



Telecommunications Authority of Trinidad and Tobago

RADIO-FREQUENCY RADIATION TEST RESULTS

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

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

At the start of 2006 TATT outlined the MPE interim limits to be observed in licenses issued to mobile telephone providers in this country.

The MPE interim limit for radiofrequency radiation from cell sites as outlined in the licenses to which the general population in Trinidad and Tobago should be exposed is 0.2 to 1.0 milliwatts per centimetre squared (mW/cm²).

This interim limit was recommended after TATT conducted a comparative analysis of the Federal Communications Commission and the International Commission on Non-Ionizing Radiation Protection limits to determine the final choice of standards to be adopted in Trinidad and Tobago.

Based on the analysis, TATT proposed the adoption of the most restrictive standards to ensure the lowest possible radio emission levels are used in Trinidad and Tobago.

To ensure all providers of mobile telephone service, who are operators of licenced radiotransmitting equipment, abide by

these strict standards, TATT engages in a continuous programme of measuring and recording radiofrequency radiation emissions from cellular towers throughout the country and publishing the results in the newspapers.

The objective of this programme, which began in May 2006, is to continuously monitor the radiation from all cellular sites and provide the results to the public.

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

The following tables contain radio frequency field strength measurements for general population exposure recorded over the period October 1st, 2014 to September 30th, 2015.

The measurements recorded below are for 150 cellsites and are between 91 and 42,500 times lower than the interim maximum permissible exposure 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 Measured Power Density (mW/cm ²)
Central Trinidad				
Digicel	T177B	POINT_LISAS	King Village California	0.00020
Digicel	T178B	COUVA	5 Couva Village	0.00055
Digicel	T179D	SPRING_VALE	Mt. Pleasant Road, Carolina Village, Couva	0.00007
Digicel	T222	MAMORAL	Mamorol Road, Mamoral	0.00012
Digicel	T224A	MC_BEAN	9 Trotman Road Mc Bean, Couva	0.00019
Digicel	T482B	KELLY_VILLAGE	LP-2 Herreira Street, Kelly Village, Caroni	0.00062
Digicel	TD001	HASANALI COW	11A Little Caura Road, Cumuto Village	0.00006
TSTT	TND3120	Homeland Gardens	Pine Drive, Homeland Gardens	0.00017
TSTT	TND4137	Pt Lisas	Export Processing Zone, Pt. Lisas	0.00015
TSTT	TND4138	Perseverance	Perseverance Road, Chase Village	0.00011
TSTT	TND4141	Orange Valley	35 Waterloo Road, Orange Valley	0.00006
TSTT	TND4143	Couva	Southern Main Road, Couva	0.00011
TSTT	TND4144	Bank Village	LP-3 Waterloo Road (off Carli Bay Road), Pt. Lisas	0.00014
TSTT	TND4149	Calcutta	Calcutta 1 Main Road, Calcutta	0.00013
TSTT	TND4156	Chase Village	3C Siewnarine Avenue, Chase Village	0.00133
TSTT	TND4196	Chaguanas	Paria Avenue, Lange Park, Chaguanas	0.00004
TSTT	TND4198	Ragoonanan	38 Nanlal Trace (off Ragoonanan Road)	0.00002
TSTT	TND4199	Montrose	3 Main Road, Montrose, Chaguanas	0.00031
TSTT	TND4211	Hasnali	LP-102 Cumuto Road, Cumuto	0.00008
TSTT	TND4217	Carapichaima	279 Mission Road, Freeport	0.00003
TSTT	TND4218	McBean	Calcutta Settlement Road, McBean	0.00012
TSTT	TND4219	Jerry Junction	LP-55 Klentwood Drive, Perseverance Road, Carapichaima	0.00014

