**MINUTE OF MEETING HELD ON MONDAY, 9TH MAY 2022 VIA MICROSOFT TEAMS BETWEEN NCA AND MTN GHANA ON QUARTER1 QOS FIELD MONITORING DRIVE TEST RESULT**

**ATTENDANCE**

**NCA**

Mr. Kofi Paul Datsa **Chairperson**

Mr. Isaac Boateng

Mr. Nii Ayitey Komey

MR. Nana Akosah Sarpong

Mr. Isaac Annan Laryea

Mr. Paul Amoako

Mr. Ezer Osei Yeboah-Boateng

Mr. Nana Akosah Sarpong

Mr. Michael Asiedu Offei

Mr. George K Abrokwah

Mr. Franzel Atta Opoku

Mr. Raymond Tuffuor

Mr. Clive E. Barton-Odro

Mr. William Mensah

**MTN GHANA**

Mr. Samuel Bartels

Mrs. Yvonne Nyanu

Mrs. Angel Adu Ampofo

Mr. Nash Odoi

Mr. Kwame Asante

Mr. Victor Dodoo

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| **Item No** | **DETAIL** |  | **ACTION BY** |
| **1.0**  **1.1** | **AGENDA**  RECONCILATION MEETING OF 2022 Q1 FIELD MONITORING DRIVE TEST RESULTS  **OPENING**  The meeting commenced at 4:09 pm with an opening remark from the Chairperson. Mr. Paul Kofi Datsa the Chairperson, in his opening remarks thanked all attendees for honouring the Authority’s invitation.  He further called on Mr. Nii Ayitey Komey of NCA to introduce its members present in the meeting. Mr. Nii did the needful and passed the baton to Mrs. Angela Adu to put names to faces of her team.  Mr. Datsa stated the purpose of the meeting. He then called on Mr Franzel Atta Opoku to lead the presentation of the day. |  |  |
| **2.0**  **2.1**  **2.2**  **3.0**  **4.0** | **PRESENTATION OF QOS Q1 FIELD MONNITROING RESULTS**  Mr. Franzel Atta Opoku took the meeting through the Q1 field monitoring drive test results presentation. He Mentioned 2 key Agendas (outline of presentation) which is as follows:   * INTRODUCTION * FINDINGS * AOB   **INTRODUCTION**  Mr. Franzel stated the drive test was conducted from 10th March- 11th April 2022. Seven regions was involved in the drive test. (Ashanti, Central ,Eastern, greater Accra, North East, Northern and Savannah ). This led to a total of 54 district capitals. All the above were statement made by Mr Franzel.  **FINDINGS**  Mr Franzel stated the results in district compliance as following KPIs:   1. 3G Data Throughput: MTN passed all 54 district capitals. 2. 3G Coverage: MTN passed all 54 district capitals. 3. CST: MTN passed all 54 district capitals. 4. MOS: MTN passed 53 of 54 district capitals. 5. 4G Data Throughput: MTN passed 35 of 54 district capitals. 6. 4G Data Service Access Time: MTN passed 45 of 54 district capitals. 7. 4G Latency: MTN passed 39 of 54 district capitals. 8. 4G Coverage: MTN passed 41 of 54 district capitals.  * MTN passed its Licence Obligation for 3G Coverage, CST and 3G Data Throughput in all 54 district capitals tested. * MTN failed its Licence obligation for MOS in Tepa. * MTN failed its Licence obligation for 4G Data Throughput in Tepa, Tutuka, Abokobi, Amasaman, Madina, Sowutuom, Tema, Wulensi and Sawla. * MTN failed its Licence obligation for 4G Data Service Access Time in Saboba. * MTN failed its Licence obligation for 4G Latency in Mampong, Nkawie,Nsuta, Tepa, Dunkwa-On-Offin, Wulensi and Sawla. * MTN failed its Licence obligation for 4G Coverage in Akrofuom, Awutu,Breku, Asesewa, Kwabeng, Odumase, Kpandai and Wulensi.   He Also stated in district capitals where MTN failed 4G Data Throughput, there were some test locations where MTN's 3G performance was far better than4G.  An example is the Tema Municipal Assembly data test location in Tema.  **DISCUSSIONS**  The Chairperson thanked Mr. Franzel for the presentation and asked the participants to voice out their questions and comments.  Yvonne Nyanu from Mtn gave a summary on failed districts by mtn summing up to 3 conclusions. The conclusions are below;   1. Device suspected to be locked to L2600;but site had L800. Regions affected by it were Asesewa, Akrofuom, Awutu Breku , Kwabeng , Odumase krobo. 2. No 4G site in district capital (Kpandai, Wulensi , Sawla) 3. Passed when log files were used but failed when NCA excel was used.   