



# Telecommunications Authority of Trinidad and Tobago

## RADIO-FREQUENCY RADIATION TEST RESULTS

### CELL SITE MEASUREMENTS



Since its establishment in July 2004, the Telecommunications Authority of Trinidad and Tobago (TATT) has been actively engaged in initiatives to determine the strictest possible internationally acceptable limits for radiofrequency radiation from all radio transmitting equipment in Trinidad and Tobago and ensure providers of telecommunications and broadcasting services abide by these strict limits.

In the telecommunications sector, these limits are referred to as Maximum Permissible Exposure (MPE) limits.

The MPE limit for radiofrequency radiation from radio transmitting sites to which the general population in Trinidad and Tobago should be exposed, is 0.2 to 1.0 milliwatts per centimetre squared (mW/cm<sup>2</sup>).

This limit, outlined in providers' concessions, was determined after TATT conducted a comparative analysis of the limits of the US Federal Communications Commission and the International Commission on Non-Ionizing Radiation Protection. Based on the analysis, TATT adopted the most restrictive standards to ensure the lowest possible radio emission levels are used in Trinidad and Tobago.

To ensure all operators of licenced radio transmitting equipment abide by these strict standards, TATT engages in a continuous programme of measuring and

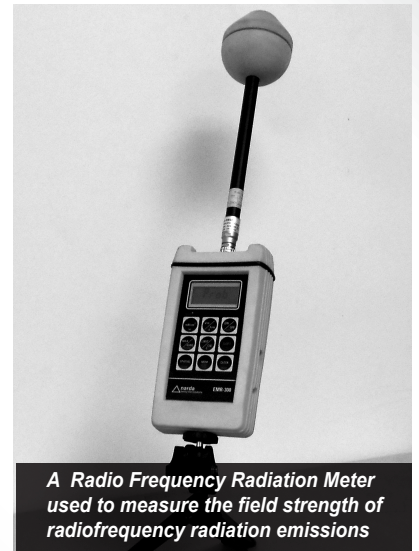
recording radiofrequency radiation emissions from all sites throughout the country and publishes the results.

The objective of this initiative is to continuously monitor the radiation from all radio transmitting sites and provide the results to the public.

Officers of TATT measure the field strength of radiofrequency radiation emissions from the sites, using special instruments called Radio Frequency Radiation Meters.

The following tables contain radio frequency field strength measurements from cell sites for general population exposure, recorded over the period October 2022 to September 2023.

The measurements recorded below are for a total of 200 cell sites over the period and are well within compliance to the maximum permissible limit set by TATT.



A Radio Frequency Radiation Meter used to measure the field strength of radiofrequency radiation emissions

Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm <sup>2</sup> )
<b>Central Trinidad</b>				
Digicel	T189A	GUARACARA_QUARRY	Batchasingh Quarry, 11¼ mm Atagual Road, Guaracara, Tabaquite	0.00012
Digicel	T221B	TABAQUITE	Roche Trace, Rio Claro Road, Tabaquite	0.00002
Digicel	T223	UPPER_CARAPICHIMA_COW	LP-44 Arena Cemetary Rd., Freeport	0.00008
Digicel	T225A	CHASE_VILLAGE	LP-440 Southern Main Road, Chase Villlage	0.00025
Digicel	T226A	LAS_LOMAS	LP-221 Chin Chin Road, Las Lomas	0.00004
Digicel	T441D	PREYSAL	Off Freeport Mission Road	0.00008
Digicel	T453F	FREEPORT	LP-2 Calcutta Settlement Road 2, Freeport	0.00016
Digicel	T454E	FREDERICK_SETTLEMENT	Campden Enterprises, Old Southern Main Road, Frederick Settlement	0.00044
Digicel	T456B	TODDS_ROAD_LOT	LP-16 Fletcher Road, Todds Road, Chaguanas	0.00003
Digicel	T461B	TALPARO	RC Church, Cor. Talparo Rd., Tamana Rd., and Mundo Nuevo Rd.	0.00004
Digicel	T549	PASEA	Dry River Trace	0.00016
Digicel	T584	Todds Station Road	Dan Trace, Todd's Road	0.00003
TSTT	TND3125	St Helena	3 Ragbir Goness Trace, St. Helena	0.00208
TSTT	TND3128	Carapo	Caparo Main Road, Carapo	0.00018
TSTT	TND3129	Kelly Village	LP-11 Church Street, Kelly Village	0.00097
TSTT	TND3132	Frederick Settlement	Southern Main Road, Caroni	0.00034
TSTT	TND4152	MtPleasant Shwy	11 Mount Pleasant Trace, Carolina Village, Couva	0.00009
TSTT	TND4153	FreePort	Old Mission Road Freepot	0.00267
TSTT	TND4154	Preysal	Polo Ground Road, Preysal	0.00096
TSTT	TND4157	Chandernagore	8 Coconut Avenue, Edinburgh	0.00054
TSTT	TND4161	Couva Road	443 Powdharie, Preysal Village, Couva	0.00029
TSTT	TND4169	Todds Rd	Intersection of Caparo Valley Road, Brasso Road & Todd's Road Station	0.00016
TSTT	TND4170	Tabaquite	Roche Trace, Rio Claro Road, Tabaquite	0.00010
TSTT	TND4173	Flanagin Town	42 Caparo Valley Road, Brasso Road, Flanigan Town	0.00004
TSTT	TND4175	Todds Station	Todd's Station Road, Caparo	0.00007
TSTT	TND4180	Charuma	Southern Main Road, Flanigan Town	0.00002
TSTT	TND4181	Biche	Cor. Alphonso Road and Ogear Street, Biche	0.00002
TSTT	TND4193	Chaguanas II	Pizza Boys Warehouse, Ramsarran Road, Chaguanas	0.00023
TSTT	TND4194	Chaguanas Warehouse	Chaguanas Main Road, Chaguanas	0.00042
TSTT	TND4201	Las Lomas	Chin Chin Road, Las Lomas	0.00034
TSTT	TND4203	Talparo	226 Talparo Main Road, Brazil Village	0.00020
TSTT	TND4204	ChinChin2	LP-75 Madras Road, Chin Chin	0.00028

