Emergency Responder Radio System
Coverage Report Test Results

Date Prepared:	Dec 17, 2025
Test File:	MCC Longview V1 Plan_20251216_085626
Test Location:	METROPOLITAN COMMUNITY COLLEGE - LONGVIEW
	500 SW Longview Rd Lees Summit
Technician:	James Shearer
FCC#:	0020552154

The test results set forth in this report reflect conditions at the time of testing.

Building: METROPOLITAN COMMUNITY COLLEGE - LONGVIEW
Result: Pass

Test Report Summary

Channel/ Ch Group	Freq (MHz)	Technology	Band	Result	Area Points passed (%)	Critical Points passed (%)
1.1	860.78750	P25	Lees Summit MARRS	Pass	111/111 (100%)	0/0 (0%)

Test Details			
Number of Floors Tested:	2	**Result Calculation:**	By area per floor
Number of Areas Tested:	111	**Area Pass Criteria:**	95%
Number of Critical Points Tested:	0	**Critical Points Pass Criteria:**	99%
		Apply Adjacent Area Rule:	No

Equipment Report

Vendor	Application	Activation ID	Maintenance Date	Device	Calibration Expires	Antenna info
PCTEL	SeeHawk Touch rel 5.3.0.0	e686-0ba0-3bf5-45ee-a646-18a6-2f73-a27c	08-31-2026	SeeGull IBflex Device rel 4.0.2.0 SN: 082506016	7-23-2027	

Threshold Settings

Measurement	DL Area Point	DL Critical Point	DL Use for grading	UL Area Point	UL Critical Point	UL Use for grading
P25 Power (RSSI)	-95.00 dBm	-95.00 dBm	Yes	-95.00 dBm	-95.00 dBm	Yes
DAQ	3.00		Yes			

Sample collection method

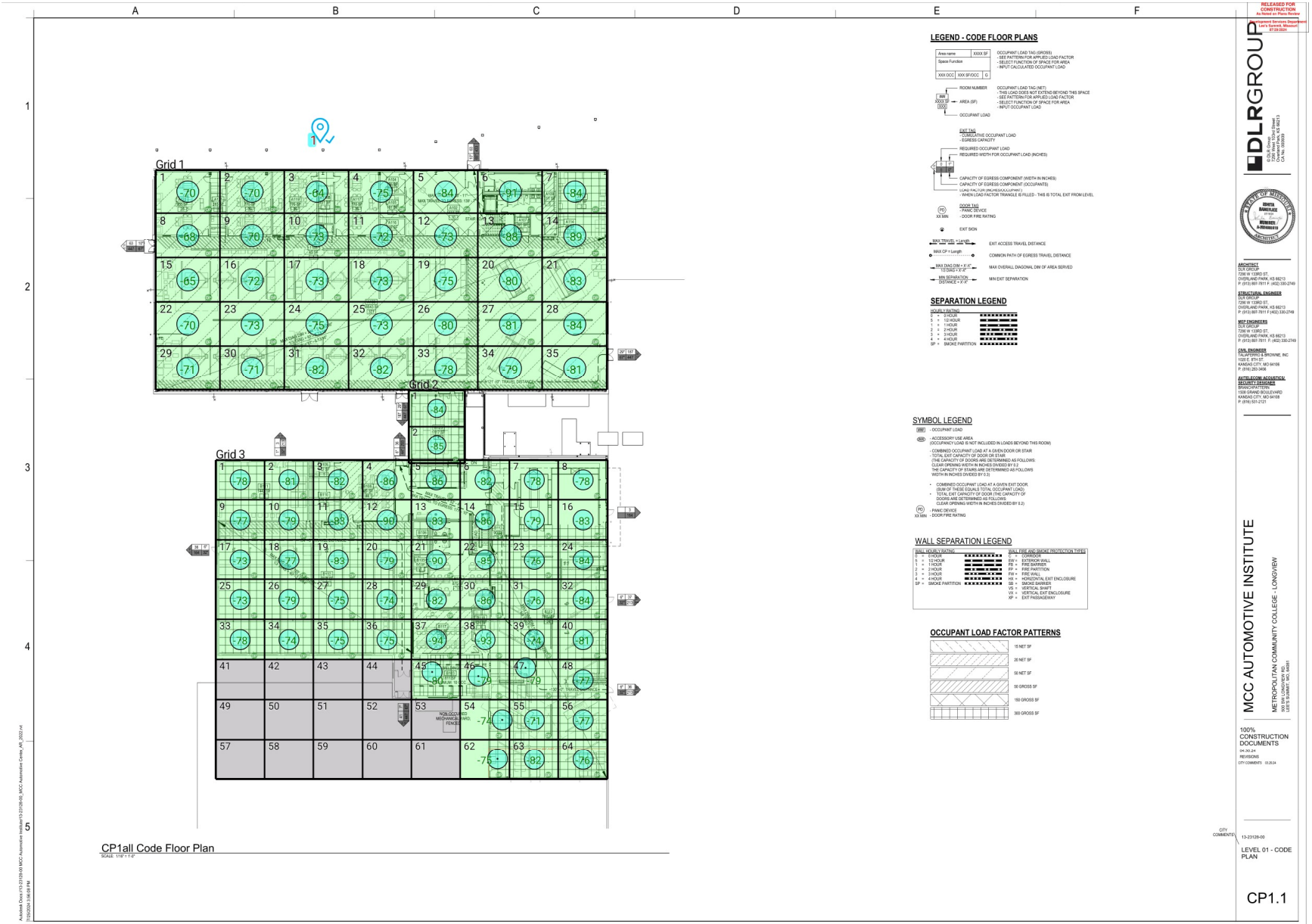
Measurement	Sample Collection Method
P25 Power (RSSI)	Max

