

FREQ [GHz]	S11(dB)	S12(dB)	S21(dB)	S22(dB)
1.80	-0.13	-62.39	-62.39	-0.13
1.81	-0.14	-62.93	-62.93	-0.14
1.82	-0.14	-63.65	-63.65	-0.14
1.83	-0.14	-64.61	-64.61	-0.14
1.84	-0.15	-65.87	-65.87	-0.15
1.85	-0.15	-67.48	-67.48	-0.15
1.86	-0.15	-69.25	-69.25	-0.15
1.87	-0.16	-70.03	-70.03	-0.16
1.88	-0.16	-68.29	-68.29	-0.16
1.89	-0.16	-65.16	-65.16	-0.16
1.90	-0.17	-62.06	-62.06	-0.17
1.91	-0.17	-59.29	-59.29	-0.17
1.92	-0.18	-56.83	-56.83	-0.18
1.93	-0.18	-54.62	-54.62	-0.18
1.94	-0.19	-52.59	-52.59	-0.19
1.95	-0.20	-50.71	-50.71	-0.20
1.96	-0.20	-48.93	-48.93	-0.20
1.97	-0.21	-47.25	-47.25	-0.21
1.98	-0.22	-45.63	-45.63	-0.22
1.99	-0.23	-44.07	-44.07	-0.23
2.00	-0.24	-42.55	-42.55	-0.24
2.01	-0.25	-41.06	-41.06	-0.25
2.02	-0.26	-39.60	-39.60	-0.26
2.03	-0.27	-38.16	-38.16	-0.27
2.04	-0.28	-36.73	-36.73	-0.28
2.05	-0.29	-35.31	-35.31	-0.29
2.06	-0.31	-33.89	-33.89	-0.31
2.07	-0.33	-32.47	-32.47	-0.33
2.08	-0.35	-31.04	-31.04	-0.35
2.09	-0.37	-29.61	-29.61	-0.37
2.10	-0.39	-28.16	-28.16	-0.39
2.11	-0.42	-26.69	-26.69	-0.42
2.12	-0.46	-25.19	-25.19	-0.46
2.13	-0.50	-23.67	-23.67	-0.50
2.14	-0.55	-22.11	-22.11	-0.55
2.15	-0.62	-20.52	-20.52	-0.62

2.16	-0.70	-18.89	-18.89	-0.70
2.17	-0.81	-17.21	-17.21	-0.81
2.18	-0.95	-15.48	-15.48	-0.95
2.19	-1.16	-13.71	-13.71	-1.16
2.20	-1.45	-11.90	-11.90	-1.45
2.21	-1.88	-10.07	-10.07	-1.88
2.22	-2.55	-8.25	-8.25	-2.55
2.23	-3.59	-6.52	-6.52	-3.59
2.24	-5.21	-4.98	-4.98	-5.21
2.25	-7.74	-3.73	-3.73	-7.74
2.26	-11.59	-2.86	-2.86	-11.59
2.27	-16.63	-2.34	-2.34	-16.63
2.28	-17.51	-2.10	-2.10	-17.51
2.29	-14.29	-2.03	-2.03	-14.29
2.30	-12.03	-2.03	-2.03	-12.03
2.31	-10.73	-2.05	-2.05	-10.73
2.32	-10.06	-2.05	-2.05	-10.06
2.33	-9.81	-2.04	-2.04	-9.81
2.34	-9.86	-2.00	-2.00	-9.86
2.35	-10.17	-1.94	-1.94	-10.17
2.36	-10.70	-1.87	-1.87	-10.70
2.37	-11.46	-1.78	-1.78	-11.46
2.38	-12.45	-1.70	-1.70	-12.46
2.39	-13.72	-1.62	-1.62	-13.72
2.40	-15.31	-1.55	-1.55	-15.31
2.41	-17.31	-1.49	-1.49	-17.31
2.42	-19.87	-1.45	-1.45	-19.87
2.43	-23.22	-1.41	-1.41	-23.22
2.44	-27.18	-1.39	-1.39	-27.19
2.45	-28.32	-1.39	-1.39	-28.33
2.46	-25.19	-1.39	-1.39	-25.19
2.47	-22.16	-1.40	-1.40	-22.16
2.48	-19.96	-1.42	-1.42	-19.96
2.49	-18.38	-1.44	-1.44	-18.38
2.50	-17.25	-1.46	-1.46	-17.25
2.51	-16.47	-1.48	-1.48	-16.47
2.52	-15.98	-1.49	-1.49	-15.98

