

FILED
September 4, 2025
Missouri Public
Service Commission

Exhibit No. 2

Cheri Meadows – Exhibit 2
Cell reception info
File No. EC-2025-0136

6:21 80% 6:20 80% 6:19 80%

Handwritten signature

< SIM card status

Network
Red Pocket

Mobile network state
Connected

Service state
In service

IMS registration status
Registered

Signal strength
-107 dBm 33 asu

Mobile voice network type
LTE

Mobile data network type
LTE

< SIM card status

Network
Red Pocket

Mobile network state
Connected

Service state
In service

IMS registration status
Registered

Signal strength
-110 dBm 30 asu

Mobile voice network type
LTE

Mobile data network type
LTE

< SIM card status

Network
Red Pocket

Mobile network state
Connected

Service state
In service

IMS registration status
Registered

Signal strength
-113 dBm 27 asu

Mobile voice network type
LTE

Mobile data network type
LTE

At Northern Easement Line

Directly Under Line

At Southern Easement Line

Screenshots taken 5/8/25 evening.
Weather was sunny and clear.

SIGNAL STRENGTH	EXCELLENT	GOOD	FAIR	POOR	DEAD ZONE
3G/1x	-70dBm	-71 to -85dBm	-86 to -100dBm	-101 to -109dBm	-110dBm
4G/LTE	-90dBm	-91 to -105dBm	-106 to -110dBm	-111 to -119dBm	-120dBm

Source: <https://www.signalbooster.com/blogs/news/how-to-measure-signal-strength-in-decibels-on-your-cell-phone>

Cell signal strength: RSRP

4G LTE and 5G cell signal strength are measured by RSRP (*Reference Signal Received Power*) in decibel-milliwatts (dBm). The greater the RSRP value, the stronger the cellular signal. RSRP is usually a negative number, so -90 dBm RSRP is stronger than -100 dBm RSRP. ([Learn](#)

Signal strength:
RSRP (*Reference Signal Received Power*)

≥ -89 dBm	Excellent
-90 to -104 dBm	Good
-105 to -114 dBm	Fair
-115 to -124 dBm	Poor
≤ -125 dBm	No signal (effectively)

Source: <https://powerfulsignal.com/support/knowledgebase/awareness/whats-the-difference-between-cell-signal-strength-and-cell-signal-quality/>

10:35 90%

< SIM card status

Network
Red Pocket

Mobile network state
Disconnected

Service state
In service

IMS registration status
Registered

Signal strength
-112 dBm 28 asu

Mobile voice network type
LTE

Mobile data network type
LTE

III ○ <

10:40 90%

< SIM card status

Network
Red Pocket

Mobile network state
Disconnected

Service state
In service

IMS registration status
Registered

Signal strength
-113 dBm 27 asu

Mobile voice network type
LTE

Mobile data network type
LTE

III ○ <

10:42 90%

< SIM card status

Network
Red Pocket

Mobile network state
Disconnected

Service state
In service

IMS registration status
Registered

Signal strength
-119 dBm 21 asu

Mobile voice network type
LTE

Mobile data network type
LTE

III ○ <

10:20 85%

< SIM card status

Network
Red Pocket

Mobile network state
Disconnected

Service state
In service

IMS registration status
Registered

Signal strength
-111 dBm 29 asu

Mobile voice network type
LTE

Mobile data network type
LTE

III ○ <

These are my cell phone signal readings from the living room, dining room, bedroom, and kitchen of my home.