Signal Generator

SSG-1R5GD-RC

Typical Performance Data

Test Conditions: Temperature = +25°C.

Freq. (MHz)	Power deviation from nominal vs. Output Frequency (dB)									
	-55 dBm	-50 dBm	-40 dBm	-30 dBm	-20 dBm	-10 dBm	0 dBm	+10 dBm	+15 dBm	+20 dBm
10	0.43	-0.48	-0.54	-0.50	-0.40	-0.33	-0.37	-0.52	-0.14	-0.19
25	-0.25	-0.24	-0.23	-0.26	-0.19	-0.14	-0.29	-0.27	-0.20	0.41
50	-0.08	-0.09	-0.10	-0.19	-0.12	-0.05	-0.18	-0.26	-0.18	0.03
75	-0.12	-0.11	-0.18	-0.20	-0.17	0.02	-0.06	-0.08	-0.01	0.39
100	0.22	0.01	-0.12	-0.16	-0.07	-0.12	-0.20	-0.20	-0.26	0.13
125	-0.09	-0.14	-0.20	-0.29	-0.14	-0.16	-0.22	-0.26	-0.32	0.08
150	-0.17	-0.20	-0.23	-0.21	-0.07	-0.13	-0.17	-0.24	-0.19	0.17
175	-0.16	-0.18	-0.25	-0.25	-0.02	-0.15	-0.13	-0.26	-0.20	0.10
200	-0.07	-0.10	-0.15	-0.21	-0.04	-0.13	-0.12	-0.17	-0.12	0.12
225	-0.16	-0.19	-0.27	-0.23	-0.15	-0.20	-0.23	-0.28	-0.33	0.00
250	-0.15	-0.19	-0.22	-0.18	-0.11	-0.16	-0.14	-0.18	-0.19	0.06
275	-0.17	-0.18	-0.25	-0.26	-0.18	-0.24	-0.27	-0.27	-0.31	-0.03
300	-0.17	-0.17	-0.17	-0.16	-0.17	-0.26	-0.25	-0.29	-0.28	-0.03
325	-0.14	-0.18	-0.17	0.06	-0.05	-0.13	-0.16	-0.18	-0.12	-0.01
350	-0.21	-0.19	-0.22	0.07	-0.01	-0.07	-0.10	-0.10	-0.05	0.00
375	-0.10	-0.12	-0.12	-0.01	-0.12	-0.19	-0.22	-0.22	-0.21	-0.06
400	-0.09	-0.13	-0.15	-0.11	-0.23	-0.23	-0.26	-0.25	-0.22	-0.03
425	-0.14	-0.13	-0.17	-0.01	-0.11	-0.14	-0.16	-0.15	-0.15	0.03
450	-0.16	-0.17	-0.17	0.05	-0.08	-0.08	-0.10	-0.10	-0.08	0.09
475	-0.20	-0.18	-0.19	-0.11	-0.22	-0.21	-0.26	-0.27	-0.24	-0.07
500	-0.16	-0.10	-0.10	-0.10	-0.24	-0.23	-0.26	-0.23	-0.22	-0.10
550	-0.12	-0.16	-0.15	-0.05	-0.23	-0.20	-0.21	-0.21	-0.19	-0.12
600	-0.11	-0.10	-0.13	-0.18	-0.24	-0.25	-0.27	-0.25	-0.25	-0.10
650	-0.11	-0.14	-0.16	-0.11	-0.16	-0.20	-0.21	-0.19	-0.18	0.03
700	-0.08	-0.06	-0.10	-0.14	-0.23	-0.24	-0.28	-0.25	-0.24	-0.02
750	-0.15	-0.12	-0.12	-0.17	-0.22	-0.18	-0.20	-0.18	-0.16	0.01
800	-0.14	-0.13	-0.14	-0.09	-0.19	-0.22	-0.26	-0.24	-0.23	-0.05
850	-0.14	-0.09	-0.11	-0.11	-0.21	-0.18	-0.21	-0.18	-0.16	-0.02
900	-0.16	-0.11	-0.14	-0.08	-0.18	-0.20	-0.25	-0.21	-0.15	-0.07
950	-0.08	-0.08	-0.07	-0.17	-0.26	-0.20	-0.24	-0.19	-0.17	-0.09
1000	-0.12	-0.13	-0.10	-0.08	-0.18	-0.25	-0.23	-0.20	-0.20	-0.11
1050	-0.04	-0.06	-0.04	-0.19	-0.24	-0.24	-0.25	-0.19	-0.18	-0.12
1075	-0.09	-0.07	-0.08	-0.10	-0.19	-0.20	-0.23	-0.20	-0.18	-0.14
1100	-0.10	-0.06	-0.09	-0.13	-0.18	-0.21	-0.26	-0.22	-0.21	-0.14
1125	-0.01	0.00	-0.02	-0.13	-0.20	-0.18	-0.25	-0.20	-0.18	-0.11
1150	-0.03	-0.05	-0.05	-0.24	-0.24	-0.21	-0.23	-0.20	-0.17	-0.12
1175	-0.09	-0.06	-0.06	-0.14	-0.20	-0.18	-0.22	-0.19	-0.16	-0.10
1200	-0.11	-0.05	-0.10	-0.15	-0.16	-0.21	-0.25	-0.21	-0.16	-0.11
1225	-0.03	0.02	0.01	-0.16	-0.18	-0.17	-0.24	-0.22	-0.15	-0.14
1250	0.02	0.05	0.06	-0.21	-0.29	-0.20	-0.24	-0.21	-0.16	-0.15
1275	-0.02	-0.04	-0.05	-0.13	-0.19	-0.17	-0.20	-0.15	-0.11	-0.01
1300	-0.11	-0.14	-0.12	-0.11	-0.18	-0.23	-0.23	-0.20	-0.16	-0.03
1325	-0.09	-0.12	-0.08	-0.18	-0.23	-0.23	-0.24	-0.21	-0.19	-0.05
1350	-0.09	-0.05	-0.01	-0.24	-0.26	-0.23	-0.23	-0.22	-0.18	-0.06
1375	-0.11	-0.03	-0.07	-0.14	-0.20	-0.20	-0.18	-0.18	-0.15	-0.05
1400	-0.18	-0.11	-0.14	-0.09	-0.17	-0.23	-0.23	-0.18	-0.16	-0.06
1425	-0.05	-0.04	-0.03	-0.07	-0.16	-0.19	-0.21	-0.17	-0.15	-0.04
1450	-0.07	-0.05	-0.06	-0.20	-0.25	-0.24	-0.22	-0.20	-0.17	-0.09
1475	-0.07	-0.06	-0.07	-0.18	-0.22	-0.22	-0.21	-0.19	-0.16	-0.08
1500	-0.09	-0.08	-0.08	-0.16	-0.16	-0.23	-0.22	-0.18	-0.19	-0.07