Mr. Victor Dodoo stated the areas there was no coverage but spill overs were already shared with NCA when 2022 Operational plan was been made. Mr Victor claimed that additional spectrum would be needed to solve the challenge at Tema. He also talked about the Devices that were locked to the 2 frequency bands and that they need to be investigated.  Mr. Nii commented that MTN still need to work on their 4G. He said Victor should be specific when he talked about the throughput. He stated the drives did not have the deviced loked to a specific frequency band but it picks up all bands available. Therefore, the MTN team should do their investigations accurately. He further went on stating the difference in results from both parties was unpractical and NCA and MTN will sit after the meeting to know the exact reason for that.  Mr. Isaac Boateng chipped in that Abokobi had had issues with call throughput and data stability for over 2 years and dedicating more spectrum as Mr victor said won’t solve any of it. He then inquired if MTN had any plans of resolving those KPIs in Abokobi District.  Mr. Victor Dodoo said throughput and coverage numbers had some distortion. He also stated MTN tried deploying aditional sites but the town simply rejected them. Mr Maxwell Chipped and gave an example were by towers in Tema Community 25 were deployed but dismantled due to surrounding neighbours not wanting it. Mr Isaac Boateng confirmed he helped survey a place where the town agreed for a site to be deployed but MTN never followed up to start the project. Mr Victor pressed on saying that, time is a challenge and once a planned is made, MTN always completes the project. Mr Samuel Bartels stated a meeting should be held to work on situations such as Mr. Boateng’s District Abokobi.  Mr. Maxwell Dei Ofei reprimanded Mr Boateng’s concerns of MTN not following up on the issue at Abokobi. He concluded with an example of a town that got a site deployed after 5 years of resistance and court cases. He stated if there’s no such issues deployment if the site Abokobi would be faster.  Mrs. Golda Adjei commented that tower audit showed MTN tower s was managed by MTN and others, but recently MTN claimed they did not own any of the towers. She continued saying a request was made to MTN to provide the towers they owned. She concluded MTN had turned deaf ears to their request. Mr Samuel Bartels addressed her issue claiming that a letter had been dispatched last week from MTN to NCA.  Mr Kofi Paul Datsa the chairman suggested that it might be the way the tower companies secure sites resulting in resistance by the town people. He claimed that the neighbourhood consultation is not done well by the tower companies. He also stated that poor service between Achimota to first fuelling station to the new station extending to the highway and onto the Achimota Interchange. He stated that the MTN team to look that up even though it’s not a district capital but its highly populated.  Mr. Isaac Boateng addressed Mr. Bartel’s idea on stakeholder’s meeting was a good one and that public consultation on such sites and towers is in the pipeline and there’s a forum in place for such including EPA and all companies involved in radiation.  Mr. Maxwell Dei Ofei stated that the regulatory requirement of towers not sited 20metres to an existing building is becoming impossible and he pleas if it could be looked at. Mr Datsa claimed even if the requirement is waived and their tower team don’t consult the town well enough, there will still be those issues. He stated there are times they are called to the field and its due to the fact the MTN tower team ddnt consult the neighbors well enough.  **CONCLUSION**  The meeting ended at 2:24 pm  Chairperson: Mr. Kofi Paul Datsa ----------------------------  Recorder: Mr. Nana Akosah Sarpong ----------------------------- |  |  |
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