

## Tapper zur Auskopplung eines definierten HF-Signals

Der TAP-146960-N dient zur Auskopplung eines abgeschwächten HF-Signals in unsymmetrischer Verteilung mit einer Impedanz von 50 Ohm.

Großer Frequenzbereich : Für alle kommerziellen Betriebsfunk-, DMR- und TETRA Funksysteme im Bereich 146-960 MHz sowie 2G, 3G und 4G Mobilfunk bis 2,7 GHz geeignet.

IP 67 klassifiziert - Im innen- und Außenbereich einsetzbar.

Anschluss : N-female (Buchse)

Hohe PIM-Festigkeit : -150 dBc @ 2 x 43 dBm

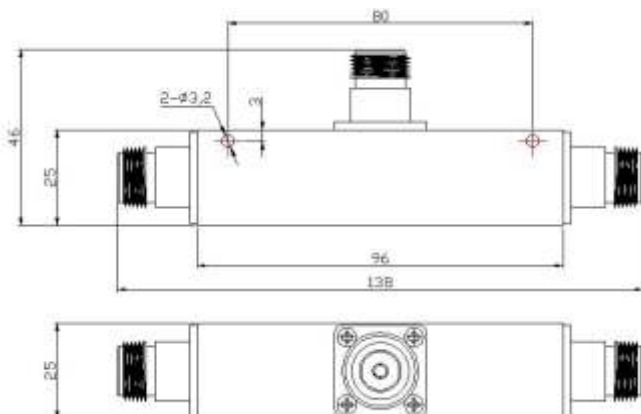
ROHS und REACH konform



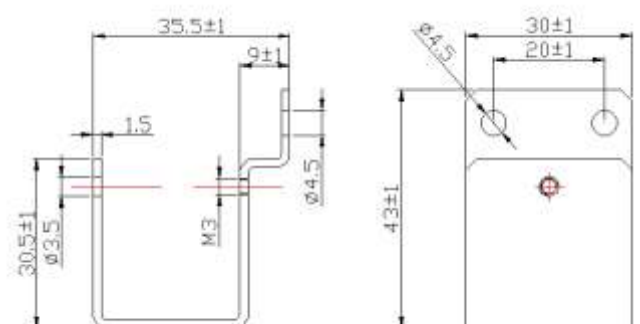
### SPEZIFIKATION :

| Modell                       | TAP-146960-x dB-N (x = Auskopplungswert)                 |                |                |                |                |                |
|------------------------------|----------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| Auskopplungswert *           | 4,8 dB                                                   | 6 dB           | 8 dB           | 10 dB          | 15 dB          | 20 dB          |
| Auskopplungstoleranz *       |                                                          |                |                |                |                |                |
| @ 146 - 380 MHz              | 0 / +2,0 dB                                              | -0,5 / +1,5 dB | -0,5 / +1,5 dB | -0,5 / +2,0 dB | -0,5 / +1,0 dB | -0,5 / +1,0 dB |
| @ 380 - 960 MHz              | ± 0,6 dB                                                 | ± 0,6 dB       | ± 1,0 dB       | ± 0,8 dB       | ± 0,8 dB       | ± 0,8 dB       |
| Durchgangsdämpfung *         | < 2,1 dB                                                 | < 1,7 dB       | < 1,2 dB       | < 0,7 dB       | < 0,3 dB       | < 0,2 dB       |
| SWR *                        | < 1,50:1                                                 | < 1,40:1       | < 1,25:1       | < 1,20:1       | < 1,20:1       | < 1,20:1       |
| Frequenzbereich              | 146-1.550 und 1.675 - 2.700 MHz                          |                |                |                |                |                |
| max. Leistung                | 200 Watt                                                 |                |                |                |                |                |
| Impedanz                     | 50 Ohm                                                   |                |                |                |                |                |
| PIM @ 2 x 43 dBm             | 150 dBc                                                  |                |                |                |                |                |
| Anschlüsse                   | N-Buchsen                                                |                |                |                |                |                |
| IP Klasse                    | IP 67                                                    |                |                |                |                |                |
| Abmessungen (ohne N-Buchsen) | 138 x 25 x 46 mm                                         |                |                |                |                |                |
| Gewicht                      | ca. 245 g (inkl. Halterung)                              |                |                |                |                |                |
| Temperaturbereich            | -30 - +65° C                                             |                |                |                |                |                |
| Rel.Luftfeuchtigkeit         | 5 - 95 %                                                 |                |                |                |                |                |
| Montage                      | Wahlweise direkt oder mit dazugehöriger Montagehalterung |                |                |                |                |                |

