DIGITALBRIDGE
COMMUNICATIONS
44675 Cape Court, Suite 130
Ashburn, VA 20147

1 October 2010

WT Docket No. 06-136

Office of the Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, S.W.
12th Street Lobby, TW-A325
Washington, DC 20554

RE: Post-Transition Notification - DigitalBridge Spectrum Corp.
Transition of the 2500-2690 MHz Band for BRS and EBS
Transition Area: BTA Number 300: Missoula, MT

Dear Ms. Dortch:

DigitalBridge Spectrum Corp., the designated Proponent for BTA Number 300: Missoula, MT., hereby notifies the Commission, pursuant to Section 27.1235 of its Rules, that it has timely completed the bandplan transition for this BTA.

As required by Section 21.1235, attached hereto are the following:

- **Exhibit 1** which contains a list of the licensees that have transitioned to the new band plan; and
- **Exhibit 2** listing each station in the MBS including
  - the station coordinates,
  - antenna make and model,
  - the horizontal and vertical pattern of the antenna,
  - the EIRP of the main lobe,
  - antenna orientation,
  - height of the antenna center of radiation,
  - transmitter output power, and
  - the line and combiner losses.

As required by Section Section 27 1235(c), a copy of the subject Post- Transition Notification is being served on all parties to the transition of this market as listed in **Exhibit 1.**

If you have any questions regarding this matter please contact the undersigned at (703) 723-6272

Sincerely,

William Wallace

W lliam Wallace
EVP Policy & External Affairs

cc: Joel Taubenblatt, Chief, Broadband Division, WTB
John Schauble, Deputy Chief, Broadband Division, WTB
Consuela Kearney, I dustry Analyst, Broadband Divisi WTB

Exhibit 1
List of Facilities That Have Been Transitioned

The authorizations listed below have been transitioned by DigitalBridge Communications to the frequencies assigned to them under §27.5(i)(2).

BTA #300: Missoula, MT

B300, DigitalBridge Spectrum Corp.	Channels: M1M2AE1E2E3E4F1F2F3F4 H1H2H3
LTAB-649, Loyola Sacred Heart High School (STA)	Channels: C1C2C3C4
WNC728, Frenchtown High School	Channels: A1A2A3A4
WNC761, Florence-Carlton High School	Channels: D1D2D3D4
WNC763, Frenchtown Elementary School	Channels: B1B2B3B4
WNC764, Florence-Carlton Elementary School	Channels: G1G2G3G4

DigitalBridge Communucations, Corp.
BTA #300: Missoula, MT

B300, DigitalBridge Spectrum Corp.
Post-Transition MBS Parameters:
MBS Channel E4: 2608.0 - 2614.0 MHz
MBS Channel F4: 2602.0 - 2608.0 MHz
This licensee is not currently operating in the Mid-Band Segment.

LTAB-649, Loyola Sacred Heart High School (STA)
Post-Transition MBS Parameters:
MBS Channel C4: 2584.0 - 2590.0 MHz

Transmitting Site# 1: Missoula Mt. Imports
Coordinates: 46-52- 4.0, 114- 1-24.6

Antenna # 1: Make/Model: Alvarion 723214, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 190.0 deg.
Channel(s): B4, EIRP: 12.0 dBw
Antenna Height AGL: 70.0 feet (21.3 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

Transmitting Site# 2: Missoula North Reserve
Coordinates: 46-53-23.6, 114- 2-25.9

Antenna # 2: Make/Model: Alvarion 723215, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 0.0 deg.
Channel(s): B4, EIRP: 12.0 dBw
Antenna Height AGL: 75.0 feet (22.9 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

DigitalBridge Communucations, Corp.
BTA #300: Missoula, MT

WNC728, Frenchtown High School
Post-Transition MBS Parameters:
MBS Channel A4: 2572.0 - 2578.0 MHz

Transmitting Site# 1: Missoula Mt. Imports
Coordinates: 46-52- 4.0, 114- 1-24.6

Antenna # 1: Make/Model: Alvarion 723214, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 280.0 deg.
Channel(s): A4, EIRP: 12.0 dBw
Antenna Height AGL: 70.0 feet (21.3 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

WNC761, Florence-Carlton High School
Post-Transition MBS Parameters:
MBS Channel D4: 2590.0 - 2596.0 MHz

Transmitting Site# 1: Missoula Rattlesnake
Coordinates: 46-56-39.4, 113-58- 8.6

Antenna # 1: Make/Model: Alvarion 723214, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 180.0 deg.
Channel(s): D4, EIRP: 12.0 dBw
Antenna Height AGL: 20.0 feet (6.1 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