Telecommunications Authority Trinidad and Tobago  
OCTOBER 2022 - SEPTEMBER 2023

Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm <sup>2</sup> )
<b>Central Trinidad</b>				
TSTT	TND4207	Jerningham	Cor. Endeavour and Jerningham Roads, Cunupia	0.00352
TSTT	TND4209	Cunaripo	Guaico Tamana Main Road, Guaico	0.00001
TSTT	TND4224	MonroeRd	350 Southern Main Road, Warrenville, Cunupia	0.00003
TSTT	TND4242	Nestor	5½ mm Guaico Road, Tamana Road	0.00003
TSTT	TND4321	Orchard Gardens	Mulchan Road, Orchard Gardens, Chaguanas	0.00024
TSTT	TND6069	Caparo OPAC_COW_850	22 Mamoral River Road, Mamoral	0.00009
<b>East Trinidad</b>				
TSTT	TND4251	Plum Mitan	7¼ mm Ramlal Trace, Plum Mitan	0.00007
<b>Northeast Trinidad</b>				
Digicel	T111A	Valencia East	LP-T128 Valencia Road, Valencia	0.00004
Digicel	T400A	VALENCIA_JUNCTION	1A Valencia Old Road, Valencia	0.00060
Digicel	T411B	PIARCO_AIRPORT	Golden Grove Road, Piarco	0.00137
Digicel	T428B	RAMPANALGAS	9A Paria Main Road, Rampanalgas	0.00004
Digicel	T429B	SALYBIA	LP-285 24 Mahase Ramdass Trace, Paria Main Road, Salybia	0.00002
Digicel	T430B	MATURA	9¼ mm Toco Main Road, Matura	0.00004
Digicel	T431F	MATURA_SAND_FACTORY	Cor. Valencia Rd. & Toco Main Rd.	0.00008
Digicel	T447I	CUMANA	Big Yard, Paria Main Road, Cumana	0.00002
Digicel	T457C	MALONEY	Estate Trace, Maloney	0.00025
Digicel	T458B	SANTA ROSA SDH	Neal & Massey Assembly Plant, Churchill-Roosevelt Highway, Santa Rosa	0.00020
Digicel	T463F	NETTO_VILLE	Moore Ave., Arima	0.00053
Digicel	T480A	NANCOO_VILLAGE	Boy Cato Trace (off Boy Cato Road), Las Lomas #1, Nancoo Village	0.00024
Digicel	T540	LAS_LOMAS_2	Opp. LP-14 Kernahan Trace, Cunupia	0.00009
Digicel	T903A	TOCO SDH	Morne Cabrite Road, Toco	0.00001
TSTT	TND3101	Matura2	Thomas Trace (off Toco Main Road), Matura	0.00016
TSTT	TND3106	Matura	El Cuvario Estate, Matura	0.00002
TSTT	TND3111	Balandra	Paria Main Road, Balandra	0.00002
TSTT	TND3113	Rampanalgas	Khan's Avenue, Guiama, Balandra	0.00001
TSTT	TND3118	Morne Cabrite	Morne Cabrite Road, Cumana	0.00001
TSTT	TND3134	Piarco	Golden Grove Road, Piarco	0.00063
TSTT	TND3148	Mausica	Mausica Road, D'Abadie	0.00018
TSTT	TND3151	Santa Rosa	4 Lime Avenue, Santa Rosa	0.00043
TSTT	TND3180	Arima	Cor. Queen and Green Streets, Arima	0.00133
TSTT	TND3196	Toco Main Road	Road Reserve off Paria Main Road	0.00008
TSTT	TND3239	Valencia	LP-5 Tapana Road, Valencia	0.00035
TSTT	TND3256	Valencia Rd	LP-T5 Tapana Road (off Valencia Road), Valencia	0.00007
TSTT	TND3315	Arima Old Road 2	70 Ulex Drive, La Florissante Phase 2, Arima Old Road	0.00047
TSTT	TND3322	Rampanalgas2	19¼ mm Rampanalgas, Balandra	0.00017
<b>Northwest Trinidad</b>				
Digicel	T008A	QUEENS PARK CRICKET CLUB	Queen's Park Cricket Club, 94 Tragarete Road, Port-of-Spain	0.00105
Digicel	T040	Soca COW		0.00163
Digicel	T056C	ST_JAMES_NORTH	Cor. Salazar Street and George Cabral Street, St. James	0.00032
Digicel	T063B	ST_JAMES_SOUTH	Mucurapo Plaza, 31 Mucurapo Road, St. James	0.00463
Digicel	T066B	THE_SADDLE	North Coast Road, Maraval	0.00022
Digicel	T081B	QUEEN_& NELSON_ST	Cor. Queen & Nelson Streets, Port-of-Spain	0.00030
TSTT	TND3014	La Riviera	La Riviera Apartments, Columbus Circle, Westmoorings	0.00230
TSTT	TND3032	Foreshore	71 Mucurapo Road, Mucurapo	0.00881
TSTT	TND3049	Maraval3	148 Lakhman Road, Maraval	0.00034
TSTT	TND3054	Moka	Riverview Trace (adj. Maraval Water Works), Maraval	0.00005
TSTT	TND3065	Cascade	56 Cascade Road, Cascade	0.00038
TSTT	TND3070	Lady Young Road	Lady Young Road, Morvant	0.03056
TSTT	TND3187	Mt Lambert	Aranguez Estate Lands, Mt. Lambert	0.00034
TSTT	TND3188	Central Market	Sea Lots, Beetham Highway, Port-of-Spain	0.00109
TSTT	TND3202	Mariners Club	75 Independence Square North, Port-of-Spain	0.00908
TSTT	TND3203	Interior Harmony	Pioneer Drive, Port-of-Spain	0.00049
TSTT	TND3223	East Dry River	East Dry River	0.00101
TSTT	TND3229	Main	57-59 Henry Street, Port-of-Spain	0.00184
TSTT	TND3244	Edward St	116 Edward Street, Port-of-Spain	0.00350
TSTT	TND3262	Stadium	Hasley Crawford Stadium, Wrightson Road, Port-of-Spain	0.00833
TSTT	TND3264	St Joseph 3	La Mango Road, St. Joseph	0.00256
TSTT	TND3268	Keate Street	19 Keate Street, Port-of-Spain	0.00613

