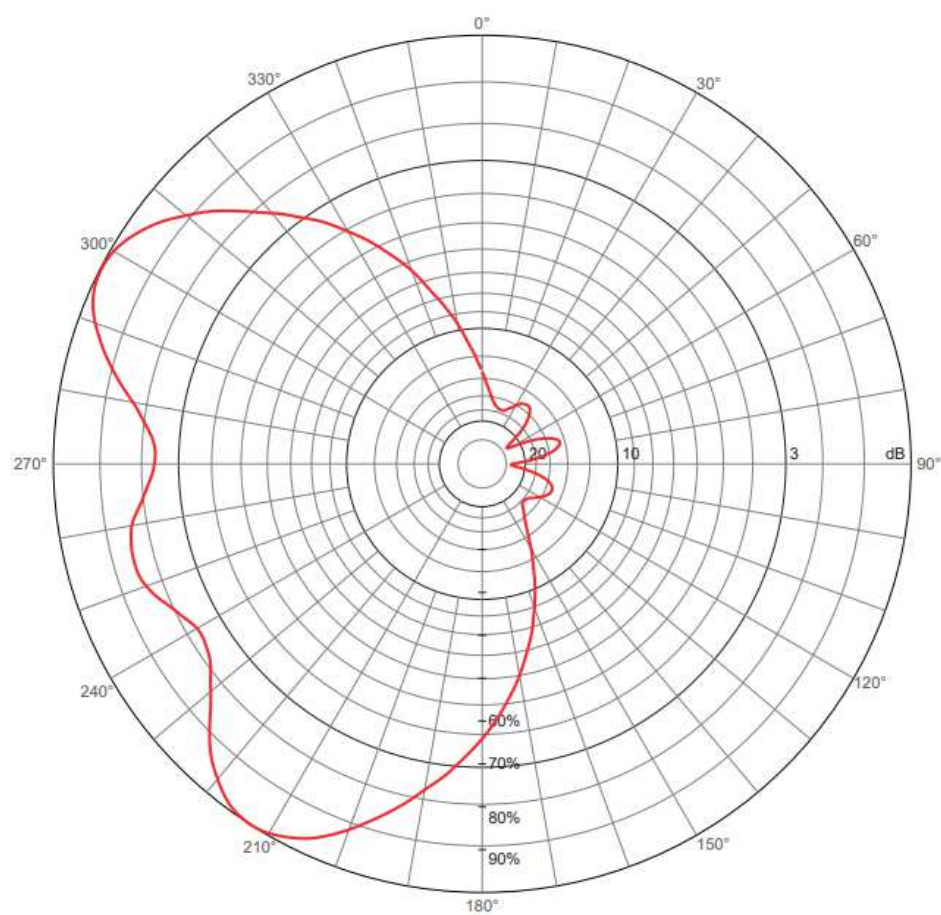


## Estación Tasajero Canal Nacional

| Azimuthal Pattern |        |       |        |       |        |       |        |       |       |       |       |       |       |       |        |
|-------------------|--------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| Angle             | dB     | Angle | dB     | Angle | dB     | Angle | dB     | Angle | dB    | Angle | dB    | Angle | dB    | Angle | dB     |
| 0                 | -13.34 | 45    | -16.33 | 90    | -22.9  | 135   | -17.59 | 180   | -3.86 | 225   | -0.92 | 270   | -2.34 | 315   | -1.57  |
| 1                 | -13.71 | 46    | -16.67 | 91    | -23.38 | 136   | -17.4  | 181   | -3.68 | 226   | -1.07 | 271   | -2.35 | 316   | -1.72  |
| 2                 | -14.1  | 47    | -17.05 | 92    | -23.43 | 137   | -17.14 | 182   | -3.51 | 227   | -1.23 | 272   | -2.35 | 317   | -1.88  |
| 3                 | -14.47 | 48    | -17.49 | 93    | -23.11 | 138   | -16.86 | 183   | -3.34 | 228   | -1.39 | 273   | -2.33 | 318   | -2.04  |
| 4                 | -14.81 | 49    | -18.02 | 94    | -22.5  | 139   | -16.61 | 184   | -3.18 | 229   | -1.53 | 274   | -2.28 | 319   | -2.2   |
| 5                 | -15.14 | 50    | -18.65 | 95    | -21.73 | 140   | -16.38 | 185   | -3    | 230   | -1.65 | 275   | -2.21 | 320   | -2.34  |
| 6                 | -15.47 | 51    | -19.4  | 96    | -20.89 | 141   | -16.15 | 186   | -2.83 | 231   | -1.77 | 276   | -2.11 | 321   | -2.49  |
| 7                 | -15.78 | 52    | -20.24 | 97    | -20.09 | 142   | -15.88 | 187   | -2.67 | 232   | -1.9  | 277   | -2.01 | 322   | -2.65  |
| 8                 | -16.07 | 53    | -21.12 | 98    | -19.35 | 143   | -15.58 | 188   | -2.53 | 233   | -2.02 | 278   | -1.9  | 323   | -2.82  |
| 9                 | -16.32 | 54    | -21.94 | 99    | -18.66 | 144   | -15.25 | 189   | -2.39 | 234   | -2.12 | 279   | -1.78 | 324   | -2.99  |
| 10                | -16.55 | 55    | -22.61 | 100   | -18.03 | 145   | -14.9  | 190   | -2.25 | 235   | -2.18 | 280   | -1.65 | 325   | -3.14  |
| 11                | -16.76 | 56    | -23.09 | 101   | -17.45 | 146   | -14.52 | 191   | -2.09 | 236   | -2.23 | 281   | -1.5  | 326   | -3.29  |
| 12                | -16.94 | 57    | -23.32 | 102   | -16.93 | 147   | -14.12 | 192   | -1.93 | 237   | -2.27 | 282   | -1.35 | 327   | -3.46  |
