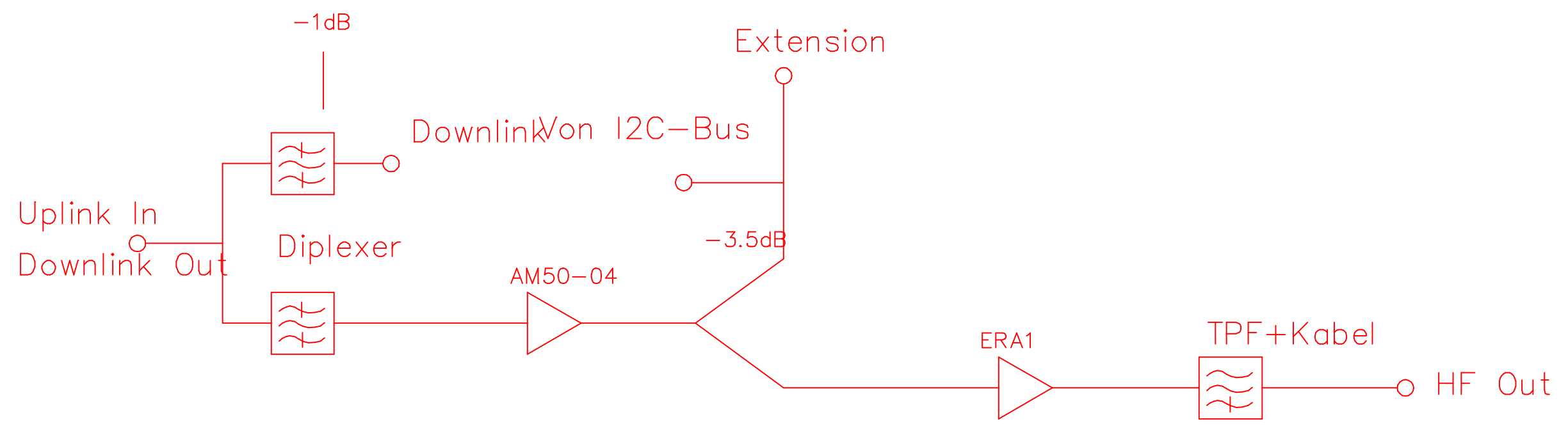


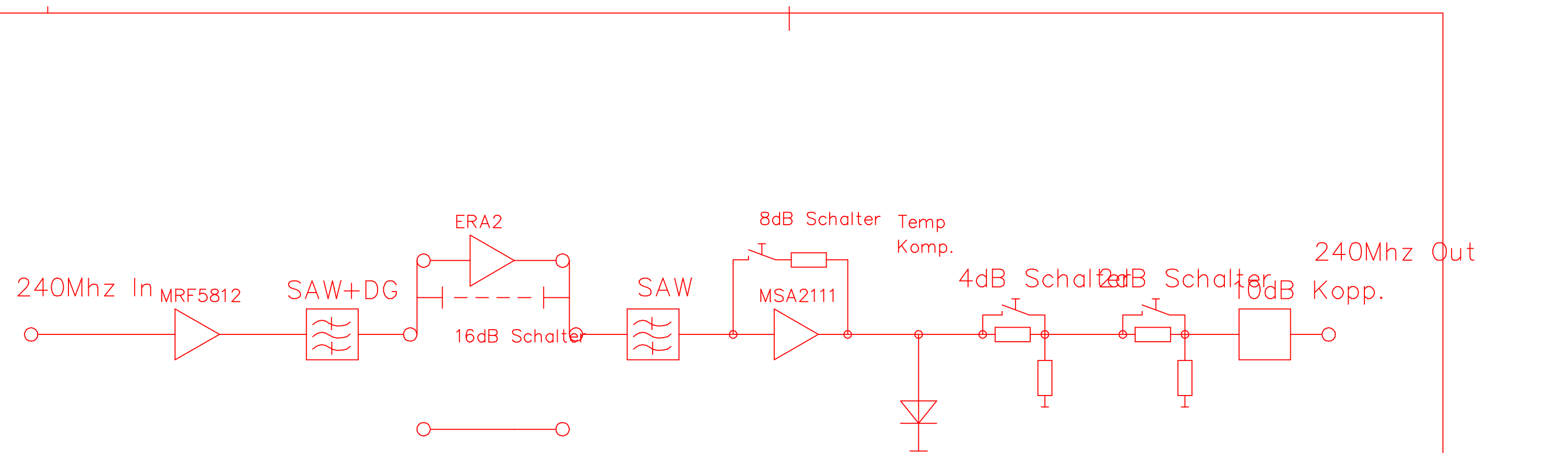


|            |          |         |          |          |        |          |
|------------|----------|---------|----------|----------|--------|----------|
|            | -1.5dB   | +14.5dB | -3.5dB   | +11dB    | -0.5dB | = 20dB   |
| Pin=-51dBm | -52.5dBm | -38dBm  | -41.5dBm | -30.5dBm |        | = -31dBm |
| Pin=-21dBm | -22.5dBm | -8dBm   | -11.5dBm | -0.5dBm  |        | = -1dBm  |
| Pin=-61dBm | -60.5dBm | -48dBm  | -51.5dBm | -40.5dBm |        | = -41dBm |
| Pin=-31dBm | -30.5dBm | -18dBm  | -21.5dBm | -10.5dBm |        | = -11dBm |

Values at 30 T case

|                 |  |          |  |                                                                                       |          |          |  |                                                                                                                                                                             |  |
|-----------------|--|----------|--|---------------------------------------------------------------------------------------|----------|----------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Mikom Teile Nr. |  |          |  | Toleranz                                                                              |          | Masstab: |  |   |  |
|                 |  |          |  | 1999                                                                                  | Datum    | Name     |  |                                                                                                                                                                             |  |
|                 |  |          |  | Gez.                                                                                  | 20.03.99 | Ld       |  |                                                                                                                                                                             |  |
