

Candidate ID: 4BN1331C

5 Lyberty Way Westford, MA

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



SITE INFORMATION FORM		T-Mobile	
		Candidate ID:	4BN1331C
SITE INFORMATION		Date & Time Scheduled:	1/14/2011 8:00 AM
Site Address:	5 Lyberty Way	Is power available within 100 feet?	N/A
City:	Westford Ma	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	Is a 15 feet ladder sufficient?	N/A
SA Arranged by:		Is there a working elevator present?	N/A
SA Phone Number:		Will equipment be secure if unattended?	No
		Will a crane or mast be required?	Yes
If Crane is required, Is access sufficient?		No	
RF CONFIGURATION		RF Engineer:	Varun Shah
	Omni 1900 MHZ		
Antenna Height:	147 ft, 125 ft. and 97ft (from the tip of antenna)		
Lat/Long:	42.336251/-71.25571		
Orientation:	360		
Lat/long:	42.336251/-71.25571		
Comments:-			



SITE WORKSHEET		
CANDIDATE ID: 4BN1331C	Drive Team	Varun Shah
	Date	1/14/2011
GSM1900		
Antenna Ht:	147 ft, 125 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):	42.336251	-71.255716
Infrastructure Information:		
GSM1900		
Structure Type:	Crane Mount	
Mounting details:	Antenna was mounted on the bucket of a Crane and lifted to height of 147 ft, 125ft and 97 ft	
Describe Mounting:		
List Obstructions:	N/A	
Drive Test Information		
GSM1900		
Drive start time/ End Time:	10:00 AM	5:30 PM
Odometer start/ End:		
Miles Covered:		
Power Budget		
GSM1900		
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)	
Comments:-		



