

3GPP TSG RAN WG1 Meeting #86bis
Lisbon, Portugal, 10th - 14th October 2016
Agenda item: 7.2.2

R1-1610425

Rapporteur Work Plan on eFD- MIMO

Samsung, Nokia, CATT

Background

- RAN1#86: Good overall progress
 - Most areas are either on or slightly exceeding completion target
 - One area is slightly behind completion target
 - Two areas are behind completion target
- Goal for RAN1#86bis:
 - Maintain good overall progress
 - Catch up on areas behind completion target

Rapporteur work plan: post-RAN1#86 assessment

Slightly behind completion target

Item	Completion			
	RAN1#86 Aug 2016 (3 TUs)	RAN1#86bis Oct 2016 (4 TUs)	RAN1#87 Nov 2016 (4 TUs)	RAN1#88 Feb 2017 (4 TUs)
NP CSI-RS	40% (Mk esp for {24, 32}, need for overhead reduction)	70% (details on Mk + overhead reduction scheme)	90-95%	Left over + RAN2
BF CSI-RS	90-95%	Left over includes details on resource parameters to be signaled via RRC, rate matching, possible FD density reduction + RAN2		
UL DMRS [smaller spec impact]	50% (select one scheme)	90-95%	Left over (remaining details) + RAN2	
Class A CB extension	30% (down select configurations (N1,N2), (Q1,Q2))	60% (select extension scheme, can consider Adv-CSI codebook scheme)	90-95%	Left over + RAN2
Hybrid CSI	90-95%	Left over includes details on PUCCH formats for hybrid & A-CSI details		
Advanced CSI+IM	25-30% (select scheme for Adv-CSI, select scheme for Adv-IM if needed)	50-60% (further details on Adv-CSI & Adv-IM if needed)	90-95%	Left over + RAN2
Semi-OL	30-40% (select CSI parameters, narrow down Tx schemes)	60-70% (choose Tx scheme, finalize CSI feedback, candidates for DMRS enhancement)	90-95%	Left over + RAN2

Behind completion target