Signal Generator

Typical Performance Data

Test Conditions: Temperature = +25°C.

Power (dBm)	Power deviation from nominal vs. Output Power (dB)									
	10 MHz	150 MHz	300 MHz	600 MHz	750 MHz	900 MHz	1050 MHz	1200 MHz	1350 MHz	1500 MHz
-55	0.43	-0.17	-0.17	-0.11	-0.15	-0.16	-0.04	-0.11	-0.09	-0.09
-54	0.25	-0.18	-0.17	-0.11	-0.15	-0.15	-0.04	-0.10	-0.08	-0.09
-53	0.07	-0.19	-0.17	-0.11	-0.14	-0.14	-0.05	-0.09	-0.08	-0.09
-52	-0.11	-0.19	-0.17	-0.10	-0.13	-0.13	-0.05	-0.08	-0.07	-0.09
-51	-0.30	-0.20	-0.17	-0.10	-0.13	-0.12	-0.06	-0.06	-0.06	-0.08
-50	-0.48	-0.20	-0.17	-0.10	-0.12	-0.11	-0.06	-0.05	-0.05	-0.08
-48	-0.56	-0.23	-0.17	-0.11	-0.11	-0.12	-0.05	-0.08	-0.06	-0.09
-46	-0.65	-0.25	-0.16	-0.12	-0.10	-0.13	-0.05	-0.11	-0.06	-0.10
-44	-0.66	-0.25	-0.16	-0.13	-0.10	-0.13	-0.04	-0.12	-0.05	-0.10
-42	-0.60	-0.24	-0.17	-0.13	-0.11	-0.14	-0.04	-0.11	-0.03	-0.09
-40	-0.54	-0.23	-0.17	-0.13	-0.12	-0.14	-0.04	-0.10	-0.01	-0.08
-38	-0.49	-0.22	-0.17	-0.10	-0.05	-0.08	-0.01	-0.05	-0.04	-0.06
-36	-0.43	-0.22	-0.17	-0.06	0.01	-0.02	0.02	0.00	-0.07	-0.04
-34	-0.43	-0.22	-0.17	-0.07	0.00	-0.01	-0.01	-0.01	-0.11	-0.06
-32	-0.46	-0.21	-0.17	-0.12	-0.08	-0.04	-0.10	-0.08	-0.18	-0.11
-30	-0.50	-0.21	-0.16	-0.18	-0.17	-0.08	-0.19	-0.15	-0.24	-0.16
-28	-0.50	-0.21	-0.16	-0.17	-0.15	-0.11	-0.23	-0.15	-0.24	-0.15
-26	-0.50	-0.20	-0.15	-0.16	-0.14	-0.14	-0.26	-0.16	-0.24	-0.15
-24	-0.48	-0.17	-0.15	-0.17	-0.15	-0.16	-0.27	-0.16	-0.24	-0.16
-22	-0.44	-0.12	-0.16	-0.20	-0.19	-0.17	-0.26	-0.16	-0.25	-0.16
-20	-0.40	-0.07	-0.17	-0.24	-0.22	-0.18	-0.24	-0.16	-0.26	-0.16
-18	-0.37	-0.06	-0.19	-0.23	-0.21	-0.18	-0.25	-0.20	-0.26	-0.19
-16	-0.35	-0.06	-0.20	-0.22	-0.20	-0.19	-0.26	-0.23	-0.27	-0.22
-14	-0.34	-0.07	-0.22	-0.23	-0.19	-0.20	-0.25	-0.24	-0.27	-0.23
-12	-0.33	-0.10	-0.24	-0.24	-0.18	-0.20	-0.25	-0.22	-0.25	-0.23
-10	-0.33	-0.13	-0.26	-0.25	-0.18	-0.20	-0.24	-0.21	-0.23	-0.23
-8	-0.33	-0.13	-0.25	-0.26	-0.18	-0.22	-0.25	-0.22	-0.23	-0.22
-6	-0.33	-0.12	-0.25	-0.28	-0.18	-0.23	-0.26	-0.23	-0.22	-0.21
-4	-0.34	-0.12	-0.24	-0.29	-0.19	-0.24	-0.27	-0.24	-0.22	-0.21
-2	-0.36	-0.15	-0.25	-0.28	-0.19	-0.25	-0.26	-0.25	-0.22	-0.21
0	-0.37	-0.17	-0.25	-0.27	-0.20	-0.25	-0.25	-0.25	-0.23	-0.22
+2	-0.39	-0.16	-0.26	-0.27	-0.19	-0.24	-0.23	-0.24	-0.22	-0.21
+3	-0.39	-0.16	-0.26	-0.27	-0.18	-0.23	-0.23	-0.23	-0.21	-0.20
+4	-0.40	-0.15	-0.27	-0.27	-0.17	-0.23	-0.22	-0.23	-0.21	-0.19
+5	-0.41	-0.15	-0.27	-0.27	-0.16	-0.22	-0.21	-0.22	-0.20	-0.19
+6	-0.43	-0.17	-0.27	-0.27	-0.17	-0.22	-0.21	-0.22	-0.20	-0.18
+7	-0.45	-0.19	-0.28	-0.26	-0.17	-0.22	-0.20	-0.22	-0.21	-0.18
+8	-0.47	-0.20	-0.28	-0.26	-0.17	-0.22	-0.20	-0.21	-0.21	-0.18
+9	-0.49	-0.22	-0.28	-0.25	-0.18	-0.21	-0.19	-0.21	-0.21	-0.18
+10	-0.52	-0.24	-0.29	-0.25	-0.18	-0.21	-0.19	-0.21	-0.22	-0.18
+11	-0.44	-0.23	-0.29	-0.25	-0.18	-0.20	-0.19	-0.20	-0.21	-0.18
+12	-0.37	-0.22	-0.28	-0.25	-0.17	-0.19	-0.19	-0.19	-0.20	-0.18
+13	-0.29	-0.21	-0.28	-0.25	-0.17	-0.17	-0.18	-0.18	-0.19	-0.18
+14	-0.21	-0.20	-0.28	-0.25	-0.16	-0.16	-0.18	-0.17	-0.19	-0.18
+15	-0.14	-0.19	-0.28	-0.25	-0.16	-0.15	-0.18	-0.16	-0.18	-0.19
+16	-0.15	-0.12	-0.23	-0.22	-0.12	-0.13	-0.17	-0.15	-0.15	-0.16
+17	-0.16	-0.04	-0.18	-0.19	-0.09	-0.12	-0.15	-0.14	-0.13	-0.14
+18	-0.17	0.03	-0.13	-0.16	-0.06	-0.10	-0.14	-0.13	-0.11	-0.12
+19	-0.18	0.10	-0.08	-0.13	-0.02	-0.08	-0.13	-0.12	-0.08	-0.09
+20	-0.19	0.17	-0.03	-0.10	0.01	-0.07	-0.12	-0.11	-0.06	-0.07