### ABMESSUNGEN :



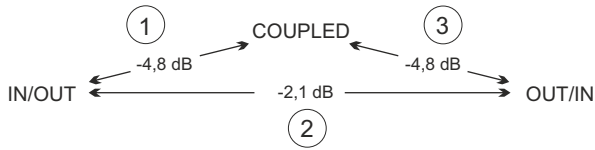
### Montagehalterung :



Typische Messkurven : siehe Seite 2

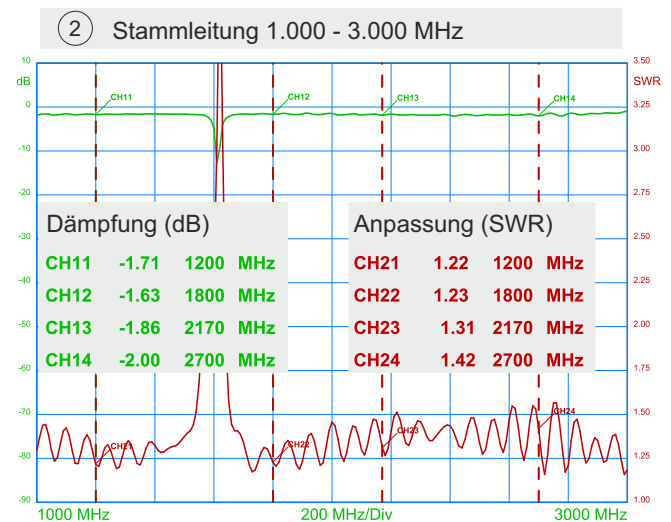
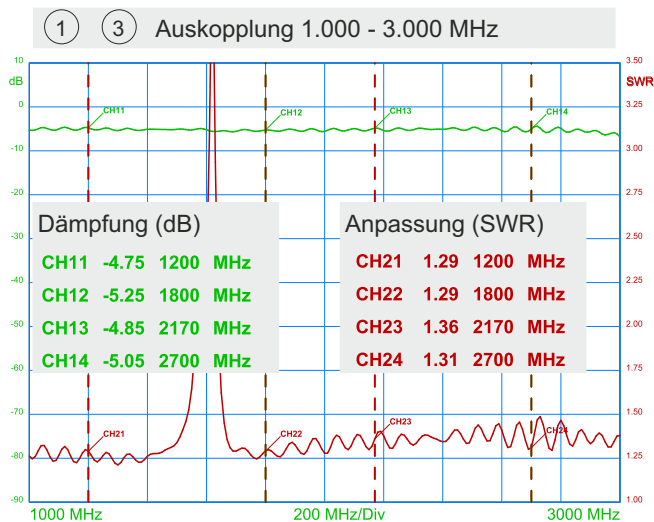
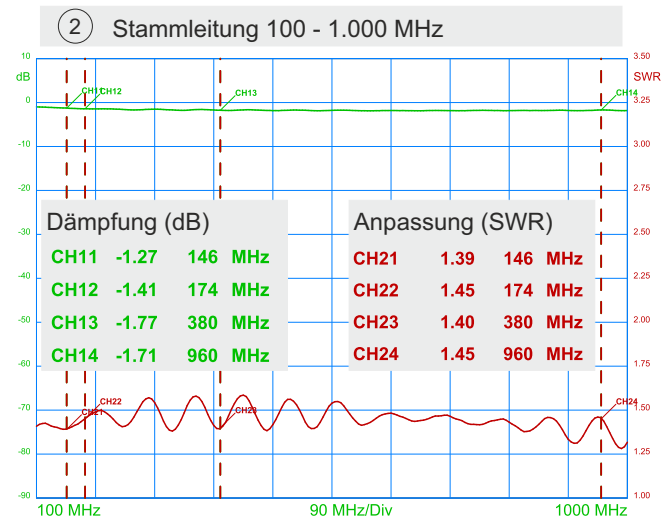
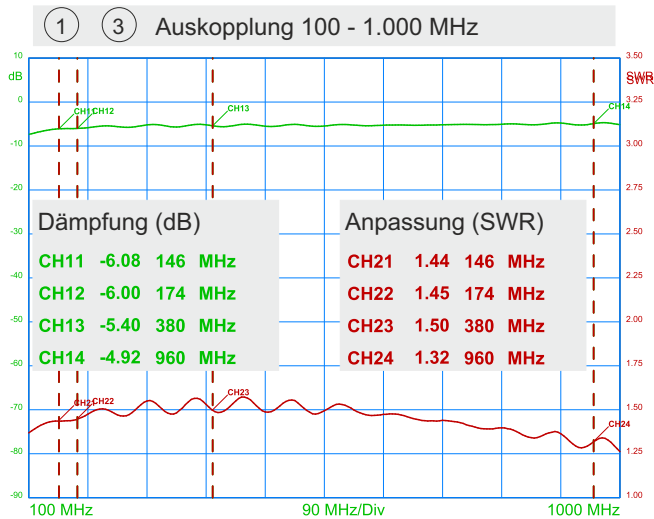
# TAP-146960-xdB-N