2.53	-15.77	-1.50	-1.50	-15.77
2.54	-15.84	-1.51	-1.51	-15.84
2.55	-16.23	-1.51	-1.51	-16.23
2.56	-17.01	-1.51	-1.51	-17.01
2.57	-18.31	-1.50	-1.50	-18.31
2.58	-20.37	-1.50	-1.50	-20.37
2.59	-23.25	-1.52	-1.52	-23.25
2.60	-24.48	-1.56	-1.56	-24.48
2.61	-20.69	-1.64	-1.64	-20.68
2.62	-16.40	-1.78	-1.78	-16.39
2.63	-13.03	-1.98	-1.98	-13.03
2.64	-10.40	-2.28	-2.28	-10.40
2.65	-8.33	-2.68	-2.68	-8.33
2.66	-6.69	-3.18	-3.18	-6.69
2.67	-5.38	-3.78	-3.78	-5.38
2.68	-4.35	-4.47	-4.47	-4.35
2.69	-3.54	-5.23	-5.23	-3.54
2.70	-2.90	-6.03	-6.03	-2.90
2.71	-2.40	-6.87	-6.87	-2.40
2.72	-2.01	-7.72	-7.72	-2.01
2.73	-1.70	-8.58	-8.58	-1.70
2.74	-1.45	-9.43	-9.43	-1.45
2.75	-1.25	-10.27	-10.27	-1.25
2.76	-1.09	-11.09	-11.09	-1.09
2.77	-0.96	-11.89	-11.89	-0.96
2.78	-0.85	-12.66	-12.66	-0.85
2.79	-0.77	-13.42	-13.42	-0.77
2.80	-0.69	-14.15	-14.15	-0.69
2.81	-0.63	-14.85	-14.85	-0.63
2.82	-0.57	-15.53	-15.53	-0.57
2.83	-0.53	-16.19	-16.19	-0.53
2.84	-0.48	-16.83	-16.83	-0.48
2.85	-0.45	-17.45	-17.45	-0.45
2.86	-0.42	-18.04	-18.04	-0.42
2.87	-0.39	-18.62	-18.62	-0.39
2.88	-0.37	-19.18	-19.18	-0.37
2.89	-0.35	-19.72	-19.72	-0.35

2.90	-0.33	-20.24	-20.24	-0.33
2.91	-0.31	-20.75	-20.75	-0.31
2.92	-0.29	-21.24	-21.24	-0.29
2.93	-0.28	-21.72	-21.72	-0.28
2.94	-0.26	-22.18	-22.18	-0.26
2.95	-0.25	-22.63	-22.63	-0.25
2.96	-0.24	-23.07	-23.07	-0.24
2.97	-0.23	-23.49	-23.49	-0.23
2.98	-0.22	-23.91	-23.91	-0.22
2.99	-0.21	-24.31	-24.31	-0.21
3.00	-0.21	-24.70	-24.70	-0.21
3.01	-0.20	-25.08	-25.08	-0.20
3.02	-0.19	-25.45	-25.45	-0.19
3.03	-0.18	-25.81	-25.81	-0.18
3.04	-0.18	-26.16	-26.16	-0.18
3.05	-0.17	-26.51	-26.51	-0.17
3.06	-0.17	-26.84	-26.84	-0.17
3.07	-0.16	-27.17	-27.17	-0.16
3.08	-0.16	-27.48	-27.48	-0.16
3.09	-0.15	-27.80	-27.80	-0.15
3.10	-0.15	-28.10	-28.10	-0.15
3.11	-0.14	-28.39	-28.39	-0.14
3.12	-0.14	-28.68	-28.68	-0.14
3.13	-0.14	-28.96	-28.96	-0.14
3.14	-0.13	-29.24	-29.24	-0.13
3.15	-0.13	-29.51	-29.51	-0.13
3.16	-0.13	-29.77	-29.77	-0.13
3.17	-0.12	-30.03	-30.03	-0.12
3.18	-0.12	-30.28	-30.28	-0.12
3.19	-0.12	-30.53	-30.53	-0.12
3.20	-0.12	-30.77	-30.77	-0.12
3.21	-0.11	-31.00	-31.00	-0.11
3.22	-0.11	-31.23	-31.23	-0.11
3.23	-0.11	-31.45	-31.45	-0.11
3.24	-0.11	-31.67	-31.67	-0.11
3.25	-0.11	-31.89	-31.89	-0.11
3.26	-0.10	-32.10	-32.10	-0.10

3.27	-0.10	-32.30	-32.30	-0.10
3.28	-0.10	-32.50	-32.50	-0.10
3.29	-0.10	-32.70	-32.70	-0.10
3.30	-0.10	-32.89	-32.89	-0.10
3.31	-0.09	-33.07	-33.07	-0.09
3.32	-0.09	-33.25	-33.25	-0.09
3.33	-0.09	-33.43	-33.43	-0.09
3.34	-0.09	-33.61	-33.61	-0.09
3.35	-0.09	-33.78	-33.78	-0.09
3.36	-0.09	-33.94	-33.94	-0.09
3.37	-0.09	-34.10	-34.10	-0.09
3.38	-0.09	-34.26	-34.26	-0.09
3.39	-0.08	-34.41	-34.41	-0.08
3.40	-0.08	-34.56	-34.56	-0.08
3.41	-0.08	-34.71	-34.71	-0.08
3.42	-0.08	-34.85	-34.85	-0.08
3.43	-0.08	-34.99	-34.99	-0.08
3.44	-0.08	-35.12	-35.12	-0.08
3.45	-0.08	-35.25	-35.25	-0.08
3.46	-0.08	-35.38	-35.38	-0.08
3.47	-0.08	-35.50	-35.50	-0.08
3.48	-0.07	-35.62	-35.62	-0.07
3.49	-0.07	-35.73	-35.73	-0.07
3.50	-0.07	-35.85	-35.85	-0.07