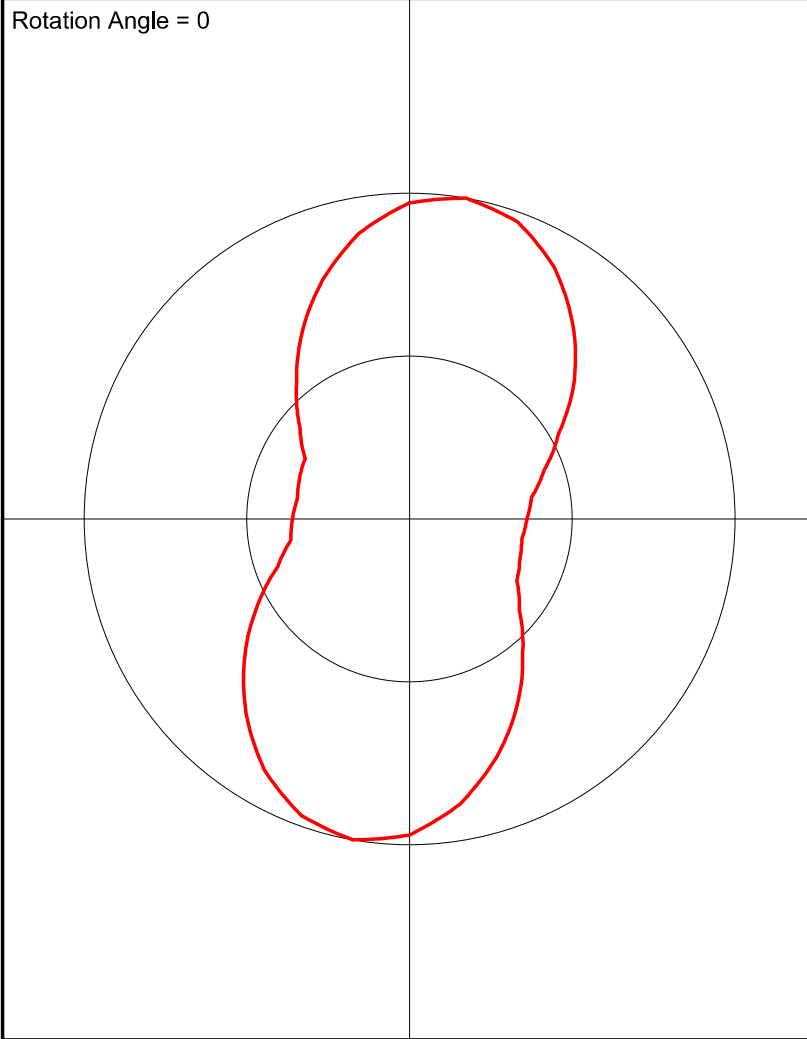


WLFB DIE TFU-26DSCTFU HORIZONTAL Antenna Pattern
HORIZONTAL FIELD Antenna Pattern....

Azimuth (deg)	Relative Field
0.0	0.97
10.0	1.0
20.0	0.97
30.0	0.89
40.0	0.78
50.0	0.66
60.0	0.53
70.0	0.44
80.0	0.38
90.0	0.36
100.0	0.35
110.0	0.36
120.0	0.38
130.0	0.44
140.0	0.54
150.0	0.66
160.0	0.78
170.0	0.89
180.0	0.97
190.0	1.0
200.0	0.97
210.0	0.89
220.0	0.78
230.0	0.66
240.0	0.54
250.0	0.43
260.0	0.37
270.0	0.36
280.0	0.35
290.0	0.36
300.0	0.37
310.0	0.44
320.0	0.54
330.0	0.66
340.0	0.78
350.0	0.89



ELEVATION PATTERN

Exhibit No.