Telecommunications Authority Trinidad and Tobago  
OCTOBER 2022 - SEPTEMBER 2023

Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm <sup>2</sup> )
<b>Northwest Trinidad</b>				
TSTT	TND3284	QP_Savannah	Queen's Park Savannah, Port-of-Spain	0.00055
TSTT	TND3302	Aranjuez	Nanan Trace, Aranguez	0.00033
TSTT	TND3326	St James Barracks	St James Barracks, Western Main Road, St. James	0.00024
TSTT	TSTT006	National Stadium COW	National Stadium, Audrey Jeffers Highway	0.00163
<b>South Trinidad</b>				
Digicel	T160F	DEBE	Temple Road, SS-Erin Main Road, Debe	0.00009
Digicel	T158C	NEW_GRANT	LP-452 Naparima Mayaro Road, New Grant Junction, Princes Town	0.00076
Digicel	T163C	PALO_SECO	SS-Erin Main Road, Palo Seco	0.00002
Digicel	T164C	SAN_FRANCIQUE_HILL	Pepper Village, Erin	0.00003
Digicel	T165A	CAP_DE_VILLE_WASA	Erin Road, Cap-de-Ville	0.00014
Digicel	T166B	POINT_FORTIN	9 Mainfield Road, Point Fortin	0.00016
Digicel	T167A	OROPOUCHE_DOW_VILLAGE	68 Dow Village, South Oropouche	0.00162
Digicel	T168D	LA_BREA_SDH	Railway Ext. Rd., Railway Rd., Church St., La Brea	0.00106
Digicel	T169D	GUAPO	Off Perseverance Road, Guapo	0.00010
Digicel	T170A	FYZABAD_WASA	Cor. Fyzabad-Guapo Road and Cool Man Street, Fyzabad	0.00050
Digicel	T172D	COROMANDEL	Syphoo Trace, Granville, Cedros	0.00009
Digicel	T173A	CHARUMA	Cunapo Southern Main Road, Charuma	0.00002
Digicel	T174E	SIXTH_COMPANY	LP-4 Contention Road, Sxth Company	0.00051
Digicel	T175A	BASSETERRE_MORUGA	LP-351 Basse Terre, Moruga	0.00010
Digicel	T179D	SPRING_VALE	Mt. Pleasant Road, Carolina Village, Couva	0.00006
Digicel	T180D	BROTHERS_ROAD	Old Torib Public Road, Brothers Road Settlement	0.00003
Digicel	T181A	BUENOS_AYRES	LP-56 Cap-de-Ville Erin Road, Buenos Ayres	0.00015
Digicel	T182B	KELLY_ECKEL_VILLAGE	Eccles Village Road, Williamsville	0.00003
Digicel	T183B	FULLARTON	LP-92 Fullerton Village, Cedros	0.00007
Digicel	T188A	CHATHAM	Southern Main Rd., Irois Forest, Chatham Village, Cedros	0.00008
Digicel	T192C	PREAU	838 St. Mar's Village, Moruga Road, Preau	0.00013
Digicel	T193D	BARRACKPORE	961 Papourie Road, Barrackpore	0.00004
Digicel	T196G	PARRY_LANDS	LP53 P.O. Box 14, Parry Lands, Guapo	0.00005
Digicel	T197A	PLUCK	Timital Trace, San Francique, Siparia	0.00018
