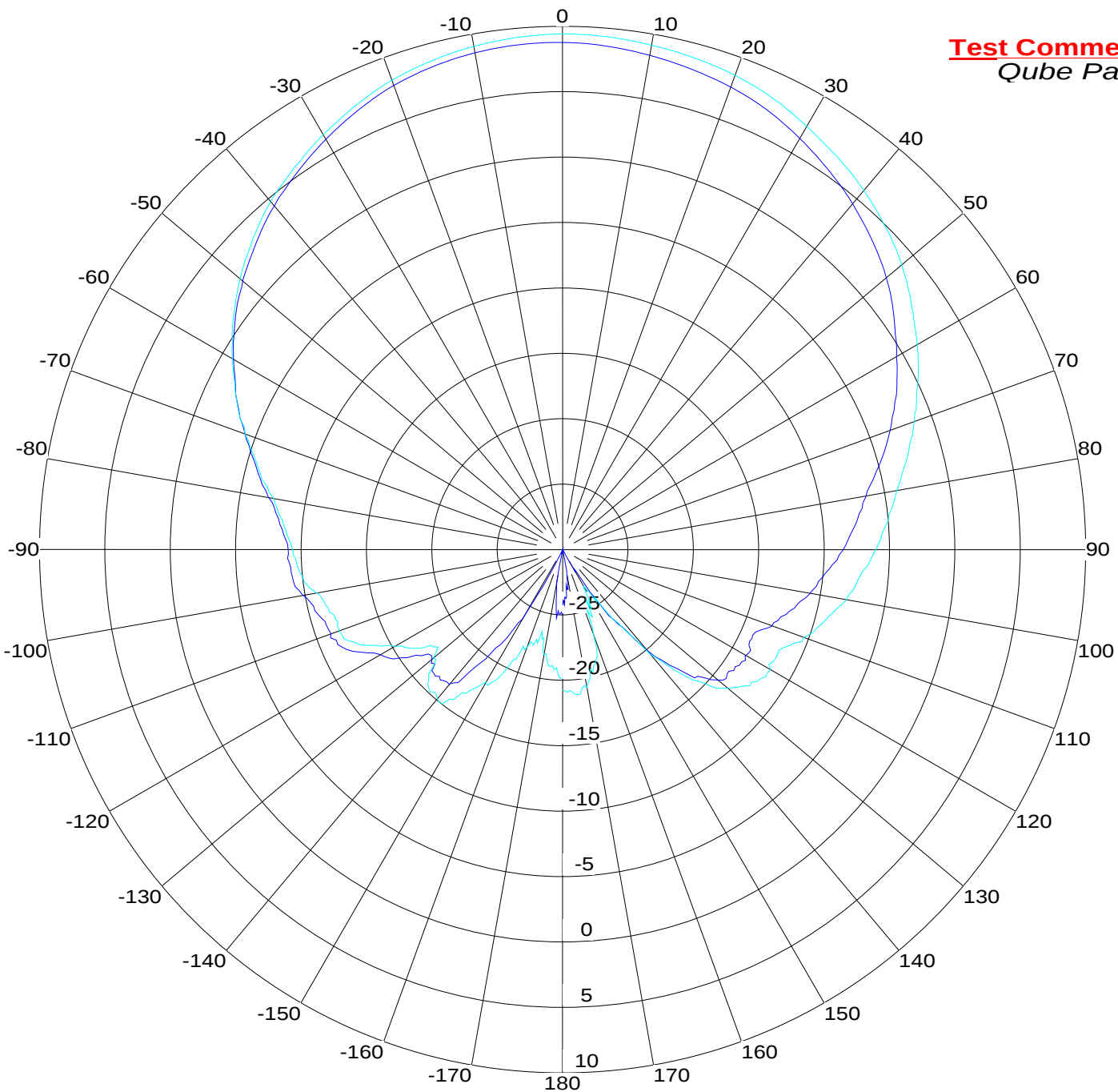
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.450 GHz

Cal. file table channel units

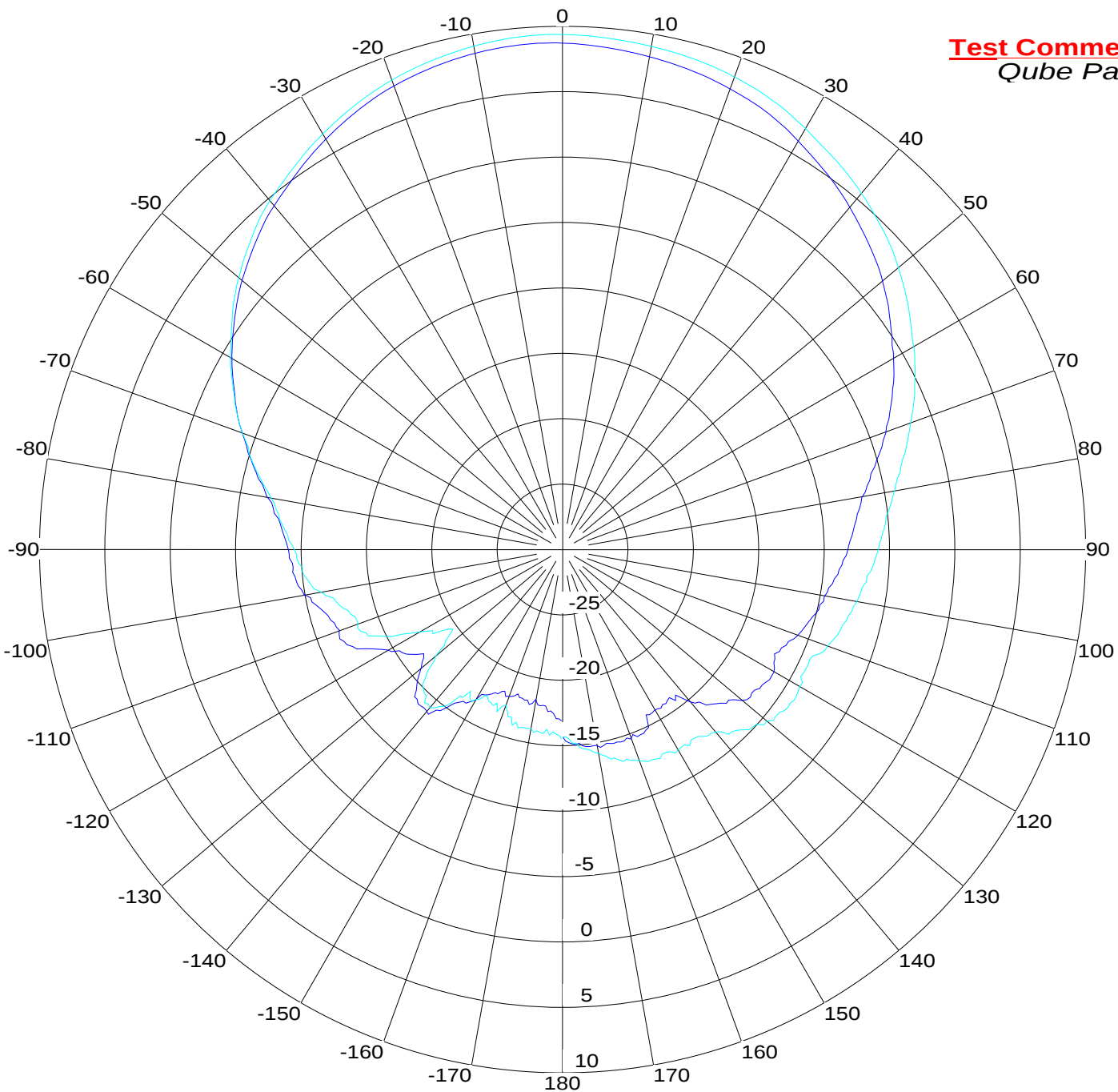
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.455 GHz

Cal. file table channel units

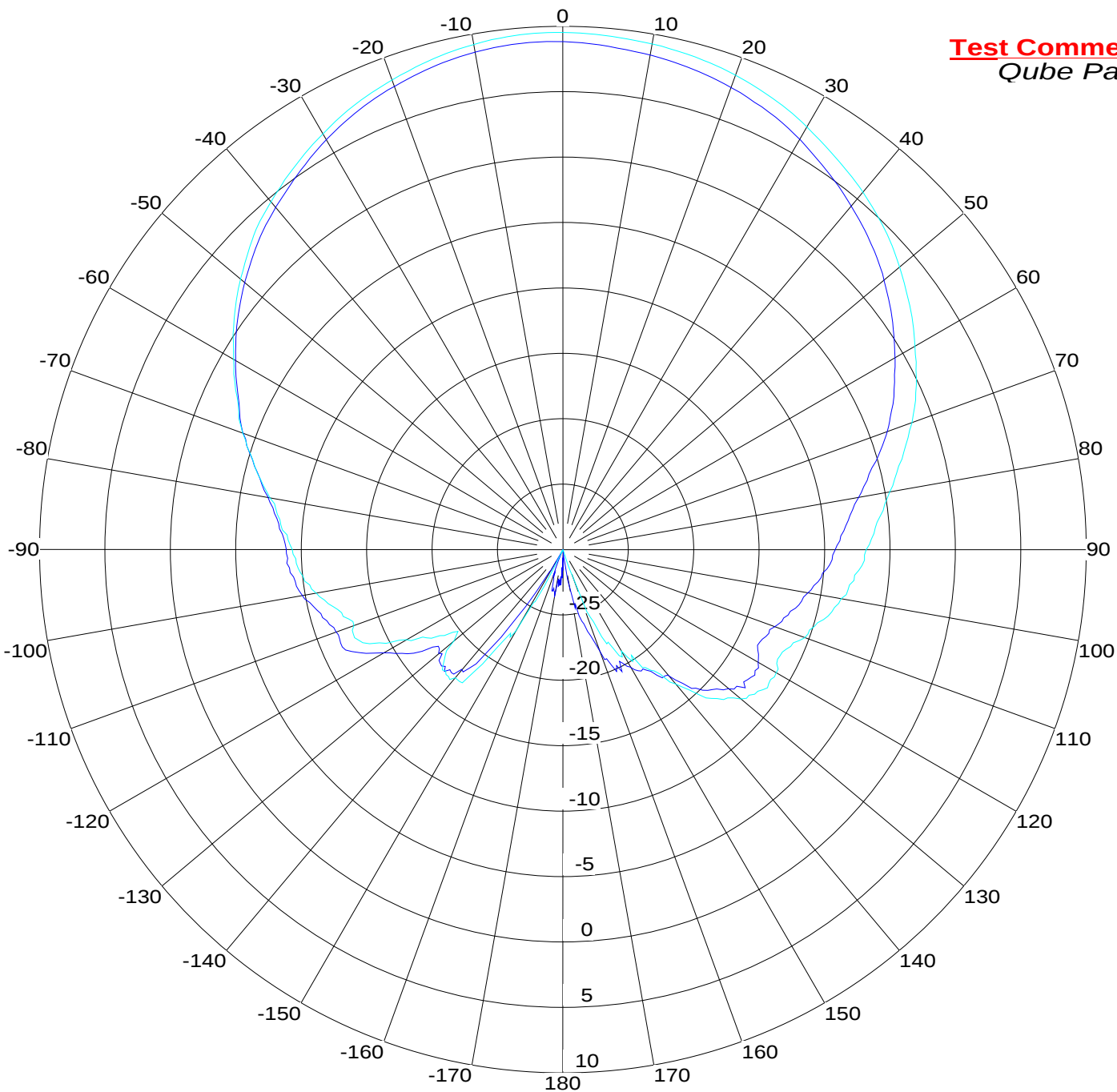
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.460 GHz

Cal. file table channel units

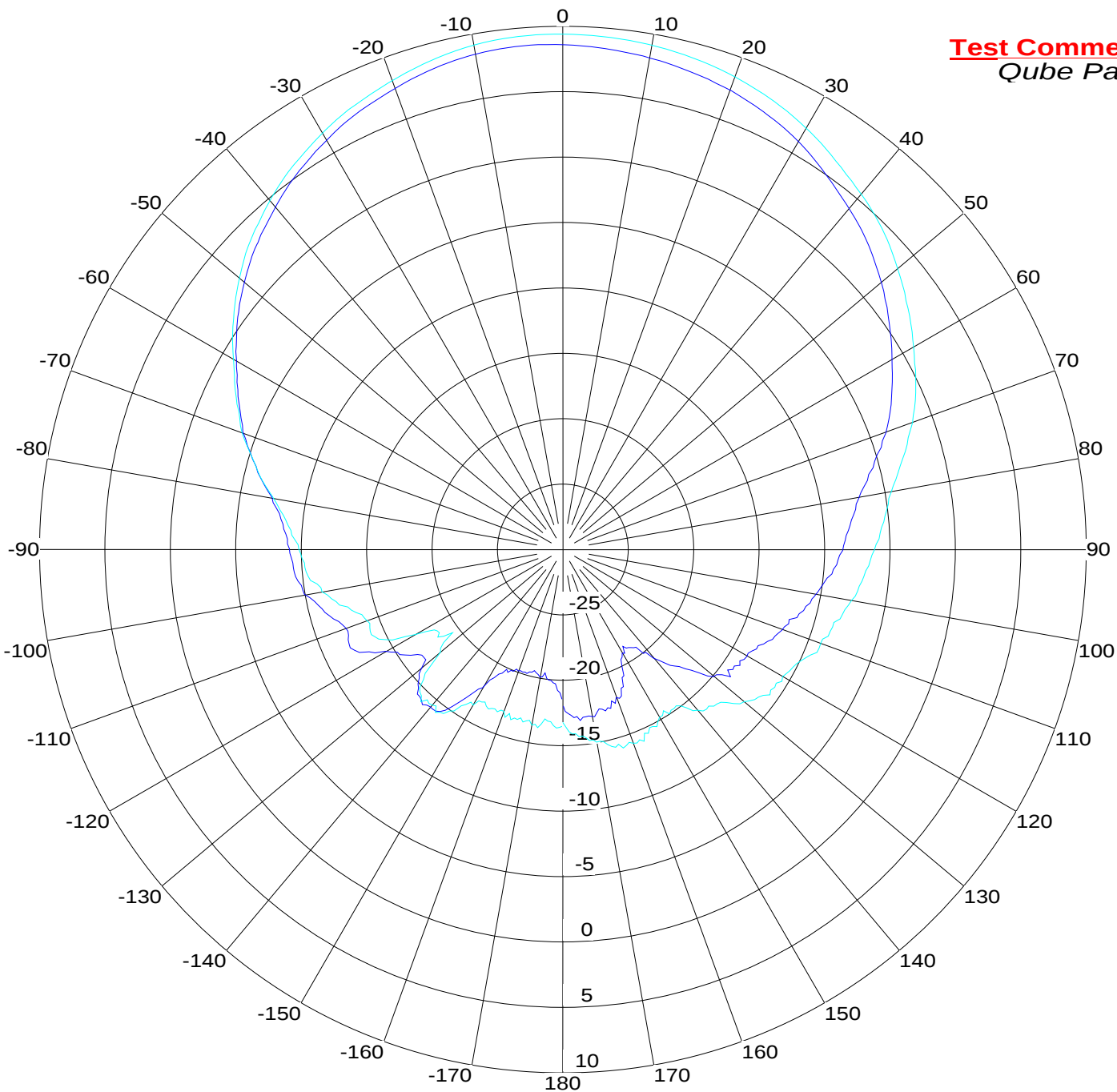
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.465 GHz

Cal. file table channel units

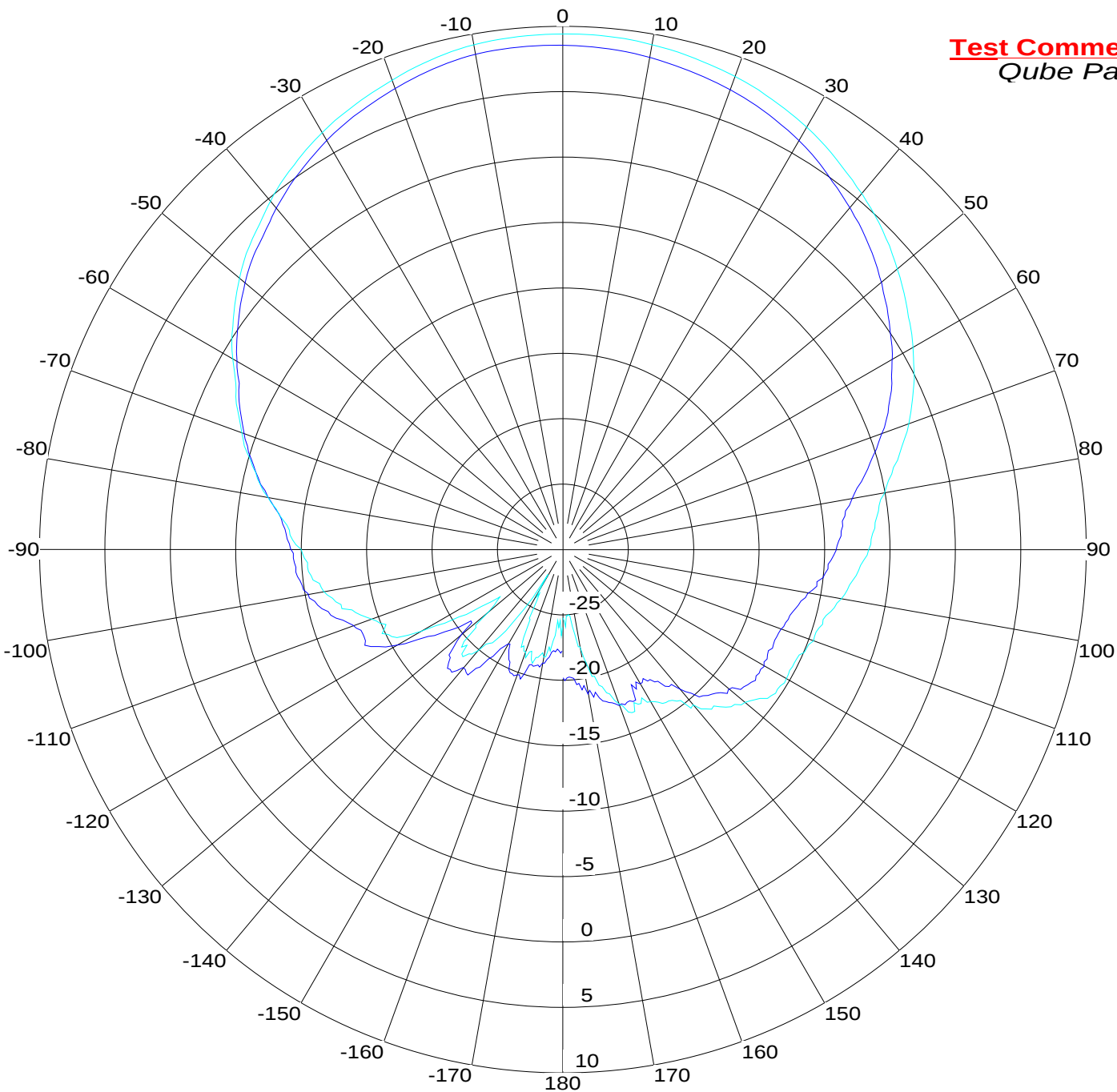
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.470 GHz

Cal. file table channel units

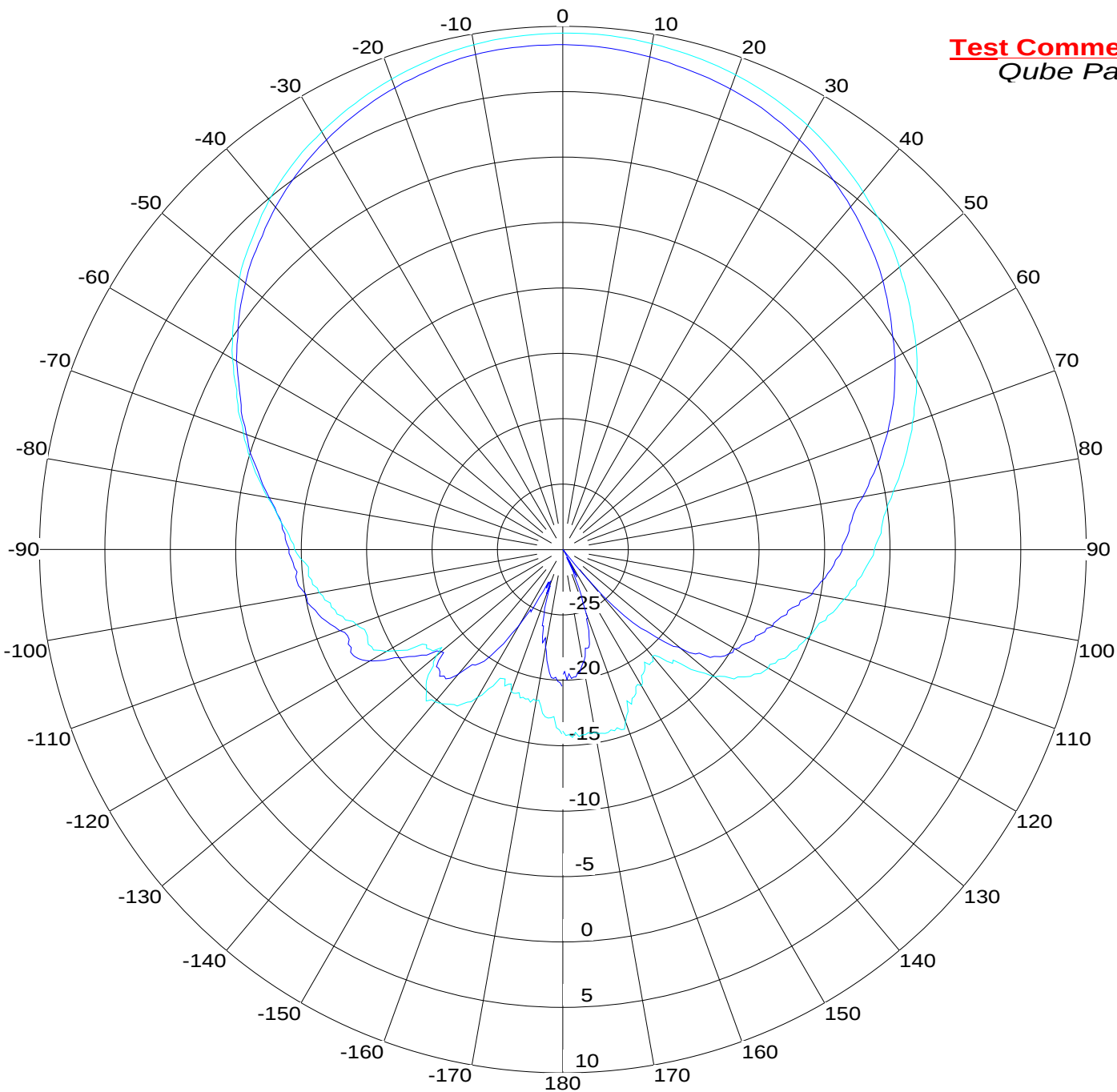
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.475 GHz

Cal. file table channel units

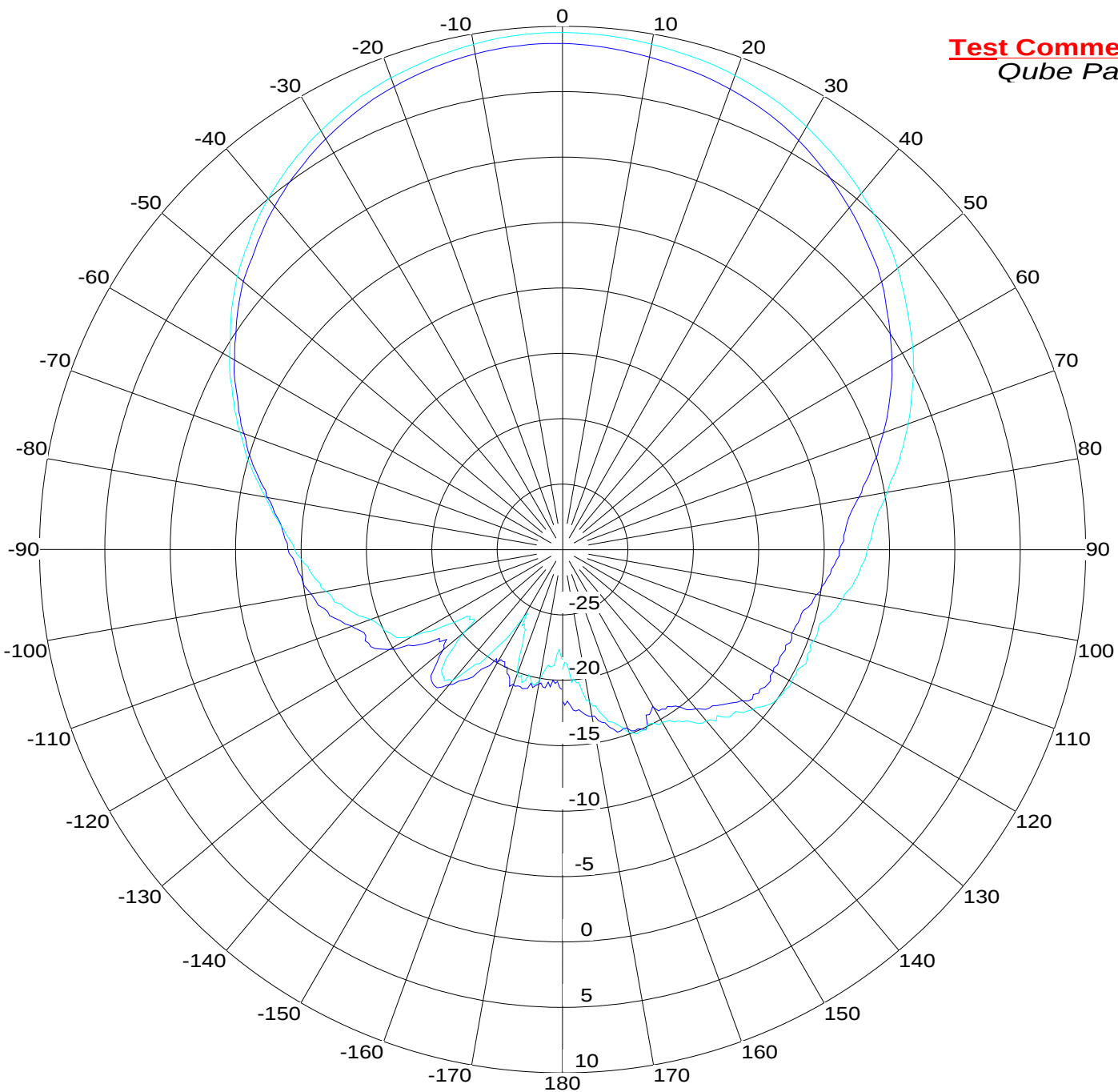
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.480 GHz

Cal. file table channel units

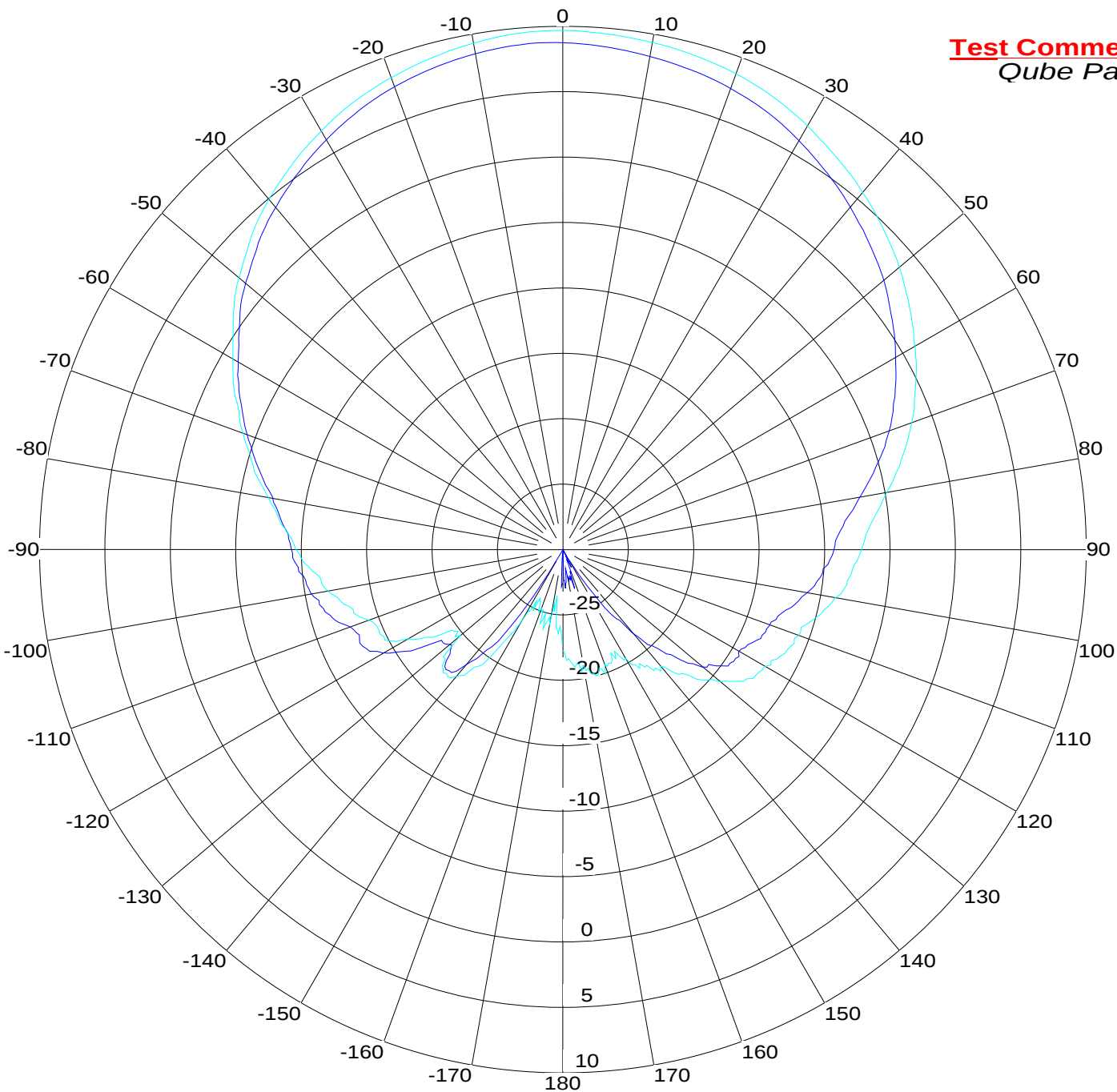
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.485 GHz

Cal. file table channel units

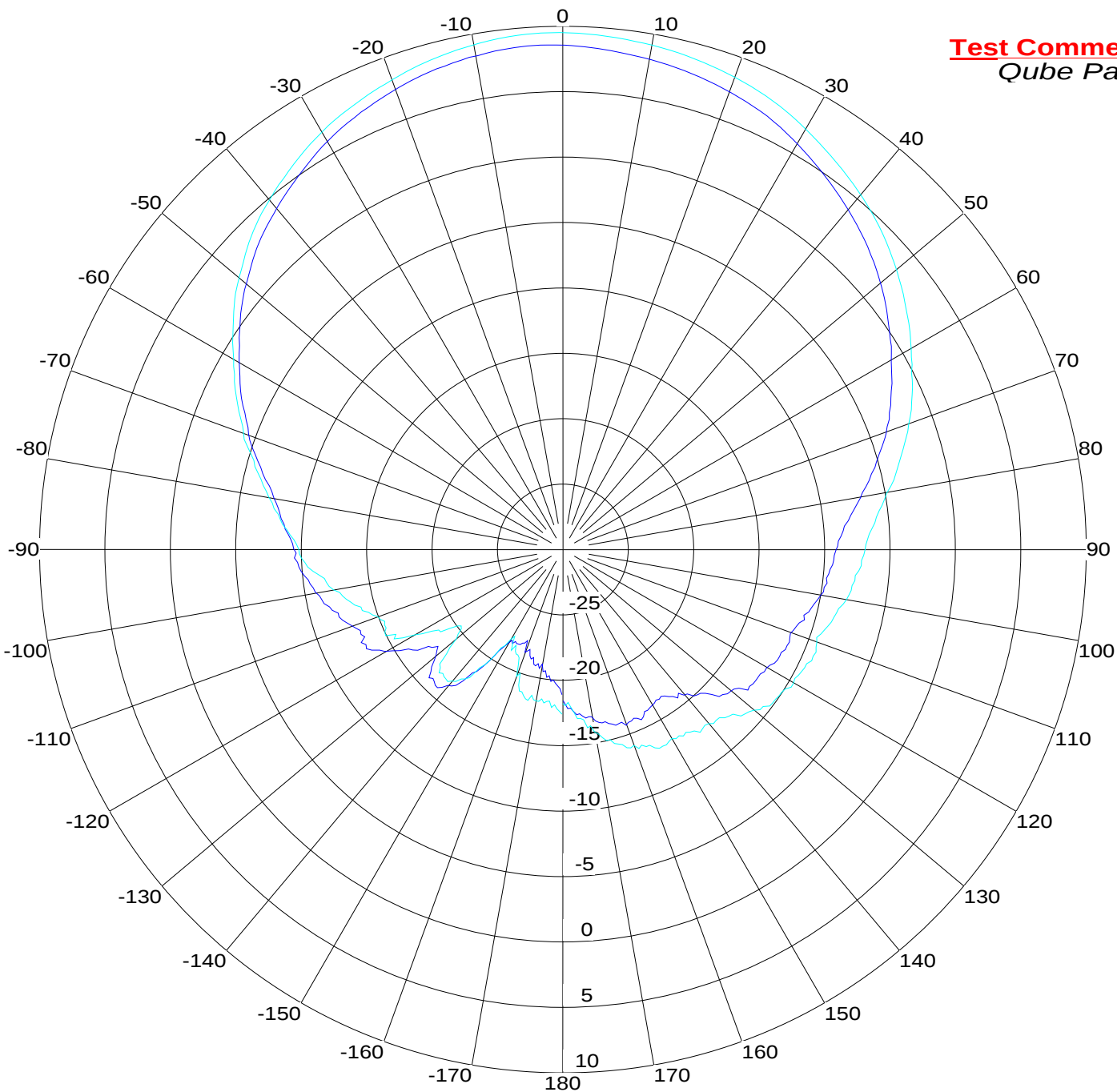
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.490 GHz

Cal. file table channel units

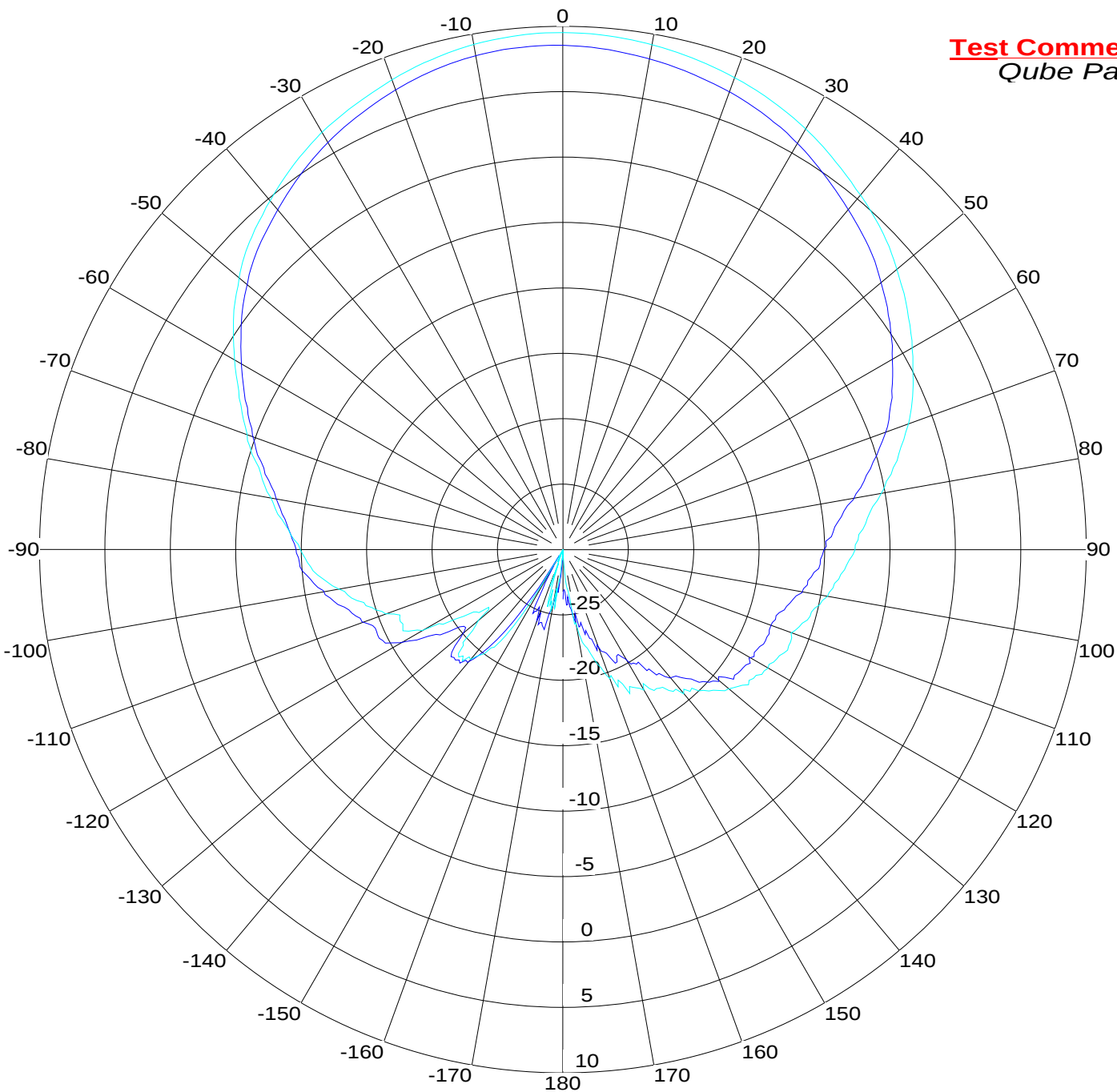
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.495 GHz

Cal. file table channel units

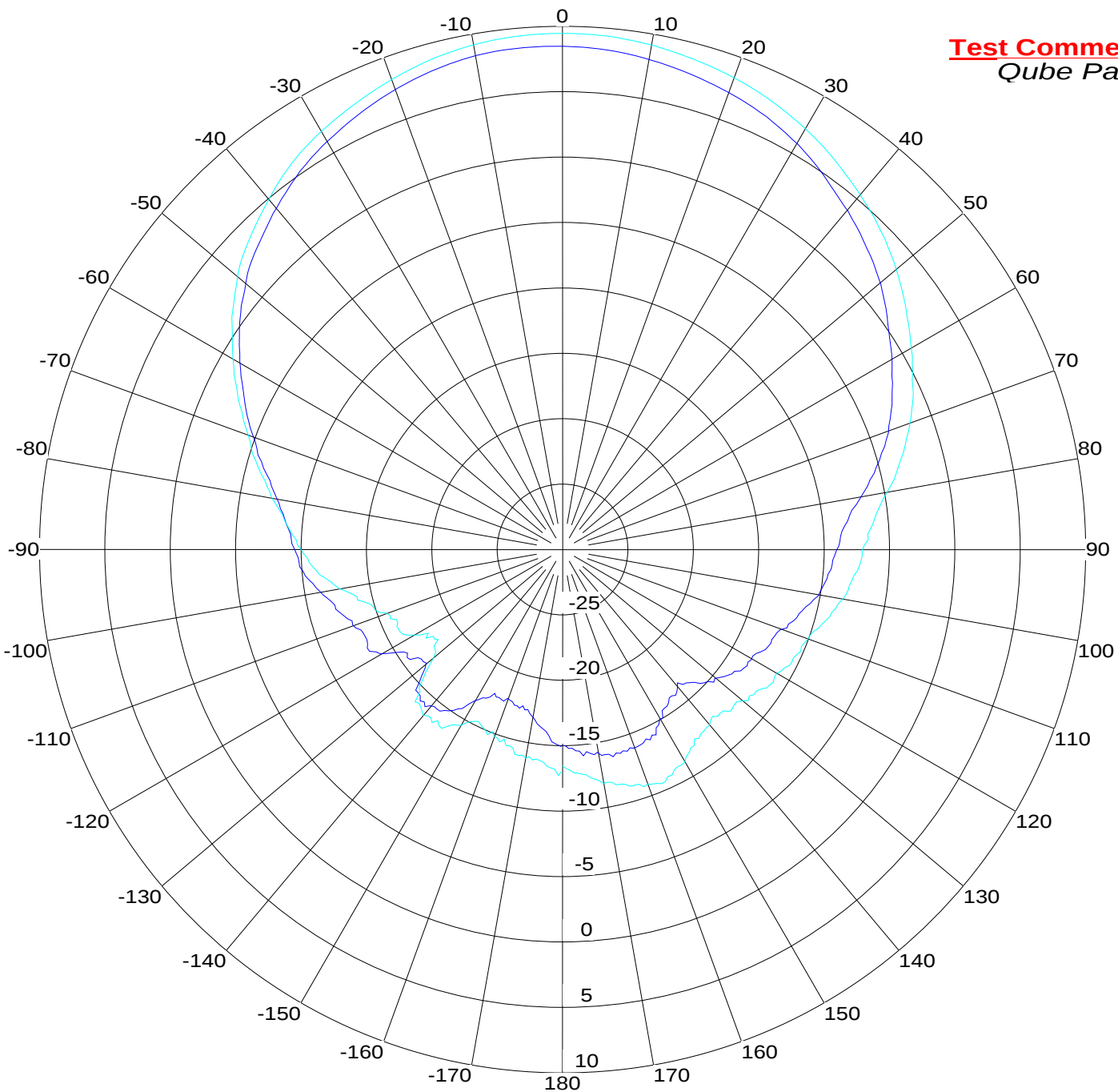
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.500 GHz

Cal. file table channel units

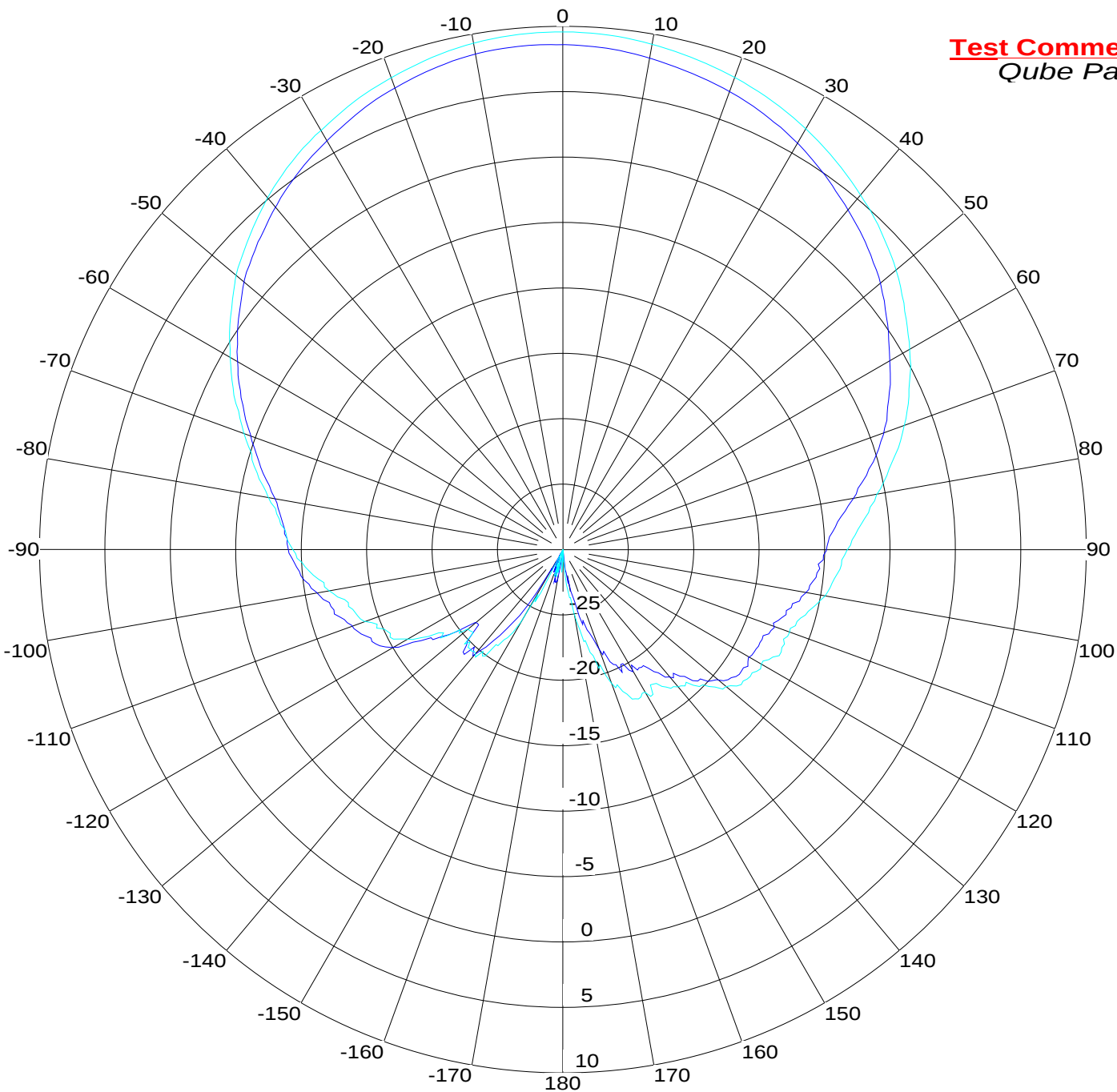
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.505 GHz

Cal. file table channel units

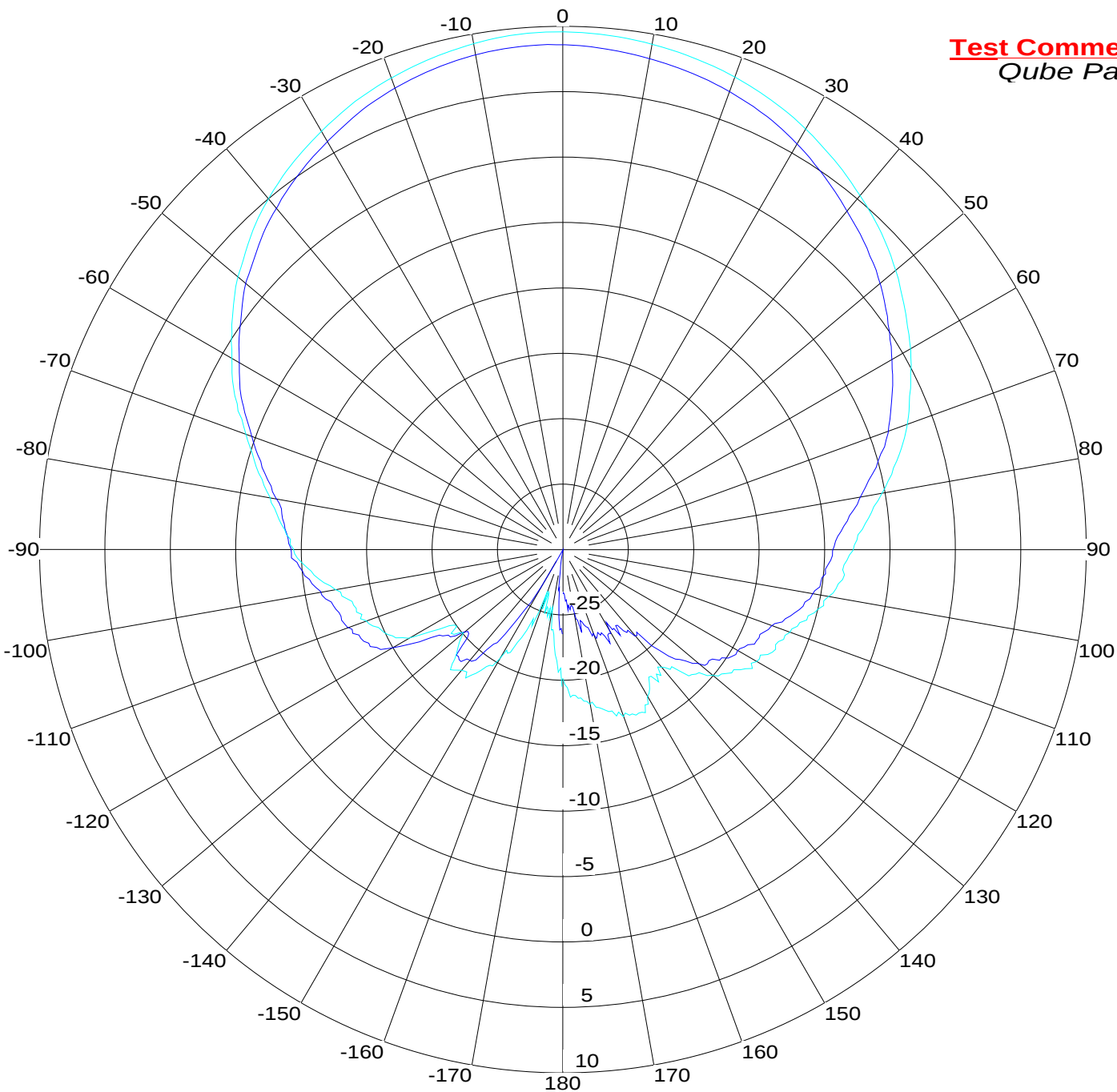
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.510 GHz

Cal. file table channel units

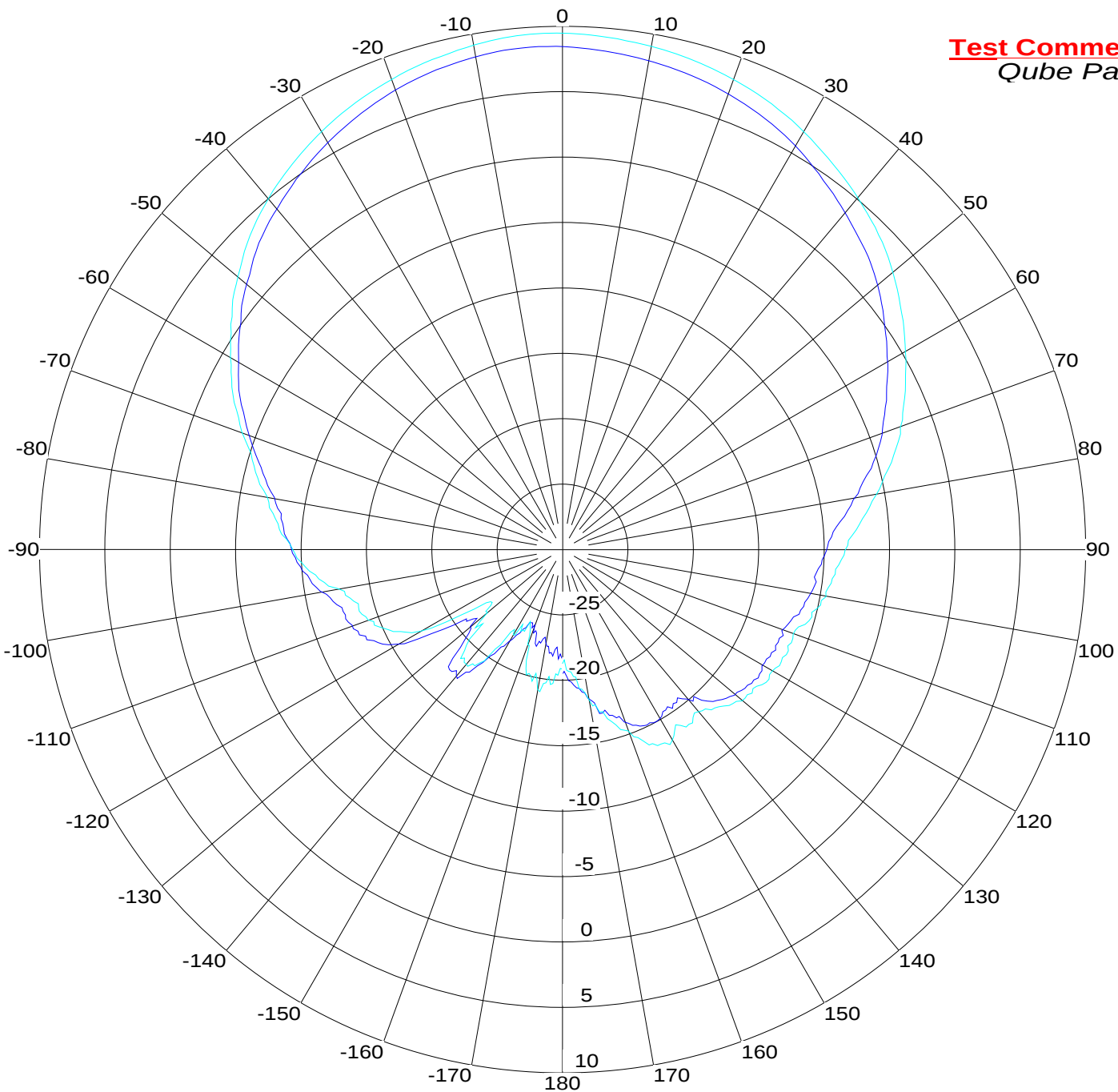
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.515 GHz

