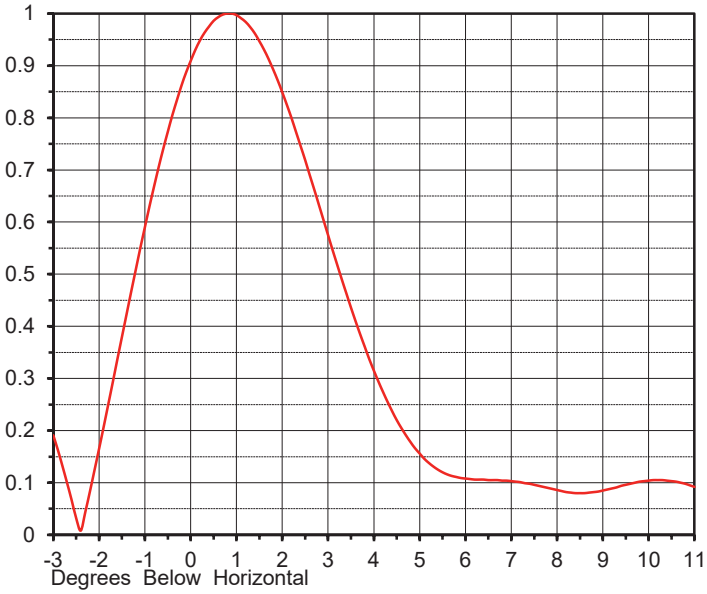
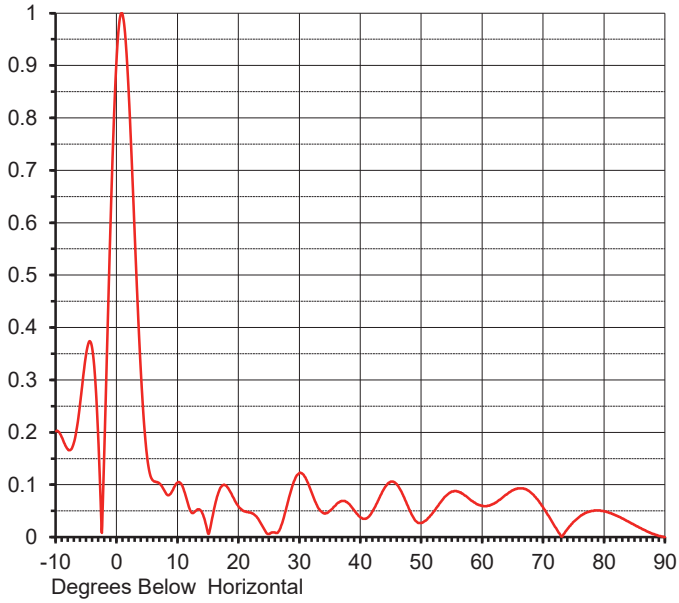
Dielectric®

ELEVATION PATTERN

Proposal No.	**C-70586-1**
Date	**25-Mar-17**
Call Letters	**WEPH**
Channel	**17**
Frequency	**491 MHz**
Antenna Type	**TFU-18DSC-R C250**

RMS Directivity at Main Lobe	**15.0 (11.76 dB)**	Beam Tilt	**0.75 deg**
RMS Directivity at Horizontal	**13.0 (11.14 dB)**	Pattern Number	**18Q150075**
	Calculated		





Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.202	10.0	0.105	30.0	0.123	50.0	0.027	70.0	0.055
-9.0	0.189	11.0	0.088	31.0	0.111	51.0	0.036	71.0	0.037
-8.0	0.166	12.0	0.051	32.0	0.083	52.0	0.049	72.0	0.018
-7.0	0.184	13.0	0.051	33.0	0.056	53.0	0.065	73.0	0.001
-6.0	0.262	14.0	0.045	34.0	0.045	54.0	0.079	74.0	0.017
-5.0	0.355	15.0	0.006	35.0	0.051	55.0	0.087	75.0	0.030
-4.0	0.353	16.0	0.058	36.0	0.063	56.0	0.087	76.0	0.040
-3.0	0.163	17.0	0.095	37.0	0.069	57.0	0.080	77.0	0.047
-2.0	0.207	18.0	0.097	38.0	0.064	58.0	0.071	78.0	0.050
-1.0	0.630	19.0	0.077	39.0	0.050	59.0	0.063	79.0	0.051
0.0	0.930	20.0	0.057	40.0	0.037	60.0	0.060	80.0	0.049
1.0	0.991	21.0	0.049	41.0	0.036	61.0	0.060	81.0	0.046
2.0	0.825	22.0	0.046	42.0	0.051	62.0	0.065	82.0	0.041
3.0	0.546	23.0	0.037	43.0	0.074	63.0	0.073	83.0	0.035
4.0	0.294	24.0	0.018	44.0	0.096	64.0	0.082	84.0	0.029
5.0	0.146	25.0	0.006	45.0	0.106	65.0	0.090	85.0	0.023
6.0	0.107	26.0	0.008	46.0	0.099	66.0	0.093	86.0	0.017
7.0	0.102	27.0	0.024	47.0	0.078	67.0	0.092	87.0	0.011
8.0	0.084	28.0	0.066	48.0	0.052	68.0	0.084	88.0	0.006
9.0	0.087	29.0	0.106	49.0	0.031	69.0	0.072	89.0	0.002
								90.0	0.000

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