Digicel	T198A	PALO_SECO_WEST	Los Charos Road, SS-Erin Main Road, Palo Seco	0.00002
Digicel	T200A	MORUGA	LP-24 La Ruffin Road, Moruga	0.00009
Digicel	T210A	ROUSILLAC	Grants Road, Rousillac	0.00009
Digicel	T211B	SOUTH_BARRACKPORE	Cor. Hassanali and Clarke Trace, Barrackpore	0.00009
Digicel	T214A	SAN_PEDRO	233 San Pedro Road, San Pedro	0.00001
Digicel	T216G	Bonasse	LP217 Southern Main Road, Bonasse Village, Cedros	0.00005
Digicel	T240C	PENAL_ROCK_ROAD_2	LP-289 Penal Rock Road, Penal	0.00005
Digicel	T250	La_Brea_Junction	Thackoordass Street, La Brea	0.00006
Digicel	T352B	SF_PALMISTE	39 Cross Crossing, San Fernando	0.00029
Digicel	T353B	SF_PLEASANTVILLE	1-9 Dick St., San Fernando	0.00155
Digicel	T362D	SF_LES_EFFORTS_WEST	Opp. Charlie's Pudding, Les Efforts West, San Fernando	0.00520
Digicel	T367A	ICACOS	Icacos-Savanah Road, Icacos	0.00006
Digicel	T559	Cedar Hill	Manahambre Road, Cedar Hill	0.00012
Digicel	T585	MORUGA_ROAD	8½ mm Moruga Road, Moruga	0.00001
TSTT	T360J	LA_ROMAIN	Potato Road, La Romain	0.00030
TSTT	TND4001	Fullerton	Perseverance Road, Fullerton	0.00005
TSTT	TND4002	Bonasse	Road Reserve off Southern Main Road, Bonasse Village, Cedros	0.00007
TSTT	TND4003	Coromandel	Sans Souci Trace, Coromandel	0.00007
TSTT	TND4005	Chatham	Chatham Road, Chatham	0.00011
TSTT	TND4007	Buenos Ayres	192-4 Erin Road, Buenos Ayres	0.00028
TSTT	TND4008	Cap De Ville	LP-1854 39kmm Southern Main Road, Cap de Ville, Forest Reserve	0.00014
TSTT	TND4009	Erin Road	SS-Erin Main Road, Quarry Road, Quarry Village	0.00011
TSTT	TND4010	Rancho Quemado	7 Los Iros Road, Erin	0.00004
TSTT	TND4012	Los Iros	LP-8036 SS-Erin Main Road, Santa Flora	0.00005
TSTT	TND4013	Palo Seco	Refinery Road, Los Bajos	0.00010
TSTT	TND4015	Los Bajos	Los Bajos, Palo Seco	0.00008
TSTT	TND4017	Siparia	100 High Street, Siparia	0.00061
TSTT	TND4019	Penal Rock Rd 3	Penal Rock Road, Penal	0.00005
TSTT	TND4020	Penal Rock Rd	Penal Rock Road, Penal	0.00015
TSTT	TND4021	Penal Rock Rd 2	Clark Hill, Clark Road, Penal	0.00006
TSTT	TND4022	Basseterre	LP-L56/410 5 Moruga Road, Basse Terre, Moruga	0.00019
TSTT	TND4030	Point Fortin	16-19 Peter's Road, Point Fortin	0.00059
TSTT	TND4032	Cochrane	Le Retraite Road, Hubetstown, Cochrane	0.00013

