INFORMATIVE MODULE FOR RADIATING SYSTEM PROJECT - QUOTE REQUEST

CUSTOMER / ADDRESS .....

PERSON TO CONTACT .....

PHONE / FAX / EMAIL .....

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REF. TELSAT PROJECT CODE	DATE / TELSAT RESP. SIGNATURE
.....	.....

HORIZONTAL PATTERN

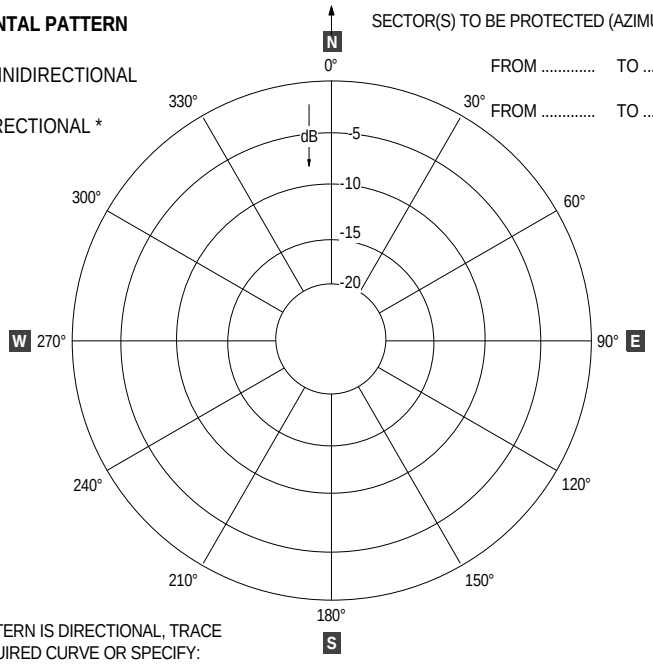
☐ OMNIDIRECTIONAL

☐ DIRECTIONAL *

SECTOR(S) TO BE PROTECTED (AZIMUTH °)

FROM ..... TO .....

FROM ..... TO .....



(*) IF PATTERN IS DIRECTIONAL, TRACE THE REQUIRED CURVE OR SPECIFY:

FACES ORIENTATION (AZIMUTH °)

NUMBER OF PANELS PER FACE

POWER PERCENTAGES

OTHER (SPECIFY)

.....

.....

.....

.....

GENERAL DATA

STATION NAME .....

LOCATION .....

GEOGRAPHIC COORDINATES: LAT. .....

HASL ..... LON. .....

SPECIAL CLIMATIC CONDITIONS .....

ELECTRICAL CHARACTERISTICS

☐ RADIO ☐ TV BAND: ☐ VHF ☐ FM ☐ UHF

TYPE OF SIGNAL: ☐ ANALOGUE ☐ DIGITAL .....

POLARIZATION: ☐ HORIZONTAL ☐ VERTICAL ☐ CIRCULAR

MAX RADIATING SYSTEM INPUT POWER (kW) .....

MAX RADIATING SYSTEM GAIN (TIMES / dBd) .....

MAX E.R.P. ALLOWED VALUE (kW) .....

ANTENNAS CONSTITUTING THE RADIATING SYSTEM (IF ALREADY DEFINED):

☐ PANELS ☐ YAGI ☐ DIPOLES TYPE .....

CHANNELS / FREQ. (MHz) / TX POWER (W)	CHANNELS / FREQ. (MHz) / TX POWER (W)
1) ..... /	3) ..... / .....
2) ..... /	4) ..... / .....

VERTICAL PATTERN

ANGLE(S) TO BE PROTECTED (DEGREES)

BEAM TILT * (DEGREES) FROM ..... TO ..... / FROM ..... TO .....

☐ UNBAL. POWER DISTRIBUTION FOR PROTECTION FROM NEAR FIELDS (NIR) IS REQUIRED

1st NULL FILLING * (%)

OTHER (SPECIFY)

.....

.....

(*) INDICATE "NO" WHERE NOT REQUIRED

FEEDING

☐ SINGLE INPUT ☐ TWO ANTENNA HALVES (SPLIT FEED)

INPUT CONNECTION(S) .....

PATCH PANEL .....

COMBINER .....

ADAPTERS / ACCESSORIES .....

MAIN FEEDER(S)

TYPE (SIZE) ..... LENGTH (m) .....

DIELECTRIC: ☐ AIR (DEHYDRATOR .....)

☐ FOAM (DEHYDRATOR NOT NECESSARY)

CONNECTORS: ANTENNA SIDE ..... TX SIDE .....

MECHANICAL CHARACTERISTICS

Note: Except different agreements, the steel structural work for interfacing to the existing tower, is intended at Customer's care.

REQUIRED SUPPORTING STRUCTURE:

SIDE MOUNTING POLE Ø ..... TOP MOUNTING POLE Ø ..... MAST DIM. .....

EXISTING SUPPORTING STRUCTURE (TOWER):

SQUARE - SIDE ..... TRIANGULAR - SIDE ..... CIRCULAR - Ø .....

☐ TAPERED TOWER TOWER ORIENTATION (AZIMUTH °) .....

VERT. AVAILABLE SPACE FOR ANTENNA APERTURE - HAGL: FROM (m) ..... TO (m) .....

OTHER (SPECIFY) .....

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ADDITIONAL INFORMATION

SCHEME / MATERIALS:

NOTES / REFERENCES:

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DATE - CUSTOMER SIGNATURE / PAGE #

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