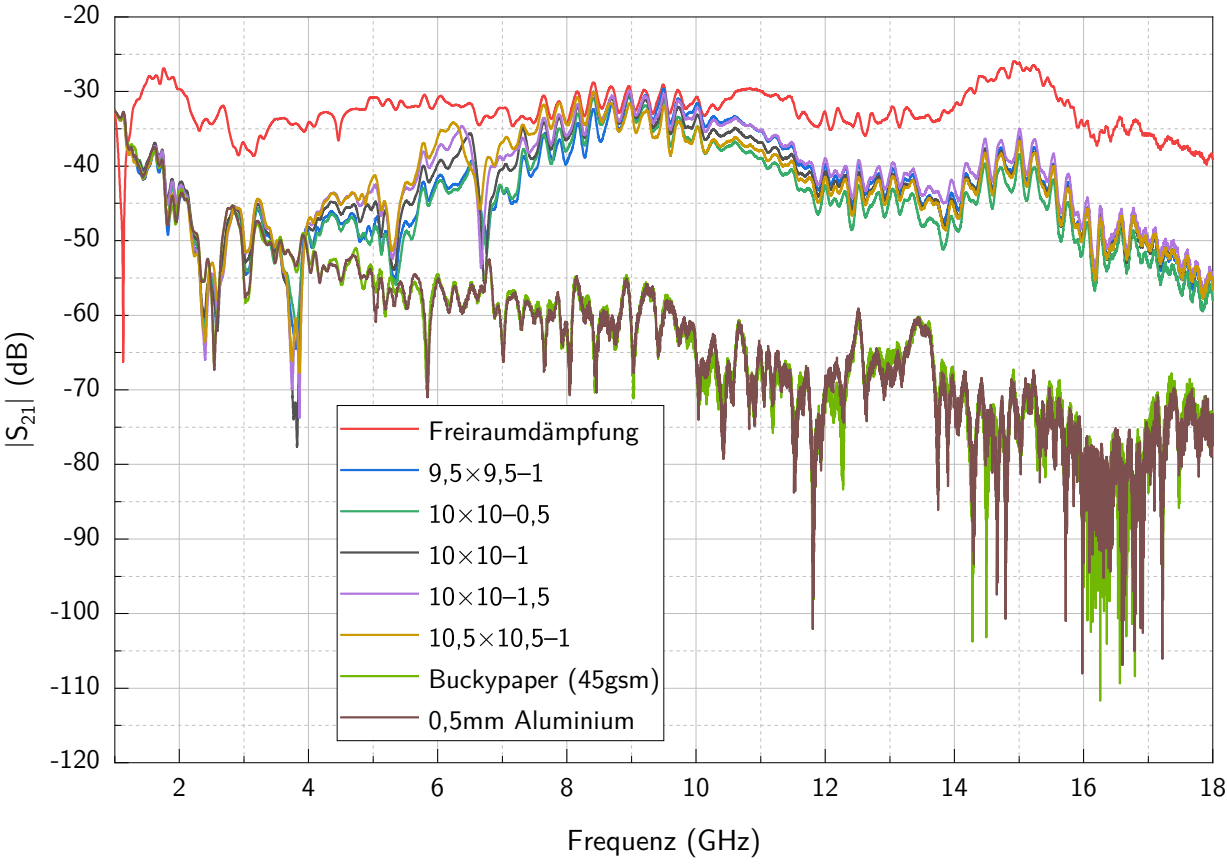
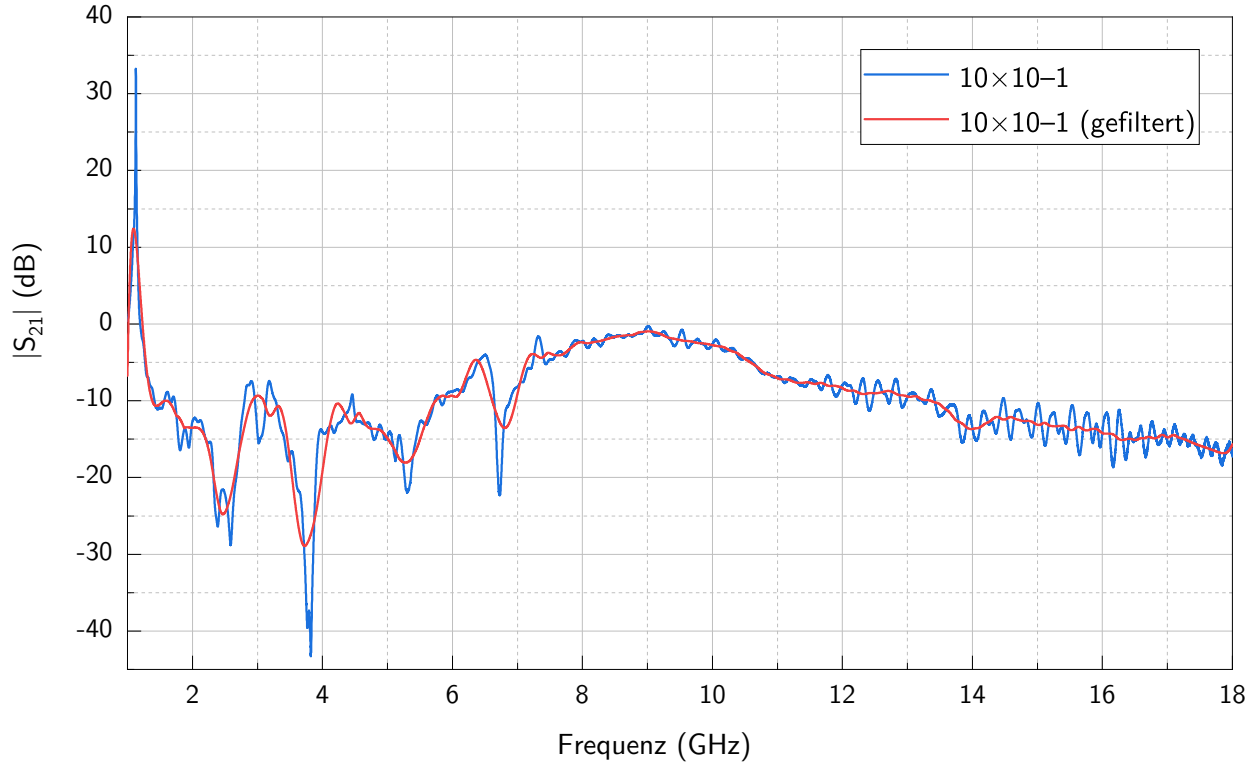
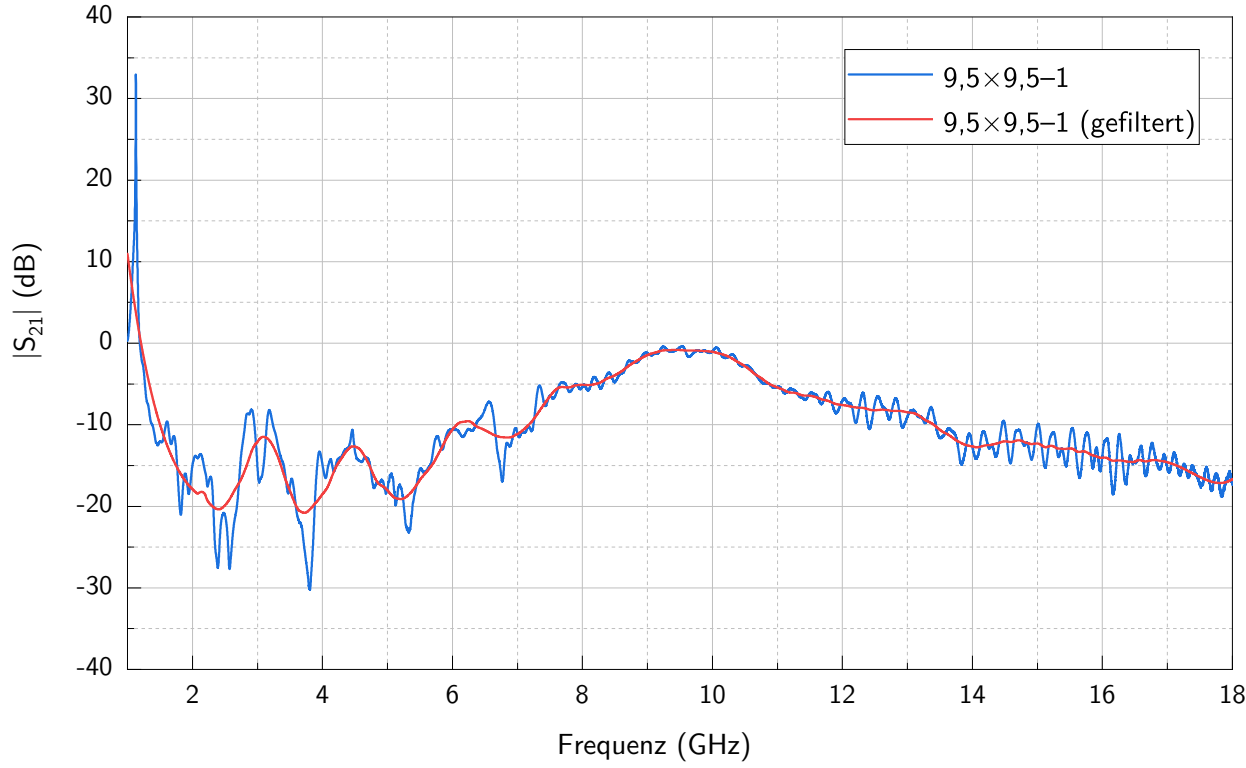
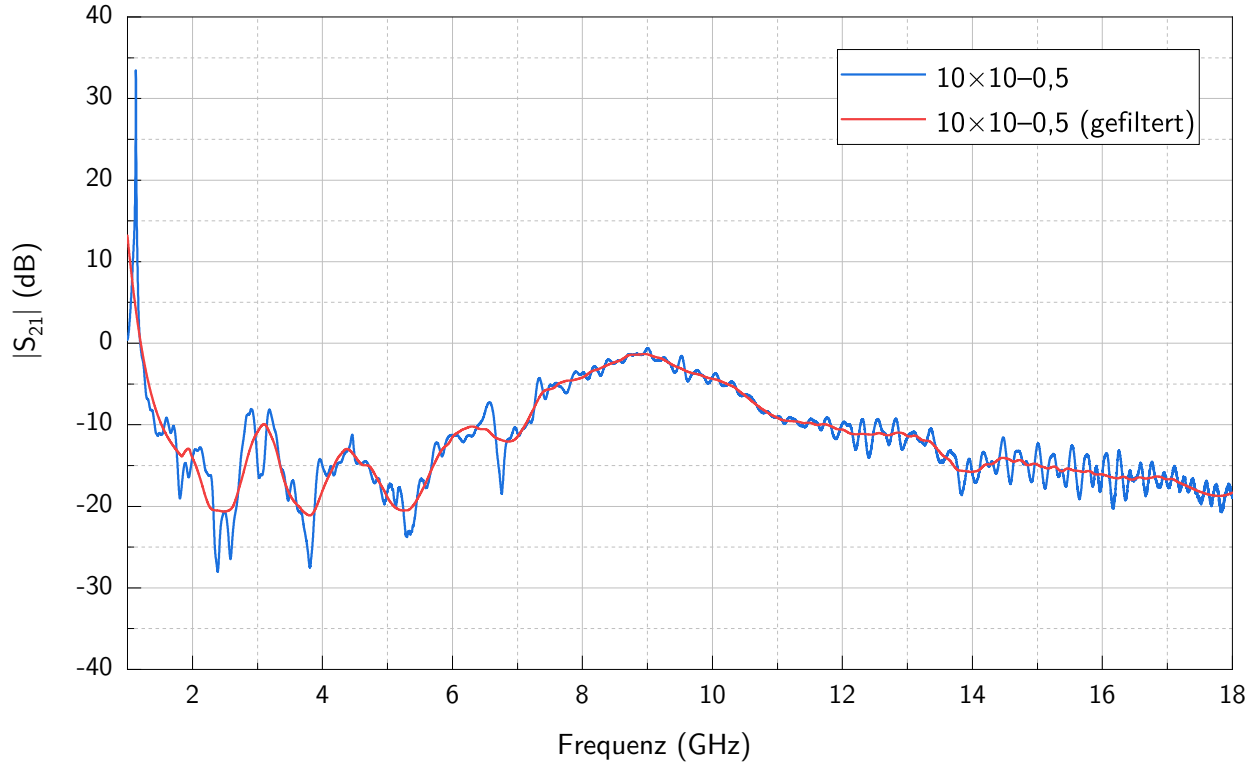
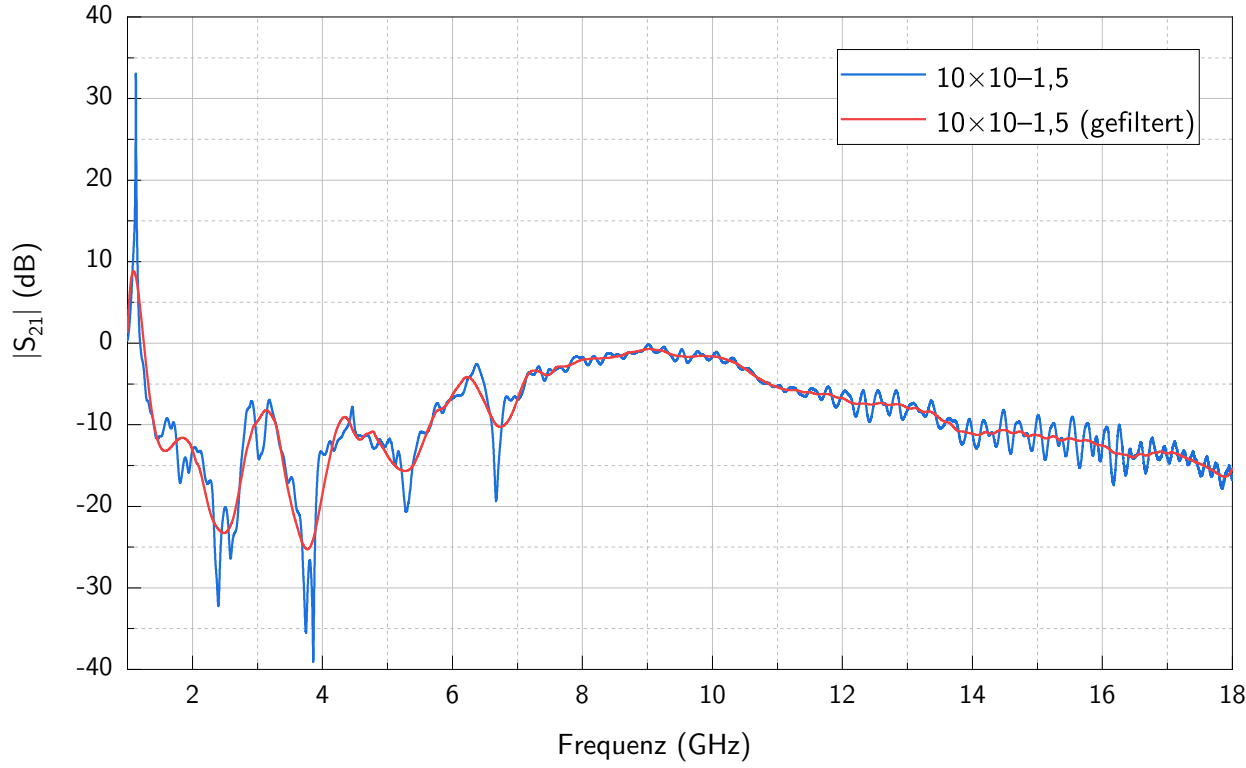
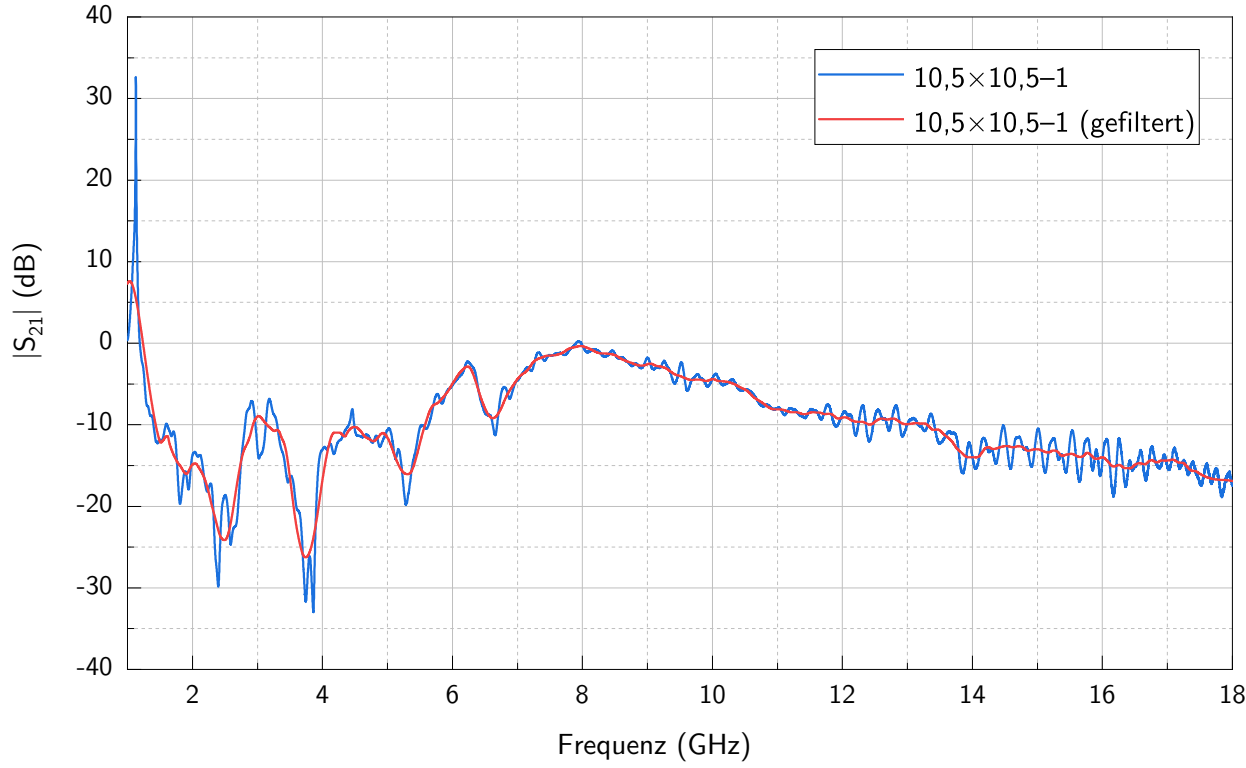

