

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1.0	108.58	101.80	105.57	0.00	0.00	0.00	0.00	0.00	0.00
10.0	97.65	111.37	100.40	0.00	0.00	0.00	0.00	0.00	0.00
50.0	116.42	100.24	106.38	0.01	0.01	0.01	0.02	0.02	0.02
100.0	112.76	97.87	93.45	0.00	0.01	0.01	0.02	0.03	0.04
150.0	89.22	89.22	92.80	0.00	0.01	0.01	0.03	0.05	0.06
200.0	83.24	84.37	83.87	0.00	0.02	0.02	0.05	0.08	0.09
250.0	78.91	78.46	78.09	0.00	0.02	0.03	0.09	0.12	0.14
300.0	73.85	73.97	74.72	0.01	0.03	0.04	0.13	0.17	0.19
350.0	70.22	70.26	70.35	0.02	0.04	0.05	0.19	0.23	0.25
400.0	66.60	67.19	67.34	0.02	0.05	0.07	0.23	0.28	0.31
500.0	61.69	61.85	62.15	0.04	0.08	0.10	0.32	0.39	0.42
600.0	57.71	57.89	58.22	0.07	0.11	0.13	0.41	0.49	0.54
700.0	55.08	55.41	55.76	0.10	0.14	0.17	0.47	0.58	0.64
750.0	54.84	55.21	55.63	0.11	0.16	0.18	0.49	0.61	0.68
800.0	56.50	57.27	57.98	0.13	0.18	0.20	0.51	0.63	0.70
950.0	35.28	34.92	34.20	0.20	0.26	0.30	0.54	0.68	0.77
970.0	30.89	30.56	29.84	0.21	0.28	0.32	0.54	0.69	0.78
1000.0	24.28	23.95	23.20	0.26	0.34	0.39	0.57	0.72	0.82
1015.0	20.87	20.53	19.75	0.31	0.40	0.46	0.61	0.77	0.88
1050.0	12.42	12.06	11.23	0.66	0.82	0.99	0.97	1.20	1.40
1075.0	6.28	6.03	5.33	1.92	2.30	2.85	2.33	2.79	3.39
1090.0	3.34	3.26	2.84	4.13	4.75	5.87	4.77	5.51	6.76
1100.0	2.06	2.11	1.88	6.63	7.40	9.01	7.62	8.61	10.56
1150.0	0.77	0.94	1.01	15.76	16.58	17.33	16.97	18.00	18.46
1170.0	0.68	0.85	0.93	18.17	19.60	20.29	18.51	19.86	20.23
1200.0	0.59	0.76	0.85	31.06	38.88	35.68	29.14	32.92	33.34
1250.0	0.59	0.76	0.85	20.18	19.85	20.23	20.89	21.18	21.82
1280.0	0.60	0.76	0.85	18.49	18.79	19.29	18.88	19.60	20.09
1300.0	0.59	0.75	0.84	18.91	19.50	20.00	19.16	20.02	20.40
1350.0	0.55	0.72	0.81	22.78	23.52	23.82	22.65	23.12	22.97
1390.0	0.56	0.74	0.84	21.81	21.88	22.06	21.69	21.43	21.35
1450.0	0.85	1.06	1.20	12.14	12.10	11.95	12.51	12.39	12.26
1475.0	1.29	1.53	1.70	8.45	8.40	8.27	8.92	8.87	8.78
1500.0	2.11	2.40	2.61	5.54	5.52	5.44	6.06	6.08	6.06
1525.0	3.38	3.72	3.96	3.49	3.51	3.48	4.02	4.11	4.16
1600.0	8.91	9.30	9.56	0.91	1.00	1.05	1.42	1.64	1.76
1700.0	16.49	16.84	17.08	0.32	0.39	0.45	0.80	1.03	1.14
1750.0	19.95	20.29	20.51	0.24	0.32	0.38	0.75	0.96	1.06
1800.0	23.33	23.66	23.86	0.21	0.28	0.34	0.74	0.93	1.03
1825.0	25.05	25.37	25.57	0.20	0.27	0.33	0.75	0.93	1.03
1850.0	26.83	27.14	27.32	0.19	0.26	0.32	0.77	0.94	1.03
1875.0	28.69	28.98	29.15	0.19	0.26	0.31	0.78	0.95	1.04
1900.0	30.67	30.95	31.11	0.18	0.25	0.31	0.79	0.96	1.05
1925.0	32.86	33.11	33.25	0.18	0.24	0.30	0.82	0.98	1.07
1950.0	35.32	35.56	35.69	0.17	0.24	0.29	0.84	1.00	1.10
1975.0	38.27	38.49	38.60	0.17	0.24	0.29	0.87	1.03	1.13
2000.0	42.07	42.25	42.34	0.16	0.23	0.29	0.89	1.05	1.16
2025.0	47.73	47.92	47.92	0.16	0.23	0.29	0.92	1.08	1.19
2050.0	61.90	61.65	61.26	0.16	0.23	0.29	0.94	1.11	1.23
2075.0	53.41	53.69	53.94	0.15	0.22	0.28	0.97	1.14	1.27
2100.0	46.67	46.89	47.06	0.15	0.22	0.28	0.99	1.17	1.31
2125.0	43.34	43.51	43.68	0.15	0.22	0.28	1.01	1.20	1.35
2150.0	41.24	41.38	41.55	0.14	0.22	0.28	1.03	1.23	1.38
2175.0	39.81	39.95	40.10	0.15	0.22	0.28	1.05	1.26	1.42
2200.0	38.76	38.89	39.05	0.14	0.22	0.28	1.05	1.28	1.45
2400.0	36.72	36.88	37.25	0.13	0.21	0.28	1.13	1.42	1.60
2450.0	37.22	37.39	37.84	0.12	0.21	0.28	1.14	1.44	1.62
2400.0	36.72	36.88	37.25	0.13	0.21	0.28	1.13	1.42	1.60
2500.0	38.02	38.20	38.74	0.12	0.21	0.29	1.17	1.47	1.65
2550.0	39.11	39.38	39.97	0.12	0.21	0.29	1.21	1.51	1.68



