

Data Format for Base Station Tower Locations

Field	Description	Data Type	Field Length	Example
Provider Identification Data				
ProvName	Provider Name	Text	200	ABC Co.
DBAName	“Doing-business-as” name	Text	200	Superfone, Inc.
FRN	Provider FCC Registration Number – search here! (ONLY numbers no other characters)	Text	10	0008402202
Base Station / Tower Location Data	Must be completed for each individual physical base station / tower.			
Name Of Parent Site	Primary Population Center Covered by Service: Name of city, county	Text	30	Sutter Creek, Amador
Id	Unique numerical identifier for each tower/sector combination	Text	8	10030002
Latitude	Latitude of the transmitter. Give at least 6 decimal points to ensure accuracy (value must be within 32 to 42)	Double		37.750105
Longitude	Longitude of the transmitter. Give at least 6 decimal points to ensure accuracy (value must be within -114 to -124)	Double		-122.680105
TransLoc	Type of structure	Text		Tower
Frequency	The transmitter’s frequency in MHz for example 5800.	Text	20	2462
Propagation Model Name	Enter Global Group Model 1 for frequencies > 900 or Global Group Model 4 for frequencies 900 and under	Text		Global Group Model 1
Transmit Antenna Gain	Base station antenna gain in dBi	Double		15
Transmit Antenna Height	Height of base station antenna above ground in feet	Text		150
Transmit Antenna Pattern Filename	Leave Blank			

Field	Description	Data Type	Field Length	Example
Transmit Antenna Type	Antenna/transmitter pattern (Omni, Cardio, Corner, Ellipse, Yagi) (see Wireless Propagation Antenna Patterns)	Text	50	Yagi
AntSecType	Type of sector antenna used. Enter 360 for an Omni antenna; others 60, 90, 120, 180, etc.	Text	5	360
Transmit Azimuth Orientation	Transmitter azimuth orientation: Azimuth of sectorized antenna (compass orientation of the antenna center in degrees).	Text	5	206
Transmit Beam Tilt	The tilt angle the antenna/transmitter is pointing. 90 degrees is straight up, 0 degrees is horizontal and negative 90 degrees is straight down. Angle does not apply to Omni antennas.	Text	10	-5
Transmit Max Transmitter Power Per Channel	Maximum transmitter power per channel in dBm	Text	13	26
EquipType	Transmit radio manufacturer	Text		Tranzeo TR6600
EquipStat	Licensed or Unlicensed	Text		Unlicensed
MaxAdDown	Maximum advertised downstream speed available in Mbps Note: Value must be equal or greater than MaxAdvUp speed	Text	2	3
MaxAdvUp	Maximum advertised upstream speed that is offered with the above maximum advertised downstream speed available	Text	2	3

Data Format for Subscriber Address

Field Name	Description	Data Type	Field Length	Example
Provider Data				
ProvName	Provider Name	Text	200	ABC Co.
DBAName	“Doing-business-as” name	Text	200	Superfone, Inc.
FRN	Provider FCC Registration Number – search here! (ONLY numbers no other characters)	Text	10	0008402202
Subscriber Data				
SubscrAdd	Complete Subscriber Address	Text	100	505 Van Ness Ave San Francisco CA 94102
Broadband Speed Data				
SubscrDown	The downstream speed to which the customer subscribes (in Mbps)	Text	2	6
SubscrUp	The upstream speed to which the customer subscribes (in Mbps)	Text	2	1.5

Data Format for FCC 477 Deployment Data*

(Please refer to the FCC 477 instructions at http://transition.fcc.gov/form477/FBD/formatting_fbd.pdf).

* The CPUC is not requesting FCC 477 Subscription Data from WISPs. Instead, please submit subscriber data using our CPUC Excel Template and refer to the *Data Format for Subscriber Address* above.