



Candidate ID: 4BN1331D

55 S Chelmsford Rd, Westford, MA

Objective of the test: Determine the total area coverage for the site.



# CW Test-4BN1331D

SITE INFORMATION FORM		T-Mobile	
		Candidate ID:	4BN1331D
<b>SITE INFORMATION</b>		<b>Date &amp; Time Scheduled:</b>	2/26/2011 9:00 AM
Site Address:	55 South Chelmsford Road	Is power available within 100 feet?	N/A
City:	Westford, MA 01886	Will a generator be required?	Yes
Contact Person:	Varun Shah	Is access to highest point of roof safe?	N/A
Contact Phone Number:	201.323.2810	Is a ladder required for access?	N/A
Access Hours:	All Day (with Permission)	Is a 15 feet ladder sufficient?	N/A
SA Arranged by:	Peter Fales	Is there a working elevator present?	N/A
SA Phone Number:	(401)835-2033	Will equipment be secure if unattended?	Yes
		Will a crane or mast be required?	Yes
If Crane is required, Is access sufficient?		No	
<b>RF CONFIGURATION</b>		RF Engineer:	Varun Shah
	<b>Omni 1900 MHZ</b>		
Antenna Height:	147 ft and 97 ft (from the tip of antenna)		
Lat/Long:	4234.4136N	07123.1272W	
Orientation:	360		
Lat/long:	4234.4136N	07123.1272W	
<b>Comments:-</b>			



<b>SITE WORKSHEET</b>		
CANDIDATE ID: 4BN1331C	Drive Team	Varun Shah
	Date	2/26/2011
<b>GSM1900</b>		
Antenna Ht:	147 ft and 97 ft (tip of the antenna)	
ERP (W):	20W	
Orientation:	Omni 360	
Antenna Type:	Omni-Yagi	
Test Frequency:	611, 1950 MHz	
Transmitter Number:		
Watt meter Reading (Before and After Test):	Before: 20W	After:20W
GPS Coordinates (Lat/Long):	4234.4136N	07123.1272W
<b>Infrastructure Information:</b>	<b>GSM1900</b>	
Structure Type:	Crane Mount	
Mounting details:	Antenna was mounted on the buckett of a Crane and lifted to height of 147 ft, 125ft and 97 ft	
Describe Mounting:		
List Obstructions:	N/A	
<b>Drive Test Information</b>	<b>GSM1900</b>	
Drive start time/ End Time:	9:00 AM	2:00 PM
Odometer start/ End:		
Miles Covered:		
<b>Power Budget</b>	<b>GSM1900</b>	
TX Output (dBm)	43	
Reflected Power (W)	0 W	
Cable Loss(dB)	0 db	
Antenna gain (dBi)	6 dbi	
Received signal on ground before DT	(-40 db)	
Received signal on ground after DT	(-40 db)	
<b>Comments:-</b>		

