LOAS-based MTC-MRF schedules for dynamic scan numbers 40 and 10.

|                  | #40                        |                |            |                        | #10                        |                |        |        |
|------------------|----------------------------|----------------|------------|------------------------|----------------------------|----------------|--------|--------|
|                  | <i>Β</i> <sub>1</sub> (μΤ) | $\Omega$ (ppm) | Ts (s)     | Td (s)                 | <i>Β</i> <sub>1</sub> (μΤ) | $\Omega$ (ppm) | Ts (s) | Td (s) |
| 1                | 1.8                        | 50.0           | 2.0        | 4.5                    | 1.1                        | 9.1            | 1.5    | 4.5    |
| 2                | 1.2                        | 10.2           | 2.0        | 3.7                    | 1.9                        | 8.9            | 2.0    | 3.5    |
| 3                | 1.9                        | 23.6           | 1.5        | 4.4                    | 1.9                        | 50.0           | 2.0    | 4.5    |
| 4                | 1.9                        | 15.6           | 0.7        | 4.5                    | 0.9                        | 50.0           | 0.4    | 3.5    |
| 5                | 1.8                        | 11.3           | 0.4        | 4.3                    | 1.9                        | 11.5           | 0.5    | 4.5    |
| 6                | 1.3                        | 15.2           | 2.0        | 3.6                    | 1.1                        | 8.6            | 2.0    | 3.9    |
| 7                | 1.2                        | 8.9            | 1.9        | 3.7                    | 1.5                        | 20.7           | 2.0    | 3.5    |
| 8                | 1.9                        | 23.2           | 2.0        | 3.5                    | 1.9                        | 50.0           | 2.0    | 4.4    |
| 9                | 1.9                        | 28.4           | 2.0        | 3.5                    | 1.9                        | 50.0           | 1.7    | 4.5    |
| 10               | 0.9                        | 50.0           | 0.4        | 3.5                    | 0.9                        | 50.0           | 0.4    | 3.5    |
| 11               | 1.3                        | 28.6           | 2.0        | 3.5                    |                            |                |        |        |
| 12               | 1.4                        | 19.9           | 1.9        | 3.6                    |                            |                |        |        |
| 13               | 1.3                        | 11.9           | 8.0        | 4.5                    |                            |                |        |        |
| 14               | 1.2                        | 11.7           | 2.0        | 3.8                    |                            |                |        |        |
| 15               | 1.2                        | 9.7            | 2.0        | 3.5                    |                            |                |        |        |
| 16               | 1.1                        | 8.7            | 1.9        | 4.2                    |                            |                |        |        |
| 17               | 1.9                        | 9.0            | 1.9        | 3.7                    |                            |                |        |        |
| 18               | 0.9                        | 50.0           | 0.4        | 3.5                    |                            |                |        |        |
| 19               | 0.9                        | 49.9           | 0.4        | 3.5                    |                            |                |        |        |
| 20               | 1.5                        | 35.6           | 2.0        | 4.5                    |                            |                |        |        |
| 21               | 1.9                        | 50.0           | 1.9        | 4.5                    |                            |                |        |        |
| 22               | 1.9                        | 50.0           | 1.9        | 4.5                    |                            |                |        |        |
| 23               | 1.9                        | 10.1           | 0.9        | 4.2                    |                            |                |        |        |
| 24               | 1.9                        | 50.0           | 0.4        | 3.5                    |                            |                |        |        |
| 25               | 1.3                        | 10.1           | 0.5        | 3.5                    |                            |                |        |        |
| 26               | 1.1                        | 8.7            | 2.0        | 3.9                    |                            |                |        |        |
| 27               | 1.5                        | 35.1           | 1.9        | 4.4                    |                            |                |        |        |
| 28               | 1.2                        | 9.4            | 2.0        | 3.6                    |                            |                |        |        |
| 29               | 0.9                        | 49.8           | 0.4        | 3.8                    |                            |                |        |        |
| 30               | 1.9                        | 34.8<br>10.4   | 0.6        | 4.4                    |                            |                |        |        |
| 31               | 1.9<br>0.9                 |                | 0.4<br>0.4 | 4.5                    |                            |                |        |        |
| 32               |                            | 50.0           |            | 3.5                    |                            |                |        |        |
| 33               | 0.9<br>1.8                 | 50.0<br>18.9   | 0.4<br>0.7 | 4.0<br>4.5             |                            |                |        |        |
| 34<br>35         | 1.0                        | 8.1            | 2.0        | 4.5<br>3.6             |                            |                |        |        |
| 35<br>36         | 1.9                        | 24.2           | 2.0        | 3.5                    |                            |                |        |        |
| 36<br>37         | 1. <del>4</del><br>1.9     | 24.2<br>10.8   | 1.0        | 3.5<br>4.0             |                            |                |        |        |
| 3 <i>1</i><br>38 | 1.9                        | 9.6            | 1.0        | 4.0<br>4.4             |                            |                |        |        |
| 36<br>39         | 1.2                        | 50.0           | 2.0        | 4. <del>4</del><br>4.5 |                            |                |        |        |
|                  | 1.9                        | 50.0           | 2.0        | 4.3                    |                            |                |        |        |
| 40               | 1.9                        | 50.0           | ∠.∪        | 4.∠                    |                            |                |        |        |