# XSLT: Get RAT and Band

## XML source

<source>

<Test>

<Name>**ESC**</Name>

<ExtendedName>**ESC\_LTE\_B1**</ExtendedName>

<NodeName>**ESC\_LTE\_B1**</NodeName>

<DataSetCollection>

<Name>**Run Info**</Name>

<DataSet id=**"10172"** ts=**"116152"** dur=**"3869"**>

<Inputs>

<DI>

<N>**Technology**</N>

<V>**LTE**</V>

</DI>

<DI>

<N>**Band**</N>

<V>**1**</V>

</DI>

</Inputs>

</DataSet>

</DataSetCollection>

</Test>

</source>

## XSL 01: original

<xsl:template name=**"getBandInfo"**>

<xsl:if test=**"./Name[text() = 'Run Info']"**>

<xsl:for-each select=**"./DataSet/Inputs/DI/N[text() = 'Technology']"**>

<xsl:value-of select=**"../V"**/>

</xsl:for-each>

<xsl:text>**\_B**</xsl:text>

<xsl:for-each select=**"./DataSet/Inputs/DI/N[text() = 'Band']"**>

<xsl:value-of select=**"../V"**/>

</xsl:for-each>

</xsl:if>

</xsl:template>

## XSL 02: for LTE\_B28/B

**Template "getBandInfo"**

Variable "bandNr" is used to put B in place if necessary

**Template "getExtendedBandName"**

<root>

<xsl:template name=**"getBandInfo"**>

<xsl:if test=**"./Name[text() = 'Run Info']"**>

<xsl:value-of select=**"./DataSet/Inputs/DI/N[text() = 'Technology']/../V/text()"**/>

<xsl:variable name=**"bandNr"**>

<xsl:value-of select=**"./DataSet/Inputs/DI/N[text() = 'Band']/../V/text()"**/>

</xsl:variable>

<xsl:choose>

<xsl:when test=**"starts-with($bandNr, 'B')"**>

<xsl:value-of select=**"concat('\_', $bandNr)"**/>

</xsl:when>

<xsl:otherwise>

<xsl:value-of select=**"concat('\_B', $bandNr)"**/>

</xsl:otherwise>

</xsl:choose>

</xsl:if>

</xsl:template>

<xsl:template name=**"getExtendedBandName"**>

<xsl:param name=**"bandName"**/>

<xsl:param name=**"ulch"**/>

<xsl:choose>

<xsl:when test=**"$bandName = 'LTE\_B28'"**>

<xsl:choose>

<xsl:when test=**"$ulch &lt;= 27420"**>

<xsl:value-of select=**"'LTE\_B28A'"**/>

</xsl:when>

<xsl:otherwise>

<xsl:value-of select=**"'LTE\_B28B'"**/>

</xsl:otherwise>

</xsl:choose>

</xsl:when>

<xsl:otherwise>

<xsl:value-of select=**"$bandName"**/>

</xsl:otherwise>

</xsl:choose>

</xsl:template>

</root>