Signal Generator

Typical Performance Data

Test Conditions: Temperature = +25°C.

Freq. (MHz)	Harmonics levels vs. Output Frequency (dBc)									
	F2					F3				
	-30 dBm	-20 dBm	0 dBm	+10 dBm	+20 dBm	-30 dBm	-20 dBm	0 dBm	+10 dBm	+20 dBm
10	-49.36	-42.30	-15.14	-9.70	-6.26	-10.34	-8.11	-13.06	-11.05	-24.57
25	-54.67	-47.36	-19.56	-13.27	-10.81	-14.21	-13.64	-14.92	-14.52	-15.94
50	-59.65	-50.63	-24.26	-14.84	-10.49	-16.59	-16.49	-17.60	-19.61	-22.54
75	-54.69	-48.45	-22.04	-13.25	-9.49	-17.15	-17.54	-18.73	-18.45	-20.05
100	-53.00	-19.15	-21.81	-12.99	-9.13	-17.76	-19.38	-19.52	-17.92	-18.05
125	-52.21	-17.94	-22.15	-13.27	-9.31	-17.50	-18.90	-19.74	-17.94	-18.12
150	-51.42	-16.74	-22.50	-13.55	-9.48	-17.24	-18.42	-19.96	-17.96	-18.20
175	-50.20	-16.33	-23.00	-14.18	-9.80	-17.08	-17.70	-19.61	-17.92	-18.19
200	-48.98	-15.92	-23.50	-14.80	-10.12	-16.92	-16.98	-19.27	-17.89	-18.19
225	-47.18	-15.74	-24.00	-15.28	-10.39	-16.37	-16.29	-18.61	-17.49	-18.13
250	-45.37	-15.55	-24.50	-15.77	-10.66	-15.83	-15.60	-17.95	-17.09	-18.08
275	-30.03	-15.66	-25.11	-16.21	-10.85	-14.60	-15.06	-17.24	-16.58	-17.61
300	-14.68	-15.76	-25.72	-16.66	-11.04	-13.37	-14.53	-16.53	-16.08	-17.14
325	-14.81	-15.97	-26.77	-16.68	-11.11	-12.67	-13.97	-15.91	-15.42	-16.60
350	-14.93	-16.19	-27.83	-16.69	-11.18	-11.96	-13.42	-15.29	-14.76	-16.06
375	-15.27	-16.54	-28.96	-16.82	-11.29	-11.55	-12.99	-14.72	-14.29	-15.63
400	-15.61	-16.88	-30.09	-16.94	-11.39	-11.14	-12.57	-14.14	-13.83	-15.20
425	-16.24	-17.36	-31.72	-16.83	-11.44	-10.81	-12.19	-13.73	-13.40	-14.83
450	-16.86	-17.83	-33.35	-16.73	-11.50	-10.49	-11.80	-13.32	-12.97	-14.46
475	-17.23	-18.34	-34.15	-16.68	-11.53	-10.08	-11.47	-12.91	-12.66	-14.04
500	-17.60	-18.85	-34.96	-16.63	-11.57	-9.67	-11.13	-12.50	-12.36	-13.61
550	-18.64	-20.03	-33.81	-16.44	-11.56	-9.05	-10.57	-12.02	-11.89	-13.05
600	-19.56	-21.35	-30.64	-16.35	-11.77	-8.08	-10.04	-11.50	-11.54	-12.76
650	-20.42	-22.55	-27.97	-16.23	-11.98	-7.38	-9.52	-11.16	-11.25	-12.55
700	-21.69	-23.76	-26.36	-16.28	-12.13	-6.91	-9.09	-10.86	-11.09	-12.31
750	-22.26	-24.61	-24.34	-15.89	-12.16	-6.58	-8.63	-10.63	-10.96	-12.20
800	-22.36	-24.78	-22.98	-15.87	-12.34	-5.91	-8.36	-10.61	-11.08	-12.20
850	-21.75	-23.98	-21.85	-15.91	-12.61	-5.30	-8.14	-10.68	-11.14	-12.15
900	-20.79	-22.90	-20.95	-15.88	-12.83	-5.00	-8.01	-10.71	-11.19	-12.08
950	-20.32	-21.74	-20.15	-16.02	-13.18	-4.90	-8.13	-11.07	-11.44	-12.14
1000	-18.23	-19.46	-18.85	-15.86	-13.43	-4.96	-8.36	-11.44	-11.65	-12.15
1050	-15.94	-17.09	-17.55	-15.83	-13.78	-5.30	-8.92	-12.17	-12.13	-12.31
1075	-15.07	-16.23	-17.09	-15.84	-13.97	-5.38	-9.24	-12.54	-12.35	-12.40
1100	-14.20	-15.38	-16.63	-15.84	-14.16	-5.45	-9.56	-12.92	-12.58	-12.49
1125	-13.56	-14.82	-16.28	-15.89	-14.38	-5.65	-9.87	-13.24	-12.84	-12.61
1150	-12.92	-14.27	-15.93	-15.93	-14.59	-5.86	-10.18	-13.56	-13.11	-12.74
1175	-12.61	-13.93	-15.78	-16.03	-14.84	-5.97	-10.38	-13.82	-13.22	-12.76
1200	-12.30	-13.59	-15.64	-16.13	-15.09	-6.09	-10.57	-14.07	-13.33	-12.79
1225	-12.06	-13.35	-15.48	-16.23	-15.30	-6.52	-10.98	-14.46	-13.77	-13.17
1250	-11.82	-13.11	-15.33	-16.33	-15.51	-6.94	-11.38	-14.85	-14.22	-13.56
1275	-9.14	-11.22	-13.10	-13.07	-12.09	-15.43	-19.60	-21.94	-22.19	-23.08
1300	-6.46	-9.32	-10.88	-9.82	-8.66	-23.93	-27.82	-29.04	-30.16	-32.61
1325	-6.38	-9.36	-10.95	-9.93	-8.73	-23.97	-27.72	-28.67	-30.25	-33.48
1350	-6.31	-9.40	-11.02	-10.05	-8.80	-24.02	-27.63	-28.31	-30.34	-34.34
1375	-6.13	-9.34	-11.09	-10.07	-8.82	-24.14	-27.65	-28.17	-30.57	-34.87
1400	-5.94	-9.29	-11.16	-10.08	-8.85	-24.25	-27.68	-28.04	-30.79	-35.39
1425	-5.94	-9.31	-11.23	-10.18	-8.90	-24.49	-27.55	-27.69	-30.66	-35.86
1450	-5.93	-9.33	-11.31	-10.28	-8.96	-24.74	-27.43	-27.33	-30.53	-36.33
1475	-5.85	-9.31	-11.37	-10.33	-8.99	-23.79	-26.23	-26.56	-29.82	-35.66
1500	-5.77	-9.30	-11.43	-10.38	-9.03	-22.84	-25.03	-25.78	-29.10	-34.99

Signal Generator

SSG-1R5GD-RC

Typical Performance Data

Test Conditions: Temperature = +25°C.

