

ELEVATION PATTERN

Exhibit No.

Date

22 Oct 2017

Call Letters

WRSP-TV

Channel

16

Antenna Type

TFU-24GTH TFU

Location

Champaign IL

Customer

Future fill is available!

RMS Gain at Main Lobe

21.5 (13.32 dB)

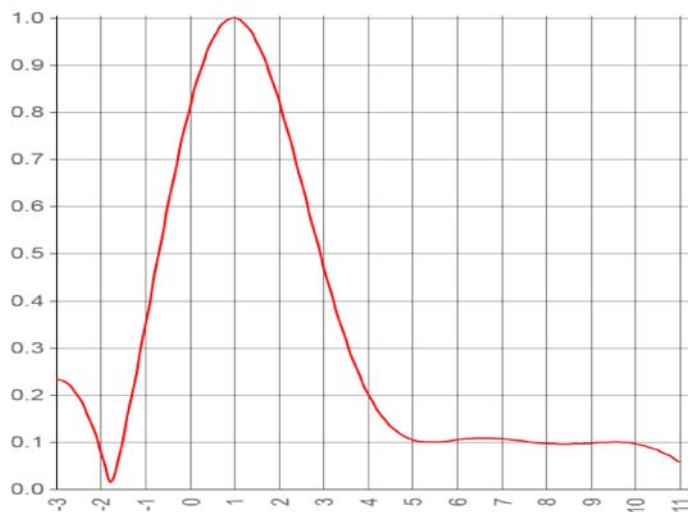
RMS Gain at Horizontal

14.1 (11.49 dB)
Calculated

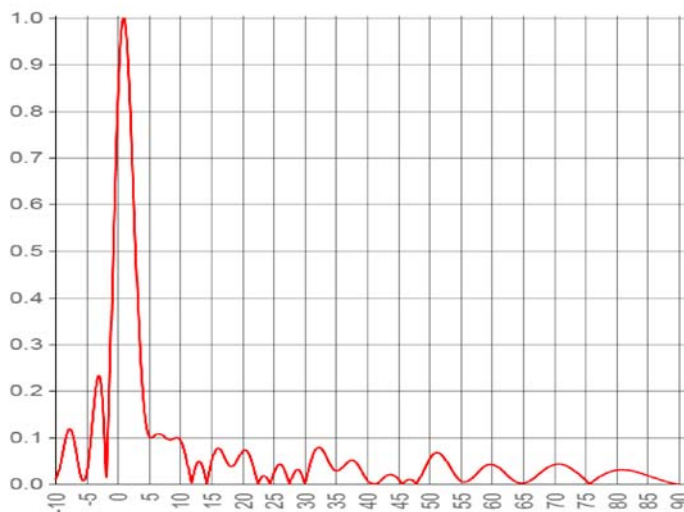
Beam Tilt

1 Degrees

Drawing #

24G215100


Degrees below horizontal



Degrees below horizontal

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10	0.010	10	0.096	30	0.002	50	0.053	70	0.042
-9	0.054	11	0.057	31	0.048	51	0.067	71	0.043
-8	0.113	12	0.011	32	0.077	52	0.062	72	0.039
-7	0.097	13	0.049	33	0.070	53	0.044	73	0.031
-6	0.025	14	0.020	34	0.044	54	0.022	74	0.021
-5	0.022	15	0.043	35	0.029	55	0.007	75	0.009
-4	0.139	16	0.077	36	0.035	56	0.005	76	0.003
-3	0.233	17	0.062	37	0.048	57	0.015	77	0.013
-2	0.083	18	0.039	38	0.049	58	0.028	78	0.021
-1	0.346	19	0.046	39	0.032	59	0.039	79	0.027
0	0.810	20	0.069	40	0.010	60	0.042	80	0.030
1	1.000	21	0.066	41	0.001	61	0.037	81	0.031
2	0.825	22	0.026	42	0.005	62	0.025	82	0.029
3	0.474	23	0.012	43	0.017	63	0.013	83	0.027
4	0.202	24	0.011	44	0.020	64	0.004	84	0.023
5	0.105	25	0.022	45	0.011	65	0.002	85	0.019
6	0.105	26	0.043	46	0.004	66	0.006	86	0.014
7	0.107	27	0.024	47	0.010	67	0.015	87	0.009
8	0.097	28	0.015	48	0.002	68	0.026	88	0.005
9	0.097	29	0.031	49	0.027	69	0.036	89	0.002

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