

## **Annexure 2-A, Amendment 2**

Details regarding 1800 MHz band Frequency Spots

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**1800 MHz Band - Bihar**

<b>Details of carriers in the block size of 200 KHz (in MHz)</b>			
<b>A</b>		<b>B</b>	
<b>Uplink</b>	<b>Downlink</b>	<b>Uplink</b>	<b>Downlink</b>
1718.2	1813.2	1760.6	1855.6
1718.4	1813.4		
1718.6	1813.6		
1718.8	1813.8		
1719.0	1814.0		
1719.2	1814.2		
1719.4	1814.4		
1719.6	1814.6		
1719.8	1814.8		
9		1	

10

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5

A(Partial): Available in Motihari, Gopaganj, Madhubani, Raxaul, Betiah, Sheohar and Sitamarhi

B(Partial): Available in Entire service area except Patna, Purnea, Chapra, Jahanabad and Ara

Block A: Available in December 2015



**1800 MHz Band -Haryana**

<b>Details of carriers in the block size of 200 KHz (in MHz)</b>							
<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>	
<b>Uplink</b>	<b>Downlink</b>	<b>Uplink</b>	<b>Downlink</b>	<b>Uplink</b>	<b>Downlink</b>	<b>Uplink</b>	<b>Downlink</b>
1718.4	1813.4	1733.2	1828.2	1743.4	1838.4	1763.0	1858.0
1718.6	1813.6	1733.4	1828.4	1743.6	1838.6	1763.2	1858.2
1718.8	1813.8	1733.6	1828.6	1743.8	1838.8	1763.4	1858.4
1719.0	1814.0	1733.8	1828.8	1744.0	1839.0	1763.6	1858.6
		1734.0	1829.0	1744.2	1839.2	1763.8	1858.8
		1734.2	1829.2	1744.4	1839.4	1764.0	1859.0
		1734.4	1829.4	1744.6	1839.6	1764.2	1859.2
		1734.6	1829.6	1744.8	1839.8	1764.4	1859.4
		1734.8	1829.8	1745.0	1840.0	1764.6	1859.6
		1735.0	1830.0				
		1735.2	1830.2				
		1735.4	1830.4				
		1735.6	1830.6				
		1735.8	1830.8				
		1736.0	1831.0				
		1736.2	1831.2				
		1736.4	1831.4				
		1736.6	1831.6				
4		18		9		9	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5

**1800 MHz Band -Himachal Pradesh**

Details of carriers in the block size of 200 KHz (in MHz)									
A		B		C		D		E	
Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	Uplink	Downlink
1714.0	1809.0	1716.8	1811.8	1717.0	1812.0	1743.8	1838.8	1761.0	1856.0
				1717.2	1812.2	1744.0	1839.0	1761.2	1856.2
				1717.4	1812.4	1744.2	1839.2	1761.4	1856.4
				1717.6	1812.6	1744.4	1839.4	1761.6	1856.6
				1717.8	1812.8	1744.6	1839.6	1761.8	1856.8
				1718.0	1813.0	1744.8	1839.8	1762.0	1857.0
				1718.2	1813.2	1745.0	1840.0	1762.2	1857.2
				1718.4	1813.4	1745.2	1840.2	1762.4	1857.4
				1718.6	1813.6	1745.4	1840.4	1762.6	1857.6
				1718.8	1813.8	1745.6	1840.6	1762.8	1857.8
				1719.0	1814.0	1745.8	1840.8	1763.0	1858.0
				1719.2	1814.2	1746.0	1841.0	1763.2	1858.2
				1719.4	1814.4	1746.2	1841.2	1763.4	1858.4
				1719.6	1814.6	1746.4	1841.4	1763.6	1858.6
				1719.8	1814.8	1746.6	1841.6		
				1720.0	1815.0				
				1720.2	1815.2				
				1720.4	1815.4				
				1720.6	1815.6				
				1720.8	1815.8				
1		1		20		15		14	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5  
 Block C: Entire service area except Chamba, Kangra, Kinnaur, Shimla, Sirmour and Solan

**1800 MHz Band -Karnataka**

Details of carriers in the block size of 200 KHz (in MHz)							
A		B		C		D	
Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	Uplink	Downlink
1714.6	1809.6	1714.8	1809.8	1722.6	1817.6	1743.6	1838.6
		1715.0	1810.0	1722.8	1817.8	1743.8	1838.8
				1723.0	1818.0		
				1723.2	1818.2		
1		2		4		2	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5  
 Block A and C: Available in February 2016

