

ELEVATION PATTERN

Exhibit No.

Date **22 Jun 2017**

Call Letters

Channel **30**

Antenna Type **TFU-30GTH 04**

Location

Customer

Future fill is available!

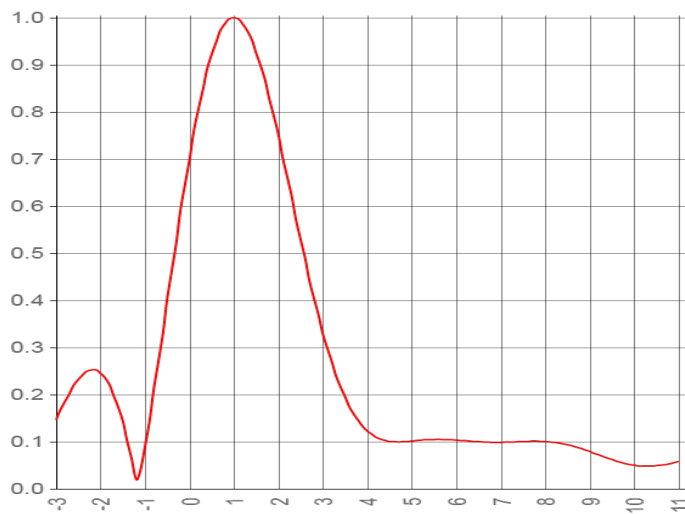
RMS Gain at Main Lobe **26.0 (14.15 dB)**

RMS Gain at Horizontal **12.9 (11.10 dB)**

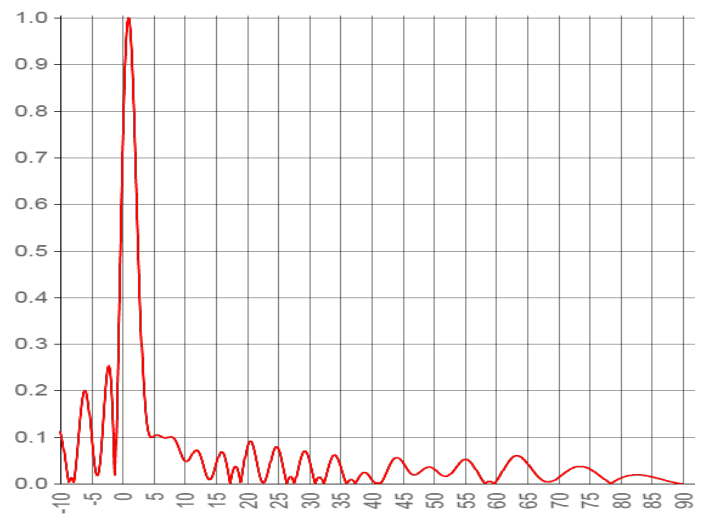
Calculated

Beam Tilt **1 Degrees**

Drawing # **30G260100**



Degrees below horizontal



Degrees below horizontal

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10	0.113	10	0.050	30	0.052	50	0.032	70	0.013
-9	0.033	11	0.058	31	0.001	51	0.021	71	0.023
-8	0.009	12	0.072	32	0.010	52	0.016	72	0.032
-7	0.104	13	0.040	33	0.032	53	0.025	73	0.037
-6	0.200	14	0.009	34	0.061	54	0.042	74	0.037
-5	0.108	15	0.038	35	0.040	55	0.052	75	0.032
-4	0.018	16	0.068	36	0.001	56	0.045	76	0.024
-3	0.146	17	0.023	37	0.007	57	0.025	77	0.014
-2	0.246	18	0.035	38	0.014	58	0.004	78	0.004
-1	0.089	19	0.003	39	0.024	59	0.005	79	0.005
0	0.704	20	0.076	40	0.010	60	0.004	80	0.012
1	1.000	21	0.081	41	0.002	61	0.025	81	0.016
2	0.749	22	0.021	42	0.012	62	0.047	82	0.019
3	0.331	23	0.007	43	0.041	63	0.059	83	0.019
4	0.122	24	0.058	44	0.056	64	0.057	84	0.017
5	0.101	25	0.076	45	0.046	65	0.044	85	0.015
6	0.103	26	0.024	46	0.026	66	0.027	86	0.011
7	0.098	27	0.015	47	0.019	67	0.012	87	0.008
8	0.100	28	0.019	48	0.027	68	0.004	88	0.004
9	0.079	29	0.067	49	0.035	69	0.005	89	0.002

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