

TV Station KRCB-DT • DTV Channel 23 • Cotati, California

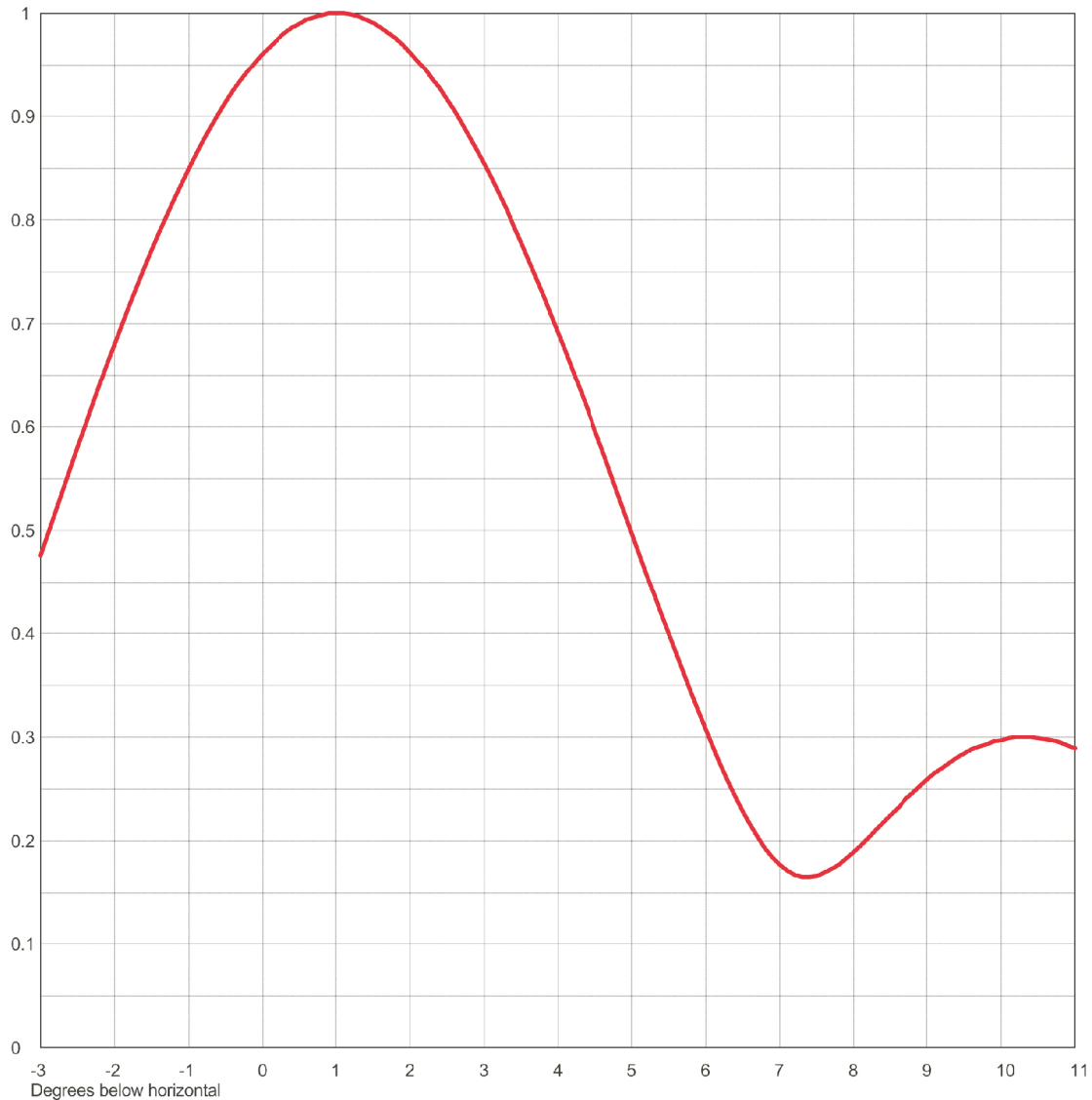
Proposed Elevation Plane Pattern



Date	28 Jun 2004		
Call Letters	KRCB-DT	Channel	23
Location	Cotati, CA		
Customer			
Antenna Type	TFU-8GTH-R C200SP DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	7.5 (8.75 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	6.9 (8.39 dB)	Frequency	527.00 MHz
Calculated / Measured	Calculated	Drawing #	08G075100-5270