1800 MHz band - Kerala	
Details of carriers in the block size of 200 KHz (in MHz)	
Uplink	Downlink
A	
1746.4	1819.4
1746.6	1819.6
1746.8	1819.8
1747.0	1820.0
1747.2	1820.2
5	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5



**1800 MHz Band -Kolkata**

<b>Details of carriers in the block size of 200 KHz (in MHz)</b>			
<b>A</b>		<b>B</b>	
<b>Uplink</b>	<b>Downlink</b>	<b>Uplink</b>	<b>Downlink</b>
1741.0	1836.0	1760.6	1855.6
1741.2	1836.2	1760.8	1855.8
1741.4	1836.4	1761.0	1856.0
1741.6	1836.6	1761.2	1856.2
1741.8	1836.8	1761.4	1856.4
1742.0	1837.0	1761.6	1856.6
1742.2	1837.2	1761.8	1856.8
1742.4	1837.4	1762.0	1857.0
1742.6	1837.6	1762.2	1857.2
1742.8	1837.8	1762.4	1857.4
1743.0	1838.0		
1743.2	1838.2		
1743.4	1838.4		
1743.6	1838.6		
1743.8	1838.8		
1744.0	1839.0		
1744.2	1839.2		
1744.4	1839.4		
1744.6	1839.6		
1744.8	1839.8		
1745.0	1840.0		
1745.2	1840.2		
1745.4	1840.4		
1745.6	1840.6		
1745.8	1840.8		
25		10	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5



**1800 MHz Band -Odissa**

Details of carriers in the block size of 200 KHz (in MHz)							
A		B		C		D	
Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	Uplink	Downlink
1736.8	1831.8	1741.8	1836.8	1746.8	1841.8	1753.8	1848.8
1737.0	1832.0	1742.0	1837.0	1747.0	1842.0	1754.0	1849.0
1737.2	1832.2	1742.2	1837.2	1747.2	1842.2	1754.2	1849.2
1737.4	1832.4	1742.4	1837.4	1747.4	1842.4	1754.4	1849.4
1737.6	1832.6	1742.6	1837.6	1747.6	1842.6	1754.6	1849.6
1737.8	1832.8	1742.8	1837.8	1747.8	1842.8	1754.8	1849.8
1738.0	1833.0	1743.0	1838.0	1748.0	1843.0		
1738.2	1833.2	1743.2	1838.2	1748.2	1843.2		
1738.4	1833.4	1743.4	1838.4	1748.4	1843.4		
1738.6	1833.6	1743.6	1838.6	1748.6	1843.6		
1738.8	1833.8	1743.8	1838.8	1748.8	1843.8		
1739.0	1834.0	1744.0	1839.0	1749.0	1844.0		
1739.2	1834.2	1744.2	1839.2	1749.2	1844.2		
1739.4	1834.4	1744.4	1839.4	1749.4	1844.4		
1739.6	1834.6	1744.6	1839.6	1749.6	1844.6		
1739.8	1834.8	1744.8	1839.8	1749.8	1844.8		
1740.0	1835.0	1745.0	1840.0	1750.0	1845.0		
1740.2	1835.2	1745.2	1840.2	1750.2	1845.2		
1740.4	1835.4	1745.4	1840.4	1750.4	1845.4		
1740.6	1835.6	1745.6	1840.6	1750.6	1845.6		
1740.8	1835.8	1745.8	1840.8	1750.8	1845.8		
1741.0	1836.0	1746.0	1841.0	1751.0	1846.0		
1741.2	1836.2	1746.2	1841.2	1751.2	1846.2		
1741.4	1836.4	1746.4	1841.4	1751.4	1846.4		
1741.6	1836.6	1746.6	1841.6	1751.6	1846.6		
25		25		25		6	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5