Tapper zur Auskopplung eines definierten HF-Signals



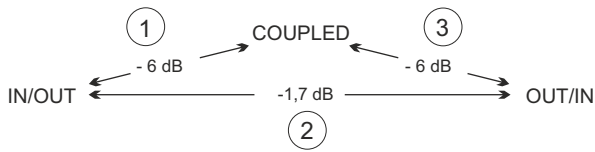
TAP-144960-4,8 dB-N

MESSKURVEN (typ.) :



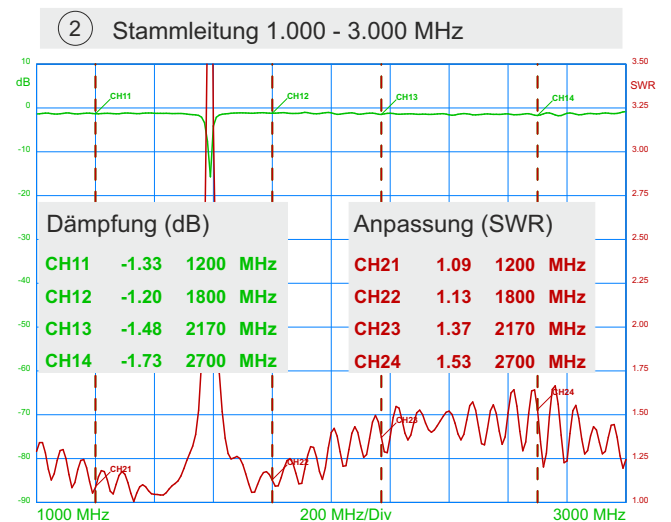
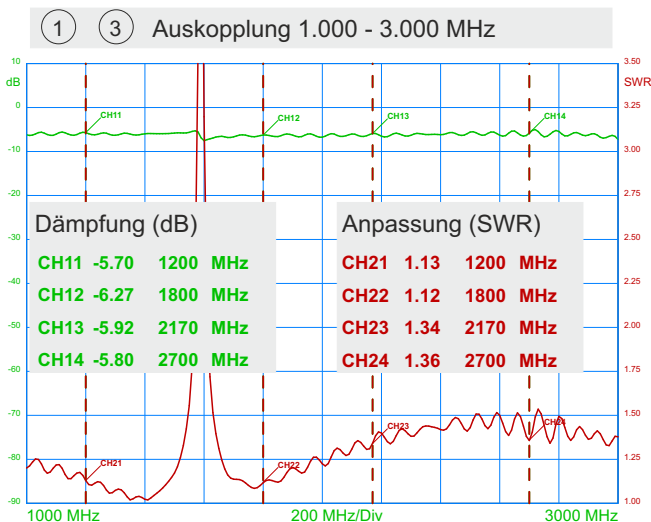
