



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/cm²).

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 2023 to September 2024.

The measurements recorded below are for a total of 202 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 ²)
North West Trinidad				
TSTT	TND3248	Wrightson Rd	John Donaldson Technical Institute, Wrightson Road, Port-of-Spain	0.00076
TSTT	TSTT018	Westvale Park	Maraj Drive, Westvale Park	0.00025
TSTT	TND3052	West	19 Gray Street, St. Clair, Port-of-Spain	0.00096
Digicel	T066B	The Saddle	North Coast Road, Maraval	0.00011
Digicel	T439C	Tetron	Trinidad & Tobago Regiment, Tetron Barracks, Delgado Point	0.00108
TSTT	TND3001	Tetron	Delgada Point, Chaguaramas	0.00107
Digicel	T003B	St James RBTT	70 Western Main Road, St. James	0.00196
TSTT	TND3056	St Andrews GC	St. Andrew's Golf Club, Maraval	0.00022
Digicel	T506A	Sea View	Tagos Compound, LP-192 Western Main Road, Carenage	0.00030
Digicel	T418B	Santa Cruz	Saddle Road, Santa Cruz	0.00012
Digicel	T051A	San Juan Greenfeild	Cor. First Street and Saddle Road, San Juan	0.00180
TSTT	TND3184	San Juan 3	Patraj Trace, El Socorro Ext., San Juan	0.00135
TSTT	TND3217	San Juan	103 El Socorro Road, San Juan	0.00120
TSTT	TND3046	Qp Oval	Queen's Park Oval, Havelock Street, St. Clair	0.00063
TSTT	TND3080	Poolside 2	25 Poolside 2, Maracas St. Joseph	0.00050
Digicel	T917B	Paramin SDH	Bala Vage Road, Upper North Paramin, Saut D'Eau Road	0.00008
TSTT	TND3189	Old St Joseph Road	Cor. Old St. Joseph Road and Wharton Road, Laventille	0.00056
Digicel	T004E	Newtown_Picton_Car_Park	82 Picton Street, Port-of-Spain	0.00089
TSTT	TND3034	Mucurapo	13 Henry Pierre Street, Woodbrook	0.01030
Digicel	T007B	Movie Towne	Lot D Movie Towne Blvd, POS	0.00027
Digicel	T026H	Mount Lambert	7 First Avenue, Mount Lambert	0.00072
TSTT	TND3049	Maraval3	148 Lakham Road, Maraval	0.00032
TSTT	TND3057	Maraval2	156 Saddle Road, Maraval	0.00008
Digicel	T031J	Maraval	3 Morne Coco Road, Maraval	0.00029
Digicel	T088C	Maracas St Joseph	2 Alta Garcia Gardens, Maracas Valley, St. Joseph	0.00017
Digicel	T452A	Maracas_Road_2	Off Fond Pois Doux Road, Maracas	0.00008
TSTT	TSTT010	Maracas St. Joseph COW	Maracas Royal Road, St. Joseph	0.00015
TSTT	TND3078	Maracas	North Coast Road, Maracas	0.00057
Digicel	T029D	Malick_Wasa	Opp. 6th Avenue and 9th Street, Malick, Barataria	0.00144
TSTT	TND3311	Malick Barataria	41 3rd Street, Barataria	0.00187
Digicel	T002A	Long Circular Mall	Long Circular Mall, 51-53 Long Circular Rd., St. James	0.00182
Digicel	T018B	Laventille_East	Old St. Joseph Road, Laventille	0.00014
Digicel	T094A	Lady_Young_Road	Neal & Massy Compound, Lady Young Road	0.00038
TSTT	TND3320	Lady Young Road N And M	Neal and Massy Motors Compound, Lady Young Road, Morvant	0.00058
TSTT	TND3070	Lady Young Road	Lady Young Road, Morvant	0.00390
Digicel	T460E	La_Ceiba	La Baja Road, Maracas-St. Joseph	0.00019
TSTT	TND3079	La Celba	Maracas Royal Road, St. Joseph	0.00011

