

Fiberglass ("FIBERSCREEN")

Foam ("POLYSCREEN")

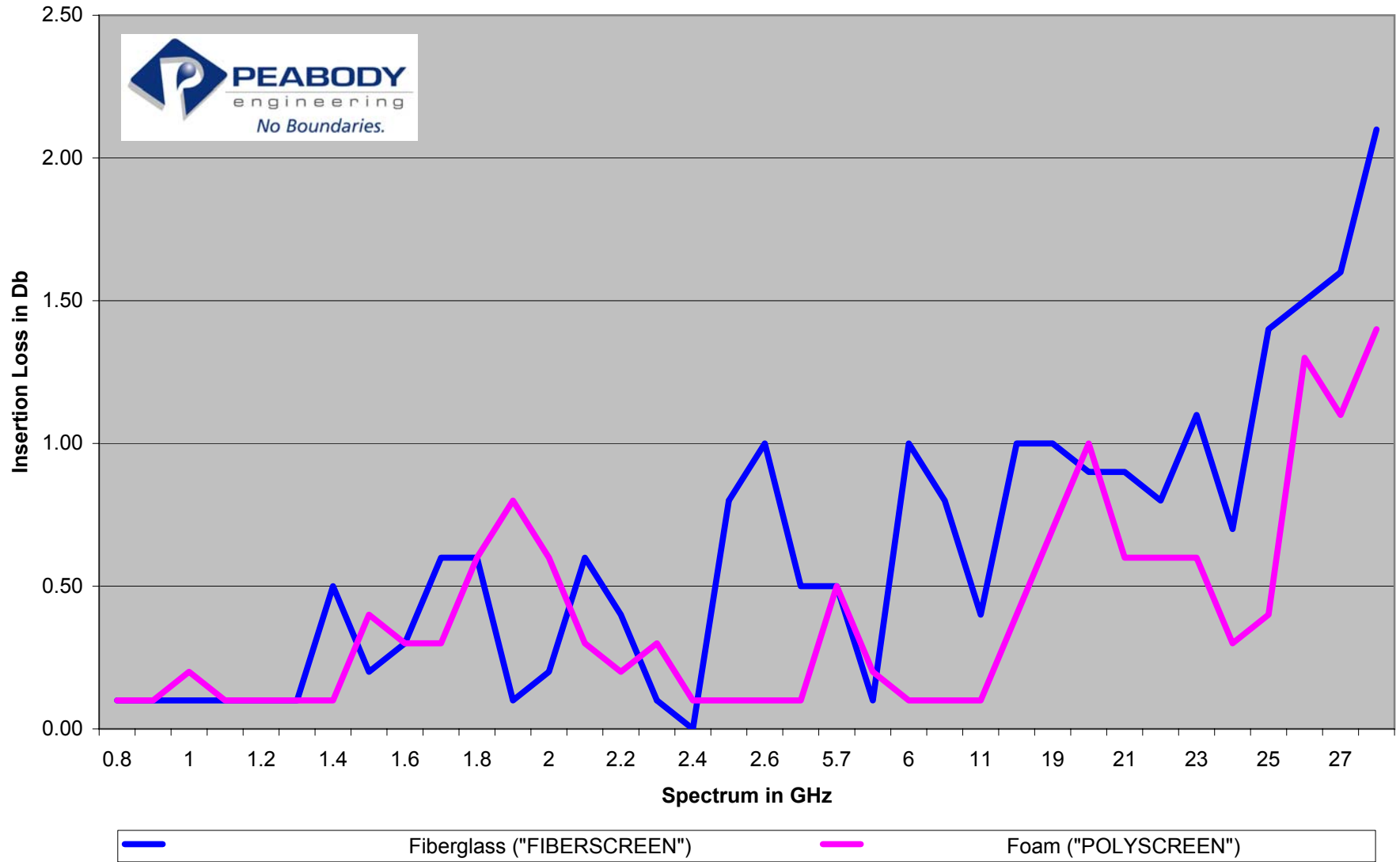
Spectrum in GHz	Fiberglass ("FIBERSCREEN")			Foam ("POLYSCREEN")		
	Insertion loss 90°	Insertion loss 45°	Reflection at 90°	Insertion loss 90°	Insertion loss 45°	Reflection at 90°
0.8	0.10	0.40	10.60	0.10	0.60	8.90
0.9	0.10	0.20	13.50	0.10	0.40	10.60
1	0.10	0.50	9.60	0.20	0.70	8.30
1.1	0.10	0.20	13.50	0.10	0.30	11.80
1.2	0.10	0.10	13.50	0.10	0.10	13.50
1.3	0.10	0.20	13.50	0.10	0.10	13.50
1.4	0.50	0.10	13.50	0.10	0.10	13.50
1.5	0.20	0.10	13.50	0.40	0.10	13.50
1.6	0.30	0.10	13.50	0.30	0.80	7.80
1.7	0.60	0.40	10.60	0.30	0.80	7.80
1.8	0.60	0.40	10.60	0.60	0.60	8.90
1.9	0.10	0.60	8.90	0.80	0.50	9.60
2	0.20	0.60	8.90	0.60	0.60	8.90
2.1	0.60	0.60	8.90	0.30	0.10	13.50
2.2	0.40	0.30	11.80	0.20	0.10	13.50
2.3	0.10	0.70	8.30	0.30	0.30	11.80
2.4	0.00	0.70	8.30	0.10	0.60	10.60
2.5	0.80	0.80	7.74	0.10	0.10	16.43
2.6	1.00	0.90	6.87	0.10	0.10	16.43
2.7	0.50	1.00	9.64	0.10	0.30	16.43
5.7	0.50	0.90	7.30	0.50	0.40	10.60
5.8	0.10	0.90	7.30	0.20	0.40	10.60
6	1.00	0.90	6.87	0.10	0.40	16.43
10	0.80	0.70	7.74	0.10	0.10	16.43
11	0.40	0.50	10.56	0.10	0.40	16.43
18	1.00	1.00	6.87	0.40	0.50	10.56
19	1.00	0.60	6.87	0.70	0.60	8.27
20	0.90	0.50	7.28	1.00	0.60	6.87
21	0.90	0.60	7.28	0.60	0.60	8.89
22	0.80	0.70	7.74	0.60	0.70	8.89
23	1.10	0.60	6.50	0.60	0.60	8.89
24	0.70	0.70	8.27	0.30	0.80	11.76
25	1.40	0.40	5.60	0.40	0.50	10.56
26	1.50	1.50	5.35	1.30	1.00	5.87
27	1.60	1.50	5.11	1.10	1.10	6.50
28	2.10	1.60	4.16	1.40	1.50	5.60

