



Signal Measurement Report

Test Date

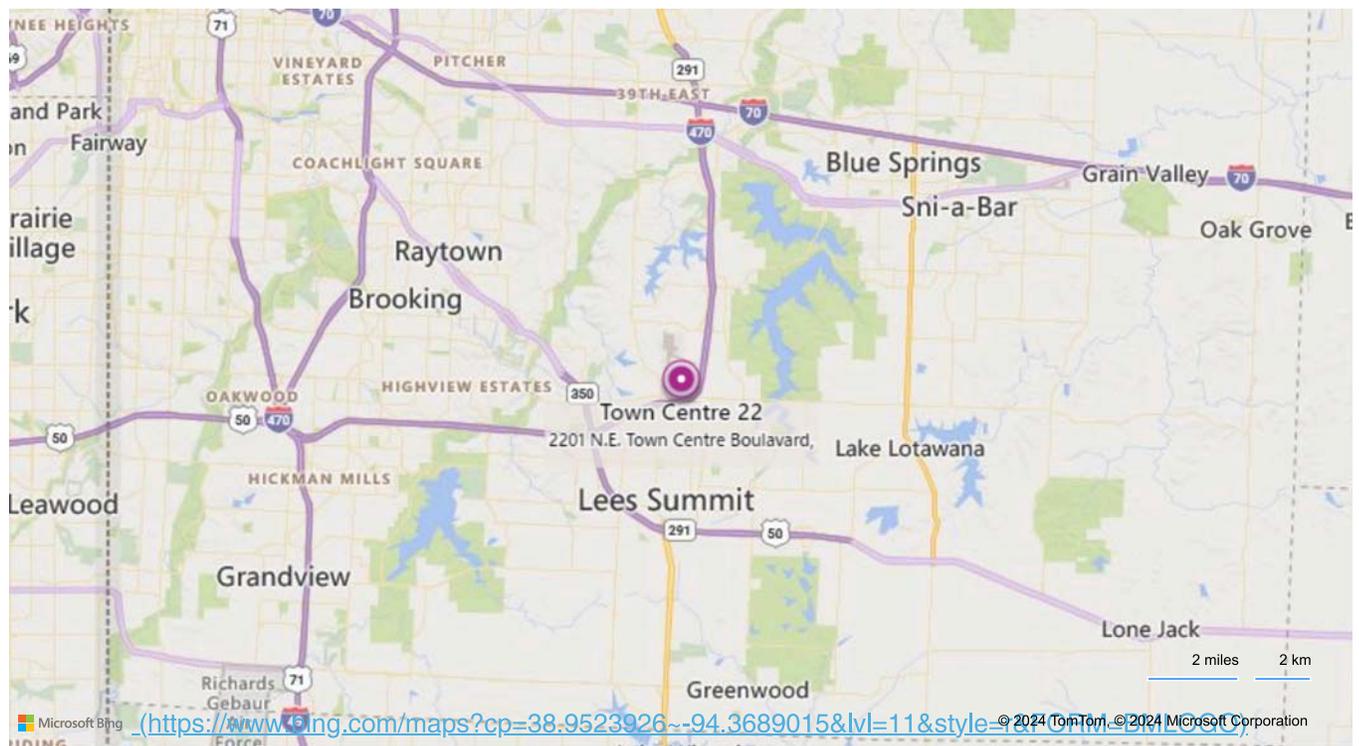
05/28/2024 10:11 AM

Test Site

Town Centre 22
2201 N.E. Town Centre Boulevard, Lee's Summit, Mo, United States of America, 64064
Latitude: 38.9523926
Longitude: -94.3689015

Site Owner

Town Centre 22
Phone:



