

ELEVATION PATTERN

Exhibit No.

Date

5 Apr 2018

Call Letters

KKTM

Channel

21

Antenna Type

TLP-8A/VP

Location

Customer

Raycom

RMS Gain at Main Lobe

8.0 (9.03 dB)

Beam Tilt

1.5 Degrees

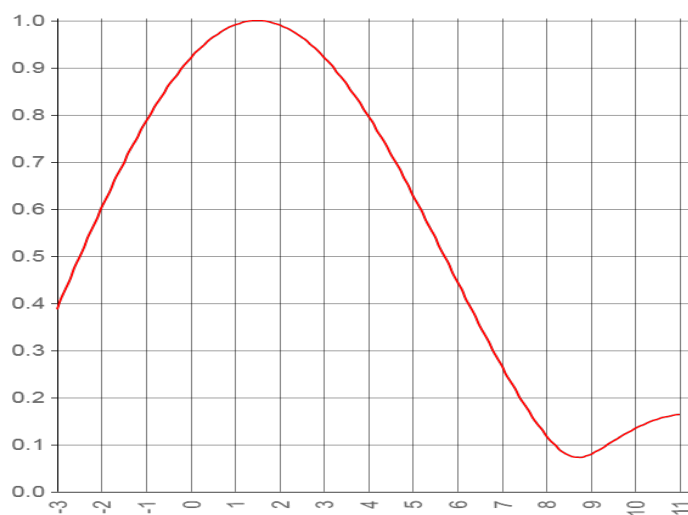
RMS Gain at Horizontal

6.8 (8.32 dB)

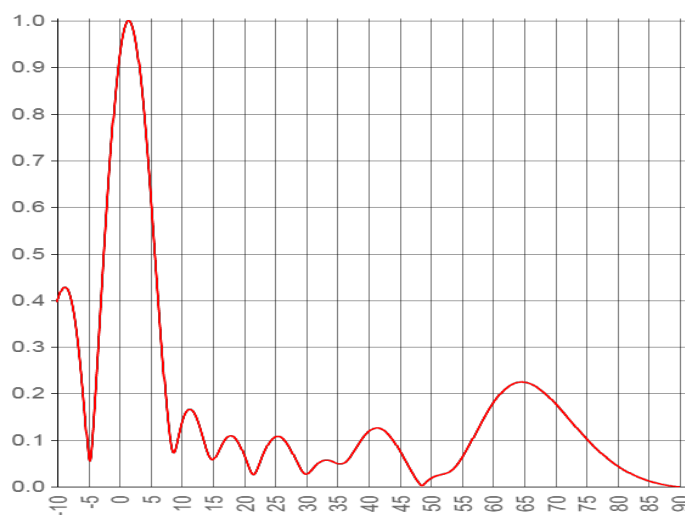
Drawing #

08L080150

Calculated



Degrees below horizontal



Degrees below horizontal

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10	0.396	10	0.134	30	0.027	50	0.018	70	0.179
-9	0.427	11	0.164	31	0.037	51	0.024	71	0.164
-8	0.413	12	0.158	32	0.051	52	0.027	72	0.148
-7	0.346	13	0.124	33	0.057	53	0.032	73	0.133
-6	0.225	14	0.080	34	0.055	54	0.044	74	0.118
-5	0.072	15	0.058	35	0.050	55	0.062	75	0.103
-4	0.169	16	0.078	36	0.050	56	0.085	76	0.089
-3	0.387	17	0.102	37	0.063	57	0.109	77	0.077
-2	0.601	18	0.109	38	0.083	58	0.134	78	0.065
-1	0.786	19	0.097	39	0.103	59	0.158	79	0.054
0	0.921	20	0.069	40	0.118	60	0.179	80	0.045
1	0.991	21	0.035	41	0.125	61	0.197	81	0.036
2	0.991	22	0.033	42	0.124	62	0.210	82	0.029
3	0.923	23	0.066	43	0.115	63	0.219	83	0.023
4	0.797	24	0.093	44	0.099	64	0.224	84	0.017
5	0.631	25	0.107	45	0.078	65	0.224	85	0.013
6	0.446	26	0.106	46	0.054	66	0.221	86	0.009
7	0.266	27	0.091	47	0.031	67	0.214	87	0.005
8	0.119	28	0.067	48	0.011	68	0.204	88	0.003
9	0.079	29	0.041	49	0.007	69	0.192	89	0.001

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