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

040731  
Figure 33A

TV Station KRCB-DT • DTV Channel 23 • Cotati, California

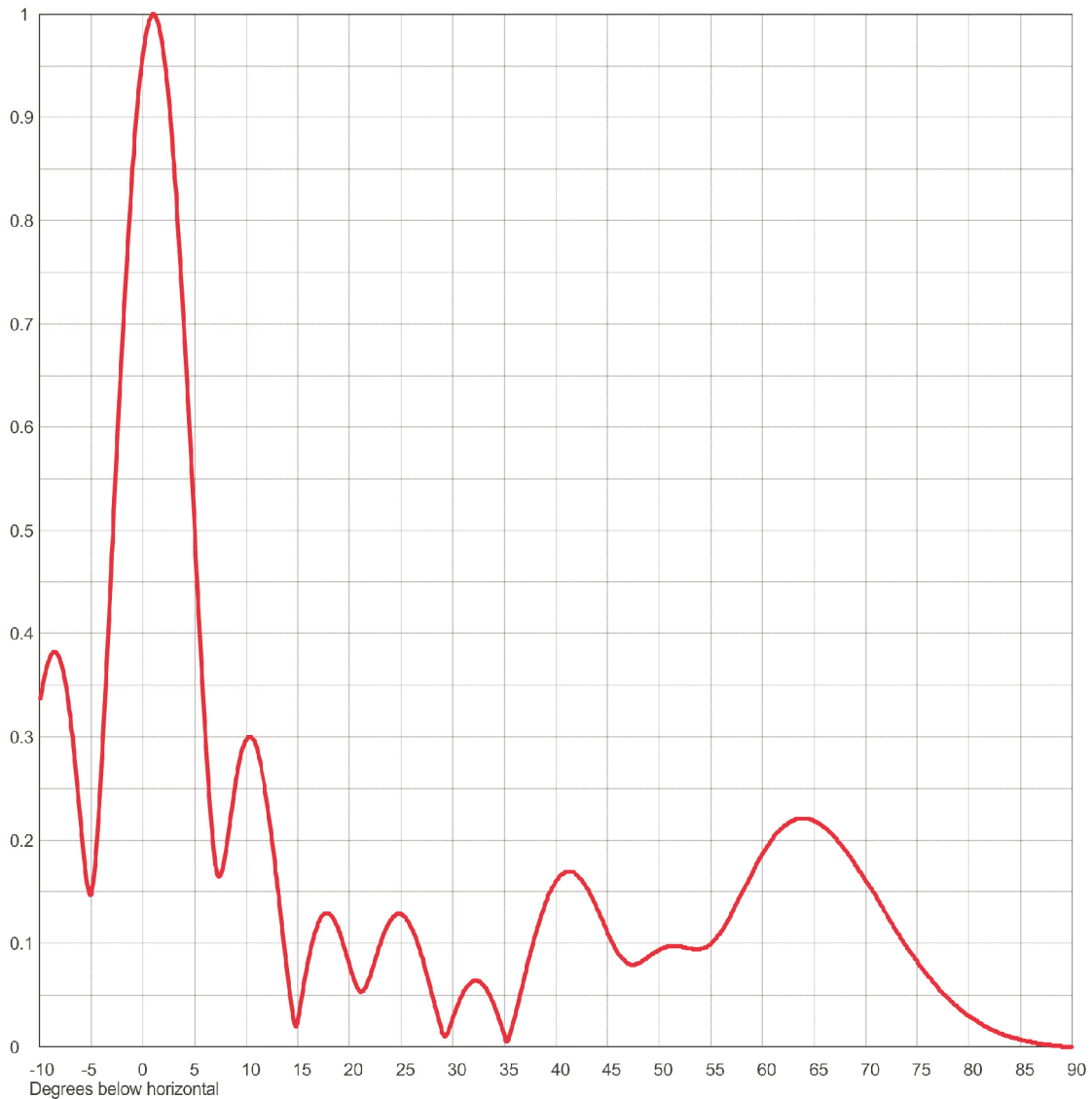
Proposed Elevation Plane Pattern



Date	28 Jun 2004		
Call Letters	KRCB-DT	Channel	23
Location	Cotati, CA		
Customer			
Antenna Type	TFU-8GTH-R C200SP DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	7.5 (8.75 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	6.9 (8.39 dB)	Frequency	527.00 MHz
Calculated / Measured	Calculated	Drawing #	08G075100-5270-90



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

040731  
Figure 33B

# TV Station KRCB-DT • DTV Channel 23 • Cotati, California

## Proposed Elevation Plane Pattern



Date **28 Jun 2004**  
 Call Letters **KRCB-DT** Channel **23**  
 Location **Cotati, CA**  
 Customer  
 Antenna Type **TFU-8GTH-R C200SP DC**

### TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **08G075100-5270-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.330	2.4	0.927	10.6	0.298	30.5	0.041	51.0	0.097	71.5	0.136
-9.5	0.359	2.6	0.905	10.8	0.295	31.0	0.052	51.5	0.097	72.0	0.128
-9.0	0.376	2.8	0.880	11.0	0.289	31.5	0.059	52.0	0.097	72.5	0.120
-8.5	0.382	3.0	0.854	11.5	0.269	32.0	0.063	52.5	0.096	73.0	0.112
-8.0	0.374	3.2	0.825	12.0	0.240	32.5	0.063	53.0	0.095	73.5	0.104
-7.5	0.353	3.4	0.794	12.5	0.204	33.0	0.059	53.5	0.094	74.0	0.097
-7.0	0.318	3.6	0.761	13.0	0.163	33.5	0.052	54.0	0.094	74.5	0.090
-6.5	0.271	3.8	0.727	13.5	0.119	34.0	0.040	54.5	0.096	75.0	0.083
-6.0	0.216	4.0	0.691	14.0	0.075	34.5	0.026	55.0	0.099	75.5	0.076
-5.5	0.165	4.2	0.654	14.5	0.035	35.0	0.011	55.5	0.104	76.0	0.069
-5.0	0.147	4.4	0.616	15.0	0.023	35.5	0.010	56.0	0.111	76.5	0.063
-4.5	0.189	4.6	0.577	15.5	0.051	36.0	0.029	56.5	0.119	77.0	0.058
-4.0	0.271	4.8	0.538	16.0	0.080	36.5	0.050	57.0	0.128	77.5	0.052
-3.5	0.371	5.0	0.498	16.5	0.103	37.0	0.070	57.5	0.138	78.0	0.047
-3.0	0.476	5.2	0.458	17.0	0.119	37.5	0.090	58.0	0.148	78.5	0.042
-2.8	0.518	5.4	0.419	17.5	0.127	38.0	0.108	58.5	0.158	79.0	0.038
-2.6	0.560	5.6	0.381	18.0	0.128	38.5	0.125	59.0	0.168	79.5	0.034
-2.4	0.601	5.8	0.343	18.5	0.123	39.0	0.139	59.5	0.178	80.0	0.030
-2.2	0.641	6.0	0.307	19.0	0.112	39.5	0.151	60.0	0.187	80.5	0.027
-2.0	0.680	6.2	0.274	19.5	0.097	40.0	0.161	60.5	0.195	81.0	0.023
-1.8	0.718	6.4	0.243	20.0	0.080	40.5	0.167	61.0	0.202	81.5	0.020
-1.6	0.754	6.6	0.216	20.5	0.064	41.0	0.170	61.5	0.208	82.0	0.018
-1.4	0.788	6.8	0.193	21.0	0.054	41.5	0.170	62.0	0.213	82.5	0.015
-1.2	0.820	7.0	0.177	21.5	0.056	42.0	0.167	62.5	0.217	83.0	0.013
-1.0	0.850	7.2	0.167	22.0	0.067	42.5	0.162	63.0	0.219	83.5	0.011
-0.8	0.877	7.4	0.165	22.5	0.083	43.0	0.154	63.5	0.221	84.0	0.010
-0.6	0.902	7.6	0.169	23.0	0.099	43.5	0.145	64.0	0.221	84.5	0.008
-0.4	0.925	7.8	0.177	23.5	0.112	44.0	0.134	64.5	0.221	85.0	0.007
-0.2	0.944	8.0	0.189	24.0	0.122	44.5	0.123	65.0	0.219	85.5	0.006
0.0	0.961	8.2	0.203	24.5	0.127	45.0	0.111	65.5	0.216	86.0	0.005
0.2	0.975	8.4	0.218	25.0	0.128	45.5	0.101	66.0	0.213	86.5	0.004
0.4	0.986	8.6	0.232	25.5	0.124	46.0	0.091	66.5	0.208	87.0	0.003
0.6	0.994	8.8	0.246	26.0	0.115	46.5	0.085	67.0	0.203	87.5	0.002
0.8	0.998	9.0	0.259	26.5	0.103	47.0	0.080	67.5	0.197	88.0	0.001
1.0	1.000	9.2	0.270	27.0	0.088	47.5	0.079	68.0	0.191	88.5	0.001
1.2	0.999	9.4	0.280	27.5	0.070	48.0	0.080	68.5	0.184	89.0	0.000
1.4	0.994	9.6	0.288	28.0	0.051	48.5	0.083	69.0	0.176	89.5	0.000
1.6	0.986	9.8	0.293	28.5	0.032	49.0	0.087	69.5	0.169	90.0	0.000
1.8	0.976	10.0	0.297	29.0	0.014	49.5	0.090	70.0	0.161		
2.0	0.962	10.2	0.300	29.5	0.013	50.0	0.093	70.5	0.153		
2.2	0.946	10.4	0.300	30.0	0.027	50.5	0.096	71.0	0.145		