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Digicel	T011B	John Donaldson Tech Inst.	John Donaldson Technical College, Wrightson Road, Port-of-Spain	0.00094
TSTT	TND3314	Jaggan Village	LP-137 Saddle Road, Santa Cruz	0.00009
Digicel	T013A	Independence Sq. RBTT	55 Independence Square, Port-of-Spain	0.00294
Digicel	T022C	Furness House	90 Independence Square, Port-of-Spain	0.00042
TSTT	TND3206	Fernandes Compound	7 Jereton Street (off Lady Young Avenue), Morvant	0.00078
Digicel	T020B	El Socorro_South	WASA Compound, Cor. Churchill Roosevelt Highway & El Socorro Ext., El Socorro	0.00097
TSTT	TND3170	El Socorro	Don Miguel Road, El Socorro	0.00280
TSTT	TND3211	Colsort	Colsort Mall, Frederick Street, Port-of-Spain	0.00221
TSTT	TND3304	Champ Fleurs	King Street, Champ Fleurs	0.00070
TSTT	TND3065	Cascade	56 Cascade Road, Cascade	0.00126
Digicel	T019C	Caribbean Radiator	Lots 2A & 2B, Estate Trace, Barataria	0.00051
TSTT	TND3205	Brian Lara TSTT	Brian Lara Promenade, Port of Spain	0.00270
TSTT	TND3077	Bourg Malatresse	LP-44 Saddle Road, San Juan	0.00004
TSTT	TND3159	Boundry Rd	76 Boundary Road, San Juan	0.00099
Digicel	T009A	Belmont_Orphanage	St. Dominic's Home, Lalcott Lane (off Belle Ear Road), Belmont	0.00431
TSTT	TND3062	Belmont	67 Norfolk Street, Belmont, Port-of-Spain	0.00098
Digicel	T037B	Beetham WASA	Beetham Highway, Lavantille	0.00054
TSTT	TND3185	Barataria	Estate Trace, Barataria	0.00134
Digicel	T498	Aranguez	54 Aranguez Main Rd., Aranguez	0.00470
TSTT	TND3007	Carenage	Ocean Breeze Building, Western Main Road, Carenage	0.00006
TSTT	2445	LCR_Owp_Ion_N3	Lady Chancellor Road, Port of Spain	0.00011
TSTT	2445	LCR_Owp_Ion_N6	Lady Chancellor Road, Port of Spain	0.00004
TSTT	2445	LCR_Owp_Ion_N2	Lady Chancellor Road, Port of Spain	0.00024
TSTT	2445	LCR_Owp_Ion_N4	Lady Chancellor Road, Port of Spain	0.00017
TSTT	2445	LCR_Owp_Ion_N7	Lady Chancellor Road, Port of Spain	0.00009
TSTT	2445	LCR_Owp_Ion_N1	Lady Chancellor Road, Port of Spain	0.00077
TSTT	TND3036	Lindas	Linda's Bakery, Western Main Road, St. James	0.00031
Digicel	T060B	St_James_East	Mi Casa Building, Cor. Western Main Road and Long Circular Road, St. James	0.00004
TSTT	TND3419	Hilton Car Park	Northern Car Park, Hilton Hotel and Conference Center, Port-of-Spain	0.00008
Digicel	TD010	Hilton Rooftop	Lady Young Road	0.00007
TSTT	TND3026	Cocorite	Western Main Road, Cocorite	0.00013
Digicel	T005F	Garden_City	LP58 5 Sierra Leon Road, Diego Martin	0.00185
Digicel	T021C	Eckankar Cen Aripita Ave	Cor. Murray St. and Aripita Ave., Woodbrook, Port-of-Spain	0.00062
TSTT	2388	LYR_Ion-M_N4	Lady Yound Road, Morvant	0.00008
