	Market	VT-NH-ME		
	Cascade ID	NM03XC068		
		Sector 1	Sector 2	Sector 3
1900	1900MHz_Azimuth	30	100	320
	1900MHz_No_of_Antennas	0	0	0
	1900MHz_RADCenter(ft)	180	180	180
	1900MHz_Antenna Make	Existing	Existing	Existing
	1900MHz_Antenna Model	Existing	Existing	Existing
	1900MHz_Horizontal_Beamwidth	Existing	Existing	Existing
	1900MHz_Vertical_Beamwidth	Existing	Existing	Existing
	1900MHz_AntennaHeight (ft)	Existing	Existing	Existing
	1900MHz_AntennaGain(dBd)	Existing	Existing	Existing
	1900MHz_E_Tilt	Existing	Existing	Existing
	1900MHz _M_Tilt	Existing	Existing	Existing
	1900_Effective_Tilt	Existing	Existing	Existing
	1900MHz_Carrier_Forecast_Year_2013	2	2	2
	1900MHz_RRH Manufacturer	ALU	ALU	ALU
	1900MHz_RRH Model	RRH 1900 4X45 65MHz	RRH 1900 4X45 65MHz	RRH 1900 4X45 65MHz
	1900MHz_RRH Count	1	1	1
	1900MHz_RRH Location	On the Ground	On the Ground	On the Ground
	1900MHz Combiner Model	No Combiner Required	No Combiner Required	No Combiner Required
	1900MHz Power Split Ratio (Main/Split)			
	1900MHz Splitter Manufacturer			
	1900MHz Splitter Model			
	1900MHz Number of Splitters			
	1900MHz_Top_Jumper #1_Length (RRH or Combiner-to-Antenna for TT or Main Coax to Antenna for Ground Mount, ft)	Use existing	Use existing	Use existing
	1900MHz_Top_Jumper #1_Cable_Model (RRH or Combiner-to-Antenna for TT or Main Coax to Antenna for Ground Mount)	Use existing	Use existing	Use existing
	1900MHz_Top_Jumper #2_Length (RRH to Combiner for TT if applicable, ft)	N/A	N/A	N/A
	1900MHz_Top_Jumper #2_Cable_Model (RRH to Combiner for TT if applicable)	N/A	N/A	N/A
	1900MHz_Main_Coax_Cable_Length (ft)	Use existing	Use existing	Use existing
	1900MHz_Main_Coax_Cable_Model	Use existing	Use existing	Use existing
	1900MHz_Bottom_Jumper #1_Length (Ground based RRH to Combiner-OR-Main Coax, ft)	10	10	10
	1900MHz_Bottom_Jumper #1_Cable_Model (Ground based RRH to Combiner-OR-Main Coax)	LCF12-50J	LCF12-50J	LCF12-50J
	1900MHz_Bottom_Jumper #2_Length (Ground based-Combiner to Main Coax, ft)	N/A	N/A	N/A
	1900MHz_Bottom_Jumper #2_Cable_Model (Ground based-Combiner to Main Coax)	N/A	N/A	N/A
800	800MHz_Azimuth	N/A	N/A	N/A
	800MHz_No_of_Antennas	0	0	0
	800MHz_RADCenter(ft)	N/A	N/A	N/A
	800MHz_AntennaMake	N/A	N/A	N/A
	800MHz_AntennaModel	N/A	N/A	N/A
	800MHz_Horizontal_Beamwidth	N/A	N/A	N/A
	800MHz_Vertical_Beamwidth	N/A	N/A	N/A
	800MHz_AntennaHeight (ft)	N/A	N/A	N/A
	800MHz_AntennaGain (dBd)	N/A	N/A	N/A
	800MHz_E_Tilt	N/A	N/A	N/A
	800MHz_M_Tilt	N/A	N/A	N/A
	800 MHz_Effective Tilt (degrees)	N/A	N/A	N/A
	800MHz_RRH Manufacturer	N/A	N/A	N/A
	800_Combiner_Model	N/A	N/A	N/A
	800MHz_RRH Model	N/A	N/A	N/A
	800MHz_RRH Count	0	0	0
	800MHz_RRH Location	N/A	N/A	N/A
	800MHz Power Split Ratio (Main/Split)			
	800MHz Splitter Manufacturer			
	800MHz Splitter Model			
	800MHz Number of Splitters	0	0	0
	800_Top_Jumper #1_Length (RRH to Antenna for TT or Main Coax to Antenna for GM)	N/A	N/A	N/A
	800_Top_Jumper_Cable_Model (RRH to Antenna for TT or Main Coax to Antenna for GM)	N/A	N/A	N/A
	800MHz_Main_Coax_Cable_Length (ft)	N/A	N/A	N/A
	800MHz_Main_Coax_Cable_Model	N/A	N/A	N/A
	800_Bottom_Jumper #1_Length (Ground based RRH to Main Coax)	N/A	N/A	N/A
	800_Bottom_Jumper #1_Cable_Model (Ground based RRH to Main Coax)	N/A	N/A	N/A
Comments	Has_Split	No	No	No
	Plumbing Scenario *	135	135	135
	Date Updated	6/14/2013	6/14/2013	6/14/2013
	Update Description	Fallout to GM2	Fallout to GM2	Fallout to GM2
	Site Type	GM2 coax no 800 with LTE	GM2 coax no 800 with LTE	GM2 coax no 800 with LTE
	* If plumbing scenario does not match the material received, please contact your Construction Manager This RFDS is Deployment View RFDS Generated on 7/8/2013			