**HAMMETT & EDISON, INC.**  
 CONSULTING ENGINEERS  
 SAN FRANCISCO

040731  
 Figure 33C

TV Station KRCB-DT • DTV Channel 23 • Cotati, California

Proposed Azimuth Plane Pattern



Date	28 Jun 2004		
Call Letters	KRCB-DT	Channel	23
Location	Cotati, CA		
Customer			
Antenna Type	TFU-8GTH-R C200SP DC		

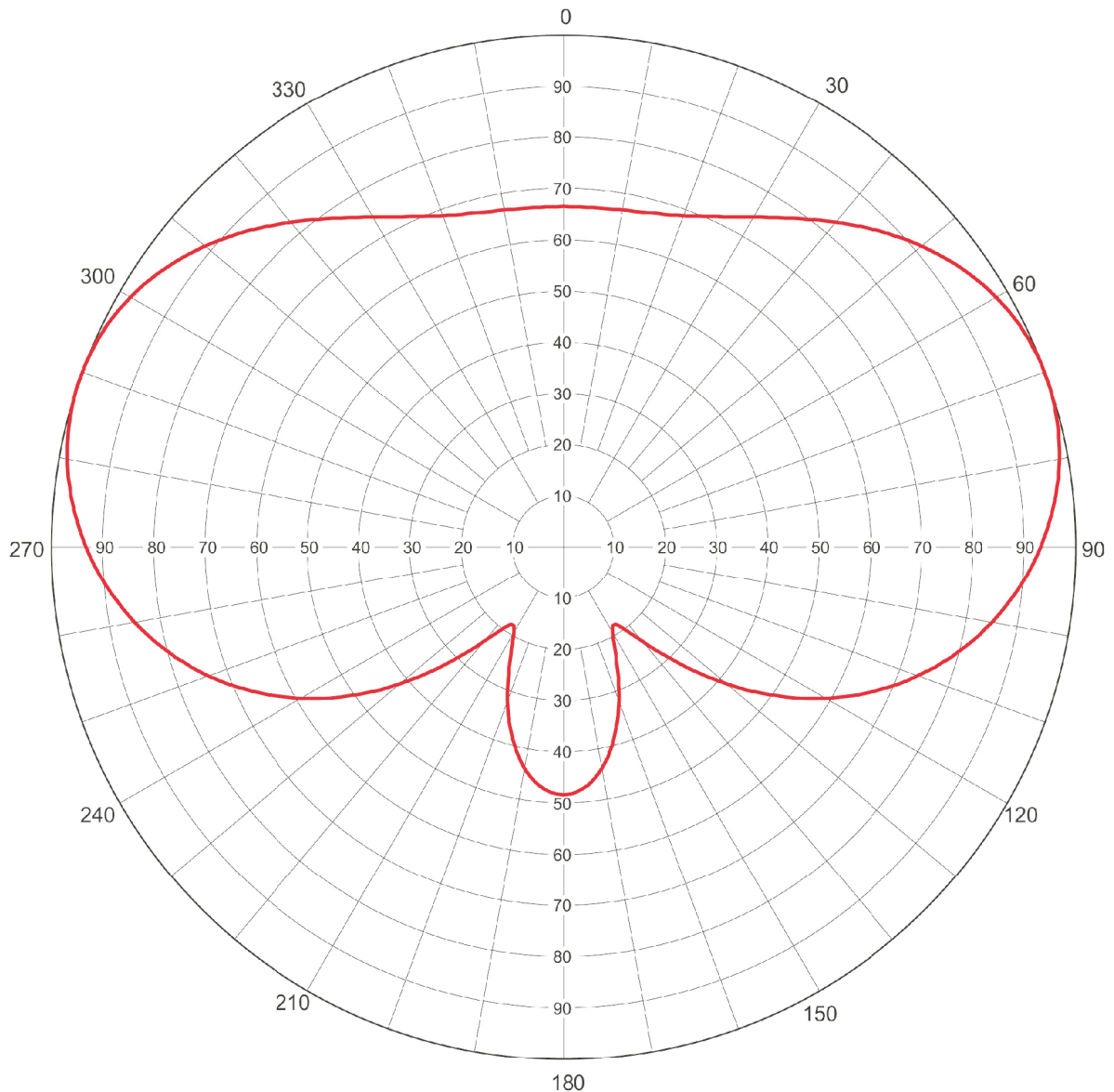
AZIMUTH PATTERN

Gain  
Calculated / Measured

1.90 (2.79 dB)  
Calculated

Frequency  
Drawing #

527 MHz  
TFU-C190SP-5270



Note: For tabulation, see FCC Form 340§VII, Item 11e. Pattern rotation will be 240°T.



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

040731  
Figure 33D