

**Record Format for Availability Area Data for each Provider – Use Only in  
Connection with Wireless Services not Provided to a Specific Address**

Field Name	Description	Date Type	Field Length	Example
<b>Provider Identification Data</b>				
ProvName	Provider Name	Text	200	ABC Co.
DBAName	“Doing-business-as” name	Text	200	Superfone, Inc.
FRN	Provider FCC Registration Number <i>(ONLY numbers no other characters)</i>	Text	10	8402202
<b>Broadband Technology and Speed Data</b>				
TransTech	Category of technology for the provision of service <a href="#">(see Technology of Transmission table)</a>	Short Integer	2	10
Spectrum	Spectrum used to provide service <a href="#">(see Spectrum Used table)</a>	Short Integer	2	1
MaxAdvDown	Speed tier code for the maximum advertised downstream speed available <a href="#">(see Download Speed Tier table)</a> <i>Note: Value must be equal or greater than MaxAdvUp speed</i>	Text	2	3
MaxAdvUp	Speed tier code for the maximum advertised upstream speed that is offered with the above maximum advertised downstream speed available <a href="#">(see Upload Speed Tier table)</a> <i>Note: Value must be equal or less than MaxAdvDown speed</i>	Text	2	2

Field Name	Description	Data Type	Field Length	Example
TypicDown	<p>Speed tier code for the downstream data transfer throughput rate that most subscribers to service at the maximum advertised downstream speed (above) can achieve consistently during expected periods of heavy network usage  <a href="#">(see Download Speed Tier table)</a>  <i>Note: Value must be equal or greater than TypicUp speed</i></p>	Text	2	7
TypicUp	<p>Speed tier code for the upstream data transfer throughput rate that most subscribers to service at the maximum advertised upstream speed (above) can achieve consistently during expected periods of heavy network usage  <a href="#">(see Upload Speed Tier table)</a>  <i>Note: Value must be equal or less than TypicDown speed</i></p>	Text	2	6
StateAbbr	State Abbreviation	Text	2	CA

**Technology of Transmission Codes**  
(Use in TransTech field)

<b>Code</b>	<b>Description</b>
10	Asymmetric xDSL
20	Symmetric xDSL
30	Other Copper Wireline
40	Cable Modem ó DOCSIS 3.0
41	Cable Modem ó Other
50	Optical Carrier/Fiber to the End User
60	Satellite
70	Terrestrial Fixed Wireless - Unlicensed
71	Terrestrial Fixed Wireless - Licensed
80	Terrestrial Mobile Wireless
90	Electric Power Line
0	All Other

**Spectrum Used Codes**  
(Use in Spectrum field)

<b>Code</b>	<b>Description</b>
1	is Cellular spectrum (824-849 MHz; 862-869) used to provide service
2	is 700 MHz spectrum (698-758 MHz; 775-788 MHz; 805-806 MHz) used to provide service
3	is Broadband Personal Communications Services spectrum (1850-1915 MHz; 1930-1995) used to provide service
4	is Advanced Wireless Services spectrum (1710-1755 MHz; 2100-2155) used to provide service
5	is Broadband Radio Service/Educational Broadband Service spectrum (2496-2690 MHz) used to provide service
6	is Unlicensed (including broadcast television õwhite spacesö) spectrum used to provide service
7	Specialized Mobile Radio Service (SMR) (817-824 MHz; 862-869 MHz; 896-901 MHz; 935-940 MHz)
8	Wireless Communications Service (WCS) spectrum (2305-2320 MHz; 2345-2360 MHz), 3650-3700 MHz
9	Satellite (L-band, Big LEO, Little LEO, 2 GHz)

**Download Speed Tier Codes**  
(Use in MaxAdvDown, TypicDown fields)

Code	Description
3	Greater than or equal to 768 kbps and less than 1.5 mbps
4	Greater than or equal to 1.5 mbps and less than 3 mbps
5	Greater than or equal to 3 mbps and less than 6 mbps
6	Greater than or equal to 6 mbps and less than 10 mbps
7	Greater than or equal to 10 mbps and less than 25 mbps
8	Greater than or equal to 25 mbps and less than 50 mbps
9	Greater than or equal to 50 mbps and less than 100 mbps
10	Greater than or equal to 100 mbps and less than 1 gbps
11	Greater than or equal to 1 gbps

**Upload Speed Tier Codes**  
(Use in MaxAdvUp, TypicUp fields)

Code	Description
1	Less than or equal to 200 kbps
2	Greater than 200 kbps and less than 768 kbps
3	Greater than or equal to 768 kbps and less than 1.5 mbps
4	Greater than or equal to 1.5 mbps and less than 3 mbps
5	Greater than or equal to 3 mbps and less than 6 mbps
6	Greater than or equal to 6 mbps and less than 10 mbps
7	Greater than or equal to 10 mbps and less than 25 mbps
8	Greater than or equal to 25 mbps and less than 50 mbps
9	Greater than or equal to 50 mbps and less than 100 mbps
10	Greater than or equal to 100 mbps and less than 1 gbps
11	Greater than or equal to 1 gbps