Freq. (MHz)	Phase Noise vs. Output Frequency (dBc / Hz)				
	1 kHz	10 kHz	100 kHz	1 MHz	10 MHz
10	-116.05	-120.03	-120.56	-120.61	--
25	-127.30	-129.61	-131.61	-131.82	--
50	-122.80	-136.28	-137.24	-137.36	-137.43
75	-124.27	-136.76	-138.71	-139.44	-139.37
100	-130.13	-136.02	-139.14	-140.09	-140.35
125	-129.65	-135.75	-139.01	-140.28	-140.65
150	-129.17	-135.49	-138.88	-140.47	-140.95
175	-128.69	-135.22	-138.75	-140.66	-141.25
200	-128.21	-134.96	-138.62	-140.86	-141.55
225	-127.73	-134.69	-138.49	-141.05	-141.84
250	-127.25	-134.42	-138.36	-141.24	-142.14
275	-126.77	-134.16	-138.23	-141.43	-142.44
300	-126.29	-133.89	-138.10	-141.62	-142.74
325	-125.67	-133.41	-137.72	-141.44	-142.79
350	-125.05	-132.93	-137.33	-141.25	-142.85
375	-124.43	-132.45	-136.95	-141.07	-142.90
400	-123.81	-131.97	-136.56	-140.88	-142.96
425	-123.19	-131.49	-136.18	-140.70	-143.01
450	-122.58	-131.01	-135.80	-140.51	-143.07
475	-121.96	-130.52	-135.41	-140.33	-143.12
500	-121.34	-130.04	-135.03	-140.14	-143.17
550	-120.10	-129.08	-134.26	-139.77	-143.28
600	-118.86	-128.12	-133.49	-139.40	-143.39
650	-118.17	-127.20	-132.86	-138.80	-143.44
700	-117.48	-126.28	-132.22	-138.21	-143.49
750	-116.79	-125.36	-131.59	-137.61	-143.54
800	-116.09	-124.44	-130.95	-137.01	-143.58
850	-115.40	-123.52	-130.32	-136.42	-143.63
900	-114.71	-122.60	-129.68	-135.82	-143.68
950	-114.57	-122.84	-129.54	-135.87	-143.66
1000	-114.42	-123.09	-129.40	-135.92	-143.64
1050	-114.28	-123.33	-129.26	-135.97	-143.63
1075	-114.21	-123.45	-129.19	-135.99	-143.62
1100	-114.14	-123.57	-129.12	-136.01	-143.61
1125	-114.07	-123.70	-129.05	-136.04	-143.60
1150	-113.99	-123.82	-128.98	-136.06	-143.59
1175	-113.92	-123.94	-128.91	-136.09	-143.58
1200	-113.85	-124.06	-128.84	-136.11	-143.57
1225	-113.63	-123.88	-128.76	-136.11	-143.92
1250	-113.42	-123.70	-128.67	-136.11	-144.28
1275	-113.20	-123.52	-128.59	-136.10	-144.63
1300	-112.98	-123.33	-128.51	-136.10	-144.98
1325	-112.77	-123.15	-128.42	-136.10	-145.33
1350	-112.55	-122.97	-128.34	-136.10	-145.69
1375	-112.33	-122.79	-128.26	-136.09	-146.04
1400	-112.12	-122.61	-128.17	-136.09	-146.39
1425	-111.90	-122.43	-128.09	-136.09	-146.74
1450	-111.68	-122.24	-128.01	-136.09	-147.10
1475	-111.47	-122.06	-127.92	-136.08	-147.45
1500	-111.25	-121.88	-127.84	-136.08	-147.80

Freq. (MHz)	Power (dBM) Max
10	23.32
25	22.84
50	23.24
75	23.72
100	24.14
125	24.29
150	24.24
175	24.20
200	24.17
225	24.15
250	24.14
275	24.14
300	23.93
325	23.58
350	23.37
375	23.23
400	23.18
425	23.26
450	23.40
475	23.47
500	23.47
550	23.55
600	23.57
650	23.72
700	24.04
750	24.39
800	24.80
850	25.13
900	25.10
950	25.19
1000	25.07
1050	24.95
1075	24.97
1100	24.97
1125	24.97
1150	24.94
1175	24.95
1200	24.95
1225	24.96
1250	24.94
1275	23.30
1300	23.23
1325	23.27
1350	23.34
1375	23.34
1400	23.30
1425	23.36
1450	23.42
1475	23.41
1500	23.44

Signal Generator

SSG-1R5GD-RC

Typical Performance Data

Test Conditions: Temperature = +25°C.

Freq. Offsets (kHz)	Phase Noise vs. Offset Frequency (dBc / Hz)					
	10 MHz	300 MHz	600 MHz	900 MHz	1200 MHz	1500 MHz
1	-116.05	-126.29	-118.86	-114.71	-113.85	-111.25
10	-120.03	-133.89	-128.12	-122.60	-124.06	-121.88
100	-120.56	-138.10	-133.49	-129.68	-128.84	-127.84
1000	-120.61	-141.62	-139.40	-135.82	-136.11	-136.08
10000	--	-142.74	-143.39	-143.68	-143.57	-147.80