Service Provider	Site ID	Site Name	Address	Maximum Measured Power Density (mW/cm ²)
Central Trinidad Continued				
TSTT	TND4226	Balmain	Balmain Street, Couva	0.00008
TSTT	TND4245	Divali Nagar	Divali Nagar Site, Chaguanas	0.00174
TSTT	TND4327	Mamoral	Mamoral 1, Gransual Junction, Mamoral	0.00002
TSTT	TND4328	Enterprise	1 Freedom Street, Enterprise Village, Chaguanas	0.00103
East Trinidad				
Digicel	T152C	MAYARO_PETER_HILL	Peter Hill Road, Mayaro	0.00009
Digicel	T153B	MAYARO_ROAD	LP-237, Mayaro Road	0.00004
Digicel	T154G	GALEOTA	Galeota Point, Galeota	0.00007
Digicel	T186H	GRAND_LAGOON	4½ mile mark, Mayaro-Guayaguayare Road	0.00003
Digicel	T213C	BRISTOL_VILLAGE	LP-112 Naparima Mayaro Main Road (opp. Alice Trace), Bristol Village	0.00001
Digicel	T575A	MAYARO_SOUTH	132 Hingwan Drive, Mayaro	0.00005
TSTT	TND4131	Mafeking	Naparima Mayaro Main Road, Mafeking	0.00001
TSTT	TND4134	Mayaro	Mon Bataille Road, Guayaguayare	0.00002
TSTT	TND4135	Cumberbatch	Government Farm Road, Mayaro	0.00002
TSTT	TND4230	Galeota OPAC	Galeota Point, Galeota	0.00005
TSTT	TND4310	Guayaguayare	Randolph Rust Block, Guayaguayare	0.00006
TSTT	TSTT007	Atlantic Shores COW	Atlantic Shores, Mayaro	0.00003
TSTT	TSTT016	Mayaro-3 COW	Church Street, Mayaro	0.00005
Northeast Trinidad				
Digicel	T414A	ST AUGUSTINE UWI	UWI, St. Augustine	0.00020
Digicel	T459C	CUMOTO	Empty 3 lots next to D Bess Bakery of Cumuto Main Rd site at back	0.00004
Digicel	T485	MALONEY_HOUSING	Estate Trace, Maloney	0.00099
Digicel	T550	San Raphael East	Cumuto Tumpuna Road, San Raphael	0.00002
TSTT	TND3095	Verdant Vale	5mm Arima Blanchisseuse Road, Verdant Vale	0.00003
TSTT	TND3138	Tumpuna Road	Tumpuna Road, Guanapo Village	0.00011
TSTT	TND3210	St Augustine	25-29 Sellier Street, St. Augustine	0.00015
TSTT	TND3263	Riverside Road	LP-63, La Mango Road, St. Joseph	0.00002
TSTT	TND3310	Cumuto	LP-4856, Cumuto Main Road, Cumuto	0.00004
TSTT	TND3316	Tunapuna3	Cor. St. Cecelia St. & Braithwaite Lane, Tunapuna	0.00011
TSTT	TND3399	Bon Aire	LP58 Dhatput Seelal Trace, Arouca	0.00004
TSTT	TND3406	Ortinola	Ocono Road, Maracas, St. Joseph	0.00064
TSTT	TND3408	Auzonville	91A St. Vincent Street, Tunapuna	0.00011
Northwest Trinidad				
Digicel	T008A	QUEENS PARK CRICKET CLUB	Queen's Park Cricket Club, 94 Tragarete Road, Port-of-Spain	0.00069
Digicel	T016A	HOLOLO_WASA	Hololo Mountain Road, Cascade, St Anns	0.00029
Digicel	T017B	MORVANT_WASA	Lady Young Road, Morvant	0.00026
Digicel	T028C	CHINESE_ASS	Chinese Association, 7 St. Ann's Road, St. Ann's	0.00016
Digicel	T033C	SOLEX	Solex Building, 27 Saddle Road, Maraval	0.00042
Digicel	T041E	EL_SOCORRO_CENTRAL_WASA	Glen Lane, El Socorro	0.00006
Digicel	T044F	LA_SEIVA_MARAVAL	Pinehurst Park, Fairmont Drive, Fairways, Maraval	0.00025
Digicel	T056C	ST_JAMES_NORTH	Cor. Salazar Street and George Cabral Street, St. James	0.00083
Digicel	T061B	ST_ANNS	LP-57 Symonds Valley Road, St. Anns	0.00028
Digicel	T063B	ST_JAMES_SOUTH	Mucurapo Plaza, 31 Mucarapo Road, St. James	0.00170
Digicel	T084A	CHARLOTTE STREET	Pennywise Bldg., Charlotte St., Port-of-Spain	0.00346
Digicel	T085B	LAVENTILLE_CENTRAL	Cor. Switchblade Alley and Troumacque Avenue, Laventille	0.00026
Digicel	T086C	SOUTH QUAY COURTS	Cor. Chacon St. and South Quay, Port-of-Spain	0.00467
Digicel	T416N	ST_JOSEPH	Corner King & Nelson Sts., St. Joseph	0.00037
Digicel	T434A	GUARATA	Acono Road, Guarata	0.00041
TSTT	TND3005	Americas	Hill Top Lane, Chaguaramas	0.00003
TSTT	TND3014	La Riviera	La Riviera Apartments, Columbus Circle, Westmoorings	0.00015
TSTT	TND3032	Foreshore	71 Mucurapo Road, Mucurapo	0.00034
TSTT	TND3054	Moka	Riverview Trace (adj. Maraval Water Works), Maraval	0.00002
TSTT	TND3063	St Anns	Fondes Amandes Road, St. Ann's	0.00004

