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|-----------------------------------|
| Combiners -Path 1 / TMAs - Band 1 |
| Combiners -Path 2 / TMAs - Band 2 |
| Combiners -Path 3 / TMAs - Band 3 |
| Combiners -Path 4 / TMAs - Band 4 |
| Combiners -Path 5 / TMAs - Band 5 |

|                             |
|-----------------------------|
| Concept                     |
| Development                 |
| Verification and validation |
| General availability        |

| Description                                                                          | 700 | 800 | 850 | 900 | 1800 | 2100 | 2300 | 2600 | Typecode | Comment                                                                            | Q1 '14 | Q2 '14 | Q3 '14 |  |
|--------------------------------------------------------------------------------------|-----|-----|-----|-----|------|------|------|------|----------|------------------------------------------------------------------------------------|--------|--------|--------|--|
| <b>X-Band Combiners</b>                                                              |     |     |     |     |      |      |      |      |          |                                                                                    |        |        |        |  |
| 698 – 960MHz / 1710 – 2690MHz                                                        |     |     |     |     |      |      |      |      | RD0377   | Hi/lo combiner                                                                     |        |        |        |  |
| <b>Auto Bypass X-Band Combiners</b>                                                  |     |     |     |     |      |      |      |      |          |                                                                                    |        |        |        |  |
| 698 – 960MHz / 1710 – 2690MHz                                                        |     |     |     |     |      |      |      |      | RD0552   | DC Auto Bypass version of RD0377                                                   |        |        |        |  |
| 790 – 862MHz / 880 – 960MHz                                                          |     |     |     |     |      |      |      |      | RD0553   | DC Auto Bypass version of RD0345                                                   |        |        |        |  |
| 1710 – 1880MHz / 1920 – 2170MHz                                                      |     |     |     |     |      |      |      |      | RD0556   | DC Auto Bypass version of RD0526                                                   |        |        |        |  |
| 698 – 960 & 1710 – 1880MHz / 1920 – 2170MHz                                          |     |     |     |     |      |      |      |      | RD0557   | DC Auto Bypass version of RD0381                                                   |        |        |        |  |
| 698 – 960 & 1710 – 1880MHz / 1920 – 2170 & 2500 – 2690MHz                            |     |     |     |     |      |      |      |      | RD0558   | DC Auto Bypass version of RD0481                                                   |        |        |        |  |
| 698 – 2170MHz / 2500 – 2690MHz                                                       |     |     |     |     |      |      |      |      | RD0576   | DC Auto Bypass version of RD0384                                                   |        |        |        |  |
| 790 – 862MHz / 880 – 960MHz / 1710 – 2690MHz                                         |     |     |     |     |      |      |      |      | RD0555   | DC Auto Bypass version of RD0490                                                   |        |        |        |  |
| 698 – 960MHz / 1710 – 1880MHz / 1920 – 2170MHz                                       |     |     |     |     |      |      |      |      | RD0559   | DC Auto Bypass version of RD0253                                                   |        |        |        |  |
| 698 – 960MHz / 1710 – 1880MHz / 2500 – 2690MHz                                       |     |     |     |     |      |      |      |      | RD0560   | DC Auto Bypass version of RD0379                                                   |        |        |        |  |
| 698 – 960MHz / 1710 – 1880MHz / 1920 – 2170 & 2500 – 2690MHz                         |     |     |     |     |      |      |      |      | RD0561   | DC Auto Bypass version of RD0473                                                   |        |        |        |  |
| 698 – 960MHz / 1710 – 1800 & 1920 – 2170MHz / 2500 – 2690MHz                         |     |     |     |     |      |      |      |      | RD0562   | DC Auto Bypass version of RD0472                                                   |        |        |        |  |
| 698 – 960 & 1710 – 1880 MHz / 1920 – 2170MHz / 2500 – 2690MHz                        |     |     |     |     |      |      |      |      | RD0563   | DC Auto Bypass version of RD0382                                                   |        |        |        |  |