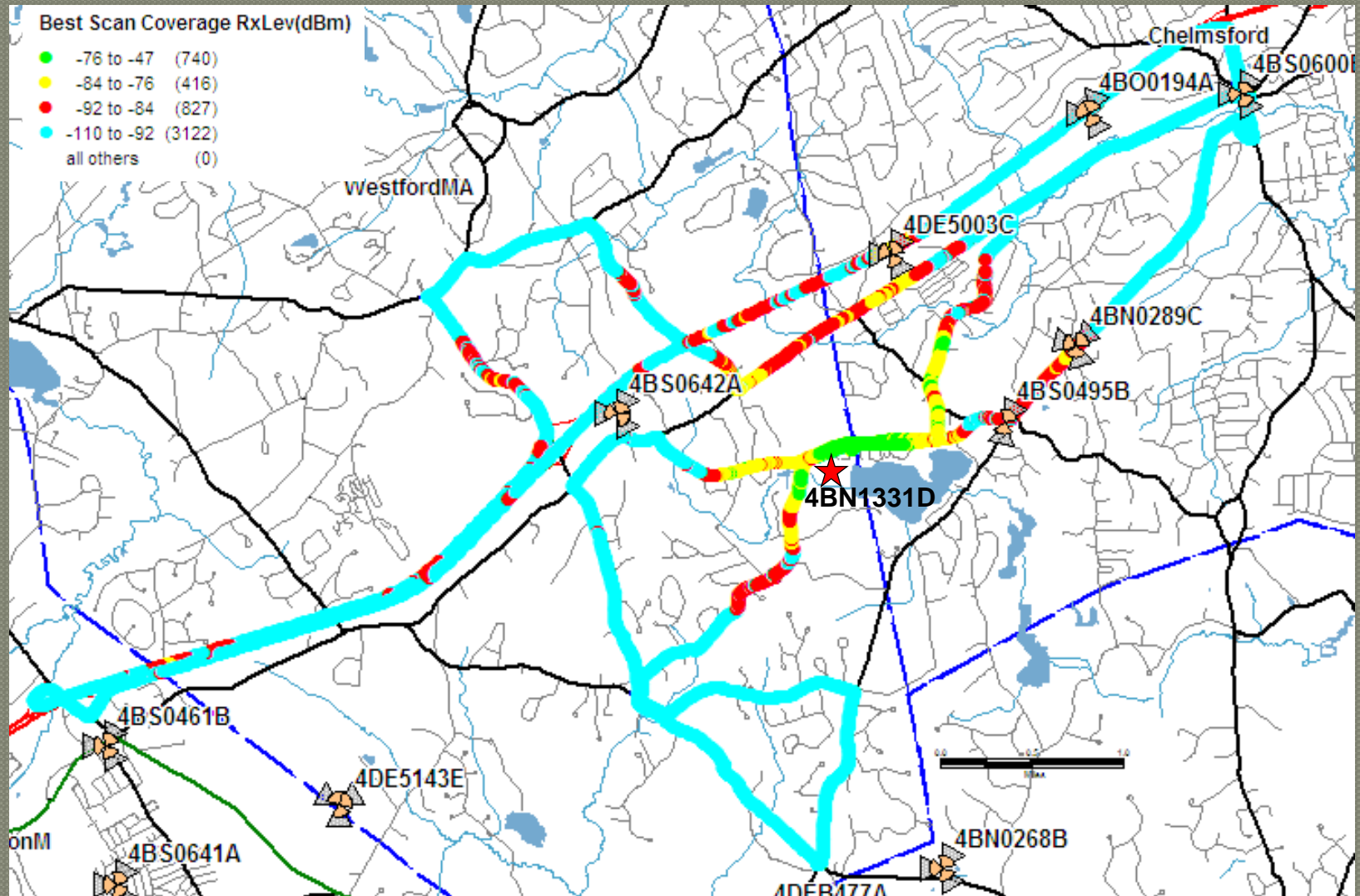


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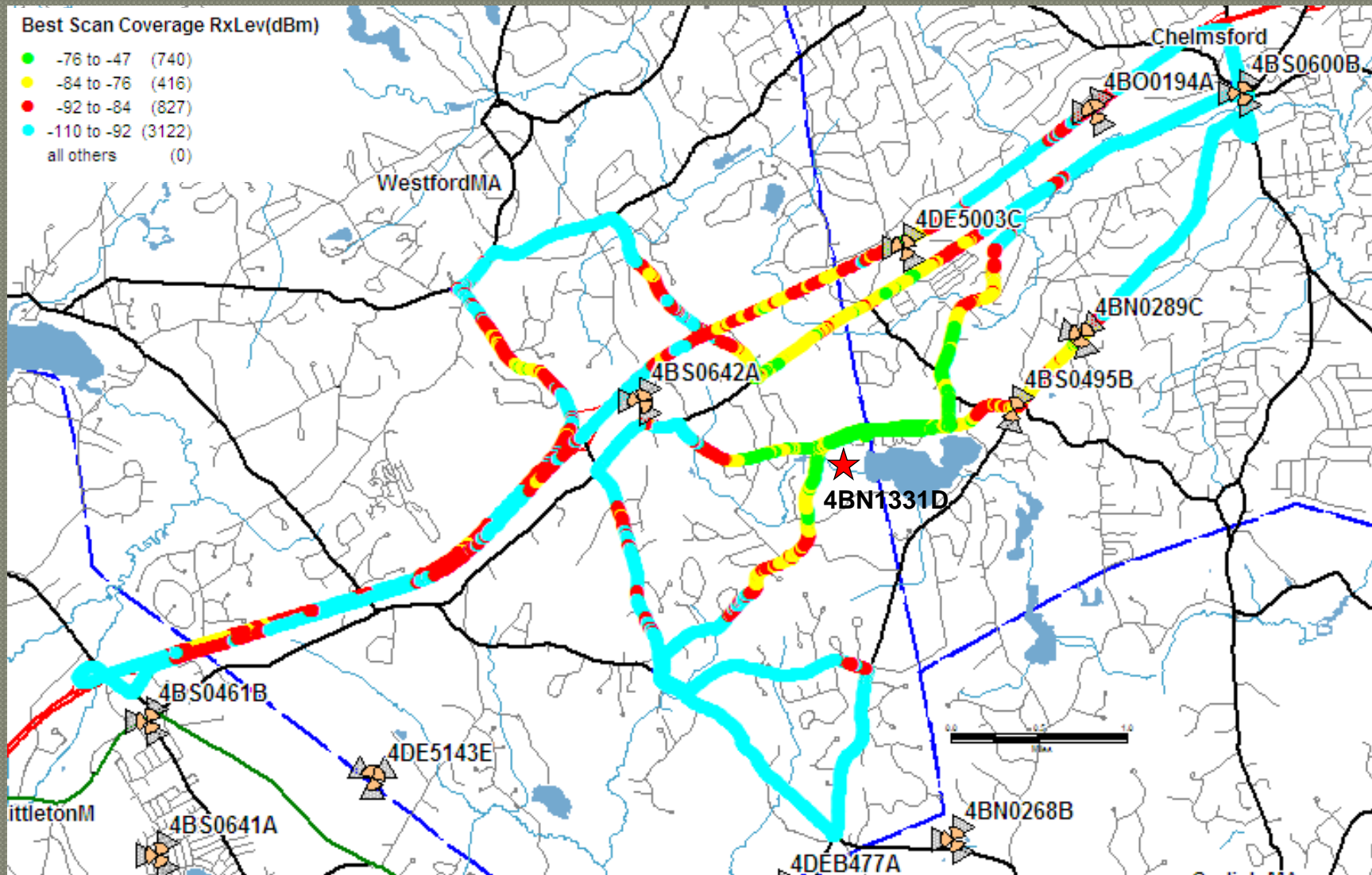
# CW Test-4BN1331D