|                 |  |          |  | Gepr.                                                                                 |          |          |  |                                                                                                                                                                             |  |
|                 |  |          |  | Norm                                                                                  |          |          |  |                                                                                                                                                                             |  |
|                 |  |          |  |                                                                                       |          |          |  |                                                                                                                                                                             |  |
|                 |  |          |  |  |          | GmbH     |  | Blatt                                                                                                                                                                       |  |
|                 |  |          |  | Industriering 10                                                                      |          |          |  | Bl.                                                                                                                                                                         |  |
| Zust.           |  | Änderung |  | Datum                                                                                 |          | Nam.     |  |                                                                                                                                                                             |  |
|                 |  |          |  |                                                                                       |          |          |  |                                                                                                                                                                             |  |

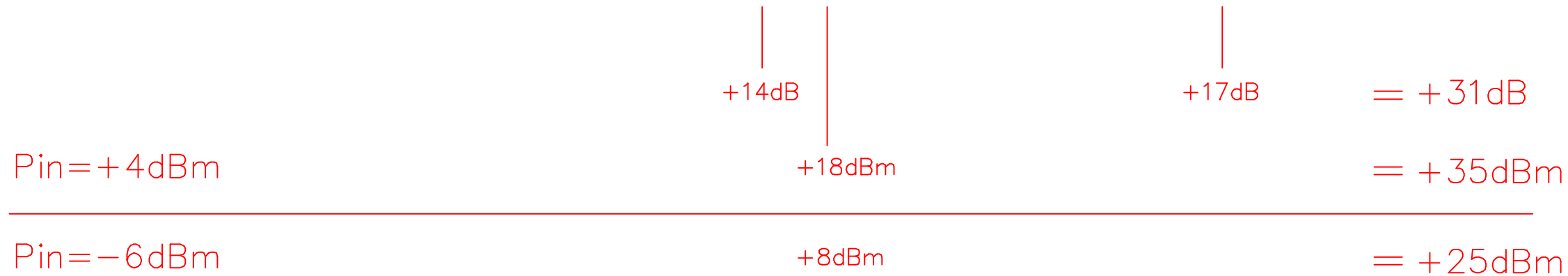
Flowchart MR801B CDMA  
Diplexer mit Verst.



