

## ELEVATION PATTERN

Exhibit No.

Date

30 Nov 2017

Call Letters

Channel

34

Antenna Type

TFU-30DSC O4A

Location

Customer

**Future fill is available!**

RMS Gain at Main Lobe

25.5 (14.07 dB)

RMS Gain at Horizontal

11.3 (10.55 dB)

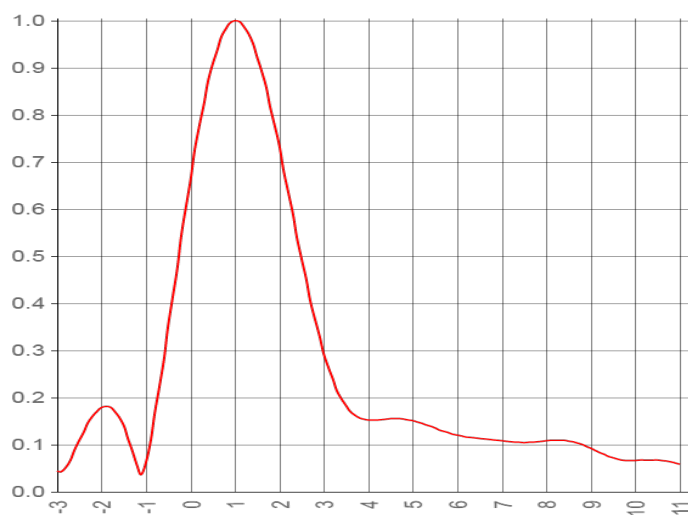
Calculated

Beam Tilt

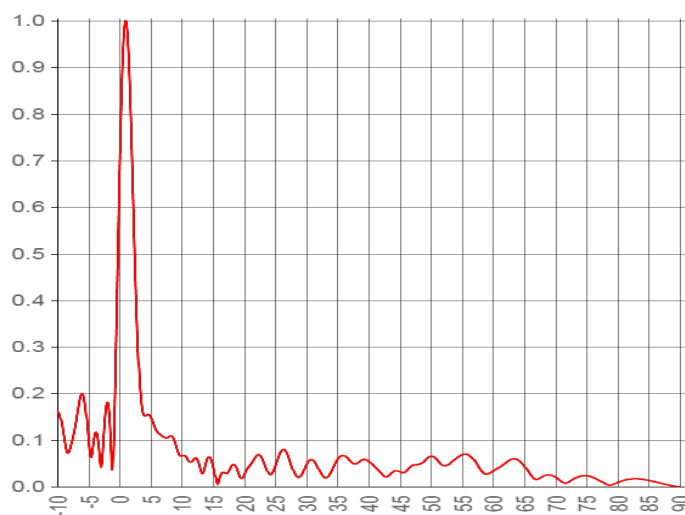
1 Degrees

Drawing #

30Q255100



Degrees below horizontal



Degrees below horizontal

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10	0.161	10	0.066	30	0.046	50	0.065	70	0.020
-9	0.115	11	0.058	31	0.058	51	0.058	71	0.011
-8	0.078	12	0.060	32	0.038	52	0.046	72	0.009
-7	0.135	13	0.038	33	0.019	53	0.049	73	0.017
-6	0.200	14	0.055	34	0.032	54	0.060	74	0.023
-5	0.106	15	0.048	35	0.058	55	0.068	75	0.024
-4	0.109	16	0.016	36	0.067	56	0.069	76	0.020
-3	0.044	17	0.029	37	0.056	57	0.056	77	0.014
-2	0.178	18	0.044	38	0.049	58	0.036	78	0.007
-1	0.062	19	0.035	39	0.057	59	0.027	79	0.004
0	0.667	20	0.025	40	0.055	60	0.033	80	0.009
1	1.000	21	0.046	41	0.043	61	0.041	81	0.014
2	0.731	22	0.066	42	0.030	62	0.051	82	0.016
3	0.294	23	0.059	43	0.021	63	0.059	83	0.017
4	0.152	24	0.028	44	0.032	64	0.058	84	0.016
5	0.151	25	0.043	45	0.032	65	0.045	85	0.014
6	0.120	26	0.076	46	0.033	66	0.026	86	0.011
7	0.108	27	0.070	47	0.045	67	0.015	87	0.007
8	0.108	28	0.033	48	0.048	68	0.022	88	0.004
9	0.092	29	0.022	49	0.056	69	0.025	89	0.002

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