Freq. (MHz)	Spurious (dBc)	
	Far	Near
10	-67.50	-79.68
25	-68.71	-79.81
50	-68.45	-78.07
75	-69.23	-79.93
100	-69.48	-79.05
125	-69.08	-79.68
150	-68.68	-80.32
175	-68.91	-79.80
200	-69.14	-79.28
225	-69.27	-79.23
250	-69.39	-79.18
275	-68.82	-78.94
300	-68.24	-78.70
325	-68.38	-78.13
350	-68.53	-77.56
375	-68.76	-76.84
400	-69.00	-76.12
425	-68.77	-76.75
450	-68.54	-77.38
475	-68.72	-77.95
500	-68.91	-78.52
550	-68.75	-76.52
600	-68.68	-77.31
650	-68.07	-77.03
700	-68.66	-77.04
750	-69.18	-78.37
800	-69.08	-77.64
850	-69.46	-76.56
900	-69.00	-78.00
950	-67.36	-77.20
1000	-69.01	-75.71
1050	-67.60	-76.18
1075	-68.40	-76.97
1100	-69.20	-77.75
1125	-69.09	-76.69
1150	-68.98	-75.63
1175	-68.78	-74.83
1200	-68.58	-74.03
1225	-68.48	-74.49
1250	-68.37	-74.95
1275	-68.41	-76.06
1300	-68.44	-77.16
1325	-68.79	-76.98
1350	-69.14	-76.80
1375	-68.36	-76.56
1400	-67.58	-76.32
1425	-68.76	-76.48
1450	-69.94	-76.64
1475	-69.02	-76.16
1500	-68.09	-75.68

Note: Spurious was measured in Close offsets of 1 kHz to 100 kHz and Far offsets of 100 kHz to 150 MHz.

Signal Generator

Typical Performance Data

Test Conditions: Temperature = 0°C.

Freq. (MHz)	Power deviation from nominal vs. Output Frequency (dB)									
	-55 dBm	-50 dBm	-40 dBm	-30 dBm	-20 dBm	-10 dBm	0 dBm	+10 dBm	+15 dBm	+20 dBm
10	-0.68	-1.09	-0.60	-0.49	-0.39	-0.24	-0.41	-0.22	-0.73	-0.18
25	-1.15	-0.86	-0.59	-0.51	-0.45	-0.29	-0.59	-0.47	-0.30	-0.46
50	-0.71	-0.67	-0.52	-0.48	-0.41	-0.71	-0.42	-0.44	-0.31	-0.25
75	-0.80	-0.60	-0.53	-0.50	-0.44	-0.44	-0.31	-0.27	-0.25	0.10
100	-0.28	-0.54	-0.53	-0.45	-0.38	-0.45	-0.38	-0.49	-0.36	-0.23
125	-0.54	-0.61	-0.56	-0.54	-0.44	-0.46	-0.47	-0.59	-0.48	-0.25
150	-0.67	-0.70	-0.57	-0.50	-0.70	-0.43	-0.40	-0.47	-0.40	-0.12
175	-0.70	-0.65	-0.59	-0.52	-0.56	-0.42	-0.40	-0.53	-0.43	-0.19
200	-0.62	-0.50	-0.49	-0.50	-0.52	-0.42	-0.38	-0.44	-0.35	-0.17
225	-0.65	-0.62	-0.61	-0.53	-0.66	-0.51	-0.48	-0.53	-0.46	-0.27
250	-0.61	-0.57	-0.60	-0.53	-0.54	-0.44	-0.41	-0.43	-0.31	-0.16
275	-0.67	-0.61	-0.61	-0.56	-0.54	-0.53	-0.53	-0.51	-0.48	-0.19
300	-0.72	-0.63	-0.58	-0.53	-0.50	-0.51	-0.49	-0.48	-0.43	-0.10
325	-0.69	-0.64	-0.60	-0.52	-0.42	-0.39	-0.44	-0.39	-0.35	-0.04
350	-0.66	-0.62	-0.64	-0.52	-0.38	-0.35	-0.37	-0.32	-0.25	0.06