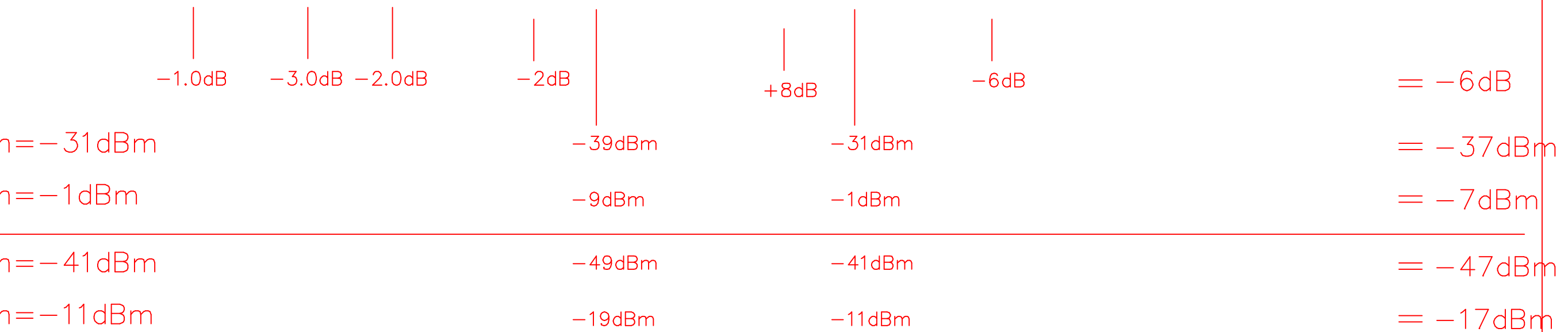
|              |        |        |       |        |        |        |      |      |      |      |          |
|--------------|--------|--------|-------|--------|--------|--------|------|------|------|------|----------|
| Linear Gain: | +18dB  | -15dB  | +16dB |        | -15dB  | +22dB  | -4dB | -1dB | -1dB | -1dB | = +19dB  |
|              |        |        | 0dB   |        |        | +14dB  | -5dB | -3dB |      |      | = -11dB  |
| Pin=-37dBm   | -19dBm | -34dBm |       | -18dBm | -33dBm | -11dBm |      |      |      |      | = -18dBm |
| Pin=-7dBm    | +11dBm | -4dBm  |       | -4dBm  | -19dBm | -5dBm  |      |      |      |      | = -18dBm |
| Pin=-47dBm   | -29Bm  | -44dBm |       | -28dBm | -40dBm | -21dBm |      |      |      |      | = -28dBm |
| Pin=-17dBm   | +1dBm  | -14dBm |       | -14dBm | -29dBm | -15dBm |      |      |      |      | = -28dBm |

Values at 30 T case

|                 |          |  |       |                                                                                            |          |                                             |  |         |   |
|-----------------|----------|--|-------|--------------------------------------------------------------------------------------------|----------|---------------------------------------------|--|---------|---|
| Mikom Teile Nr. |          |  |       | Toleranz                                                                                   |          | Masstab:                                    |  |         |   |
|                 |          |  |       |                                                                                            |          |                                             |  | ©       | ▷ |
|                 |          |  |       | 1999                                                                                       | Datum    | Flowchart MR801B CDMA schaltbarer ZF-Verst. |  |         |   |
|                 |          |  |       | Gez.                                                                                       | 20.03.99 |                                             |  |         |   |
|                 |          |  |       | Gepr.                                                                                      |          |                                             |  |         |   |
|                 |          |  |       | Norm                                                                                       |          |                                             |  |         |   |
|                 |          |  |       |  GmbH |          |                                             |  |         |   |
|                 |          |  |       |                                                                                            |          |                                             |  |         |   |
|                 |          |  |       | Industriering 10                                                                           |          |                                             |  |         |   |
|                 |          |  |       | 86675 Buchdorf                                                                             |          |                                             |  |         |   |
| Zust.           | Änderung |  | Datum | Nam.                                                                                       |          |                                             |  | Blatt 1 |   |