Floors Result

Floor Plan	4 860.787504
Level 01	Pass
Level 02	Pass

Floor: Level 01
Channel: 4 4
Result: Pass

Freq (MHz)	Tech	Band	Ant Gain	Cable Loss	Ph.	Type	Mod	NAC	Area Points passed (%)	Critical Points passed (%)
860.78750	P25	Lees Summit MARRS	0.00	0.00					87/87 (100%)	0/0 (0%)


Grid 1
Grid 2
Grid 3
CP1all Code Floor Plan
SCALE: 1/16" = 1'-0"
LEGEND - CODE FLOOR PLANS
SEPARATION LEGEND
SYMBOL LEGEND
WALL SEPARATION LEGEND
OCCUPANT LOAD FACTOR PATTERNS
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
DLR GROUP
MCC AUTOMOTIVE INSTITUTE
METROPOLITAN COMMUNITY COLLEGE - LONGVIEW
100% CONSTRUCTION DOCUMENTS
LEVEL 01 - CODE PLAN
CP1.1

Grid	# of Areas	Area Size (sq. ft)	Area Width (ft)	Area Height (ft)	Ignore Area Color	Comments
1	35	760.16	33.38	22.77	Black	
2	2	545.20	29.00	18.80	Black	
3	64	523.25	25.35	20.65	Black	

Floor: Level 01
Channel: 4 4

Reference Points

Reference Point	DL Power (dBm)	DL DAQ	UL Power (dBm)	UL DAQ	UL Radio ID	UL Tested	Selected	Comment
1	-81.28							

Area Points

Grid	Area	DL Power (dBm)	DL DAQ	UL Power (dBm)	UL DAQ	UL Radio ID	UL Tested	Result	DL Loss (dB)	Comment
1	1	-69.09						Pass		
1	2	-70.00						Pass		
1	3	-63.94						Pass		
1	4	-74.78						Pass		
1	5	-83.39						Pass		
1	6	-90.95						Pass		
1	7	-83.83						Pass		
1	8	-67.68						Pass		
1	9	-69.23						Pass		
1	10	-72.05						Pass		
1	11	-71.07						Pass		
1	12	-72.79						Pass		
1	13	-87.67						Pass		
1	14	-88.25						Pass		
1	15	-64.24						Pass		
1	16	-71.10						Pass		
1	17	-72.62						Pass		
1	18	-72.35						Pass		
1	19	-74.68						Pass		
1	20	-79.30						Pass		
1	21	-82.82						Pass		
1	22	-69.63						Pass		
1	23	-72.39						Pass		
1	24	-74.21						Pass		
1	25	-72.30						Pass		
1	26	-79.08						Pass		
1	27	-80.75						Pass		
1	28	-83.26						Pass		
1	29	-70.38						Pass		

