



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. The initiatives include ensuring the strictest possible internationally acceptable limits for cell sites, which also fall into the category of radio transmitting equipment.

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 recommended after TATT conducted a comparative analysis of the limits of the US Federal Communications Commission and the International Commission on Non-Ionizing Radiation Protection. The analysis was conducted 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.

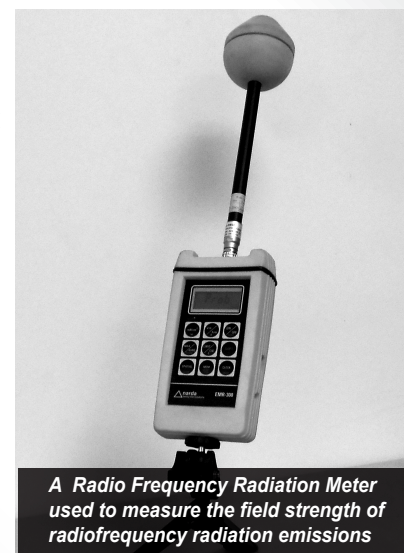
To ensure all operators of licenced radio transmitting equipment abide by these strict standards, TATT engages in a continuous programme of measuring and recording radiofrequency radiation emissions from all sites throughout the country and publishes the results.

The objective of this initiative, which began in May 2006, 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 2020 to September 2021.

The measurements recorded below are for a total of 163 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				
Digicel	T002A	Long Circular Mall	Long Circular Mall, 51-53 Long Circular Road, St. James	0.00065
Digicel	T003B	St. James RBTT	70 Western Main Road, St. James	0.00159
Digicel	T005F	Garden City	LP58 5 Sierra Leon Road, Diego Martin	0.00048
Digicel	T021C	Eckankar Centre, Ariapita Avenue	Corner Murray Street and Ariapita Avenue, Woodbrook, Port-of-Spain	0.00099
Digicel	T060B	St. James East	Mi Casa Building, Corner Western Main Road and Long Circular Road, St. James	0.00024
Digicel	T064G	Diego Martin South	Starlite Terrace, Cuthbert Circular Road, Four Roads, Diego Martin	0.00029
Digicel	T437C	Goodwood Park WASA	WASA Compound, Goodwood Park, Glencoe	0.00086
Digicel	T443	Mourne Catherine	Coast Guard Premises, Mourne Catherine, Chaguaramas	0.00018
Digicel	T521	Sam Boucaud	Sam Boucaud Road, Santa Cruz	0.00002
Digicel	T525	La Canoa	LP-38 La Canoa Road, Lower Santa Cruz	0.00004
Digicel	T916D	TATIL Building SDH	Maraval Road, Port-of-Spain	0.00021
Digicel	TD010	Hilton Rooftop	Lady Young Road	0.00016
TSTT	TND3230	San Juan 2	Hazel Street (off Newalloville Avenue), San Juan	0.00058
TSTT	2388	LYR_ION-M_N2	Lady Young Road, Morvant	0.00012
TSTT	2388	LYR_ION-M_N3	Lady Young Road, Morvant	0.00019
TSTT	2388	LYR_ION-M_N4	Lady Young Road, Morvant	0.00047
TSTT	2388	LYR_ION-M_N5	Lady Young Road, Morvant	0.00012
TSTT	2388	LYR_RRU_Pole_1	Lady Young Road, Morvant	0.00015
TSTT	2388	LYR_RRU_Pole_2	Lady Young Road, Morvant	0.00013
TSTT	2445	LCR_OWP_ION_N1	Lady Chancellor Road, Port of Spain	0.00002
TSTT	2445	LCR_OWP_ION_N2	Lady Chancellor Road, Port of Spain	0.00017
TSTT	2445	LCR_OWP_ION_N3	Lady Chancellor Road, Port of Spain	0.00031
TSTT	2445	LCR_OWP_ION_N4	Lady Chancellor Road, Port of Spain	0.00003
TSTT	2445	LCR_OWP_ION_N6	Lady Chancellor Road, Port of Spain	0.00019
TSTT	2445	LCR_OWP_ION_N7	Lady Chancellor Road, Port of Spain	0.00003
TSTT	2453	Nahous (Rooftop Site)	44 Petra Street, Ariapita Avenue,	0.00145
TSTT	2457	La Sagasse	LP 60 Santa Barbara Boulevard, Santa Cruz	0.00004
TSTT	2485	La Canoa	LP-6 La Canoa Road, Santa Cruz	0.00001
TSTT	TND3004	Chaguaramas	Western Main Road, Chaguaramas	0.00023
TSTT	TND3006	Macqueripe	Maqueripe Road	0.00001
TSTT	TND3007	Carenage	Ocean Breeze Building, Western Main Road, Carenage	0.00059
TSTT	TND3008	Sea View	Main Road, L'Anse Mitan, Carenage	0.00048
TSTT	TND3012	Glencoe	23A Goodwood Avenue (off Goodwood Ridge), Goodwood Park	0.00006
TSTT	TND3013	Westmoorings	TTYC, Western Main Road, Westmoorings	0.00041

