Radiocommunication Study Groups

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SPECTRUM ASPECTS

GSM Association

UPDATED CONSIDERATION OF SPECTRUM REQUIREMENTS UNDER AGENDA ITEM 1.1

1 Introduction

GSMA made a contribution to the previous meeting of WP 5D on spectrum requirements for IMT. This was based on a model developed for the GSMA. This paper includes an update on that initial analysis.

2 Discussion

The GSMA has commissioned *Coleago* to undertake some initial spectrum requirement estimates for IMT to the year 2020. An updated report on this work from *Coleago* is attached, which still indicates that a total spectrum required for IMT of 1 600 to 1 800 MHz for the year 2020.

The approach used in the report is meant to be complimentary to the existing methodology and to assist in benchmarking.

3 Proposal

That this estimate be taken into consideration in the process of WP 5D arriving at a spectrum requirement for IMT to be supplied to JTG 4-5-6-7.

Reference: Electronic copy of Coleago report on spectrum demand model results