DigitalBridge Communucations, Corp.
BTA #300: Missoula, MT

WNC763, Frenchtown Elementary School
Post-Transition MBS Parameters:
MBS Channel B4: 2578.0 - 2584.0 MHz

Transmitting Site# 1: Missoula Mt. Imports
Coordinates: 46-52- 4.0, 114- 1-24.6

Antenna # 1: Make/Model: Alvarion 723214, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 190.0 deg.
Channel(s): B4, EIRP: 12.0 dBw
Antenna Height AGL: 70.0 feet (21.3 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

Transmitting Site# 2: Missoula North Reserve
Coordinates: 46-53-23.6, 114- 2-25.9

Antenna # 2: Make/Model: Alvarion 723215, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 0.0 deg.
Channel(s): B4, EIRP: 12.0 dBw
Antenna Height AGL: 75.0 feet (22.9 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

DigitalBridge Communucations, Corp.
BTA #300: Missoula, MT

WNC764, Florence-Carlton Elementary School
Post-Transition MBS Parameters:
MBS Channel G4: 2596.0 - 2602.0 MHz

Transmitting Site# 1: Missoula Rattlesnake
Coordinates: 46-56-39.4, 113-58- 8.6

Antenna # 1: Make/Model: Alvarion 723214, Gain: 15.5 dBi
Polarity: H/V, Beamwidth: 90.0 deg., Orientation: 180.0 deg.
Channel(s): G4, EIRP: 12.0 dBw
Antenna Height AGL: 20.0 feet (6.1 meters)

Emissions Designator(s): 6M00D7W
TPO: 4.0 watts, System Loss: 0.5 dB

BASE STATION ANTENNA
2.3 – 2.7 GHz DUAL SLANT
SECTOR 65º
P.N. 723214

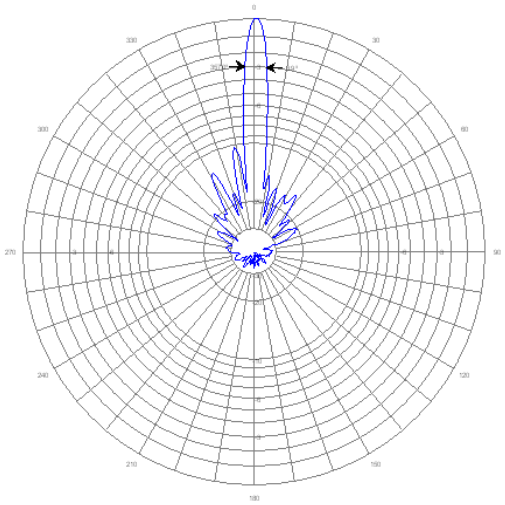
REGULATORY COMPLIANCE	ESTI EN 302 085 class CS2 RoHS Compliance
ELECTRICAL	
FREQUENCY RANGE	2.3 - 2.7 GHz
GAIN	17 dBi (min)
VSWR	1.5:1 (max)
3 dB AZIMUTH BEAMWIDTH	65° (typ)
POLARIZATION	Dual Slant ±45°
ELEVATION BEAMWIDTH	7° ± 2°
INTERPORT ISOLATION	>25dB
CROSS POLARIZATION	ESTI EN 302 085 class CS2
F/B RATIO	ESTI EN 302 085 class CS2
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	20W (max)
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (LxWxD)	1000 x 120 x 50 mm
WEIGHT	2.0 Kg (max)
CONNECTOR	N-Type Female
RADOME	Plastic color RAL 7035
Pole mounting hardware	Mounting Kit Brackets for 40-120mm Dia pole

ENVIRONMENTAL	
TEMP. CYCLING	-40°C to +70°C
VIBRATION	ETSI 300 019-2-4
SHOCK MECHANICAL	ETSI 300 019-2-4
HUMIDITY	95% Condensation
WATER TIGHTNESS	IP-67
SOLAR RADIATION	MIL-STD-810
FLAMMABILITY	UL 94 Class HB
SALT SPRAY	ETSI 300 019-2-4
ICE AND SNOW	25mm at 7Kn/m³
WIND SPEED: SURVIVAL OPERATION	 220 Km/h 160 Km/h