| 13                | -17.07 | 58    | -23.27 | 103   | -16.49 | 148   | -13.71 | 193   | -1.78 | 238   | -2.3  | 283   | -1.2  | 328   | -3.66  |
| 14                | -17.19 | 59    | -22.89 | 104   | -16.13 | 149   | -13.28 | 194   | -1.64 | 239   | -2.31 | 284   | -1.06 | 329   | -3.86  |
| 15                | -17.3  | 60    | -22.17 | 105   | -15.84 | 150   | -12.85 | 195   | -1.5  | 240   | -2.3  | 285   | -0.92 | 330   | -4.06  |
| 16                | -17.41 | 61    | -21.21 | 106   | -15.63 | 151   | -12.43 | 196   | -1.36 | 241   | -2.25 | 286   | -0.79 | 331   | -4.26  |
| 17                | -17.48 | 62    | -20.21 | 107   | -15.45 | 152   | -12.03 | 197   | -1.23 | 242   | -2.18 | 287   | -0.67 | 332   | -4.46  |
| 18                | -17.5  | 63    | -19.27 | 108   | -15.33 | 153   | -11.63 | 198   | -1.1  | 243   | -2.11 | 288   | -0.56 | 333   | -4.67  |
| 19                | -17.5  | 64    | -18.42 | 109   | -15.24 | 154   | -11.24 | 199   | -0.96 | 244   | -2.04 | 289   | -0.45 | 334   | -4.89  |
| 20                | -17.51 | 65    | -17.65 | 110   | -15.19 | 155   | -10.83 | 200   | -0.84 | 245   | -1.97 | 290   | -0.35 | 335   | -5.14  |
| 21                | -17.49 | 66    | -17    | 111   | -15.17 | 156   | -10.41 | 201   | -0.72 | 246   | -1.88 | 291   | -0.26 | 336   | -5.38  |
| 22                | -17.44 | 67    | -16.45 | 112   | -15.2  | 157   | -10.01 | 202   | -0.6  | 247   | -1.79 | 292   | -0.19 | 337   | -5.62  |
| 23                | -17.33 | 68    | -16    | 113   | -15.25 | 158   | -9.64  | 203   | -0.5  | 248   | -1.71 | 293   | -0.12 | 338   | -5.86  |
| 24                | -17.16 | 69    | -15.59 | 114   | -15.33 | 159   | -9.3   | 204   | -0.4  | 249   | -1.64 | 294   | -0.08 | 339   | -6.11  |
| 25                | -16.98 | 70    | -15.24 | 115   | -15.42 | 160   | -8.97  | 205   | -0.32 | 250   | -1.58 | 295   | -0.05 | 340   | -6.39  |
| 26                | -16.81 | 71    | -14.95 | 116   | -15.54 | 161   | -8.63  | 206   | -0.24 | 251   | -1.53 | 296   | -0.03 | 341   | -6.68  |
| 27                | -16.66 | 72    | -14.73 | 117   | -15.68 | 162   | -8.28  | 207   | -0.18 | 252   | -1.5  | 297   | -0.02 | 342   | -7.01  |
| 28                | -16.48 | 73    | -14.58 | 118   | -15.83 | 163   | -7.94  | 208   | -0.13 | 253   | -1.48 | 298   | -0.03 | 343   | -7.36  |