Service Provider	Site ID	Site Name	Address	Maximum Measured Power Density (mW/cm ²)
Northwest Trinidad Continued				
TSTT	TND3072	Ellerslie	4 Rapsey Street, St. Clair	0.00048
TSTT	TND3081	St Joseph	4 Bridge Road, Maracas Royal Road, St. Joseph	0.00003
TSTT	TND3187	Mt Lambert	Aranguez Estate Lands, Mt. Lambert	0.00028
TSTT	TND3284	QP_Savannah	Queen's Park Savannah, Port-of-Spain	0.00053
TSTT	TND3301	Petit Bourg	28 Thompson Lane (off Irvine Street), Petit Bourg	0.00005
TSTT	TND3302	Aranjuez	Nanan Trace, Aranguez	0.00009
TSTT	TND3303	Mt Dor	Cor. 5th Drive and Mt. Dor Road, Champ Fleurs	0.00004
TSTT	TND3312	Gaspreee	Gaspreee Island	0.00007
TSTT	TND3402	Ambassador Court	3 Da Silva Terrace, Saddle Road, Maraval	0.00062
TSTT	TSTT003	Boys Scouts COW	Boy's Scouts Headquarters, St. Anns	0.00030
TSTT	TSTT014	Port Authority	Port Authority Administration Bldg., Dock Road, Port-of-Spain	0.00013
South Trinidad				
Digicel	T156B	RIO_CLARO_LOT	Enid Village, Rio Claro	0.00025
Digicel	T157E	TABLELAND_SONNYS_BAR	1183 Naparima Mayaro Road, Tabeland	0.00001
Digicel	T159E	PRINCESS_TOWN	62 High St., Princes Town	0.00011
Digicel	T171A	PENAL_HILL_SDH	SS-Erin Main Road, Penal	0.00022
Digicel	T184A	GASPARILLO	6 Christian Drive, Caratal Road, Gasparillo	0.00022
Digicel	T185D	CLAXTON_BAY	R.C. Church, Claxton Bay	0.00006
Digicel	T347	HERMITAGE	20 Sea Crescent Drive, Hermitage	0.00001
Digicel	T351E	DUNCAN_VILLAGE	SS-Erin Main Road, Philipine Village	0.00022
Digicel	T357A	SF_HARRIS_PROMENADE	Harris Promenade, San Fernando	0.00036
Digicel	T563	FONROSE	Glod Rd., Pool Village, Fonrose - COW on site	0.00003
TSTT	TND4065	Penal	Erin Road, Penal	0.00022
TSTT	TND4100	Gasparillo	6 Allen Street, Gasparillo	0.00005
TSTT	TND4110	Princes Town	100 High Street, Princes Town	0.00009
TSTT	TND4115	Indian Walk	LP-A405 Jagville Avenue, Naparima Mayaro Main Road, Indian Walk	0.00004
TSTT	TND4127	Rio Claro	Rio Claro - Tabaquite Road	0.00002
TSTT	TND4142	Claxton Bay	TSTT Exchange, Claxton Bay	0.00004
TSTT	TND4151	Forres Park	Uriah-Butler Highway, Forres Park, Claxton Bay	0.00002
TSTT	TND4228	Duncan	LP52 Phillipine Road, Duncan Village	0.00008
TSTT	TND4229	Hermitage Road	212 Union Village, Cor. Lalloo Trace West, Claxton Bay	0.00001
TSTT	TND4236	ClaxtonBayRSC	Southern Main Road, Claxton Bay	0.00004
TSTT	TND4244	TableLand	Naparima Mayaro Mn Rd, Nxt to Hindustan high School	0.00001
TSTT	TSTT015	Diamond Village	Papourie Road, Diamond Village	0.00029
Tobago				
Digicel	T700C	FLAGSTAFF	Observatory Road, Flagstaff, Tobago	0.00007
Digicel	T704A	GRENADIAN_HILL	Canal Road, Grenadian Hill, Belle Garden, Tobago	0.00007
Digicel	T705C	GOODWOOD_TOBAGO	Majuba Trace, Goodwood, Tobago	0.00009
Digicel	T706A	GRANBY	St. James Street, Granby, Tobago	0.00009
Digicel	T707C	FRENCH_FORT	French Fort Transmitter Site, James Street, Tobago	0.06074
Digicel	T708C	SCARBOROUGH	Cor. Fort and Park Streets, Upper Scarborough, Tobago	0.00010
Digicel	T709F	SIGNAL_HILL	Signal Hill, Lambeau Road, Tobago	0.00159
Digicel	T710B	CANAAN	Milford Road, Canaan, Tobago	0.00008
Digicel	T711B	CROWN_POINT	Crown Point, Tobago	0.00007
Digicel	T714E	THE_WHIM	Whim Old Road, Dunveygan Road, Tobago	0.00001
Digicel	T715B	LES_COTEAUX	Les Coteaux Trace, Tobago	0.00002
Digicel	T716A	MASON_HALL	Top Hill Road, Mason Hall, Tobago	0.00007
Digicel	T717B	RUNNEMEDE	Des Vignes Road, Runnemedede, Tobago	0.00041
Digicel	T720B	BLOODY_BAY	Bloody Bay, Tobago	0.00002
Digicel	T721D	LOWLANDS	Milford Road, Lowlands, Tobago	0.00002
Digicel	T723B	LOWER_SCARBOROUGH	Dutch Fort Village Road, Scarborough, Tobago	0.00068
Digicel	T728B	MT_ST_GEORGE	Mt. St. George Road, Mt. St. George, Tobago	0.00004