-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
|S21| (dB)
2
4
6
8
10
12
14
16
18
Frequenz (GHz)
Freiraumdämpfung
9,5×9,5–1
10×10–0,5
10×10–1
10×10–1,5
10,5×10,5–1
Buckypaper (45gsm)
0,5mm Aluminium

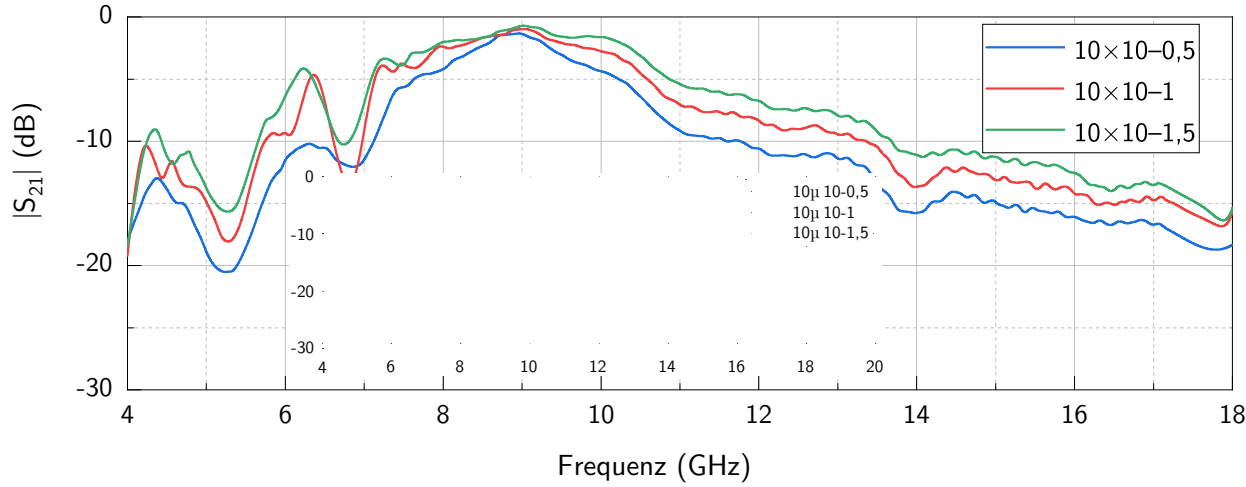

40
30
20
10
0
-10
-20
-30
-40
|S21| (dB)
2
4
6
8
10
12
14
16
18
Frequenz (GHz)
10×10–1
10×10–1 (gefiltert)

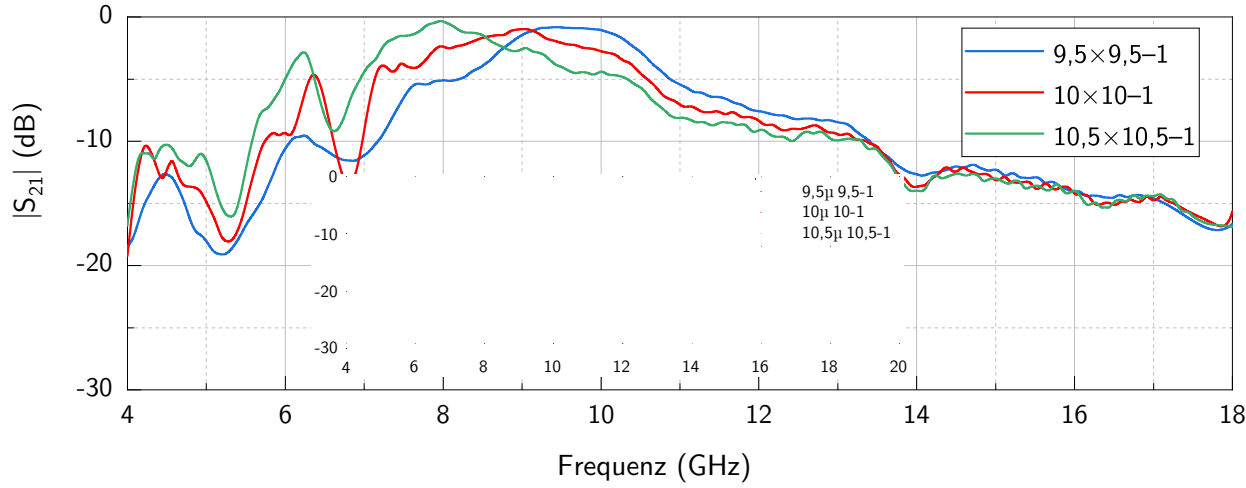

40
30
20
10
0
-10
-20
-30
-40
|S21| (dB)
2
4
6
8
10
12
14
16
18