System Configuration

Filter	Downlink Frequency (MHz)	Uplink Frequency (MHz)	Filter Bandwidth	Control Channel
#1	851.050000	806.050000	100 kHz	Y
#2	851.325000	806.325000	100 kHz	Y
#3	851.487500	806.487500	100 kHz	
#4	851.600000	806.600000	100 kHz	Y
#5	851.825000	806.825000	100 kHz	
#6	851.862500	806.862500	100 kHz	Y
#7	852.050000	807.050000	100 kHz	
#8	852.075000	807.075000	100 kHz	
#9	852.175000	807.175000	100 kHz	
#10	852.225000	807.225000	100 kHz	
#11	852.412500	807.412500	100 kHz	
#12	852.437500	807.437500	100 kHz	
#13	852.587500	807.587500	100 kHz	
#14	852.662500	807.662500	100 kHz	
#15	852.737500	807.737500	100 kHz	
#16	852.875000	807.875000	100 kHz	
#17	852.962500	807.962500	100 kHz	
#18	852.987500	807.987500	100 kHz	
#19	853.150000	808.150000	100 kHz	
#20	853.237500	808.237500	100 kHz	
#21	853.487500	808.487500	100 kHz	
#22	853.737500	808.737500	100 kHz	
#23	854.137500	809.137500	100 kHz	
#24	854.587500	809.587500	100 kHz	
#25	854.712500	809.712500	100 kHz	
#26	855.662500	810.662500	100 kHz	
#27	856.162500	811.162500	100 kHz	

