



Wednesday, April 2, 2025

RE: Letter of Intent – T-Mobile at 6259 Faber Road, Brooksville, FL 34602 (A2G0137B)

To Whom It May Concern:

To better serve our customers, T-Mobile Engineering continuously analyzes existing network coverage and deficiencies. T-Mobile Engineering uses several sources of data, including Customer Service logged customer complaints and service-level prediction data. These metrics and techniques hold a great amount of weight in determining the focus of T-Mobile’s limited resources to best serve the needs of our customers, efficiently and effectively.

While analyzing our network in Hernando County, T-Mobile Engineering has determined there is a need for improved capacity and coverage in the Hill ‘N Dale area east of Brooksville. This area needs improved N1900 in building and expanded in vehicle coverage.

There are no other sites or structures in the search area, that would allow T-Mobile to address the capacity and coverage needs of this area. T-Mobile has determined that there is an appropriate cellular site candidate location that would meet our needs related to service enhancements required in Hernando County.

APC Towers, on behalf of T-Mobile USA, is proposing the construction of a 185ft Monopole Tower to address this need. This telecommunication facility is proposed to be located at 6259 Faber Road, Brooksville, FL 34602.

T-Mobile is requesting an antenna center line of 180ft A.G.L. to provide improved cell site coverage and increased capacity in the surrounding area.

T-Mobile only operates on the specific frequencies licensed or transferred to T-Mobile by the Federal Communications Commission (FCC), and operating these will not interfere with or obstruct any public safety telecommunications.

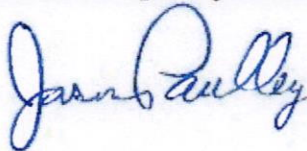
T-Mobile operates on FCC licensed spectrum at A2G0317B as follows:

Band	Transmit	Receive	(in MHz)
E-UTRA band 7	617-622	663-668	
n71	627-642	673-688	
E-UTRA band 1	728-734	698-704	
E-UTRA band 2	1930-1950	1850-1870	
n25	1980-1995	1900-1915	
E-UTRA band 4	2130-2145	1730-1745	
n41	2496-2502	2496-2502	
n41	2518.5-2586	2518.5-2586	
n41	2569-2572	2569-2572	
n41	2578-2690	2578-2690	

The bands allocated by the FCC for public safety telecommunications are (a): well-guarded by the "Guard Band" separation, dictated by the FCC; and (b): transmission and reception of Public Safety telecommunication takes place in a separate portion of the RF spectrum from the AWS, PCS, 700MHz, 600MHz, and B41 spectrum used by T-Mobile.

Equipment used by T-Mobile complies with strict standards contained in Code of Federal Regulations 47 part 24. This sets limits on emissions out of T-Mobile's licensed bands to ensure no adverse effects to any other frequency band.

T-Mobile complies with FCC rules regarding interference to other telecommunication services and all FCC rules regarding human exposure to radio frequency.



Thank you.
Respectfully,
Jason Paulley
RF Engineer, T-Mobile