Service Provider	Site ID	Site Name	Address	Maximum Measured Power Density (mW/cm ²)
Tobago Continued				
Digicel	T730B	PLYMOUTH_TOWN_CENTER	Cor. North And George Streets, Plymouth	0.00003
Digicel	T733A	BUCCOO	Cor. Battery and Miller Sts., Buccoo, Tobago	0.00006
Digicel	T737	Golden Lane	Golden Lane, Tobago	0.00002
Digicel	T913A	PROSPECT MW	Prospect Estate, Prospect, Tobago	0.00007
Digicel	TD006	Shaw Park	Shaw Park, Tobago	0.00006
Digicel	TD008	Dutch Fort Rooftop	Dutch Fort Village Road, Scarborough, Tobago	0.00424
TSTT	TND5003	Crown Point	Store Bay Local Road, Store Bay, Tobago	0.00006
TSTT	TND5004	Booby Point	Bluebell Avenue, Coral Gardens, Buccoo, Tobago	0.00006
TSTT	TND5005	Mt. Pleasant	Mt. Pleasant Road, Mt. Pleasant, Tobago	0.00009
TSTT	TND5008	Bethel	Orange Hill Road, Bethel, Tobago	0.00002
TSTT	TND5010	Plymouth	LP-136 Cor. Plymouth Road & River Road, Plymouth, Tobago	0.00007
TSTT	TND5011	Lowland	Hampden Road, Lowlands, Tobago	0.00022
TSTT	TND5013	Signal Hill	Signal Hill Road, Signal Hill, Tobago	0.00011
TSTT	TND5015	Les Coteaux	Les Coteaux Road, Arnos Vale, Tobago	0.00002
TSTT	TND5017	Scarborough	Cor. Main & Jerningham Streets, Scarborough, Tobago	0.00004
TSTT	TND5018	Goldenlane	Les Couteaux Road, Arnos Vale, Tobago	0.00002
TSTT	TND5021	Mason Hall	Northside Road, Mason Hall, Tobago	0.00007
TSTT	TND5022	Runnemedede	Northside Road, Runnemedede, Tobago	0.00027
TSTT	TND5023	Bacolet	Dwight Yorke Stadium, Claude Noel Highway, Bacolet, Tobago	0.00006
TSTT	TND5025	Mesopotamia	Mt. St. George Road, Mt. St. George, Tobago	0.00009
TSTT	TND5027	Ft. Granby	Granby Hill, Pembroke, Tobago	0.00002
TSTT	TND5029	Pembroke	Todd Street, Pembroke, Tobago	0.00003
TSTT	TND5030	Bloody Bay	Bloody Bay Main Road, Bloody Bay, Tobago	0.00003
TSTT	TND5036	Roxborough	Union Street, Roxborough, Tobago	0.00002
TSTT	TND5039	Charlotteville	PTSC Building, School Street, Charlotteville, Tobago	0.00004
TSTT	TND5050	Shaw Park	TSTT Shaw Park Workcenter, Shaw Park, Tobago	0.00006
TSTT	TND0020	Scarborough COW	Scarborough, Tobago	0.00026
TSTT	TND0021	Store Bay rooftop	Store Bay, Tobago	0.00020



Continuously testing to ensure
A Safe and Healthy
Telecommunications Environment
in Trinidad and Tobago

Telecommunications Authority of Trinidad and Tobago

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