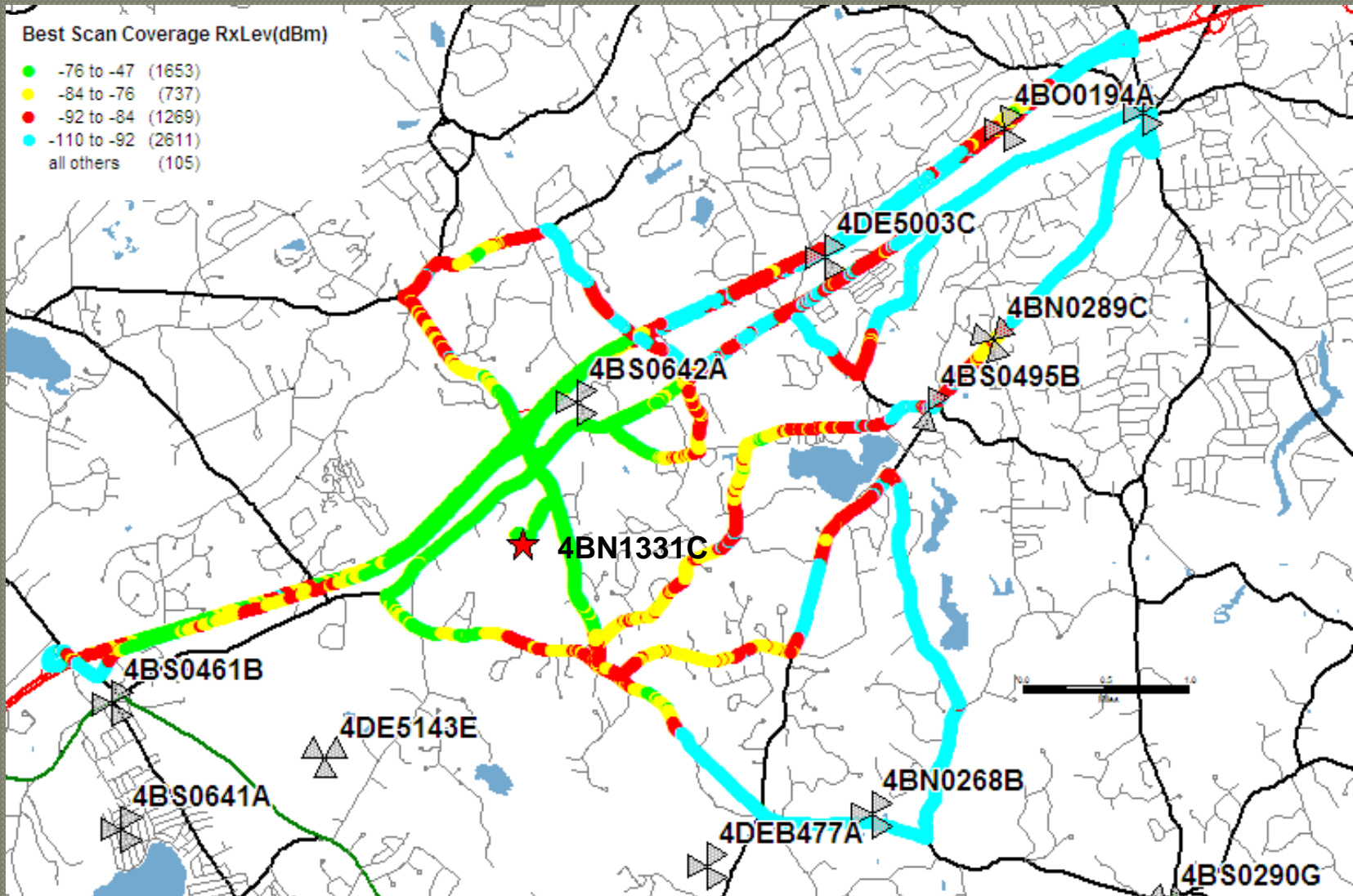


CW Test-4BN1331C





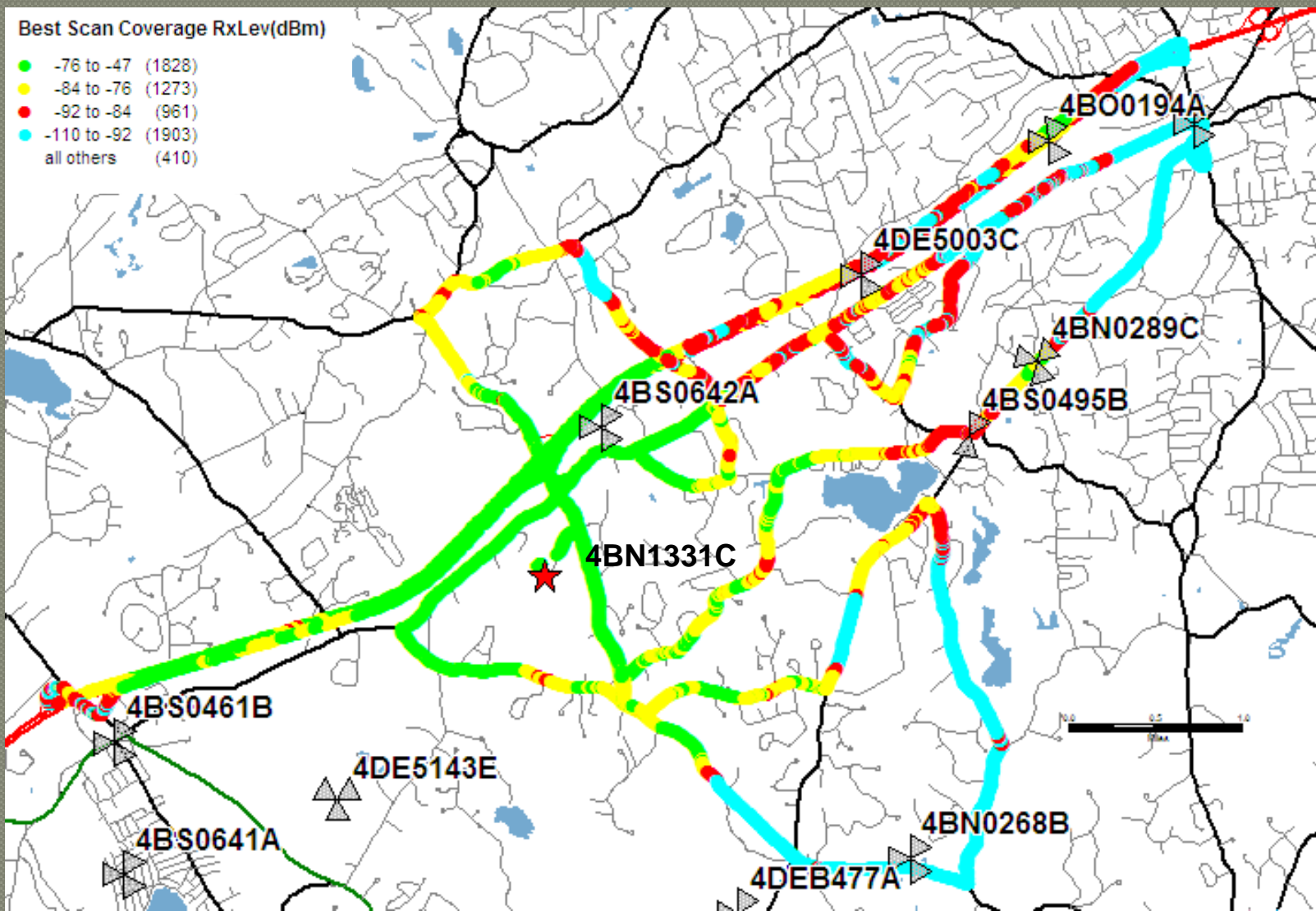
CW Test-4BN1331C