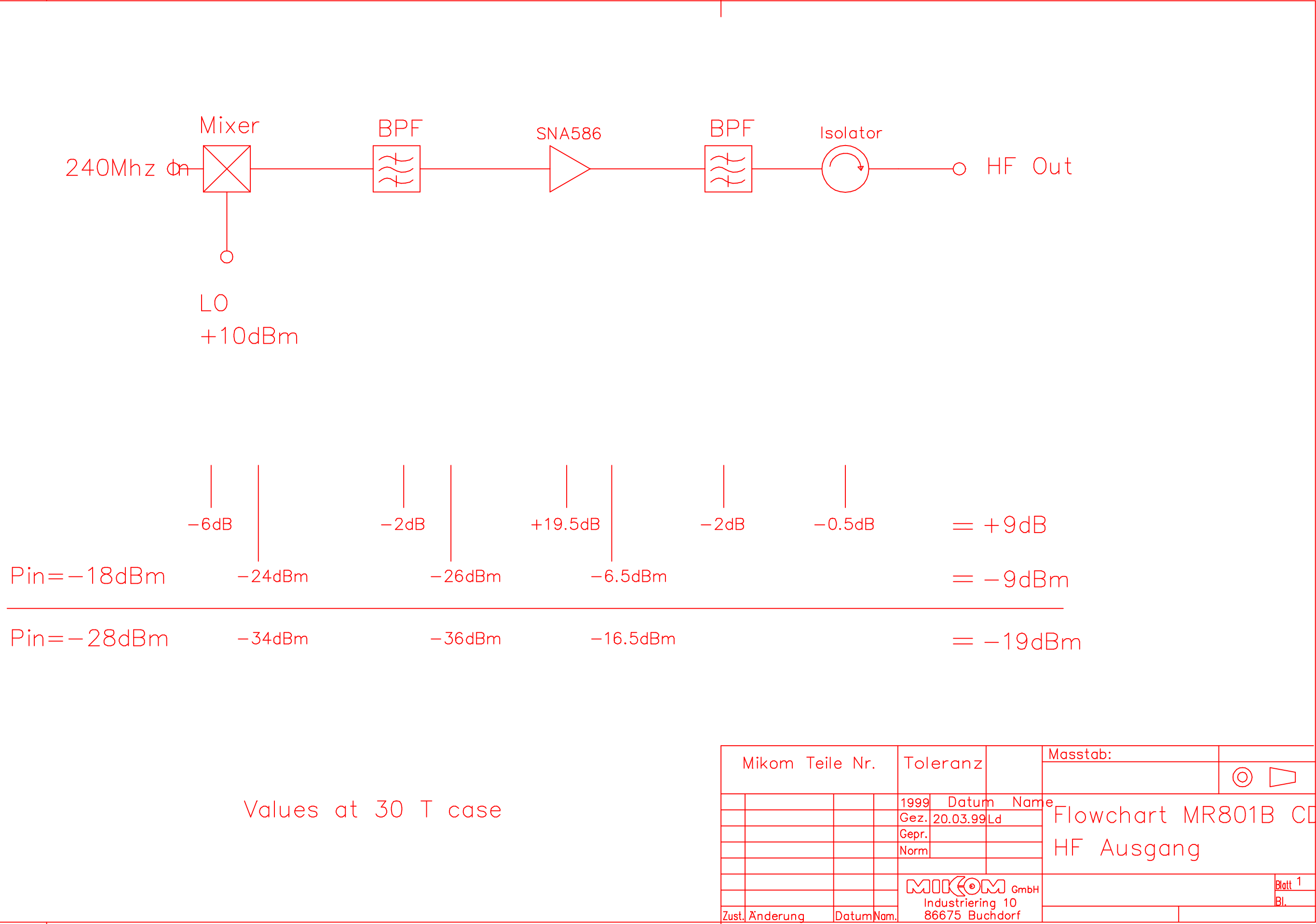


|                 |  |       |  |                                                                                            |          |                                     |                                |                                                                                       |  |  |
|-----------------|--|-------|--|--------------------------------------------------------------------------------------------|----------|-------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|--|--|
| Mikom Teile Nr. |  |       |  | Toleranz                                                                                   |          | Masstab:                            |                                |  |  |  |
|                 |  |       |  | 1999                                                                                       | Datum    | Name                                | Flowchart MR801B C<br>Mikom PA |                                                                                       |  |  |
|                 |  |       |  | Gez.                                                                                       | 20.03.99 | Ld                                  |                                |                                                                                       |  |  |
|                 |  |       |  | Gepr.                                                                                      |          |                                     |                                |                                                                                       |  |  |
|                 |  |       |  | Norm                                                                                       |          |                                     |                                |                                                                                       |  |  |
|                 |  |       |  |                                                                                            |          |                                     |                                |                                                                                       |  |  |
|                 |  |       |  |  GmbH |          |                                     | Blatt 1<br>Bl.                 |                                                                                       |  |  |
| Zust. Änderung  |  | Datum |  | Nam.                                                                                       |          | Industrialring 10<br>86675 Buchdorf |                                |                                                                                       |  |  |