Insertion loss at 30 degree angle is:

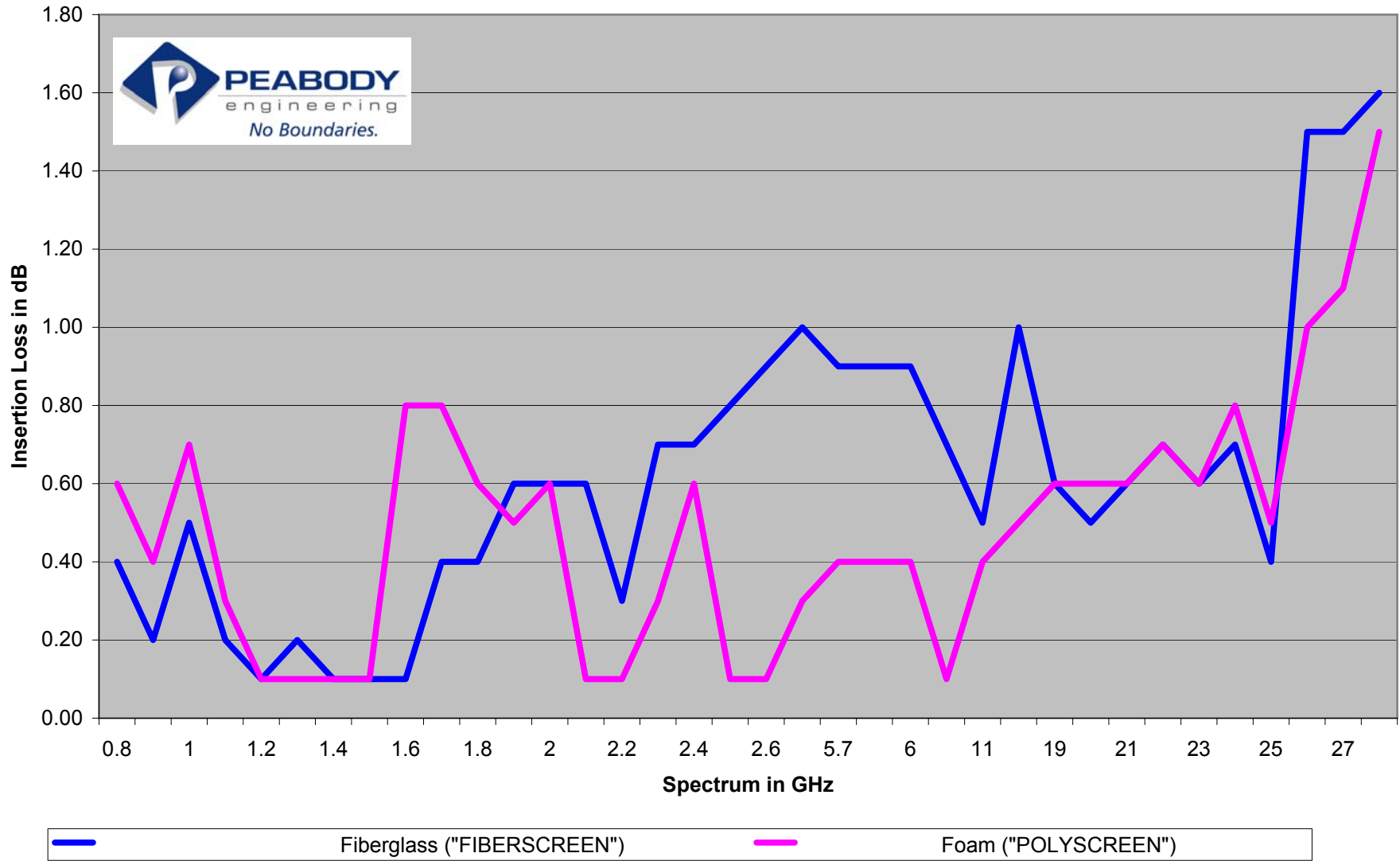
	Fiberglass	Foam
18 GHz	5.35	9.64
23 GHz	5.60	8.89
28 GHz	4.16	5.60

All data is taken in Near Field measurements

### Peabody Insertion Loss at 90 degree angle



### Peabody Insertion Loss at 45 degree angle



### Peabody Reflection Loss at 90