**1800 MHz Band -Rajasthan**

Details of carriers in the block size of 200 KHz (in MHz)					
A		B		C	
Uplink	Downlink	Uplink	Downlink	Uplink	Downlink
1732.8	1827.8	1744.0	1839.0	1752.2	1847.2
1733.0	1828.0	1744.2	1839.2	1752.4	1847.4
1733.2	1828.2	1744.4	1839.4	1752.6	1847.6
1733.4	1828.4	1744.6	1839.6	1752.8	1847.8
1733.6	1828.6	1744.8	1839.8	1753.0	1848.0
1733.8	1828.8	1745.0	1840.0	1753.2	1848.2
1734.0	1829.0	1745.2	1840.2	1753.4	1848.4
1734.2	1829.2	1745.4	1840.4	1753.6	1848.6
1734.4	1829.4	1745.6	1840.6	1753.8	1848.8
1734.6	1829.6	1745.8	1840.8	1754.0	1849.0
1734.8	1829.8	1746.0	1841.0		
1735.0	1830.0	1746.2	1841.2		
1735.2	1830.2	1746.4	1841.4		
1735.4	1830.4	1746.6	1841.6		
1735.6	1830.6	1746.8	1841.8		
1735.8	1830.8	1747.0	1842.0		
1736.0	1831.0	1747.2	1842.2		
		1747.4	1842.4		
		1747.6	1842.6		
		1747.8	1842.8		
		1748.0	1843.0		
		1748.2	1843.2		
		1748.4	1843.4		
		1748.6	1843.6		
		1748.8	1843.8		
17		25		10	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5

Block A, B & C: Entire Service Area except Bikaner, Barmer, Bharatpur, Dausa, Ganganagar, Hanumangarh, Jodhpur, Jaipur, Jaisalmer, Jalore and Sirohi

Block C: Available in April 2016

**1800 MHz Band -Tamil Nadu**

Details of carriers in the block size of 200 KHz (in MHz)									
A		B		C		D		E	
Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	Uplink	Downlink
1725.6	1820.6	1743.6	1838.6	1748.8	1843.8	1751.8	1846.8	1757.0	1852.0
1725.8	1820.8	1743.8	1838.8	1749.0	1844.0	1752.0	1847.0	1757.2	1852.2
1726.0	1821.0	1744.0	1839.0			1752.2	1847.2	1757.4	1852.4
1726.2	1821.2	1744.2	1839.2			1752.4	1847.4	1757.6	1852.6
1726.4	1821.4	1744.4	1839.4			1752.6	1847.6	1757.8	1852.8
1726.6	1821.6	1744.6	1839.6			1752.8	1847.8	1758.0	1853.0
1726.8	1821.8	1744.8	1839.8			1753.0	1848.0	1758.2	1853.2
1727.0	1822.0	1745.0	1840.0			1753.2	1848.2	1758.4	1853.4
1727.2	1822.2	1745.2	1840.2			1753.4	1848.4	1758.6	1853.6
1727.4	1822.4	1745.4	1840.4			1753.6	1848.6	1758.8	1853.8
1727.6	1822.6	1745.6	1840.6			1753.8	1848.8	1759.0	1854.0
1727.8	1822.8	1745.8	1840.8			1754.0	1849.0	1759.2	1854.2
1728.0	1823.0	1746.0	1841.0			1754.2	1849.2	1759.4	1854.4
1728.2	1823.2	1746.2	1841.2			1754.4	1849.4	1759.6	1854.6
1728.4	1823.4	1746.4	1841.4			1754.6	1849.6	1759.8	1854.8
1728.6	1823.6	1746.6	1841.6			1754.8	1849.8	1760.0	1855.0
1728.8	1823.8	1746.8	1841.8			1755.0	1850.0	1760.2	1855.2
1729.0	1824.0	1747.0	1842.0			1755.2	1850.2	1760.4	1855.4
1729.2	1824.2	1747.2	1842.2			1755.4	1850.4	1760.6	1855.6
1729.4	1824.4	1747.4	1842.4			1755.6	1850.6	1760.8	1855.8
1729.6	1824.6	1747.6	1842.6			1755.8	1850.8	1761.0	1856.0
1729.8	1824.8	1747.8	1842.8			1756.0	1851.0		
		1748.0	1843.0			1756.2	1851.2		
		1748.2	1843.2			1756.4	1851.4		
		1748.4	1843.4			1756.6	1851.6		
22		25		2		25		21	

Each carrier is associated with 200 KHz bandwidth (100 KHz on both Sides) i.e. Carrier 1724.4 MHz is 1724.3-to-1724.5



