



TECHNICAL SPECIFICATIONS POINT-TO-MULTIPOINT RADIOCOMMUNICATIONS SYSTEM FORM TS-PM

Instructions:

1. Please review the [Technical Specifications \(Form TS-PM\) Instructions, Guidelines and Explanatory Notes](#) prior to completing this application form.
2. This form is only valid if submitted with a completed Radiocommunications Licence Application (L1) Form.
3. All sections of this form must be completed.
4. Only point-to-multipoint link(s) within the same frequency band shall be applied for on a single form.
5. Multiple TS-PM Forms may be submitted with one L1 Form for the same applicant.

A. APPLICANT INFORMATION

A1. Applicant's Name: _____

B. NETWORK DESIGN

B1	Please explain in an attached letter how the radio-transmitting equipment or radiocommunications service proposed in this application will be used as it relates to its business activities.
B2	Please submit copies of the manufacturer's technical specifications for radio/s and antenna/s.
B3	Please submit a topographical map/s or diagram/s illustrating the design, coverage area and location/s of the subscriber and/or mobile station/s.

Note: Please complete a new section C for each type of subscriber and/or mobile station to be licensed in this radiocommunications system.

C. STATION DETAILS

C1. Transmitter

Details	Station		
	Base	Subscriber	Mobile
Make			
Model			
Frequency range of operation of radio (MHz)	Lower limit: Upper limit:	Lower limit: Upper limit:	Lower limit: Upper limit:
Quantity			
Type of service a. Continuous b. Intermittent			
Number of channels requested			
Preferred transmit frequency (MHz) (optional)			
Channel bandwidth (MHz)			
RF output power (peak)(dBm)			

ITU class of emission designator			
Optimal modulation type			
Link capacity (Mbps)			
Bit error rate			
IF frequencies (kHz)			

C2. Receiver

Details	Station		
	Base	Subscriber	Mobile
Co-channel selectivity (dB)			
First adjacent channel selectivity (dB)			
Receiver sensitivity (dBm)			
Frequency stability (%)			

C3. Antenna

Details	Station		
	Base	Subscriber	Mobile
Make			
Model			
Frequency range of operation of radio (MHz)	Lower limit: Upper limit:	Lower limit: Upper limit:	Lower limit: Upper limit:
Antenna type			
Antenna gain (dB)			
Beamwidth – vertical (degrees)			
Beamwidth – horizontal (degrees)			
Polarisation			

Antenna azimuth (degrees)			
Antenna elevation angle (degrees)			
Total transmission lines loss (dB)			

C4. Location

Details	Station		
	Base	Subscriber	Mobile
Station name			
Antenna height above ground (m)			
Site elevation above mean sea level (m)			
Geographic coordinates WGS-84 datum (degrees, minutes, seconds)			
Physical address of station (street #, street, town/city)			

D. TECHNICAL RESPONSIBILITY

D1. Please check boxes below if the applicant is technically responsible for the radiocommunications system:

Design and Implementation **Maintenance**

If neither box is checked, please provide a letter from the contractor accepting technical responsibility for either the design and implementation and/or maintenance of the applicant's radiocommunications equipment; include the qualifications and experience of the technical person; and then proceed to subsection D2.

D2. Contractor Details

Name of Organisation (if applicable): _____

Name of Technical Person: _____

Title	First Name	Middle Name (optional)	Last Name
-------	------------	------------------------	-----------

Contact Number: Mobile _____

Fixed Line: _____

Email Address: _____

E. SUBMISSION CHECKLIST

Please ensure that all relevant documents for the following have been submitted:

Item Section	Description	Document Submitted	Not Applicable
B1	Description of use of radiocommunications system	<input type="checkbox"/>	<input type="checkbox"/>
B2	Copies of manufacturer's technical specifications for radio/s and antenna/s	<input type="checkbox"/>	<input type="checkbox"/>
B3	Topographical map/diagram (optional) illustrating the design and location/s of the subscriber and mobile station/s	<input type="checkbox"/>	<input type="checkbox"/>
D	A letter from contractor, accepting responsibility for radiocommunications system	<input type="checkbox"/>	<input type="checkbox"/>

F. DECLARATION AND SIGNATURE

I, the undersigned, do hereby declare on my own behalf and on behalf of the applicant that the information provided in this application is true and correct to the best of my knowledge, information and belief. I acknowledge and agree that submitting an application to the Telecommunications Authority of Trinidad and Tobago does not mean that a licence will be granted, and that consideration of this application is a matter for the exercise of the Authority's discretion acting in accordance with the Telecommunications Act, Chap. 47:31. If the licence is granted, I am fully aware of all the obligations and conditions associated with the licence. I understand that in processing this application, the Authority may undertake such investigations as it considers appropriate to verify the information submitted and/or to assess the background or suitability of any person involved or to be involved in any permission or authorisation hereby applied for, and I hereby expressly consent, for myself and on behalf of the applicant and all such persons, to the carrying out by the Authority of such investigations. I confirm that I am duly authorised by all the relevant persons to make this declaration.

F1. Signature of individual applicant or person authorised on behalf of organisation:

Signature: _____

Date: _____

For TATT official use only

Name of Officer: _____

Signature: _____

Date: _____