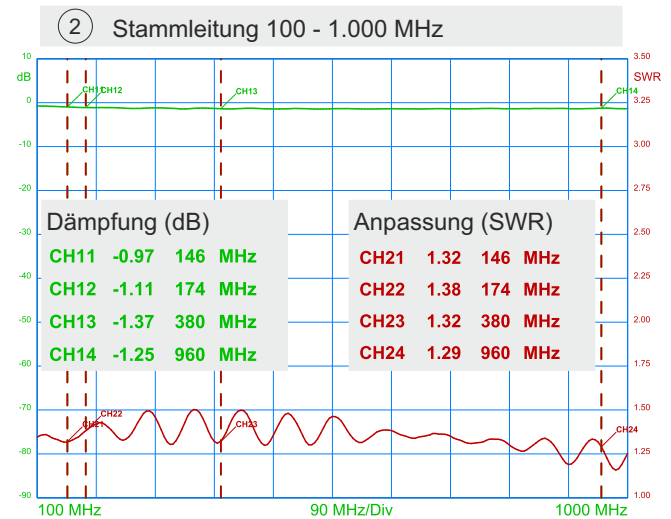
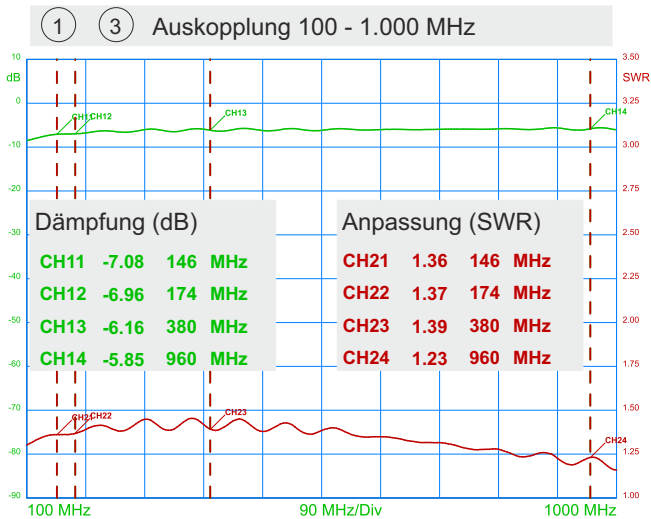
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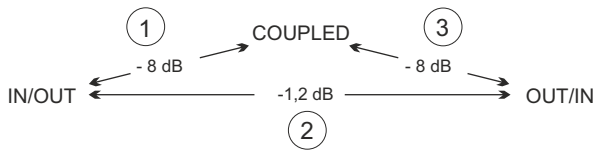
TAP-144960-6 dB-N