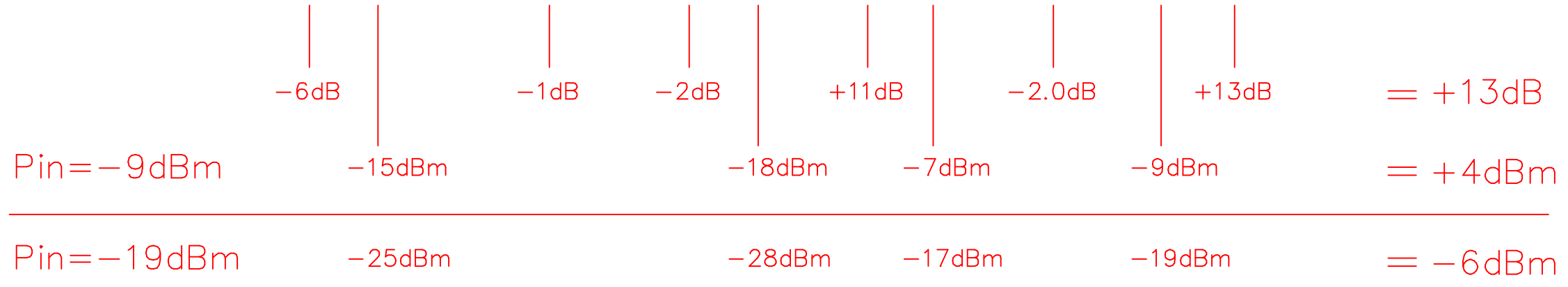
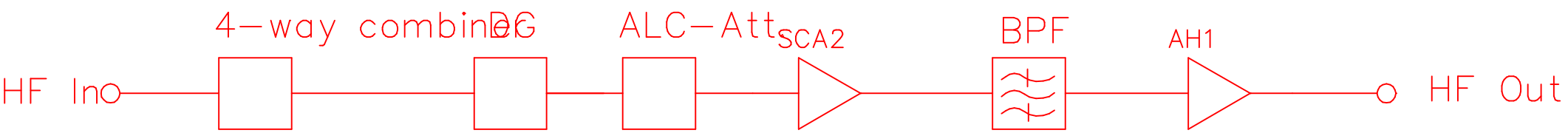


|                 |  |  |  |                   |          |                |                               |  |         |
|-----------------|--|--|--|-------------------|----------|----------------|-------------------------------|--|---------|
| Mikom Teile Nr. |  |  |  | Toleranz          |          | Masstab:       |                               |  |         |
|                 |  |  |  | 1999              | Datum    | Name           | Flowchart MR801B CD<br>HF-Ein |  |         |
|                 |  |  |  | Gez.              | 20.03.99 | Ld             |                               |  |         |
|                 |  |  |  | Gep.              |          |                |                               |  |         |
|                 |  |  |  | Norm              |          |                |                               |  |         |
|                 |  |  |  |                   |          |                |                               |  |         |
|                 |  |  |  |                   |          |                |                               |  |         |
|                 |  |  |  | <b>MIKOM</b> GmbH |          |                |                               |  | Blatt 1 |
|                 |  |  |  | Industriering 10  |          |                |                               |  | Bl.     |
| Zust. Änderun   |  |  |  | DatumNam.         |          | 86675 Buchdorf |                               |  |         |