Cal. file table channel units

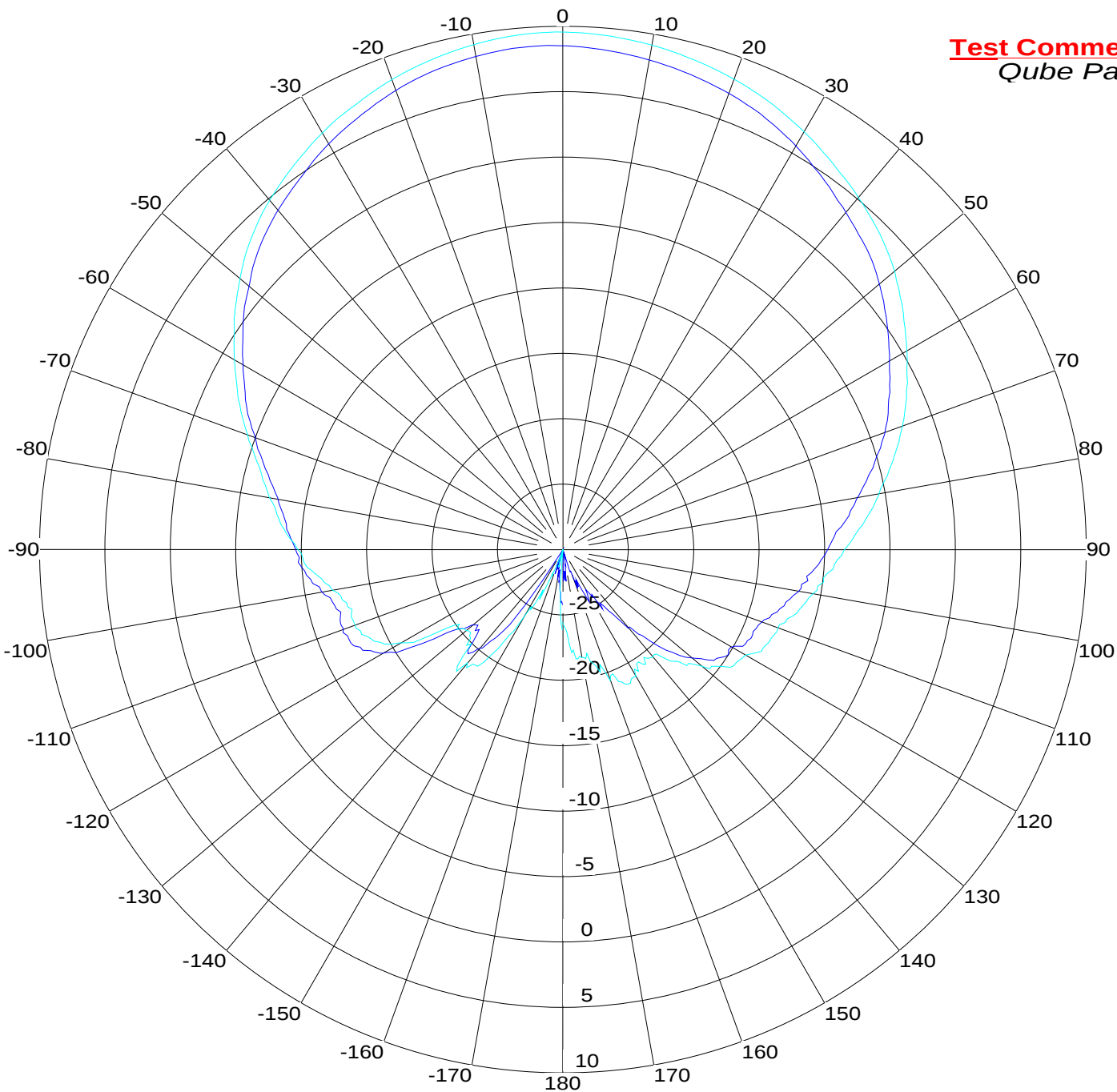
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.520 GHz

Cal. file table channel units

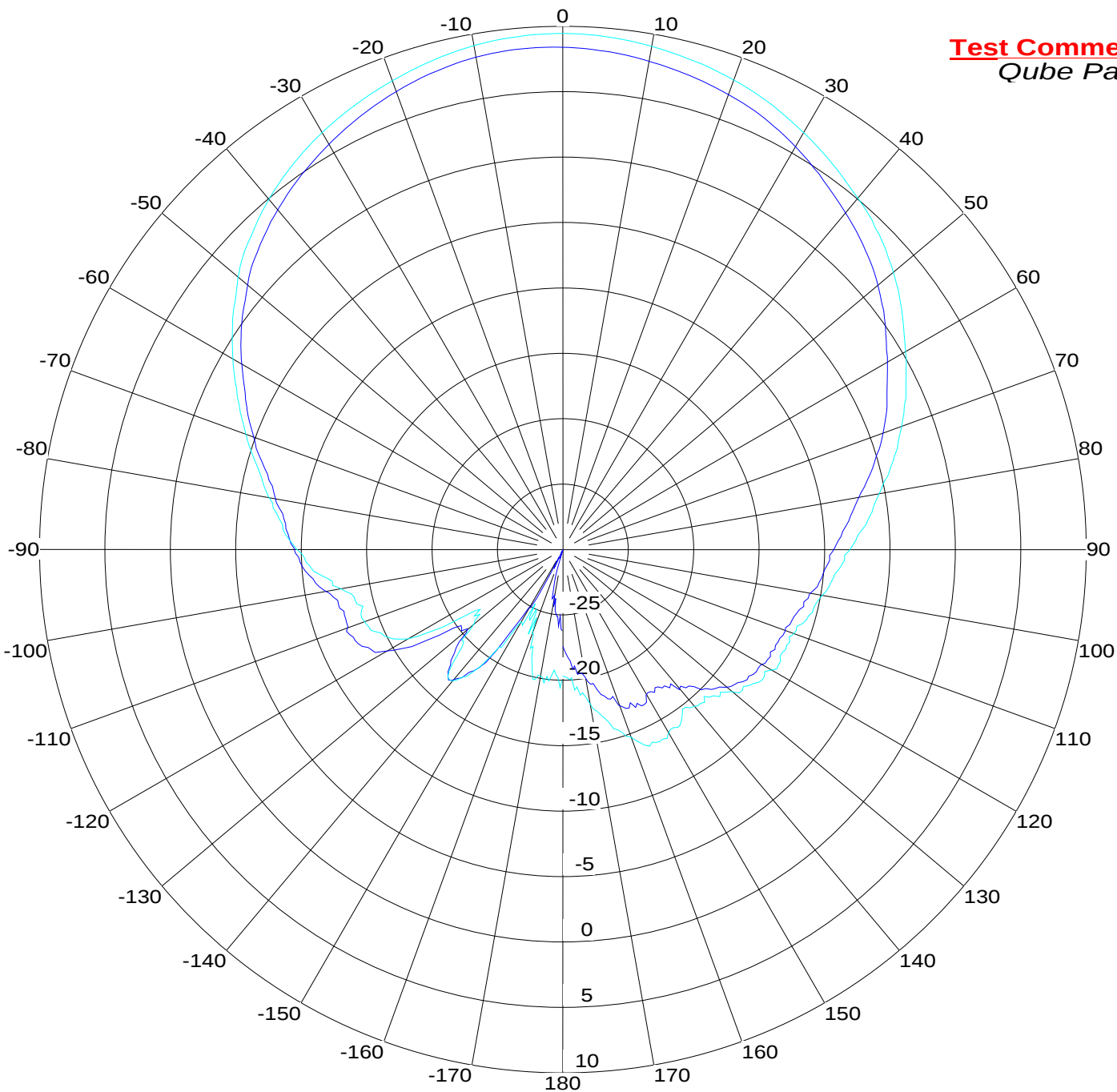
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.525 GHz

Cal. file table channel units

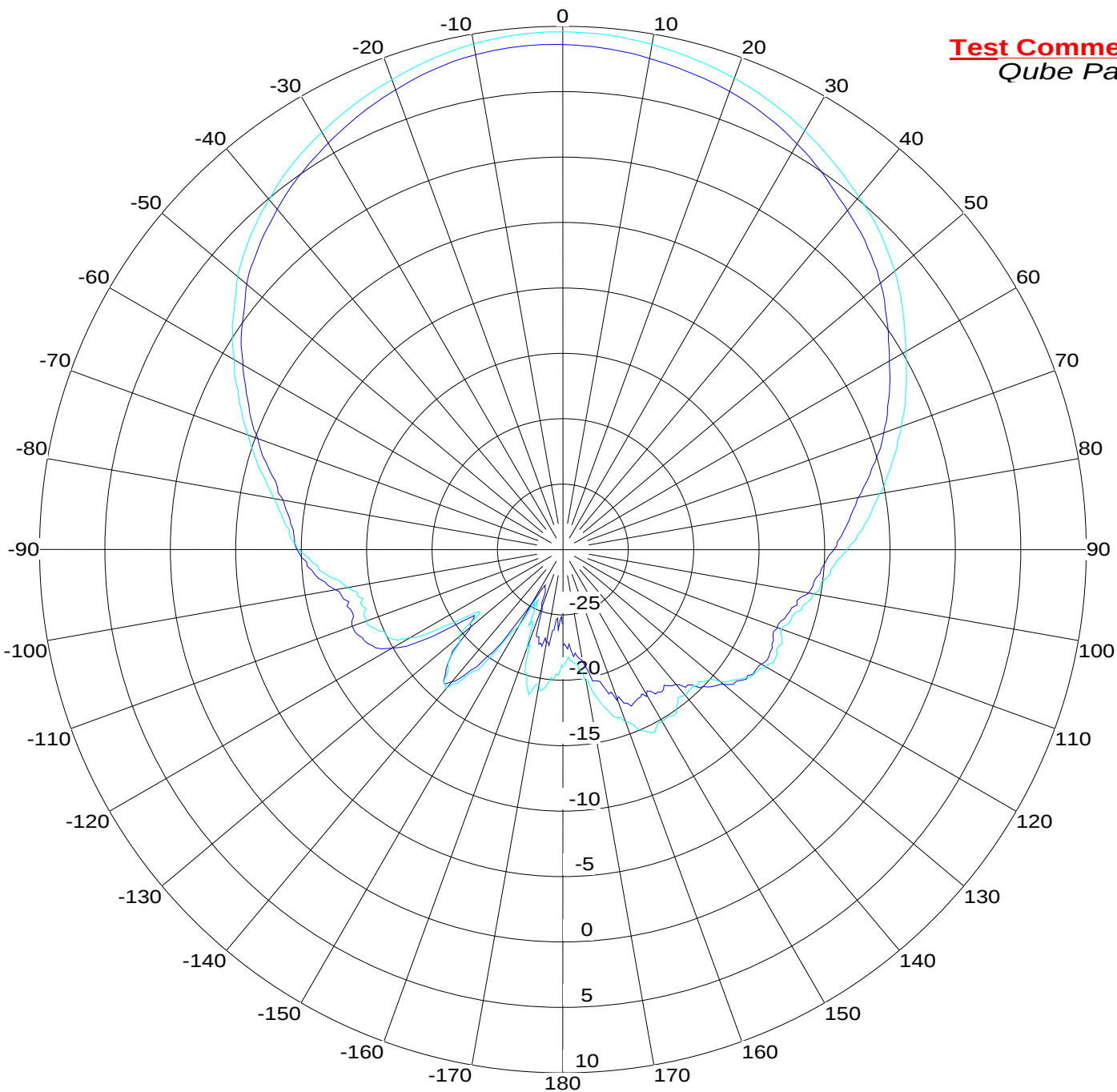
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.530 GHz

Cal. file table channel units

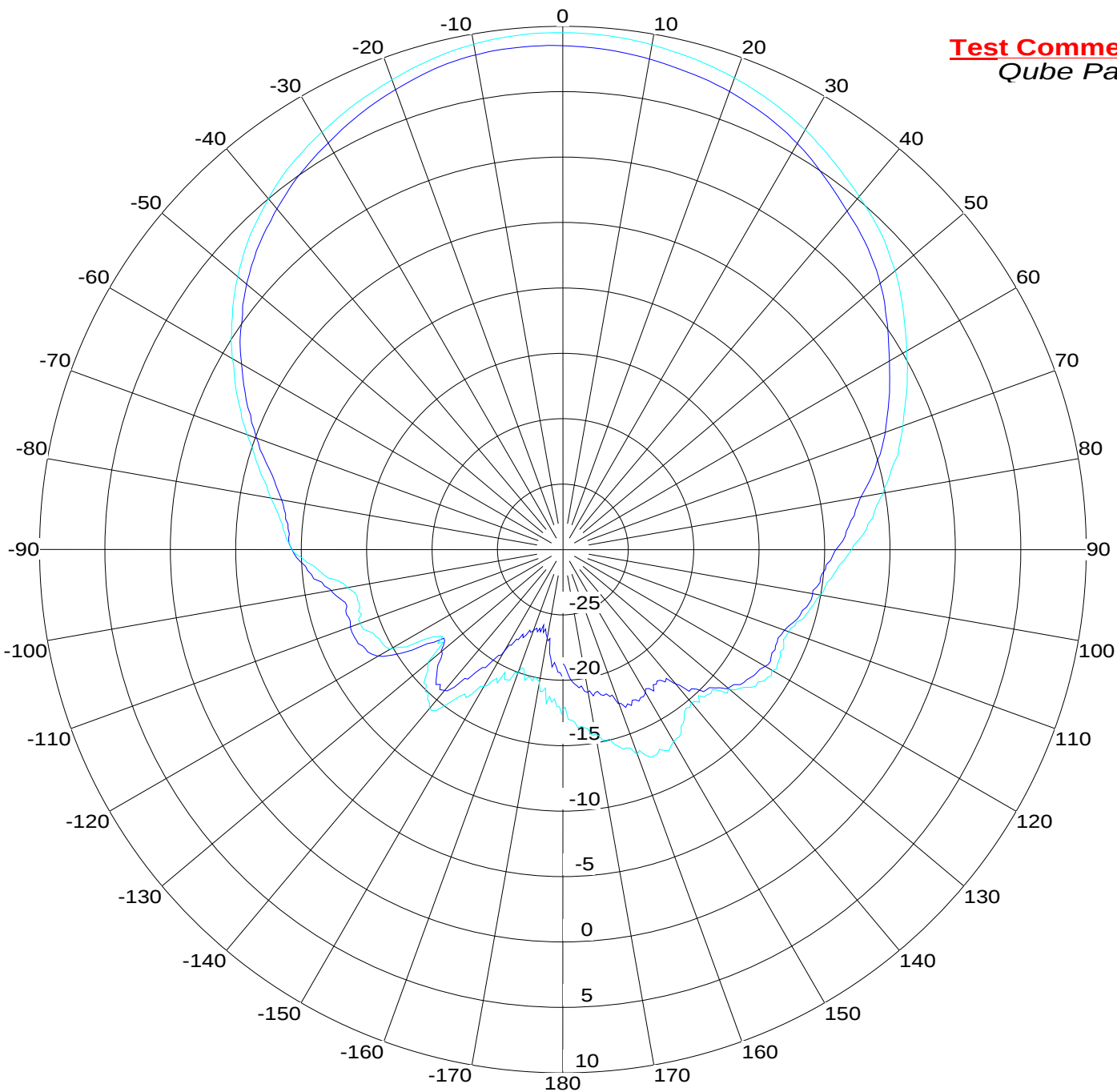
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.535 GHz

Cal. file table channel units

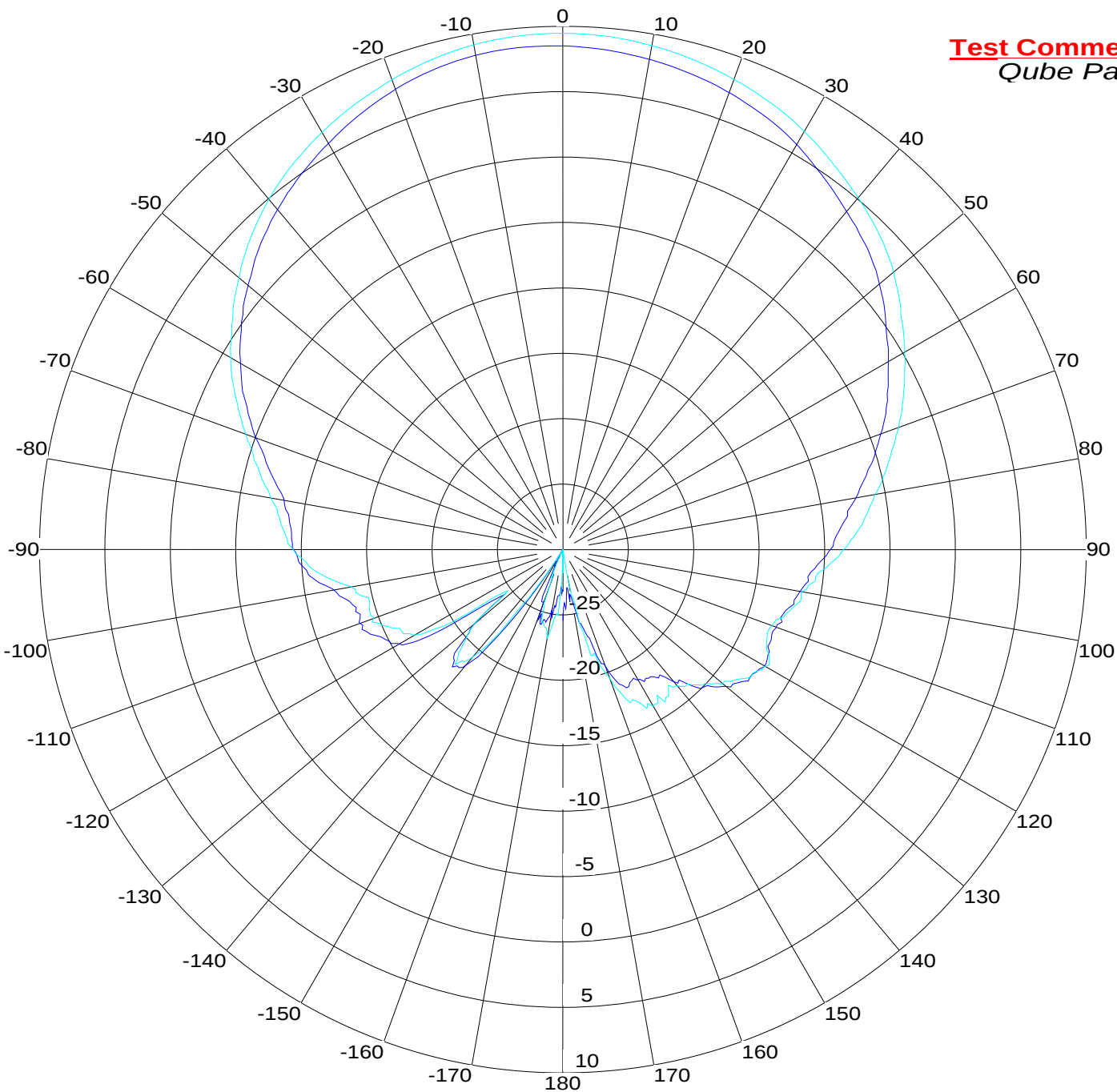
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.540 GHz

Cal. file table channel units

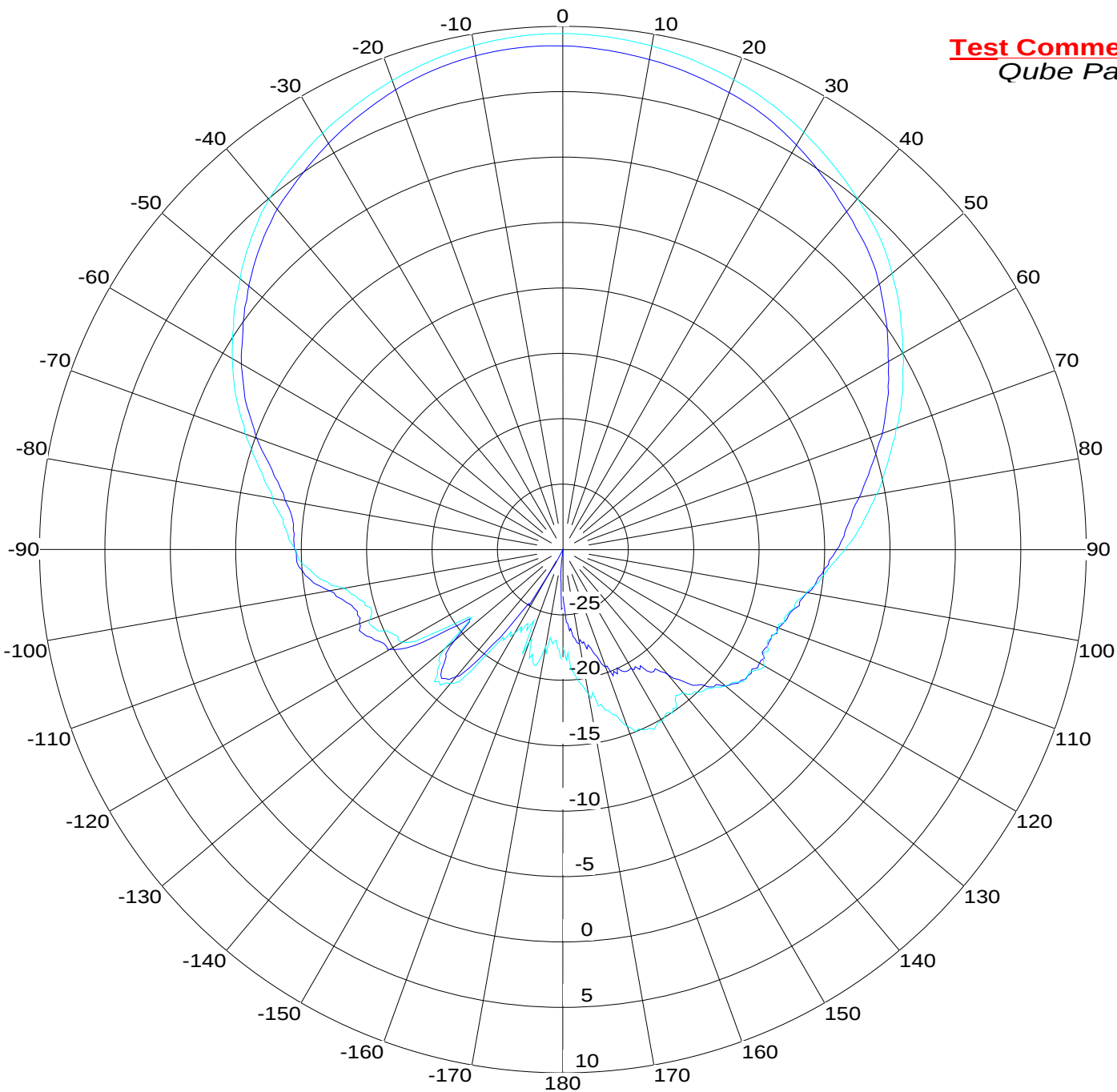
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.545 GHz

Cal. file table channel units

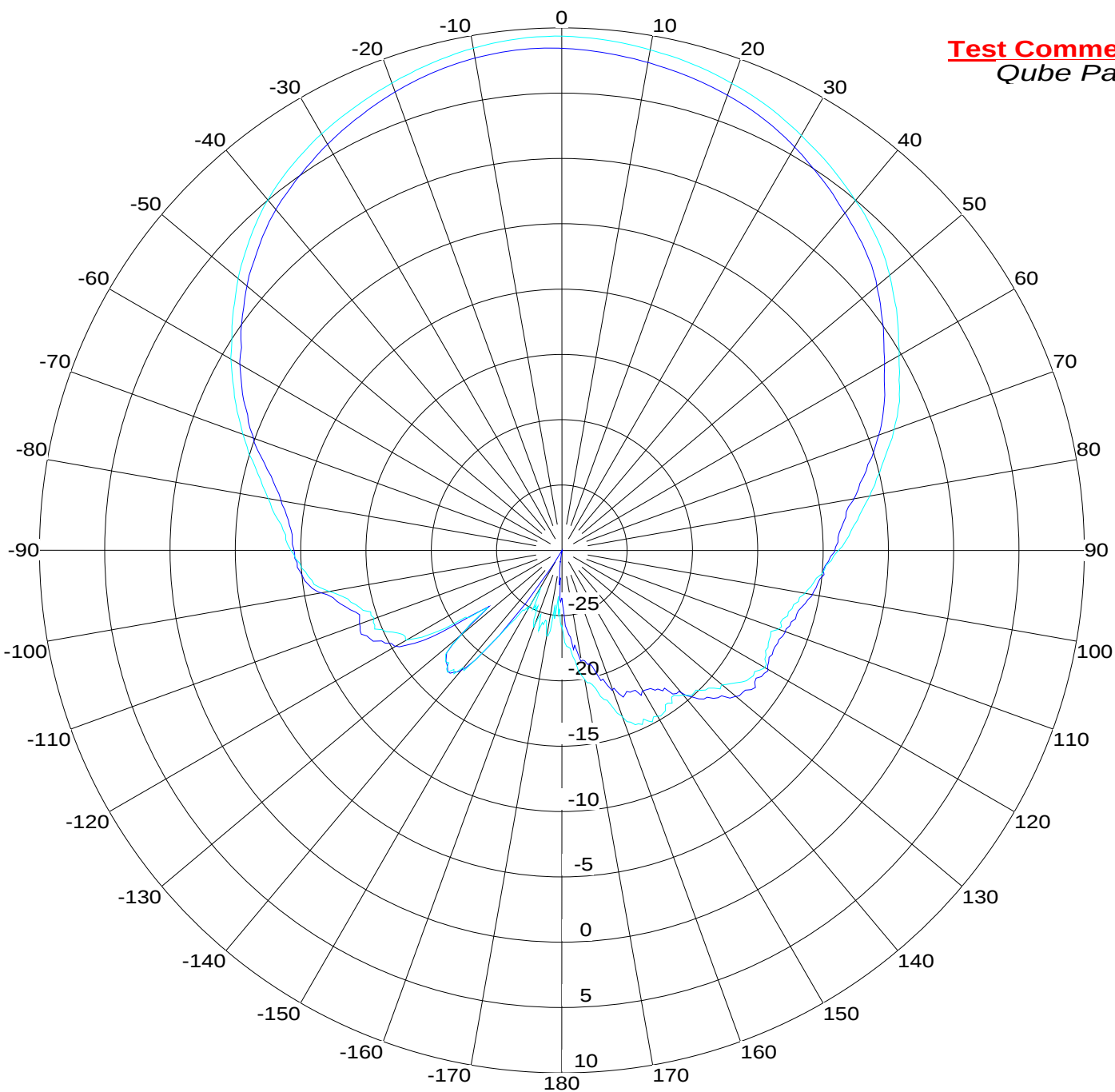
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.550 GHz

Cal. file table channel units

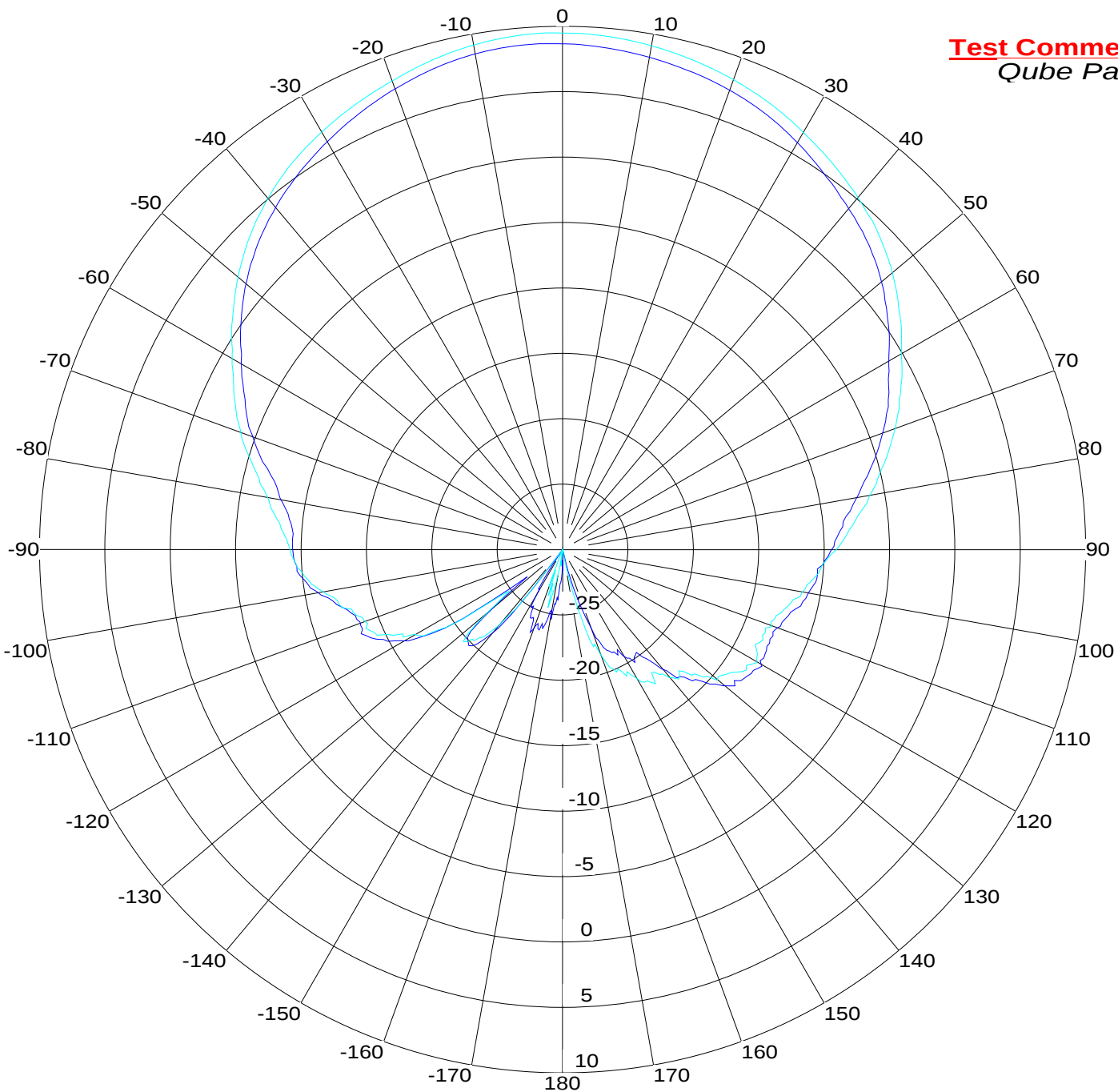
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.555 GHz

Cal. file table channel units

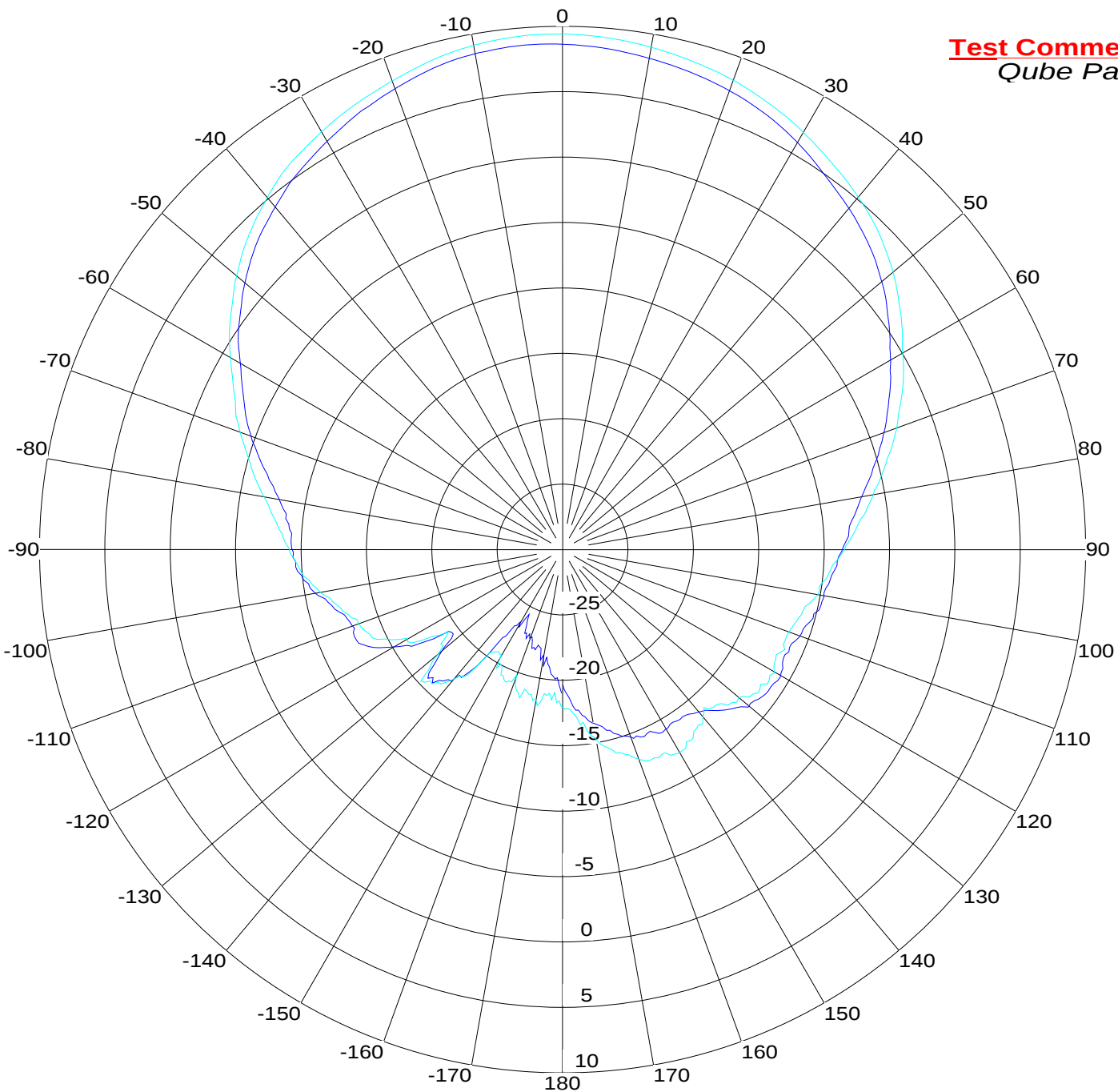
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.560 GHz

Cal. file table channel units

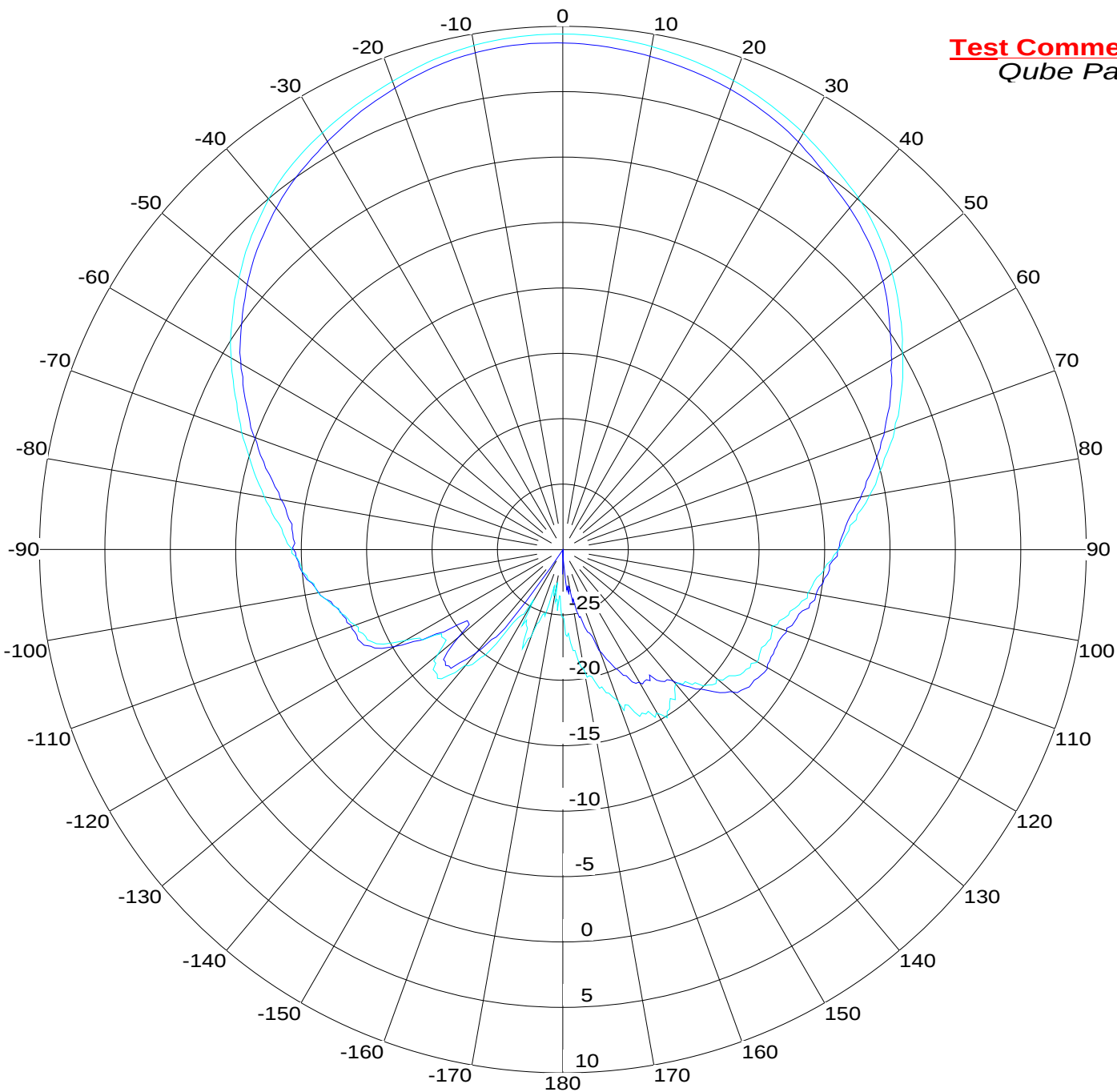
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.565 GHz

Cal. file table channel units

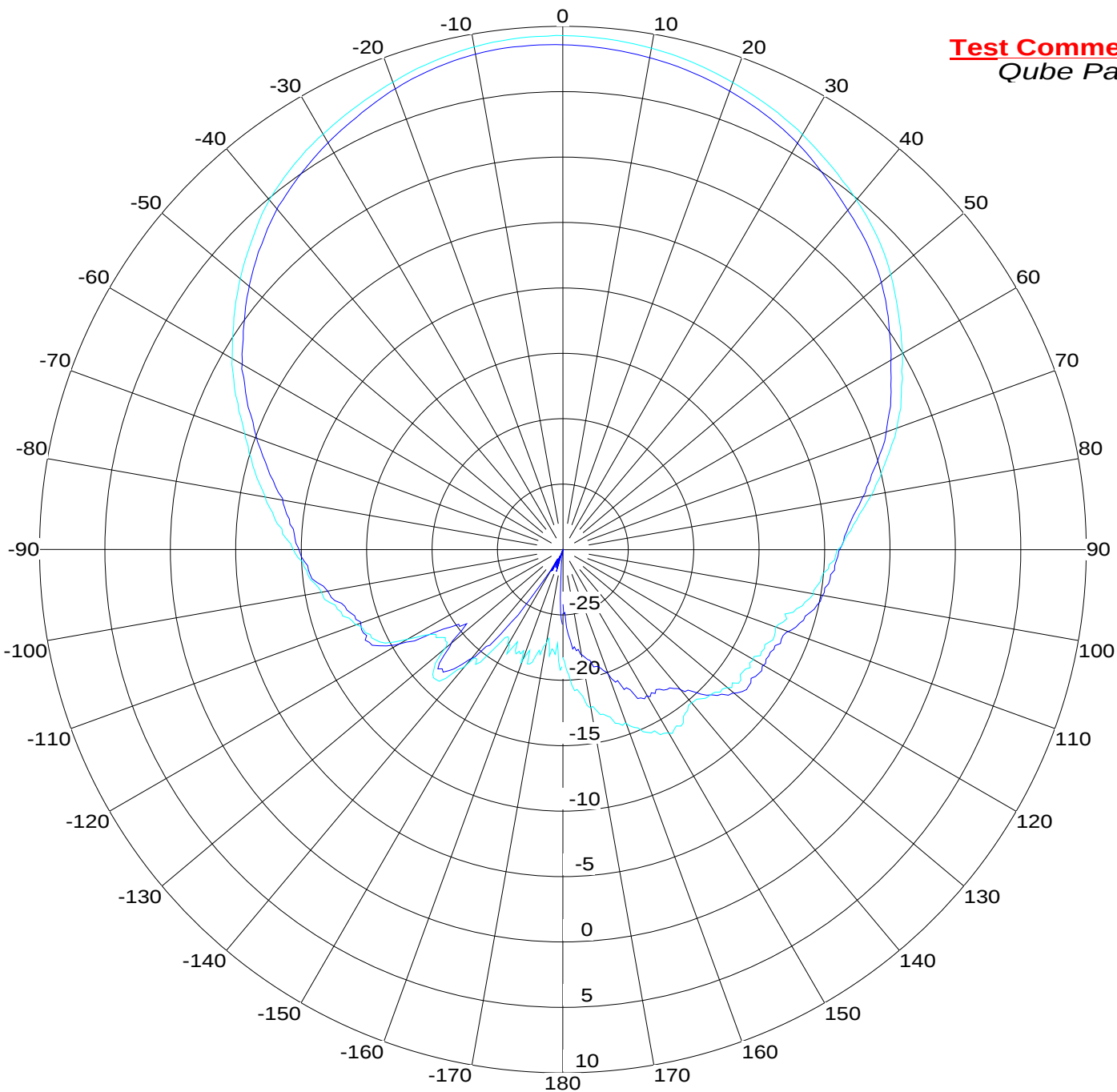
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.570 GHz

Cal. file table channel units

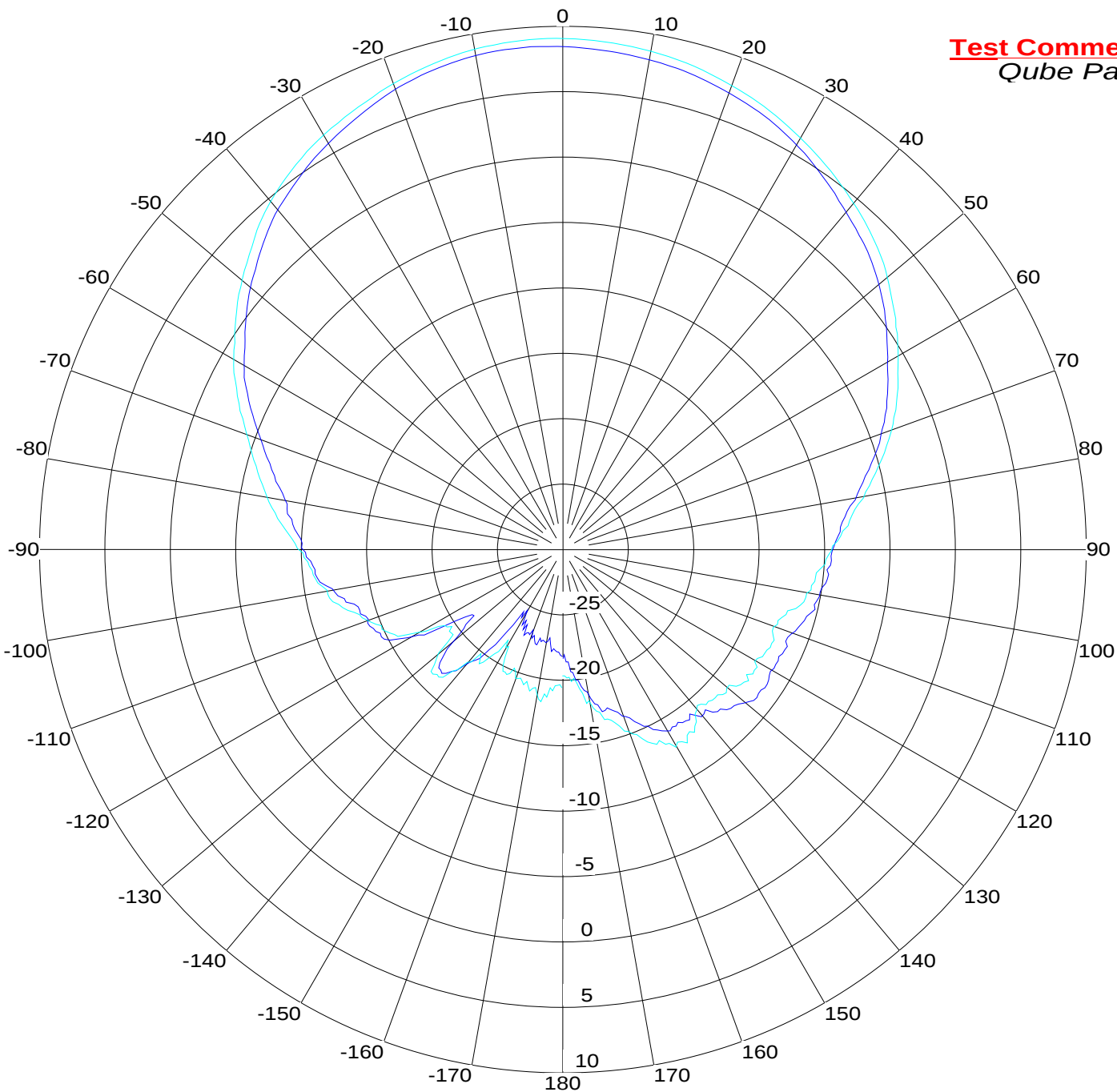
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.575 GHz

Cal. file table channel units

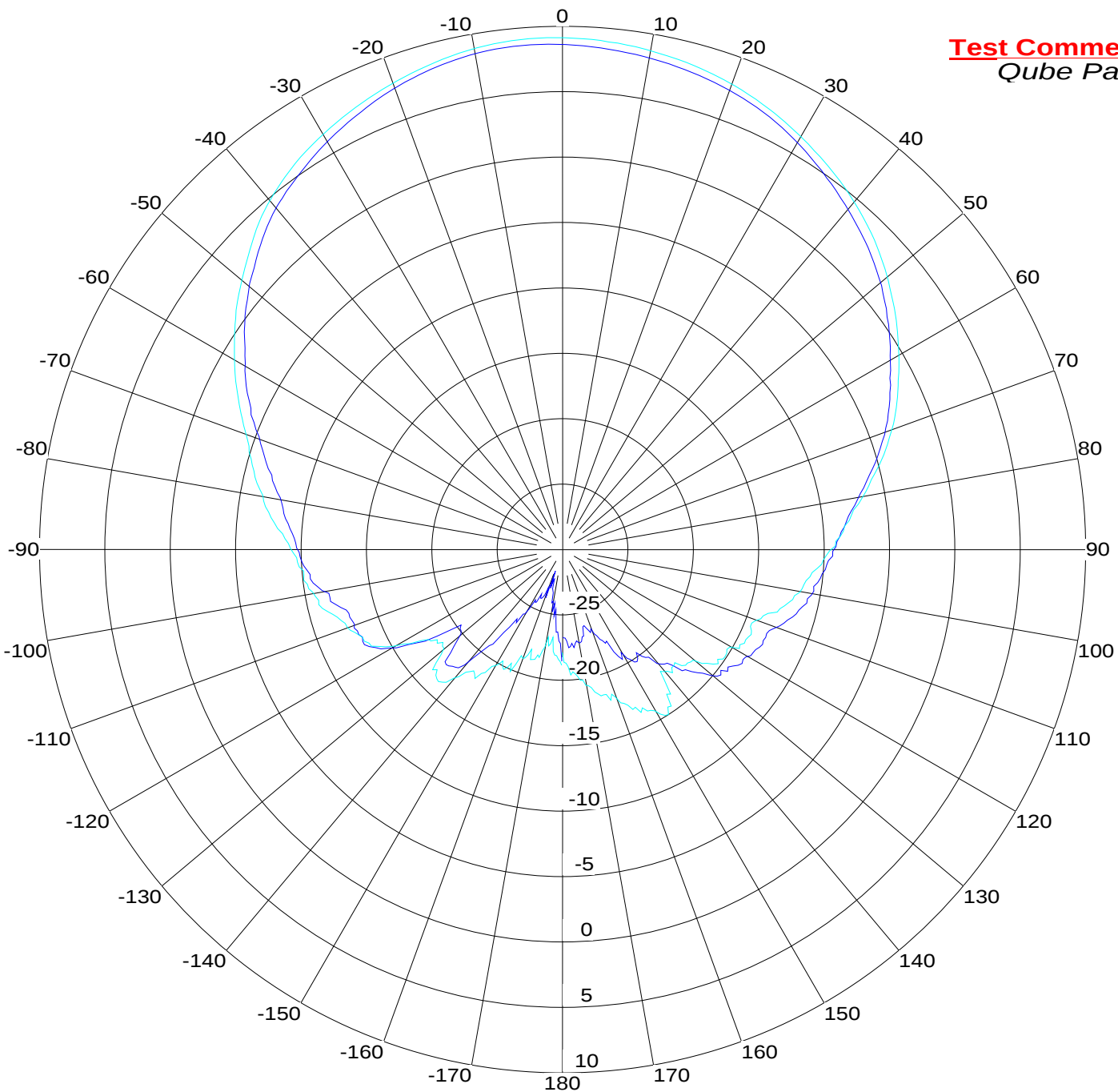
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.580 GHz

Cal. file table channel units

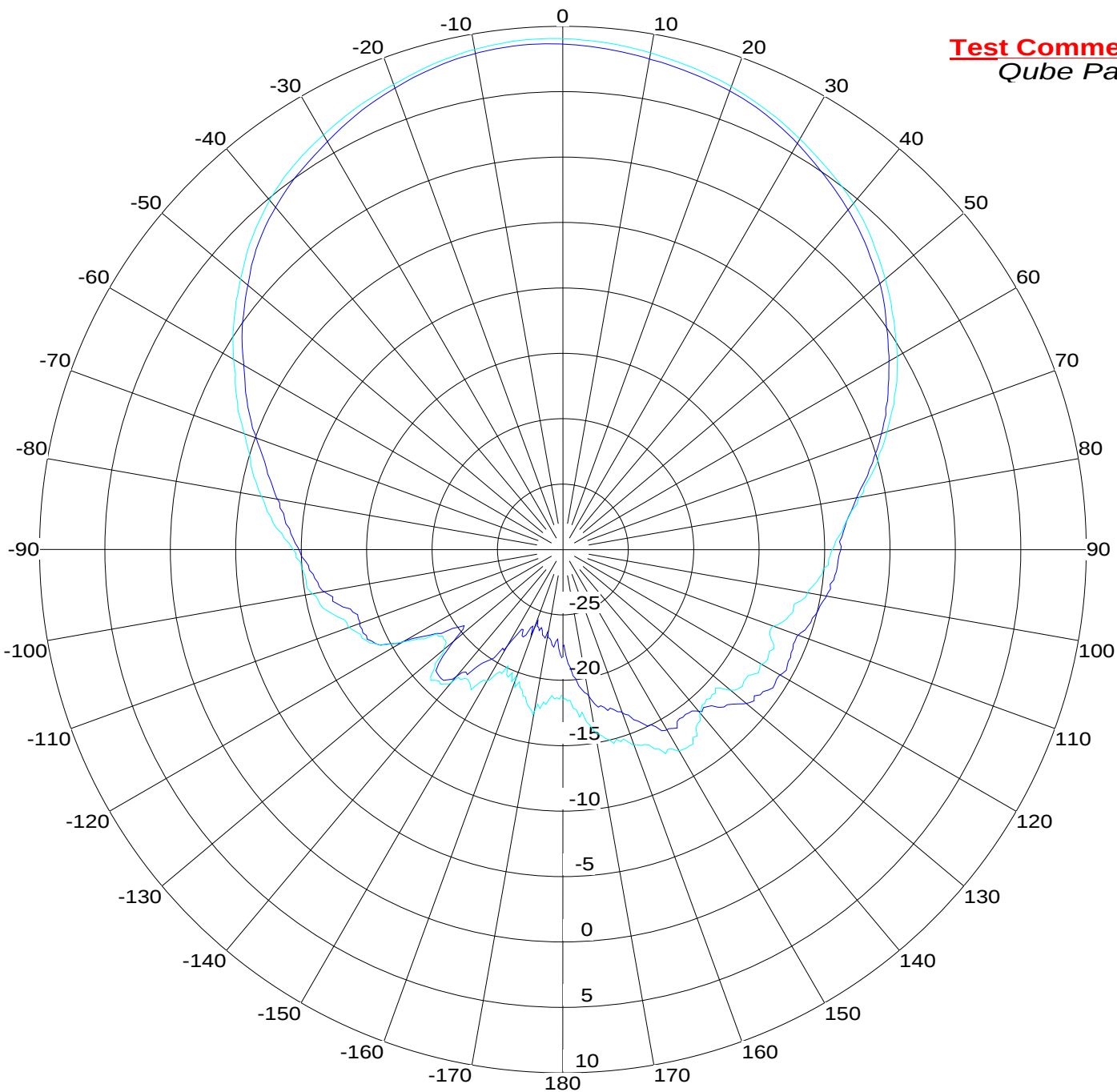
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.585 GHz