147 feet - Without 6db Normalized



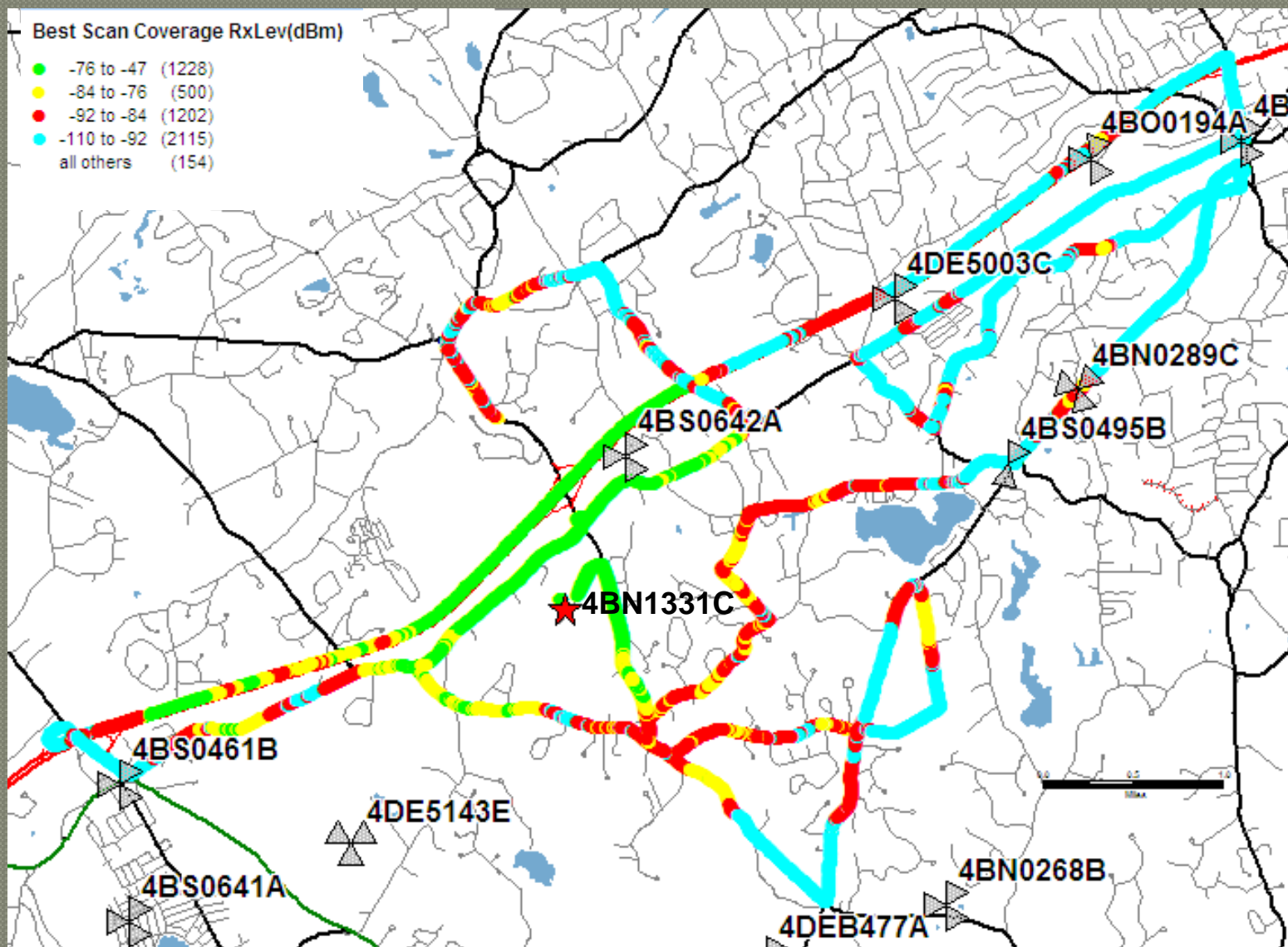
CW Test-4BN1331C