Digicel	T916D	Tatil Bldg SDH	Maraval Road, Port-of-Spain	0.00012
TSTT	2388	LYR_Ion-M_N3	Lady Yound Road, Morvant	0.00002
TSTT	2388	LYR_Rru_Pole_1	Lady Yound Road, Morvant	0.00017
TSTT	2388	LYR_Rru_Pole_2	Lady Yound Road, Morvant	0.00003
TSTT	2388	LYR_Ion-M_N2	Lady Yound Road, Morvant	0.00017
TSTT	2388	LYR_Ion-M_N5	Lady Yound Road, Morvant	0.00057
TSTT	TND3022	St Lucien Rd	Gopaul Avenue, Diego Martin	0.00006
TSTT	TND3027	Petite Valley	Cor. Stoer Road and Morne Coco Road, Petit Valley	0.00015
Digicel	T064G	Diego_South	Starlite Terrace, Cuthbert Circular Road, Four Roads, Diego Martin	0.00006
TSTT	TND3050	Maraval1	Shoppes of Maraval, 3 Saddle Road, Maraval	0.00012
TSTT	TND3037	Ambassador	Camp Ogden, Long Circular Road, St. James	0.00008
North East Trinidad				
TSTT	TND3290	Valsayn North	22 Gilwell Road, Valsayn North	0.00110
TSTT	TND3291	Valsayn South	Butu Road, Valsayn South	0.00097
TSTT	TND3349	UWI Evans Street	Evans Street, Curepe	0.00106
TSTT	TSTT012	Tunapuna COW	Cor. Churchill-Roosevelt Highway & Streatham Lodge Road, Tunapuna	0.00034
Digicel	T621	Tumpuna Road Rooftop	Cor. Church Street and Tumpuna Road	0.00006
TSTT	TND3177	Trincity 2	434 Eastern Main Road, Dinsley	0.00025
Digicel	T410B	Trincity	Trincity Mall, Trincity Central Road, Trincity	0.00059
Digicel	T665	Tacarigua Paradise	8 Balgobin Street (off Crown Street), Tacarigua	0.00005
Digicel	T412B	Tacarigua	Trintoplan Consultants, Orange Grove Road, Tacarigua	0.00054
TSTT	TND3191	Tacarigua	12 Eastern Main Road, Tacarigua	0.00032
TSTT	TND3149	Santa Rosa RSC	Tumpuna Road, Santa Rosa, Arima	0.00006
Digicel	T399A	Sangre_Grande_East	1¼ mm Sangre Grande-Oropouche Road, Sangre Grande	0.00004
Digicel	T401K	Sangre_Grande	Cor. Paul and Juteram Streets, Sangre Grande	0.00008
Digicel	T462A	Sangre_Chiquito	LP-1016 La Vega Farm Ltd., Eastern Main Road, Sangre Chiquito	0.00006
TSTT	TND3323	Sangre Grande 2	LP-78 2½ mm Toco Main Road, Sangre Grande	0.00004
TSTT	TND3127	Sangre Grande	Eastern Main Road, Sangre Grande	0.00006
TSTT	TND4208	Sangre Chiquita	Cor. Main Road and Kowlessar Road, Sangre Chiquita	0.00026
Digicel	T622	Omera_Road_Rooftop	LP-22 O'Meara Road, Arima	0.00007
Digicel	T407B	O'meara	Cor. O'Meara Road and Churchill Roosevelt Highway, Arima	0.00017
Digicel	T415G	Nestle Intersection	Cor. Churchill-Roosevelt and Uriah-Butler Highways	0.00012
TSTT	TND3168	Nestle	Nestle, Churchill Roosevelt Highway	0.00013
TSTT	TND3197	Mt Hope	Cor. Mount Hope and Thompson Streets, Mount Hope	0.00043
TSTT	TND3179	Macoya	Century Drive, Macoya	0.00046
Digicel	T070B	Lopinot_Lower	Lopinot Main Road, Lopinot	0.00013
TSTT	TND3228	Lopinot 1	LP-67 Lopinot Road, Lopinot	0.00027