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Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm ²)
TSTT	TND3015	Goodwood Park	Goodwood Crescent Park (off Western Main Road), Bayshore	0.00008
TSTT	TND3016	Aquamarine Drive	66 Aquamarine Drive, Diamond Vale, Diego Martin	0.00065
TSTT	TND3018	Blue Range	Diego Martin Main Road, Blue Range, Diego Martin	0.00040
TSTT	TND3022	St. Lucien Road	Gopaul Avenue, Diego Martin	0.00086
TSTT	TND3024	Blue Basin	Blue Basin, Diego Martin	0.00013
TSTT	TND3026	Cocorite	Western Main Road, Cocorite	0.00045
TSTT	TND3027	Petit Valley	Corner Stoer Road and Morne Coco Road, Petit Valley	0.00060
TSTT	TND3036	Lindas	Linda's Bakery, Western Main Road, St. James	0.00135
TSTT	TND3037	Ambassador	Camp Ogden, Long Circular Road, St. James	0.00045
TSTT	TND3050	Maraval 1	Shoppes of Maraval, 3 Saddle Road, Maraval	0.00100
TSTT	TND3074	Santa Cruz	Money Avenue, Cantaro Village, Santa Cruz	0.00014
TSTT	TND3076	Febeau Village	Saddle Road, Febeau Village, San Juan	0.00037
TSTT	TND3341	North Post	North Post Road, Diego Martin	0.00088
TSTT	TND3419	Hilton Car Park	Northern Car Park, Hilton Trinidad and Conference Center, Port-of-Spain	0.00117
TSTT	2200	Garden City COW	Gerald Ramkissoon Avenue No. 2	0.00019
TSTT	TND3425	Glencoe North	Off La Horquette Valley Road, Glencoe	0.00018
TSTT	TND3314	Jaggan Village	LP-137 Saddle Road, Santa Cruz	0.00005
TSTT	TND3306	Lower Paramin	67 Saut D'Eau Road, Paramin	0.00001
TSTT	TND3402	Ambassador Court	3 Da Silva Terrace, Saddle Road, Maraval	0.00006
TSTT	TND3263	Riverside Road	LP-63, La Mango Road, St. Joseph	0.00010
East Trinidad				
Digicel	T413A	St. Augustine Emerald Apartments	Emerald Plaza and Apartments, 11 Eastern Main Road, St. Augustine	0.00021
Digicel	T473B	Macoya	Centre of Excellence, Macoya	0.00036
Digicel	T496	Carapo	Jugmohan Trace, Carapo	0.00005
Digicel	T627	El Dorado Rooftop	Home Center Tunapuna Limited	0.00017
Digicel	T665	Tacarigua Paradise	8 Balgobin Street (off Crown Street), Tacarigua	0.00016
Digicel	TD005	JetPak Building	JetPak Building, Piarco	0.00030
Digicel	T503	Larry Gomes Stadium	Corner Nu Tones Boulevard and Malabar Extension Road, Malabar	0.00021
Digicel	T050	Curepe South	13 Bassie Street, Valsayn	0.00008
Green Dot	GDMAL01	MAL- Maloney	#37 Maloney Settlement, Red Hill, D'Abadie	0.00002
TSTT	2490	Warner Street	1 Warner Street, Dry River Trace, St. Augustine	0.00002