Area Points

Grid	Area	DL Power (dBm)	DL DAQ	UL Power (dBm)	UL DAQ	UL Radio ID	UL Tested	Result	DL Loss (dB)	Comment
1	30	-70.37						Pass		
1	31	-81.24						Pass		
1	32	-81.89						Pass		
1	33	-77.17						Pass		
1	34	-78.60						Pass		
1	35	-80.31						Pass		
2	1	-83.50						Pass		
2	2	-84.73						Pass		
3	1	-77.50						Pass		
3	2	-80.59						Pass		
3	3	-81.26						Pass		
3	4	-85.78						Pass		
3	5	-85.01						Pass		
3	6	-81.88						Pass		
3	7	-77.94						Pass		
3	8	-77.85						Pass		
3	9	-76.20						Pass		
3	10	-78.18						Pass		
3	11	-82.18						Pass		
3	12	-89.06						Pass		
3	13	-82.53						Pass		
3	14	-85.18						Pass		
3	15	-78.69						Pass		
3	16	-82.94						Pass		
3	17	-72.21						Pass		
3	18	-76.05						Pass		
3	19	-82.68						Pass		
3	20	-78.48						Pass		
3	21	-89.11						Pass		
3	22	-84.32						Pass		
3	23	-75.38						Pass		
3	24	-83.18						Pass		
3	25	-72.79						Pass		
3	26	-78.36						Pass		
3	27	-74.93						Pass		
3	28	-73.81						Pass		
3	29	-81.48						Pass		
3	30	-85.23						Pass		
3	31	-75.82						Pass		
3	32	-83.36						Pass		
3	33	-77.48						Pass		

Area Points

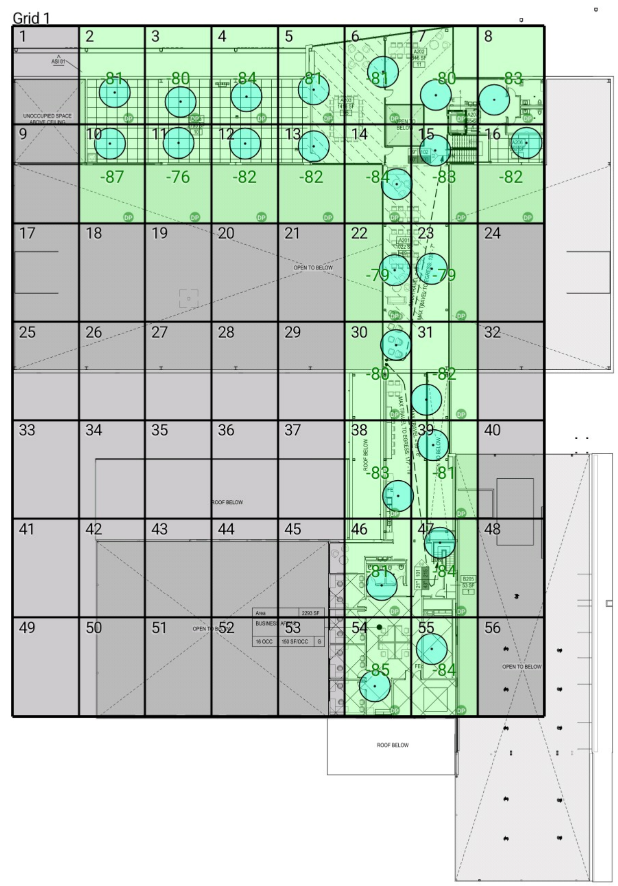
Grid	Area	DL Power (dBm)	DL DAQ	UL Power (dBm)	UL DAQ	UL Radio ID	UL Tested	Result	DL Loss (dB)	Comment
3	34	-73.34						Pass		
3	35	-74.08						Pass		
3	36	-74.44						Pass		
3	37	-93.52						Pass		
3	38	-92.97						Pass		
3	39	-73.97						Pass		
3	40	-80.18						Pass		
3	41	NT	NT	NT	NT			NT		
3	42	NT	NT	NT	NT			NT		
3	43	NT	NT	NT	NT			NT		
3	44	NT	NT	NT	NT			NT		
3	45	-79.17						Pass		
3	46	-78.69						Pass		
3	47	-78.06						Pass		
3	48	-76.42						Pass		
3	49	NT	NT	NT	NT			NT		
3	50	NT	NT	NT	NT			NT		
3	51	NT	NT	NT	NT			NT		
3	52	NT	NT	NT	NT			NT		
3	53	NT	NT	NT	NT			NT		
3	54	-73.72						Pass		
3	55	-70.99						Pass		
3	56	-76.53						Pass		
3	57	NT	NT	NT	NT			NT		
3	58	NT	NT	NT	NT			NT		
3	59	NT	NT	NT	NT			NT		
3	60	NT	NT	NT	NT			NT		
3	61	NT	NT	NT	NT			NT		
3	62	-74.48						Pass		
3	63	-81.76						Pass		
3	64	-75.36						Pass		

Floor: Level 02
Channel: 4 4
Result: Pass

Freq (MHz)	Tech	Band	Ant Gain	Cable Loss	Ph.	Type	Mod	NAC	Area Points passed (%)	Critical Points passed (%)
860.78750	P25	Lees Summit MARRS	0.00	0.00					24/24 (100%)	0/0 (0%)