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North East Trinidad				
Digicel	T423D	Las_Cuevas	Paria Main Road, Las Cuevas	0.00006
TSTT	TND3131	Larry Gomes Stadium	Larry Gomes Stadium, Malabar, Arima	0.00036
TSTT	TND3085	La Fillette	Chapara Point, La Fillette	0.00005
Digicel	T398A	Guaico	Cor. Guaico-Tamana Road and Mannick Street, Guaico	0.00007
TSTT	TND3135	Guaico	WASA Compound, Turure Road, Guaico	0.00002
TSTT	TND3156	Grand Bazaar	Grand Bazaar	0.00054
Digicel	T075B	Fishing_Pond	LP-218 Fishing Pond Road, Sangre Grande	0.00019
Digicel	T624	D'Abadie_Rooftop	Cosmo's Auto World, Eastern Main Road, D'Abadie	0.00025
Digicel	T474B	D'Abadie	LP-519 Back-a-Day Road, D'Abadie	0.00058
TSTT	TND3084	Caura1	LP-57 Caura Royal Road, Caura	0.00007
Digicel	T074B	Caura_Upper	LP 101 Caura Royal Road, Upper Caura	0.00011
Digicel	T472B	Cane_Farm	Cor. Lime Grove Road and 11 Street West, Cane Farm	0.00037
TSTT	TND3163	Calvary Hill	Calvary Hill, Arima	0.00009
Digicel	T465A	Brazil	75 Talparo Village, Upper Caroni	0.00003
TSTT	TND3092	Blanchisseuse	LP-6B Eva Charles Road, Blanchisseuse	0.00002
Digicel	T424A	Blanchisseuse	Beatrice Street, Blanchisseuse	0.00090
Digicel	T409A	Arouca	Opp. KFC, Eastern Main Road, Arouca	0.00046
Digicel	T469B	Arima_West	Corner of Cleaver Road and Eastern Main Road, Arima	0.00170
Digicel	T470C	Arima_South	Lutchmansingh Avenue, Arima	0.00016
Digicel	T475A	Arima_North	2 Arima Bypass Road, Arima	0.00004
Digicel	T468G	Arima_East	Cor. Chung's Private Road and Eastern Main Road, Arima	0.00011
East Trinidad				
Digicel	T108A	Point Radix	Point Radix Road, Mayaro	0.00006
TSTT	TND4183	Manzbchfcly	Palmzanilla Estate, Eastern Main Road, Manzanilla	0.00005
Digicel	T582A	Manzanilla_Stretch	73.5kmm Manzanilla Mayaro Road, Manzanilla	0.00001
TSTT	TND4197	Manzanilla RSC	Eastern Main Road & Plum Mitan Road, Manzanilla	0.00007
TSTT	TND4185	Manzanilla	Kernahan Road, Manzanilla	0.00004
Digicel	T151A	Brigand_Hill	Maritime Division	0.00034
TSTT	TND4182	Brigand Hill	Plum Mitan Road, Brigand Hill, Manzanilla	0.00063
Central Trinidad				
TSTT	TSTT011	Warrenville COW	Emmanuel Trace, Warrenville	0.00022
TSTT	TND3124	Warren Village	LP-62 Ramsaran Trace, Warren Village, Cunupia	0.00020
Digicel	T435C	UB_Highway_South	Cor. Uriah Butler Highway and Bejucal Road, Cunupia	0.00036
Digicel	T451E	UB_Highway_North	Access road off Radio 730 lot, Uriah-Butler Highway	0.00145
TSTT	TND4178	Tamana	Four Roads, Tamana	0.00004
Digicel	T635	St Mary's Junction Rooftop	Freeport Shopping Plaza, St. Mary's Junction	0.00009
TSTT	TND3157	Sports Club	Old Southern Main Road, Caroni	0.00309
TSTT	TND3122	San Rafael	Talparo Road, San Rafael	0.00004
TSTT	TND4195	Ravine Sable	Hill Top Road (off Ravine Sable Road), Longdenville	0.00023
TSTT	TND4202	Petersfield	Woodford Lodge Estate, Petersfield	0.00076
TSTT	TND4188	Palmiste	LP-278 Caparo Valley Road, Brasso, Longdenville	0.00026
Digicel	T228	Mon_Plasir	4A Alligator Trace (off Warren Munroe Road), Warrenville	0.00010
Digicel	T195D	Longdenville	Edinburgh Road, Longdenville	0.00030
TSTT	TND4190	Longdenville	62 Cor. Neilson and St. Louis Streets, Longdenville	0.00057
TSTT	TND4139	IPSL	Industrial Plant Services Ltd., Caspian Dr., Pt. Lisas Industrial Estate, Couva	0.00068
Digicel	T191A	Gran_Couva	San Coco Road, Gran Couva	0.00029
Digicel	T440A	Felicity	63 Cacandee Road, Felicity, Chaguanas	0.00018
TSTT	TND4200	Felicity	32 Makhhan Street, Felicity	0.00074
Digicel	T493	Endeavour	4 Endeavour Road, Chaguanas	0.00048
TSTT	TND4209	Cunaripo	Guaico Tamana Main Road, Guaico	0.00004
Digicel	T555	Cunaripa	16 Little Caura Road, Cunaripa	0.00004
Digicel	T207	Couva_West_Rooftop	Cor. Southern Main Rd. and Carli Bay Rd., Couva	0.00034
TSTT	TND4161	Couva Road	443 Powdharie, Preysal Village, Couva	0.00003
TSTT	TND4206	Chinchin	Chin Chin Junction, Southern Main Road, Cunupia	0.00160
Digicel	T455A	Chin_Chin	LP-51 Chin Chin Road, Cunupia	0.00170
Digicel	T397A	Cheeyou	Cunapo Junction Road, Cheeyou	0.00008
TSTT	TND4187	Cheeyou	LP-90 2¾ mm Cunapo Southern Road, Coal Mine, Sangre Grande	0.00007
TSTT	TND4210	Charlieville	22 Saleem Avenue, Franci Lala Road, Charlieville	0.00066
Digicel	T632	Chaguanas_Montrose_Rooftop	Plaza de Montrose, Chaguanas	0.00008
Digicel	T404A	Chaguanas_Montrose	Montrose Junction, Chaguanas	0.00002
Digicel	T467A	Chaguanas_Enterprise	Boodram Street, Longdenville	0.00014
Digicel	T100B	Chaguanas_Switch	Chan Ramlal Road, Charlieville	0.00028
Digicel	T402F	Chaguanas_Central	Republic Carpets Bldg., Hakim Juman Road, Chaguanas	0.00011
TSTT	TND4166	CCN	Morne Coco Road, Gran Couva	0.00183
TSTT	TND4163	Carlsen Field	Thompson Trace, Longdenville	0.00013
Digicel	T208	Carapichima	Carillion Waterloo Depot, Waterloo Road	0.00007
Digicel	T244A	Carapichima_Central	Cor. Mahaica Trace and Waterloo Road	0.00004
TSTT	TND3121	Butler	Off Charlieville Flyover, Uriah Butler Highway, Charlieville	0.00063
TSTT	TND4172	Brasso Road	156 Brasso Road, Brasso	0.00007
TSTT	TND4167	Brasso Caparo	LP-346 Gran Couva Road	0.00011
TSTT	TND3140	Bird Sanctuary	LP-72W CIR21 SL22, Solomon Hochoy Highway	0.00053

Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm ²)
South Trinidad				
TSTT	TND4231	Tarouba 2	Cor. Coquette Street and Manahambre Road, Ste. Madeline	0.00016
Digicel	T361K	Ste Madeline	Manahambre Road, Ste. Madeline	0.00022
Digicel	T162C	Siparia_Lot	Anglican Church, Siparia	0.00066
Digicel	T363O	Sf Mon Repos	6 Naparima Mayaro Road, Cocoyea Village, San Fernando	0.00008
Digicel	T364F	Sf Marabella	58A Battoo Blvd. Ext. Road, Marabella	0.00004
Digicel	T356A	Sf Chelsea Apts	Chelsea Heights Apartments, 9-11 London Street, St. Joseph Village, San Fernando	0.00008
TSTT	TND4249	Sanfrancique Rd 2	LP-110 La Fortune, Pluck Road, San Francique	0.00020
TSTT	TND4140	Palmiste Gardens	58 Shady Lane, Lot 5, Palmiste	0.00003
TSTT	TND4095	Mon Repos	EPA 261 Guayaguayare Road	0.00010
TSTT	TND4069	Library Corner	2 Mucurapo St San Fernando	0.00333
TSTT	TND4072	Coffee St	101 Ciperio Street, Gooding Village, San Fernando	0.00182
Digicel	T637	Claxton Bay Rooftop	St. Margaret's Mall, St. Margaret's Junction	0.00009
TSTT	TND4063	Ciperio Work Center	Ciperio Road, San Fernando	0.00019
TSTT	TND4061	Ciperio Street	101 Ciperio Street, Gooding Village, San Fernando	0.00041
Tobago				
Digicel	T707C	French Fort	French Fort Transmitter Site, James Street, Tobago	0.00703
Digicel	T723B	Lower_Scarborough	Dutch Fort Village Road, Scarborough, Tobago	0.00041
Digicel	TD006	Shaw Park	Shaw Park, Tobago	0.00005
TSTT	TND5023	Bacolet	Dwight Yorke Stadium, Claude Noel Highway, Bacolet, Tobago	0.00170
TSTT	TND5050	Shaw Park	TSTT Shaw Park Workcenter, Shaw Park, Tobago	0.00013
Digicel	T711B	Crown Point	Crown Point, Tobago	0.00014
Digicel	T721D	Lowlands	Milford Road, Lowlands, Tobago	0.00011
Digicel	T733A	Buccoo	Cor. Battery and Miller Sts., Buccoo, Tobago	0.00042
Digicel	T913A	Prospect MW	Prospect Estate, Prospect, Tobago	0.00006
TSTT	TND5004	Booby Point	Bluebell Avenue, Coral Gardens, Buccoo, Tobago	0.00018
TSTT	TND5010	Plymouth	LP-136 Cor. Plymouth Road & River Road, Plymouth, Tobago	0.00010
TSTT	TND5011	Lowland	Hampden Road, Lowlands, Tobago	0.00034

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Consumer Complaints Hotline: 800-8288

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



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



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