Signal Strength Legend

LMR 700/800 MHz

 > -65 dBm

 > -70 dBm

 > -75 dBm

 > -80 dBm

 > -85 dBm

 > -90 dBm

 > -95 dBm

 > -100 dBm

 > -105 dBm

 > -110 dBm

 > -115 dBm

 > -120 dBm

 No Data

 Disabled

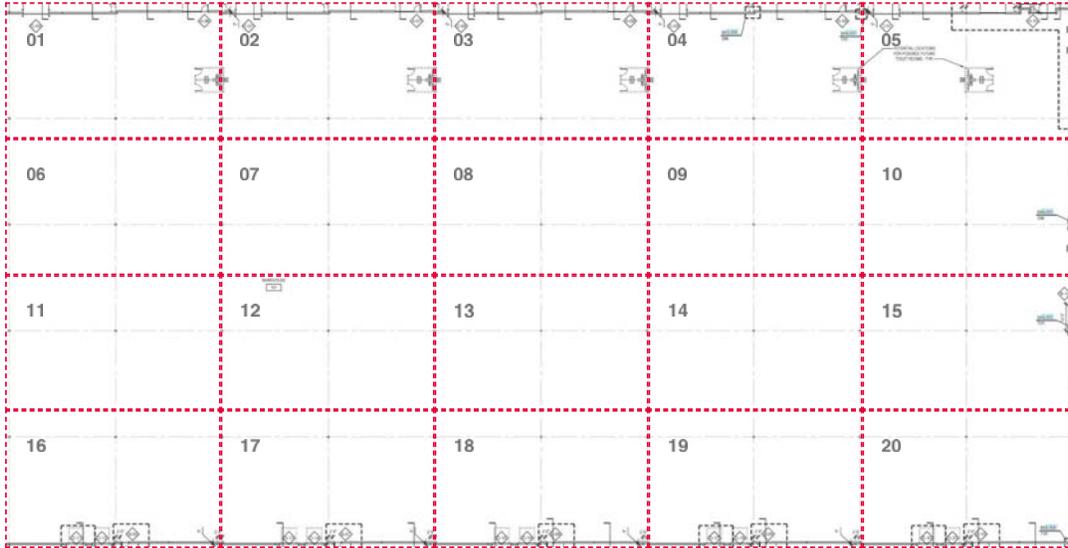
 Critical

Signal Strength Pass/Fail Criteria

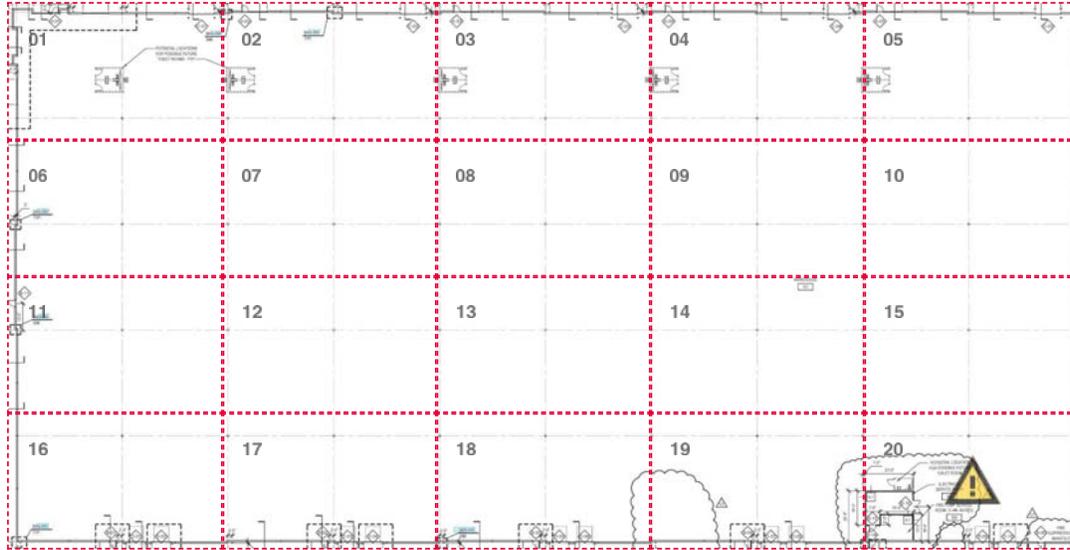
800 Pass Criteria: > -95

Equipment Layout

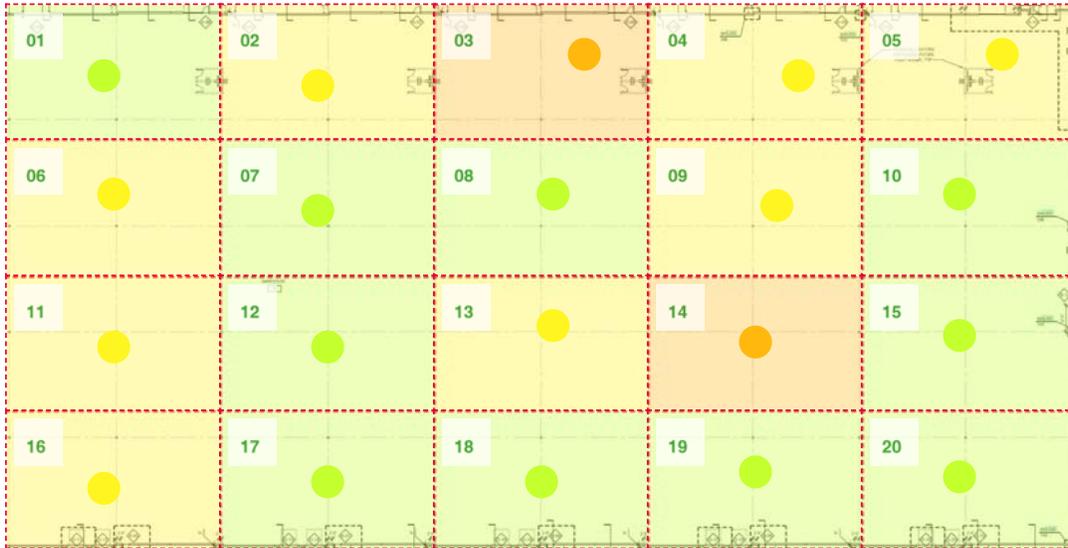
Eastside



Westside



Eastside : 800 MHz Public Safety



General Area Result Pass
 Fail

Measurements Summary

Total Test Areas: 20
Total Area Tested: 20
Total Area Critical: 0
Total Area Disabled: 0
Total Area Passed: 20
Total Area Failed: 0

Test Area #1

Min	-83.0 dBm	Max	-83.0 dBm	Avg	-83.0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-83.0 dBm	0 dB	1.0

Test Area #2

Min	-85.0 dBm	Max	-85.0 dBm	Avg	-85.0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-85.0 dBm	0 dB	1.0