Cal. file table channel units

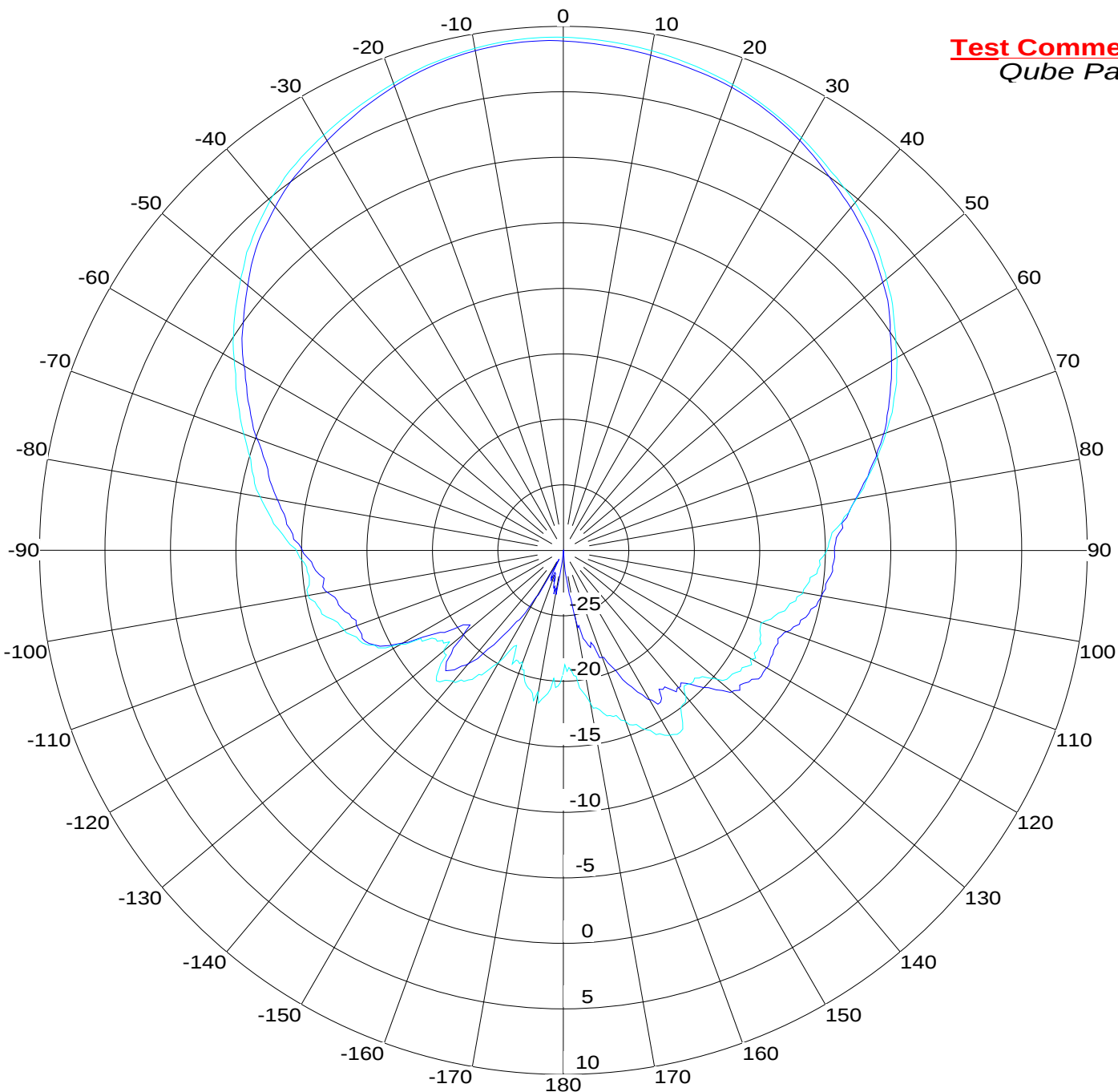
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.590 GHz

Cal. file table channel units

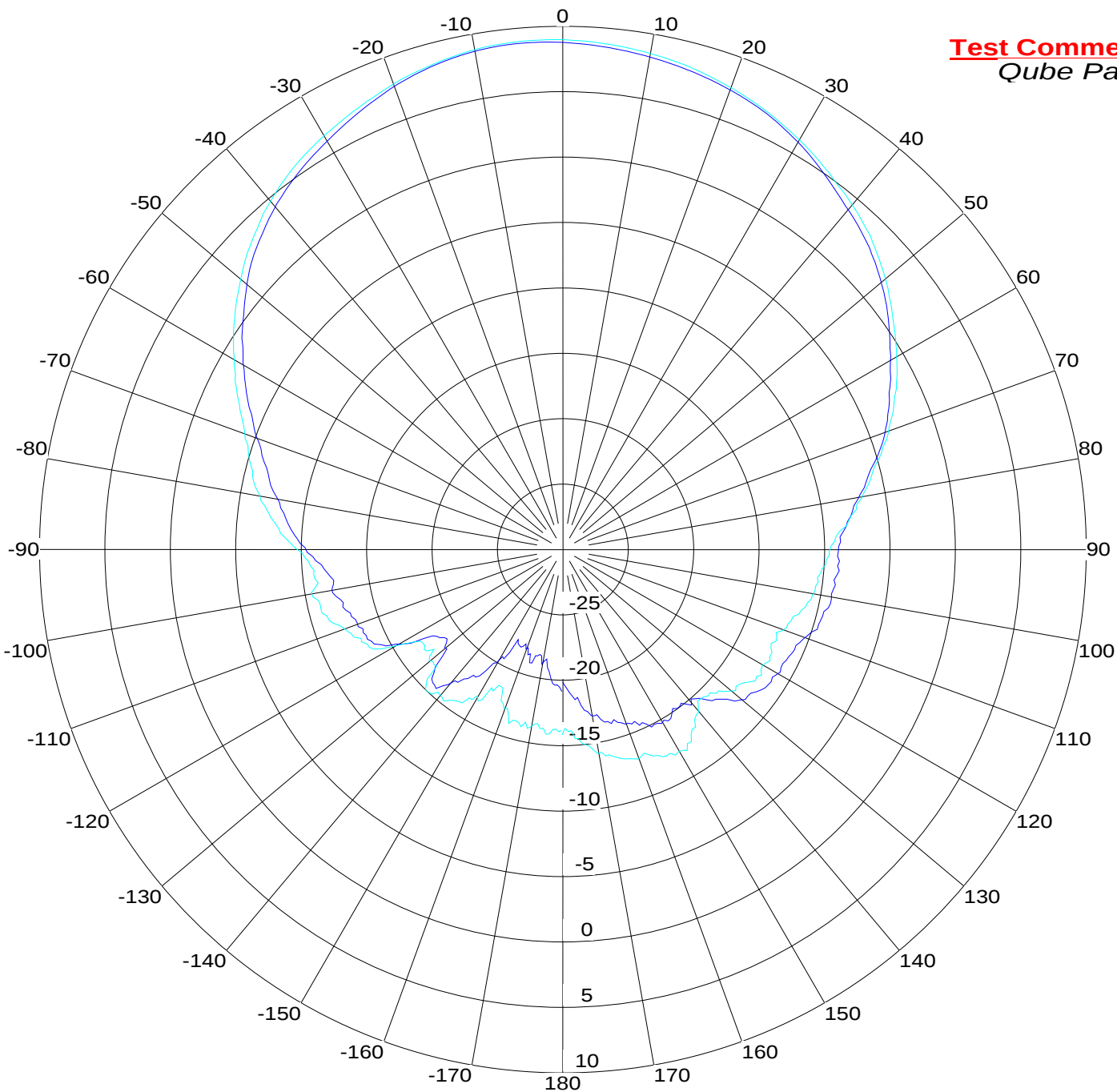
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.595 GHz

Cal. file table channel units

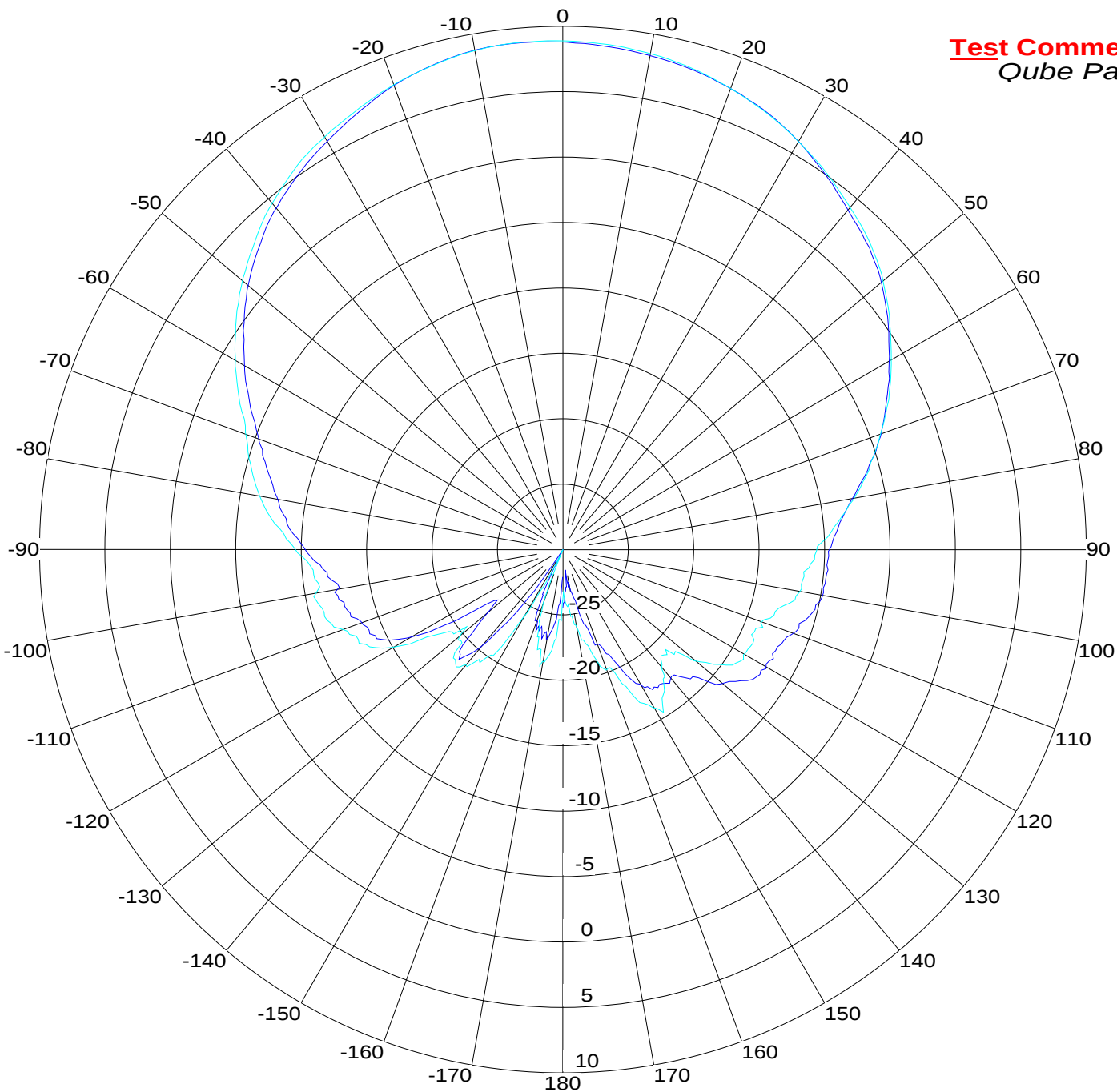
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Azimuth (Degs)

Test Comments:

Qube Patch S/N 1, Azimuth

Date: 31-Jan-13

Time 15:48

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.600 GHz

Cal. file table channel units

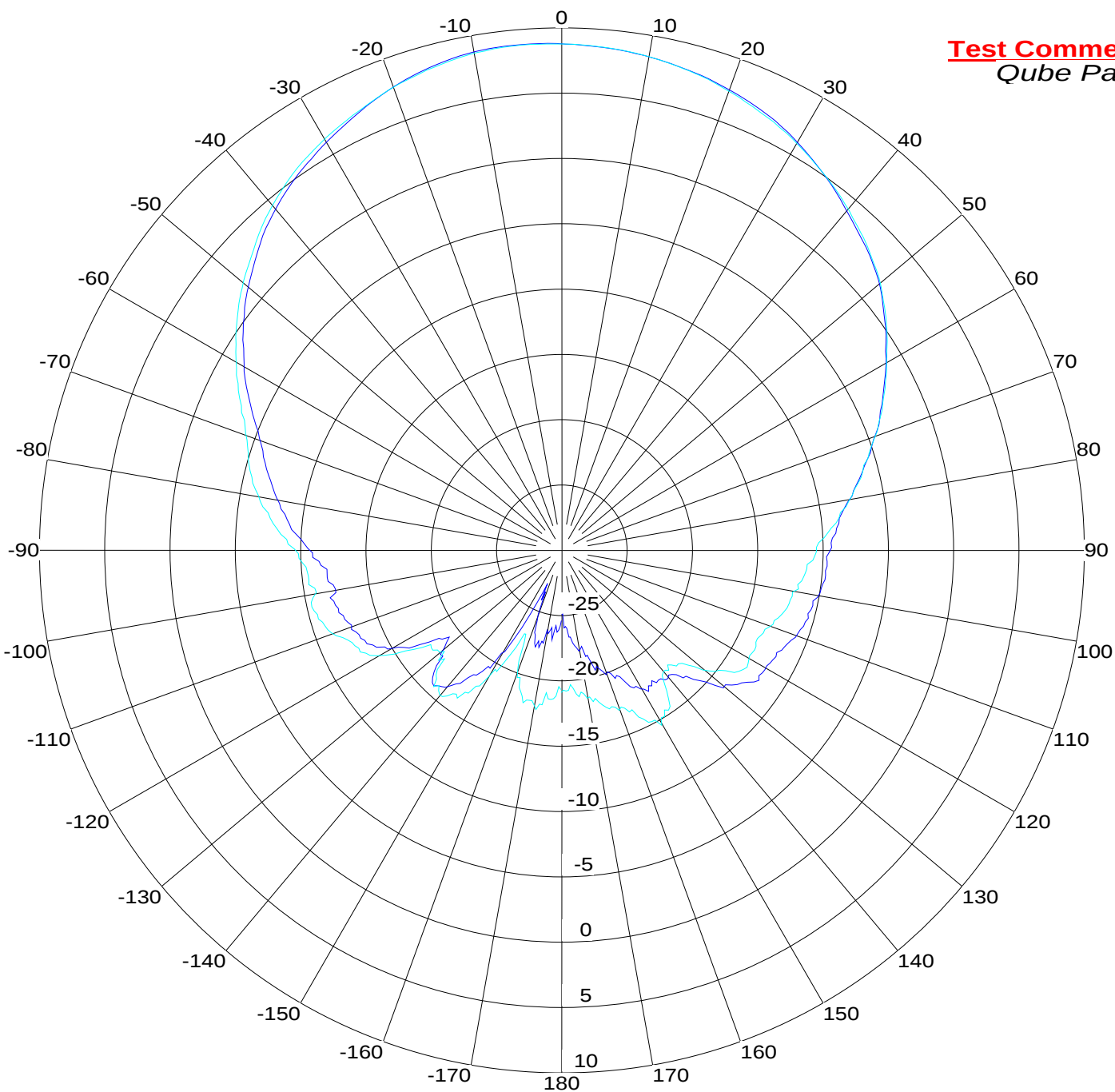
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_A —

QubePatch2_A —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.200 GHz

Cal. file table channel units

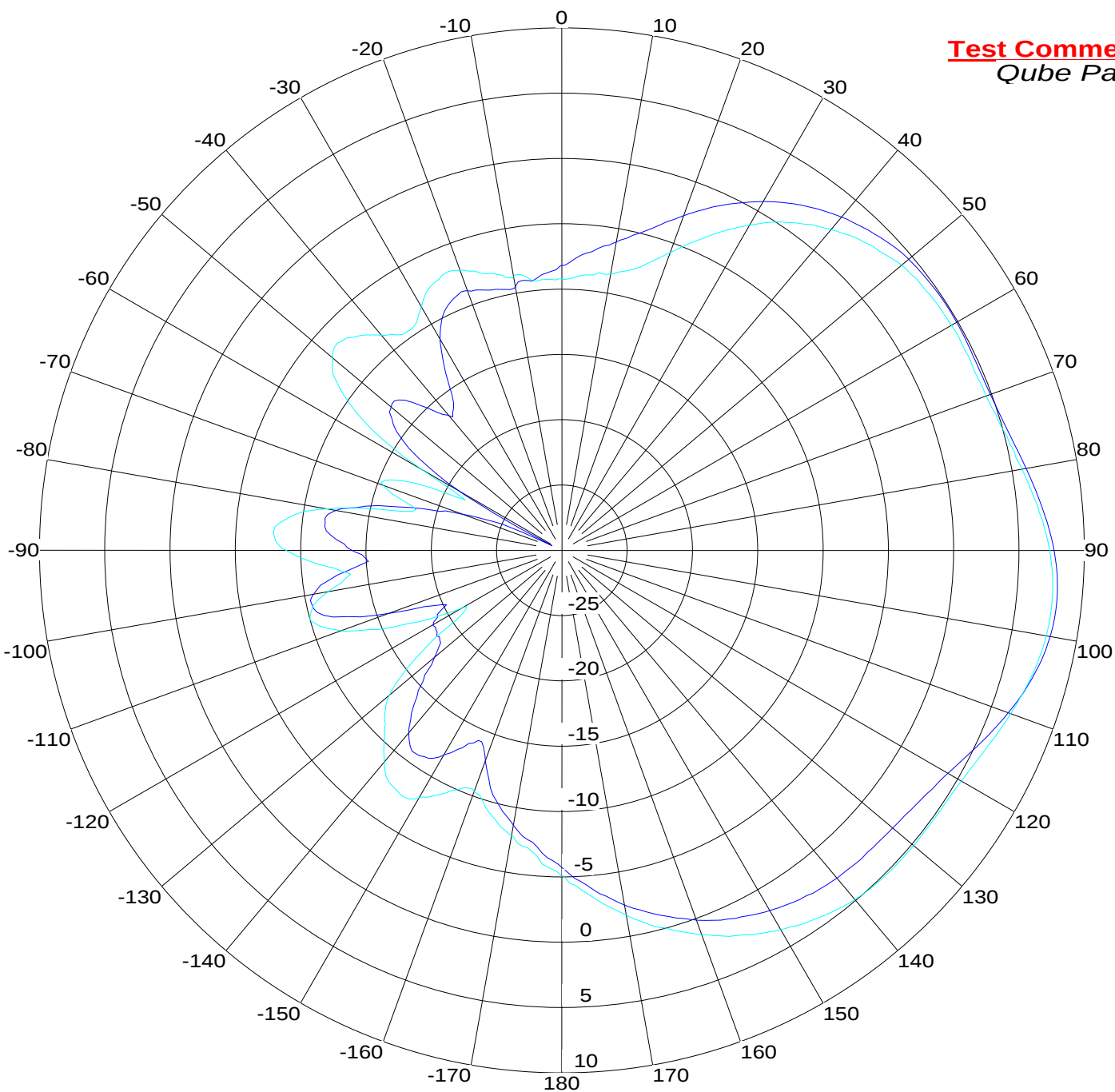
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.205 GHz

Cal. file table channel units

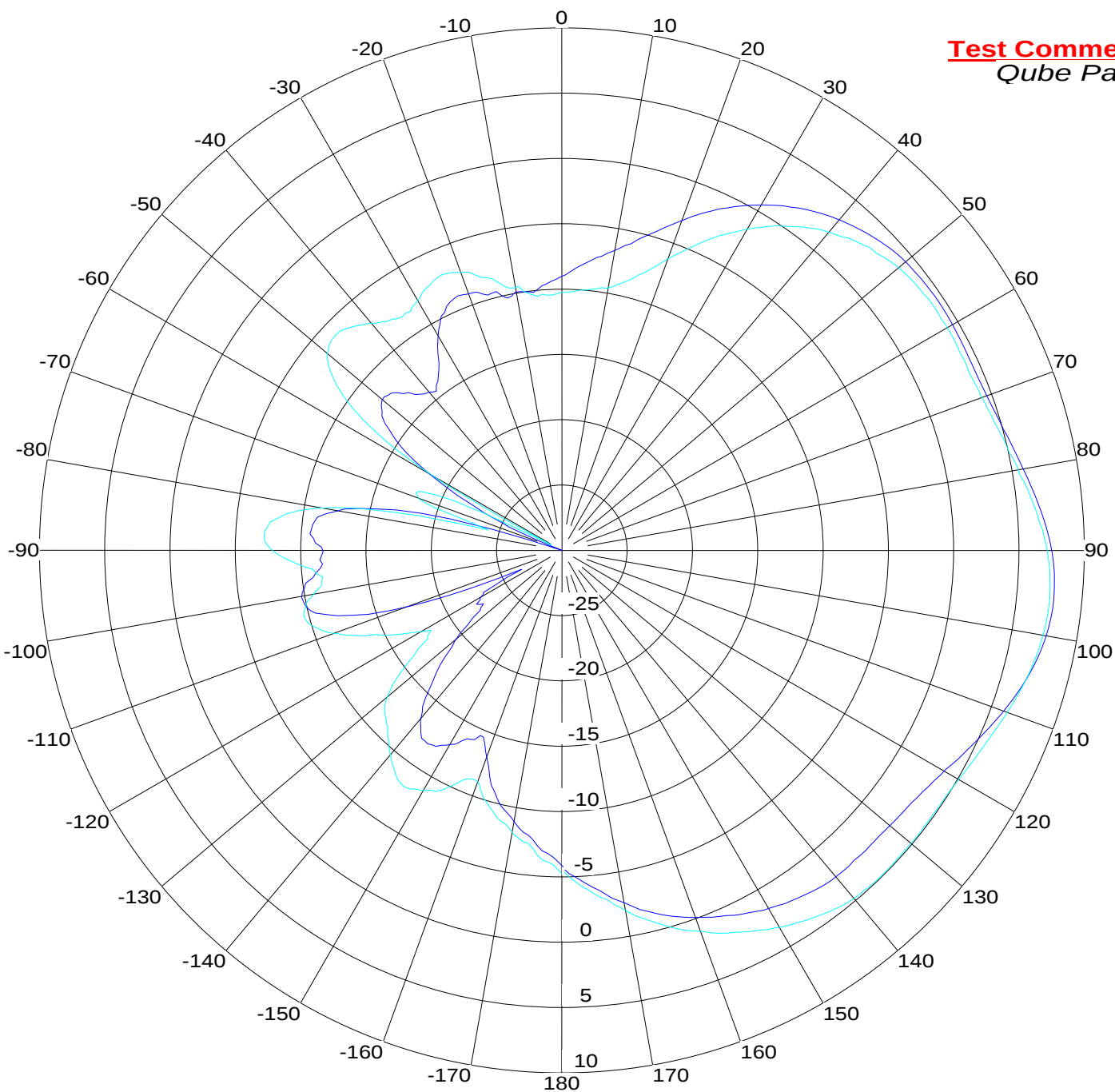
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.210 GHz

Cal. file table channel units

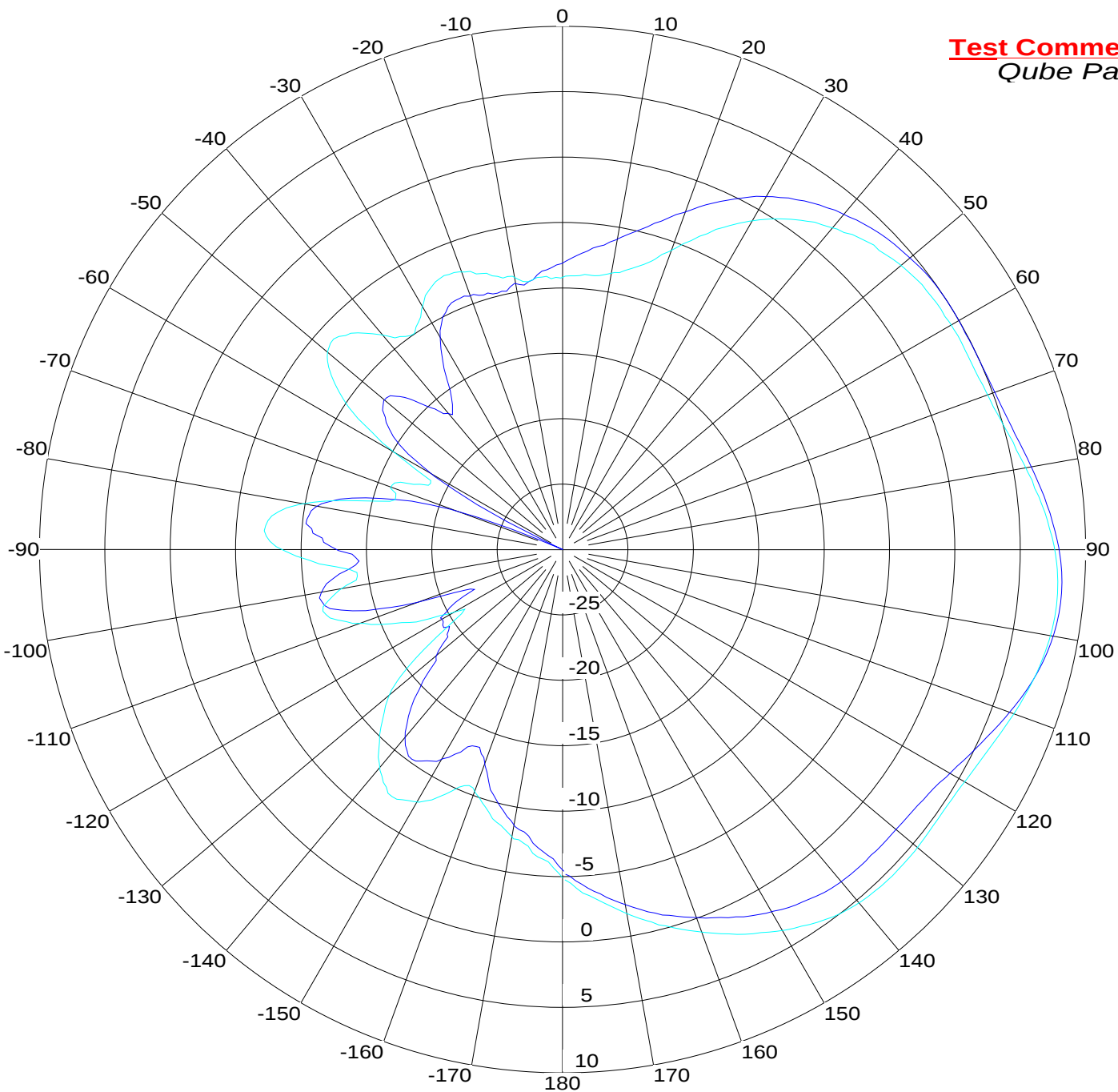
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.215 GHz

Cal. file table channel units

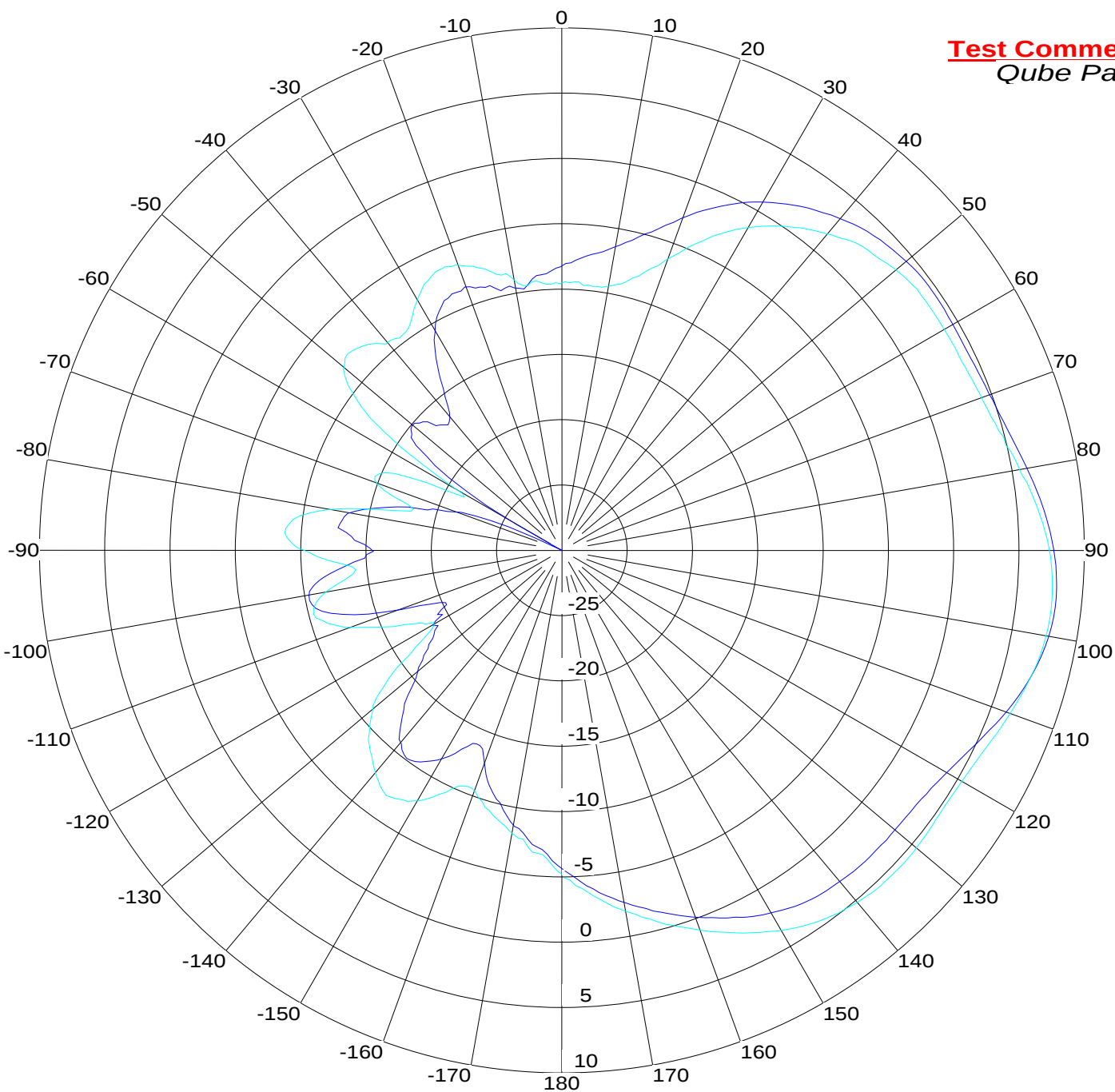
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.220 GHz

Cal. file table channel units

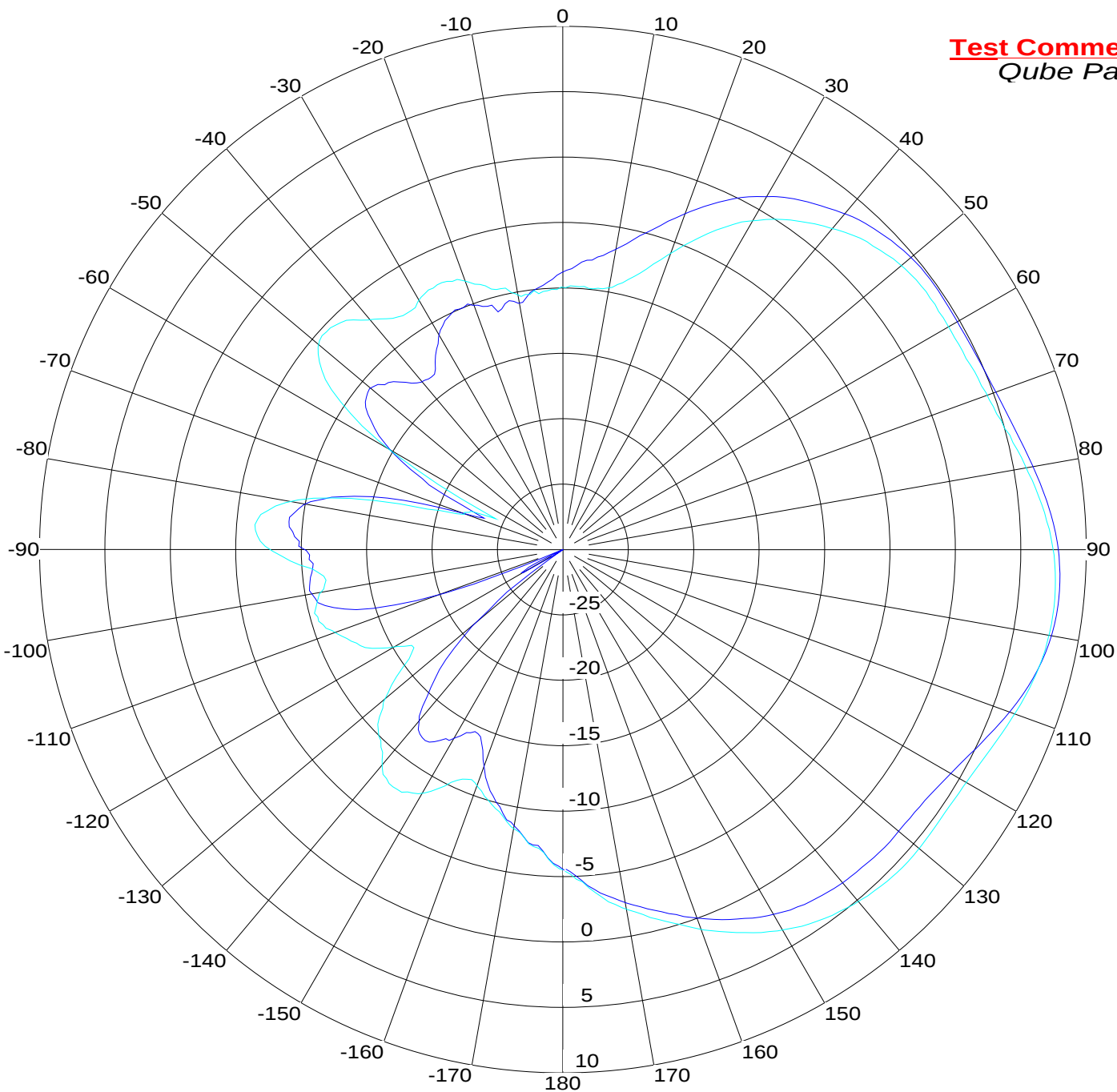
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.225 GHz

Cal. file table channel units

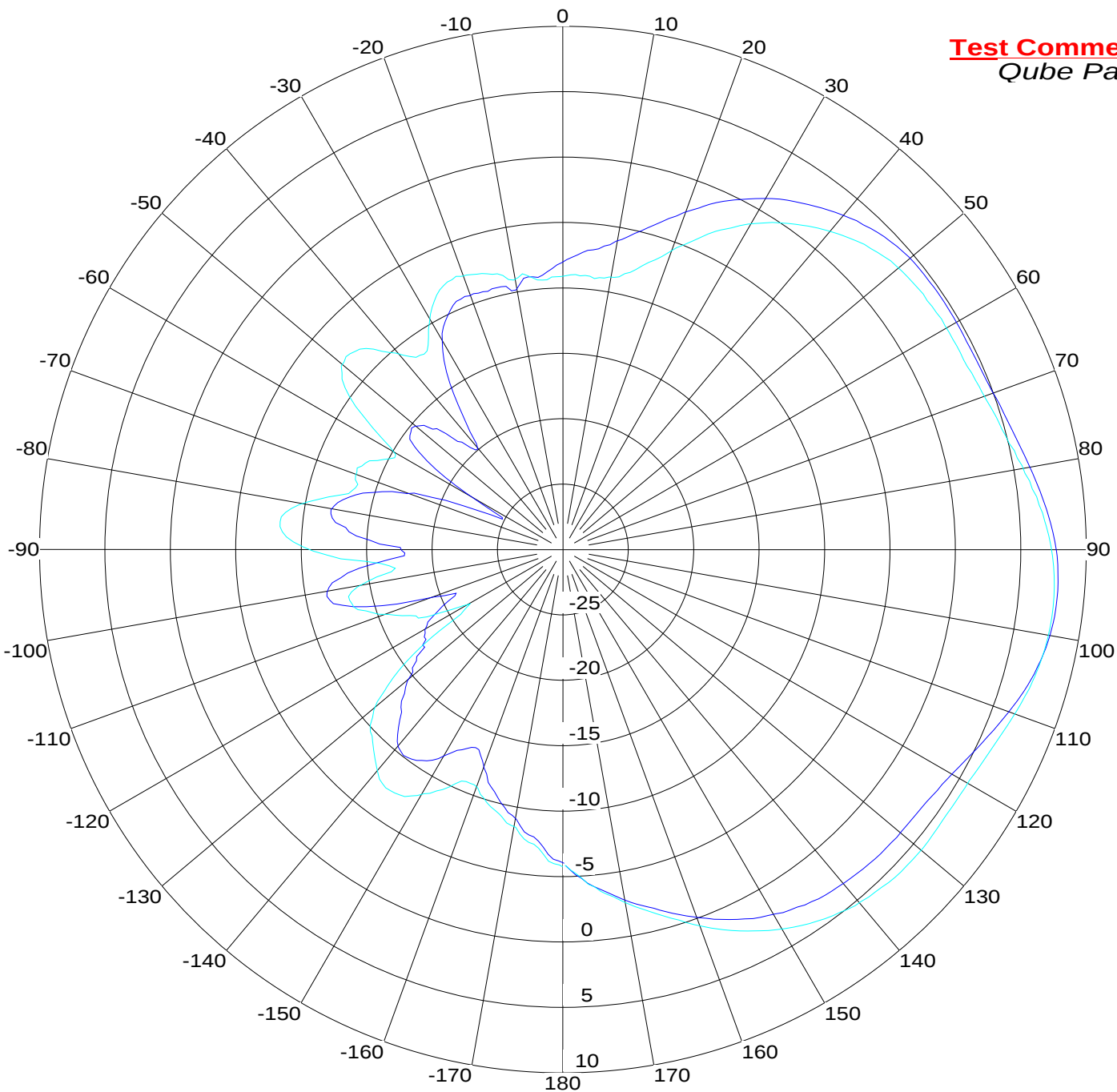
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.230 GHz

Cal. file table channel units

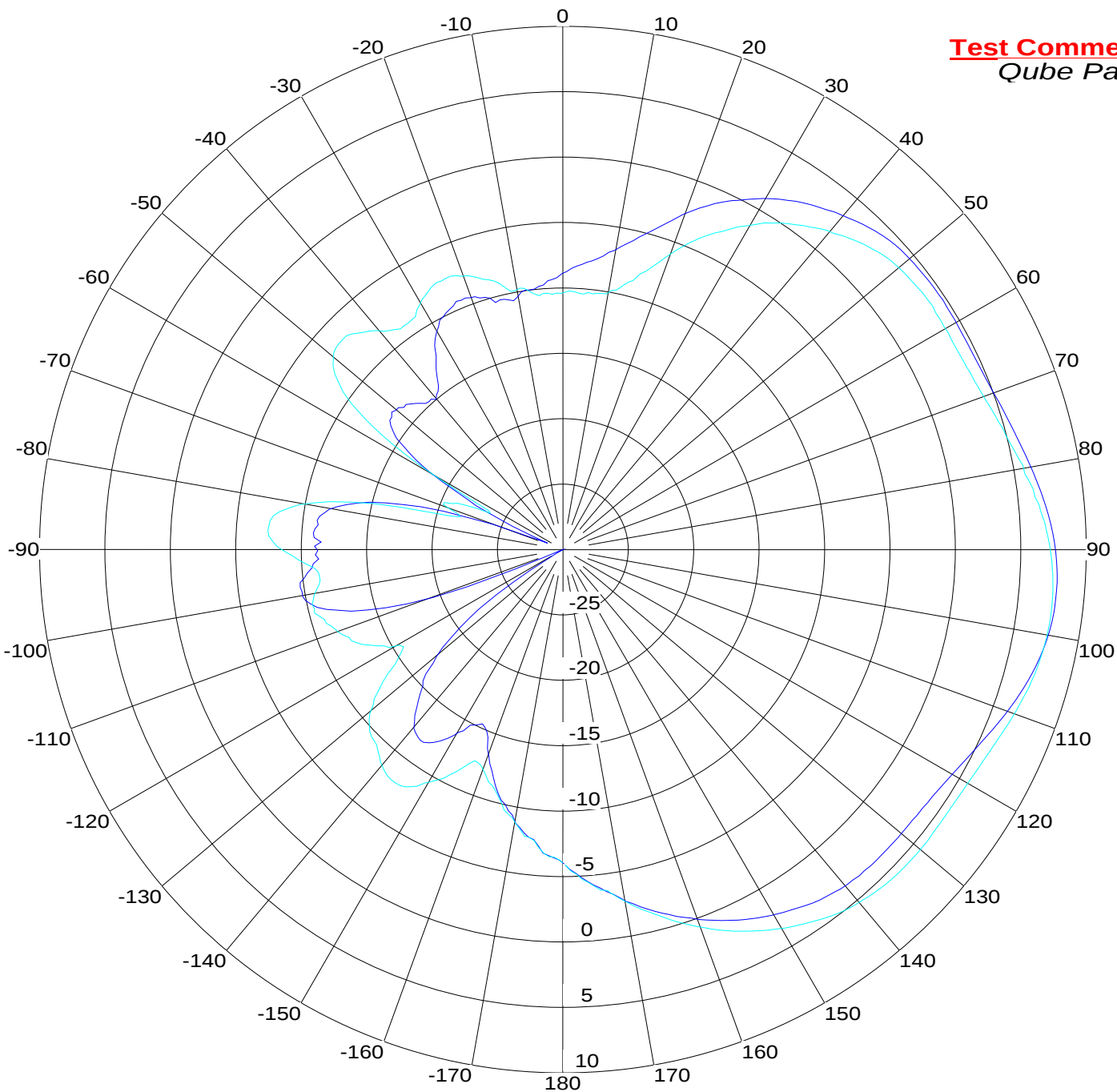
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.235 GHz

Cal. file table channel units

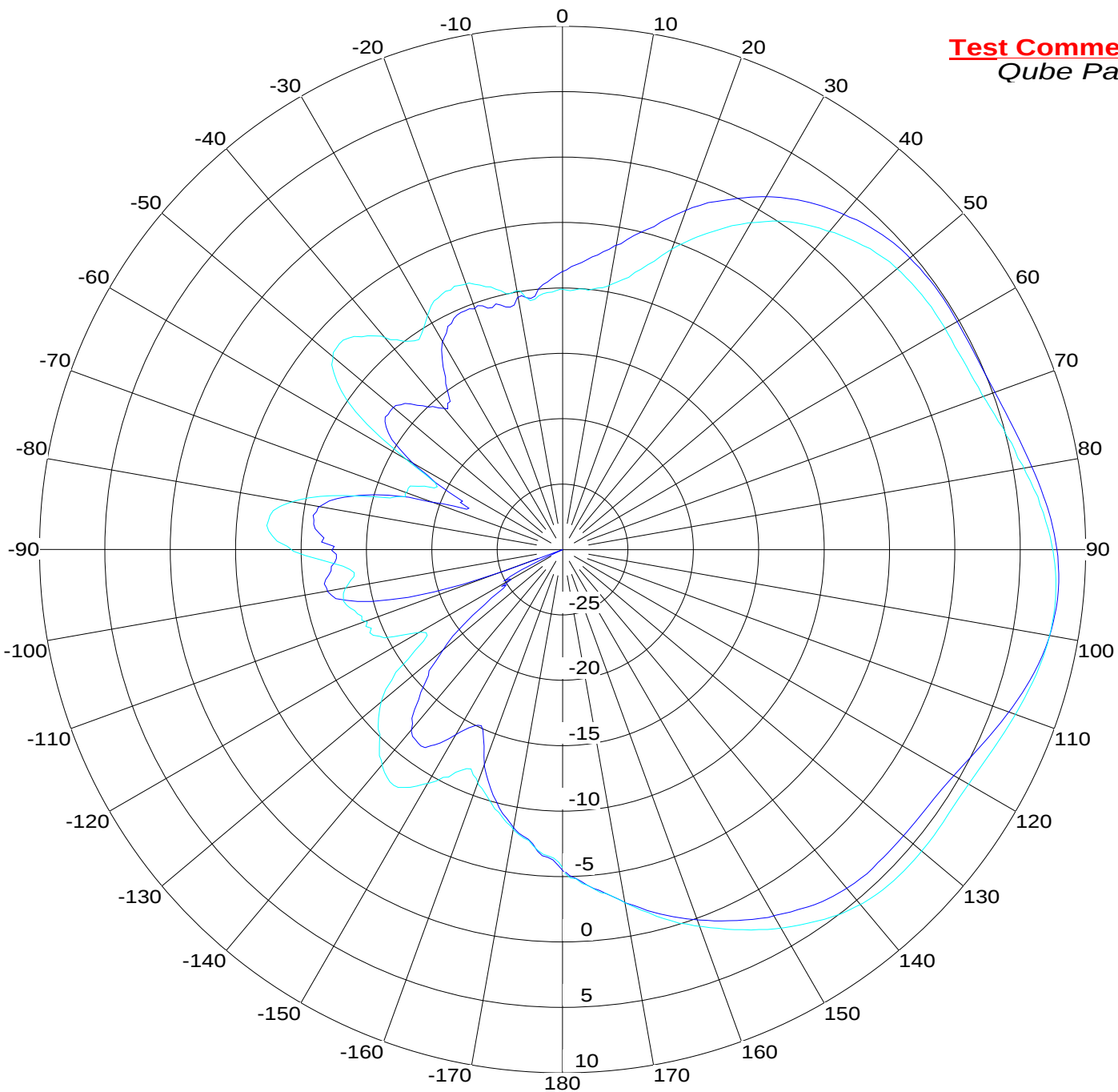
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.240 GHz

Cal. file table channel units

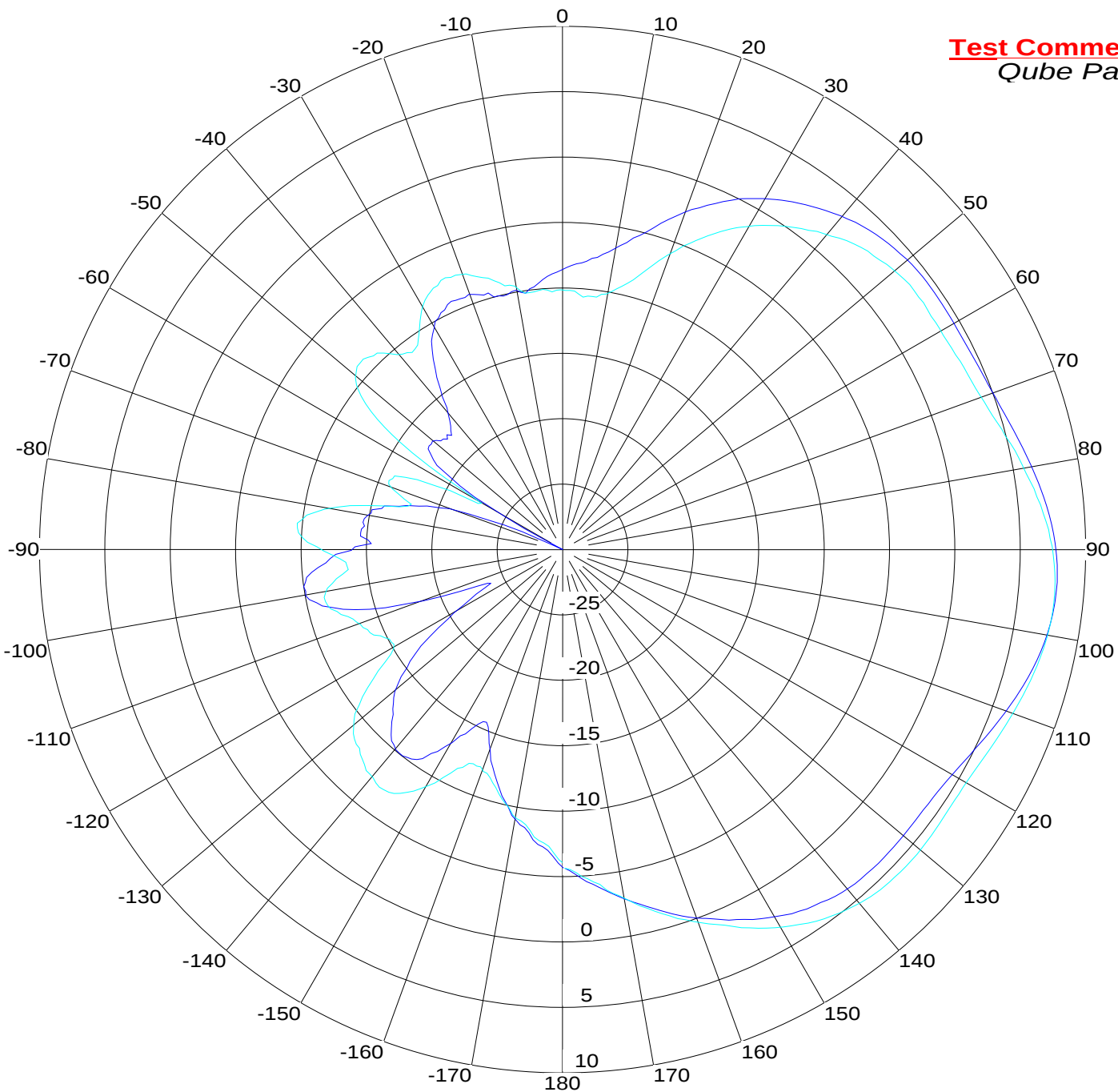
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.245 GHz

Cal. file table channel units

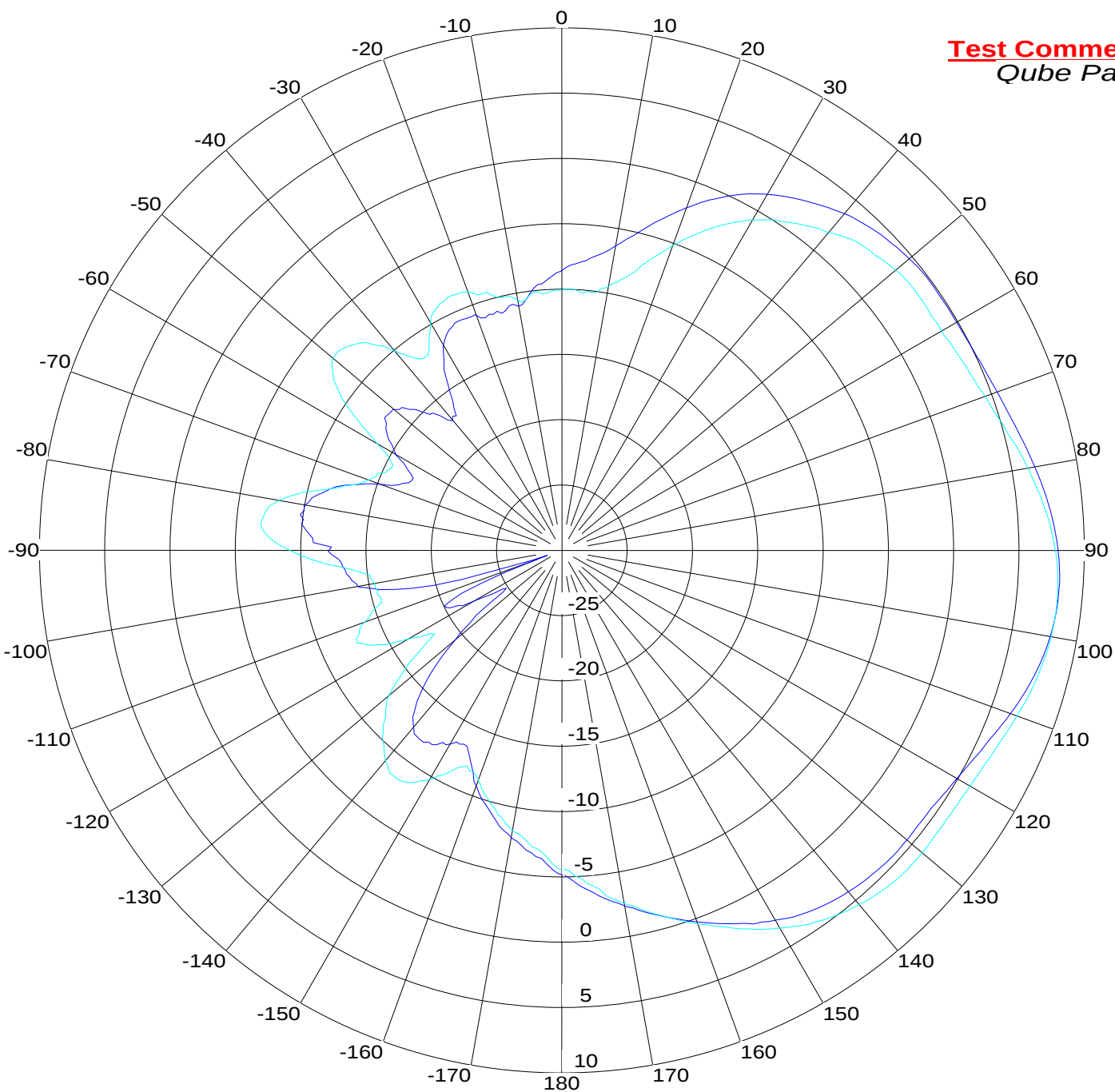
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.250 GHz

