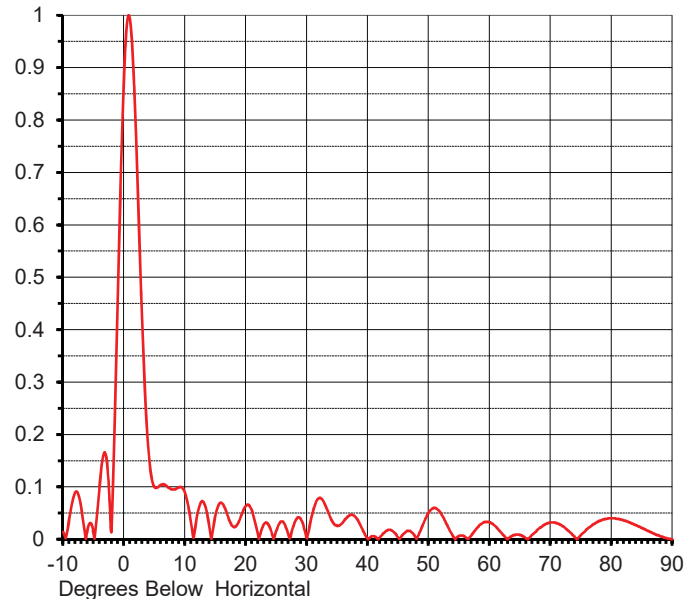
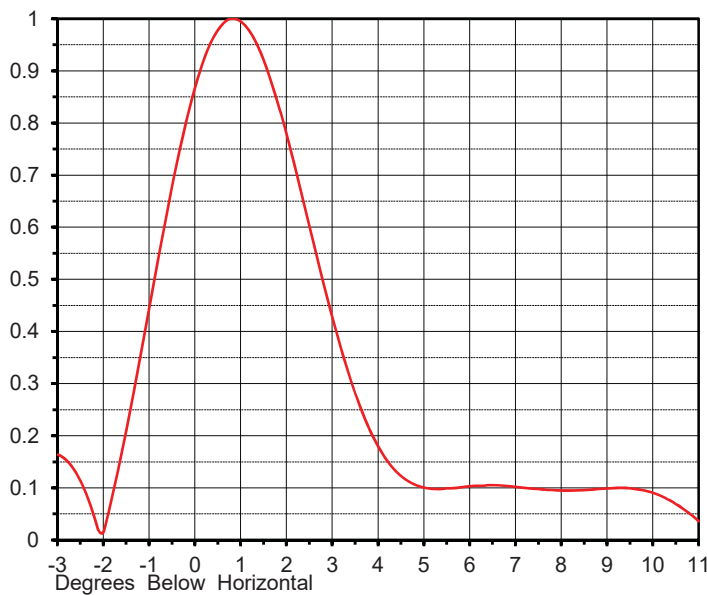


ELEVATION PATTERN

Proposal No. **C-70408-1**
 Date **10-Mar-17**
 Call Letters **WZPX**
 Channel **21**
 Frequency **515 MHz**
 Antenna Type **TFU-24GTH/VP-R 04**

RMS Directivity at Main Lobe **21.5 (13.32 dB)**
 RMS Directivity at Horizontal **16.2 (12.10 dB)**
Calculated

Beam Tilt **0.75 deg**
 Drawing Number **24G215075**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.014	10.0	0.087	30.0	0.002	50.0	0.051	70.0	0.032
-9.0	0.040	11.0	0.029	31.0	0.054	51.0	0.060	71.0	0.031
-8.0	0.090	12.0	0.047	32.0	0.079	52.0	0.049	72.0	0.025
-7.0	0.055	13.0	0.071	33.0	0.065	53.0	0.027	73.0	0.015
-6.0	0.020	14.0	0.022	34.0	0.037	54.0	0.005	74.0	0.003
-5.0	0.009	15.0	0.047	35.0	0.025	55.0	0.007	75.0	0.009
-4.0	0.108	16.0	0.069	36.0	0.034	56.0	0.004	76.0	0.020
-3.0	0.160	17.0	0.044	37.0	0.046	57.0	0.008	77.0	0.029
-2.0	0.048	18.0	0.023	38.0	0.042	58.0	0.023	78.0	0.035
-1.0	0.491	19.0	0.039	39.0	0.021	59.0	0.032	79.0	0.039
0.0	0.896	20.0	0.064	40.0	0.000	60.0	0.032	80.0	0.040
1.0	0.987	21.0	0.053	41.0	0.006	61.0	0.024	81.0	0.039
2.0	0.746	22.0	0.006	42.0	0.004	62.0	0.011	82.0	0.036
3.0	0.396	23.0	0.030	43.0	0.016	63.0	0.001	83.0	0.032
4.0	0.165	24.0	0.019	44.0	0.016	64.0	0.008	84.0	0.027
5.0	0.099	25.0	0.018	45.0	0.003	65.0	0.008	85.0	0.021
6.0	0.104	26.0	0.034	46.0	0.012	66.0	0.001	86.0	0.016
7.0	0.101	27.0	0.006	47.0	0.015	67.0	0.009	87.0	0.010
8.0	0.095	28.0	0.033	48.0	0.001	68.0	0.020	88.0	0.006
9.0	0.099	29.0	0.038	49.0	0.028	69.0	0.028	89.0	0.002
								90.0	0.000

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