

DIRECTIONAL ANTENNA TECHNICAL STATEMENT
RADIO STATION WQYZ(FM) OCEAN SPRINGS, MISSISSIPPI

Directional Antenna Composite RMS

From the measured relative field tabulations (horizontal and vertical polarizations) provided within the submitted directional antenna Proof-of-Performance, it is calculated that the measured composite pattern RMS is 0.805 compared to the FCC authorized composite pattern RMS of 0.944. Therefore, the measured composite pattern RMS is 85.3% of the FCC authorized composite pattern.

Principal Community Coverage

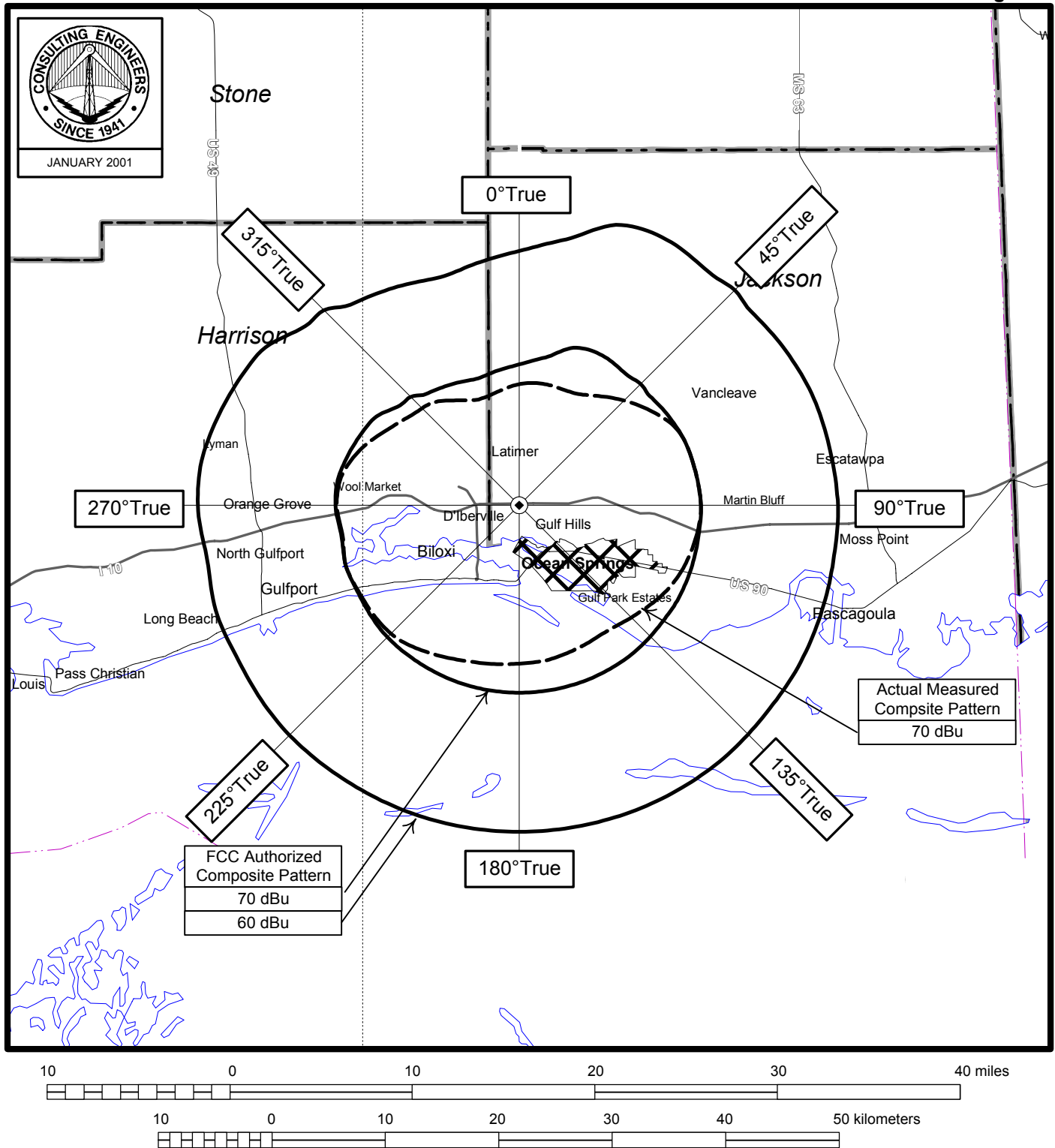
The attached coverage map indicates the predicted 70 dBu coverage employing the actual measured composite pattern. As can be seen, the principal community of Ocean Springs remains entirely encompassed by the 70 dBu contour.

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Figure 1



FCC PREDICTED COVERAGE CONTOURS

RADIO STATION WQYZ(FM)
OCEAN SPRINGS, MISSISSIPPI
CH 223A 6 KW (MAX-DA) 98 M

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