Cal. file table channel units

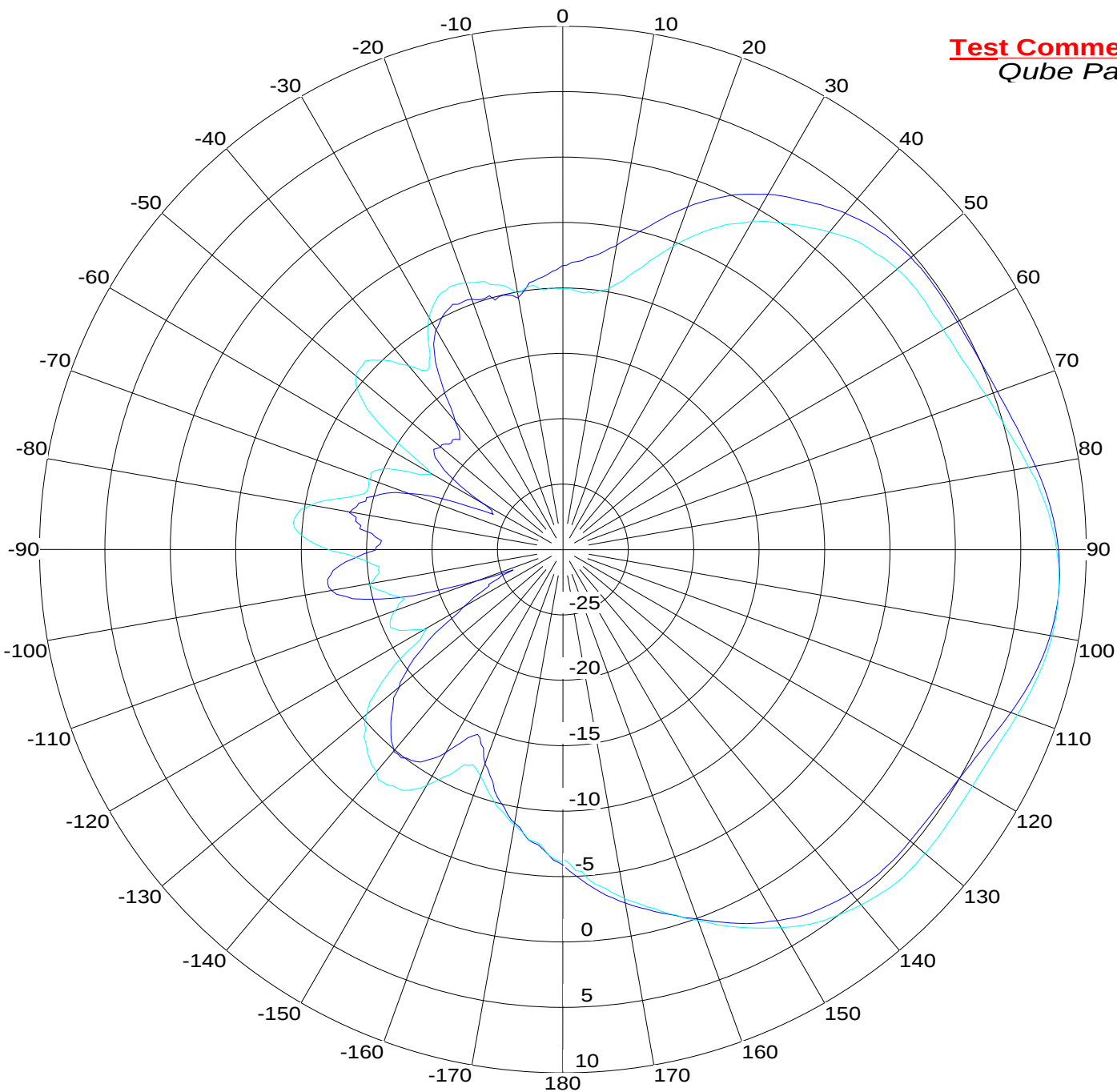
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.255 GHz

Cal. file table channel units

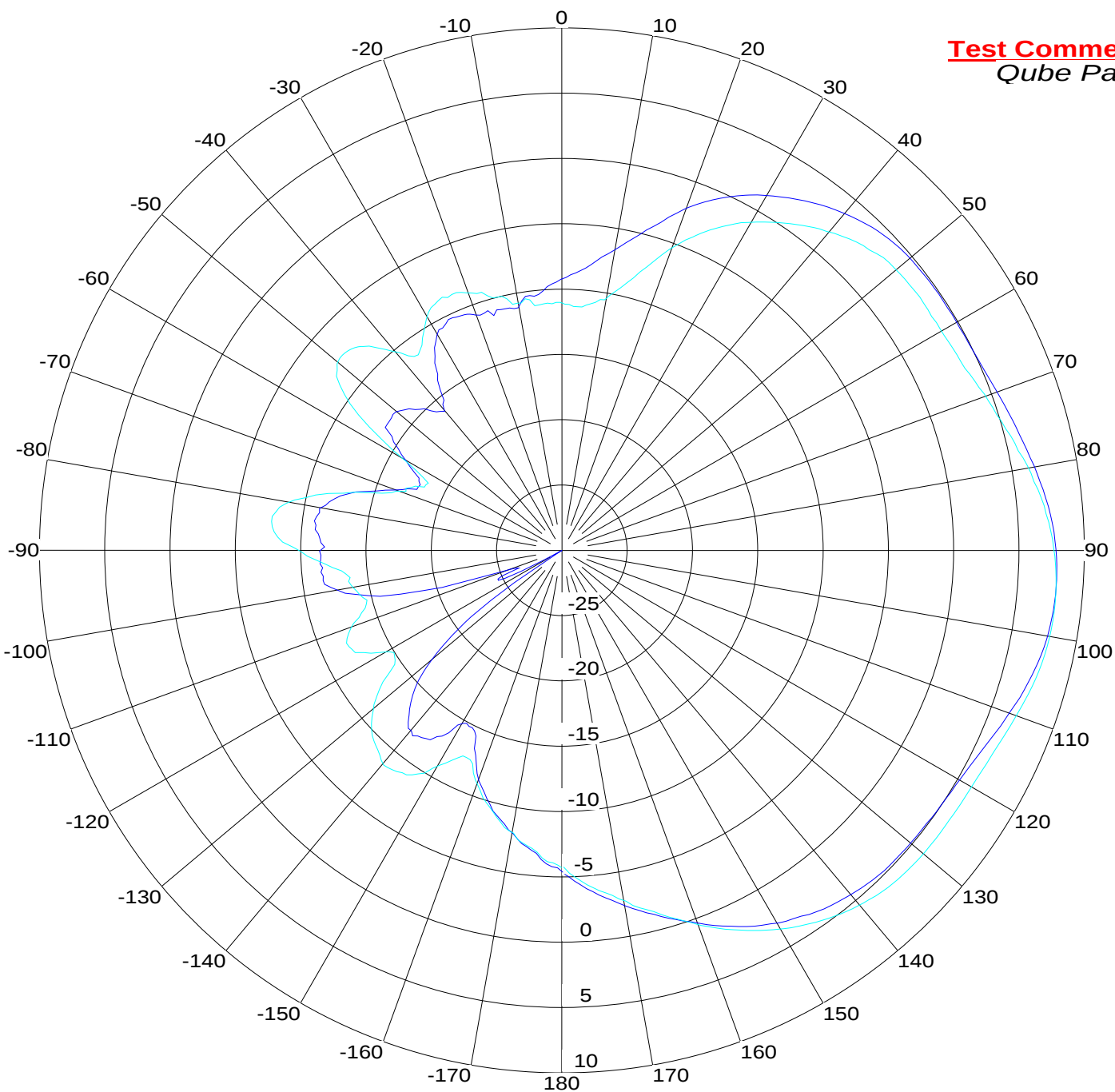
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.260 GHz

Cal. file table channel units

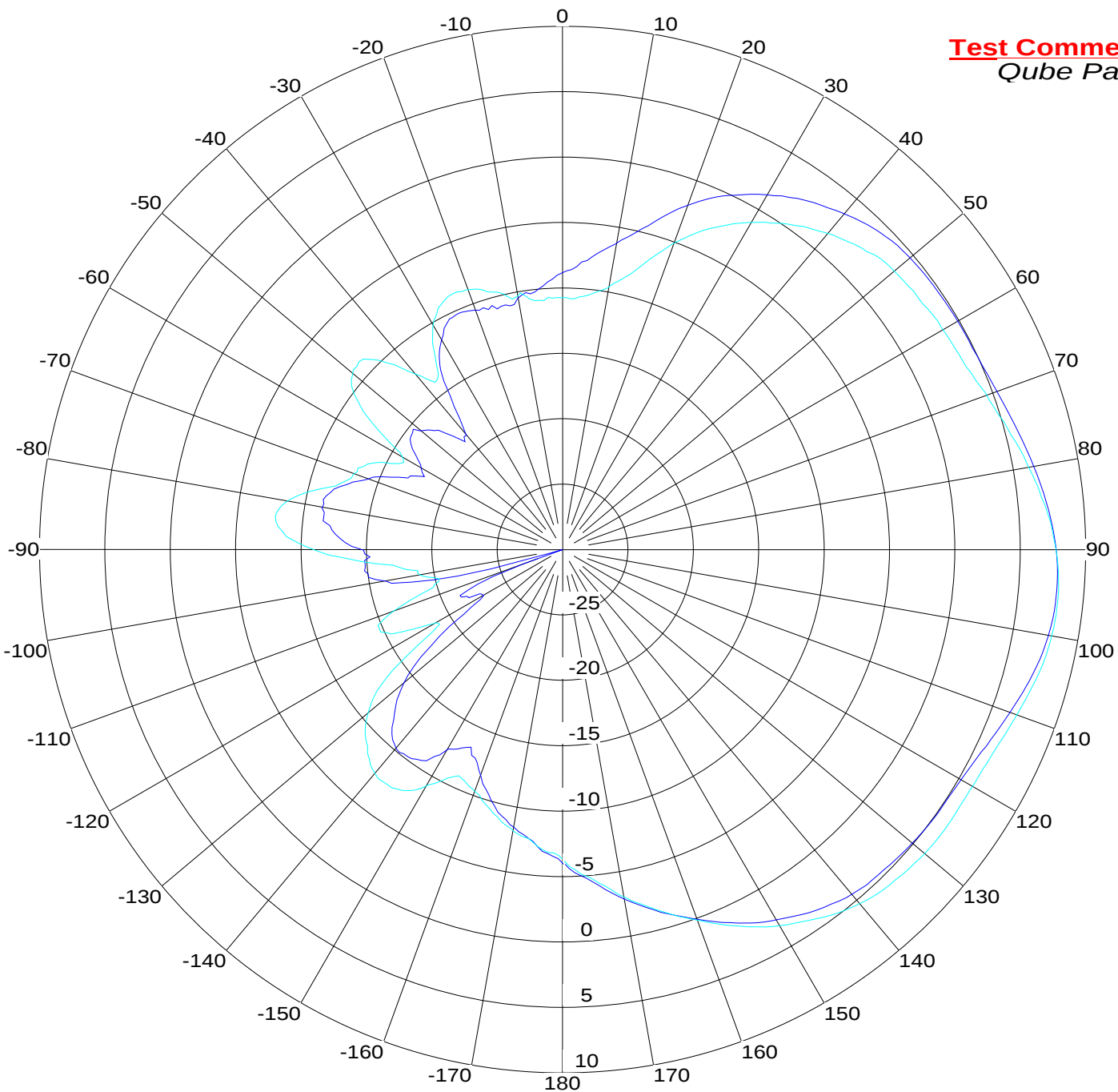
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.265 GHz

Cal. file table channel units

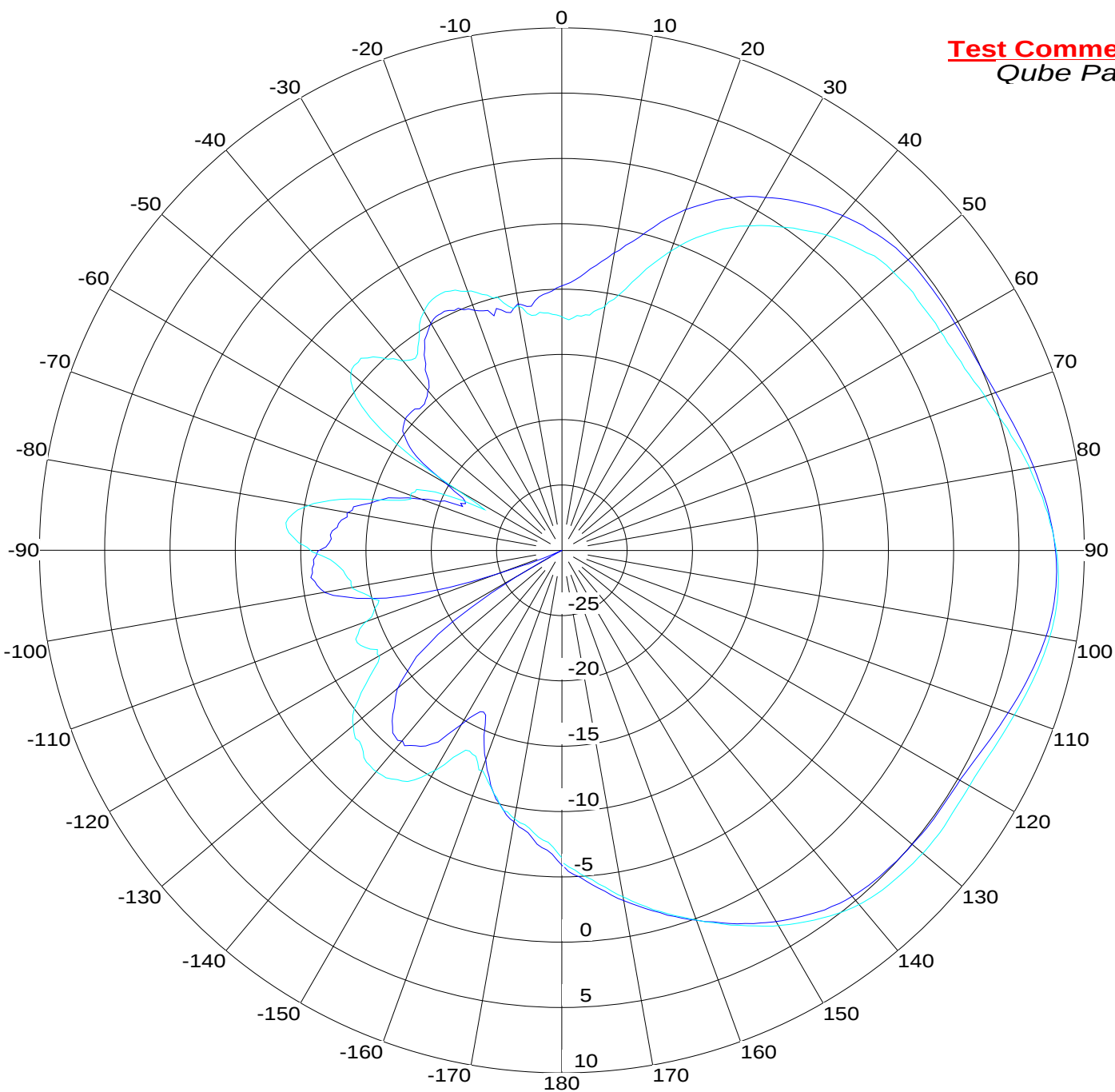
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.270 GHz

Cal. file table channel units

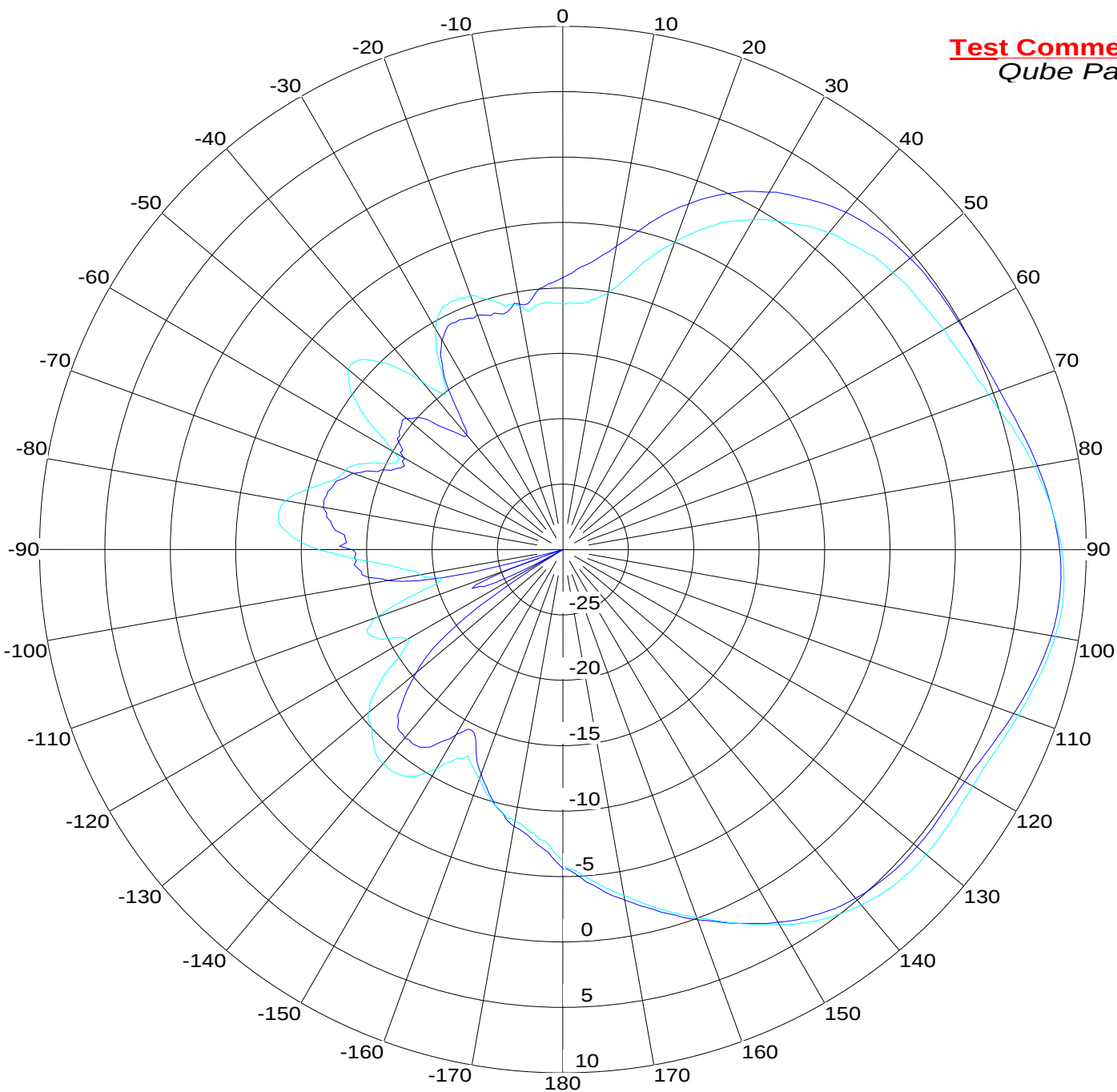
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.275 GHz

Cal. file table channel units

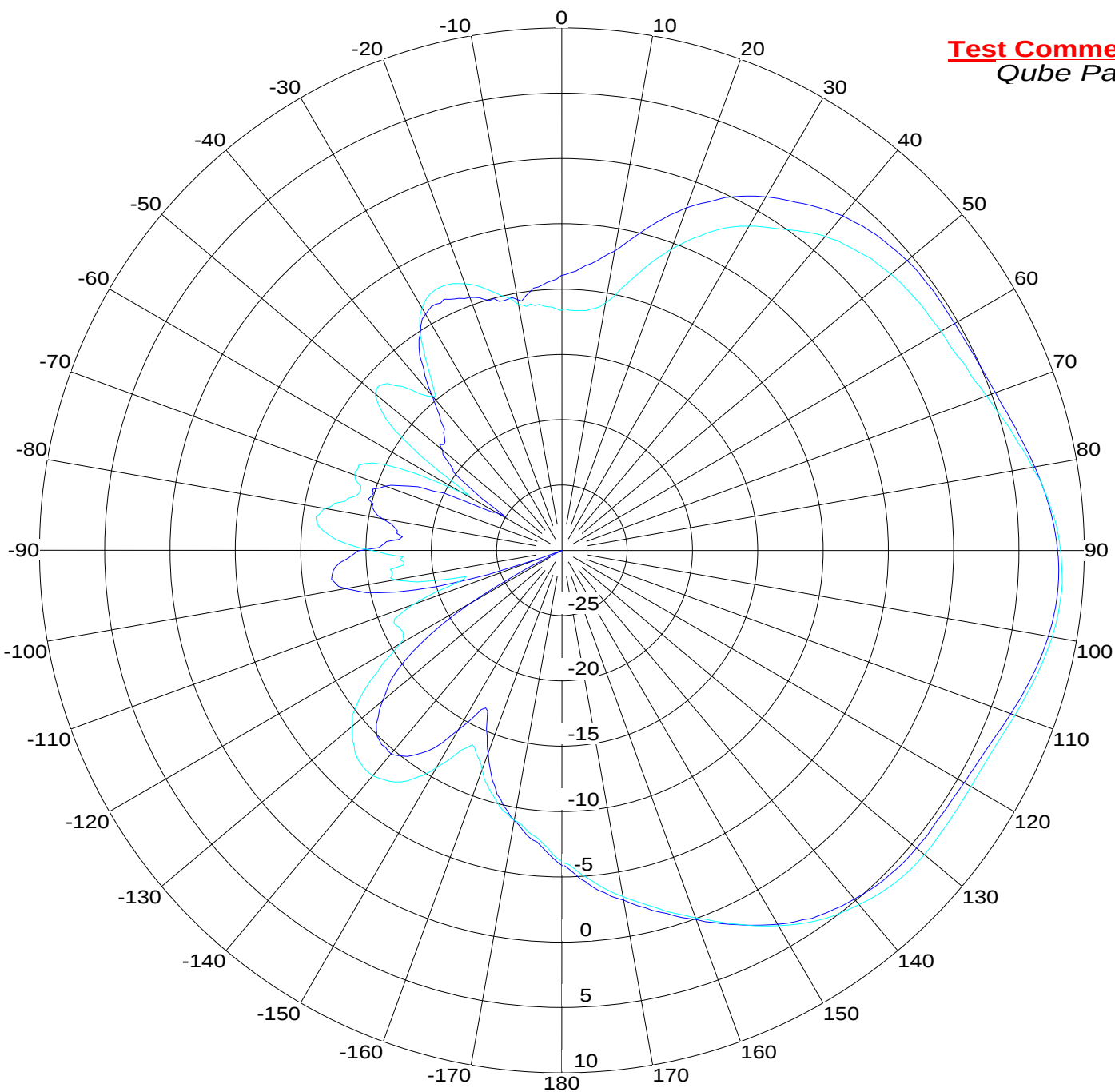
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.280 GHz

Cal. file table channel units

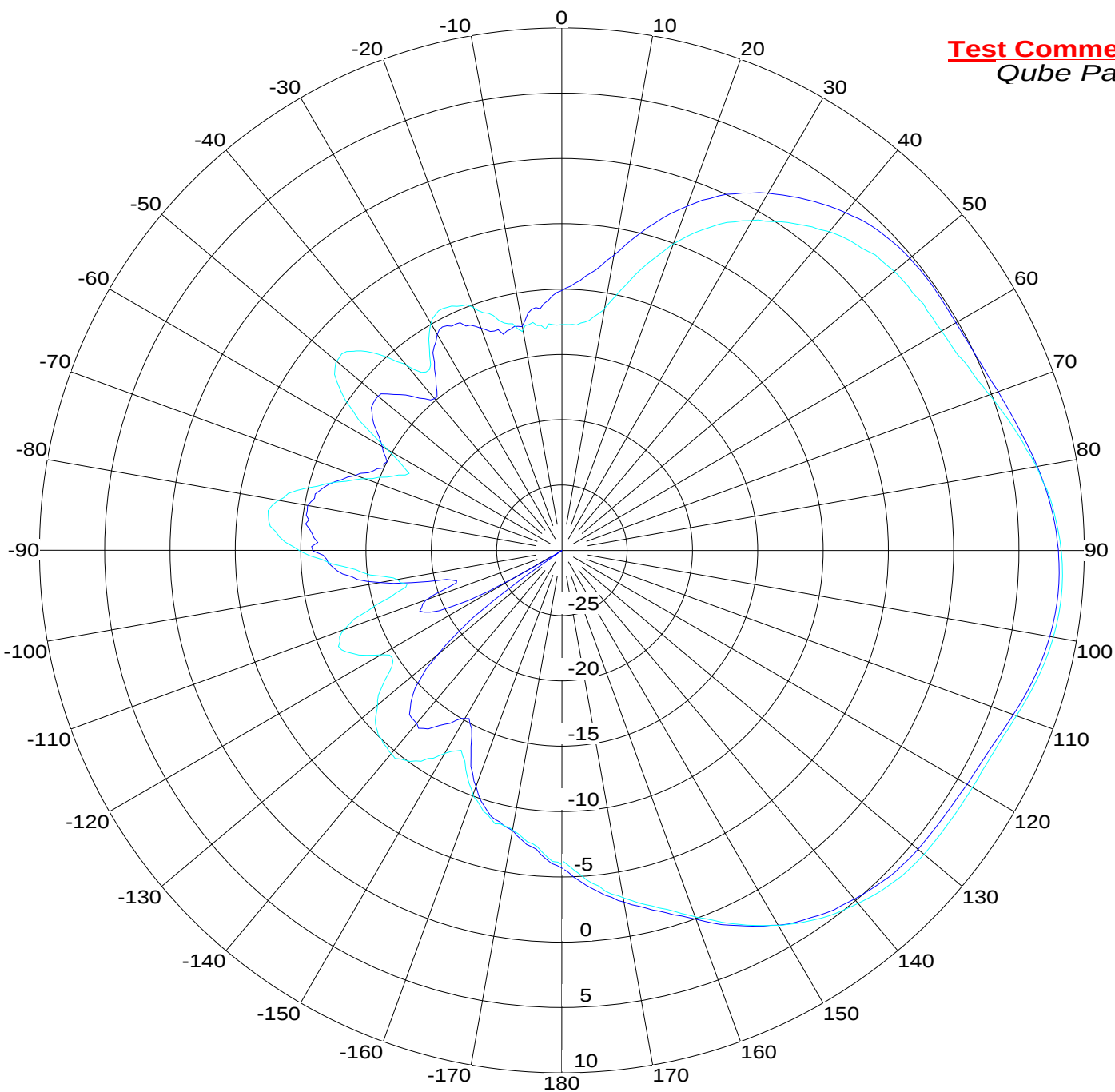
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.285 GHz

Cal. file table channel units

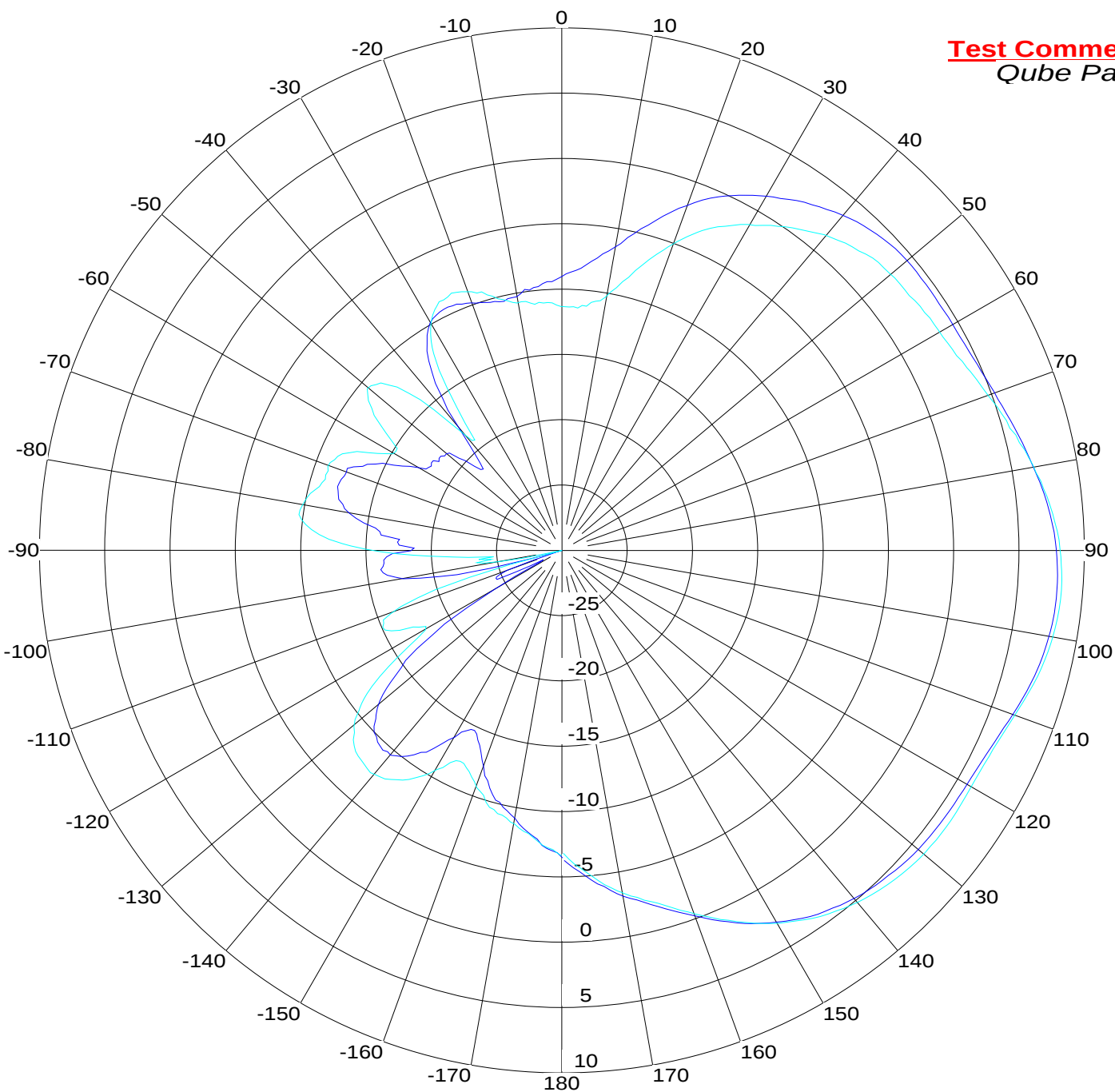
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.290 GHz

Cal. file table channel units

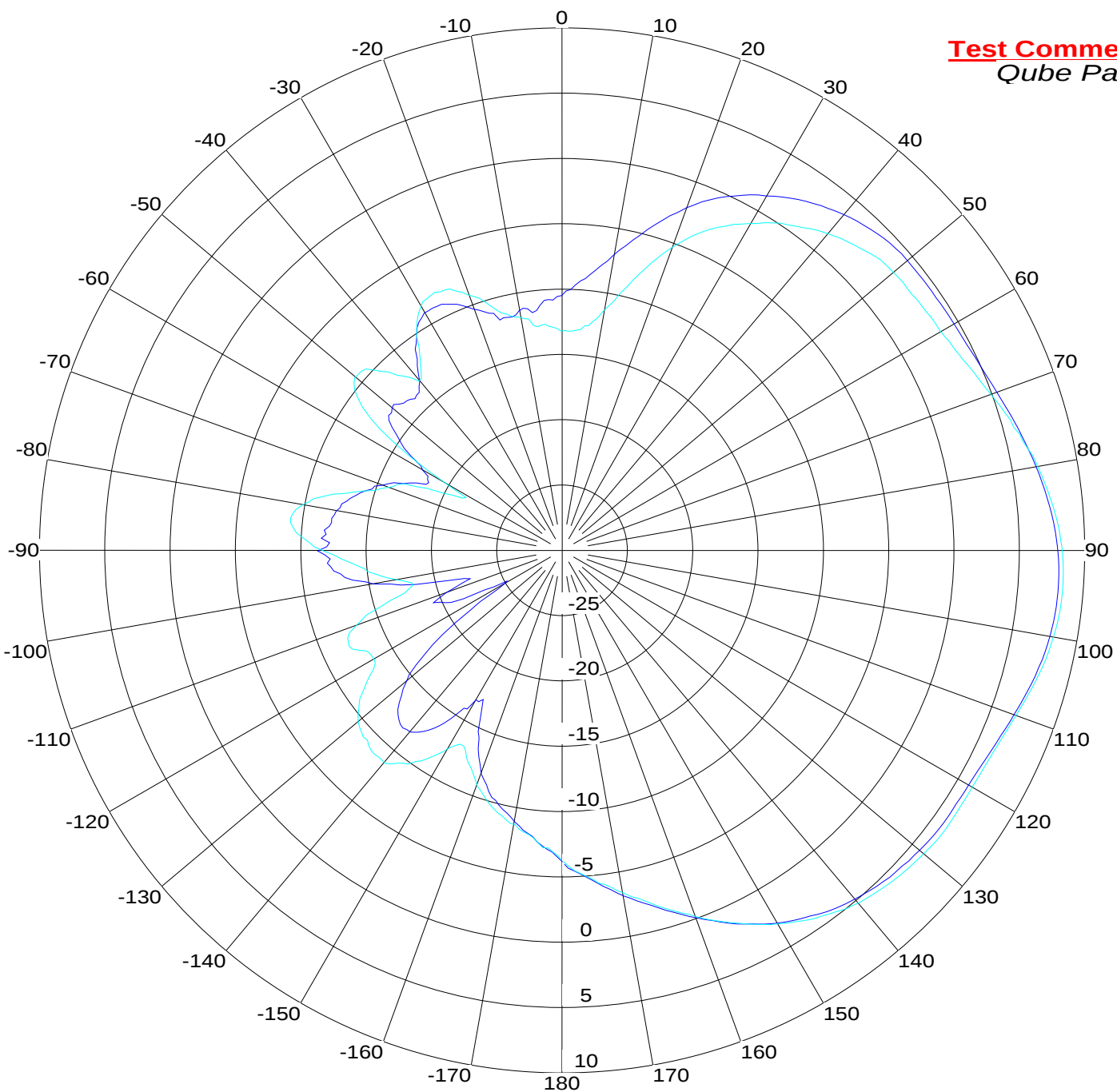
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.295 GHz

Cal. file table channel units

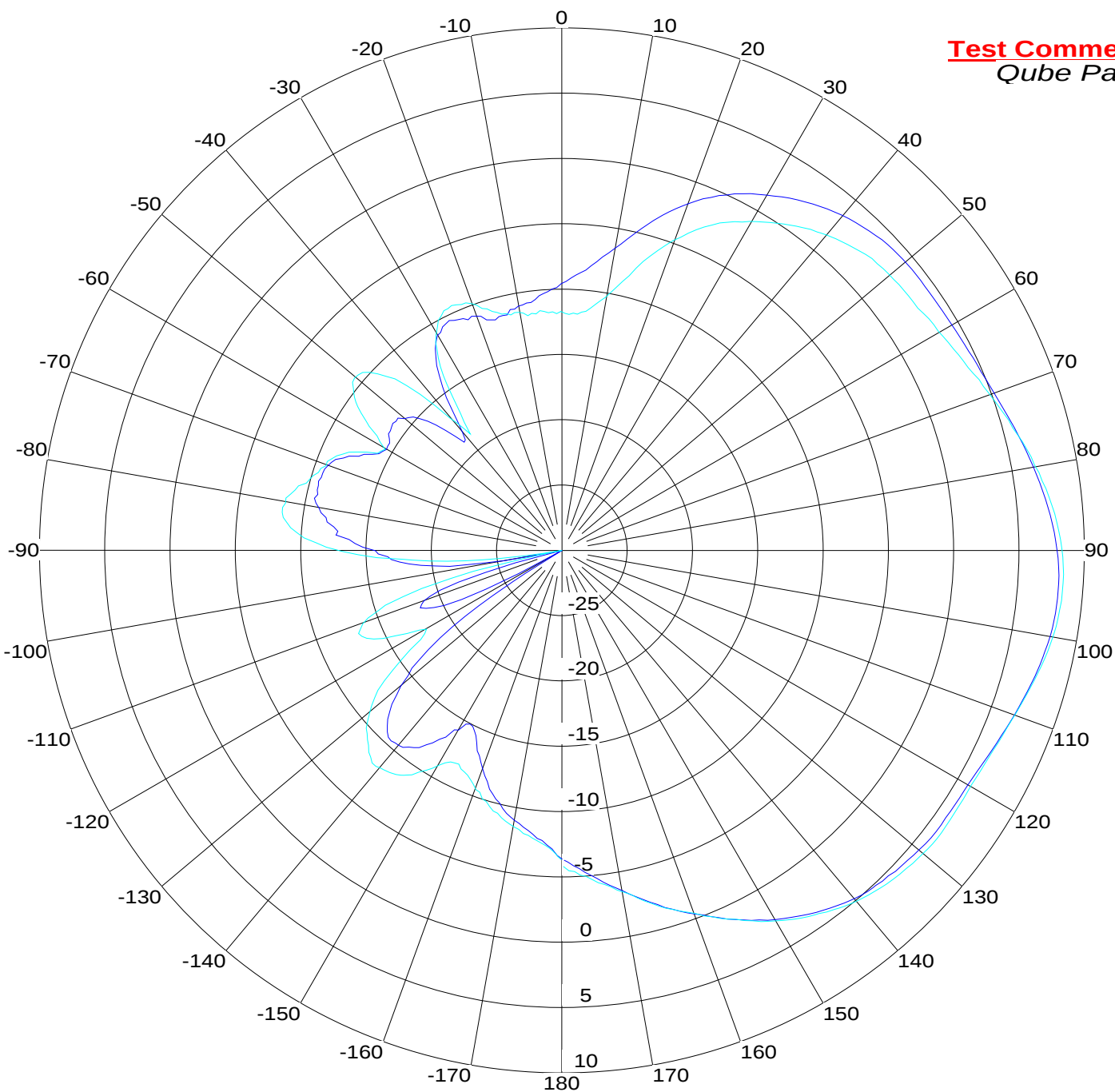
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.300 GHz

Cal. file table channel units

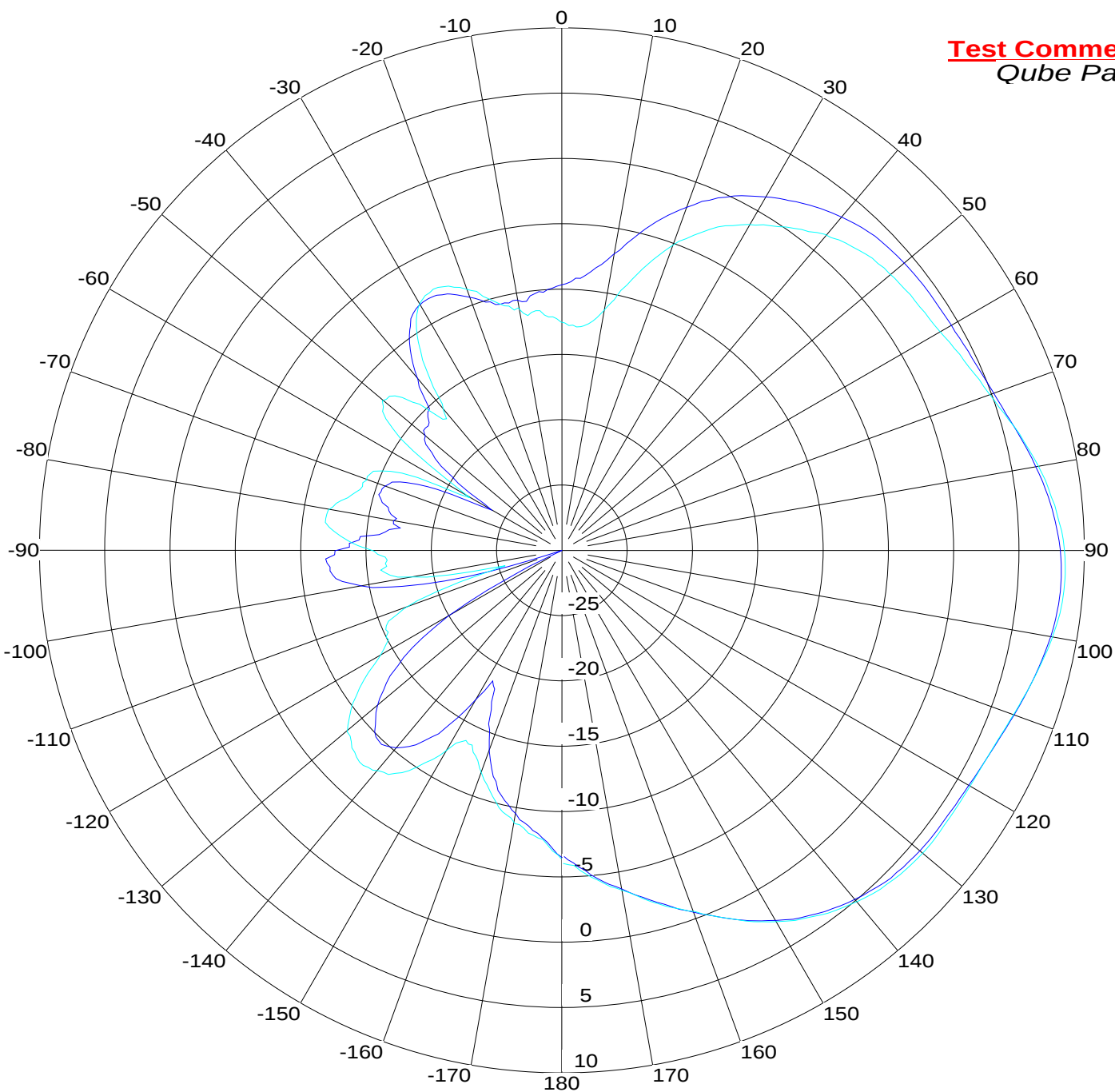
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.305 GHz

Cal. file table channel units

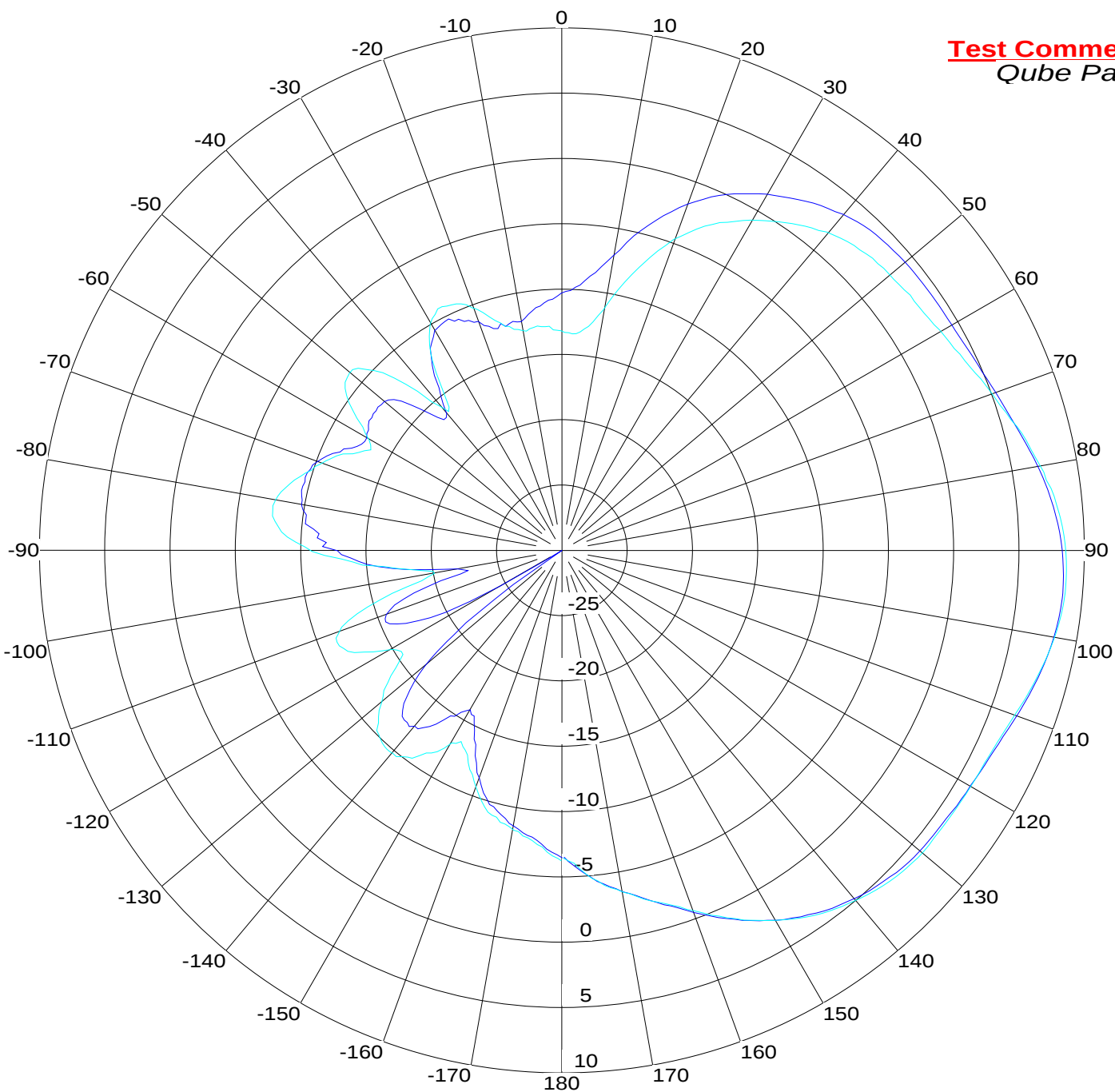
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E

QubePatch2_E



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.310 GHz

Cal. file table channel units

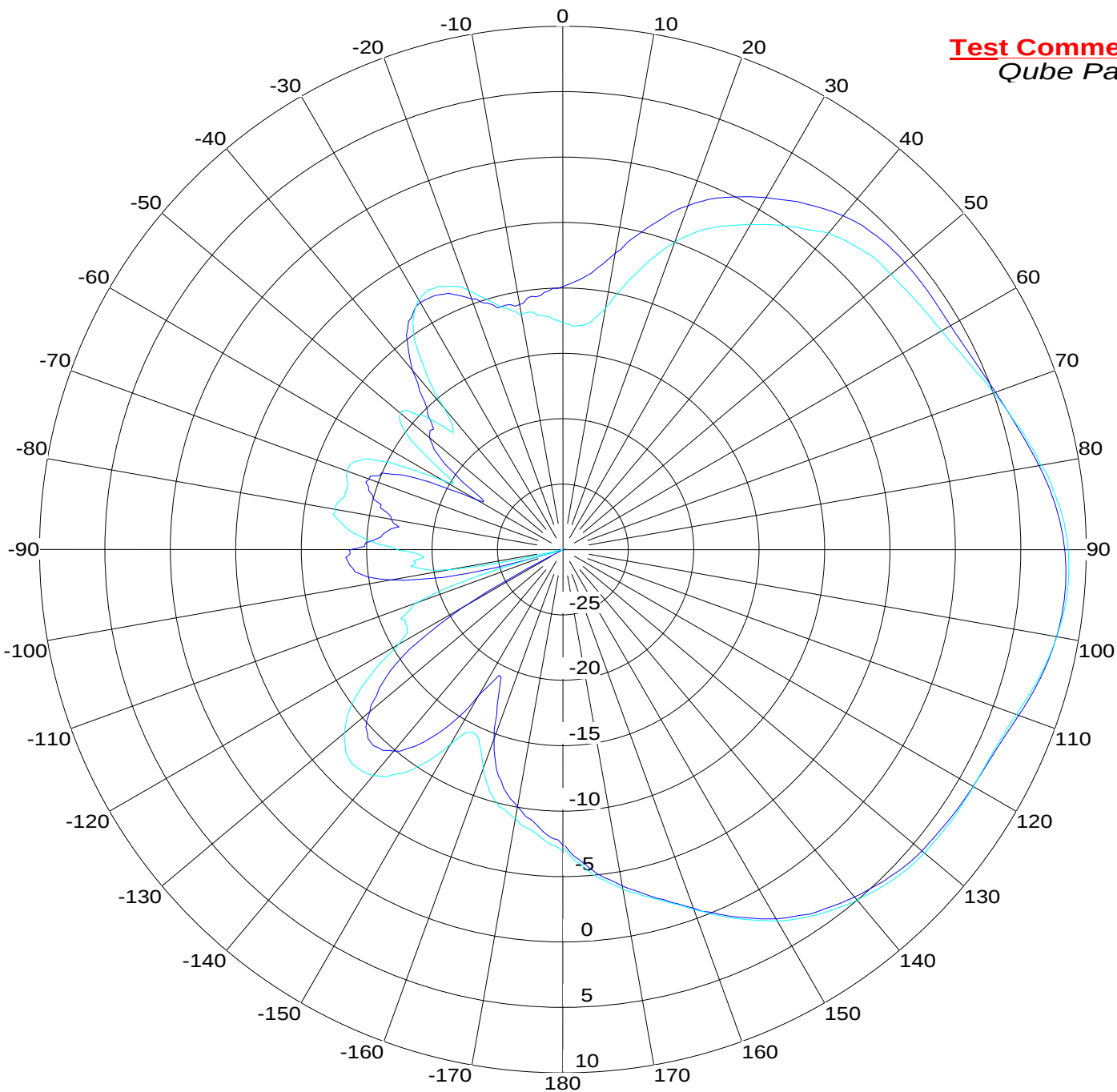
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.315 GHz

Cal. file table channel units

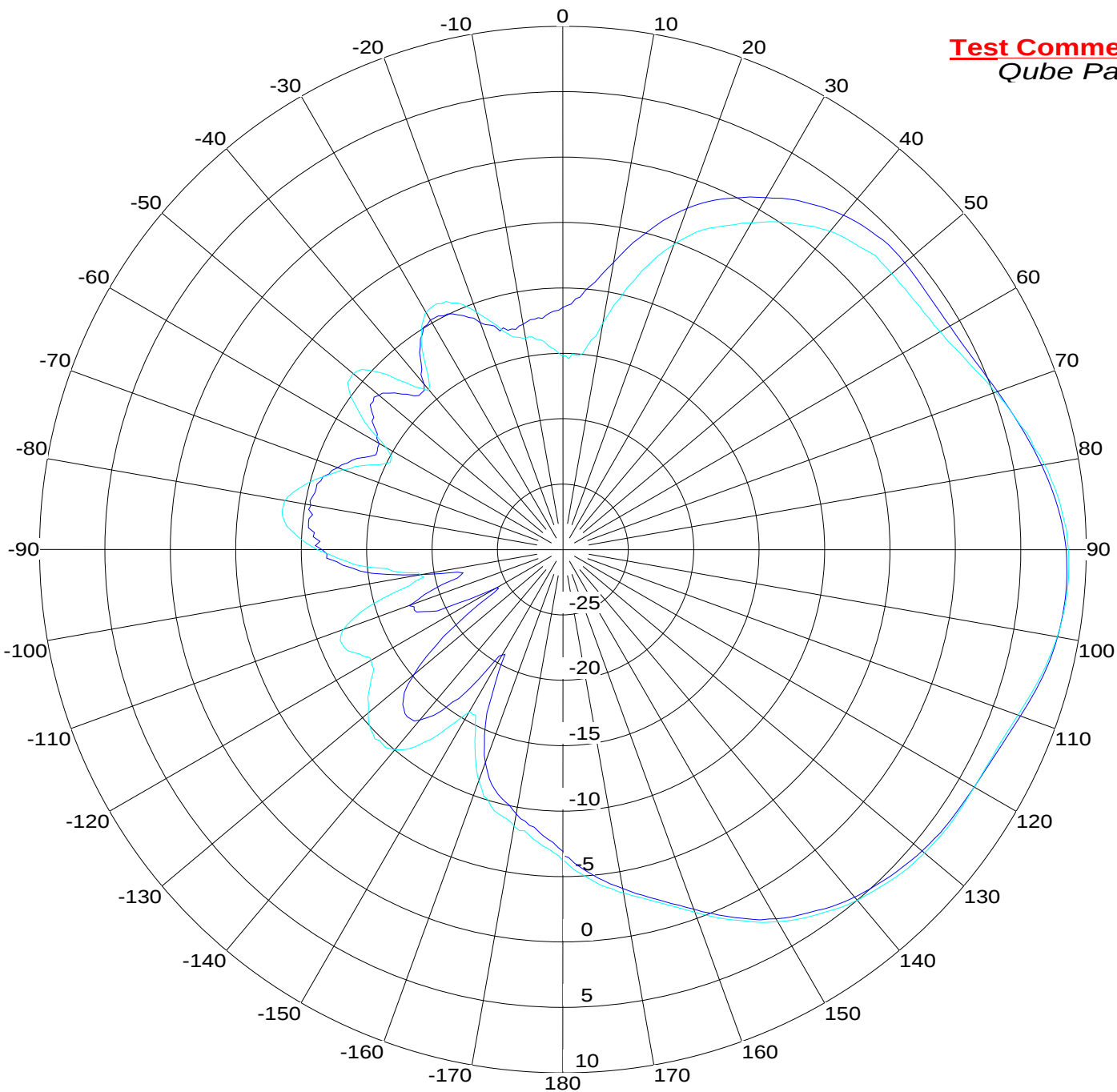
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.320 GHz

Cal. file table channel units

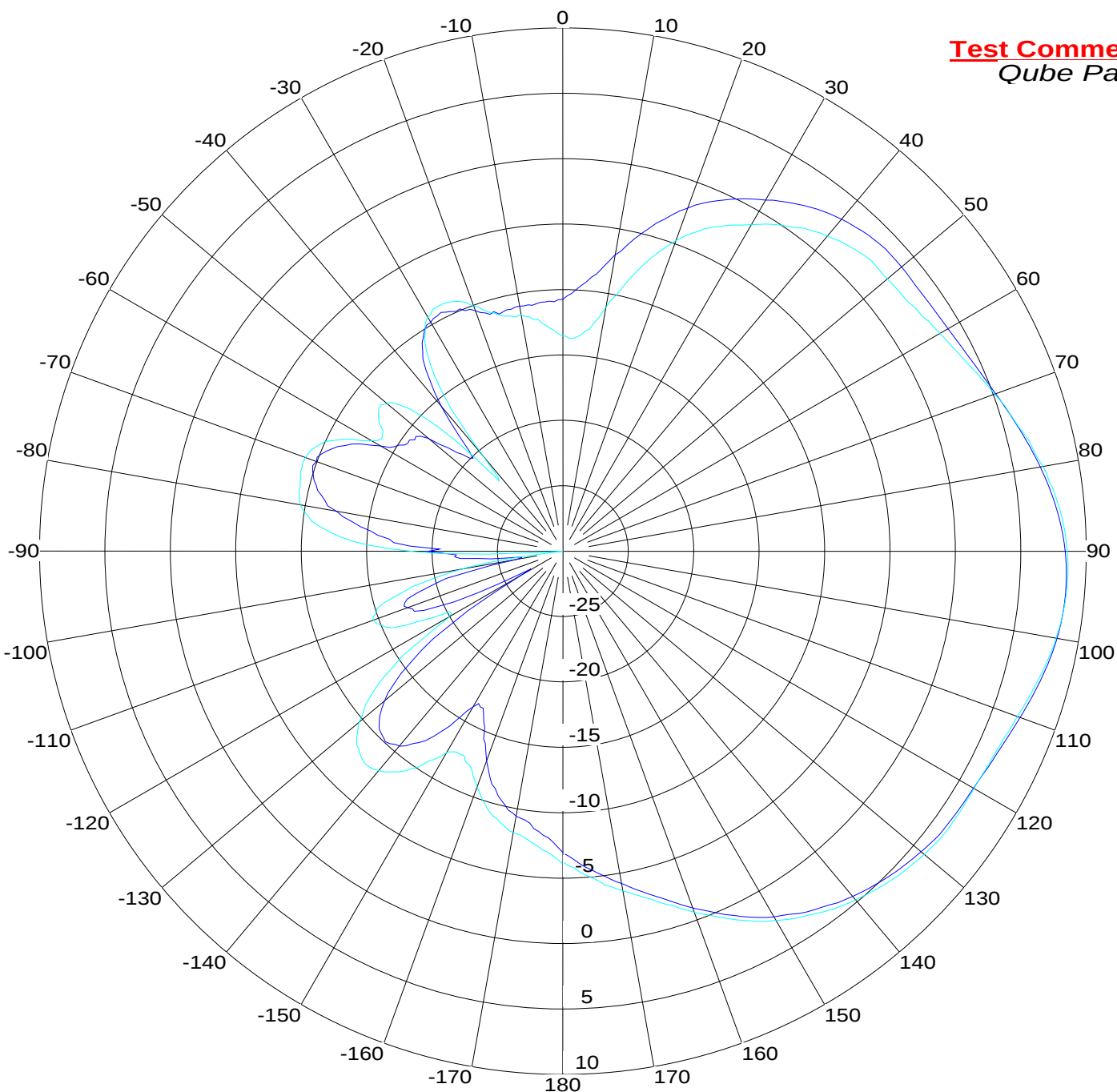
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.325 GHz