TSTT	TND3177	Trincity 2	434 Eastern Main Road, Dinsley	0.00040
TSTT	TND3182	Tunapuna 2	St. Cecelia Road, Tunapuna	0.00082
TSTT	TND3192	Tunapuna	59 Eastern Main Road, Tunapuna	0.00045
TSTT	TND3349	UWI Evans Street	Evans Street, Curepe	0.00105
TSTT	TND3420	Nancoo Village	Caroni South Bank Road, Las Lomas #2	0.00007
TSTT	1804	Sawmill Arima	Corner Olton Road and Brandon Bailey Drive, Arima	0.00019
TSTT	2209	Piarco Junction COW	Samford Road, Piarco	0.00080
TSTT	2428	Trincity Mall	Trincity Boulevard, Trincity	0.00047
TSTT	8476	Garden Village	D'Abadie	0.00009
North East Trinidad				
Digicel	T403	Sangre Grande North	Ojoe Street Recreation Grounds, Sangre Grande	0.00003
Digicel	T574A	Sangre Chiquito South	6 Eastern Main Road, Sangre Grande	0.00013
TSTT	2636	Mission	Paria Main Road, Toco	0.00012
TSTT	2217	Rampanalgas 2	19¼ Mile Mark Rampanalgas, Balandra	0.00022
TSTT	2618	Toco Main Road	Valencia Road /Toco Main Road	0.00009
Central Trinidad				
Digicel	T191A	Gran Couva	San Coco Road, Gran Couva	0.01057
Digicel	T576	Point Lisas North	Gilbert Park, Point Lisas	0.00026
TSTT	TND4139	IPSL	Industrial Plant Services Ltd., Caspian Drive, Pt. Lisas Industrial Estate, Couva	0.00005
TSTT	TND4145	St. Margarets	Southern Main Road, Plaisance Park	0.00010
TSTT	2798	Chaguanas Henry Street WC	Henry Street, Montrose, Chaguanas	0.00022
TSTT	2646	Center Point Mall	Ramsaran Street, Chaguanas	0.00097
TSTT	2798	Atlantic Plaza	Point Lisas	0.00031
TSTT	2664	Indian Trail	Indian Trail Road, Couva	0.00010
TSTT	TND4194	Chaguanas Warehouse	Chaguanas Main Road, Chaguanas	0.00012
South Trinidad				
Digicel	T205	Penal Rock Road	103 Solomon Knox Road, Penal	0.00010
Digicel	T099E	Barrackpore Central	Mohess Cemetary Road, Boodoo Branch Trace Road 3, Barrackpore	0.00012
Digicel	T176A	Pointe-A-Pierre RC Church	Street Peter's R.C. Church, Southern Main Road, Point-a-Pierre	0.00013
Digicel	T217	Quarry Village	Road Reserve off Spring Trace, S.S.-Erin Road, Siparia	0.00003
Digicel	T241	Rochard Douglas	Douglas Road & Cumuto Road	0.00006
Digicel	T348A	Marabella North	Union Road, Marabella	0.00025
Digicel	T350	Palmiste	Church Street, Rambert Village, La Romain	0.00008
Digicel	T359B	SF Technical Institute	San Fernando Technical Institute, San Fernando	0.00005
Digicel	T560	Moruga 2	R.C. Church, Moruga Road, Moruga	0.00003
Digicel	T565	La Lune	Moreau Road, La Lune	0.00006
Digicel	T572	Mon Desir	Road Reserve off Mon Desir Delhi Road	0.00007