Test Area #3

Min	-91.2 dBm	Max	-91.2 dBm	Avg	-91.2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-91.2 dBm	0 dB	1.0

Test Area #4

Min	-88.2 dBm	Max	-88.2 dBm	Avg	-88.2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-88.2 dBm	0 dB	1.0

Test Area #5

Min	-86.5 dBm	Max	-86.5 dBm	Avg	-86.5 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
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05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-86,5 dBm	0 dB	1.0
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Test Area #6

Min	-85,0 dBm	Max	-85,0 dBm	Avg	-85,0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-85,0 dBm	0 dB	1.0

Test Area #7

Min	-80,5 dBm	Max	-80,5 dBm	Avg	-80,5 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-80,5 dBm	0 dB	1.0

Test Area #8

Min	-84,6 dBm	Max	-84,6 dBm	Avg	-84,6 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-84,6 dBm	0 dB	1.0

Test Area #9

Min	-88,0 dBm	Max	-88,0 dBm	Avg	-88,0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-88,0 dBm	0 dB	1.0

Test Area #10

Min	-82,5 dBm	Max	-82,5 dBm	Avg	-82,5 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-82.5 dBm	0 dB	1.0

Test Area #11

Min	-86.3 dBm	Max	-86.3 dBm	Avg	-86.3 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-86.3 dBm	0 dB	1.0

Test Area #12

Min	-84.0 dBm	Max	-84.0 dBm	Avg	-84.0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-84.0 dBm	0 dB	1.0

Test Area #13

Min	-85.1 dBm	Max	-85.1 dBm	Avg	-85.1 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-85.1 dBm	0 dB	1.0

Test Area #14

Min	-90.4 dBm	Max	-90.4 dBm	Avg	-90.4 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-90.4 dBm	0 dB	1.0

Test Area #15

Min	-84,2 dBm	Max	-84,2 dBm	Avg	-84,2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-84,2 dBm	0 dB	1.0

Test Area #16

Min	-85,2 dBm	Max	-85,2 dBm	Avg	-85,2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-85,2 dBm	0 dB	1.0

Test Area #17

Min	-81,1 dBm	Max	-81,1 dBm	Avg	-81,1 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-81,1 dBm	0 dB	1.0

Test Area #18

Min	-84,5 dBm	Max	-84,5 dBm	Avg	-84,5 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-84,5 dBm	0 dB	1.0

Test Area #19

Min	-84,9 dBm	Max	-84,9 dBm	Avg	-84,9 dBm
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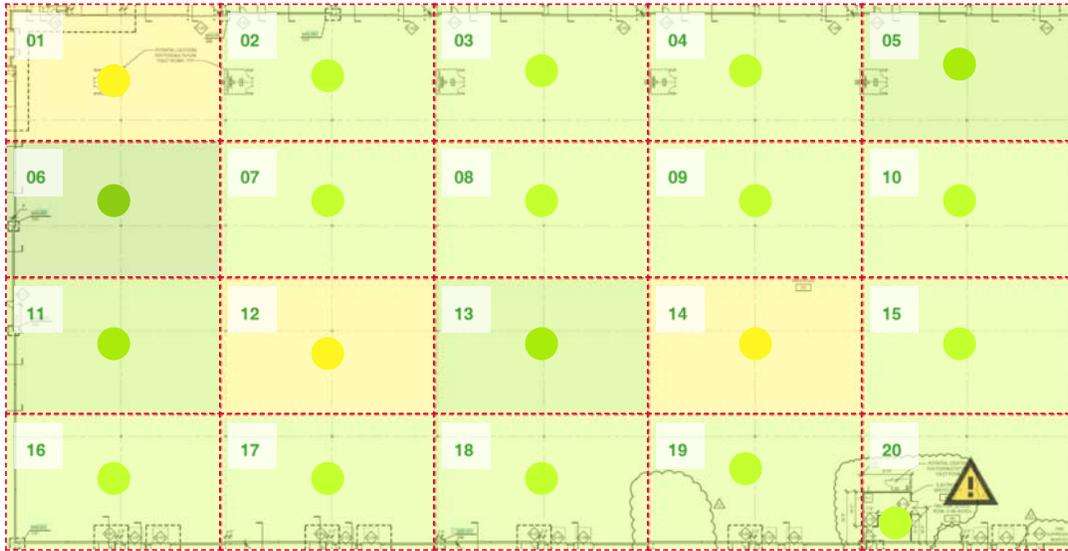
Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-84,9 dBm	0 dB	1.0