MESSKURVEN (typ.) :



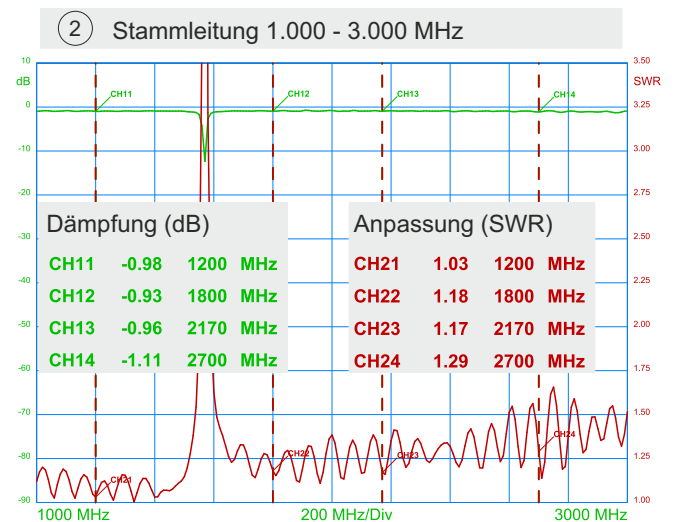
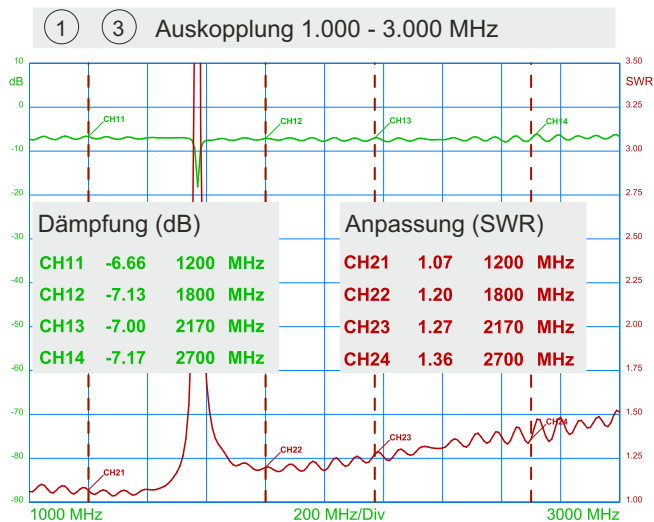
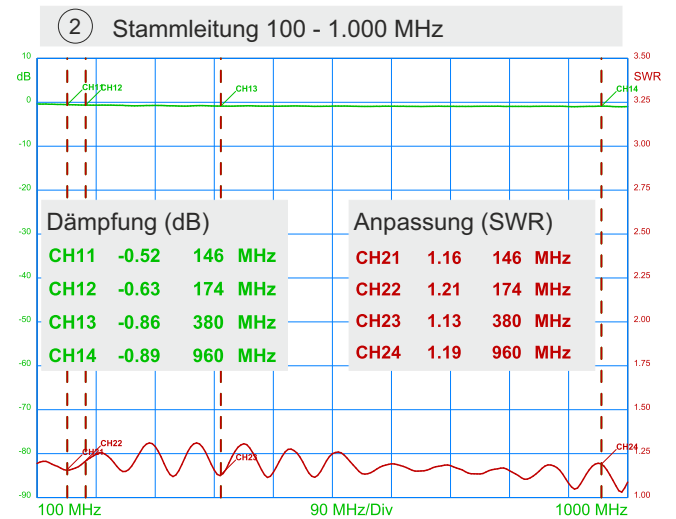
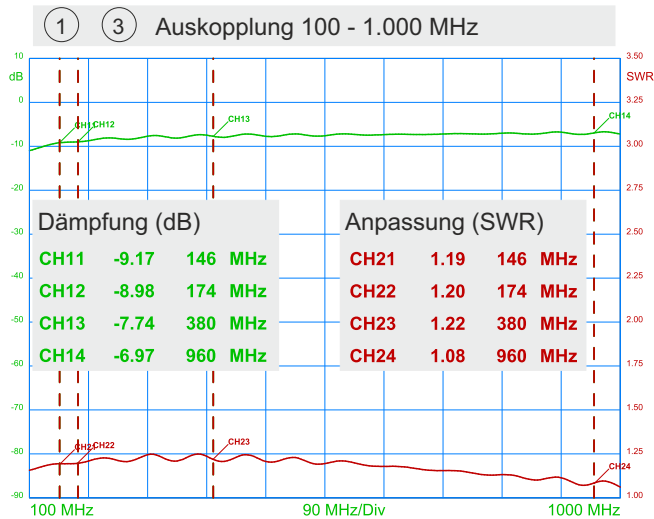
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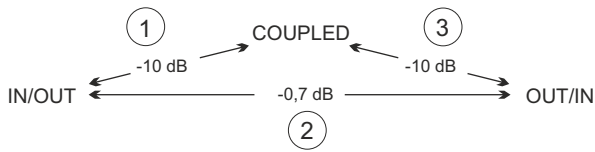
TAP-144960-8 dB-N

MESSKURVEN (typ.) :



