

**EXHIBIT B - TECHNICAL INFORMATION**

**Applicant Name:** Vivint Wireless  
**Applicant FRN:** 0022792816

**Technical Contact Details**

<b>Name of Contact:</b>	Jason Hruban
<b>Contact Details:</b>	Network Planning Manager Vivint Wireless, Inc. 4931 North 300 West Provo, UT 84604 Phone: 801-705-8037 Email: jhruban@vivint.com
Should any interference be reported, the proposed will cease immediately unless and until the interference incident has been resolved. The technical point of contact above has “kill switch” capability for all devices involved in the proposed STA.	

**Legal Contact Details**

<b>Name of Contact:</b>	Timothy Bransford
<b>Contact Details:</b>	Regulatory Counsel Morgan, Lewis & Bockius LLP 1111 Pennsylvania Avenue, NW Washington, DC 20004 Phone: 202-373-6140 Email: timothy.bransford@morganlewis.com

**Explanation**

Vivint seeks STA to undertake tests of prototype LTE equipment manufactured by OEMs and in Maricopa County, Arizona (Station 1) and Salt Lake County, Utah (Station 2). Please see <b>Exhibit A</b> to the instant application for a complementary narrative explanation of the proposed operations and justification for STA.
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**Station 1 - Maricopa County**

<b>Radius of Operation</b>	Not to exceed 20 kilometers from geographic centerpoint (Radius applicable to all STA operations)
<b>Geographic Centerpoint (Lat / Long. NAD 83)</b>	33° 21' 6.43" N
	111° 51' 25.75" W
<b>Elevation</b>	1090 (@ centerpoint coordinates)

**Station 1 / Transmitter 1 - Small Cell Transmitter**

<b>Device Manufacturer &amp; Model:</b>	
<b>Number of Transmitters:</b>	Not to exceed 50

<b>Frequency Range / Tolerance</b>	<b>High (MHz)</b>	<b>Low (MHz)</b>
	3700.0000	3550.0000

<b>Frequency Range / Tolerance</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth (MHz)</b>	<b>Power Out (Watts)</b>	<b>EIRP (dBW)</b>
	Digital	D7D	18.5	0.631 W	6.31

<b>Antenna Details</b>	
<b>Type</b>	
<b>Quantity</b>	Not to exceed 50
<b>Gain</b>	10 dBi (@midband)
<b>Beam Width at Half- Power Point</b>	NA (Omni)
<b>Orientation in Horizontal Plane</b>	NA
<b>Orientation in Vertical Plane</b>	NA

**Station 1 / Transmitter 2 - Customer Premise Equipment (Outdoor Unit)**

<b>Device Manufacturer &amp; Model:</b>	
<b>Number of Transmitters:</b>	Not to exceed 200

<b>Frequency Range / Tolerance</b>	<b>High (MHz)</b>	<b>Low (MHz)</b>
	3700.0000	3550.0000

<b>Frequency Range / Tolerance</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth (MHz)</b>	<b>Power Out (Watts)</b>	<b>EIRP (dBW)</b>
	Digital	W7W	20.0	0.39 W	7.94

<b>Antenna Details</b>	
<b>Type</b>	Integrated
<b>Quantity</b>	Not to exceed 200
<b>Gain</b>	13 dBi (@midband)
<b>Beam Width at Half-Power Point</b>	63°
<b>Orientation in Horizontal Plane</b>	NA
<b>Orientation in Vertical Plane</b>	NA

**Station 1 / Transmitter 3 - Customer Premise Equipment (Indoor Unit)**

<b>Device Manufacturer &amp; Model:</b>	
<b>Number of Transmitters:</b>	Not to exceed 200

<b>Frequency Range / Tolerance</b>	<b>High (MHz)</b>	<b>Low (MHz)</b>
	3700.0000	3550.0000

<b>Frequency Range / Tolerance</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth (MHz)</b>	<b>Power Out (Watts)</b>	<b>EIRP (dBW)</b>
	Digital	W7W	20.0	0.50 W	2.51

<b>Antenna Details</b>	
<b>Type</b>	Integrated
<b>Quantity</b>	Not to exceed 200
<b>Gain</b>	7 dBi (@midband)
<b>Beam Width at Half-Power Point</b>	90°
<b>Orientation in Horizontal Plane</b>	NA
<b>Orientation in Vertical Plane</b>	NA

**Station 2 - Salt Lake County**

<b>Radius of Operation</b>	Not to exceed 20 kilometers from geographic centerpoint (Radius applicable to all STA operations)
<b>Geographic Centerpoint (Lat / Long. NAD 83)</b>	40° 31' 21.58" N
	111° 56' 14.83" W
<b>Elevation</b>	4450 (@ centerpoint coordinates)

**Station 2 / Transmitter 1 - Small Cell Transmitter**

<b>Device Manufacturer &amp; Model:</b>	
<b>Number of Transmitters:</b>	Not to exceed 50

<b>Frequency Range / Tolerance</b>	<b>High (MHz)</b>	<b>Low (MHz)</b>
	3700.0000	3550.0000

<b>Frequency Range / Tolerance</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth (MHz)</b>	<b>Power Out (Watts)</b>	<b>EIRP (dBW)</b>
	Digital	W7D	20.0	0.5 W	5

<b>Antenna Details</b>	
<b>Type</b>	
<b>Quantity</b>	Not to exceed 50
<b>Gain</b>	10 dBi (@midband)
<b>Beam Width at Half-Power Point</b>	NA (Omni)
<b>Orientation in Horizontal Plane</b>	NA
<b>Orientation in Vertical Plane</b>	NA

**Station 2 / Transmitter 2 - Customer Premise Equipment (Outdoor Unit)**

<b>Device Manufacturer &amp; Model:</b>	
<b>Number of Transmitters:</b>	Not to exceed 200

<b>Frequency Range / Tolerance</b>	<b>High (MHz)</b>	<b>Low (MHz)</b>
	3700.0000	3550.0000

<b>Frequency Range / Tolerance</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth (MHz)</b>	<b>Power Out (Watts)</b>	<b>EIRP (dBW)</b>
	Digital	W7D	20.0	0.39 W	19.95

<b>Antenna Details</b>	
<b>Type</b>	Integrated
<b>Quantity</b>	Not to exceed 200
<b>Gain</b>	17 dBi (@midband)
<b>Beam Width at Half-Power Point</b>	54°
<b>Orientation in Horizontal Plane</b>	NA
<b>Orientation in Vertical Plane</b>	NA

**Station 2 / Transmitter 3 - Customer Premise Equipment (Indoor Unit)**

<b>Device Manufacturer &amp; Model:</b>	
<b>Number of Transmitters:</b>	Not to exceed 200

<b>Frequency Range / Tolerance</b>	<b>High (MHz)</b>	<b>Low (MHz)</b>
	3700.0000	3550.0000

<b>Frequency Range / Tolerance</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth (MHz)</b>	<b>Power Out (Watts)</b>	<b>EIRP (dBW)</b>
	Digital	W7D	20.0	0.40 W	3.16

<b>Antenna Details</b>	
<b>Type</b>	Integrated
<b>Quantity</b>	Not to exceed 200
<b>Gain</b>	9 dBi (@midband)
<b>Beam Width at Half-Power Point</b>	NA (Omni)
<b>Orientation in Horizontal Plane</b>	NA
<b>Orientation in Vertical Plane</b>	NA