Telecommunications Authority Trinidad and Tobago

OCTOBER 2022 - SEPTEMBER 2023

Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm <sup>2</sup> )
<b>South Trinidad</b>				
TSTT	TND4033	Vance River	Southern Main Road, Guapo	0.00024
TSTT	TND4034	La Brea	B Road, La Brea	0.00106
TSTT	TND4037	Rousillac	Grace Street, Rousillac	0.00012
TSTT	TND4039	Otaheite	Between LP-1399 and LP-1416 Southern Main Road, Otaheite	0.00026
TSTT	TND4041	Fyzabad	Pepper Village, Fyzabad	0.00001
TSTT	TND4042	La Romain 2	Church Street, La Romaine	0.00010
TSTT	TND4043	Thick Village	LP-A81 Siparia Road, Thick Village	0.00006
TSTT	TND4045	La Romain	EPA 261 Guayaguayare Road	0.00016
TSTT	TND4047	Plaisance	416 Southern Main Road, La Romain	0.00090
TSTT	TND4049	Siparia 2	LP-298 Syne Trace, SS-Erin Main Road, Siparia	0.00010
TSTT	TND4050	Canaan	South Trunk Road, Eddoes Industrial Estate, Bamboo Village, La Romaine	0.00039
TSTT	TND4051	San Fernando Hospital	Independence Ave, San Fernando	0.00650
TSTT	TND4070	Thompson	20-26 Hilda Lazzari & Dick Streets, Les Efforts, San Fernando	0.00155
TSTT	TND4079	Debe	Ring Road, St. Mary's Village, Debe	0.00044
TSTT	TND4098	Palmyra	4 Road Reserve, Palmyra, San Fernando	0.00022
TSTT	TND4101	Monkey Town	LP-195 Papourie Road, Monkey Town	0.00019
TSTT	TND4103	Clarke Road	Clarke Hill, Clarke Road	0.00016
TSTT	TND4105	Mt Stewart	109 Cleghorn Village, Princes Town	0.00039
TSTT	TND4107	Barrackpore	2 Scale Street, Barrackpore	0.00031
TSTT	TND4108	Cipero St Croix	LP-3 Assiah Trace, Lengua Village, Barrackpore	0.00013
TSTT	TND4112	Eckel Ville	LP-286 Guaracara-Tabaquite Road, Williamsville	0.00005
TSTT	TND4114	Sisters Road	182 Southern Main Road, Marabella	0.00040
TSTT	TND4115	Indian Walk	LP-A405 Jagville Avenue, Naparima Mayaro Main Road, Indian Walk	0.00015
TSTT	TND4116	Basseterre2	Moruga Road, Basseterre Village, Moruga	0.00008
TSTT	TND4117	George Village	Bee's Scrapyrd, New Grant Road and Monkey Town Road, George Village	0.00030
TSTT	TND4120	Busy Corner	Sisters Road, Busy Corner, Tabaquite	0.00002
TSTT	TND4125	Poole	San Pedro Estate	0.00004
TSTT	TND4177	San Pedro	LP-136 Tabaquite-Rio Claro Road, San Pedro, Rio Claro	0.00004
TSTT	TND4179	Cushe	LP-116 Cunapo Southern Main Road, Cuche, Navet	0.00002
TSTT	TND4222	Edge	Southern Trunk Rd ,La Romain	0.00015
TSTT	TND4227	St Madeline	Road Reserve off Derick Avenue, Ste. Madeline	0.00009
TSTT	TND4246	Moruga (La Ruffin)	Road Reserve off Trinity Road, Moruga	0.00007
TSTT	TND4248	Bonasse2	3640 Coromandel Village, Southern Main Rd., Bonasse	0.00005
TSTT	TND4311	Fyzabad East	102 LP-18/4 Fyzabad Branch Road, Fyzabad	0.00002
TSTT	TND4313	PSAEL	PSAEL, San Fernando Erin Road, Palo Seco	0.00006
TSTT	TND4325	Bonne_Adventure	509 Bonne Aventure Road, Gasparillo	0.00005
TSTT	TND4326	Lady Hailes Avenue	7 Paradise Hill, Independence Avenue, San Fernando	0.00026
TSTT	TND4329	Gulf City Carpark	4th Floor, Gulf City Carpark, Gulf View, La Romaine	0.00009
TSTT	TND4330	Gulf City Mall South	Generator Room, Gulf City Mall, Gulf View, La Romaine	0.01008
TSTT	TSTT004	Indian Walk COW	LP-90 Moruga Road (Star Dust Restaurant and Bar)	0.00008
TSTT	TSTT013	Debe 2 COW	Samar Entertainment Center, SS-Erin Main Road, Debe	0.00012
<b>Tobago</b>				
Digicel	T702C	MERCHISTON	Merchiston Road, Speyside, Tobago	0.00001
Digicel	T703C	DELA Ford	John Gully Road, Louis D'or, Tobago	0.00001
Digicel	T716A	MASON_HALL	Top Hill Road, Mason Hall, Tobago	0.00095
Digicel	T719B	ENGLISHMAN'S_BAY	Northside Main Road, Parrot Hall, Tobago	0.00001
Digicel	T736	Arnos Vale	Arnos Vale Road, Arnos Vale	0.00001
TSTT	TND5026	Englishman's Bay	Englishman's Bay Village, Northside Main Road, Parrot Hall, Tobago	0.00002
TSTT	TND5038	Delaford	Windward Road, Delaford, Tobago	0.00001
TSTT	TND5042	Speyside	Speyside Health Centre, Speyside, Tobago	0.00002
TSTT	TSTT001	Bon Accord COW	Mt. Pleasant Water Treatment Plant, Bon Accord, Tobago	0.00011

Telecommunications Authority of Trinidad and Tobago

Trinidad Office (Head Office):  
 🏠 #5 Eighth Avenue Extension,  
 off Twelfth Street, Barataria,  
 ☎ (868) 675-8288

Tobago Office:  
 🏠 Lowlands Mall  
 Lowlands, Tobago  
 ☎ (868) 639-8288

Consumer Complaints Hotline: 800-8288

✉ info@tatt.org.tt 🌐 https://tatt.org.tt

