

## APPENDIX

Please find below Axiata response to relevant Agenda Item as per the Public Consultation paper:

No.	Agenda Item	Proposed Malaysia (MLA) Views and Positions
Working Party 2: Broadband Applications in the Mobile Service		
5.	1.13	<p>Axiata supports Malaysia view for the identification of the terrestrial component of IMT in the following frequency bands:</p> <ul style="list-style-type: none"> <li>• 24.25 to 27.5 GHz;</li> <li>• 37 to 40.5 GHz;</li> <li>• 40.5 to 42.5 GHz;</li> <li>• 42.5 to 43.5 GHz;</li> <li>• 47.2 to 50.2 GHz;</li> <li>• 50.4 to 52.6 GHz; and</li> <li>• 66 to 71 GHz</li> </ul> <p>We are further supportive of following methods for respective bands above:</p> <p><b>24.25 - 27.5 GHz : Method A2 Alternative 2</b> Identifying this frequency band for the terrestrial component of IMT in Regions or globally.</p> <p>The 26 GHz band is adjacent to the 28 GHz band, allowing for a broad frequency range, economies of scale and early equipment availability. Furthermore, 28GHz has commercially being used for 5G in the US and South Korea whilst there are considerable number of other countries committed to making 28GHz available for IMT. 28GHz is also being considered as one of the primary bands for 5G under the Malaysia 5G Task Force.</p> <p><b>37-40.5GHz , 40.5-42.5GHz and 42.5-43.5 GHz Method C2, D2 and E2 (Alternative 2)</b> Identifying these frequency band for the terrestrial component of IMT in Regions or globally.</p> <p>Identifying the whole range from 37- 43.5GHz for IMT allowing for broad frequency range. The wide range provide flexibility to countries to implement part of this range, at same time allowing for global harmonization and lowering equipment and device cost.</p> <p><b>47.2-50.2 GHz Method H2 Alternative 2</b> Identify the 47.2-50.2 GHz frequency band for the terrestrial component of IMT in Regions or globally.</p>

No.	Agenda Item	Proposed Malaysia (MLA) Views and Positions
		<p><b>50.4-52.6 GHz Method I2 Alternative 2</b> Identify the 50.4-52.6 GHz frequency band for the terrestrial component of IMT in Regions or globally</p> <p><b>66-71 GHz Method J2 Alternative 2</b> Identify the frequency band 66-71 GHz for the terrestrial component of IMT in Regions or globally. Remove the frequency band 66-71 GHz from RR No. 5.553.</p>
6	1.16	<p>Axiata supports Malaysia view on the following issues</p> <ul style="list-style-type: none"> <li>• Revision of 5150 -5250MHz Resolution 229 (Rev.WRC-12) to enable outdoor Wireless Access Systems /Radio LAN operations with associated conditions to protect the incumbent services</li> <li>• Supports regional primary mobile service allocation in 5725-2850MHz to accommodate Wireless Access Systems /Radio LAN</li> </ul>
9	9.1 (Issues 9.1.8)	<p>Axiata supports Malaysia view that no regulatory action is required in the Radio regulations to identify dedicated spectrum for the use of narrowband and broadband Machine Type Communication. These services could be deployed in frequency bands already allocated to Mobile Service, or already identified for IMT use.</p>
<p><b>Working Party 6: General Issues</b></p>		
31.	10	<p>It is increasingly difficult to find frequency bands that are available for mobile/IMT use on a global basis. Hence, it may be necessary to identify frequency bands/ranges from within which different portions may be used in different countries/regions according to their situations and needs.</p> <p>Additional spectrum between 3 and 24 GHz will be required for IMT to provide additional capacity for future 5G expansion and widespread provision of innovative 5G services with better propagation characteristics than above 24 GHz. The long and tedious process of the ITU-R warrants the need to address the future IMT spectrum needs now. It is therefore proposed to consider a new agenda item for WRC-23 to study spectrum below 24 GHz for IMT.</p> <p>Based on the current progress of the 5G Task Force Group (Task Force), other than 28GHz, 3.3 - 3.8GHz is also being considered as a primary band for IMT in Malaysia. Furthermore, Task Force is likely to recommend this band for 5G spectrum in Malaysia. Apart than the ongoing study on coexistence between Fixed Satellite Services (FSS) and IMT to manage the potential domestic interference issues, it is also crucial to ensure regional harmonisation on this band as these band is heavily being used for FSS throughout the region. Hence, there may be a need to review spectrum for IMT in the range 3.3/3.4 - 3.8 GHz particularly in Region 3</p>

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		<p>Axiata wishes to propose for Malaysia to consider proposing if not supporting the following new Agenda Item for WRC-23 that are currently being discussed:</p> <ol style="list-style-type: none"> <li>1. to consider and study the 6/7 GHz as potential spectrum band for IMT use in the future</li> <li>2. to consider identification of frequency bands within the range 3300 - 3800 MHz for IMT</li> </ol>