

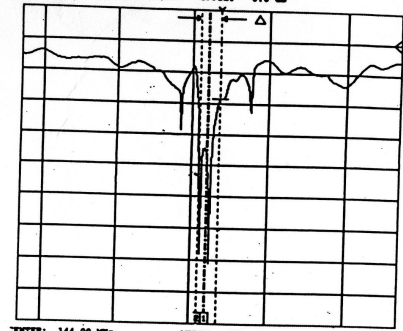
**CAB RADAR**  
**COMUNICACIONES**

DIRECCIONAL 23 ELEMENTOS ESPECIAL 144.300MHZ.

|                                |                    |
|--------------------------------|--------------------|
| FRECUENCIA                     | 144 A 145 MHZ.     |
| GANANCIA                       | 21.8 db.           |
| SEPARACION HORIZONTAL DE ENFA. | 4.15 m.            |
| SEPARACION VERTICAL DE ENFAS.  | 3.85 m.            |
| IMPEDANCIA                     | 50 OHMS            |
| LONGITUD DEL BOOM              | 9.14 m.            |
| RECHAZO D-A                    | -38DB.             |
| 1 TRAMO Ø 30X1,5               | 3,12m.             |
| 2 TRAMO Ø 35X2                 | 3,10m.             |
| 3 TRAMO Ø 30X1,5               | 2,92m.             |
| DIAMETRO MAXIMO DEL MASTIL     | 45mm.              |
| PESO                           | 8,100KG.           |
| SUPERFICIE AL VIENTO           | 0,29m <sup>2</sup> |
| SISTEMA ALINEAMIENTO C. P.     | 5/mm. DRIZA        |

WILTRON 5411A Scalar Measurement System  
Identify : CAC-RADAR  
Test Device : ANT-DIRECTION Date : 0222-1-9088

1: OFF  
2: RETN LOSS (R) 0.0 dB/DIV OFFSET 0.0 dB



CENTER: 144.00 MHz WIDTH: 100.00 MHz 401pts  
20 MHz/DIV LEVEL: -5.0 dBm

|                   | Channel 1      | Channel 2     | System Conditions | CH1                   | CH2       |
|-------------------|----------------|---------------|-------------------|-----------------------|-----------|
| High Limit :      | -- off --      | -- off --     |                   | Smoothing :           | off off   |
| Low Limit :       | -- off --      | -- off --     |                   | Averaging :           | off off   |
| Limit Testing :   | -- off --      | -- off --     |                   | Auto Hold :           | off off   |
| Cursor :          | -- off --      | -- off --     | -0.29 dB          |                       |           |
| Auto Readout :    | -- off --      | -- off --     | 147.43 MHz        | (-- off --) Bandwidth |           |
| at :              | -- off --      | -- off --     | +14.44 dB         | F(min) :              | -- off -- |
|                   | -- off --      | -- off --     | 0.39 MHz          | F(max) :              | -- off -- |
| Detector offsets: | A: 0.00 dB     | B: 0.00 dB    | R: 0.00 dB        |                       |           |
| 1: 144.30 MHz     | M2: 144.00 MHz | M3: -- off -- | M4: -- off --     |                       |           |
| 2: -20.11 dB      | 3: -17.96 dB   |               |                   |                       |           |
| 5: -- off --      | M6: -- off --  | M7: -- off -- | M8: -- off --     |                       |           |