RF DATA SHEET
SCALE: N.T.S.

1
A-4

SPRINT CONSTRUCTION STANDARDS:

GENERAL CONTRACTOR SHALL ADHERE TO THE FOLLOWING SPRINT CONSTRUCTION STANDARDS
(AS AMENDED FROM TIME TO TIME AND AVAILABLE ON THE ALU FST DATABASE):

- CONSTRUCTION STANDARDS: INTEGRATED CONSTRUCTION STANDARDS FOR WIRELESS SITES – VERSION 4.0, INCLUDING EXHIBITS A–M.
- CONSTRUCTION SPECIFICATIONS: CONSTRUCTION STANDARDS EXHIBIT A – STANDARD CONSTRUCTION SPECIFICATIONS FOR WIRELESS SITES (VERSION 4.0).
- GROUNDING STANDARDS: EXTERIOR GROUNDING SYSTEM DESIGN. GROUNDING STANDARDS (SUPPLEMENT): ANTI–THEFT UPDATE TO SPRINT GROUNDING 082412 AND SPRINT ENGINEERING LETTER EL–0504 DATED 04.20.12.
- WEATHER PROOFING STANDARDS: EXCERPT FROM CONSTRUCTION STANDARDS EXHIBIT A, SECTION 3.6 WEATHERPROOFING CONNECTORS AND GROUND KITS.
- COLOR CODING: SPRINT NEXTEL ANT AND LINE COLOR CODING (DRAFT) V3 09–08–11.

IMPORTANT:
GENERAL CONTRACTOR/TOWER CREW SHALL VERIFY THAT THE LATEST RF DATA SHEET ARE USED FOR EQUIPMENT INSTALLATION.

Sprint VISION
NETWORK VISION ANNEX LAUNCH
1 INTERNATIONAL BLVD, SUITE 800
MAHWAH, NJ 07495
TEL: (800) 357-7641

CROWN CASTLE
CROWN CASTLE
500 WEST CUMMINGS PARK, SUITE 3600
WOBURN, MA 01801

Hudson Design Group LLC
1600 OSGOOD STREET
BUILDING 20 NORTH, SUITE 3090
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF MAINE
DANIEL P. HAMM
10844
LICENSED PROFESSIONAL ENGINEER

Daniel P. Hamm

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
2	07/31/13	FOR CONSTRUCTION	SF
1	03/04/13	ISSUED FOR REVIEW	SF

SITE NUMBER:
NM03XC068

SITE NAME:
PORTLAND NORTH

SITE ADDRESS:
527 PRESUMPSCOT STREET
PORTLAND, ME 04103

SHEET TITLE
RF DATA SHEET

SHEET NUMBER
A–4