Flowchart MR801B CDMA  
HF-Ein



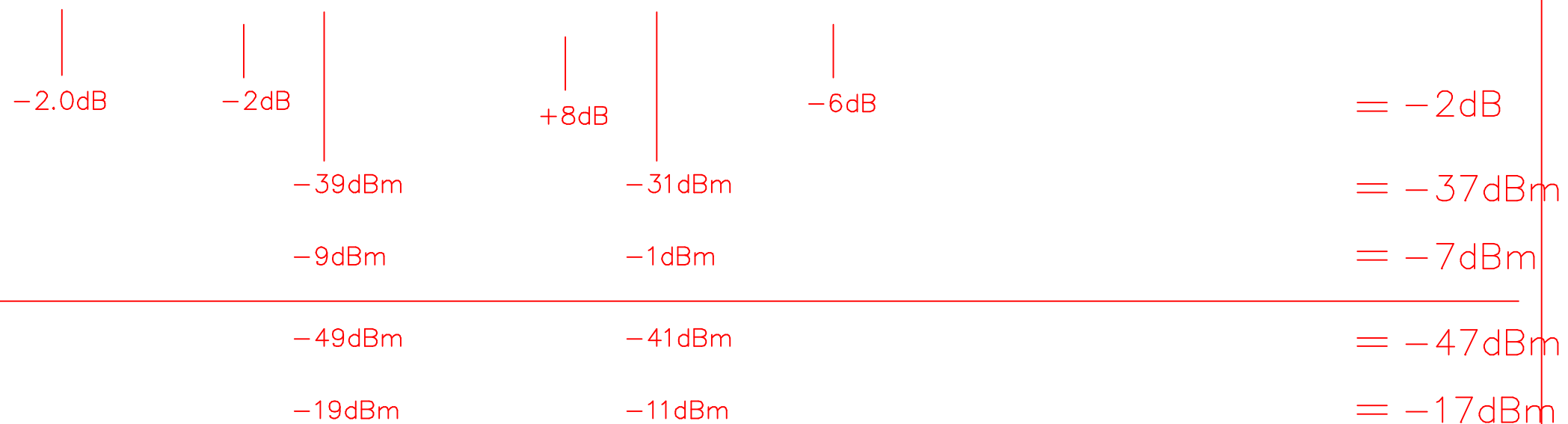
Flowchart MR801B CDMA  
HF Ausgang



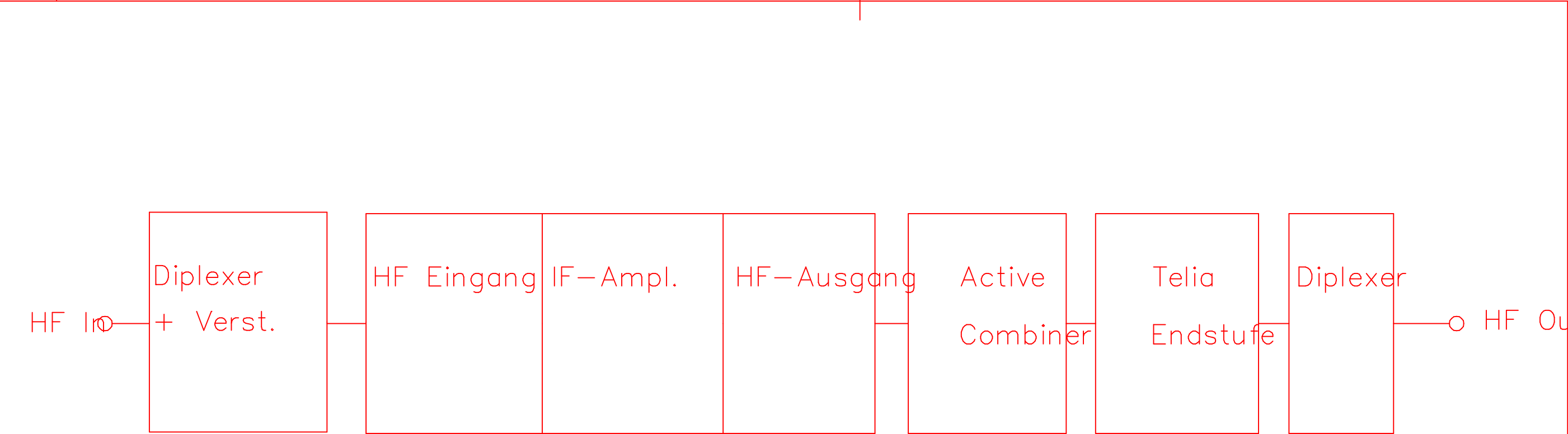
Values at 30 T case

|                 |  |       |  |                                                                                            |          |                |                                          |                                                                                       |     |  |
|-----------------|--|-------|--|--------------------------------------------------------------------------------------------|----------|----------------|------------------------------------------|---------------------------------------------------------------------------------------|-----|--|
| Mikom Teile Nr. |  |       |  | Toleranz                                                                                   |          | Masstab:       |                                          |  |     |  |
|                 |  |       |  |                                                                                            |          |                |                                          |                                                                                       |     |  |
|                 |  |       |  | 1998                                                                                       | Datum    | Name           | Flowchart MR801B CDMA<br>Active Combiner |                                                                                       |     |  |
|                 |  |       |  | Gez.                                                                                       | 20.03.99 | Ld             |                                          |                                                                                       |     |  |
|                 |  |       |  | Gepr.                                                                                      |          |                |                                          |                                                                                       |     |  |
|                 |  |       |  | Norm                                                                                       |          |                |                                          |                                                                                       |     |  |
|                 |  |       |  |                                                                                            |          |                |                                          |                                                                                       |     |  |
|                 |  |       |  |  GmbH |          |                | Blatt 1                                  |                                                                                       |     |  |
|                 |  |       |  |                                                                                            |          |                |                                          |                                                                                       |     |  |
| Zust. Änderung  |  | Datum |  | Nam.                                                                                       |          | 86675 Buchdorf |                                          |                                                                                       | Bl. |  |