| 1710 – 1880MHz / 1920 – 2170MHz / 2500 – 2690MHz                                     |     |     |     |     |      |      |      |      | RD0564   | DC Auto Bypass version of RD0286                                                   |        |        |        |  |
| 698 – 960MHz / 1710 – 1880MHz / 1920 – 2170MHz / 2500 – 2690MHz                      |     |     |     |     |      |      |      |      | RD0565   | DC Auto Bypass version of RD0452                                                   |        |        |        |  |
| <b>Dual Band &amp; Bypassed TMAs</b>                                                 |     |     |     |     |      |      |      |      |          |                                                                                    |        |        |        |  |
| A = active path, B = bypass path                                                     |     |     |     |     |      |      |      |      |          |                                                                                    |        |        |        |  |
| TMA800/900 Dual Band, separate antenna port for 8 & 9                                |     | A   |     | A   |      |      |      |      | RD0543   | 800/900 full band MHA, separate antenna port for 8 & 9                             |        |        |        |  |
| TMA800/900 Dual Band with 1800 - 2600 passive split, common ANT port for 800 & 900   |     | A   |     | A   |      |      |      |      | RD0549   | 800/900 full band MHA with integrated hi-lo combiner, common ANT ports for 8 & 9   |        |        |        |  |
| TMA800/900 Dual Band with 1800 - 2600 passive split, separate ANT port for 800 & 900 |     | A   |     | A   |      |      |      |      | RD0550   | 800/900 full band MHA with integrated hi-lo combiner, separate ANT ports for 8 & 9 |        |        |        |  |
| TMA1800/2100 with 700-900 passive split, common ANT port for 18 & 21                 |     | B   |     | A   | A    |      |      |      | RD0516   | Dual band 18/21 MHA integrated hi-lo combiner, common ANT ports for 18 & 21        |        |        |        |  |
| TMA1800/2100 with 700-900 passive split, separate ANT port for 18 & 21               |     | B   |     | A   | A    |      |      |      | RD0517   | Dual band 18/21 MHA integrated hi-lo combiner, separate ANT ports for 18 & 21      |        |        |        |  |
| TMA1800/2600 with 700-900 passive split, common ANT ports for 18 & 26                |     | B   |     | A   |      |      |      | A    | RD0518   | Dual band 18/26 MHA integrated hi-lo combiner, common ANT ports for 18 & 26        |        |        |        |  |
| TMA1800/2600 with 700-900 passive split, separate ANT ports for 18 & 26              |     | B   |     | A   |      |      |      | A    | RD0519   | Dual band 18/26 MHA integrated hi-lo combiner, separate ANT ports for 18 & 26      |        |        |        |  |
| TMA2100/2600 with 700-900 passive split, common ANT ports for 21 & 26                |     | B   |     |     | A    |      |      | A    | RD0520   | Dual band 21/26 MHA integrated hi-lo combiner, common ANT ports for 21 & 26        |        |        |        |  |
| TMA2100/2600 with 700-900 passive split, separate ANT ports for 21 & 26              |     | B   |     |     | A    |      |      | A    | RD0521   | Dual band 21/26 MHA integrated hi-lo combiner, separate ANT ports for 21 & 26      |        |        |        |  |
| TMA1800/2600 common antenna port                                                     |     |     |     |     | A    |      |      | A    | RD0433   | World's smallest dual band 18/26 MHA - common ANT ports for 1800 & 2600            |        |        |        |  |
| TMA1800/2600 separate antenna port                                                   |     |     |     |     | A    |      |      | A    | RD0434   | World's smallest dual band 18/26 MHA - separate ANT ports for 1800 & 2600          |        |        |        |  |
| <b>Same Band Combiners</b>                                                           |     |     |     |     |      |      |      |      |          |                                                                                    |        |        |        |  |
| 800/800 Combiner, 5MHz Carrier Bandwidth                                             |     |     |     |     |      |      |      |      | RD0569   | Combines adjacent 5MHz 800 spectrum blocks                                         |        |        |        |  |
| 1800/1800 Combiner generic - India                                                   |     |     |     |     |      |      |      |      | RD0567   | Two way low loss 1800MHz combiner optimised for tower sharing market               |        |        |        |  |
| 1800/1800/2100 Combiner generic - India                                              |     |     |     |     |      |      |      |      | RD0542   | Low loss 1800/1800/2100MHz combiner optimised for tower sharing market             |        |        |        |  |