Cal. file table channel units

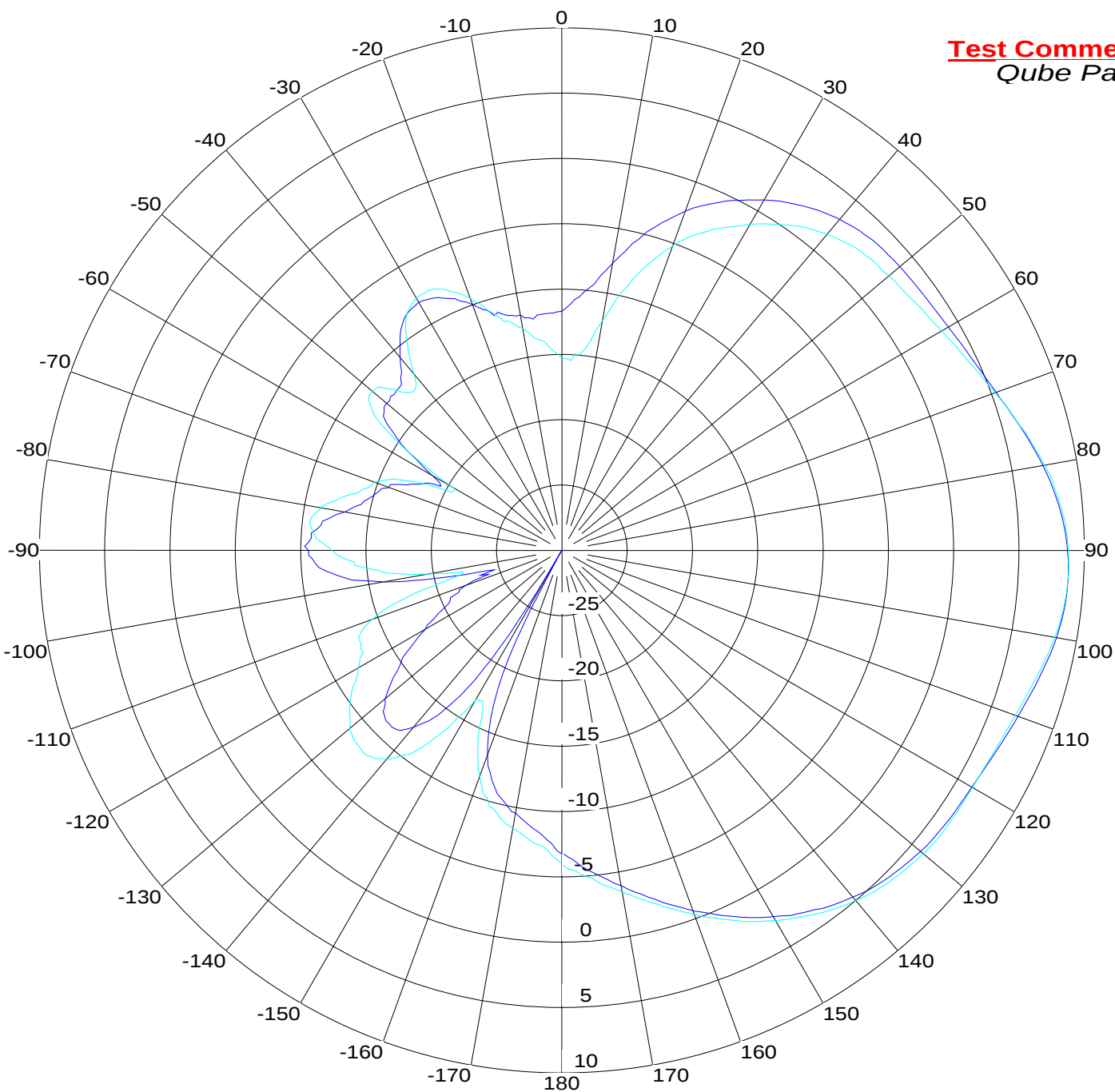
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.330 GHz

Cal. file table channel units

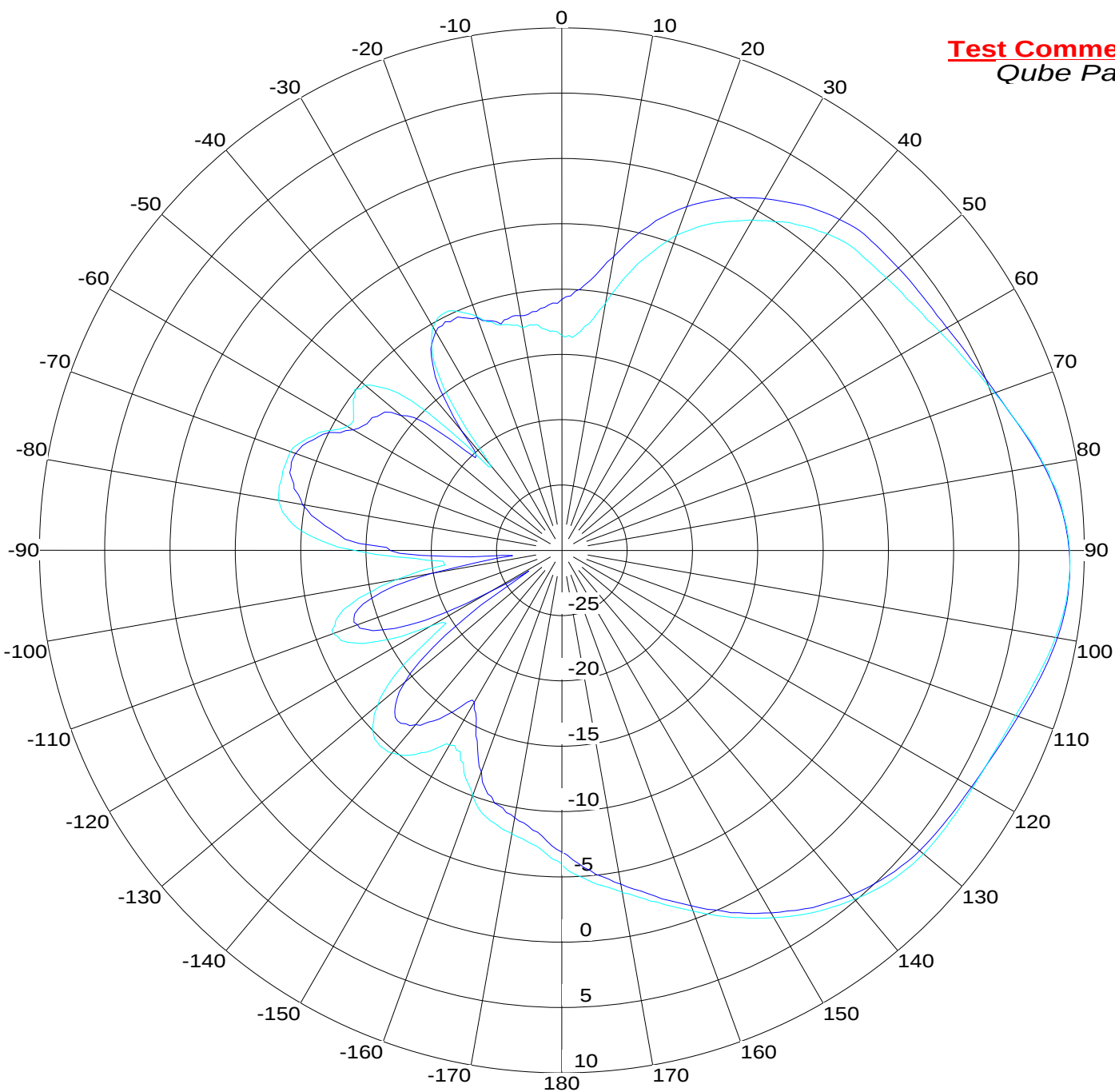
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.335 GHz

Cal. file table channel units

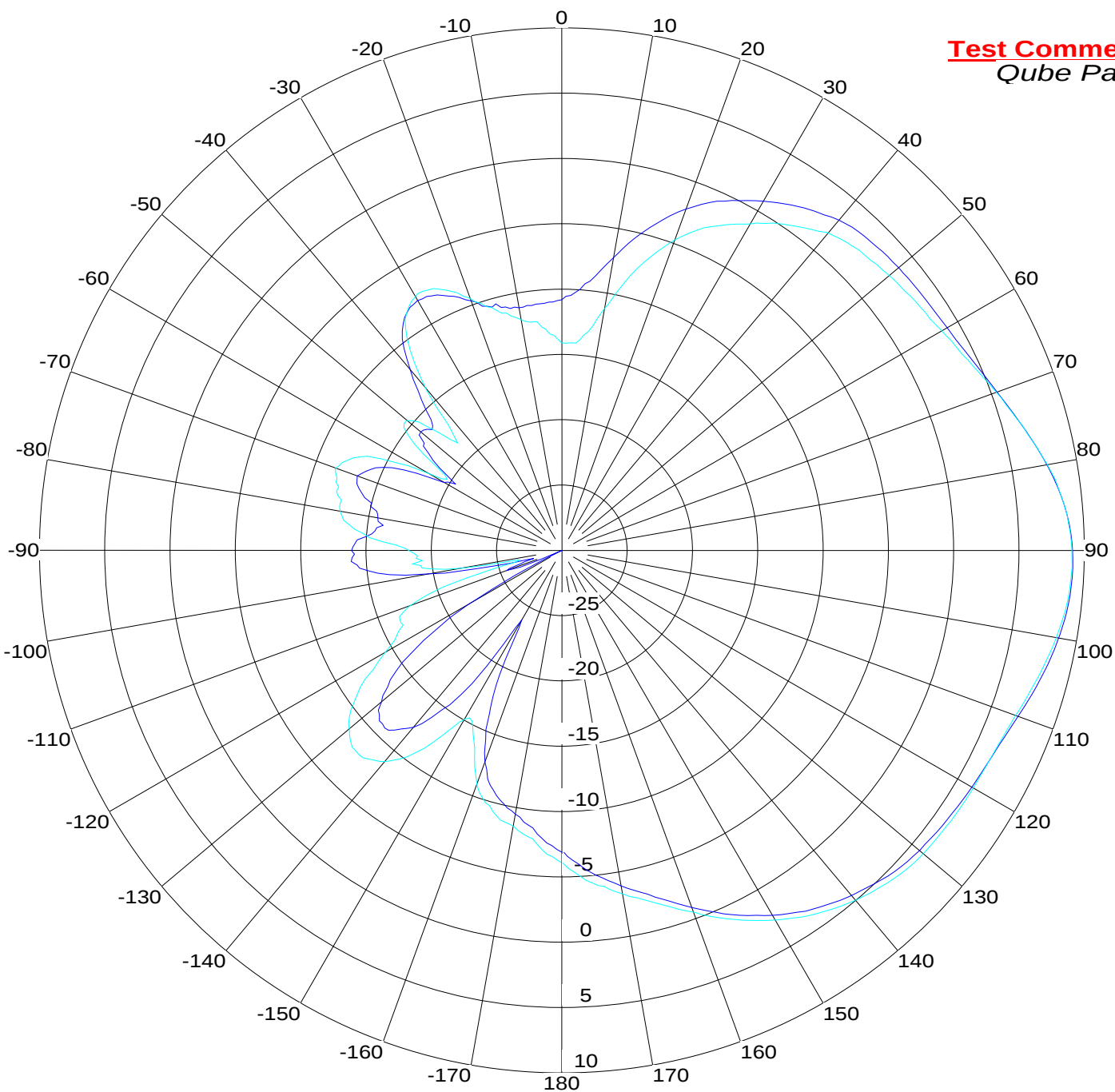
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.340 GHz

Cal. file table channel units

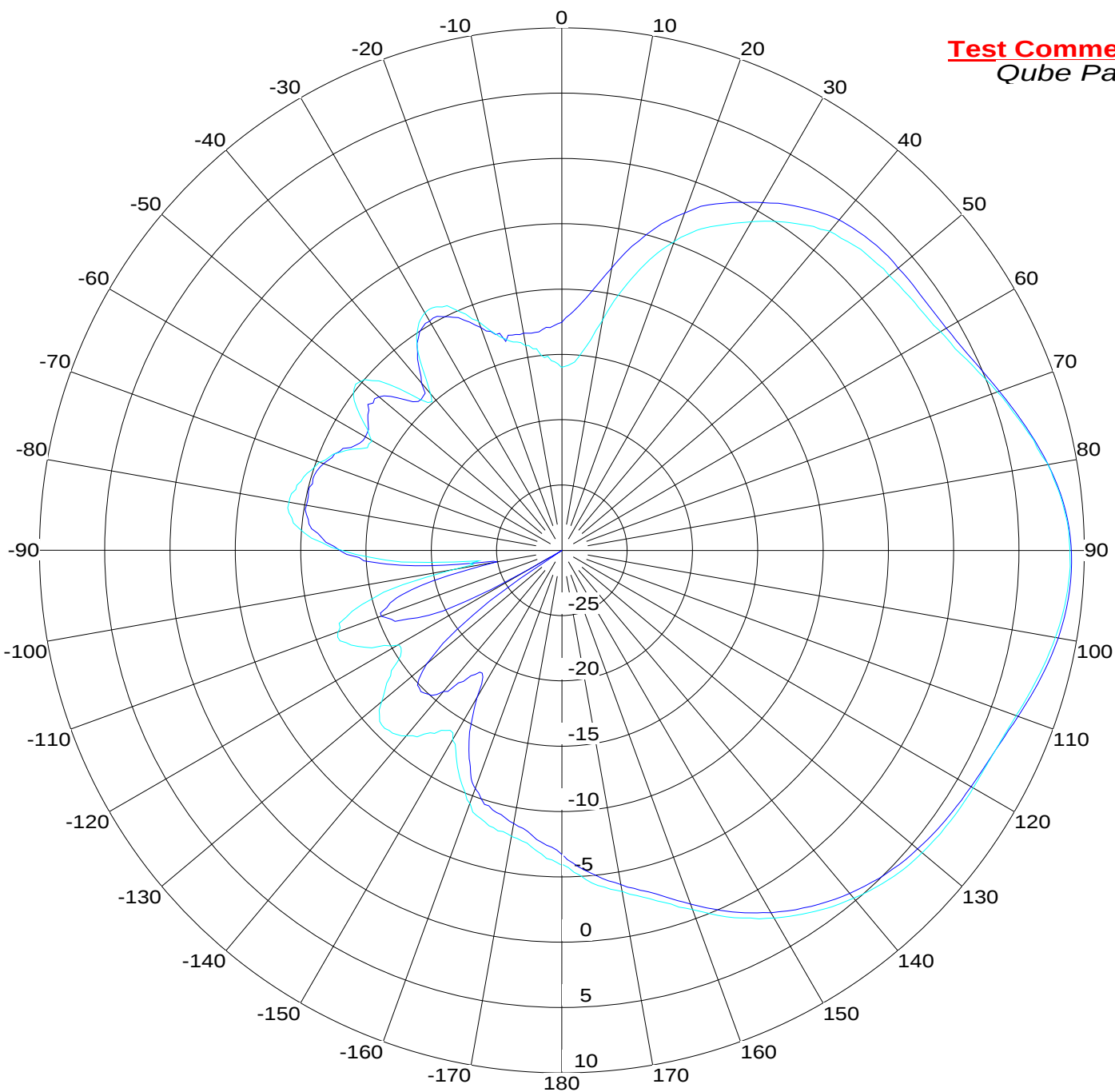
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.345 GHz

Cal. file table channel units

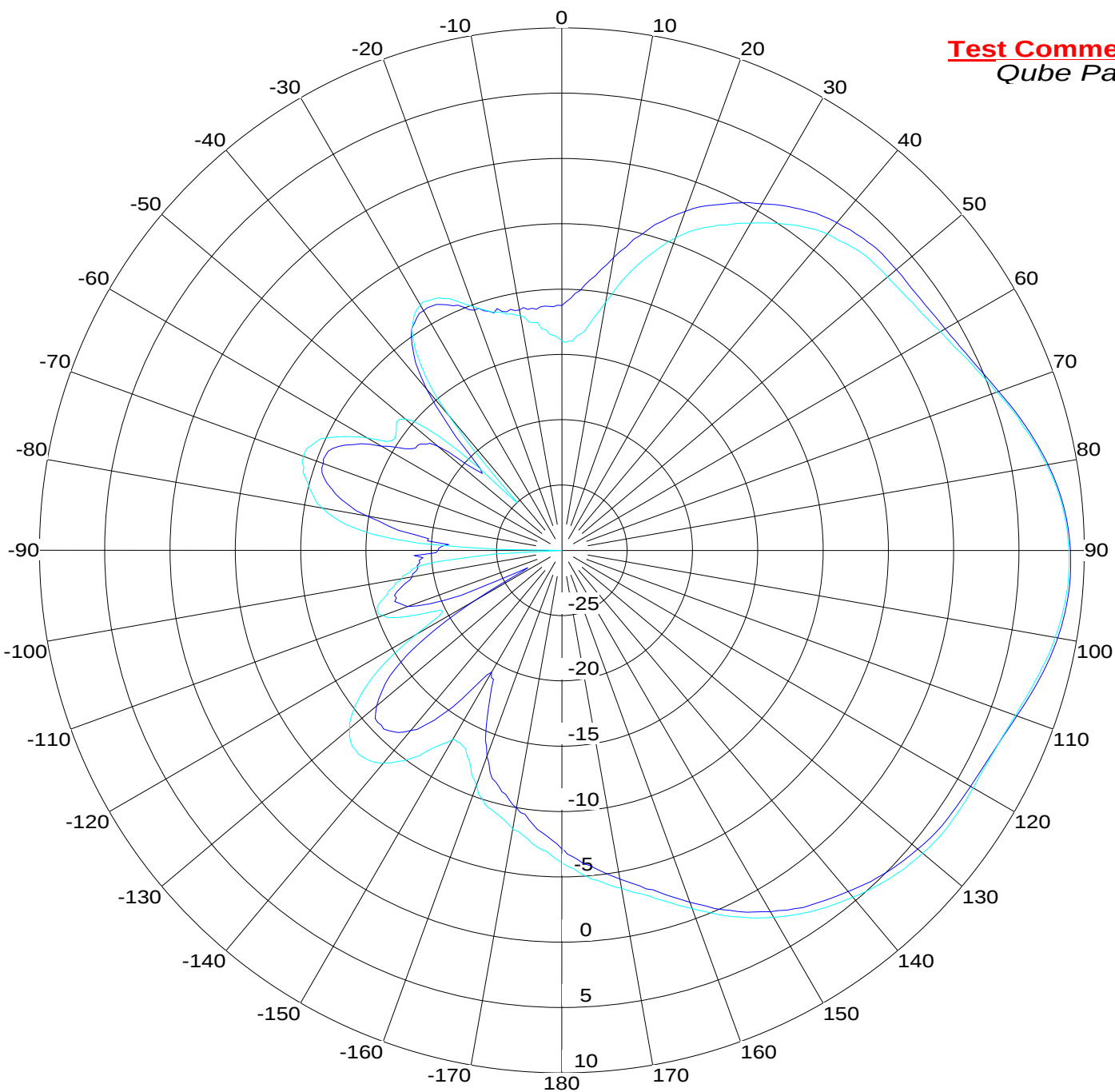
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.350 GHz

Cal. file table channel units

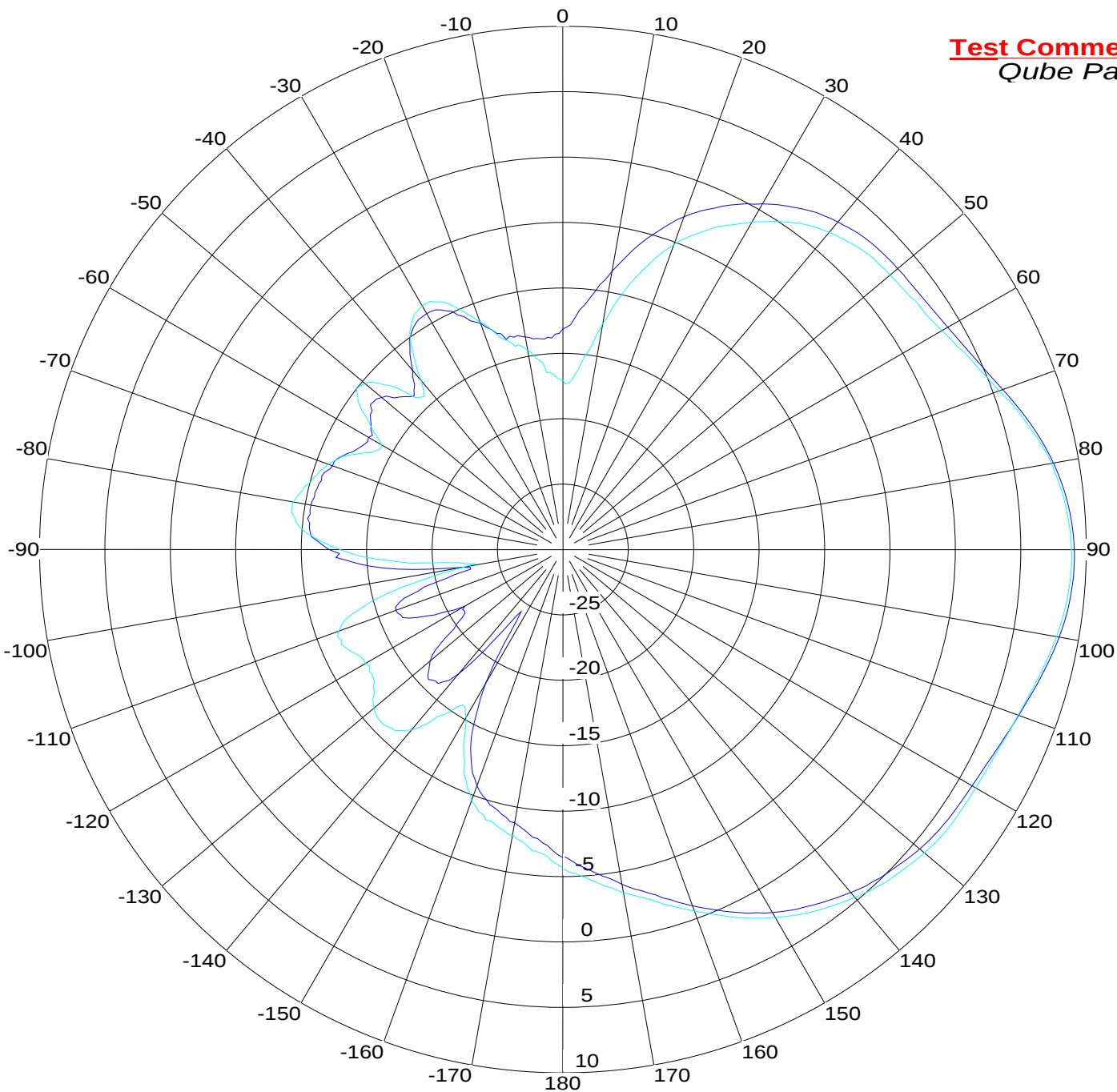
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.355 GHz

Cal. file table channel units

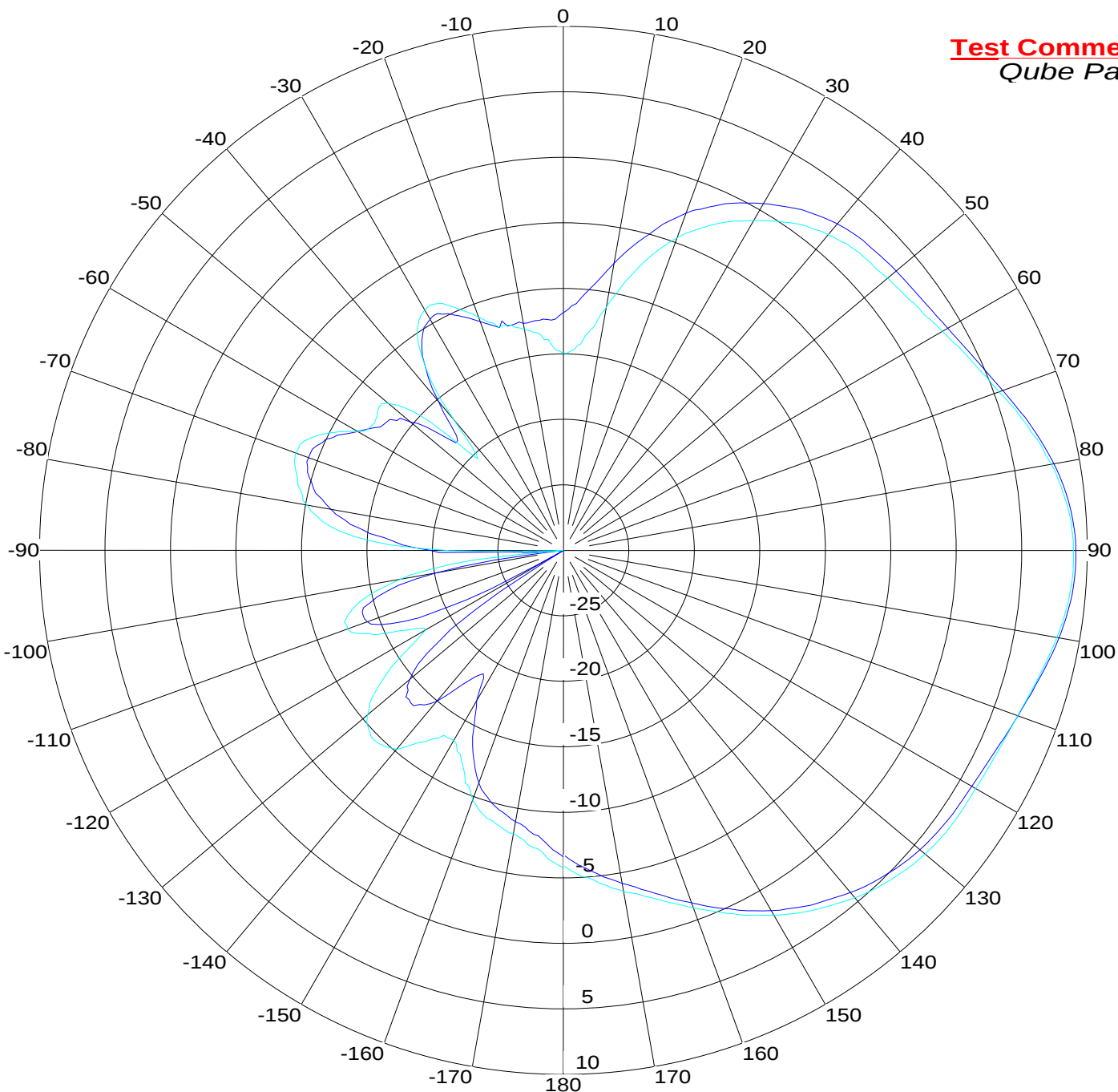
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.360 GHz

Cal. file table channel units

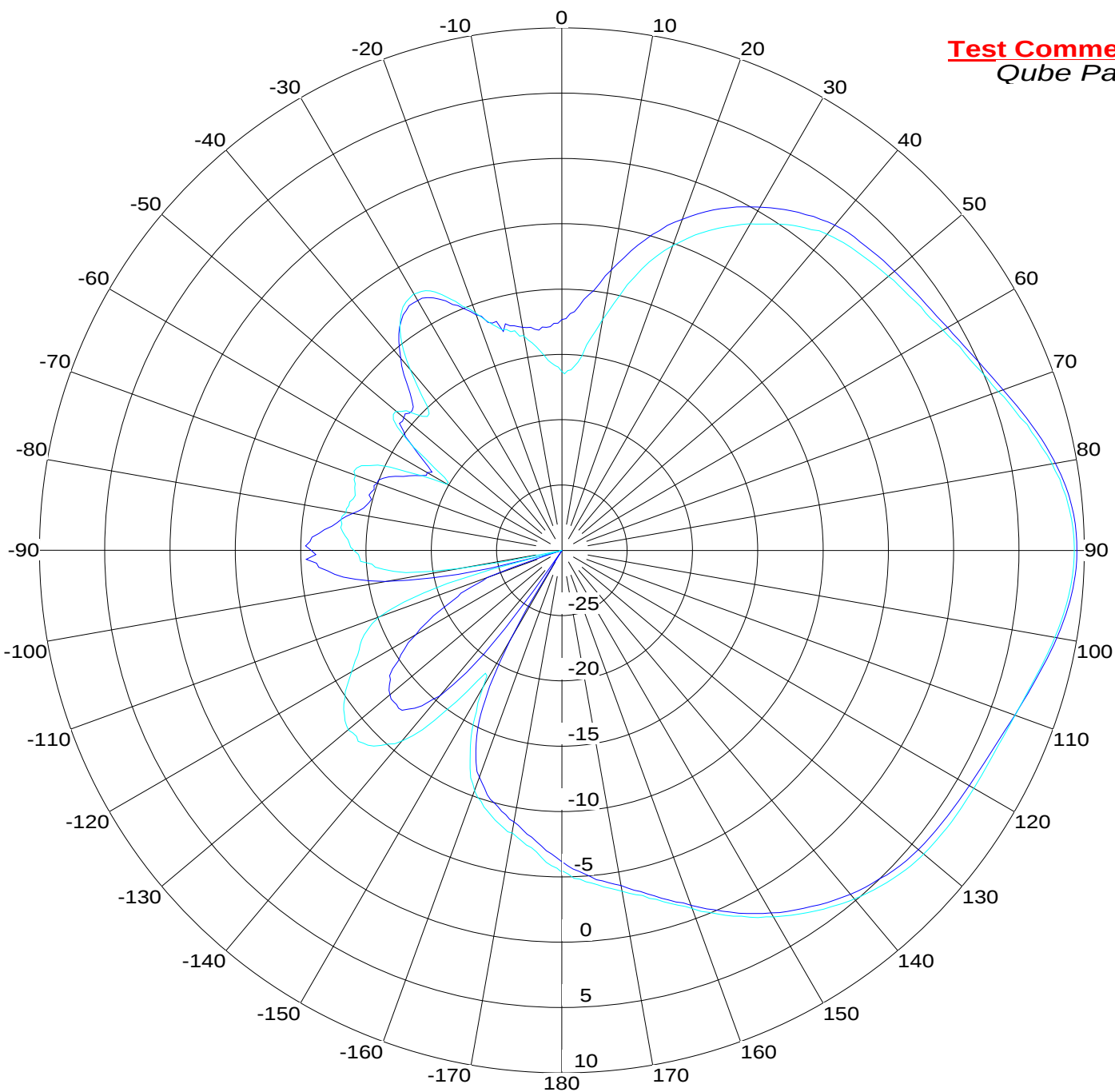
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.365 GHz

Cal. file table channel units

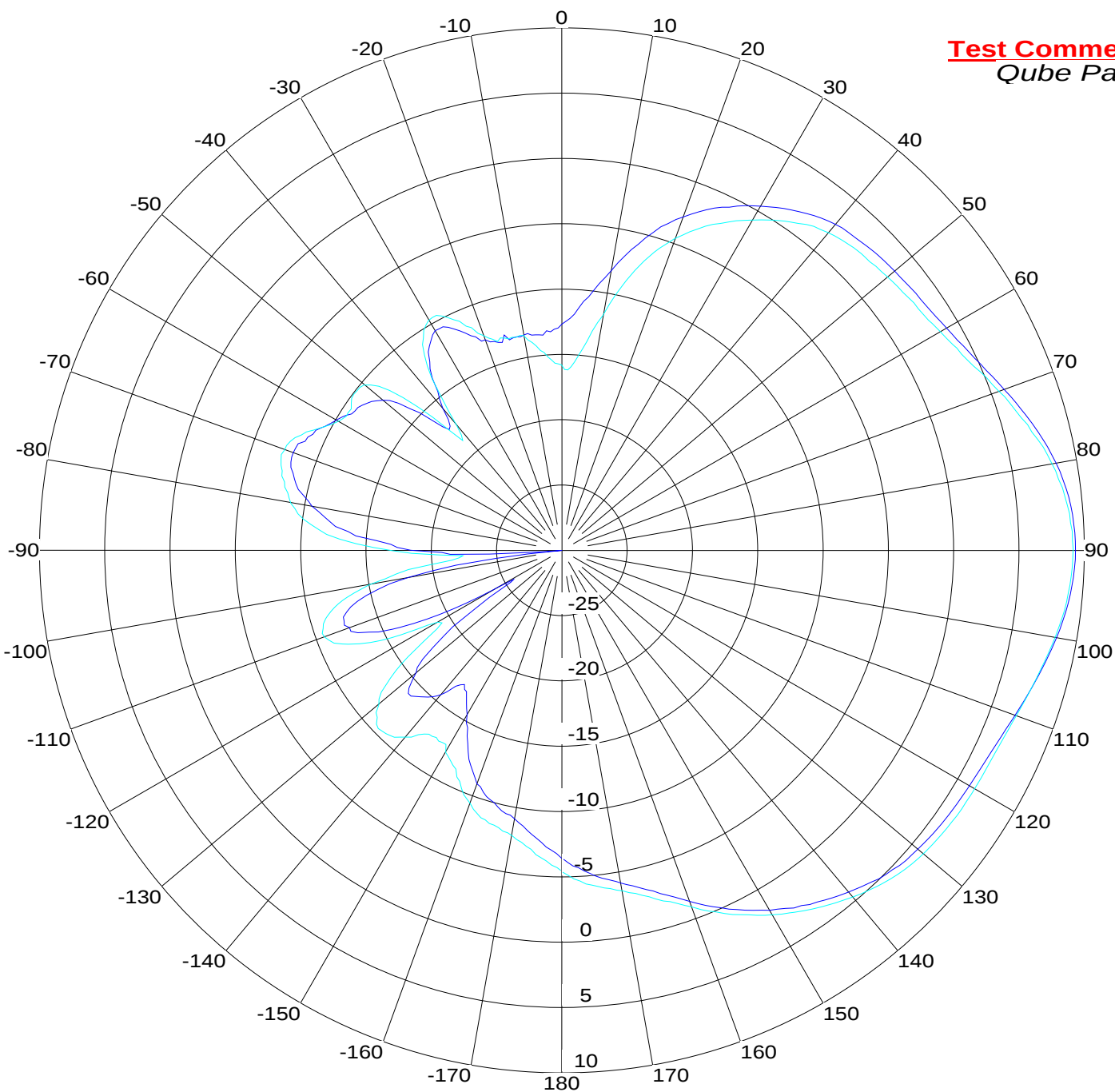
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.370 GHz

Cal. file table channel units

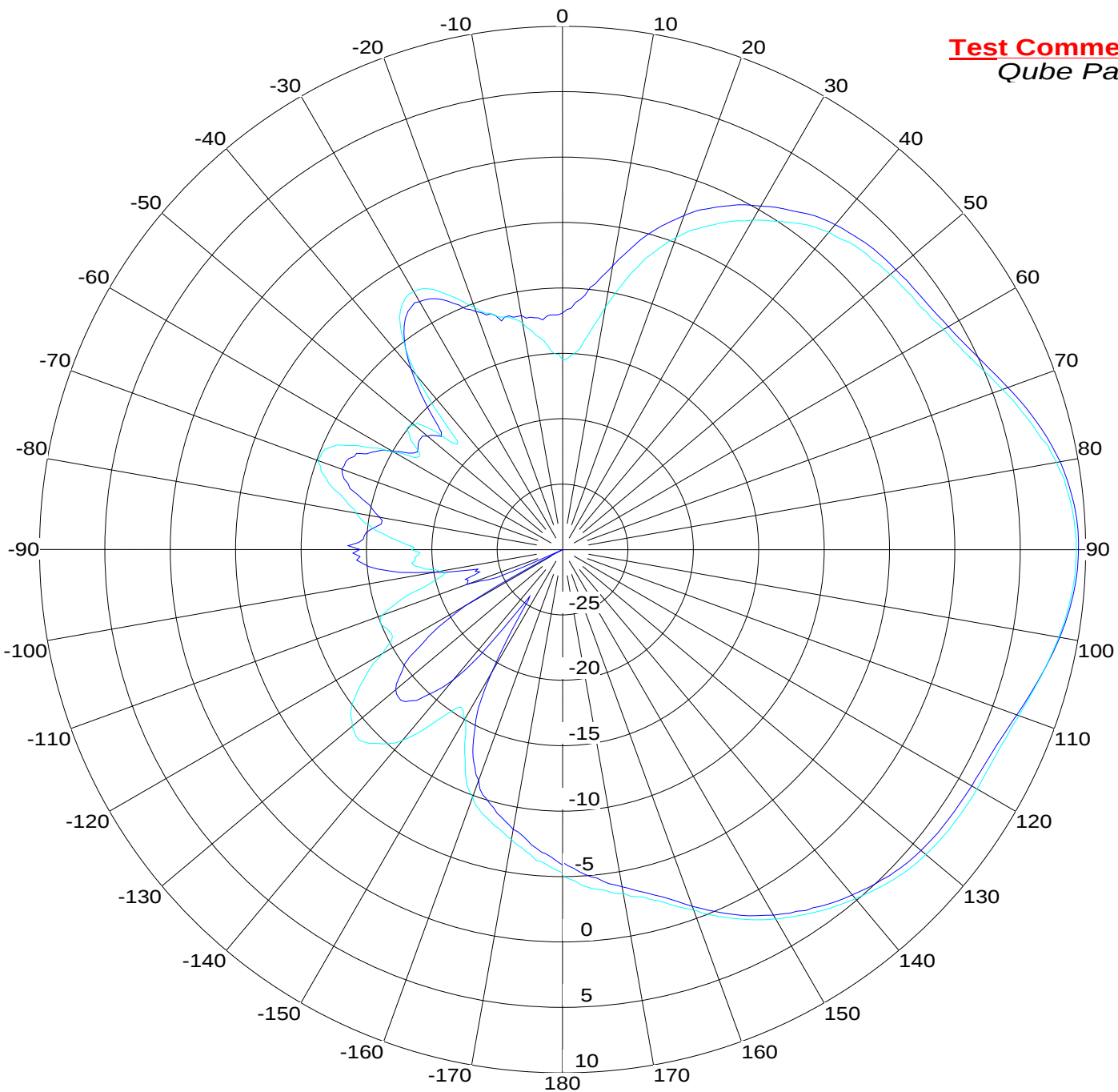
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.375 GHz

Cal. file table channel units

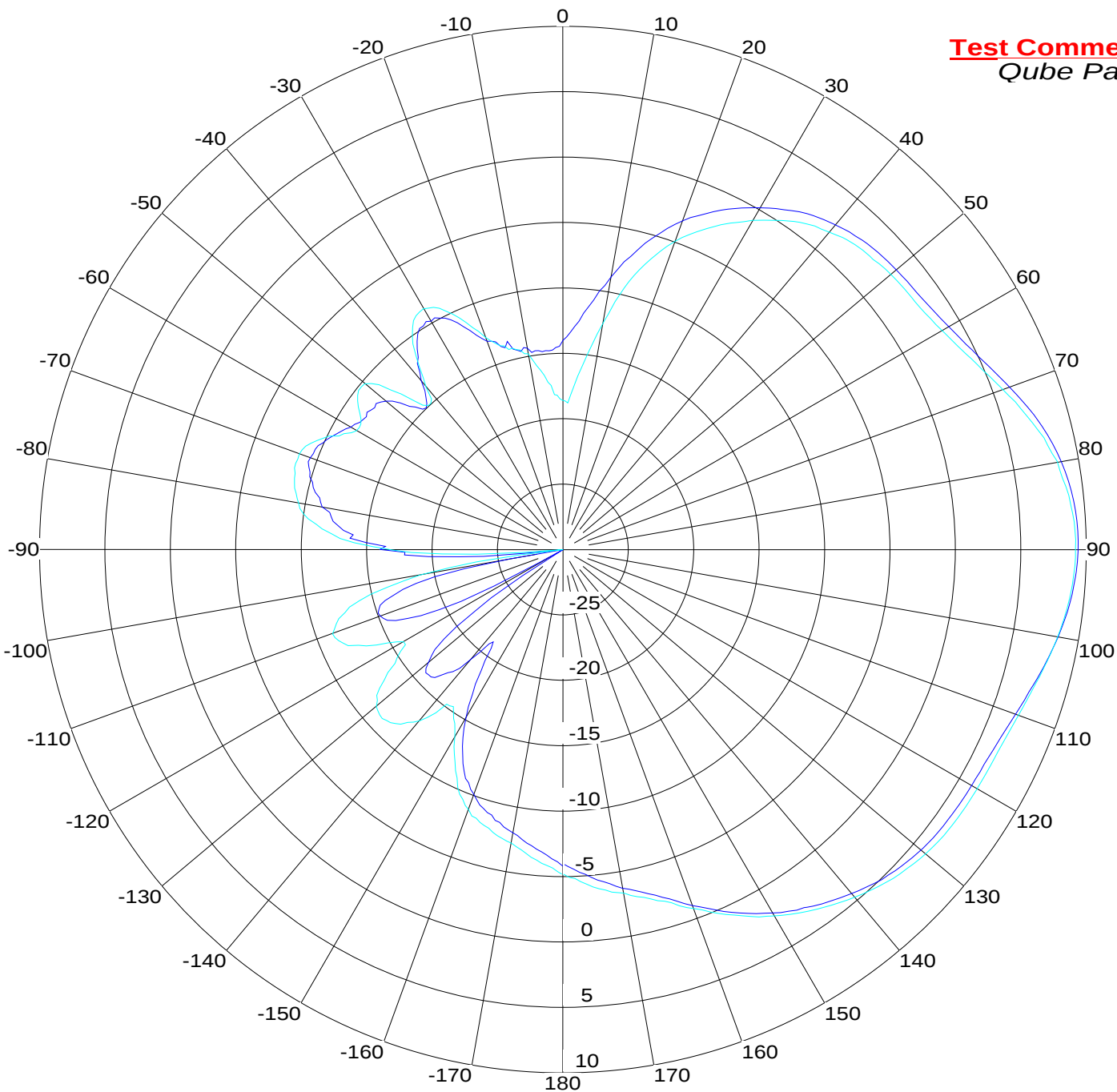
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.380 GHz

Cal. file table channel units

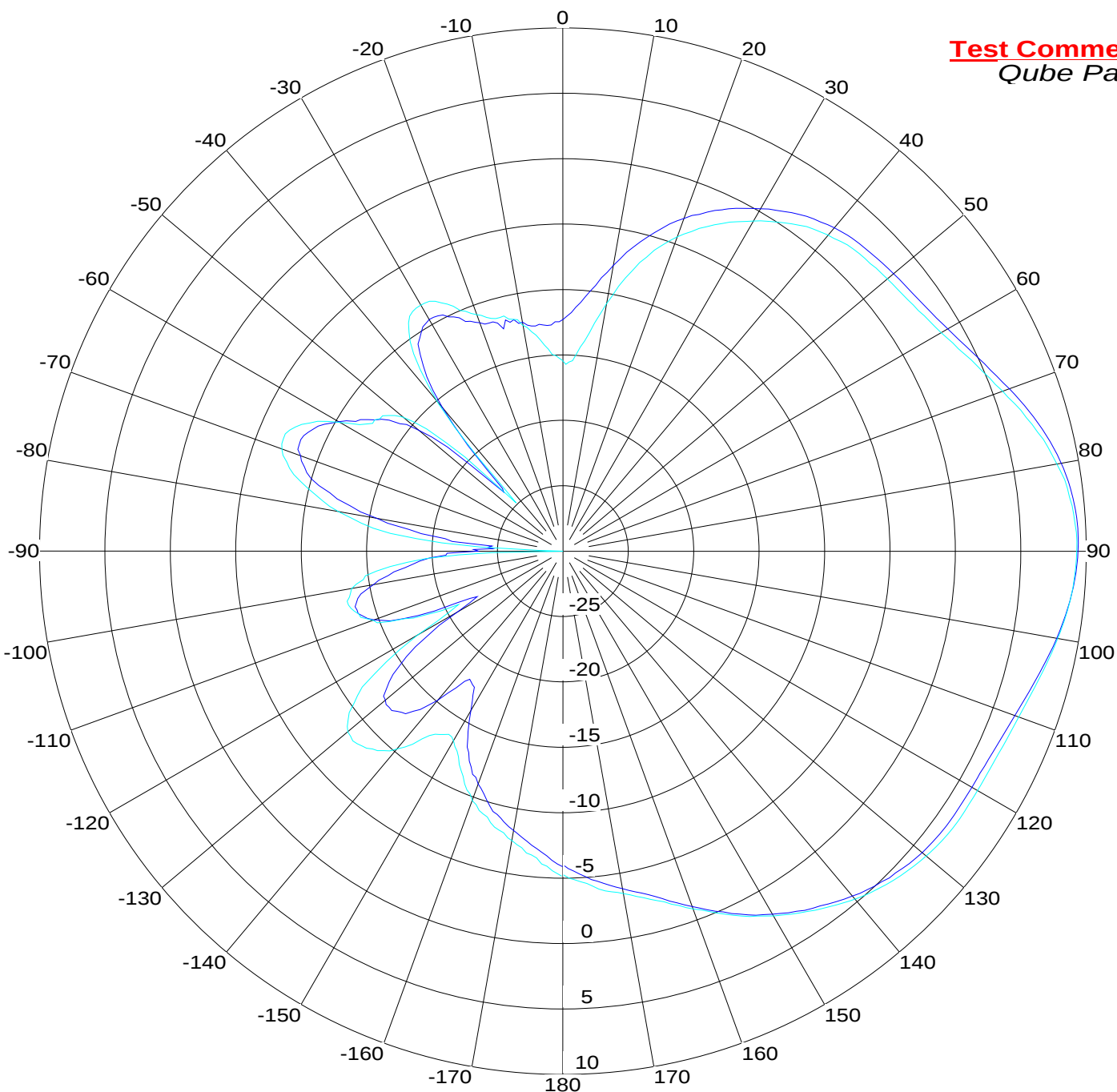
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.385 GHz

Cal. file table channel units

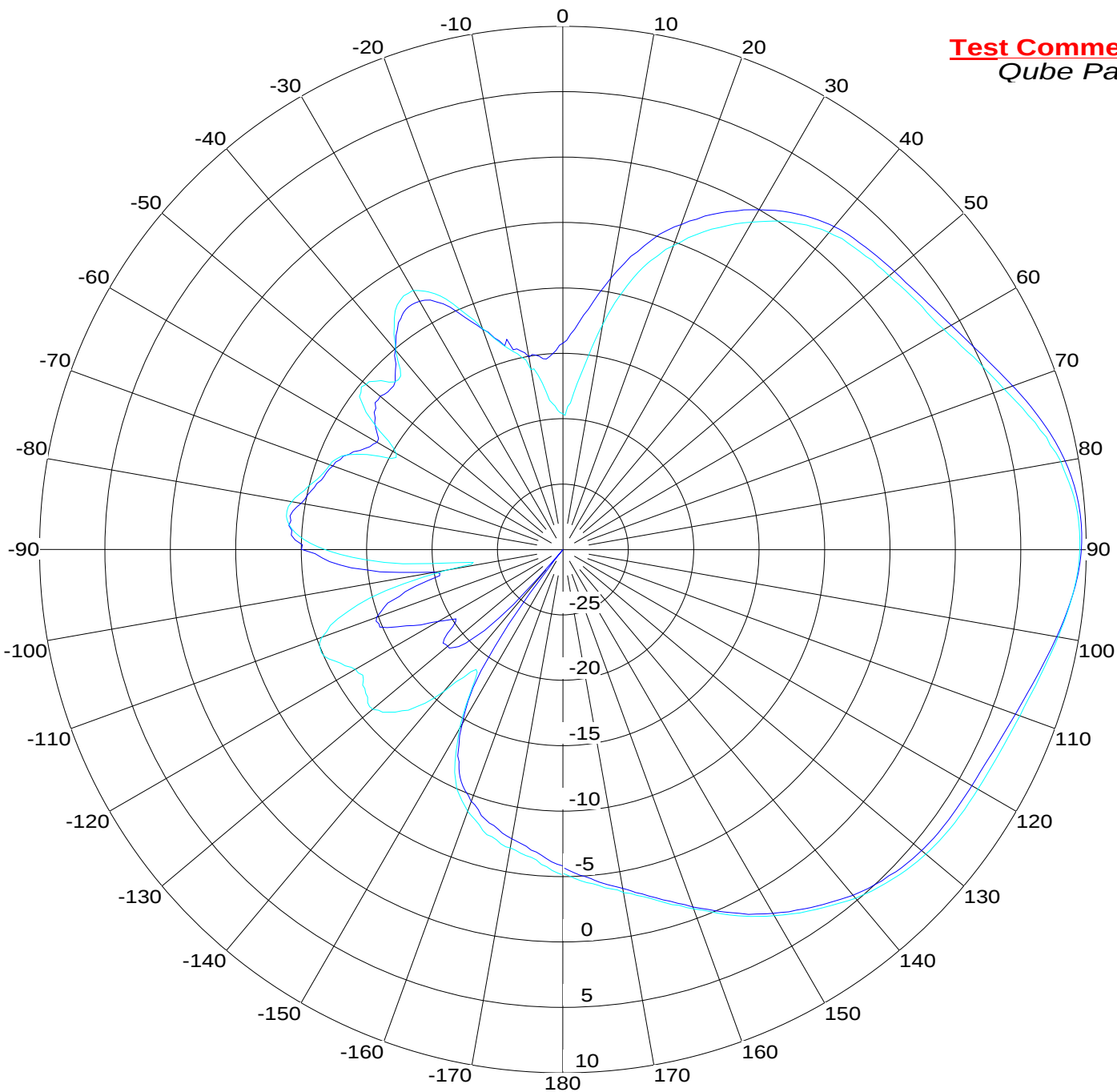
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.390 GHz

Cal. file table channel units

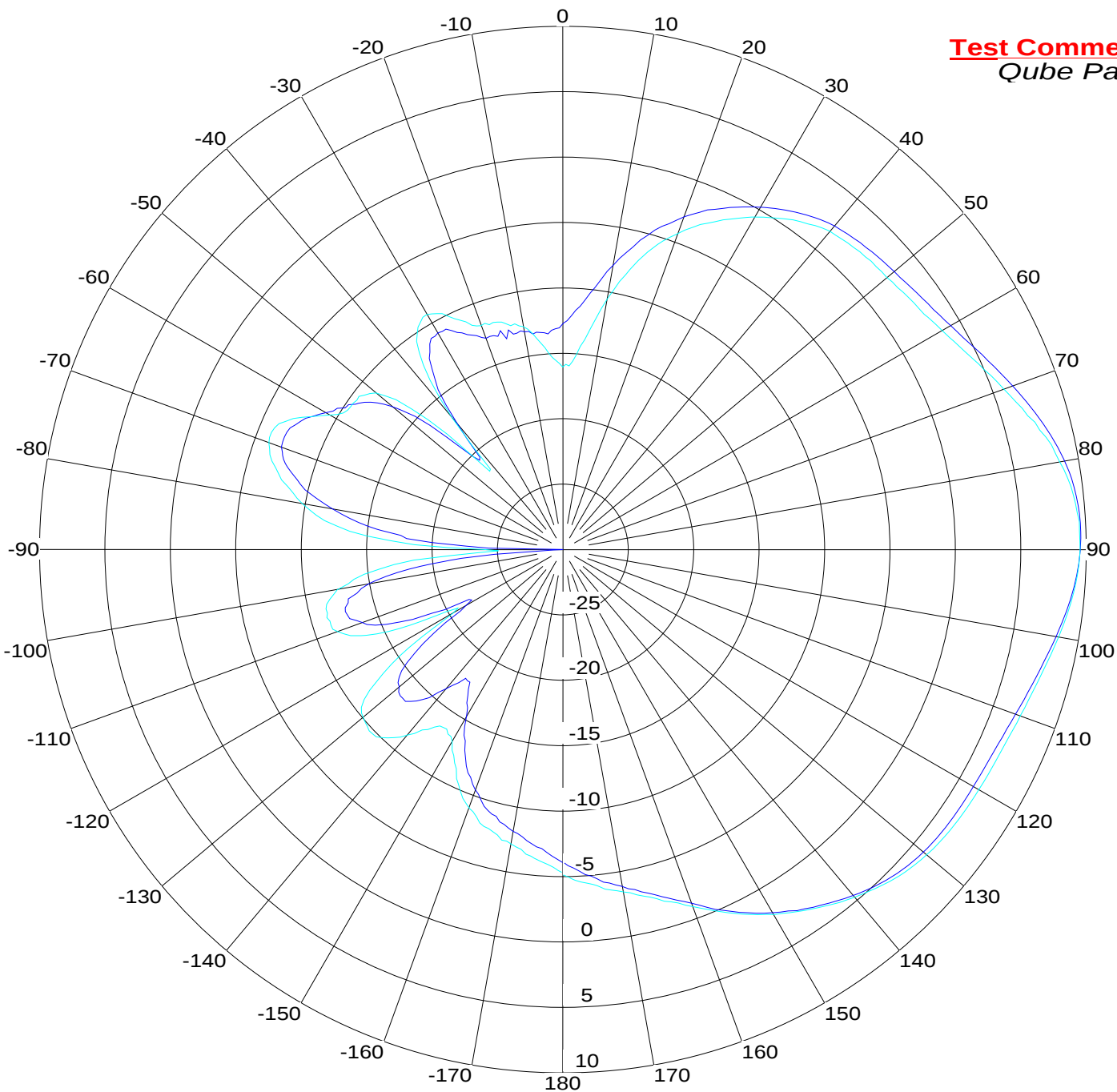
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.395 GHz