Date

June 2017

Call Letters

WLFB

Channel

25

Antenna Type

TFU-26DSC P230MOD

Location

BLUEFIELD, WV

Customer

RMS Gain at Main Lobe

22.5 (13.52 dB)

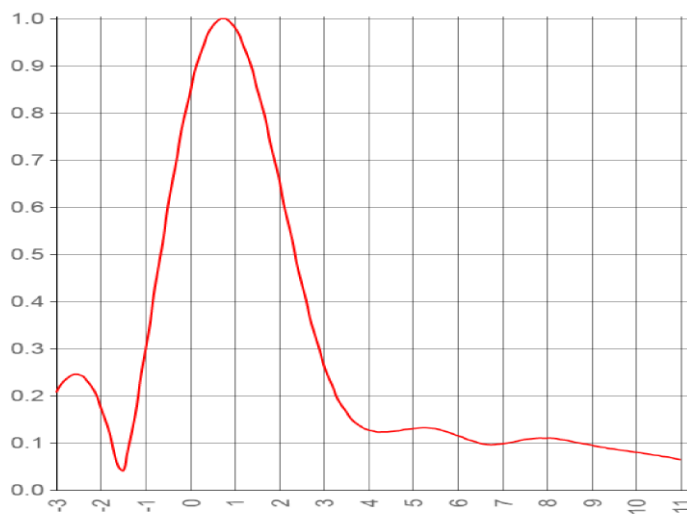
Beam Tilt

0.75 Degrees

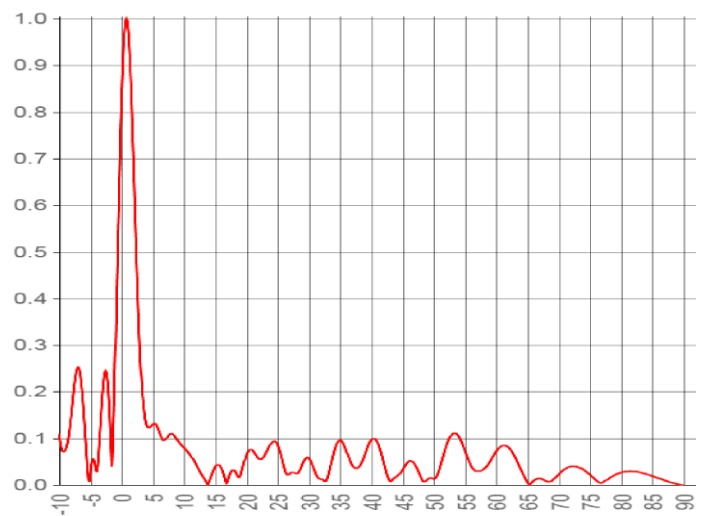
RMS Gain at Horizontal

16.1 (12.07 dB)

Drawing #

26Q225075
Calculated


Degrees below horizontal



Degrees below horizontal

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10	0.110	10	0.080	30	0.057	50	0.013	70	0.024
-9	0.077	11	0.064	31	0.028	51	0.040	71	0.035
-8	0.163	12	0.041	32	0.012	52	0.084	72	0.040
-7	0.253	13	0.018	33	0.019	53	0.110	73	0.039
-6	0.146	14	0.007	34	0.071	54	0.103	74	0.032
-5	0.034	15	0.039	35	0.096	55	0.072	75	0.022
-4	0.029	16	0.034	36	0.072	56	0.040	76	0.010
-3	0.207	17	0.011	37	0.040	57	0.030	77	0.005
-2	0.178	18	0.032	38	0.039	58	0.035	78	0.014
-1	0.295	19	0.019	39	0.067	59	0.051	79	0.022
0	0.846	20	0.066	40	0.097	60	0.072	80	0.027
1	0.983	21	0.074	41	0.089	61	0.084	81	0.029
2	0.656	22	0.056	42	0.045	62	0.080	82	0.029
3	0.267	23	0.066	43	0.008	63	0.059	83	0.027
4	0.127	24	0.090	44	0.018	64	0.032	84	0.024
5	0.130	25	0.085	45	0.034	65	0.006	85	0.019
6	0.115	26	0.038	46	0.051	66	0.010	86	0.014
7	0.098	27	0.025	47	0.043	67	0.014	87	0.010
8	0.110	28	0.025	48	0.015	68	0.008	88	0.005
9	0.095	29	0.047	49	0.013	69	0.010	89	0.002

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