375	-0.60	-0.55	-0.53	-0.45	-0.51	-0.46	-0.44	-0.46	-0.46	-0.04
400	-0.62	-0.55	-0.53	-0.72	-0.55	-0.50	-0.50	-0.53	-0.45	-0.09
425	-0.62	-0.56	-0.54	-0.58	-0.45	-0.42	-0.42	-0.42	-0.34	-0.09
450	-0.62	-0.57	-0.55	-0.58	-0.40	-0.40	-0.35	-0.34	-0.26	-0.06
475	-0.67	-0.61	-0.57	-0.65	-0.58	-0.49	-0.50	-0.52	-0.40	-0.10
500	-0.63	-0.55	-0.50	-0.61	-0.57	-0.44	-0.48	-0.48	-0.37	-0.05
550	-0.60	-0.60	-0.56	-0.66	-0.51	-0.44	-0.37	-0.36	-0.30	0.02
600	-0.66	-0.60	-0.53	-0.77	-0.52	-0.53	-0.57	-0.54	-0.49	-0.07
650	-0.56	-0.58	-0.59	-0.50	-0.54	-0.51	-0.46	-0.48	-0.38	-0.01
700	-0.50	-0.51	-0.51	-0.68	-0.58	-0.51	-0.56	-0.57	-0.45	-0.07
750	-0.61	-0.56	-0.55	-0.57	-0.48	-0.49	-0.48	-0.50	-0.40	-0.04
800	-0.52	-0.51	-0.55	-0.57	-0.53	-0.50	-0.52	-0.53	-0.43	-0.11
850	-0.60	-0.59	-0.57	-0.50	-0.51	-0.44	-0.40	-0.41	-0.42	-0.15
900	-0.61	-0.61	-0.59	-0.66	-0.47	-0.48	-0.55	-0.52	-0.39	-0.18
950	-0.59	-0.59	-0.51	-0.68	-0.63	-0.50	-0.57	-0.59	-0.44	-0.19
1000	-0.53	-0.56	-0.55	-0.62	-0.61	-0.51	-0.54	-0.59	-0.41	-0.10
1050	-0.52	-0.48	-0.46	-0.72	-0.65	-0.55	-0.55	-0.57	-0.41	-0.13
1075	-0.59	-0.54	-0.49	-0.59	-0.60	-0.56	-0.58	-0.57	-0.42	-0.13
1100	-0.65	-0.62	-0.49	-0.53	-0.61	-0.54	-0.59	-0.57	-0.45	-0.14
1125	-0.56	-0.51	-0.43	-0.56	-0.65	-0.51	-0.58	-0.56	-0.47	-0.08
1150	-0.58	-0.50	-0.48	-0.66	-0.68	-0.55	-0.59	-0.57	-0.50	-0.06
1175	-0.59	-0.54	-0.49	-0.57	-0.63	-0.56	-0.59	-0.55	-0.46	-0.08
1200	-0.61	-0.57	-0.51	-0.57	-0.63	-0.58	-0.60	-0.54	-0.46	-0.13
1225	-0.50	-0.45	-0.40	-0.56	-0.68	-0.53	-0.57	-0.53	-0.43	-0.17
1250	-0.45	-0.43	-0.35	-0.62	-0.78	-0.58	-0.58	-0.48	-0.36	-0.18
1275	-0.56	-0.51	-0.54	-0.63	-0.57	-0.45	-0.52	-0.45	-0.39	0.26
1300	-0.68	-0.63	-0.58	-0.61	-0.58	-0.54	-0.52	-0.47	-0.43	0.25
1325	-0.67	-0.60	-0.58	-0.65	-0.61	-0.52	-0.56	-0.51	-0.42	0.23
1350	-0.58	-0.52	-0.51	-0.65	-0.59	-0.46	-0.57	-0.58	-0.36	0.28
1375	-0.60	-0.58	-0.54	-0.54	-0.53	-0.43	-0.47	-0.49	-0.34	0.27
1400	-0.72	-0.62	-0.61	-0.46	-0.53	-0.46	-0.45	-0.47	-0.33	0.20
1425	-0.64	-0.55	-0.50	-0.50	-0.50	-0.48	-0.47	-0.42	-0.31	0.26
1450	-0.57	-0.60	-0.50	-0.62	-0.60	-0.55	-0.57	-0.50	-0.33	0.27
1475	-0.51	-0.55	-0.53	-0.61	-0.56	-0.52	-0.55	-0.48	-0.37	0.24
1500	-0.50	-0.56	-0.56	-0.56	-0.52	-0.52	-0.55	-0.49	-0.42	0.17