Cal. file table channel units

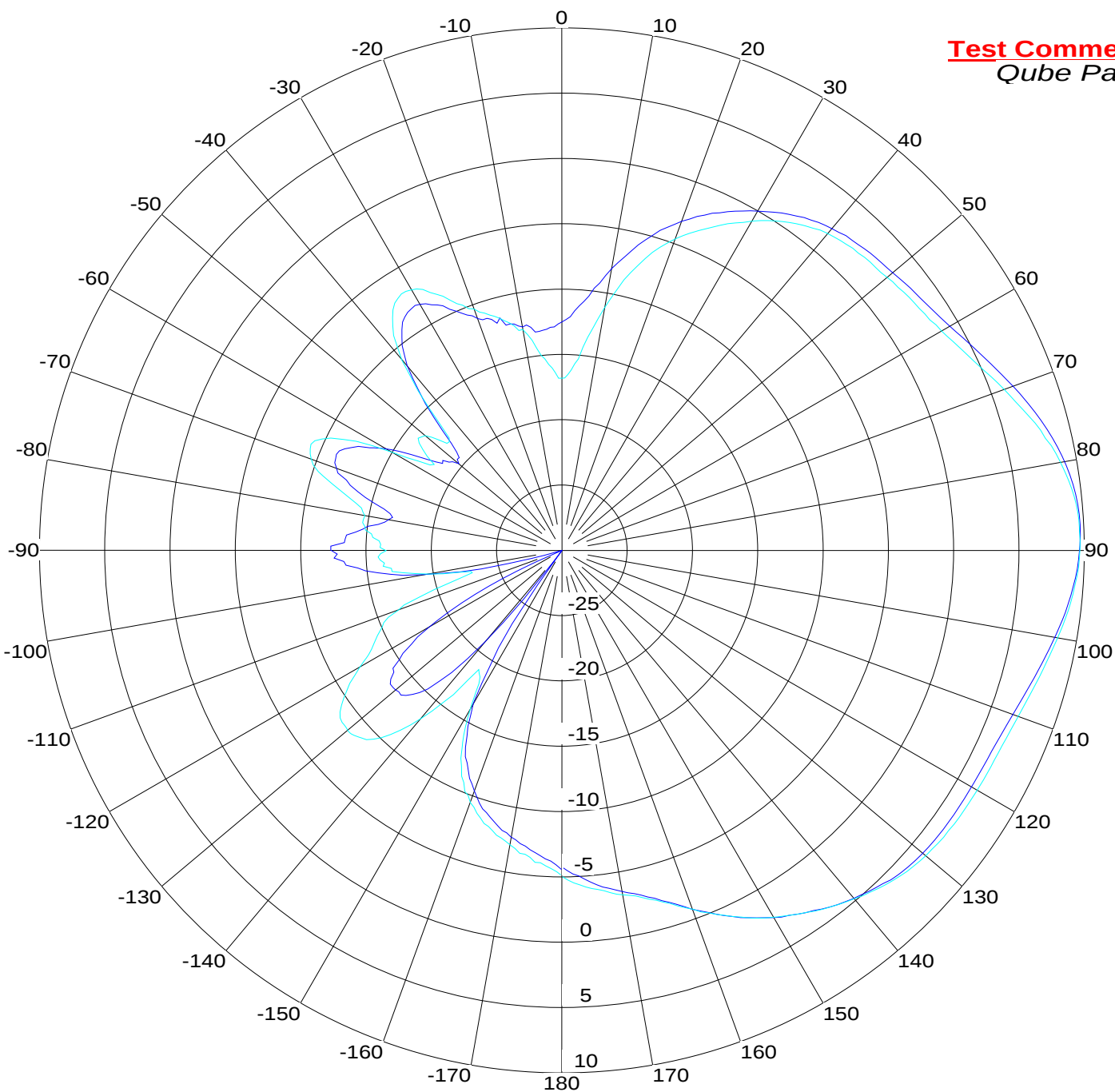
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.400 GHz

Cal. file table channel units

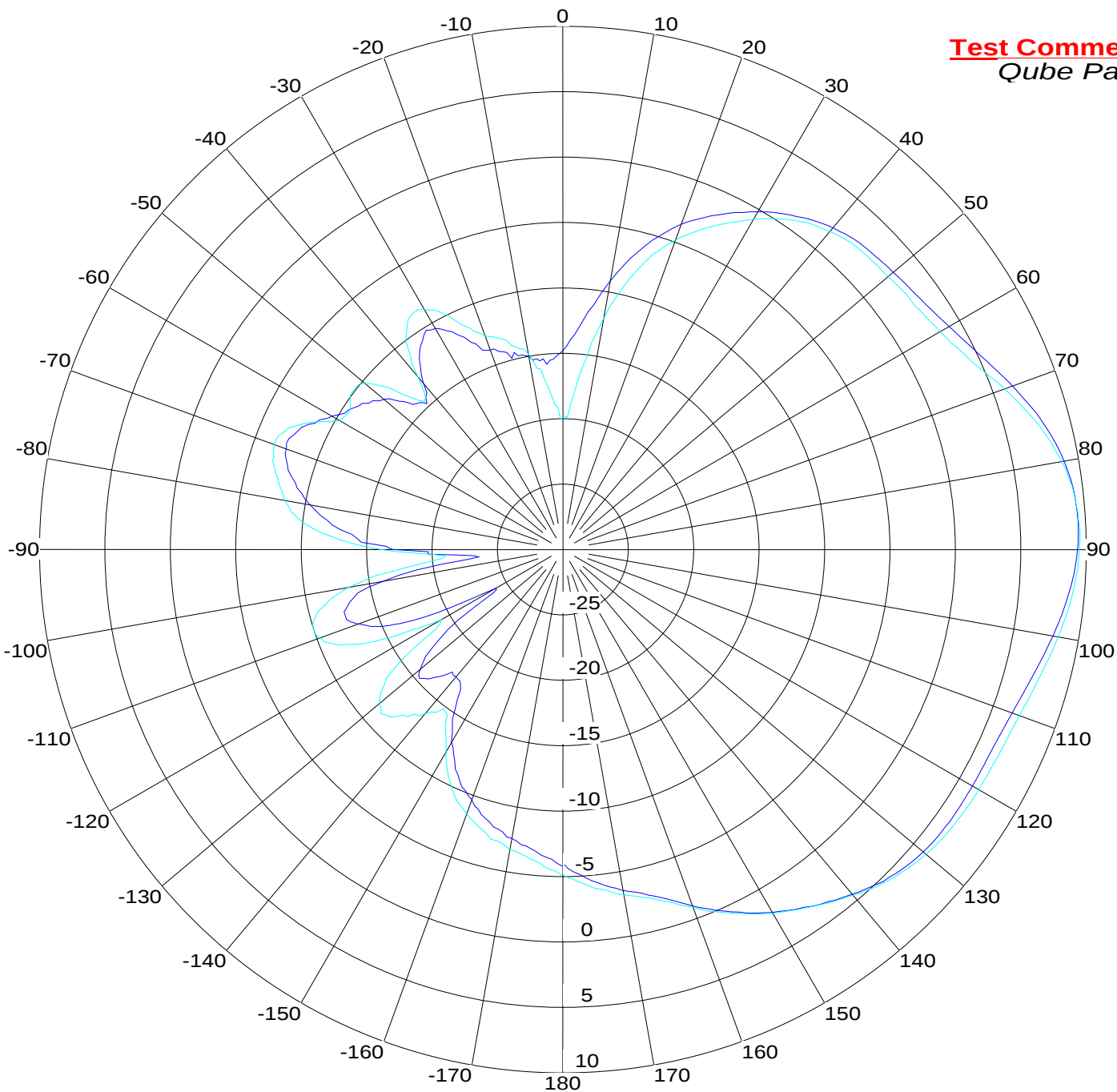
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.405 GHz

Cal. file table channel units

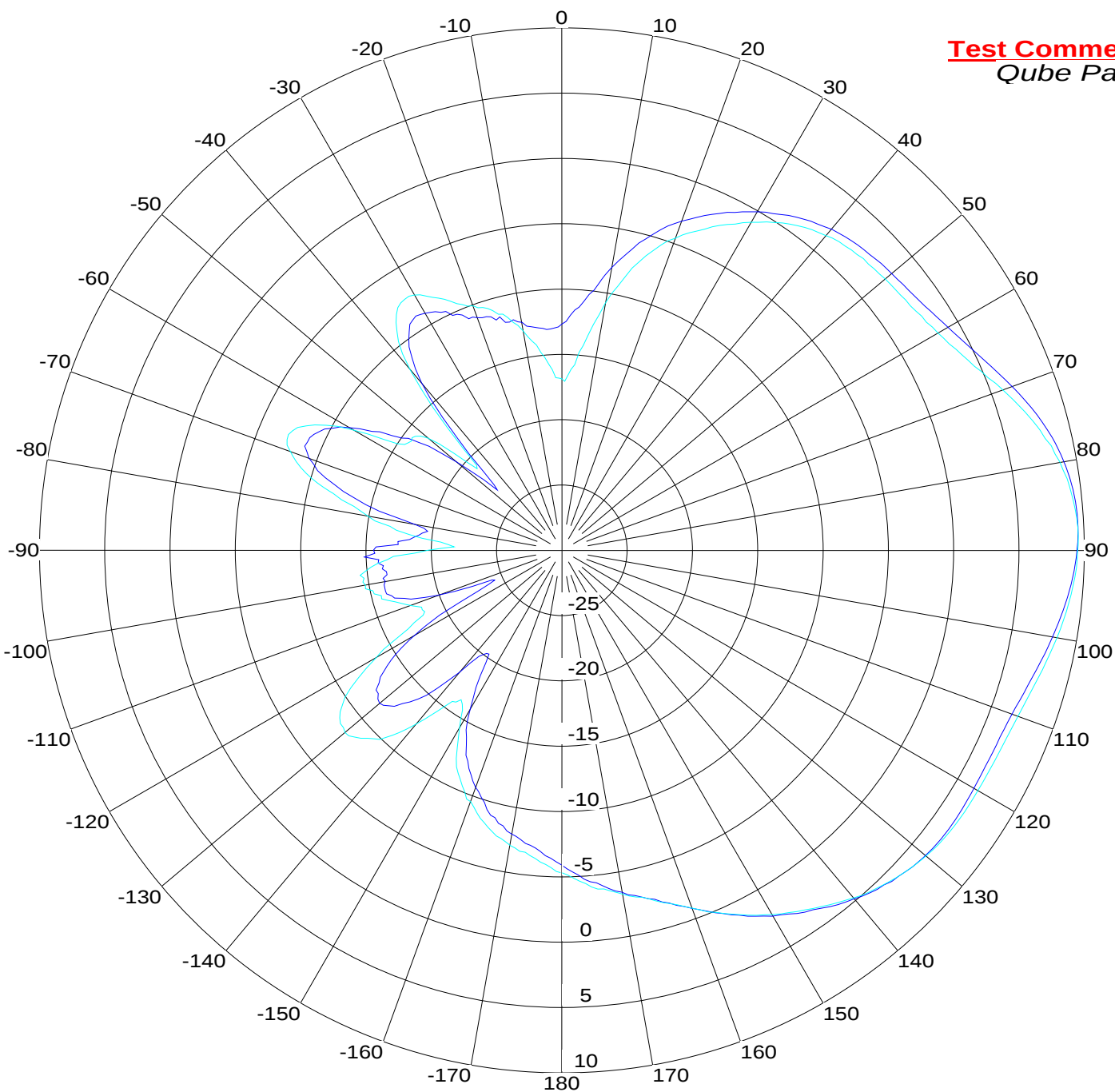
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.410 GHz

Cal. file table channel units

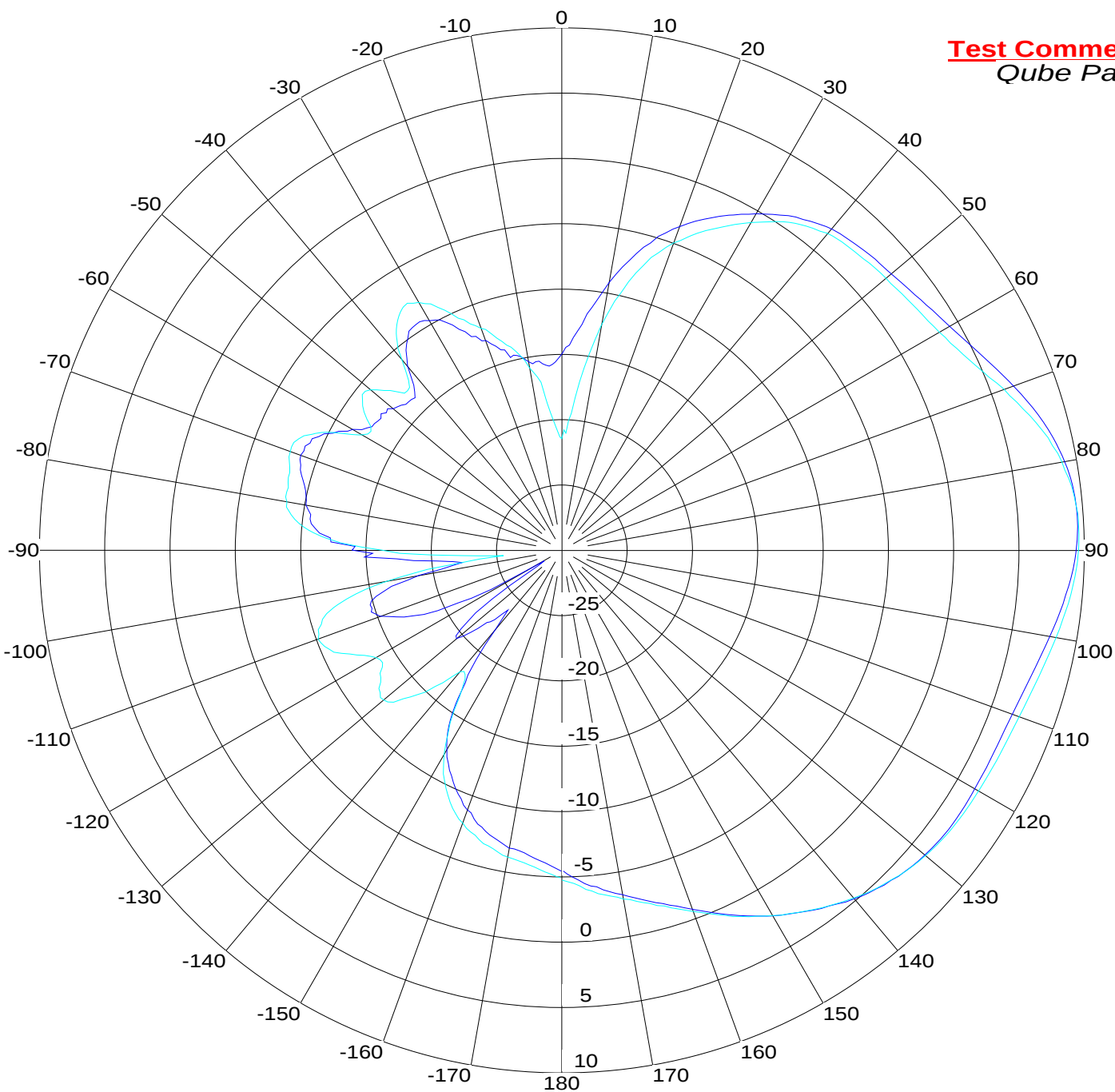
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.415 GHz

Cal. file table channel units

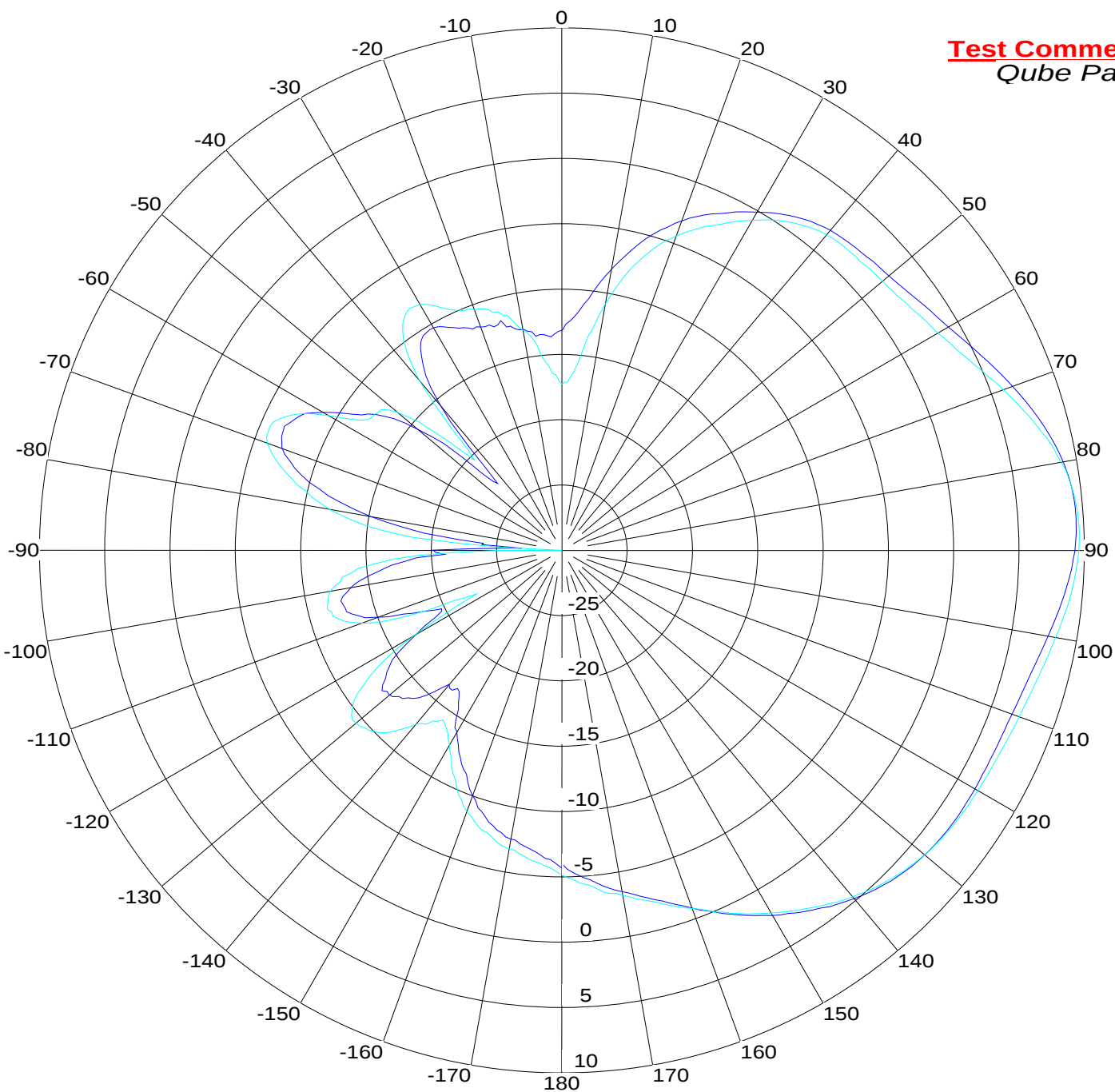
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.420 GHz

Cal. file table channel units

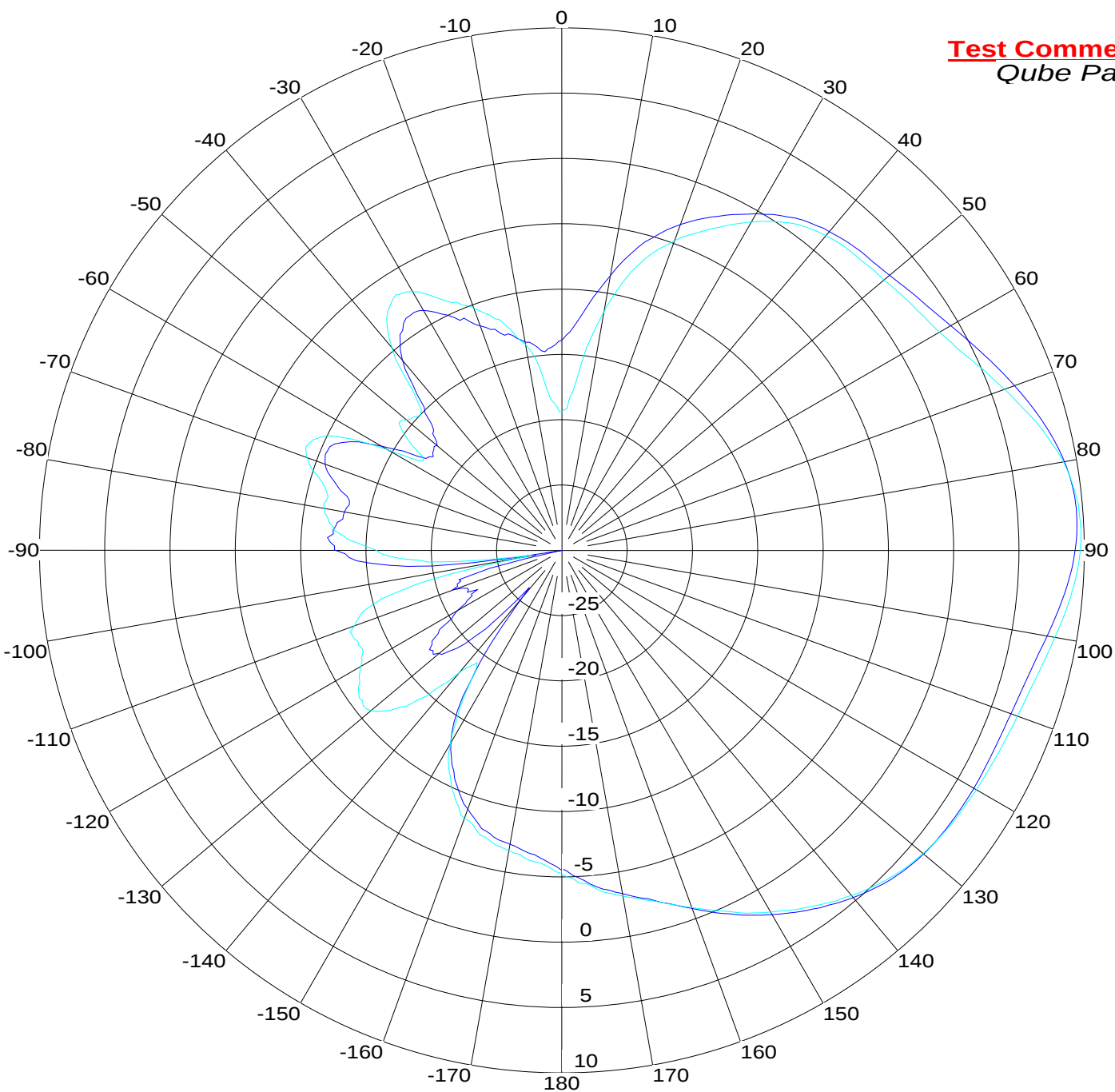
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.425 GHz

Cal. file table channel units

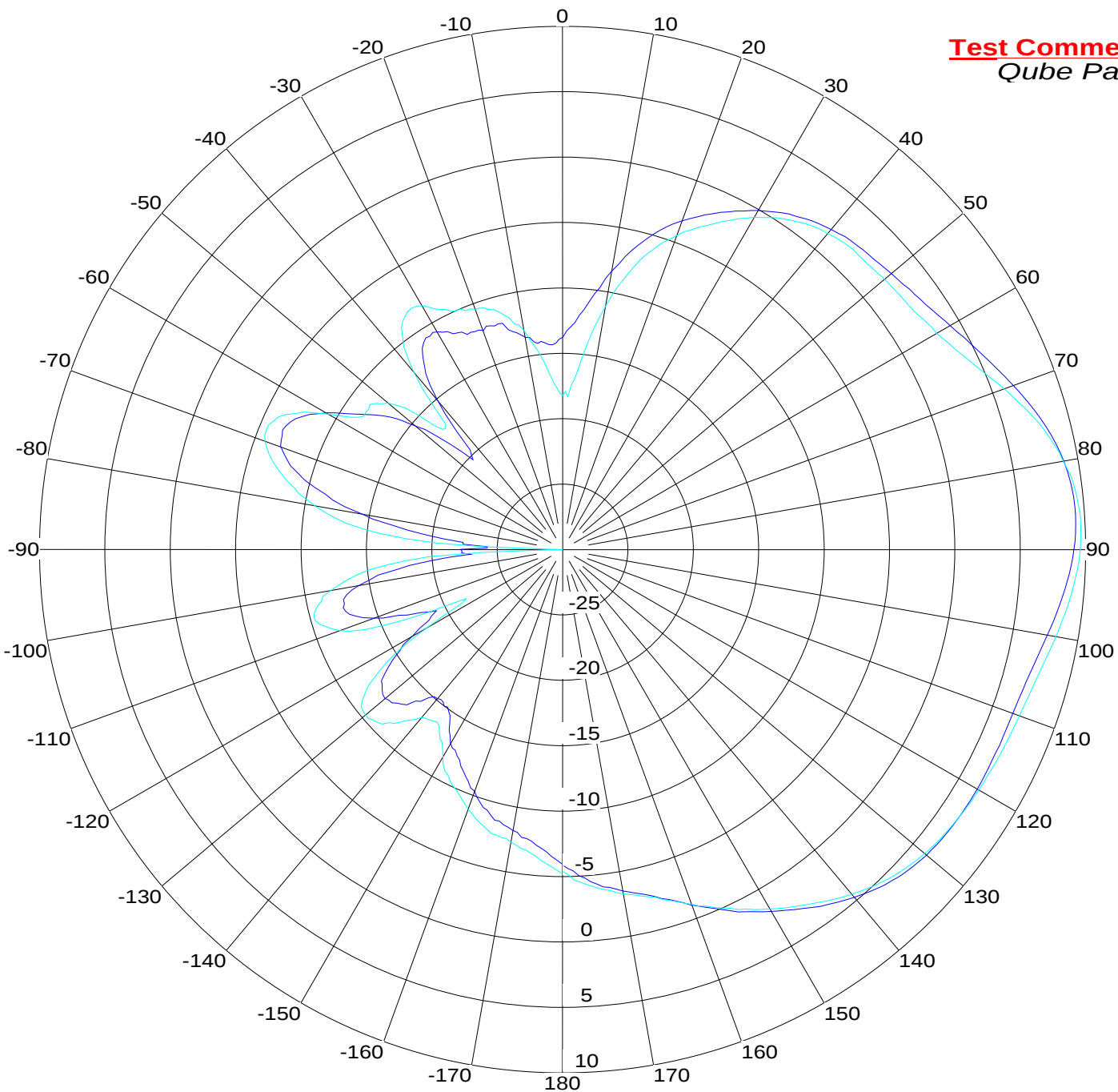
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.430 GHz

Cal. file table channel units

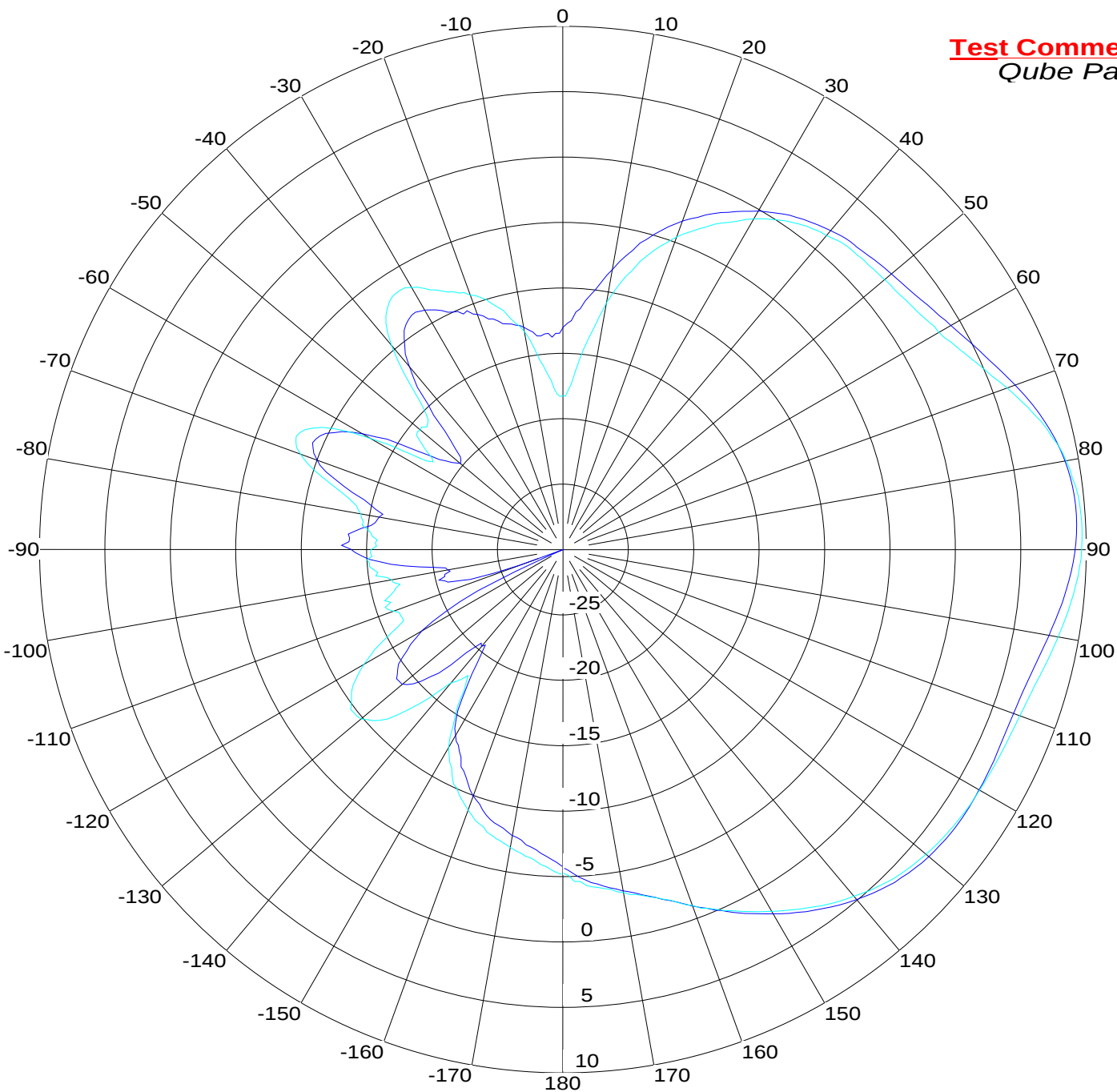
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.435 GHz

Cal. file table channel units

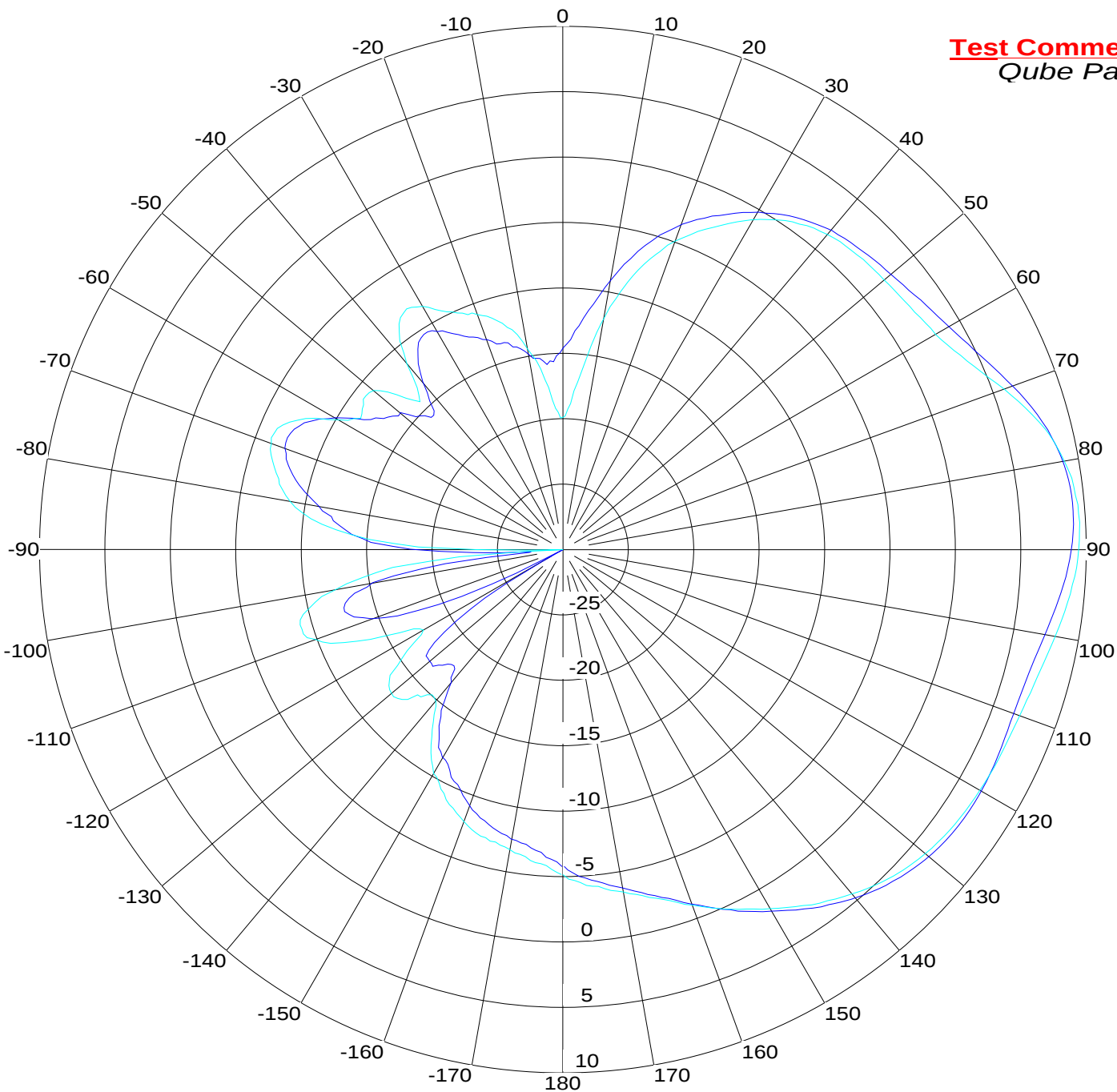
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.440 GHz

Cal. file table channel units

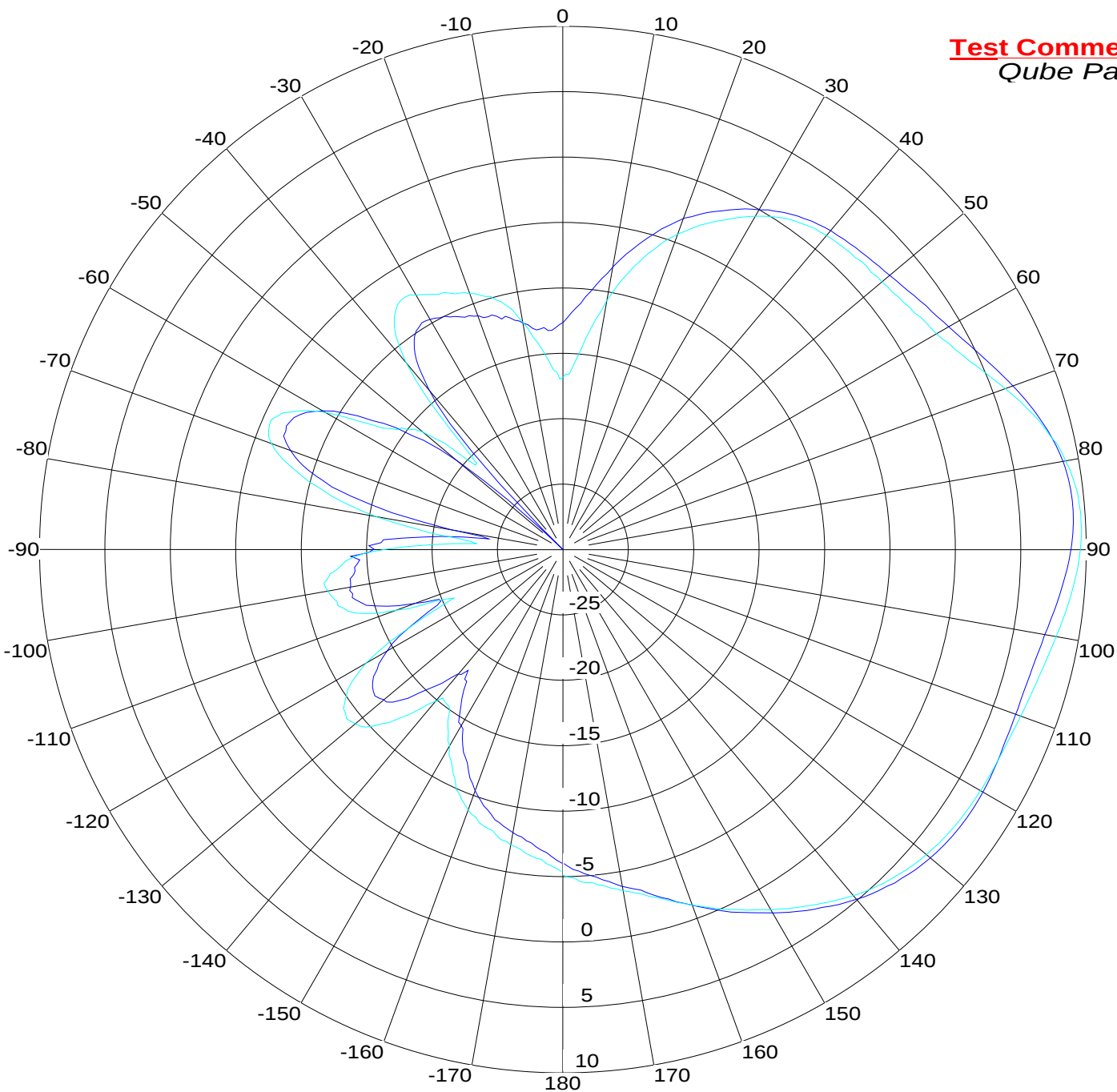
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.445 GHz

Cal. file table channel units

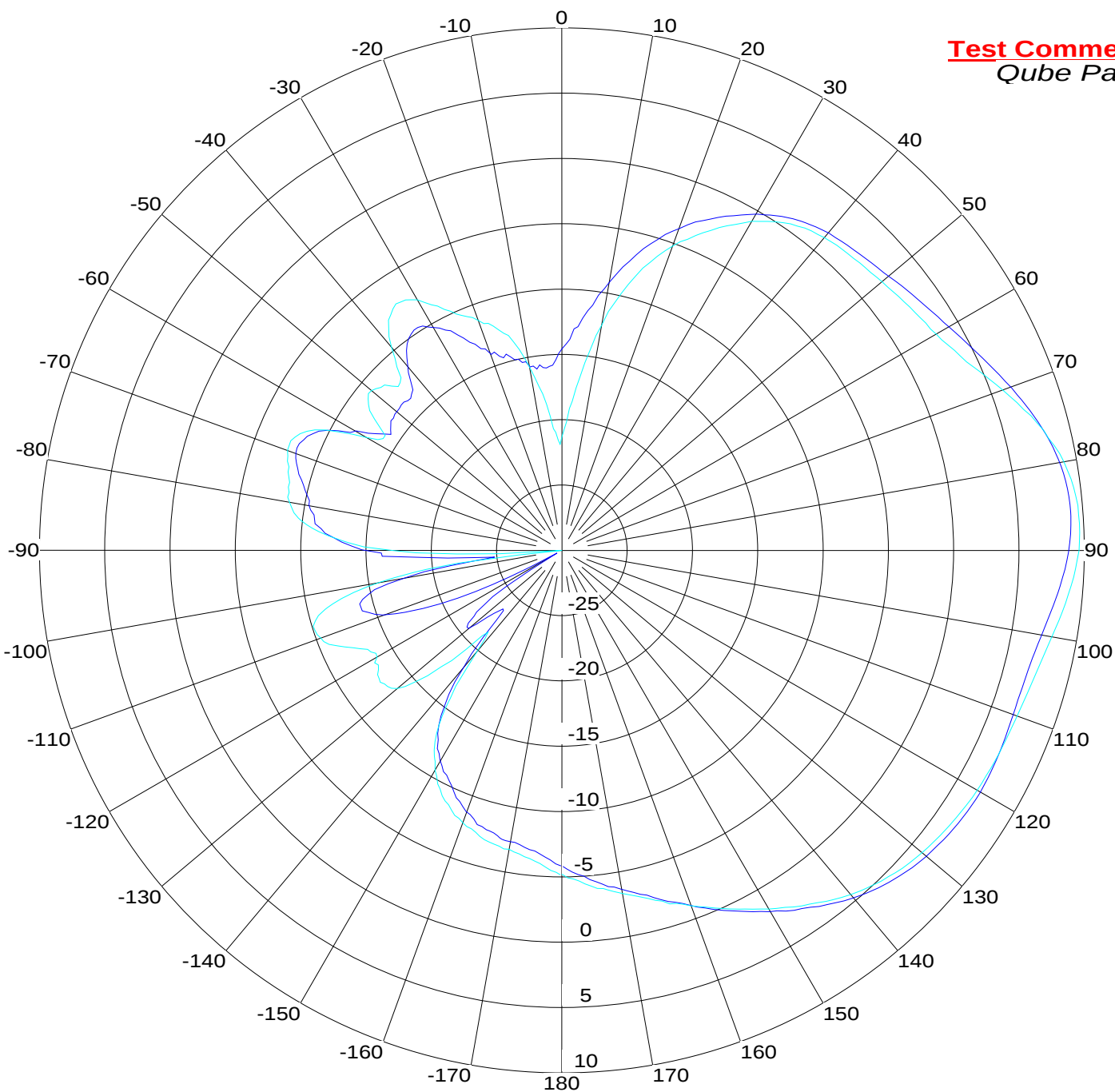
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.450 GHz

Cal. file table channel units

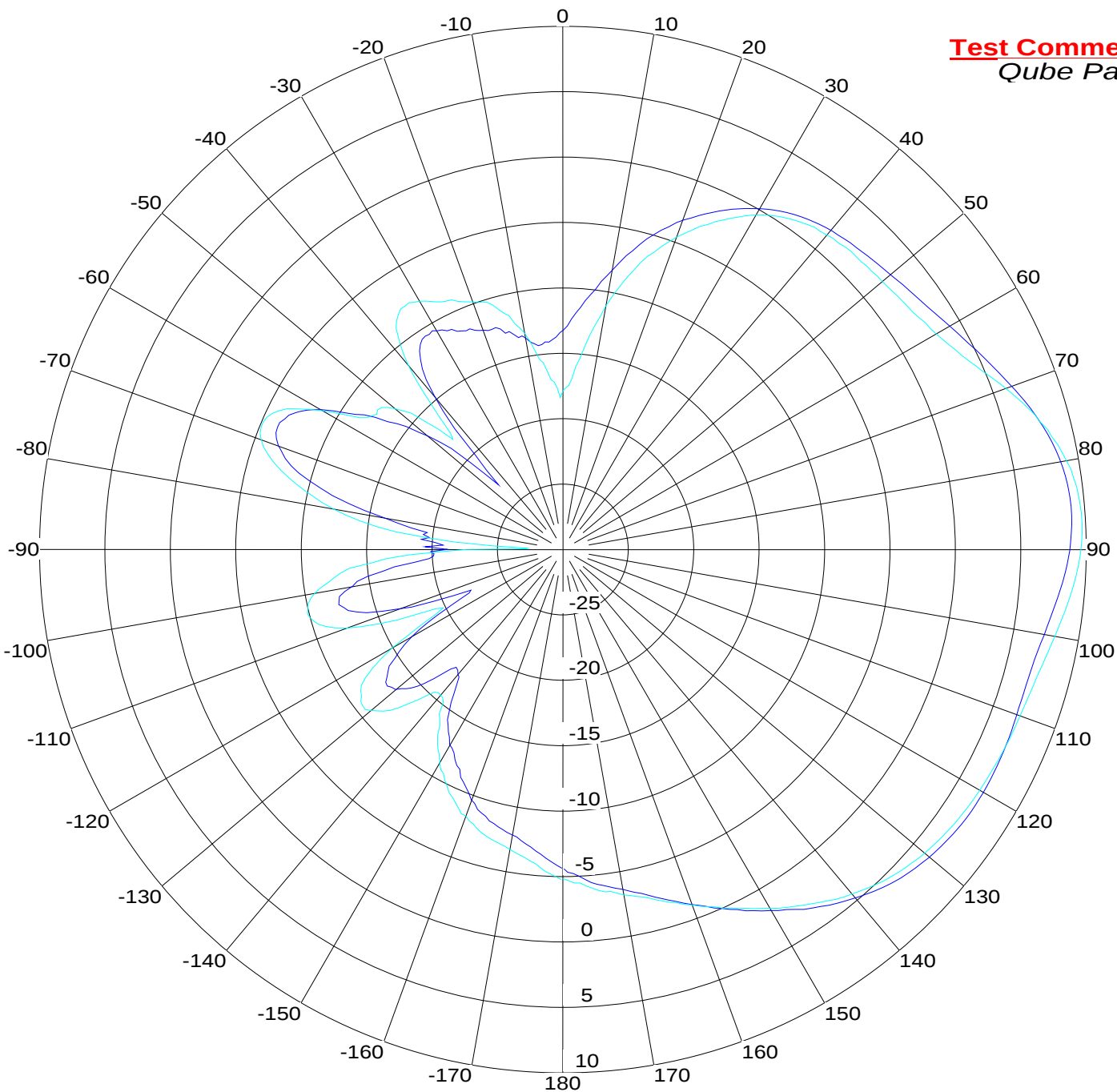
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.455 GHz

Cal. file table channel units

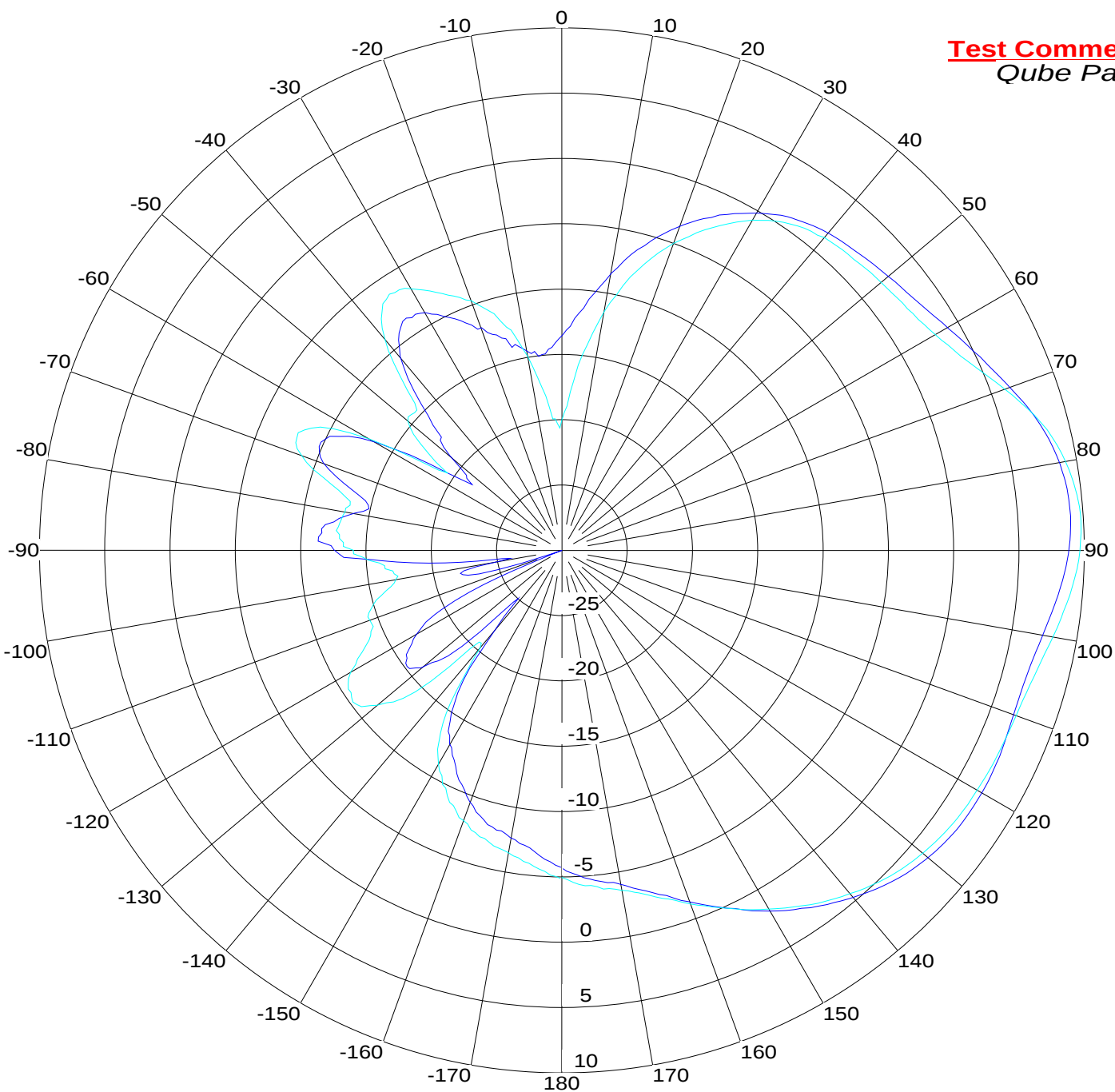
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.460 GHz

Cal. file table channel units

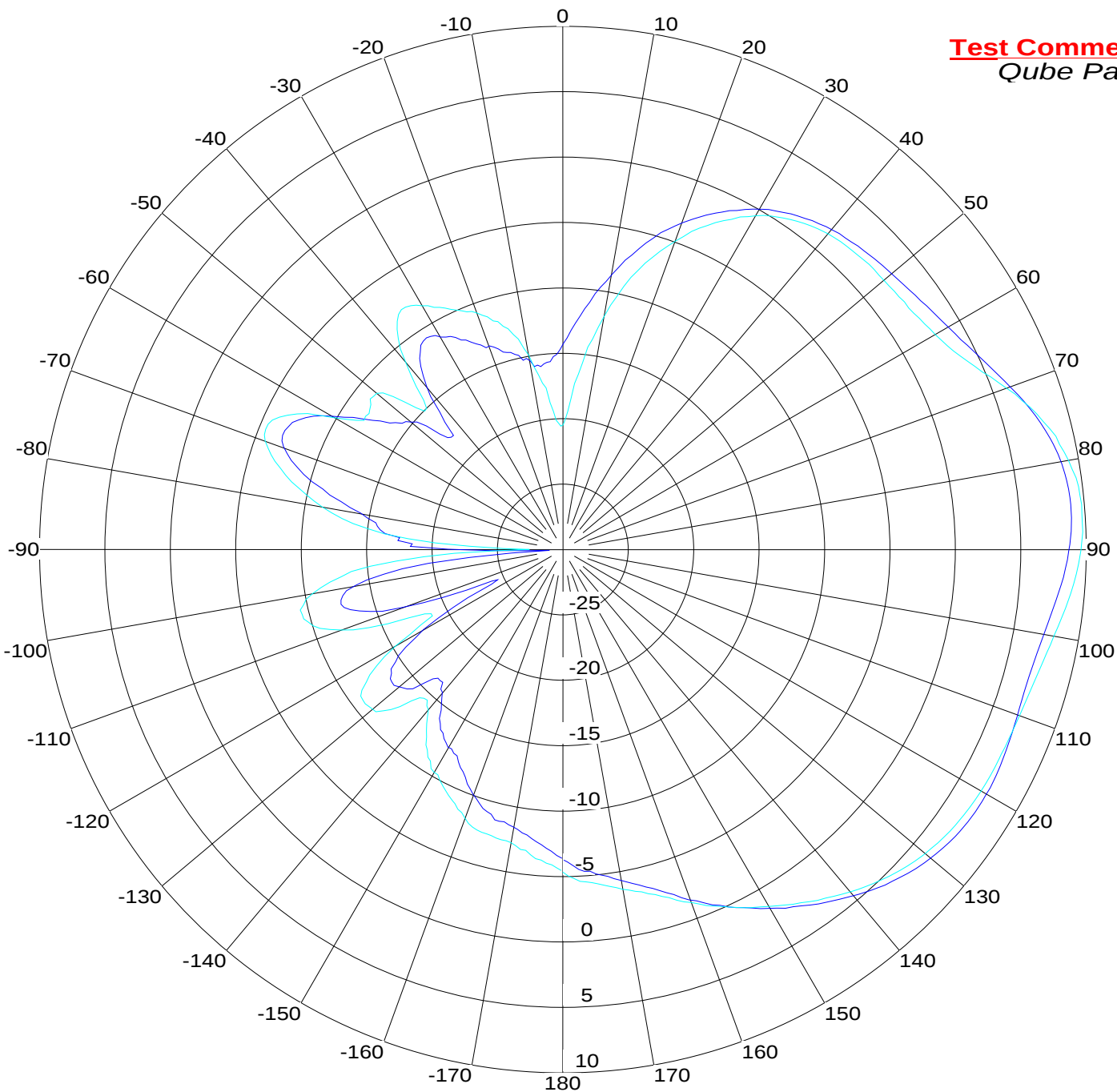
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.465 GHz