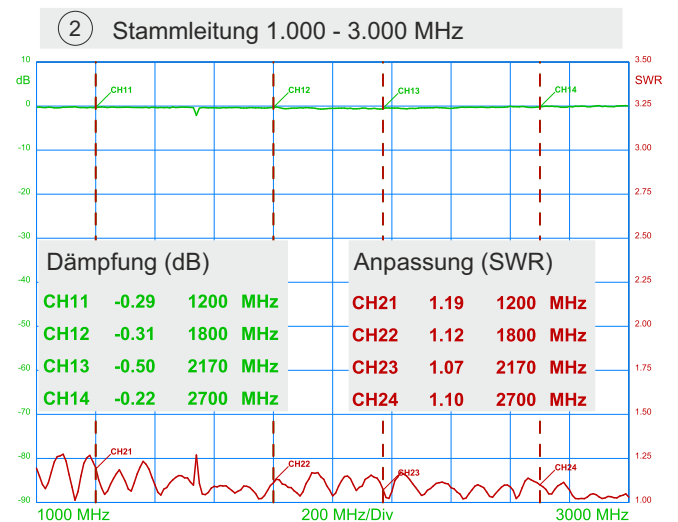
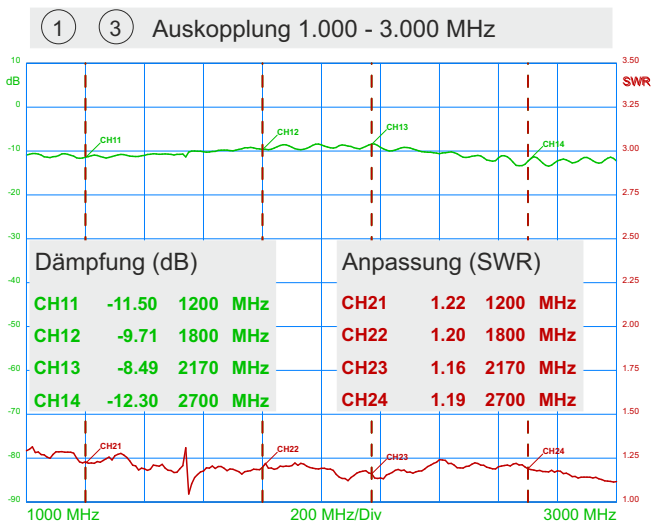
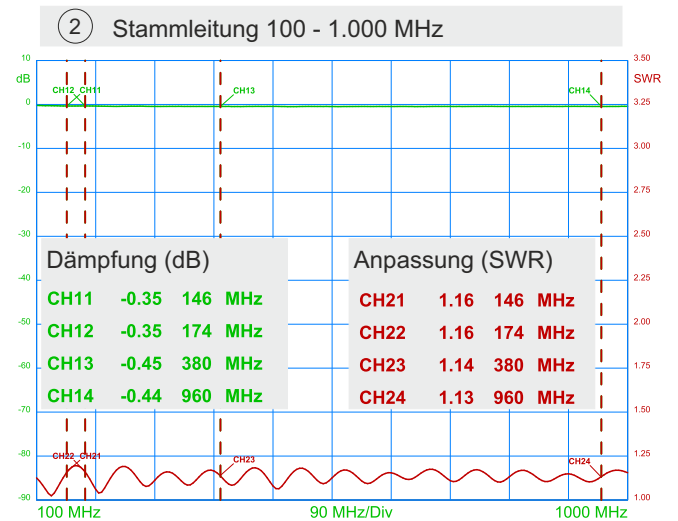
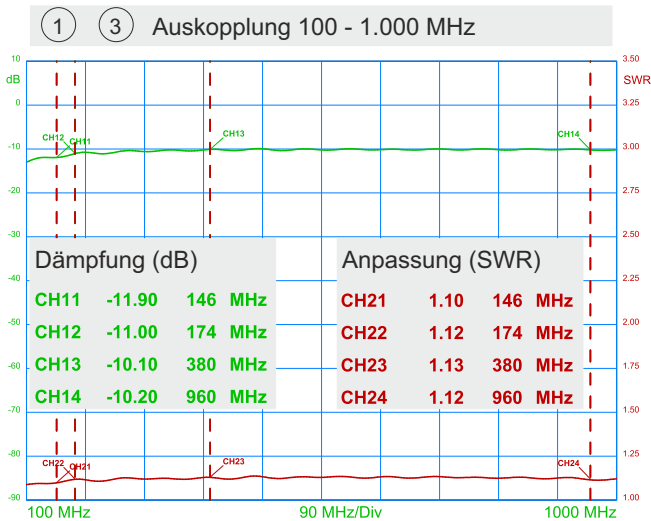
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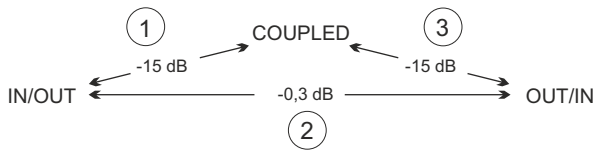
TAP-144960-10 dB-N

MESSKURVEN (typ.) :