Signal Generator

Typical Performance Data

Test Conditions: Temperature = 0°C.

Power (dBm)	Power deviation from nominal vs. Output Power (dB)									
	10 MHz	150 MHz	300 MHz	600 MHz	750 MHz	900 MHz	1050 MHz	1200 MHz	1350 MHz	1500 MHz
-55	-0.68	-0.67	-0.72	-0.66	-0.61	-0.61	-0.52	-0.61	-0.58	-0.50
-54	-0.76	-0.67	-0.70	-0.65	-0.60	-0.61	-0.51	-0.60	-0.57	-0.51
-53	-0.84	-0.68	-0.68	-0.63	-0.59	-0.61	-0.50	-0.59	-0.56	-0.52
-52	-0.92	-0.69	-0.67	-0.62	-0.58	-0.61	-0.50	-0.58	-0.54	-0.54
-51	-1.01	-0.70	-0.65	-0.61	-0.57	-0.61	-0.49	-0.58	-0.53	-0.55
-50	-1.09	-0.70	-0.63	-0.60	-0.56	-0.61	-0.48	-0.57	-0.52	-0.56
-48	-0.99	-0.65	-0.61	-0.56	-0.55	-0.60	-0.48	-0.55	-0.54	-0.56
-46	-0.90	-0.60	-0.59	-0.53	-0.53	-0.58	-0.48	-0.53	-0.55	-0.57
-44	-0.80	-0.57	-0.58	-0.52	-0.53	-0.58	-0.47	-0.52	-0.55	-0.56
-42	-0.70	-0.57	-0.58	-0.52	-0.54	-0.58	-0.46	-0.52	-0.53	-0.56
-40	-0.60	-0.57	-0.58	-0.53	-0.55	-0.59	-0.46	-0.51	-0.51	-0.56
-38	-0.57	-0.56	-0.56	-0.51	-0.52	-0.54	-0.44	-0.48	-0.55	-0.54
-36	-0.54	-0.54	-0.55	-0.49	-0.49	-0.50	-0.43	-0.45	-0.60	-0.51
-34	-0.52	-0.53	-0.54	-0.54	-0.50	-0.51	-0.48	-0.46	-0.63	-0.51
-32	-0.51	-0.51	-0.54	-0.66	-0.53	-0.58	-0.60	-0.52	-0.64	-0.53
-30	-0.49	-0.50	-0.53	-0.77	-0.57	-0.66	-0.72	-0.57	-0.65	-0.56
-28	-0.47	-0.47	-0.53	-0.68	-0.55	-0.59	-0.68	-0.56	-0.65	-0.54
-26	-0.44	-0.44	-0.53	-0.58	-0.52	-0.52	-0.65	-0.55	-0.65	-0.53
-24	-0.42	-0.48	-0.52	-0.53	-0.51	-0.49	-0.63	-0.56	-0.64	-0.52
-22	-0.41	-0.59	-0.51	-0.53	-0.50	-0.48	-0.64	-0.60	-0.62	-0.52
-20	-0.39	-0.70	-0.50	-0.52	-0.48	-0.47	-0.65	-0.63	-0.59	-0.52
-18	-0.36	-0.63	-0.52	-0.57	-0.49	-0.51	-0.63	-0.63	-0.58	-0.52
-16	-0.34	-0.55	-0.54	-0.61	-0.49	-0.54	-0.62	-0.62	-0.56	-0.52
-14	-0.31	-0.50	-0.54	-0.61	-0.49	-0.55	-0.60	-0.61	-0.53	-0.52
-12	-0.27	-0.46	-0.52	-0.57	-0.49	-0.52	-0.57	-0.59	-0.49	-0.52
-10	-0.24	-0.43	-0.51	-0.53	-0.49	-0.48	-0.55	-0.58	-0.46	-0.52