Cal. file table channel units

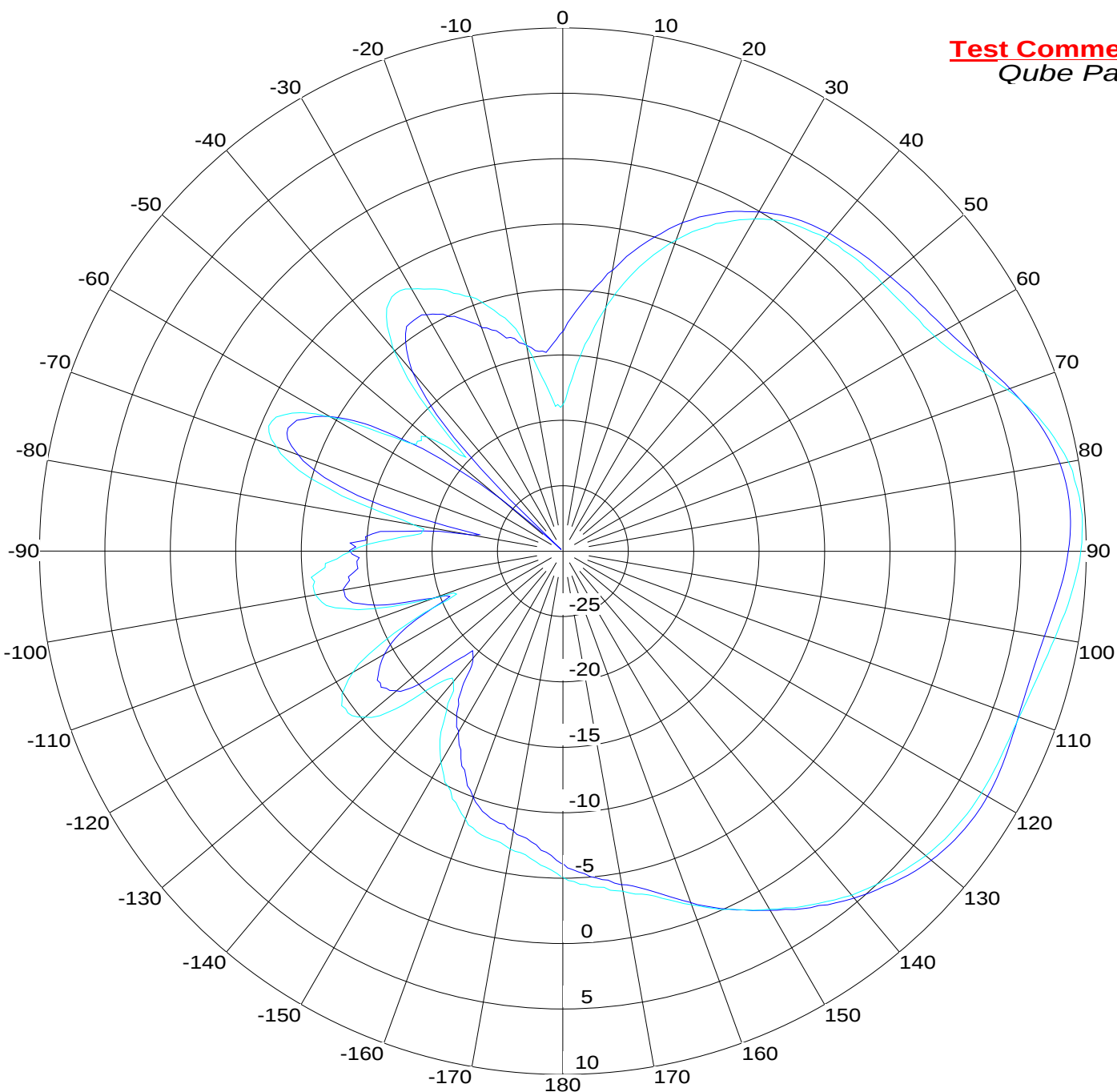
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.470 GHz

Cal. file table channel units

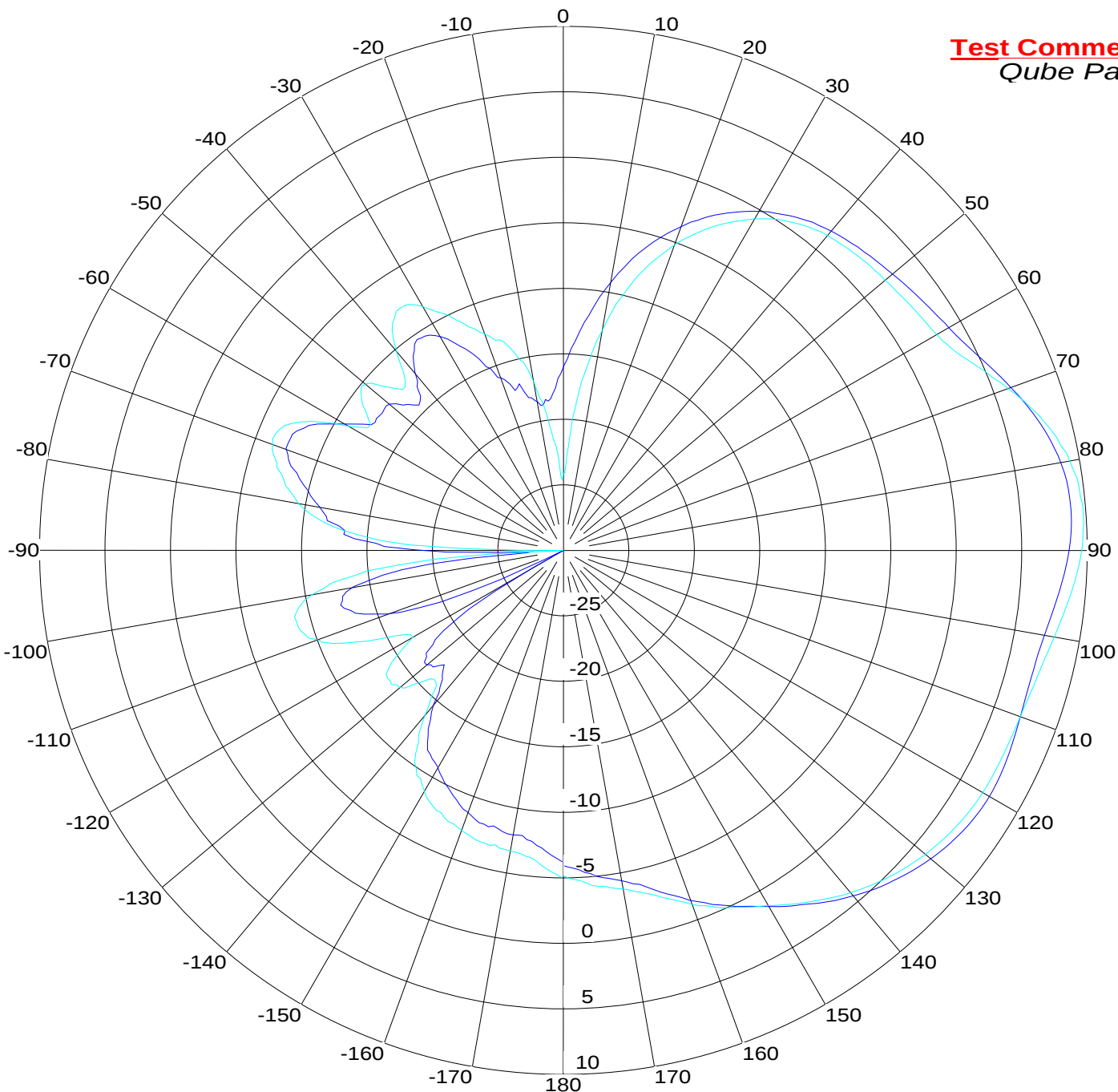
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.475 GHz

Cal. file table channel units

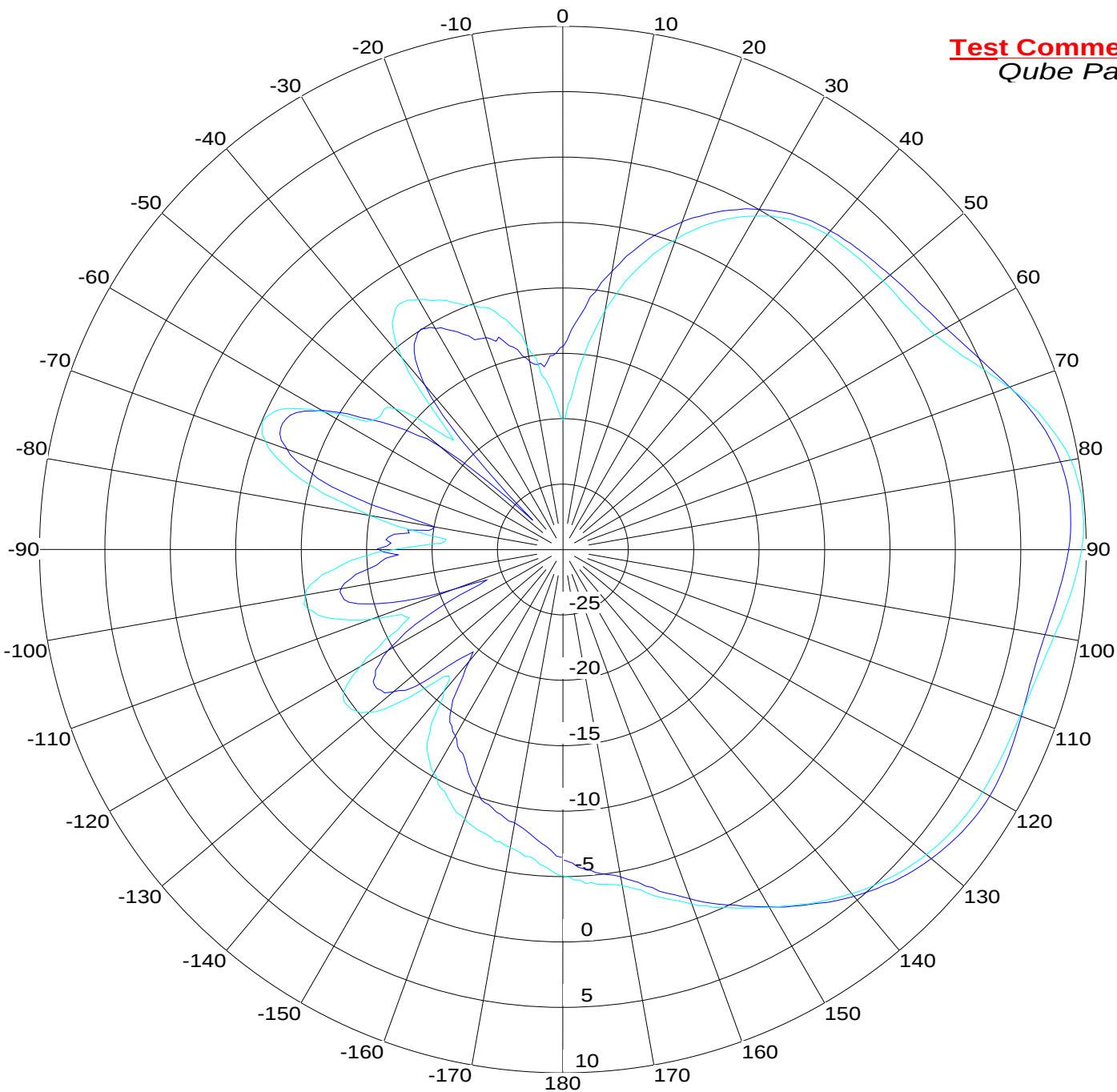
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.480 GHz

Cal. file table channel units

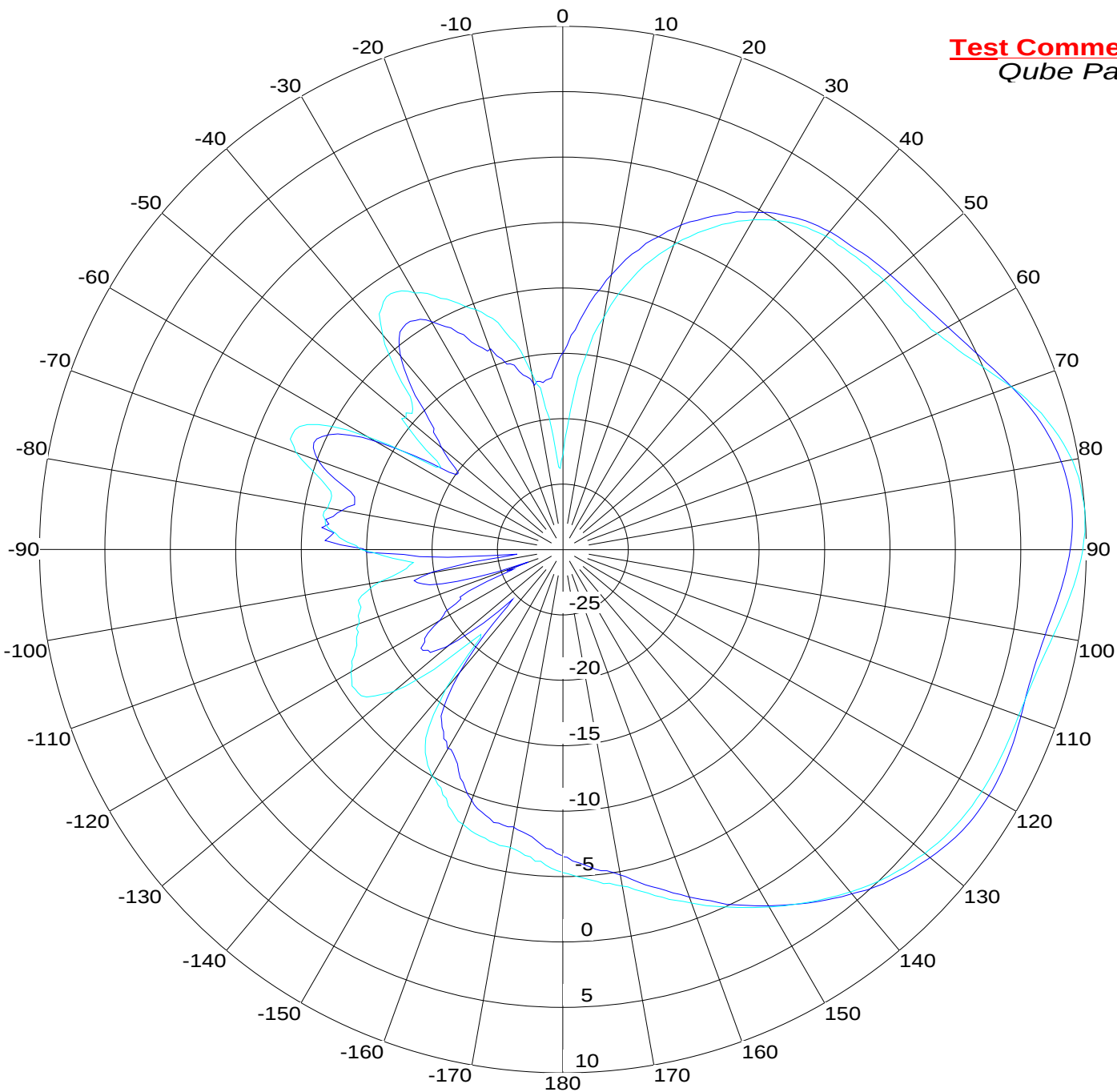
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.485 GHz

Cal. file table channel units

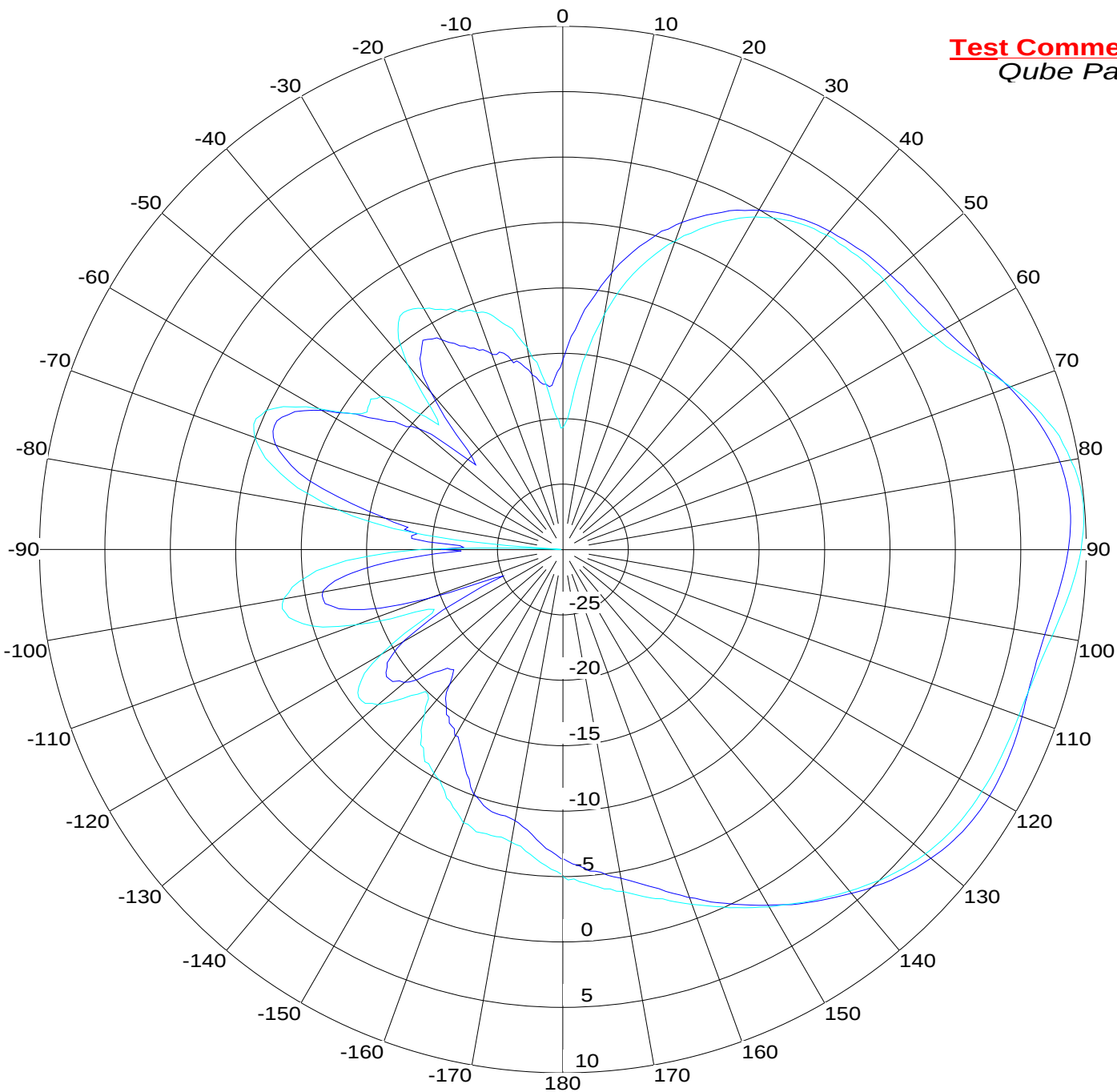
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.490 GHz

Cal. file table channel units

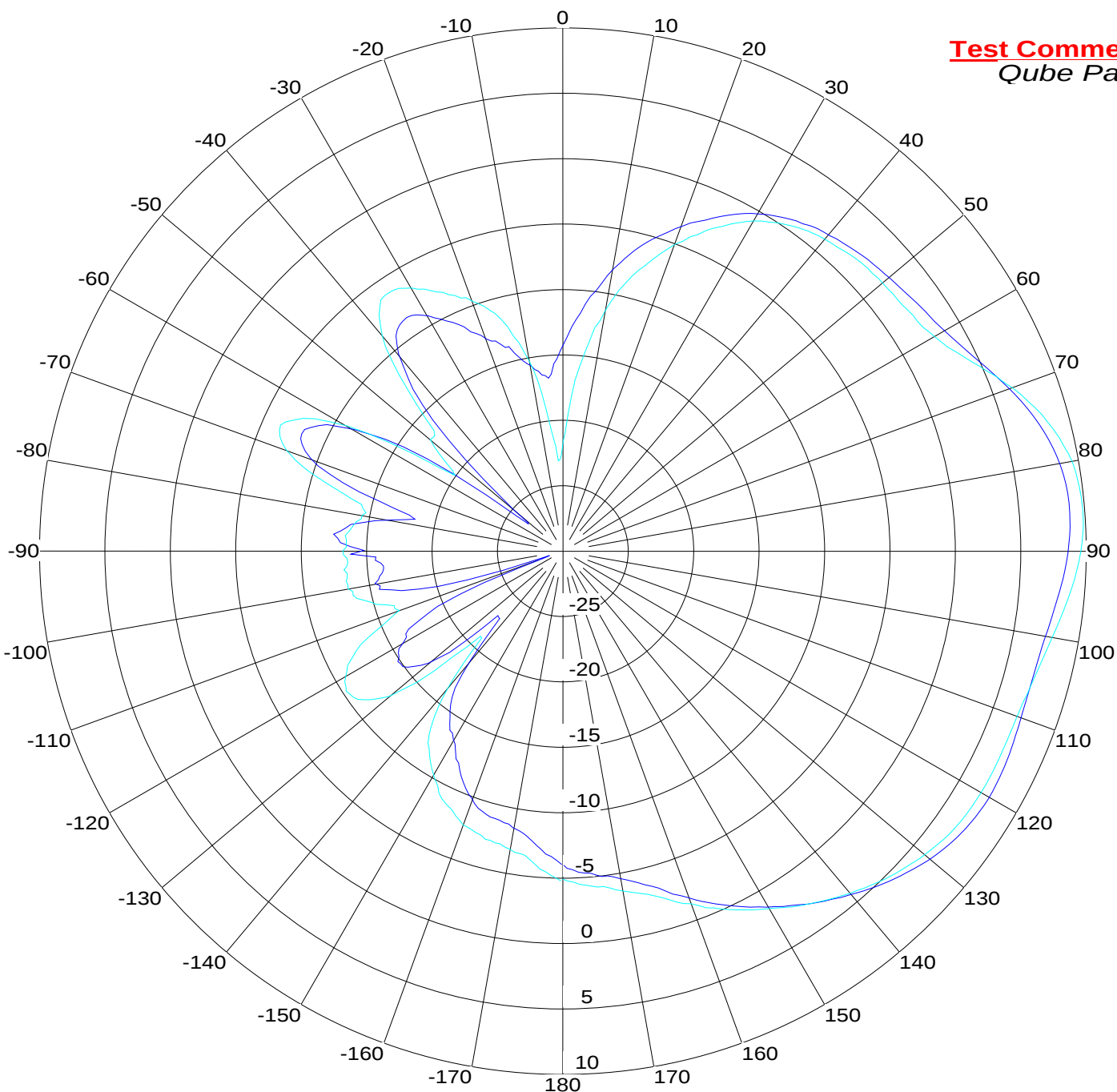
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.495 GHz

Cal. file table channel units

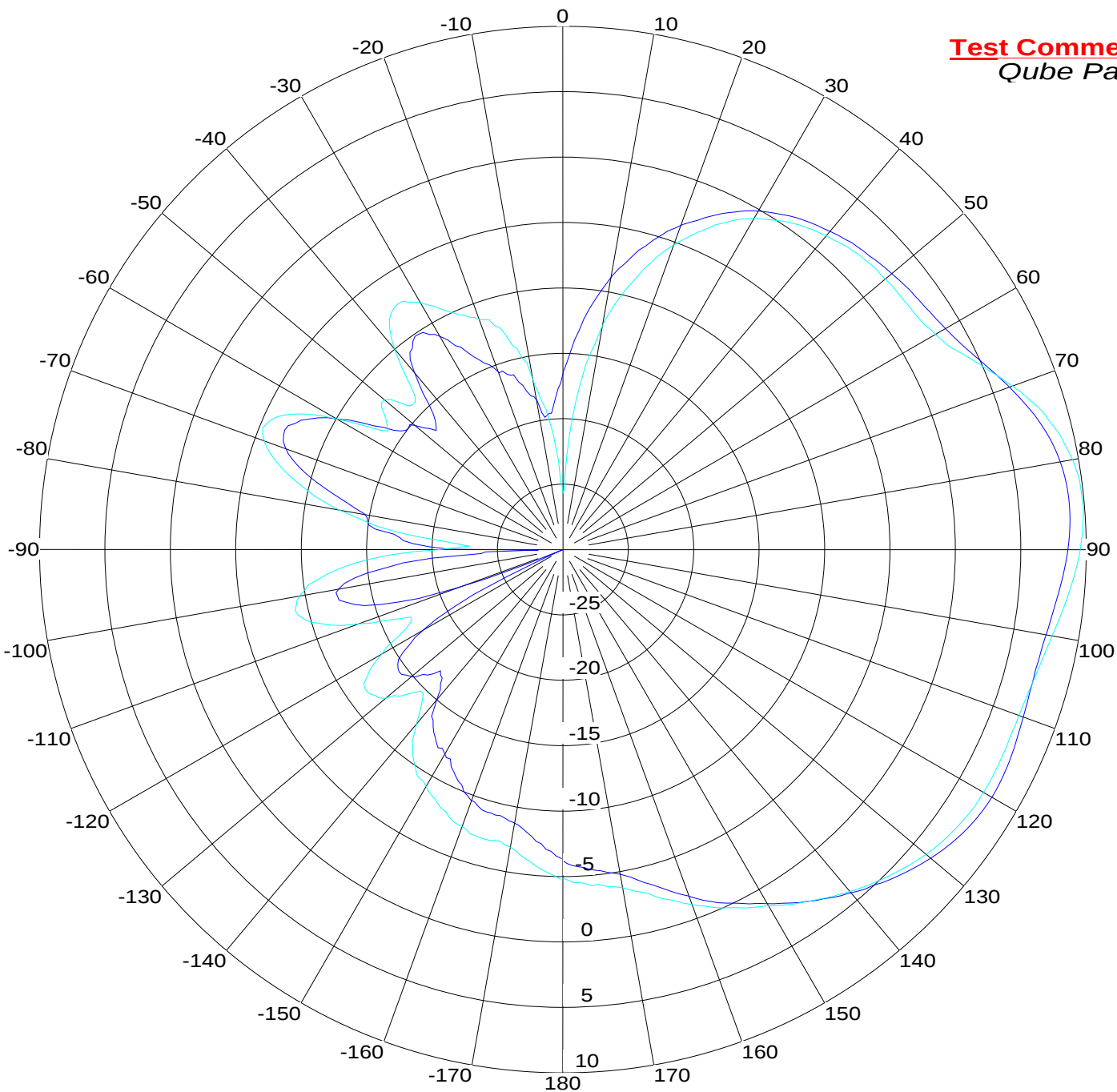
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.500 GHz

Cal. file table channel units

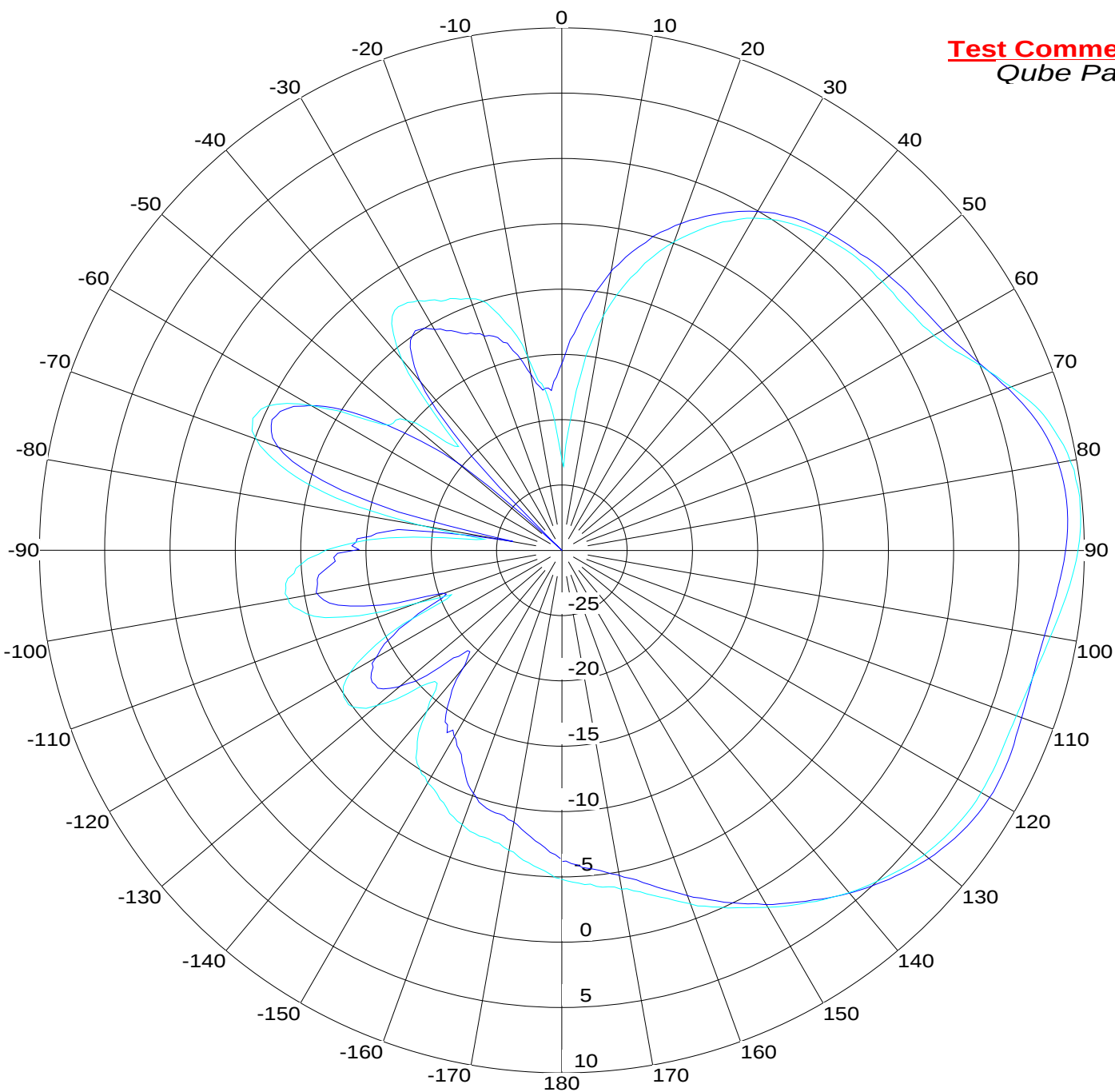
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.505 GHz

Cal. file table channel units

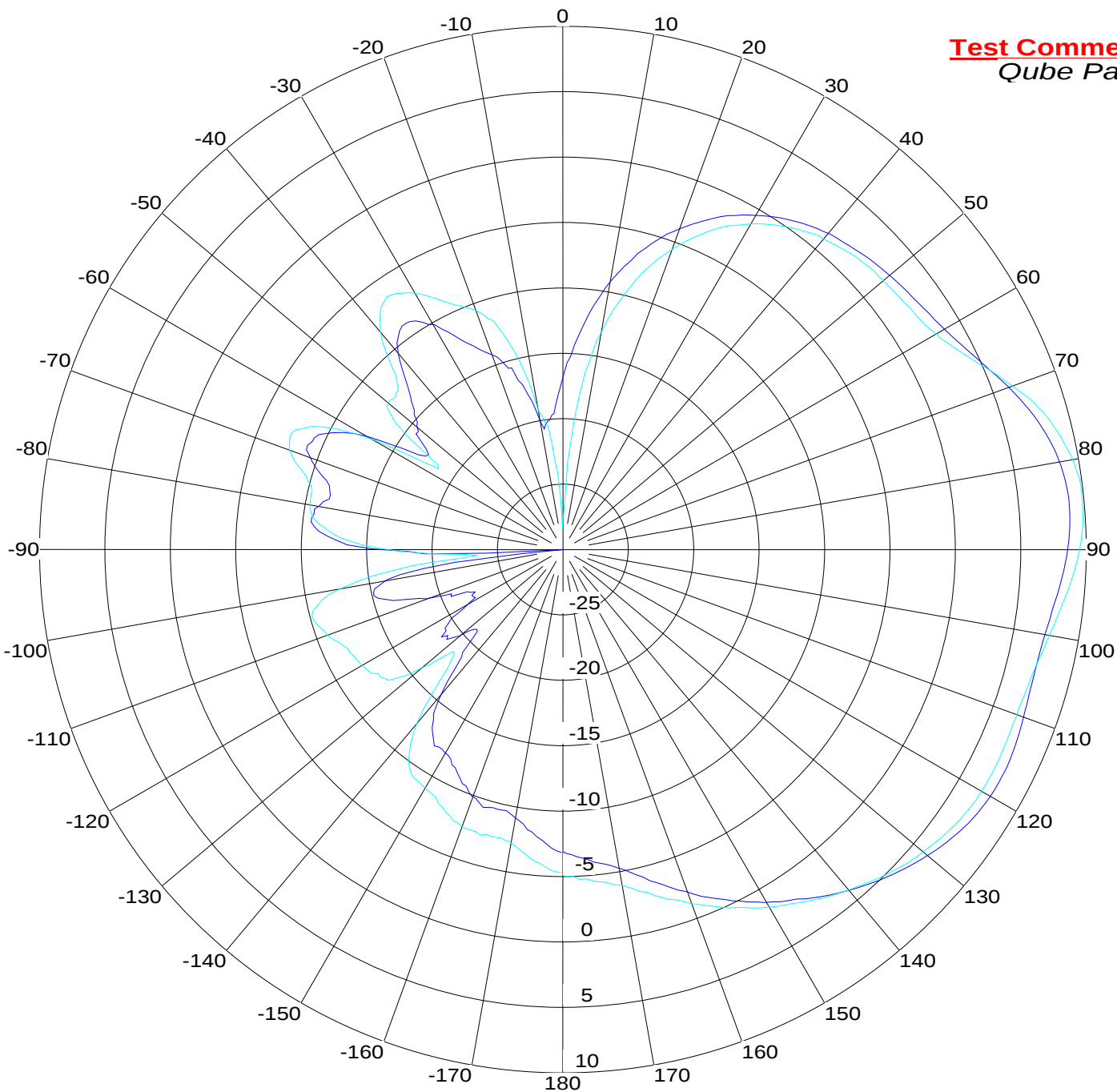
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.510 GHz

Cal. file table channel units

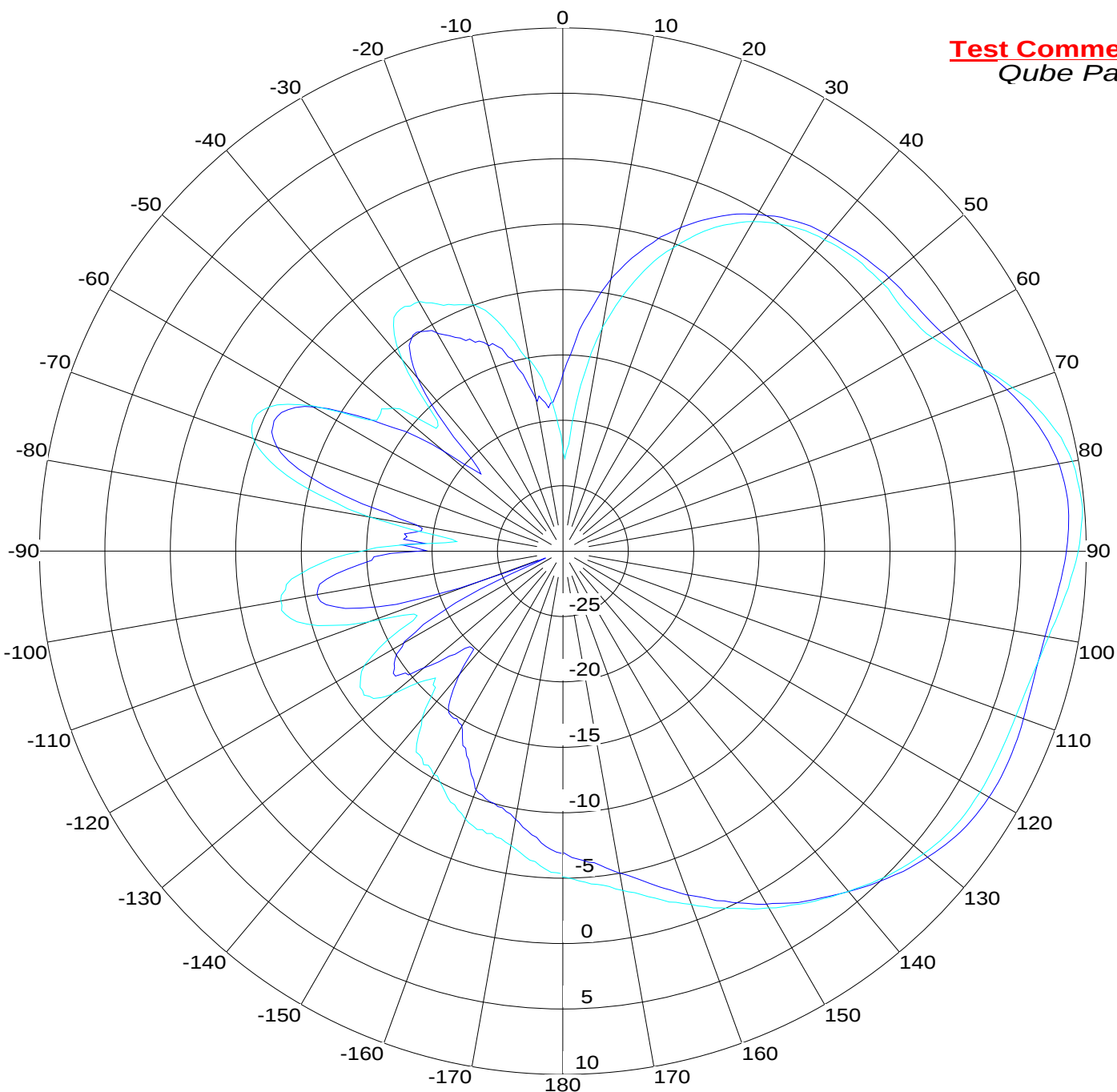
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.515 GHz

Cal. file table channel units

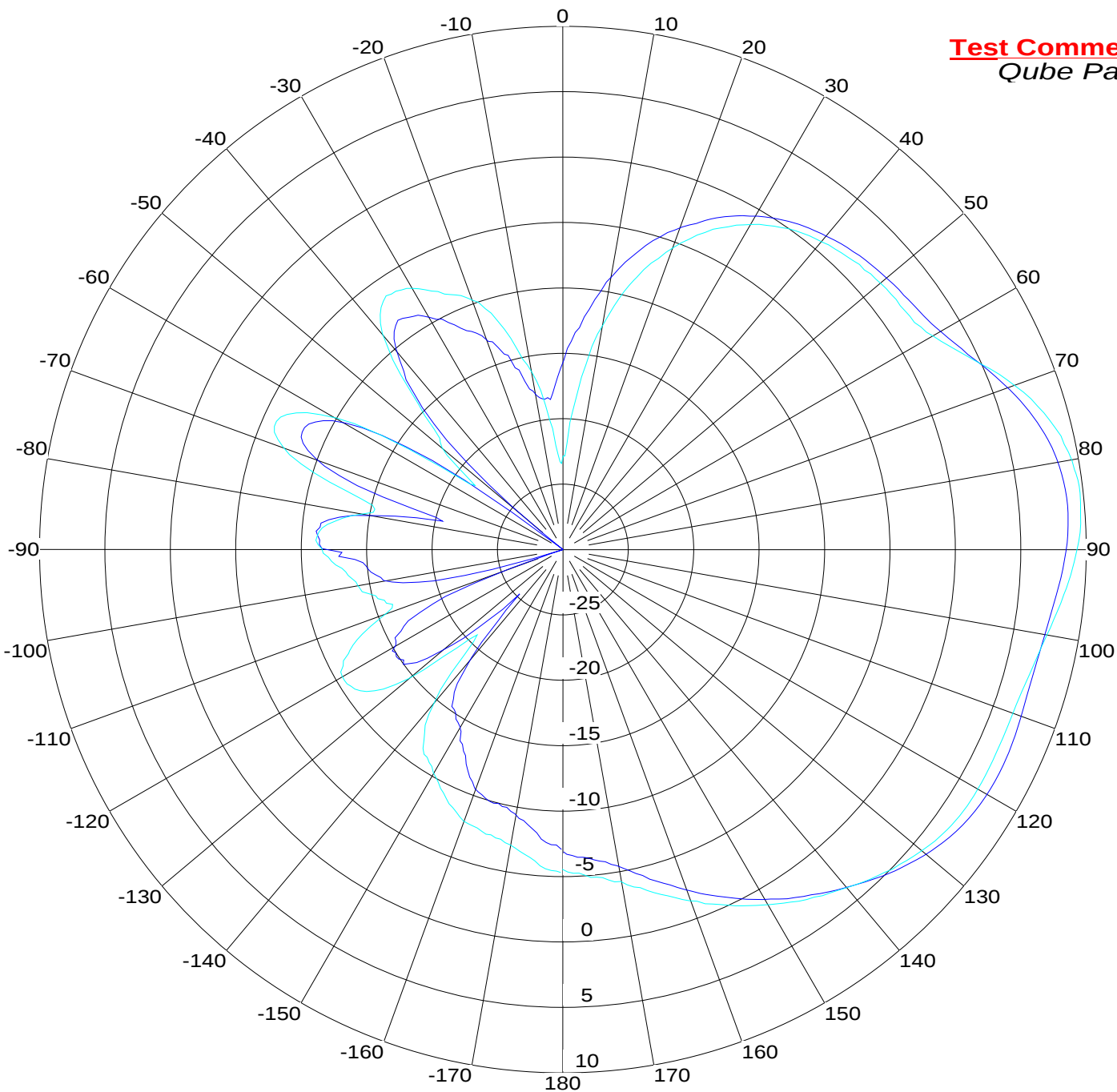
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.520 GHz

Cal. file table channel units

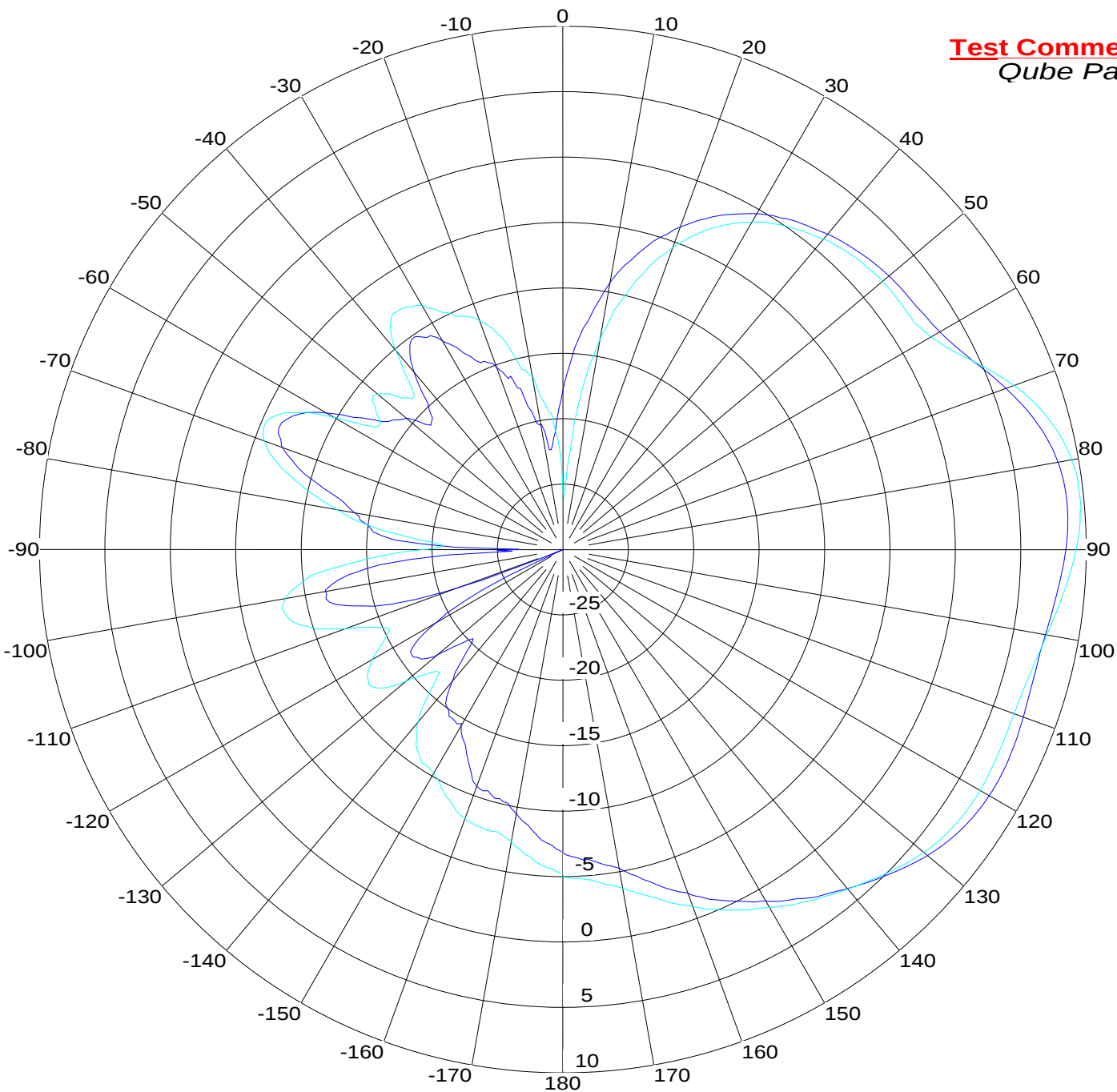
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.525 GHz

Cal. file table channel units

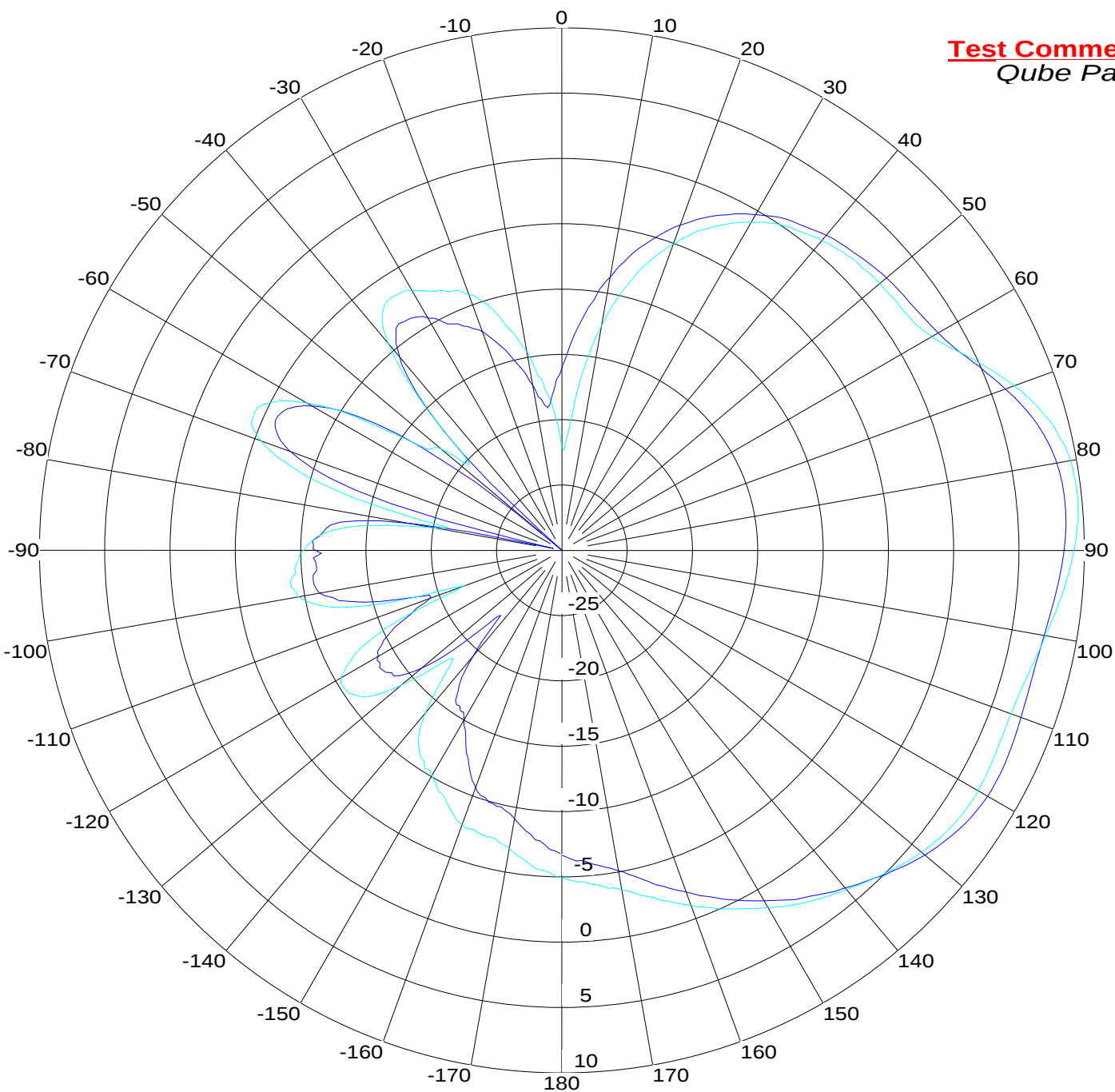
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.530 GHz

Cal. file table channel units

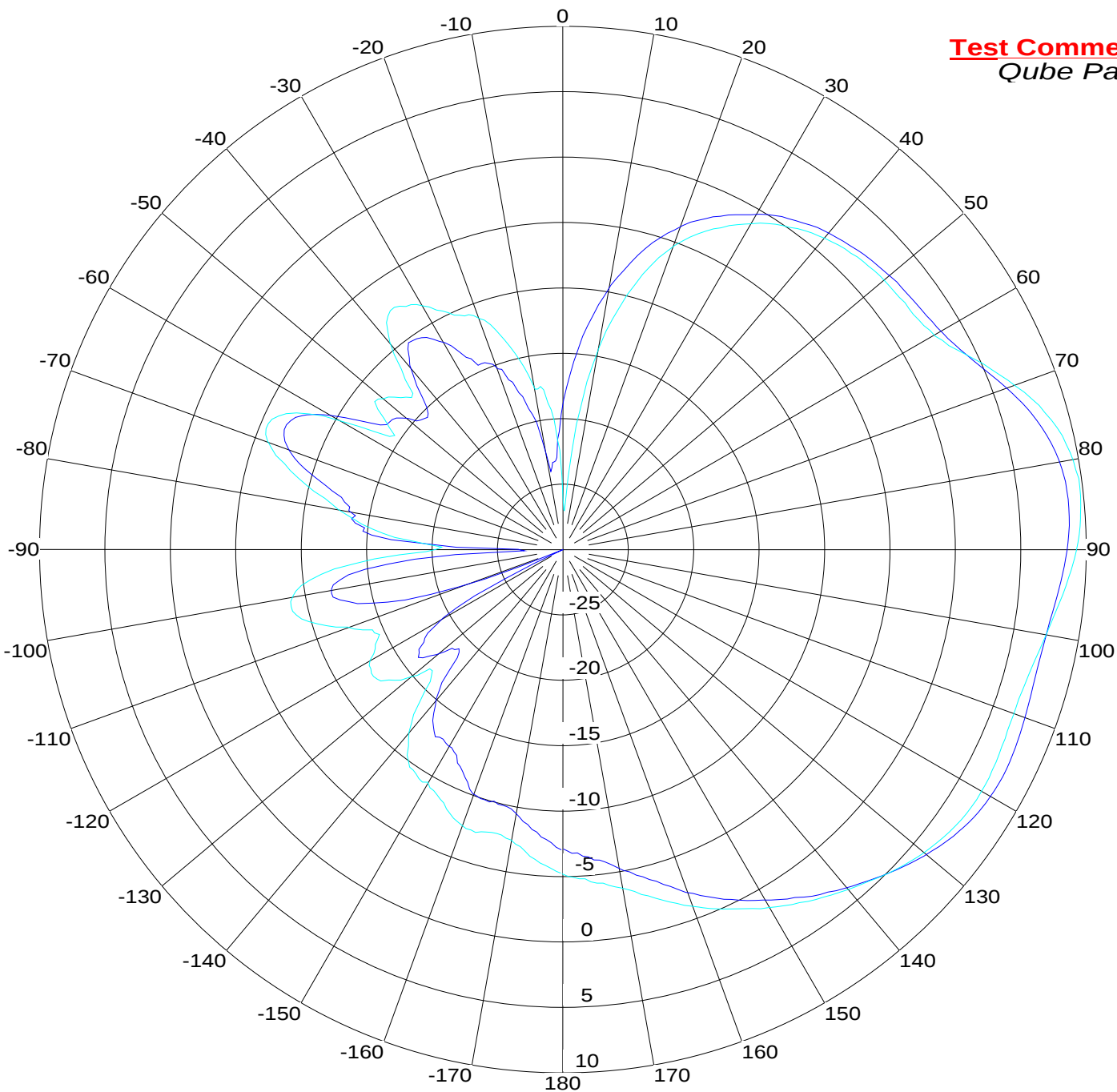
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.535 GHz