Test Area #20

Min	-84.2 dBm	Max	-84.2 dBm	Avg	-84.2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 09:58 AM	851.862500 MHz	806.862500 MHz	-84.2 dBm	0 dB	1.0

Westside : 800 MHz Public Safety



General Area Result Pass Fail Critical Area Result Pass Fail

Measurements Summary

Total Test Areas: 20
Total Area Tested: 20
Total Area Critical: 1
Total Area Disabled: 0
Total Area Passed: 20
Total Area Failed: 0

Test Area #1

Min	-85.0 dBm	Max	-85.0 dBm	Avg	-85.0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-85.0 dBm	0 dB	1.0

Test Area #2

Min	-82.7 dBm	Max	-82.7 dBm	Avg	-82.7 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-82.7 dBm	0 dB	1.0

Test Area #3

Min	-81.0 dBm	Max	-81.0 dBm	Avg	-81.0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-81.0 dBm	0 dB	1.0

Test Area #4

Min	-84.5 dBm	Max	-84.5 dBm	Avg	-84.5 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-84.5 dBm	0 dB	1.0

Test Area #5

Min	-79.6 dBm	Max	-79.6 dBm	Avg	-79.6 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
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05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-79.6 dBm	0 dB	1.0
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Test Area #6

Min	-73.7 dBm	Max	-73.7 dBm	Avg	-73.7 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-73.7 dBm	0 dB	1.0

Test Area #7

Min	-82.7 dBm	Max	-82.7 dBm	Avg	-82.7 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-82.7 dBm	0 dB	1.0

Test Area #8

Min	-81.9 dBm	Max	-81.9 dBm	Avg	-81.9 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-81.9 dBm	0 dB	1.0

Test Area #9

Min	-84.7 dBm	Max	-84.7 dBm	Avg	-84.7 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-84.7 dBm	0 dB	1.0

Test Area #10

Min	-81.3 dBm	Max	-81.3 dBm	Avg	-81.3 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-81.3 dBm	0 dB	1.0

Test Area #11

Min	-78.2 dBm	Max	-78.2 dBm	Avg	-78.2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-78.2 dBm	0 dB	1.0

Test Area #12

Min	-85.8 dBm	Max	-85.8 dBm	Avg	-85.8 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-85.8 dBm	0 dB	1.0

Test Area #13

Min	-79.1 dBm	Max	-79.1 dBm	Avg	-79.1 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-79.1 dBm	0 dB	1.0

Test Area #14

Min	-86.7 dBm	Max	-86.7 dBm	Avg	-86.7 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-86.7 dBm	0 dB	1.0

Test Area #15

Min	-80,9 dBm	Max	-80,9 dBm	Avg	-80,9 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-80,9 dBm	0 dB	1.0

Test Area #16

Min	-80,9 dBm	Max	-80,9 dBm	Avg	-80,9 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-80,9 dBm	0 dB	1.0

Test Area #17

Min	-82,6 dBm	Max	-82,6 dBm	Avg	-82,6 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-82,6 dBm	0 dB	1.0

Test Area #18

Min	-83,0 dBm	Max	-83,0 dBm	Avg	-83,0 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-83,0 dBm	0 dB	1.0

Test Area #19

Min	-81,5 dBm	Max	-81,5 dBm	Avg	-81,5 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-81,5 dBm	0 dB	1.0

Test Area #20

Min	-80.2 dBm	Max	-80.2 dBm	Avg	-80.2 dBm
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Date/Time	Downlink Center Freq..	Uplink Center Freq	RSSI	SINR	DAQ
05/28/2024 10:11 AM	851.862500 MHz	806.862500 MHz	-80.2 dBm	0 dB	1.0