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Service Provider	Site ID	Site Name	Address	Maximum Power Density (mW/cm ²)
Digicel	T902C	Tortuga MW	Mayo Road, Tortuga	0.00009
TSTT	TND4092	Gasparillo 2	191 Mount Carmel Road, Marabella	0.00007
TSTT	TND4057	Gulf City	KFC Gulf View	0.00305
TSTT	TND4075	Marabella	Tropical Plaza, Marabella	0.00007
TSTT	TND4081	Marabella 3	191 Southern Main Road, Marabella	0.00097
TSTT	TND4083	Vistabella	London Street, St. Joseph Village, San Fernando	0.00024
TSTT	TND4086	Joga Grant	Joga Grant Road, Vistabella	0.00012
TSTT	TND4233	Princes Town WC	143 Matilda Junction, Princes Town	0.00059
TSTT	TND4337	Ecclesville	35 Macomar Trace (NE corner), Ecclesville, Rio Claro	0.00004
TSTT	TND4338	Atlantic LNG	Corner Clifton Crescent & Hilltop Avenue, Clifton Hill, Point Fortin	0.00006
TSTT	1802	Kanhai	106 Kanhai Road South, Barrackpore	0.00016
TSTT	2805	Sumani Trace P	Barrackpore/Penal	0.00006
TSTT	2834	Duncan 2 (Rooftop Site)	183 SS Erin Road, San Fernando	0.00134
TSTT	8821	Bonasse 3	LP217 Southern Main Road, Bonasse Village, Cedros	0.00002
TSTT	8850	Cochrane 2	Cochrane, Point Fortin	0.00028
TSTT	8742	PSAEL COW	SS Erin Road, Palo Seco	0.00005
TSTT	8811	Petrotrin Beach Camp	Petrotrin Beach Camp	0.00002
TSTT	8783	Barrackpore	2 Scale Street, Barrackpore	0.00006
TSTT	8730	Bonasse	Road Reserve off Southern Main Road, Bonasse Village	0.00005
TSTT	8731	Bonasse 2	3640 Coromandel Village, Southern Main Road Bonasse	0.00002
TSTT	8743	Buenos Ayres	192-4 Erin Road, Buenos Ayres	0.00004
TSTT	8734	Cap-De-Ville	LP-1854 39 Kmm Southern Main Road, Cap-de-Ville, Forest Reserve	0.00005
TSTT	8733	Chatham	Chatham Road, Chatham	0.00015
TSTT	8782	Clarke Road	Clarke Hill, Clarke Road	0.00017
TSTT	8736	Cochrane	Le Retraite Road, Hubetstown, Cochrane, Point Fortin	0.00013
TSTT	8732	Coromandel	Sans Souci Trace, Coromandel	0.00033
TSTT	8717	Debe	Ring Road, Street Mary's Village, Debe	0.00008
TSTT	8744	Erin Road	SS-Erin Main Road, Quarry Road, Quarry Village	0.00004
TSTT	8729	Fullerton	Perseverance Road, Fullerton	0.00006
TSTT	8724	Fyzabad East	102 LP-18/Fyzabad Branch Road, Fyzabad	0.00003
TSTT	8720	Fyzabad	Pepper Village, Fyzabad	0.00037
TSTT	8728	La Brea	B Road, La Brea	0.00013
TSTT	8725	LaRomain 2	Church Street, La Romain	0.00018
TSTT	8739	Los Iros	LP-8036 SS-Erin Main Road, Santa Flora	0.00008
TSTT	8741	Los Bajos	Los Bajos, Palo Seco	0.00005
TSTT	8718	Monkey Town	LP-195 Papourie Road, Monkey Town	0.00023
TSTT	8727	Otaheite	Between LP-1399 and LP-1416, Southern Main Road, Otaheite	0.00010
TSTT	8740	Palo Seco	Refinery Road, Los Bajos, Palo Seco	0.00007
TSTT	8749	Penal	Erin Road, Penal	0.00037
TSTT	8751	Penal Rock Road	Penal Rock Road, Penal	0.00009
TSTT	8754	Penal Rock Road 2	Clark Hill, Clark Road, Penal	0.00005
TSTT	8750	Penal Rock Road 3	Penal Rock Road, Penal	0.00009
TSTT	8723	Pluck Road	258 Woodland Main Road, Woodland	0.00003
TSTT	8735	Point Fortin	16-19 Peter's Road, Point Fortin	0.00031
TSTT	8745	Rancho Quemado	7 Los Iros Road, Erin	0.00023
TSTT	8726	Rousillac	Grace Street, Rousillac	0.00016
TSTT	8227	Samars COW	Samar Entertainment Center, SS-Erin Main Road, Debe	0.00009
TSTT	8722	San Francique	LP-110 La Fortune, Pluck Road, San Francique	0.00023
TSTT	8748	Siparia 2	LP-298 Syne Trace, SS-Erin Main Road, Siparia	0.00004
TSTT	8721	Thick Village	LP-A81 Siparia Road, Thick Village	0.00006
TSTT	2695	Williamsville	Guacara Tabaqueite Road.(Stackhouse compound)	0.00026
Tobago				
Digicel	T909	Bethel	52 Green Corner, Bethel, Tobago	0.00003
TSTT	TND9993	Bon Accord	Mt. Pleasant Water Treatment Plant, Bon Accord, Tobago	0.00004
TSTT	1235	Pigeon Point	Wind Hole area, Pigeon Point Heritage Park, Tobago	0.00005
TSTT	1239	Magdalena	Magdalena Hotel, Tobago	0.00007
TSTT	1940	Moriah TSTT	Mt. Thomas Road, Moriah, Woodland Estate, Tobago	0.00001
TSTT	2933	Bacolet Gardens ION	Bacolet Street, Tobago	0.00021
TSTT	2933	Bacolet Gardens ION_N2	Bacolet Street, Tobago	0.00034
TSTT	2933	Bacolet Gardens ION_N3	Bacolet Street, Tobago	0.00027
TSTT	2919	Golden Lane	Les Couteaux Road, Arnos Vale, Tobago	0.00002
TSTT	2908	Caroline Building	Claude Noel Highway and Wilson Road, Tobago	0.00023
TSTT	2930	Scarborough COW	Milford Road, Tobago	0.00006
TSTT	2233	Scarborough General Hospital	Scarborough General Hospital, Tobago	0.00023
TSTT	2936	Canaan COW	Guy Street, Canaan, Tobago	0.00053
TSTT	2901	Store Bay COW	Store Bay Local Road, Tobago	0.00117

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