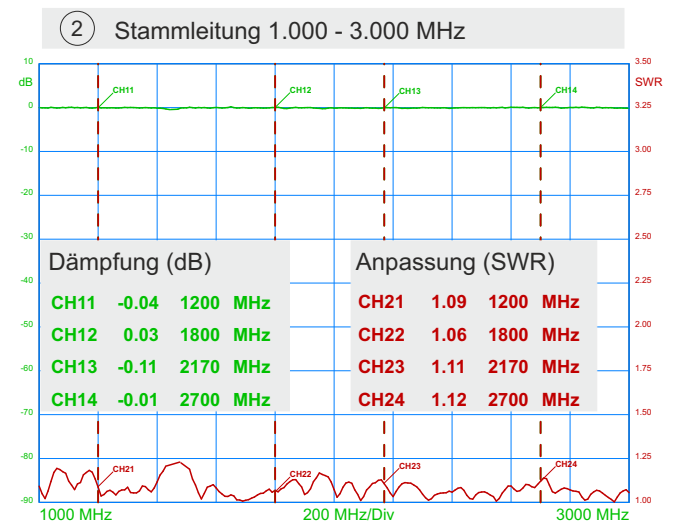
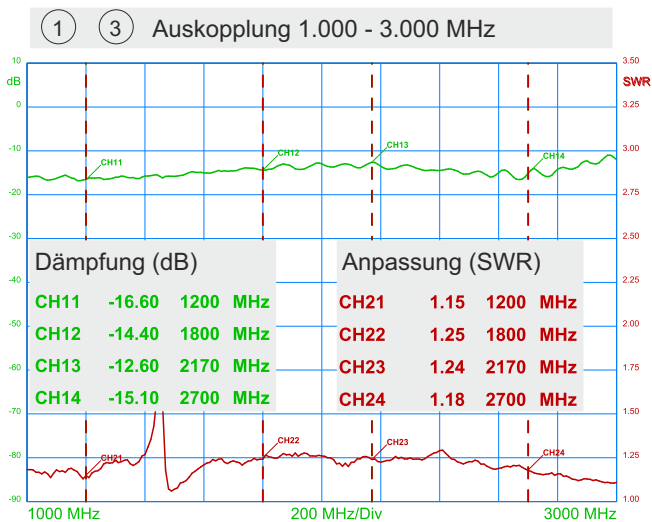
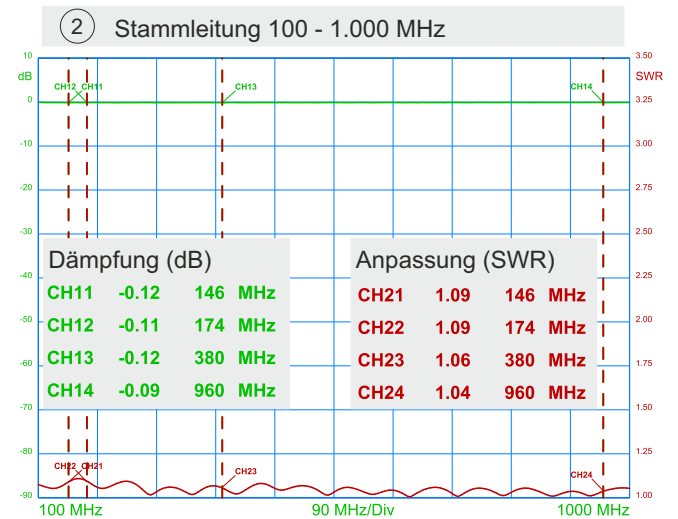
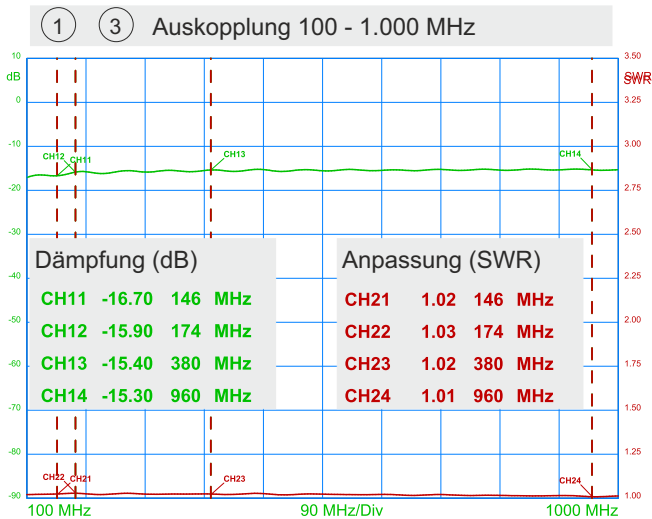
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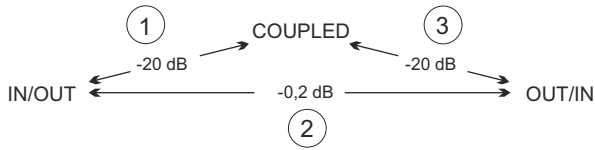
TAP-144960-15 dB-N

MESSKURVEN (typ.) :



# TAP-146960-xdB-N

Tapper zur Auskopplung eines definierten HF-Signals



TAP-144960-20 dB-N

MESSKURVEN (typ.) :