147 feet - With 6db Normalized



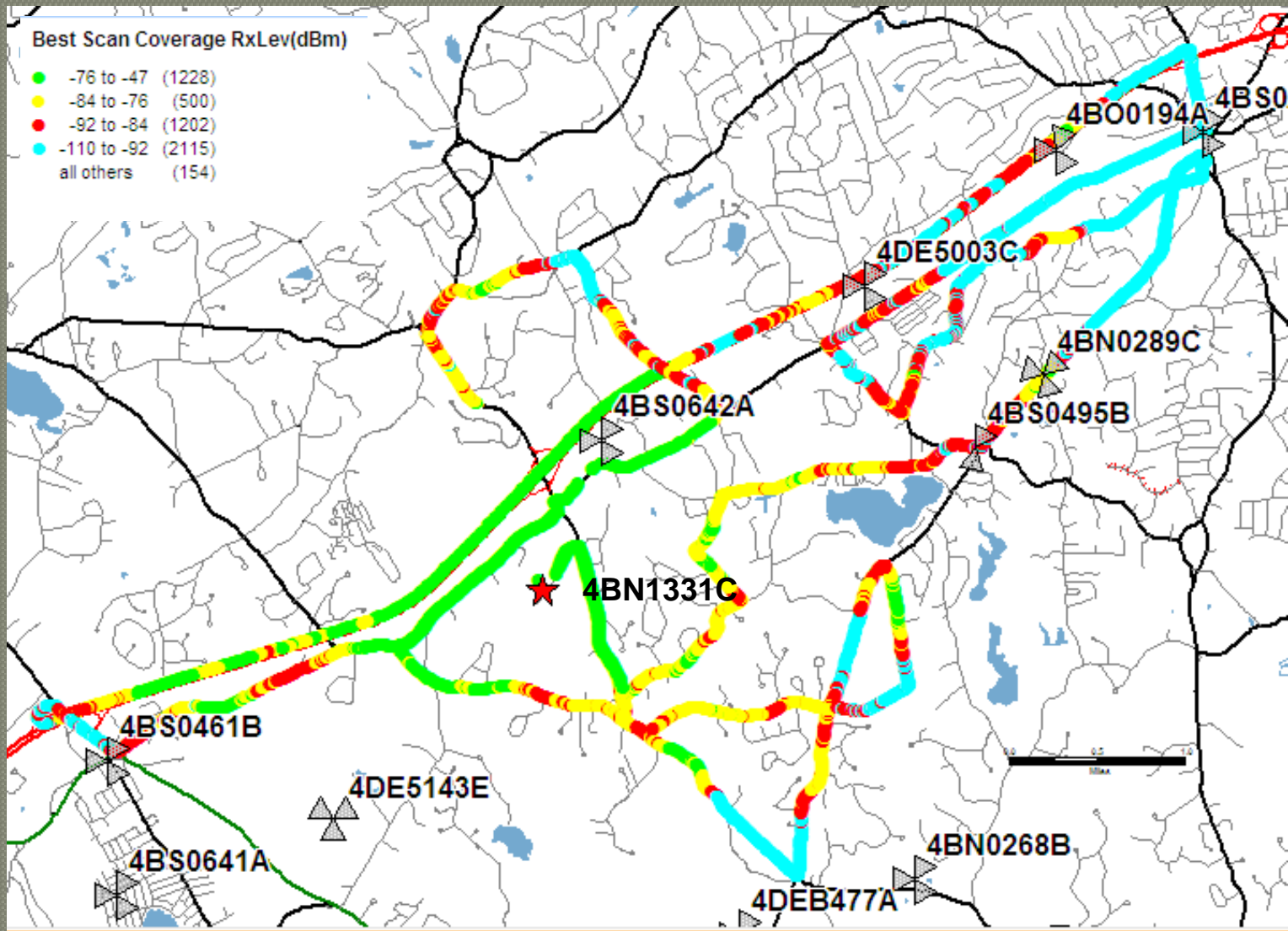
CW Test-4BN1331C



125 feet - Without 6db Normalized