A | B | C | D | E | F

1 | 2 | 3 | 4 | 5



CP2all Code Floor Plan

SCALE: 1/16" = 1'-0"

LEGEND - CODE FLOOR PLANS

Area name	XXXX SF	
Space Function		
XXX OCC	XXX SF/OCC	G

OCCUPANT LOAD TAG (GROSS)
- SEE PATTERN FOR APPLIED LOAD FACTOR
- SELECT FUNCTION OF SPACE FOR AREA
- INPUT CALCULATED OCCUPANT LOAD

ROOM NUMBER / XXXX SF AREA (SF) / XXX OCCUPANT LOAD

OCCUPANT LOAD TAG (NET)
- THIS LOAD DOES NOT EXTEND BEYOND THIS SPACE
- SEE PATTERN FOR APPLIED LOAD FACTOR
- SELECT FUNCTION OF SPACE FOR AREA
- INPUT OCCUPANT LOAD

EXIT TAG
- CUMULATIVE OCCUPANT LOAD
- EGRESS CAPACITY

REQUIRED OCCUPANT LOAD
REQUIRED WIDTH FOR OCCUPANT LOAD (INCHES)
CAPACITY OF EGRESS COMPONENT (WIDTH IN INCHES)
CAPACITY OF EGRESS COMPONENT (OCCUPANTS)
LOAD FACTOR (INCHES/OCCUPANT)
- WHEN LOAD FACTOR TRIANGLE IS FILLED - THIS IS TOTAL EXIT FROM LEVEL

(PD) XX MIN — DOOR TAG
- PANIC DEVICE
- DOOR FIRE RATING

EXIT SIGN

MAX TRAVEL = Length — EXIT ACCESS TRAVEL DISTANCE

MAX CP = Length — COMMON PATH OF EGRESS TRAVEL DISTANCE

MAX DIAG DIM = X'-X" / 1/3 DIAG = X'-X" — MAX OVERALL DIAGONAL DIM OF AREA SERVED

MIN SEPARATION DISTANCE = X'-X" — MIN EXIT SEPARATION

SEPARATION LEGEND

HOURLY RATING
- 0 = 0 HOUR
- 5 = 1/2 HOUR
- 1 = 1 HOUR
- 2 = 2 HOUR
- 3 = 3 HOUR
- 4 = 4 HOUR
- SP = SMOKE PARTITION

SYMBOL LEGEND

- OCCUPANT LOAD
- ACCESSORY USE AREA (OCCUPANCY LOAD IS NOT INCLUDED IN LOADS BEYOND THIS ROOM)
- COMBINED OCCUPANT LOAD AT A GIVEN DOOR OR STAIR
- TOTAL EXIT CAPACITY OF DOOR OR STAIR (THE CAPACITY OF DOORS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDTH IN INCHES DIVIDED BY 0.2 THE CAPACITY OF STAIRS ARE DETERMINED AS FOLLOWS WIDTH IN INCHES DIVIDED BY 0.3)

- COMBINED OCCUPANT LOAD AT A GIVEN EXIT DOOR. (SUM OF THESE EQUALS TOTAL OCCUPANT LOAD)
- TOTAL EXIT CAPACITY OF DOOR (THE CAPACITY OF DOORS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDTH IN INCHES DIVIDED BY 0.2)

(PD) - PANIC DEVICE
XX MIN - DOOR FIRE RATING

WALL SEPARATION LEGEND

WALL HOURLY RATING	WALL FIRE AND SMOKE PROTECTION TYPES
0 = 0 HOUR	C = CORRIDOR
5 = 1/2 HOUR	EW = EXTERIOR WALL
1 = 1 HOUR	FB = FIRE BARRIER
2 = 2 HOUR	FP = FIRE PARTITION
3 = 3 HOUR	FW = FIRE WALL
4 = 4 HOUR	HX = HORIZONTAL EXIT ENCLOSURE
SP = SMOKE PARTITION	SB = SMOKE BARRIER
	VS = VERTICAL SHAFT
	VX = VERTICAL EXIT ENCLOSURE
	XP = EXIT PASSAGEWAY