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IF/RF MICROWAVE COMPONENTS

REV. A
ZX75BP-1280-S+
181219

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FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1170.0	3.53	3.50	3.44
1175.0	3.47	3.44	3.38
1180.0	3.41	3.38	3.32
1185.0	3.35	3.32	3.27
1190.0	3.29	3.27	3.22
1195.0	3.25	3.22	3.17
1200.0	3.19	3.17	3.12
1205.0	3.15	3.12	3.07
1210.0	3.10	3.07	3.03
1215.0	3.05	3.02	2.98
1220.0	3.01	2.98	2.94
1225.0	2.96	2.94	2.90
1230.0	2.92	2.90	2.86
1235.0	2.89	2.86	2.83
1240.0	2.85	2.82	2.79
1245.0	2.81	2.79	2.76
1250.0	2.78	2.76	2.73
1255.0	2.75	2.73	2.70
1260.0	2.72	2.70	2.68
1265.0	2.70	2.68	2.66
1270.0	2.67	2.66	2.63
1275.0	2.65	2.63	2.61
1280.0	2.63	2.61	2.59
1285.0	2.61	2.60	2.58
1290.0	2.59	2.58	2.56
1295.0	2.58	2.57	2.55
1300.0	2.56	2.56	2.54
1305.0	2.55	2.54	2.53
1310.0	2.54	2.53	2.52
1315.0	2.53	2.52	2.51
1320.0	2.52	2.52	2.50
1325.0	2.52	2.51	2.49
1330.0	2.51	2.50	2.49
1335.0	2.50	2.49	2.48
1340.0	2.50	2.49	2.48
1345.0	2.50	2.49	2.47
1350.0	2.50	2.49	2.47
1355.0	2.49	2.48	2.46
1360.0	2.49	2.48	2.46
1365.0	2.49	2.48	2.46
1370.0	2.49	2.48	2.47
1375.0	2.49	2.48	2.46
1380.0	2.49	2.48	2.47
1385.0	2.49	2.49	2.48
1390.0	2.50	2.50	2.49