147 feet - Without 6db Normalized



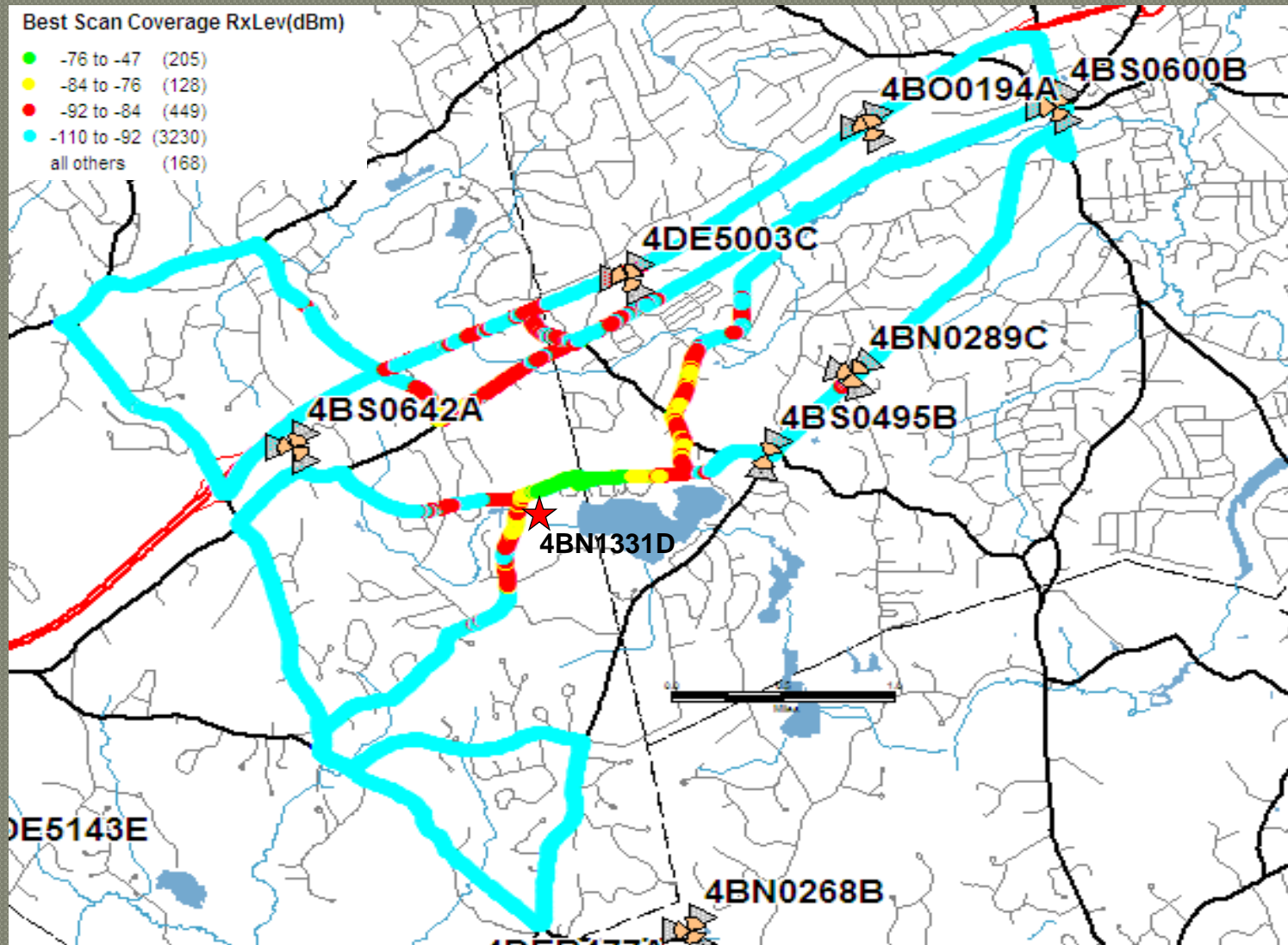
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147 feet - With 6db Normalized