Cal. file table channel units

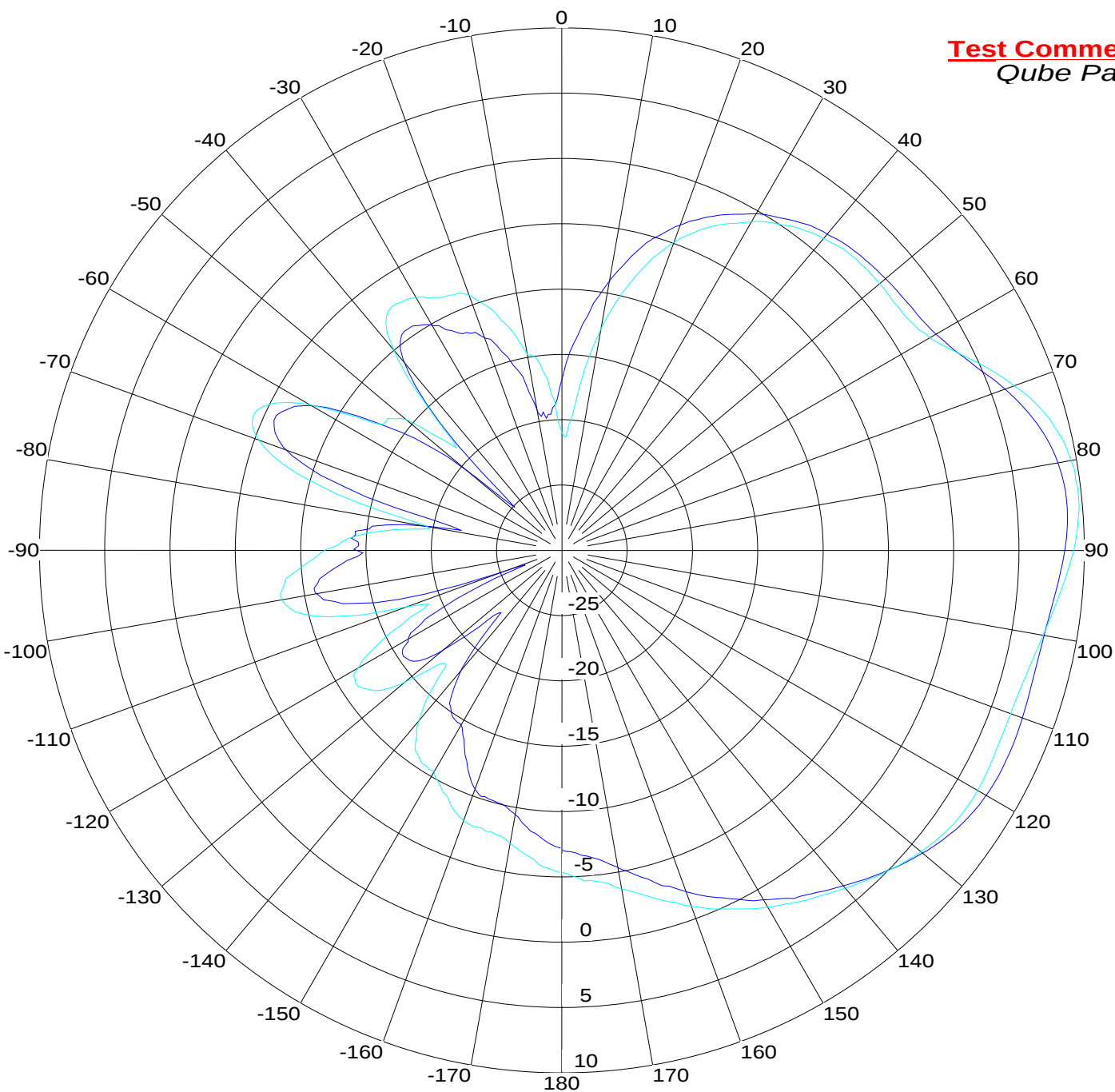
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.540 GHz

Cal. file table channel units

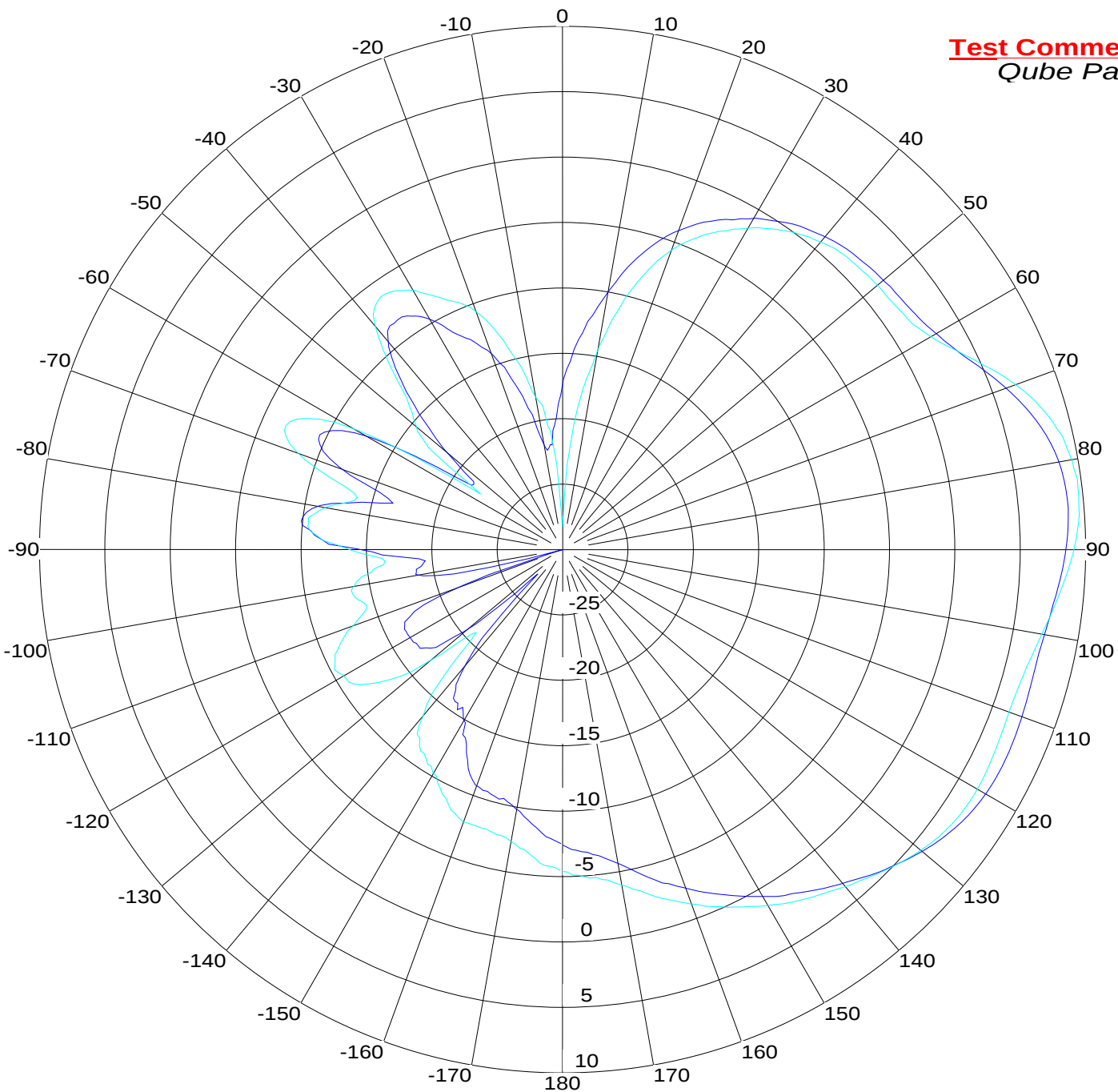
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.545 GHz

Cal. file table channel units

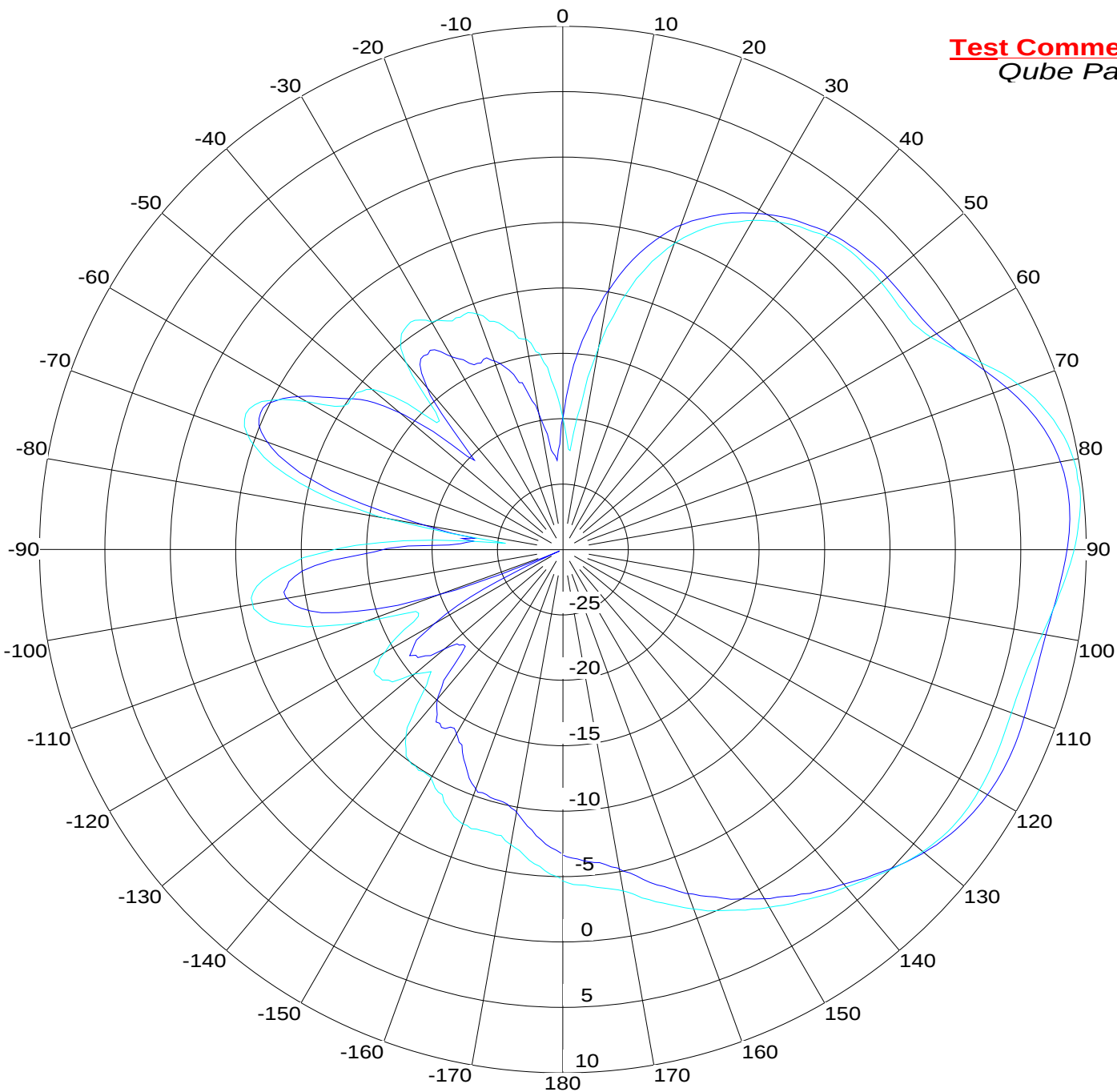
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.550 GHz

Cal. file table channel units

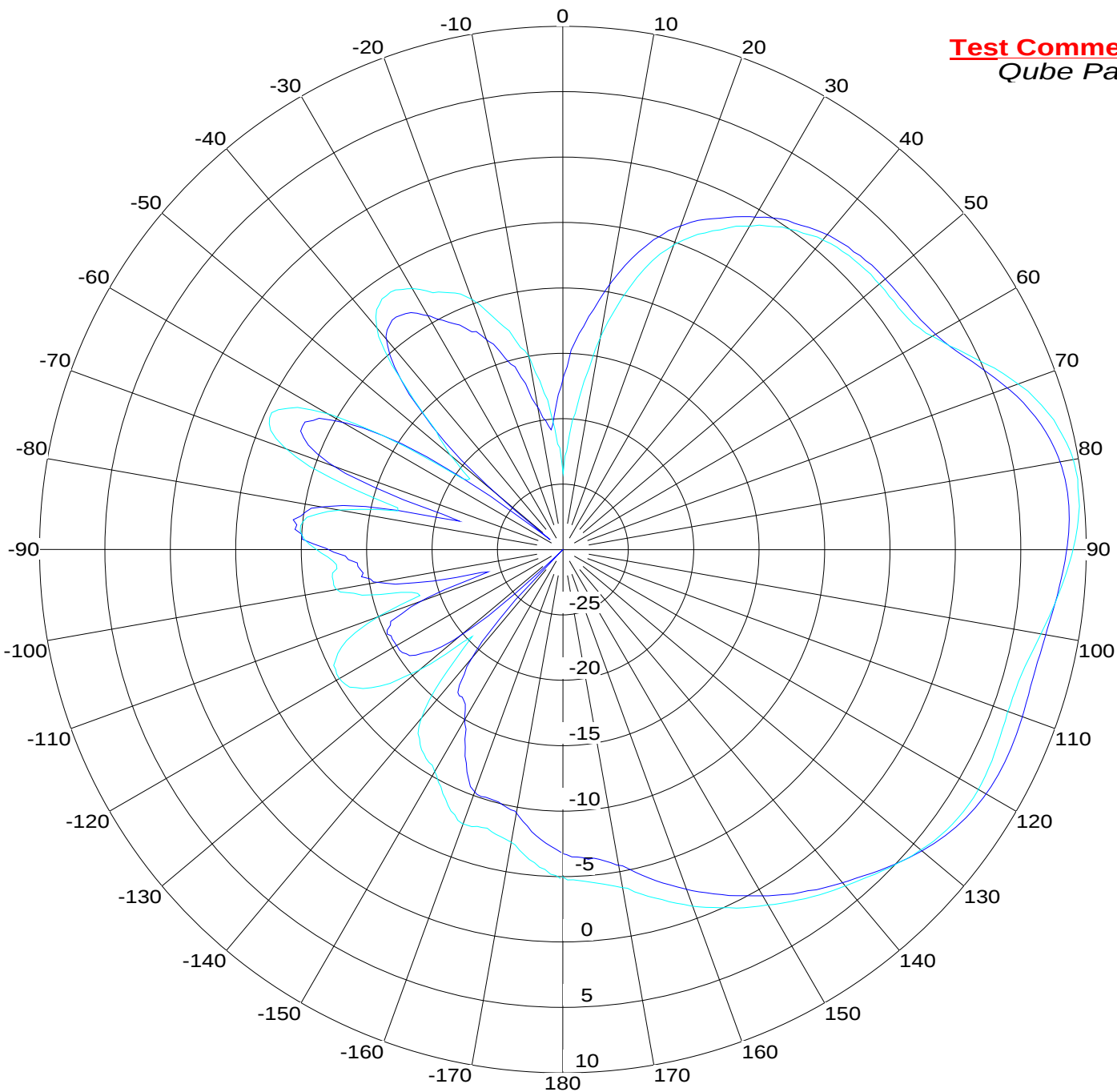
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.555 GHz

Cal. file table channel units

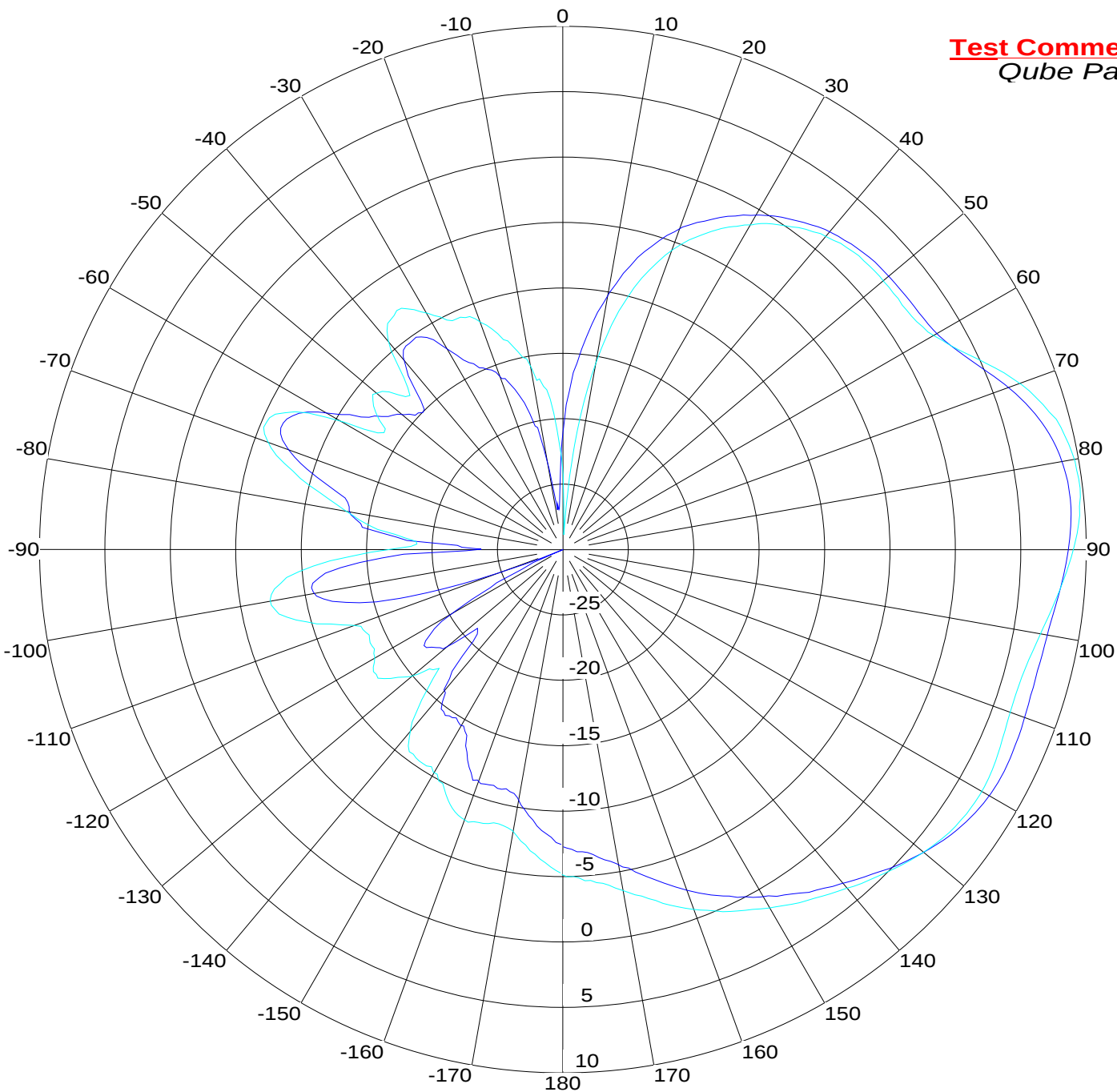
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.560 GHz

Cal. file table channel units

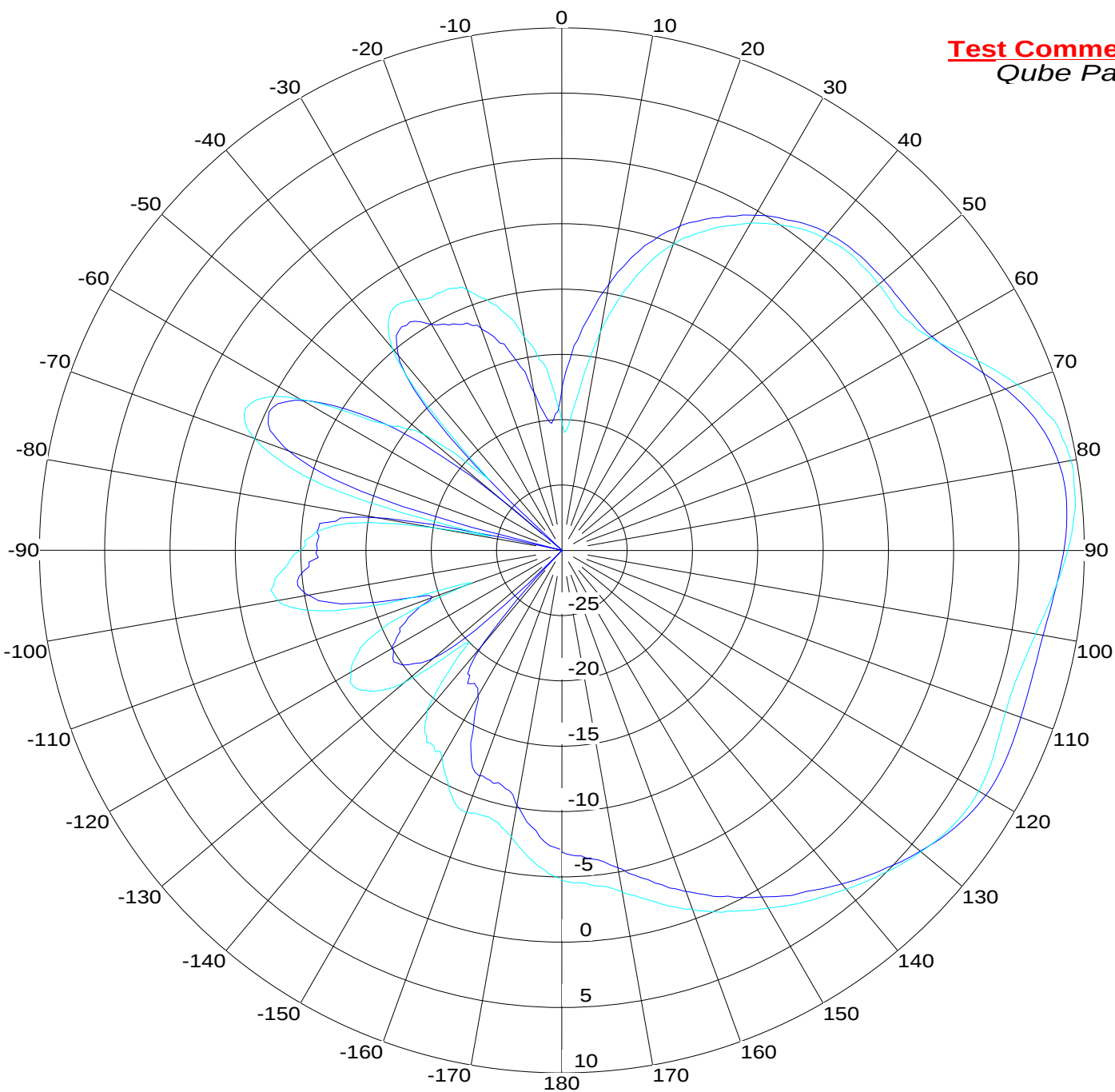
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.565 GHz

Cal. file table channel units

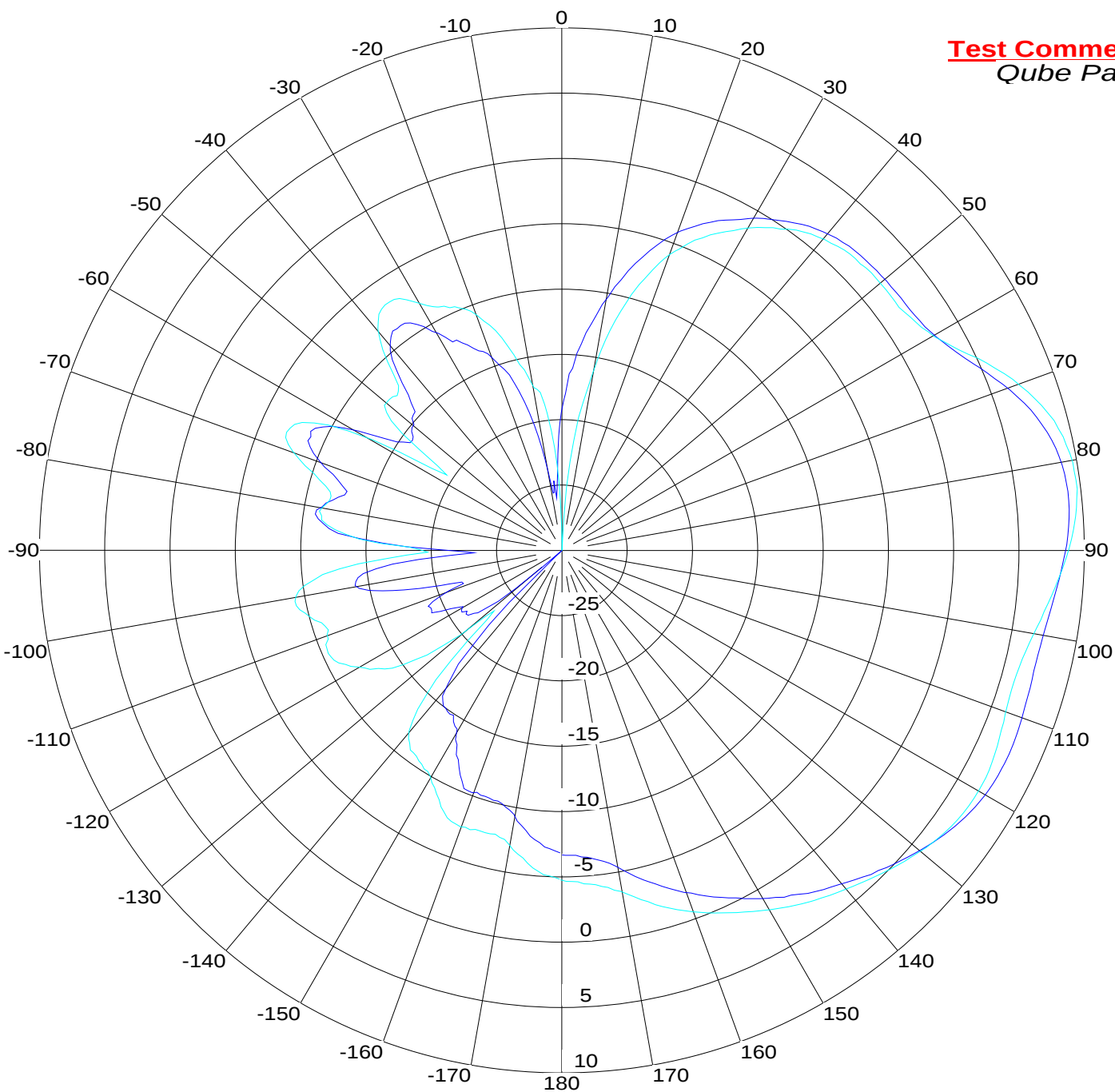
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time: 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.570 GHz

Cal. file table channel units

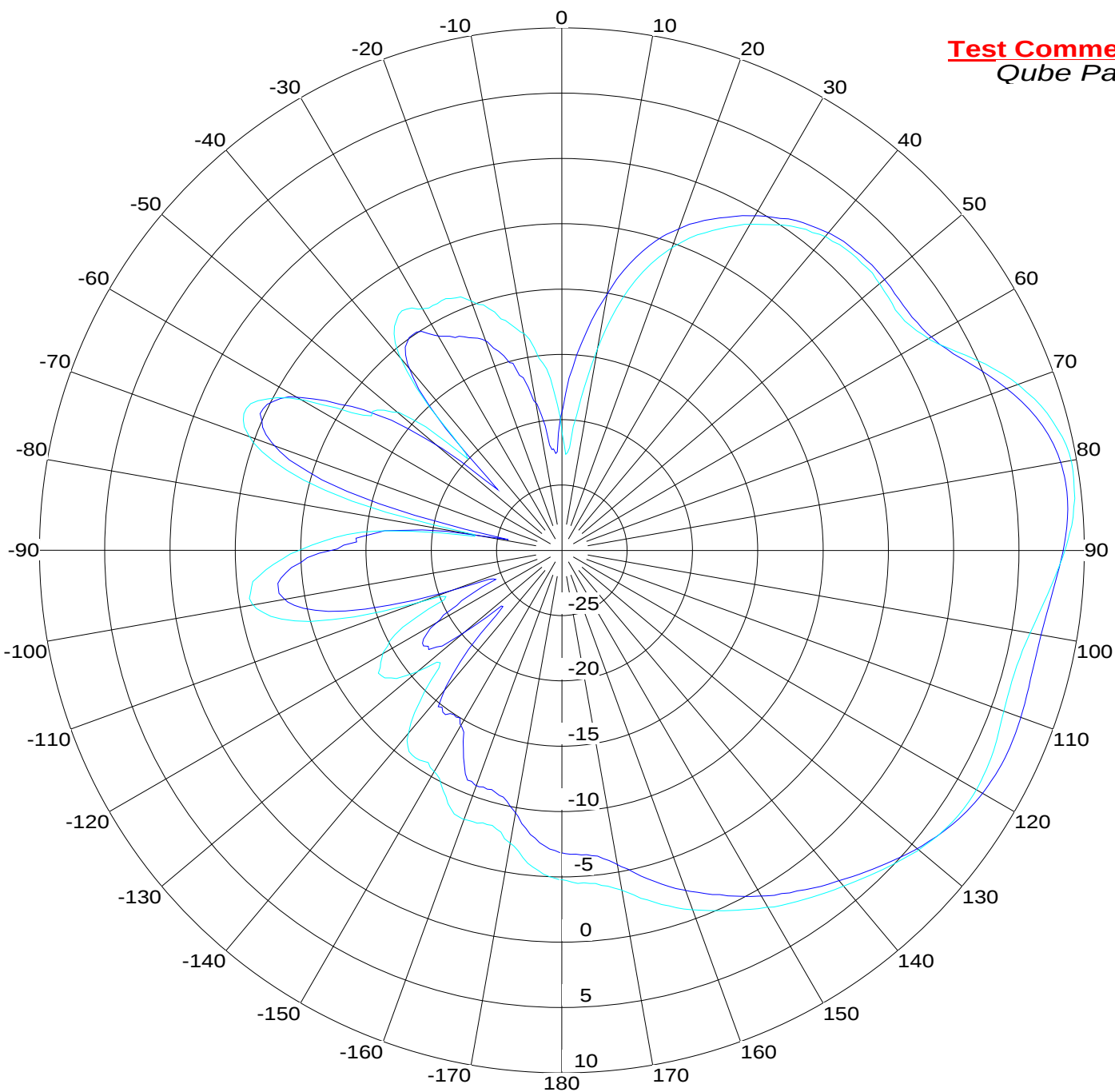
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.575 GHz

Cal. file table channel units

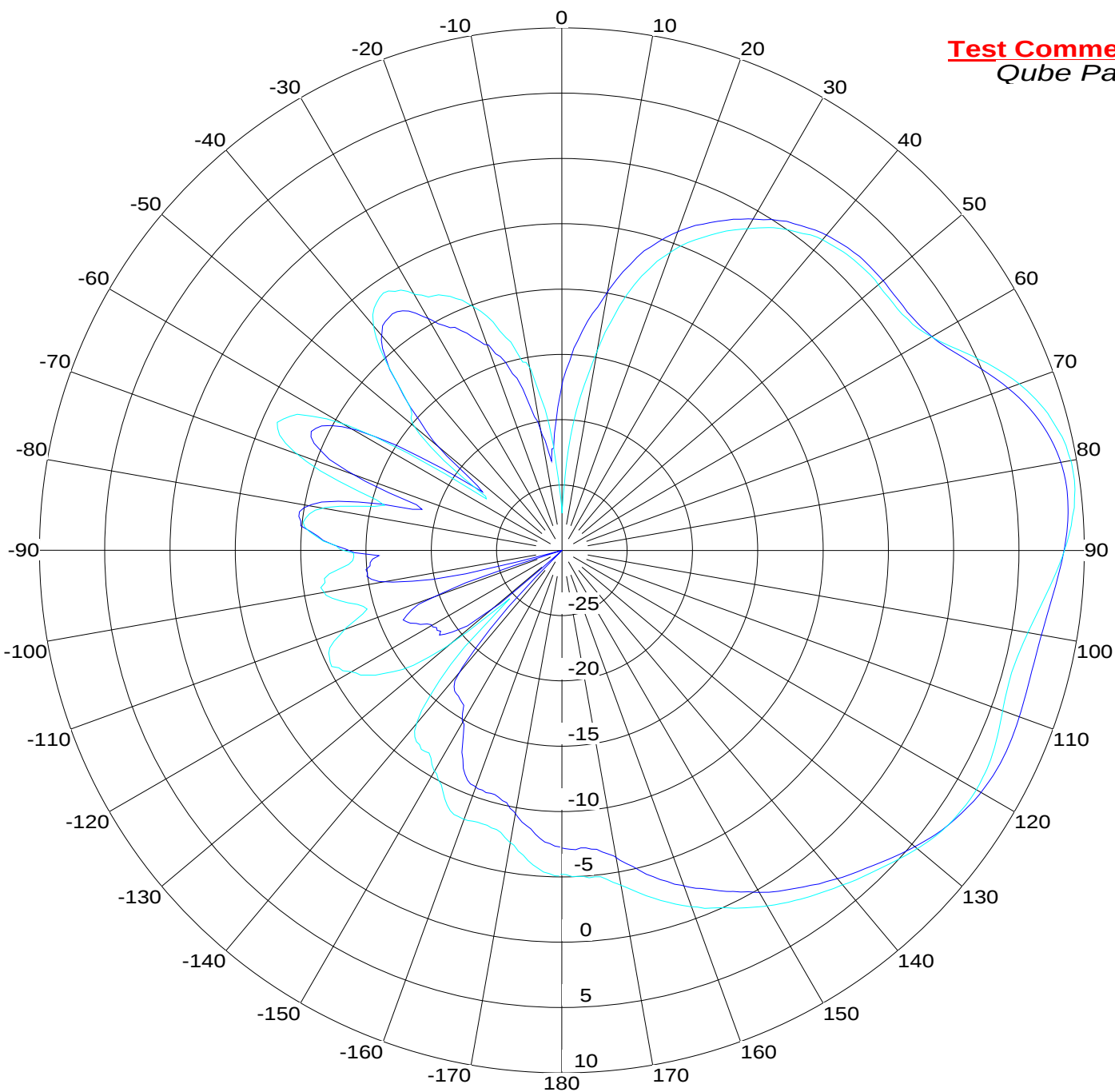
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.580 GHz

Cal. file table channel units

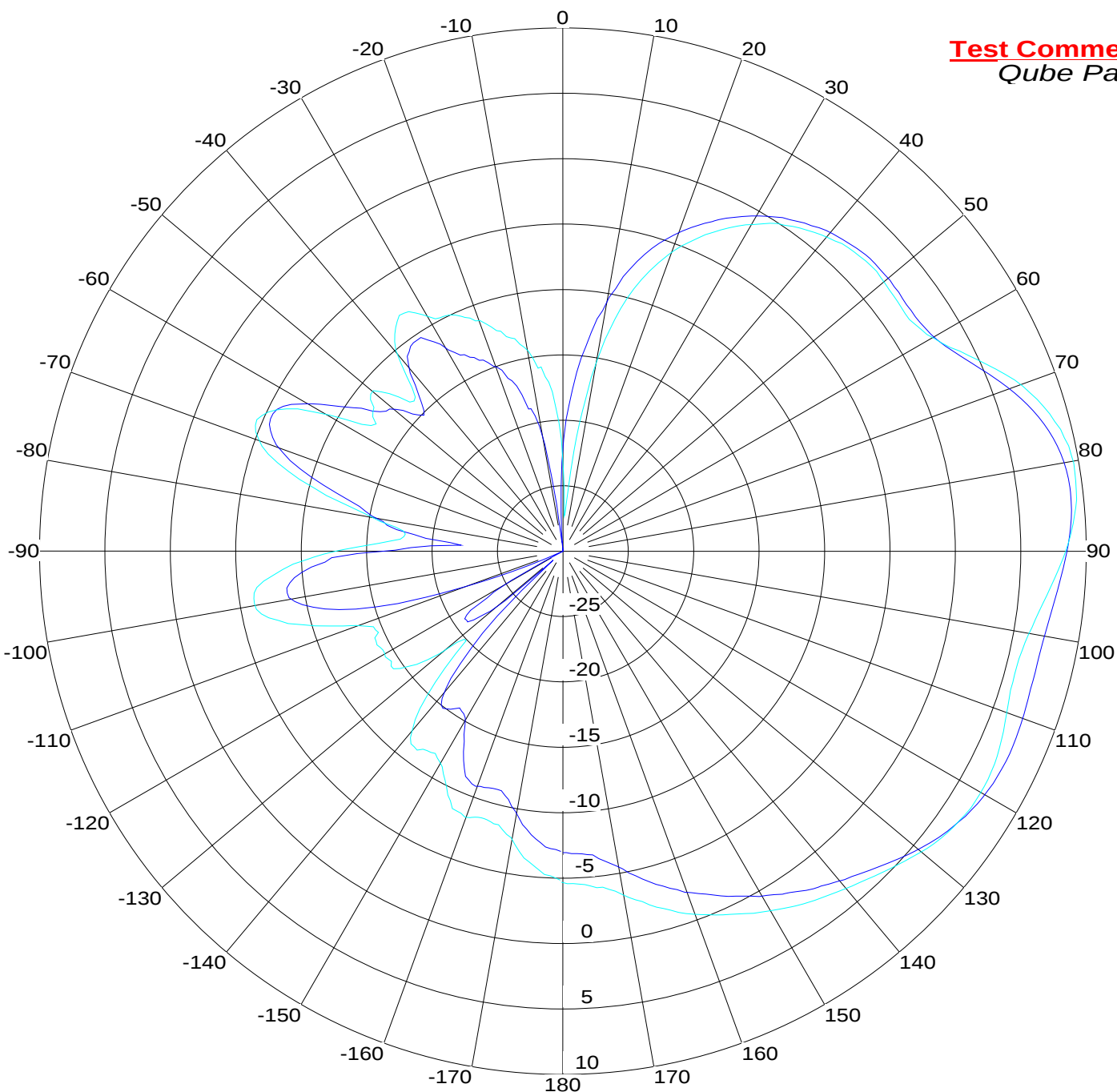
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.585 GHz

Cal. file table channel units

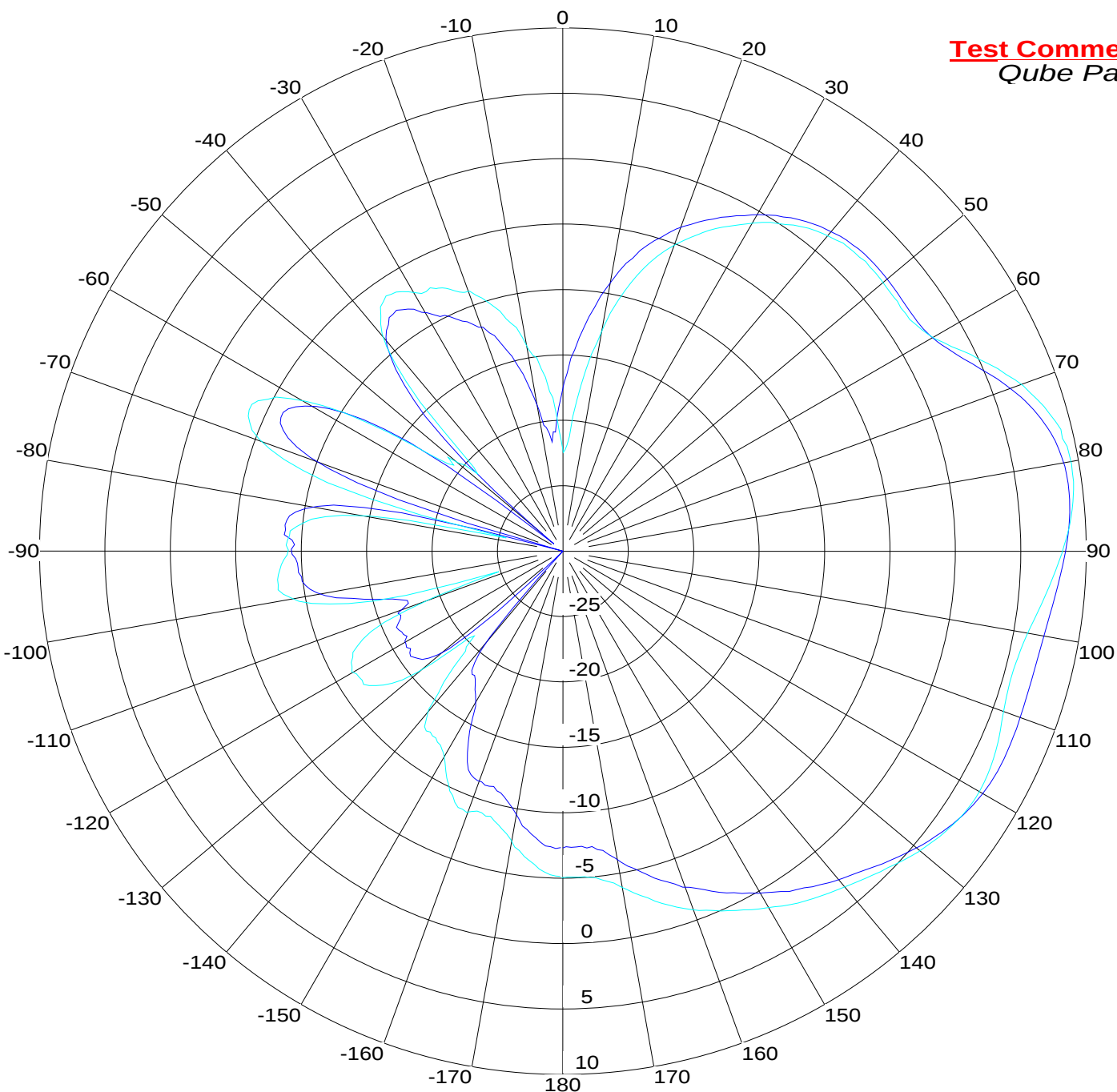
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.590 GHz

Cal. file table channel units

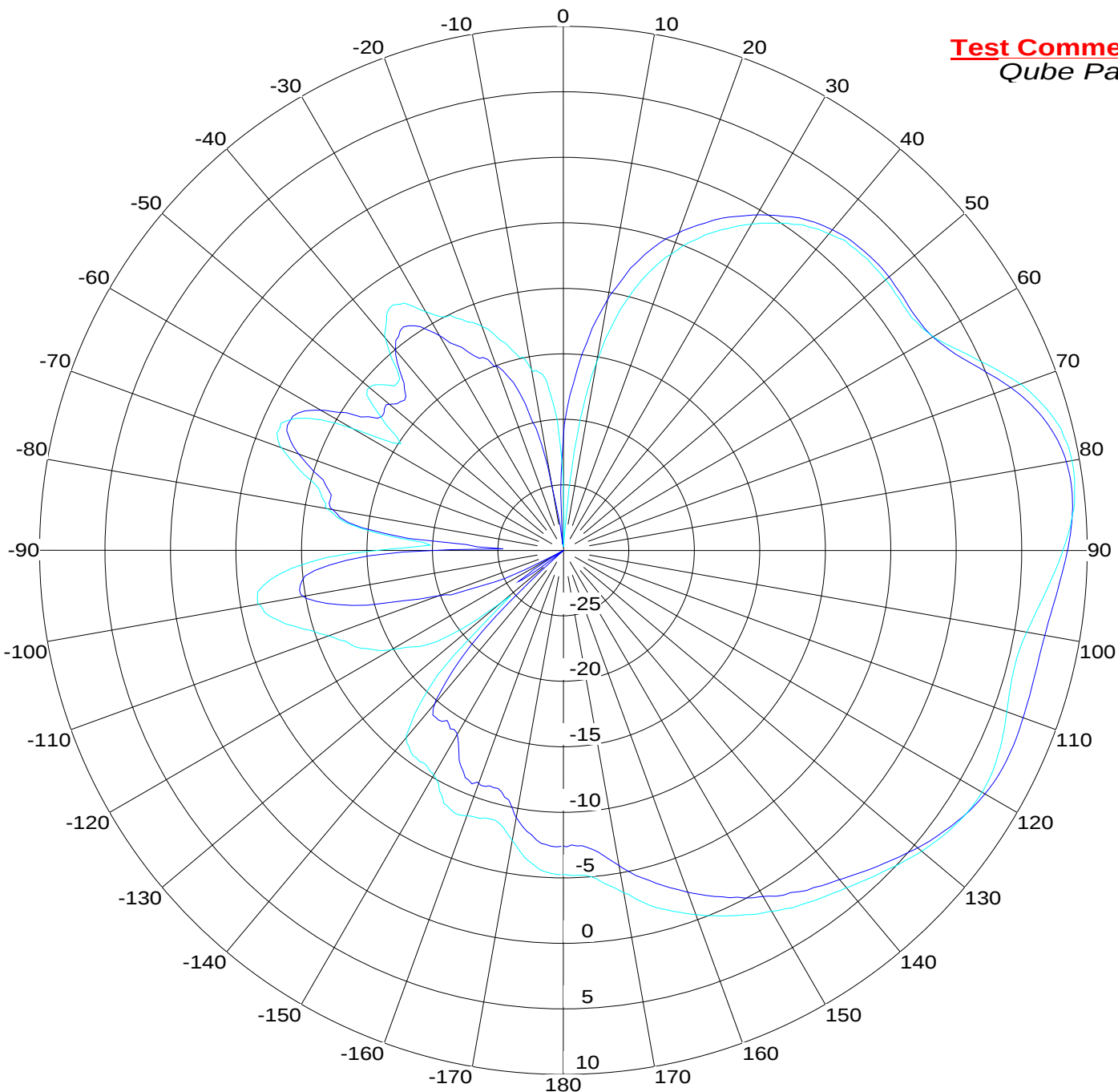
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.595 GHz

Cal. file table channel units

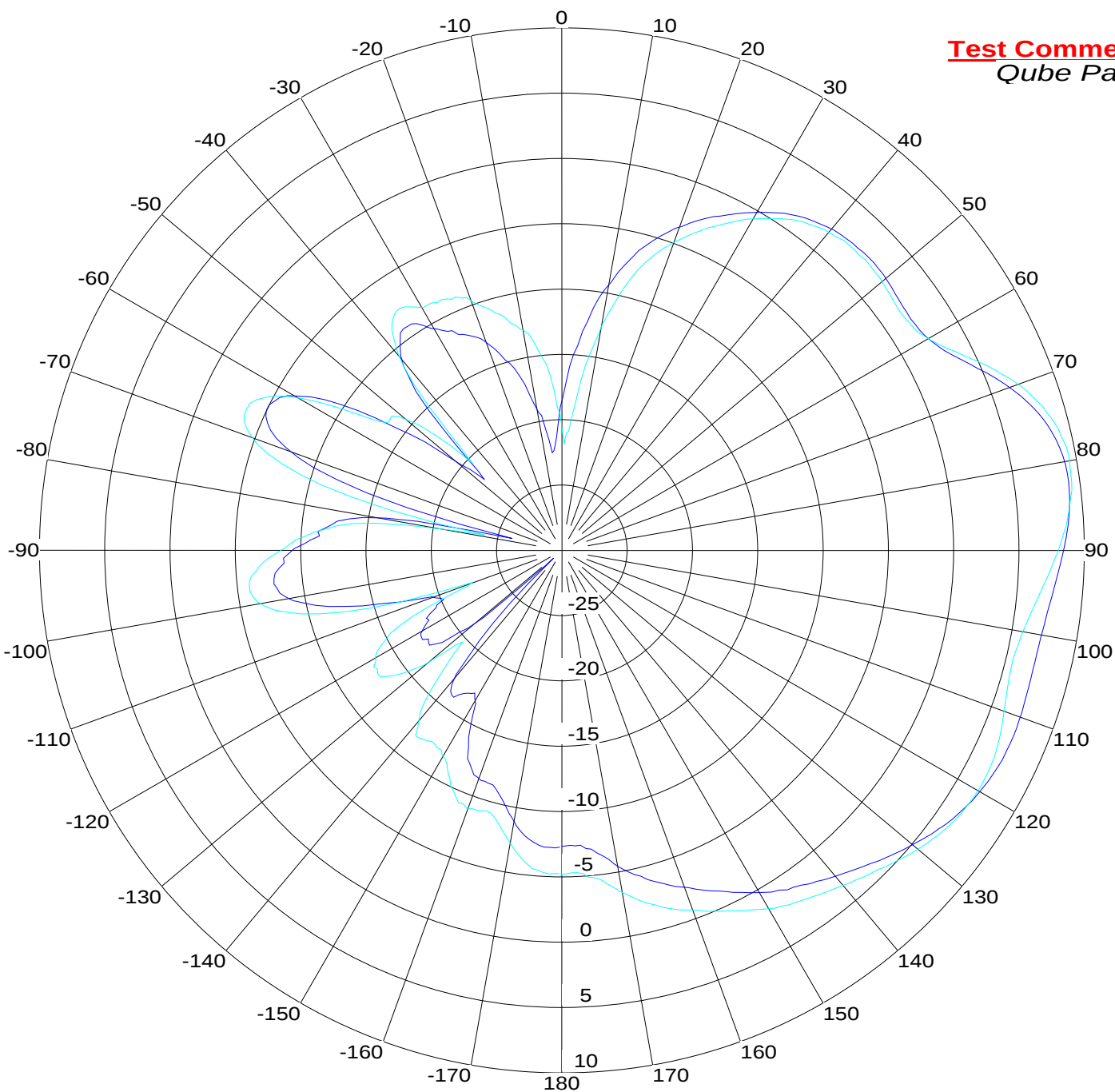
QubePaFR65\Ch1 dBi

QubePaFR65\Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR

Magnitude (dB) vs. Elevation (Degs)

Test Comments:

Qube Patch S/N 1 Elevation

Date: 31-Jan-13

Time 17:03

Operator: PGS

Ser. no.: 1

Channel: Ch1

Tx pol: Vert.

Rx pol: Vert.

Frequency: 2.600 GHz

Cal. file table channel units

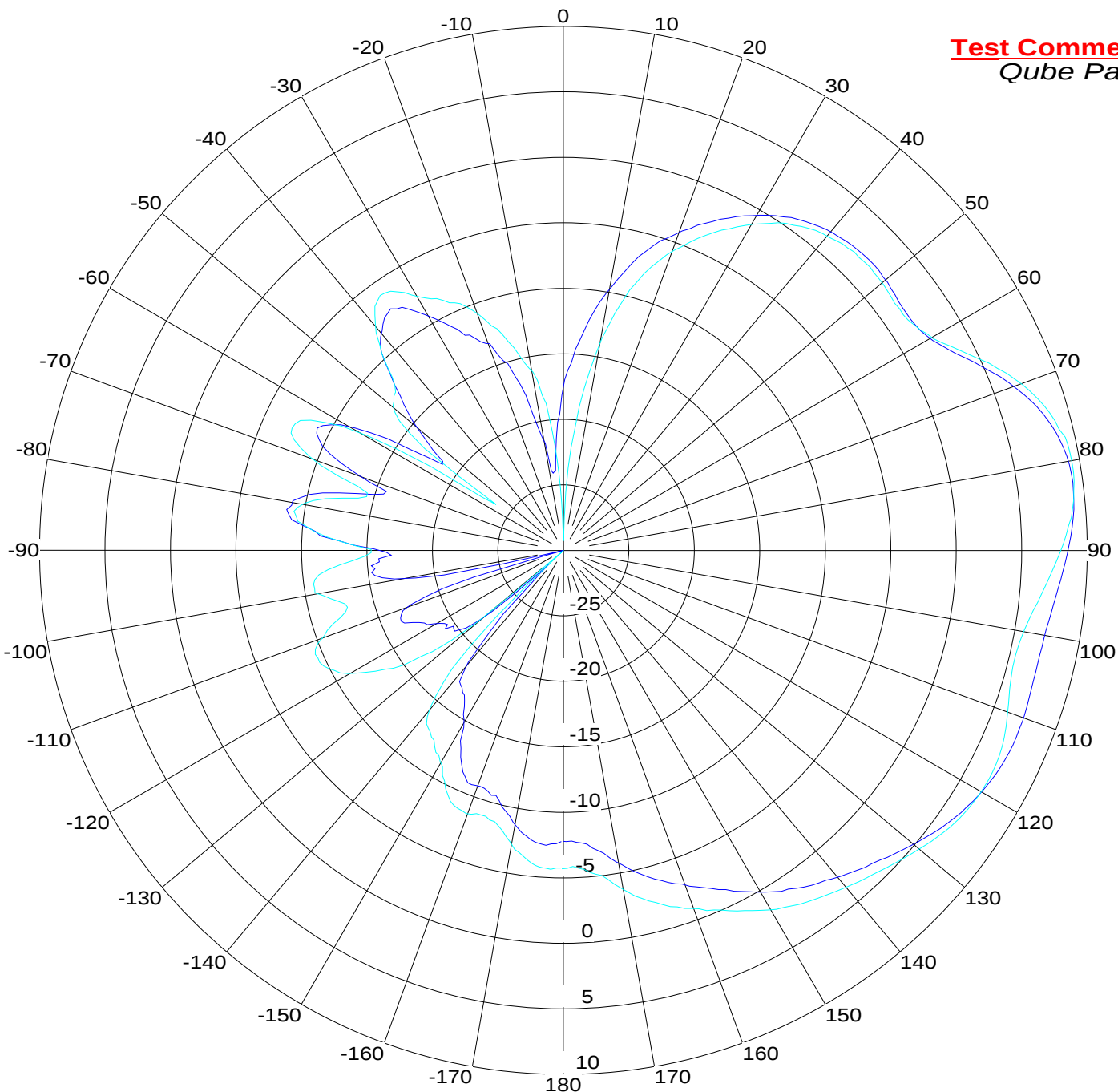
QubePaFR65(Ch1 dBi

QubePaFR65(Ch1 dBi

Overlays

QubePatch1_E —

QubePatch2_E —



959 Spectrum

ORBIT/FR