| 29                | -16.29 | 74    | -14.52 | 119   | -16.02 | 164   | -7.63  | 209   | -0.08 | 254   | -1.48 | 299   | -0.04 | 344   | -7.69  |
| 30                | -16.08 | 75    | -14.54 | 120   | -16.2  | 165   | -7.35  | 210   | -0.04 | 255   | -1.48 | 300   | -0.06 | 345   | -7.98  |
| 31                | -15.86 | 76    | -14.63 | 121   | -16.38 | 166   | -7.08  | 211   | -0.01 | 256   | -1.49 | 301   | -0.11 | 346   | -8.27  |
| 32                | -15.68 | 77    | -14.77 | 122   | -16.55 | 167   | -6.81  | 212   | 0     | 257   | -1.52 | 302   | -0.16 | 347   | -8.59  |
| 33                | -15.53 | 78    | -14.97 | 123   | -16.74 | 168   | -6.53  | 213   | 0     | 258   | -1.54 | 303   | -0.22 | 348   | -8.91  |
| 34                | -15.44 | 79    | -15.23 | 124   | -16.95 | 169   | -6.26  | 214   | -0.01 | 259   | -1.57 | 304   | -0.3  | 349   | -9.22  |
| 35                | -15.37 | 80    | -15.56 | 125   | -17.16 | 170   | -6     | 215   | -0.03 | 260   | -1.62 | 305   | -0.37 | 350   | -9.56  |
| 36                | -15.31 | 81    | -15.99 | 126   | -17.34 | 171   | -5.74  | 216   | -0.07 | 261   | -1.69 | 306   | -0.46 | 351   | -9.95  |
| 37                | -15.26 | 82    | -16.49 | 127   | -17.47 | 172   | -5.52  | 217   | -0.12 | 262   | -1.79 | 307   | -0.55 | 352   | -10.35 |
| 38                | -15.23 | 83    | -17.04 | 128   | -17.56 | 173   | -5.3   | 218   | -0.19 | 263   | -1.89 | 308   | -0.66 | 353   | -10.75 |
| 39                | -15.23 | 84    | -17.65 | 129   | -17.61 | 174   | -5.08  | 219   | -0.27 | 264   | -1.97 | 309   | -0.78 | 354   | -11.12 |
| 40                | -15.29 | 85    | -18.36 | 130   | -17.65 | 175   | -4.86  | 220   | -0.35 | 265   | -2.05 | 310   | -0.9  | 355   | -11.48 |
| 41                | -15.41 | 86    | -19.19 | 131   | -17.7  | 176   | -4.64  | 221   | -0.44 | 266   | -2.12 | 311   | -1.02 | 356   | -11.84 |
| 42                | -15.58 | 87    | -20.11 | 132   | -17.74 | 177   | -4.44  | 222   | -0.54 | 267   | -2.19 | 312   | -1.14 | 357   | -12.22 |
| 43                | -15.79 | 88    | -21.08 | 133   | -17.75 | 178   | -4.24  | 223   | -0.65 | 268   | -2.26 | 313   | -1.27 | 358   | -12.62 |
| 44                | -16.04 | 89    | -22.06 | 134   | -17.7  | 179   | -4.04  | 224   | -0.78 | 269   | -2.3  | 314   | -1.41 | 359   | -12.99 |

