

ELEVATION PATTERN

Exhibit No.

Date

31 Oct 2017

Call Letters

WCCU 36

Channel

36

Antenna Type

TFU-10DSC O3

Location

Urbana, IL

Customer

Future fill is available!

RMS Gain at Main Lobe

9.5 (9.78 dB)

RMS Gain at Horizontal

8.4 (9.22 dB)

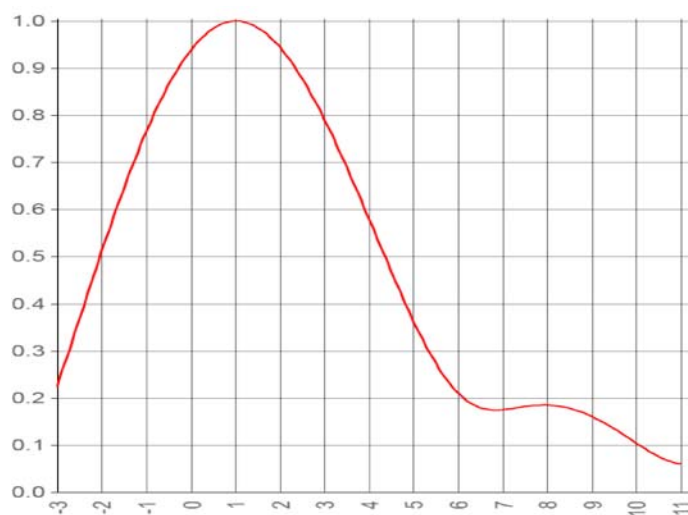
Calculated

Beam Tilt

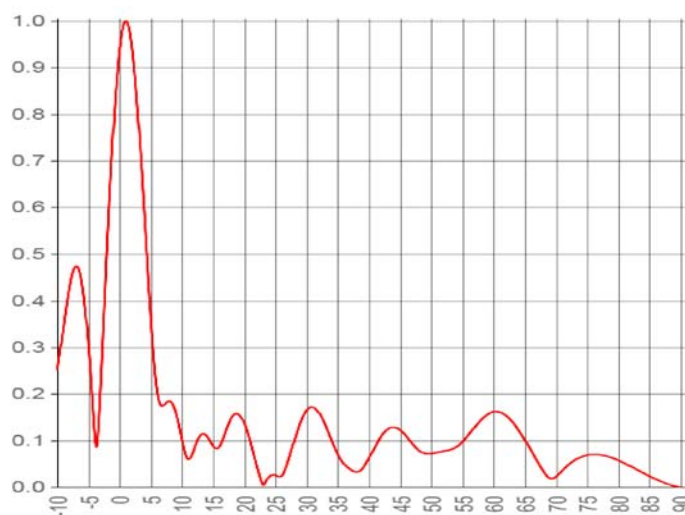
1 Degrees

Drawing #

10Q095100



Degrees below horizontal



Degrees below horizontal

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10	0.251	10	0.104	30	0.165	50	0.072	70	0.023
-9	0.344	11	0.060	31	0.171	51	0.075	71	0.036
-8	0.432	12	0.084	32	0.159	52	0.077	72	0.048
-7	0.473	13	0.112	33	0.133	53	0.080	73	0.058
-6	0.436	14	0.110	34	0.100	54	0.086	74	0.065
-5	0.307	15	0.089	35	0.071	55	0.098	75	0.069
-4	0.114	16	0.087	36	0.050	56	0.113	76	0.070
-3	0.224	17	0.119	37	0.038	57	0.130	77	0.070
-2	0.509	18	0.150	38	0.032	58	0.145	78	0.067
-1	0.764	19	0.157	39	0.040	59	0.156	79	0.063
0	0.938	20	0.137	40	0.062	60	0.162	80	0.057
1	1.000	21	0.096	41	0.087	61	0.161	81	0.051
2	0.945	22	0.046	42	0.110	62	0.153	82	0.044
3	0.791	23	0.005	43	0.124	63	0.140	83	0.037
4	0.579	24	0.022	44	0.128	64	0.122	84	0.030
5	0.364	25	0.026	45	0.122	65	0.101	85	0.023
6	0.211	26	0.024	46	0.109	66	0.078	86	0.017
7	0.175	27	0.054	47	0.093	67	0.055	87	0.011
8	0.185	28	0.099	48	0.079	68	0.034	88	0.006
9	0.161	29	0.139	49	0.072	69	0.019	89	0.002

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