OCCUPANT LOAD FACTOR PATTERNS

- 15 NET SF
- 20 NET SF
- 50 NET SF
- 50 GROSS SF
- 150 GROSS SF
- 300 GROSS SF

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
07/29/2024

DLRGROUP

© DLR Group
7290 West 103rd Street
Overland Park, KS 66213
CA No. 000939

STATE OF MISSOURI
ISHITA BANERJEE
07/19/24
NUMBER
A-2024000819
ARCHITECT

ARCHITECT
DLR GROUP
7290 W 133RD ST,
OVERLAND PARK, KS 66213
P: (913) 897-7811 F: (402) 330-2749

STRUCTURAL ENGINEER
DLR GROUP
7290 W 133RD ST,
OVERLAND PARK, KS 66213
P: (913) 897-7811 F:(402) 330-2749

MEP ENGINEERS
DLR GROUP
7290 W 133RD ST,
OVERLAND PARK, KS 66213
P: (913) 897-7811 F: (402) 330-2749

CIVIL ENGINEER
TALIAFERRO & BROWNE, INC
1020 E. 8TH ST.
KANSAS CITY, MO 64106
P: (816) 283-3456

AV/TELECOM/ ACOUSTICS/ SECURITY DESIGNER
BRANCHPATTERN
1508 GRAND BOULEVARD
KANSAS CITY, MO 64108
P: (816) 531-2121

MCC AUTOMOTIVE INSTITUTE

METROPOLITAN COMMUNITY COLLEGE - LONGVIEW
500 SW LONGVIEW RD.
LEE'S SUMMIT, MO, 64081

100% CONSTRUCTION DOCUMENTS
04.30.24
REVISIONS
ASI 01 04.30.24

13-23128-00

LEVEL 02 - CODE PLAN

CP1.2

Grid	# of Areas	Area Size (sq. ft)	Area Width (ft)	Area Height (ft)	Ignore Area Color	Comments
1	56	965.04	25.51	37.82	Black	

Floor: Level 02
Channel: 4 4

Area Points

Grid	Area	DL Power (dBm)	DL DAQ	UL Power (dBm)	UL DAQ	UL Radio ID	UL Tested	Result	DL Loss (dB)	Comment
1	1	NT	NT	NT	NT			**NT**		
1	2	-80.51						**Pass**		
1	3	-79.54						**Pass**		
1	4	-83.08						**Pass**		
1	5	-80.61						**Pass**		
1	6	-80.36						**Pass**		
1	7	-79.50						**Pass**		
1	8	-82.72						**Pass**		
1	9	NT	NT	NT	NT			**NT**		
1	10	-86.22						**Pass**		
1	11	-75.07						**Pass**		
1	12	-81.30						**Pass**		
1	13	-81.22						**Pass**		
1	14	-83.59						**Pass**		
1	15	-82.74						**Pass**		
1	16	-81.89						**Pass**		
1	17	NT	NT	NT	NT			**NT**		
1	18	NT	NT	NT	NT			**NT**		
1	19	NT	NT	NT	NT			**NT**		
1	20	NT	NT	NT	NT			**NT**		
1	21	NT	NT	NT	NT			**NT**		
1	22	-78.94						**Pass**		
1	23	-78.33						**Pass**		
1	24	NT	NT	NT	NT			**NT**		
1	25	NT	NT	NT	NT			**NT**		
1	26	NT	NT	NT	NT			**NT**		
1	27	NT	NT	NT	NT			**NT**		
1	28	NT	NT	NT	NT			**NT**		
1	29	NT	NT	NT	NT			**NT**		
1	30	-79.54						**Pass**		
1	31	-81.99						**Pass**		
1	32	NT	NT	NT	NT			**NT**		
1	33	NT	NT	NT	NT			**NT**		
1	34	NT	NT	NT	NT			**NT**		

Area Points

Grid	Area	DL Power (dBm)	DL DAQ	UL Power (dBm)	UL DAQ	UL Radio ID	UL Tested	Result	DL Loss (dB)	Comment
1	35	NT	NT	NT	NT			**NT**		
1	36	NT	NT	NT	NT			**NT**		
1	37	NT	NT	NT	NT			**NT**		
1	38	-82.83						**Pass**		
1	39	-80.74						**Pass**		
1	40	NT	NT	NT	NT			**NT**		
1	41	NT	NT	NT	NT			**NT**		
1	42	NT	NT	NT	NT			**NT**		
1	43	NT	NT	NT	NT			**NT**		
1	44	NT	NT	NT	NT			**NT**		
1	45	NT	NT	NT	NT			**NT**		
1	46	-80.89						**Pass**		
1	47	-83.51						**Pass**		
1	48	NT	NT	NT	NT			**NT**		
1	49	NT	NT	NT	NT			**NT**		
1	50	NT	NT	NT	NT			**NT**		
1	51	NT	NT	NT	NT			**NT**		
1	52	NT	NT	NT	NT			**NT**		
1	53	NT	NT	NT	NT			**NT**		
1	54	-84.77						**Pass**		
1	55	-83.06						**Pass**		
1	56	NT	NT	NT	NT			**NT**		

Additional Info