**RADIO FREQUENCY INTERFERENCE (RFI) SCANNING REQUEST**

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| SECTION I: REQUESTOR INFORMATION | | | |
| Name |  | | |
| Company |  | | |
| Phone number |  | Email |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SECTION II: INTERFERED RECEIVER INFORMATION | | | | | | | |
| Receive Frequency |  | | | | | MHz | |
| Modulation | WCDMA |  | Bandwidth | 5 MHz |  | | |
| RFI Impacts |  | | | | | | |
| RFI Occurrence Trend | Periodic - please provide detail in Appendix 1 | | | | | | |
| Site Name & Location |  | | | | | |  |
|  | | N |  | | | E |
| Apparatus Assignment No. |  | | | | | | |

(Note: Please fill the worst interfered site and list out adjacent interfered sites in Appendix 1)

|  |  |  |  |
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| SECTION IV: CONTACT SUPPORT | | | |
| Name |  | | |
| Phone number |  | Email |  |

(Note: Please furnish contact support for real-time RFI update, cell block request and site access)

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| SECTION IV: FOR MCMC USE ONLY | | | | |
| Received Date |  | | | |
| RFI Category |  | Harmful |  | Complete submission |
|  | Major |  | Incomplete submission |
|  | Minor |  |  |

**APPENDIX 1**

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| ADJACENT INTERFERED SITES | | | |
| Site Name | Latitude (N) | Longitude (E) | Apparatus Assignment No |
|  |  |  |  |
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| 2ND INTERFERED RECEIVER (FOR MICROWAVE LINK) | | | | | | | |
| Receive Frequency |  | | | | | MHz | |
| Modulation | 256QAM |  | Bandwidth | 28 MHz |  | | |
| Site Name & Location |  | | | | | |  |
|  | | N |  | | | E |
| Apparatus Assignment No. |  | | | | | | |

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| SITE CONFIGURATION | | | | | |
| Site Name | Structure Type | AZ (⁰) | EL (⁰) | Coverage / Link path (m) | RRU ID / POL (V/H) |
|  | Normal rooftop |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Normal rooftop |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Normal rooftop |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Normal rooftop |  |  |  |  |
|  |  |  |  |
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| RFI OCCURANCE TREND |
|  |
| Note: Please insert interference statistic graph for all interfered sites starting from first interference occurance. |

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| MAP OF SUSPECTED INTERFERING AREA |
|  |
| Note: Please insert map of all interfered sites including azimuth of every sector and suspected interfering area. |

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| SPECTRUM PLOT FROM THE WORST INTERFERED ANTENNA |
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| Note: RRU scanning result could be used instead of spectrum plot. Mute test results for microwave link. |

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| INTERNAL PROBLEM CHECKLIST | | |
| No | Checklist |  |
| 1 | Antenna check / VSWR test |  |
| 2 | Jumper cable and connectors test / PIM test |  |
| 3 | Receiver or RRU test, reset or swap |  |

(Note: Please complete the checklist when only 1 site is interfered or interference started at different time for all interfered sites)