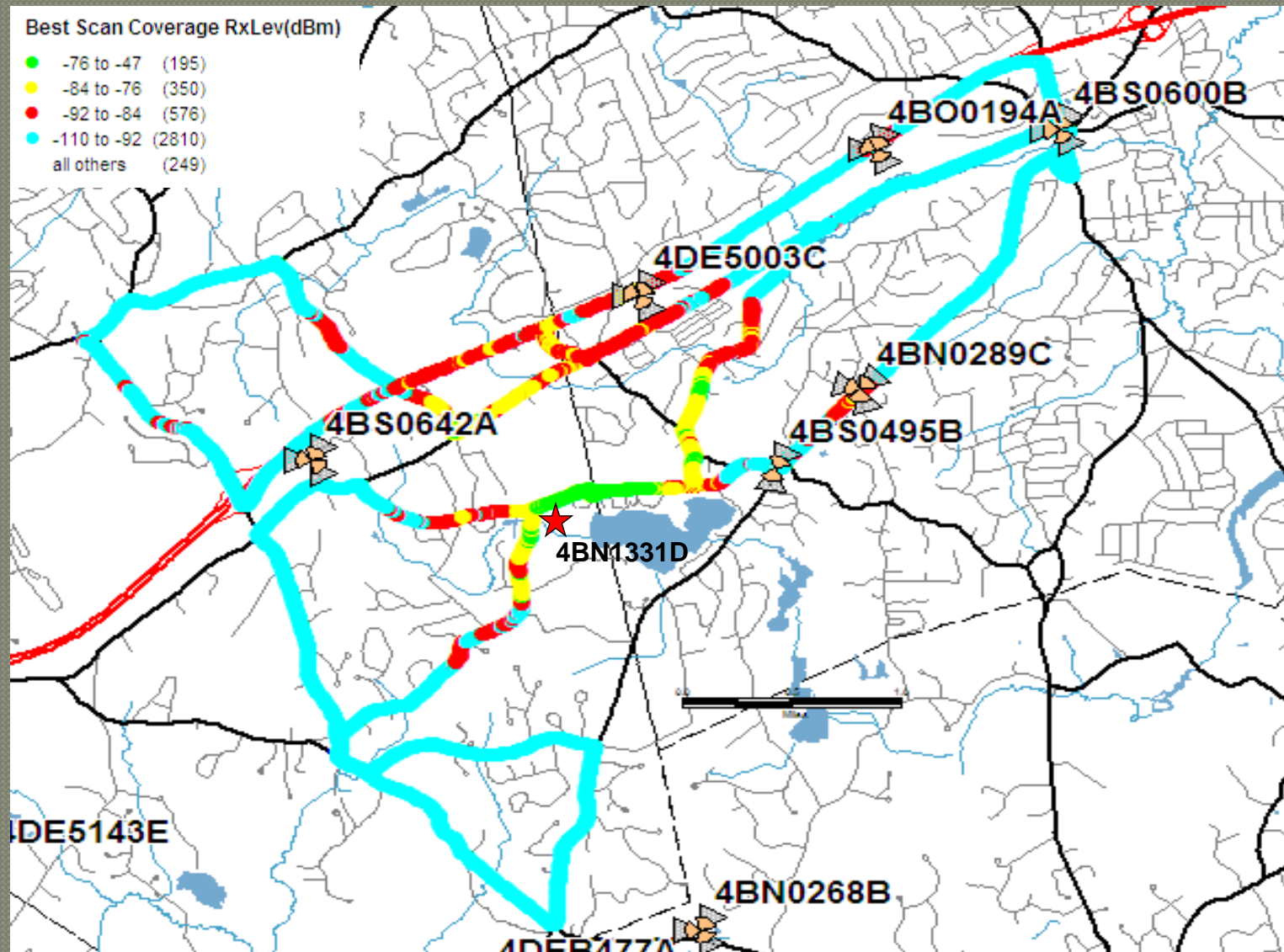
# CW Test-4BN1331D



97 feet - Without 6db Normalized



# CW Test-4BN1331D



97 feet - With 6db Normalized