ANTENNA PATTERNS

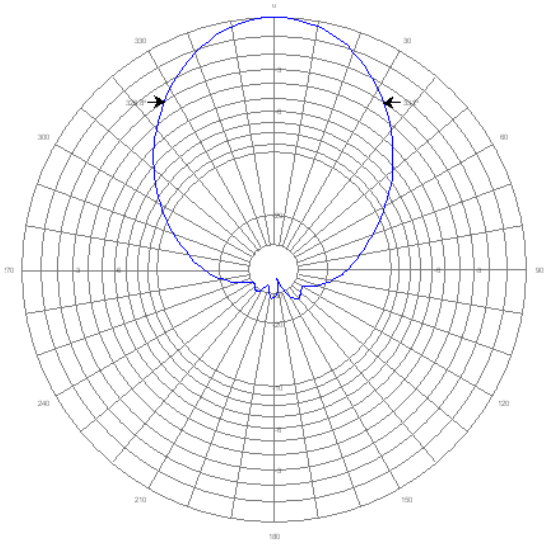
Elevation Pattern

Frequency 2.5GHz



Azimuth Pattern

Frequency 2.5GHz



BASE STATION ANTENNA
2.3 – 2.7 GHz DUAL SLANT
SECTOR 90º
P.N. 723215

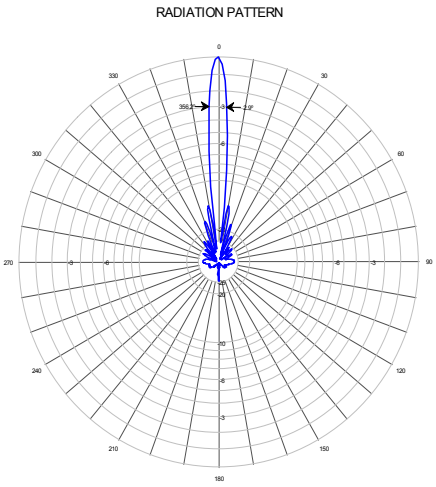
REGULATORY COMPLIANCE	ESTI EN 302 085 class CS2 RoHS Compliance
ELECTRICAL	
FREQUENCY RANGE	2.3 - 2.7 GHz
GAIN	15.5 dBi (min)
VSWR	1.5:1 (max)
3 dB AZIMUTH BEAMWIDTH	90° (typ)
POLARIZATION	Dual Slant ±45°
ELEVATION BEAMWIDTH	8° ± 2°
INTERPORT ISOLATION	>25dB
CROSS POLARIZATION	ESTI EN 302 085 class CS2
F/B RATIO	ESTI EN 302 085 class CS2
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	20W (max)
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (LxWxD)	1000 x 120 x 50 mm
WEIGHT	2.0 Kg (max)
CONNECTOR	N-Type Female
RADOME	Plastic color RAL 7035
Pole mounting hardware	Mounting Kit Brackets for 40-120mm Dia pole

ENVIRONMENTAL	
TEMP. CYCLING	-40°C to +70°C
VIBRATION	ETSI 300 019-2-4
SHOCK MECHANICAL	ETSI 300 019-2-4
HUMIDITY	95% Condensation
WATER TIGHTNESS	IP-67
SOLAR RADIATION	MIL-STD-810
FLAMMABILITY	UL 94 Class HB
SALT SPRAY	ETSI 300 019-2-4
ICE AND SNOW	25mm at 7Kn/m³
WIND SPEED: SURVIVAL OPERATION	 220 Km/h 160 Km/h

ANTENNA PATTERNS

Elevation Pattern

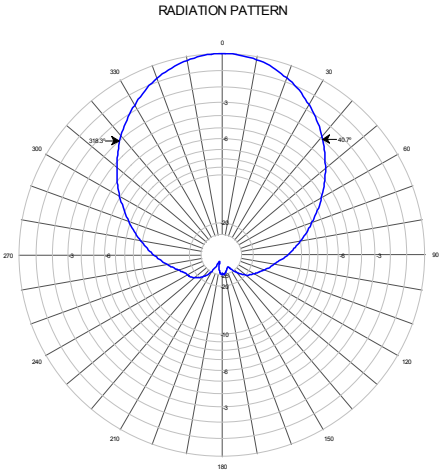
Frequency 2.5GHz



Slant + 45 °
Vertical Plane
Freq = 2500.000 MHz
± 3 dB Beamwidth = 6.66° (Vertical Plane)

Azimuth Pattern

Frequency 2.5GHz



Slant + 45 °
Horizontal Plane
Freq = 2500.000 MHz
± 3 dB Beamwidth = 82.43° (Horizontal Plane)

Certification

Pursuant to Section 27.1235 of the Commission s Rules, DigitalBridge Spectrum Corp certifies that has completed the transition of the Missoula, MT Basic Trading Area, BTA #300.

William Wallace
EVP-P li & External Affairs