**MIKOM** GmbH  
Industriering 10  
86675 Buchdorf



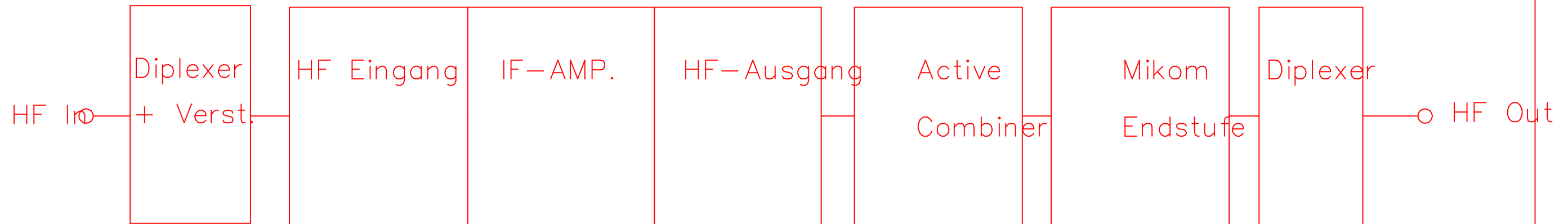
|                 |  |          |  |          |          |                                            |  |                                            |  |
|-----------------|--|----------|--|----------|----------|--------------------------------------------|--|--------------------------------------------|--|
| Mikom Teile Nr. |  |          |  | Toleranz |          | Masstab:                                   |  |                                            |  |
|                 |  |          |  |          |          |                                            |  |                                            |  |
|                 |  |          |  | 1999     | Datum    | Name                                       |  |                                            |  |
|                 |  |          |  | Gez.     | 20.03.99 | Ld                                         |  |                                            |  |
|                 |  |          |  | Gepr.    |          |                                            |  |                                            |  |
|                 |  |          |  | Norm     |          |                                            |  |                                            |  |
|                 |  |          |  |          |          | Flowchart MR801B CDMA<br>HF-Ein Ext.-Modul |  |                                            |  |
|                 |  |          |  |          |          |                                            |  |                                            |  |
|                 |  |          |  |          |          | Blatt 1                                    |  |                                            |  |
|                 |  |          |  |          |          | Bl.                                        |  |                                            |  |
| Zust.           |  | Änderung |  | Datum    |          | Nam.                                       |  |                                            |  |
|                 |  |          |  |          |          |                                            |  | GmbH<br>Industriering 10<br>86675 Buchdorf |  |



|                     |       |        |      |        |                |        |      |       |       |        |       |        |            |
|---------------------|-------|--------|------|--------|----------------|--------|------|-------|-------|--------|-------|--------|------------|
|                     | +20dB |        | -6dB |        | +19dB<br>-11dB |        | +9dB |       | +13dB |        | +36dB | -1.0dB | = +90dB    |
| Pin = -51dBm -31dBm |       | -37dBm |      | -18dBm |                | -9dBm  |      | +4dBm |       | +40dBm |       |        | = +60dB    |
| Pin = -21dBm -1dBm  |       | -7dBm  |      | -18dBm |                | -9dBm  |      | +4dBm |       | +40dBm |       |        | = +39dBm   |
| Pin = -61dBm -41dBm |       | -47dBm |      | -28dBm |                | -19dBm |      | -6dBm |       | +30dBm |       |        | = +29.0dBm |
| Pin = -31dBm -11dBm |       | -17dBm |      | -28dBm |                | -19dBm |      | -6dBm |       | +30dBm |       |        | = +29dBm   |