Subject to alternation

Azimuthal Pattern (polar-linear)



## Propiedades del transmisor

| <b>Transmisor</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| Nombre:                                                                   | <input type="text" value="Tasajero"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |             |
| Identificador de red:                                                     | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |
| <b>Emplazamiento</b>                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| Emplazamiento:                                                            | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |
| Coordenadas                                                               |       |             |             |
| Latitud:                                                                  | <input n"="" type="text" value="07°59'31.30"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |
| Longitud:                                                                 | <input type="text" value="072°27'43.90" w"=""/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| <b>Parámetros de radio</b>                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| Antena:                                                                   | <input type="text" value="DVB-T2 19.35 dBi"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |
| Altura antena:                                                            | <input type="text" value="21"/> m                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |             |
| Orientación:                                                              | <input type="text" value="0"/> [0,359]                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |             |
| Inclinación:                                                              | <input type="text" value="0"/> [-90,90]                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |
| <b>Frecuencias de transmisión</b>                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| <table><tr><th>Frecuencias</th></tr><tr><td>627.250 MHz</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Frecuencias | 627.250 MHz |
| Frecuencias                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| 627.250 MHz                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| Polarización:                                                             | <input type="text" value="Horizontal"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |
| Feeder:                                                                   | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |
| Longitud del feeder:                                                      | <input type="text" value="0"/> m                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |             |
| Pérdidas del feeder:                                                      | <input type="text" value="0.00"/> dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |
| Pérdidas pasivos:                                                         | <input type="text" value="0"/> dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |             |
| Potencia:                                                                 | <input type="text" value="2390"/> W                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |             |
| <b>Parámetros de radiodifusión digital</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |
| Retardo:                                                                  | <input type="text" value="0"/> μs                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |             |

Aceptar

Aplicar

Recargar

Cancelar

## Propiedades del Diagrama de Radiación



El diagrama de atenuaciones no tiene ningún valor 0.  
Los cálculos realizados con el mismo pueden ser erróneos.

### Propiedades

**Tipo de diagrama:** ☒ Copolar ☐ Xpolar

**Polarización:** Horizontal ▼

**Ganancia:** 19.35 dBi

**Frecuencia inicial:** 626 MHz ▼

**Frecuencia final:** 632 MHz ▼

**XPD 90:** 30 dB

**Ancho de haz:** 190 °

**Rel. delante/atrás:** -9.5 dB

### Diagrama horizontal

Diagrama horizontal   

### Diagramas verticales

No se ha definido ningún diagrama vertical 

Aceptar

Aplicar

Recargar

Cancelar

## Propiedades del Diagrama de Radiación

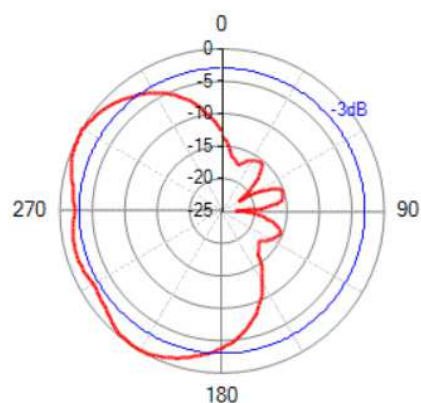
### Diagrama horizontal

**Azimut:**

**Atenuación:**

| Azimut | Atenuación |                                                                                     |                                                                                     |
|--------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 240.00 | -2.30      |  |  |
| 250.00 | -1.58      |  |  |
| 260.00 | -1.62      |  |  |
| 270.00 | -2.34      |  |  |
| 280.00 | -1.65      |  |  |
| 290.00 | -0.35      |  |  |
| 300.00 | -0.06      |  |  |
| 310.00 | -0.90      |  |  |
| 320.00 | -2.34      |  |  |
| 330.00 | -4.06      |  |  |
| 340.00 | -6.39      |  |  |
| 350.00 | -9.56      |  |  |

1 2 3



 Refrescar diagrama

Aceptar

Cancelar