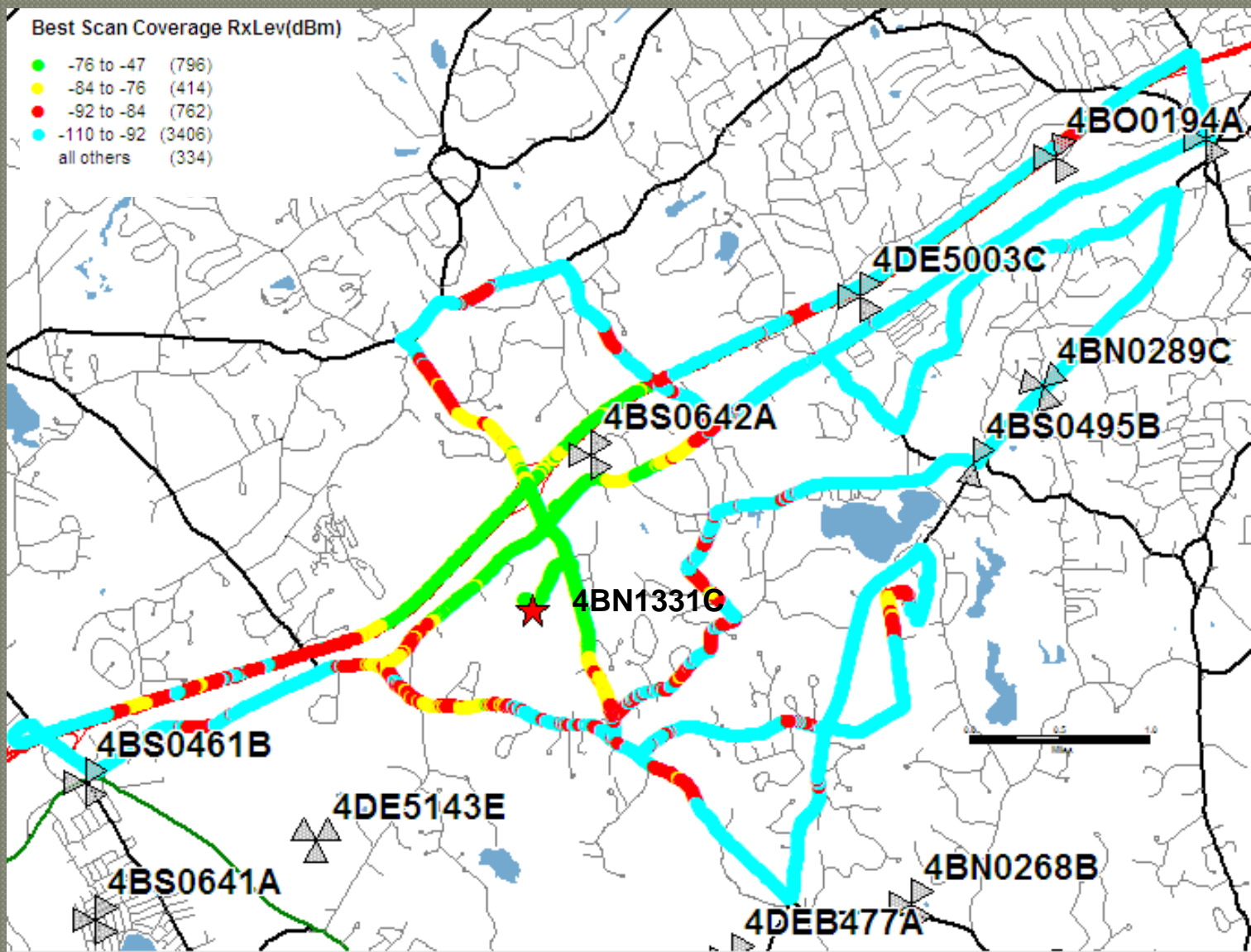
CW Test-4BN1331C



125 feet - With 6db Normalized



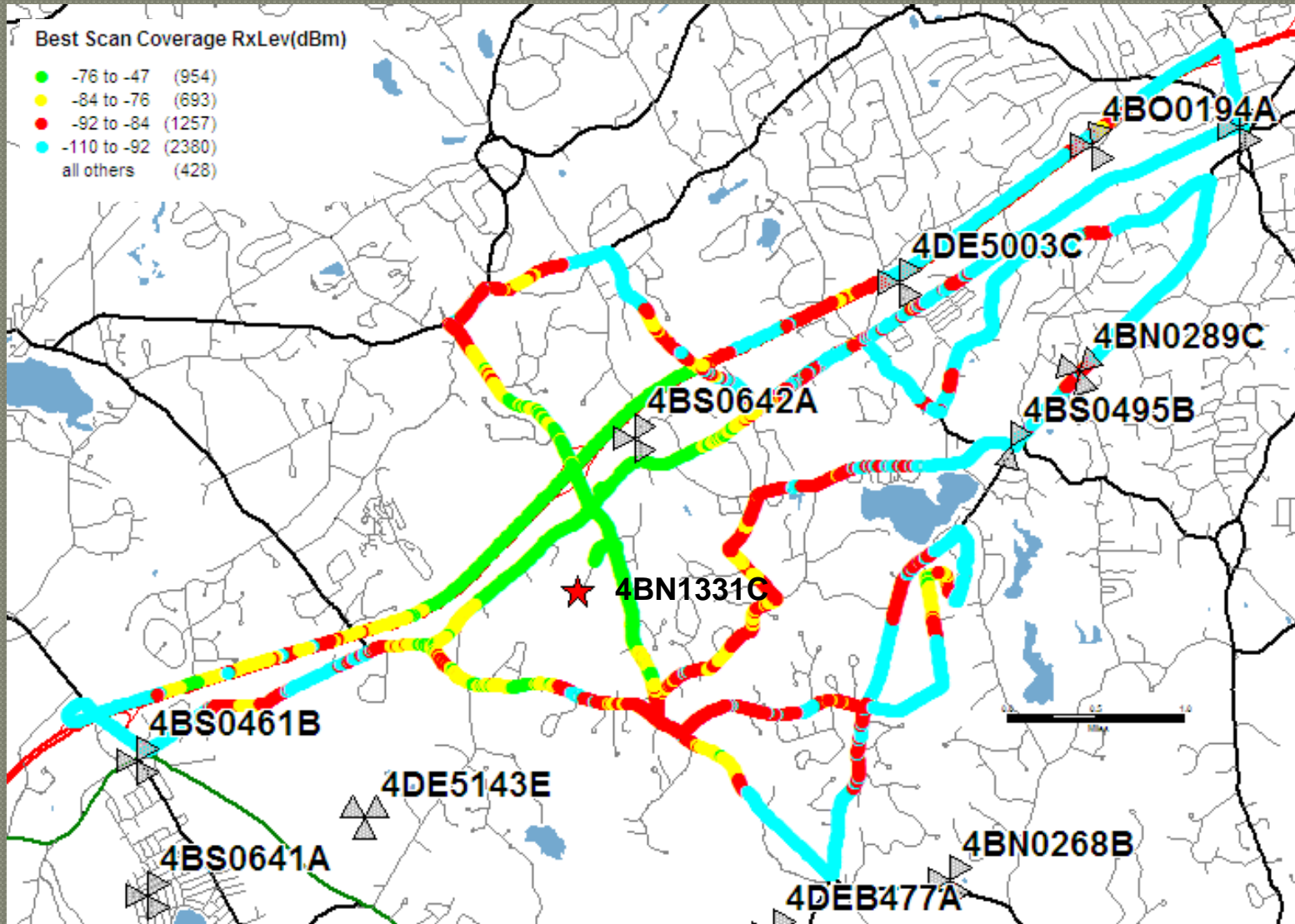
CW Test-4BN1331C



97 feet - Without 6db Normalized



CW Test-4BN1331C



97 feet - With 6db Normalized