Values at 30 T case

|                 |  |  |  |                  |          |                |                     |     |  |         |
|-----------------|--|--|--|------------------|----------|----------------|---------------------|-----|--|---------|
| Mikom Teile Nr. |  |  |  | Toleranz         |          | Masstab:       |                     |     |  |         |
|                 |  |  |  |                  |          |                |                     | ◎ ▢ |  |         |
|                 |  |  |  | 1999             | Datum    | Name           | Flowchart MR801B CD |     |  |         |
|                 |  |  |  | Gez.             | 20.03.99 | Ld             |                     |     |  |         |
|                 |  |  |  | Gepr.            |          |                |                     |     |  |         |
|                 |  |  |  | Norm             |          |                |                     |     |  |         |
|                 |  |  |  |                  |          |                |                     |     |  |         |
|                 |  |  |  | MIKOM GmbH       |          |                |                     |     |  | Blatt 1 |
|                 |  |  |  | Industriering 10 |          |                |                     |     |  | Bl.     |
| Zust. Änderung  |  |  |  | Datum            | Nam.     | 86675 Buchdorf |                     |     |  |         |



|                     | <div> <div>+20dB</div> <div>-6dB</div> </div> | <div> <div>+19dB</div> <div>-11dB</div> </div> | <div> <div>+9dB</div> </div> | <div> <div>+13dB</div> </div> | <div> <div>+31dB</div> <div>-1.0dB</div> </div> |          |
|---------------------|-----------------------------------------------|------------------------------------------------|------------------------------|-------------------------------|-------------------------------------------------|----------|
| Pin = -51dBm -31dBm | -37dBm                                        | -18dBm                                         | -9dBm                        | +4dBm                         | +35dBm                                          | = +85dB  |
| Pin = -21dBm -1dBm  | -7dBm                                         | -18dBm                                         | -9dBm                        | +4dBm                         | +35dBm                                          | = +55dB  |
| Pin = -61dBm -41dBm | -47dBm                                        | -28dBm                                         | -19dBm                       | -6dBm                         | +25dBm                                          | = +34dBm |
| Pin = -31dBm -11dBm | -17dBm                                        | -28dBm                                         | -19dBm                       | -6dBm                         | +25dBm                                          | = +34dBm |

Values at 30 T case

|                 |  |       |  |                                                                                            |          |          |                       |                                                                                       |  |  |
|-----------------|--|-------|--|--------------------------------------------------------------------------------------------|----------|----------|-----------------------|---------------------------------------------------------------------------------------|--|--|
| Mikom Teile Nr. |  |       |  | Toleranz                                                                                   |          | Masstab: |                       |  |  |  |
|                 |  |       |  |                                                                                            |          |          |                       |                                                                                       |  |  |
|                 |  |       |  | 1999                                                                                       | Datum    | Name     | Flowchart MR801B CDMA |                                                                                       |  |  |
|                 |  |       |  | Gez.                                                                                       | 20.03.99 | Ld       |                       |                                                                                       |  |  |
|                 |  |       |  | Gepr.                                                                                      |          |          |                       |                                                                                       |  |  |
|                 |  |       |  | Norm                                                                                       |          |          |                       |                                                                                       |  |  |
|                 |  |       |  |                                                                                            |          |          |                       |                                                                                       |  |  |
|                 |  |       |  |  GmbH |          |          | Blatt 1               |                                                                                       |  |  |
|                 |  |       |  | Industriering 10<br>86675 Buchdorf                                                         |          |          | Bl.                   |                                                                                       |  |  |
| Zust. Änderung  |  | Datum |  | Nam.                                                                                       |          |          |                       |                                                                                       |  |  |