Frequenz (GHz)
9,5×9,5–1
9,5×9,5–1 (gefiltert)


40
30
20
10
0
-10
-20
-30
-40
|S21| (dB)
2
4
6
8
10
12
14
16
18
Frequenz (GHz)
10×10–0,5
10×10–0,5 (gefiltert)


40
30
20
10
0
-10
-20
-30
-40
|S21| (dB)
2
4
6
8
10
12
14
16
18
Frequenz (GHz)
10×10–1,5
10×10–1,5 (gefiltert)


40
30
20
10
0
-10
-20
-30
-40
|S21| (dB)
2
4
6
8
10
12
14
16
18
Frequenz (GHz)
10,5×10,5–1
10,5×10,5–1 (gefiltert)


0
-10
-20
-30
|S21| (dB)
4
6
8
10
12
14
16
18
Frequenz (GHz)
10×10–0,5
10×10–1
10×10–1,5
10µ 10-0,5
10µ 10-1
10µ 10-1,5
0
-10
-20
-30
4
6
8
10
12
14
16
18
20


0
-10
-20
-30
|S21| (dB)
4
6
8
10
12
14
16
18
Frequenz (GHz)
9,5×9,5–1
10×10–1
10,5×10,5–1
9,5µ 9,5-1
10µ 10-1
10,5µ 10,5-1
0
-10
-20
-30
4
6
8
10
12
14
16
18
20