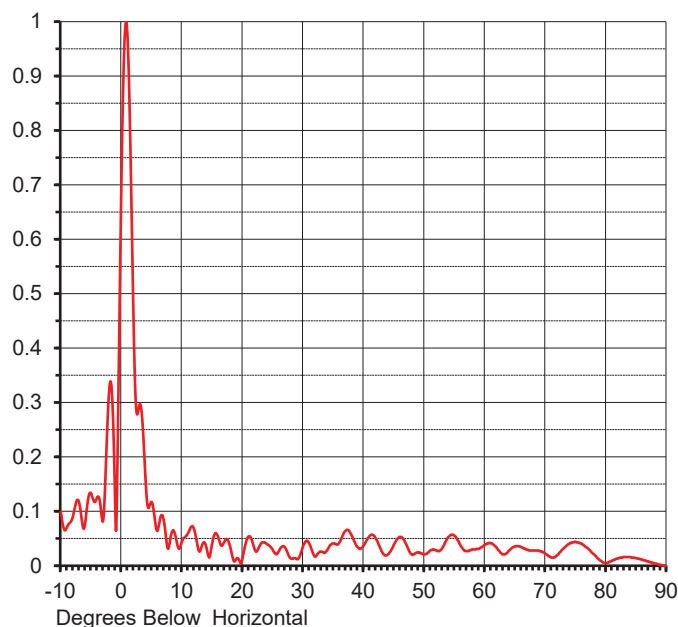
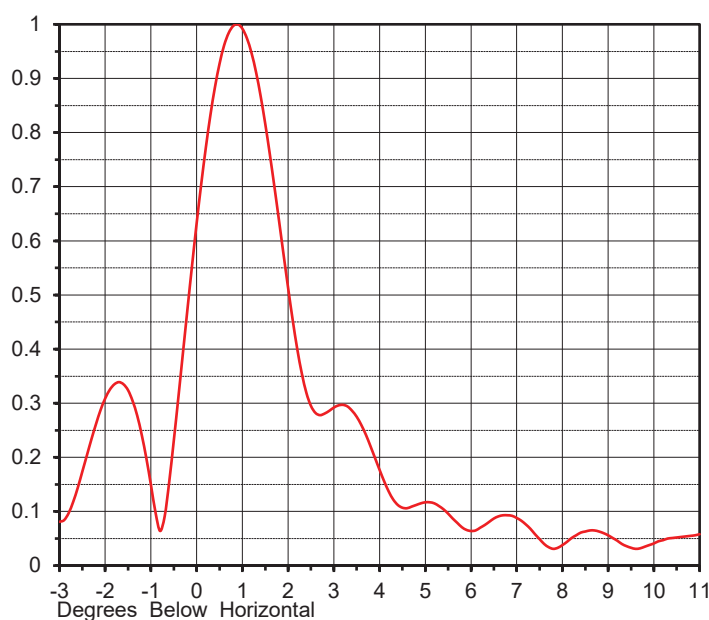


ELEVATION PATTERN

Proposal No. **C-70414**
 Date **13-Mar-17**
 Call Letters **WGPU**
 Channel **22**
 Frequency **521 MHz**
 Antenna Type **TFU-32JSC B**

RMS Directivity at Main Lobe **31.5 (14.98 dB)**
 RMS Directivity at Horizontal **12.6 (11.00 dB)**
Calculated

Beam Tilt **0.75 deg**
 Drawing Number **75**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.099	10.0	0.045	30.0	0.036	50.0	0.021	70.0	0.022
-9.0	0.071	11.0	0.060	31.0	0.041	51.0	0.028	71.0	0.015
-8.0	0.091	12.0	0.067	32.0	0.017	52.0	0.028	72.0	0.020
-7.0	0.117	13.0	0.027	33.0	0.026	53.0	0.033	73.0	0.032
-6.0	0.077	14.0	0.035	34.0	0.029	54.0	0.053	74.0	0.041
-5.0	0.133	15.0	0.042	35.0	0.041	55.0	0.055	75.0	0.044
-4.0	0.126	16.0	0.052	36.0	0.043	56.0	0.037	76.0	0.040
-3.0	0.084	17.0	0.044	37.0	0.064	57.0	0.027	77.0	0.032
-2.0	0.325	18.0	0.033	38.0	0.056	58.0	0.030	78.0	0.021
-1.0	0.098	19.0	0.013	39.0	0.034	59.0	0.031	79.0	0.010
0.0	0.705	20.0	0.014	40.0	0.037	60.0	0.038	80.0	0.005
1.0	0.974	21.0	0.054	41.0	0.055	61.0	0.041	81.0	0.009
2.0	0.454	22.0	0.030	42.0	0.050	62.0	0.032	82.0	0.014
3.0	0.296	23.0	0.040	43.0	0.026	63.0	0.021	83.0	0.016
4.0	0.156	24.0	0.040	44.0	0.021	64.0	0.028	84.0	0.016
5.0	0.117	25.0	0.029	45.0	0.039	65.0	0.036	85.0	0.014
6.0	0.065	26.0	0.027	46.0	0.053	66.0	0.034	86.0	0.011
7.0	0.083	27.0	0.034	47.0	0.040	67.0	0.029	87.0	0.008
8.0	0.044	28.0	0.013	48.0	0.021	68.0	0.028	88.0	0.004
9.0	0.051	29.0	0.012	49.0	0.025	69.0	0.027	89.0	0.002
								90.0	0.000

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