-8	-0.23	-0.42	-0.50	-0.54	-0.47	-0.50	-0.54	-0.58	-0.47	-0.51
-6	-0.21	-0.41	-0.49	-0.54	-0.45	-0.51	-0.54	-0.59	-0.49	-0.49
-4	-0.24	-0.41	-0.49	-0.55	-0.45	-0.52	-0.54	-0.60	-0.51	-0.50
-2	-0.32	-0.40	-0.49	-0.56	-0.47	-0.54	-0.55	-0.60	-0.54	-0.52
0	-0.41	-0.40	-0.49	-0.57	-0.48	-0.55	-0.55	-0.60	-0.57	-0.55
+2	-0.42	-0.42	-0.51	-0.57	-0.50	-0.56	-0.56	-0.58	-0.59	-0.56
+3	-0.43	-0.42	-0.52	-0.57	-0.50	-0.56	-0.56	-0.57	-0.59	-0.57
+4	-0.43	-0.43	-0.53	-0.57	-0.51	-0.56	-0.56	-0.56	-0.60	-0.57
+5	-0.44	-0.44	-0.54	-0.57	-0.52	-0.57	-0.56	-0.55	-0.61	-0.58
+6	-0.40	-0.45	-0.52	-0.57	-0.51	-0.56	-0.56	-0.55	-0.61	-0.56
+7	-0.35	-0.45	-0.51	-0.56	-0.51	-0.55	-0.56	-0.55	-0.60	-0.54
+8	-0.31	-0.46	-0.50	-0.55	-0.51	-0.54	-0.57	-0.55	-0.59	-0.53
+9	-0.27	-0.46	-0.49	-0.55	-0.51	-0.53	-0.57	-0.54	-0.59	-0.51
+10	-0.22	-0.47	-0.48	-0.54	-0.50	-0.52	-0.57	-0.54	-0.58	-0.49
+11	-0.33	-0.45	-0.47	-0.53	-0.48	-0.49	-0.54	-0.53	-0.54	-0.48
+12	-0.43	-0.44	-0.46	-0.52	-0.46	-0.47	-0.51	-0.51	-0.49	-0.46
+13	-0.53	-0.43	-0.45	-0.51	-0.44	-0.44	-0.48	-0.49	-0.45	-0.45
+14	-0.63	-0.41	-0.44	-0.50	-0.42	-0.42	-0.44	-0.48	-0.40	-0.43
+15	-0.73	-0.40	-0.43	-0.49	-0.40	-0.39	-0.41	-0.46	-0.36	-0.42
+16	-0.62	-0.34	-0.37	-0.41	-0.33	-0.35	-0.36	-0.39	-0.23	-0.30
+17	-0.51	-0.29	-0.30	-0.33	-0.25	-0.31	-0.30	-0.33	-0.11	-0.18
+18	-0.40	-0.23	-0.24	-0.24	-0.18	-0.27	-0.24	-0.26	0.02	-0.06
+19	-0.29	-0.18	-0.17	-0.16	-0.11	-0.22	-0.19	-0.19	0.15	0.06
+20	-0.18	-0.12	-0.10	-0.07	-0.04	-0.18	-0.13	-0.13	0.28	0.17

Signal Generator

Typical Performance Data

Test Conditions: Temperature = 0°C.

Freq. (MHz)	Harmonics levels vs. Output Frequency (dBc)									
	F2					F3				
	-30 dBm	-20 dBm	0 dBm	+10 dBm	+20 dBm	-30 dBm	-20 dBm	0 dBm	+10 dBm	+20 dBm
10	-51.93	-42.80	-14.54	-9.28	-6.09	-10.58	-8.72	-12.96	-10.88	-22.42
25	-54.69	-47.85	-18.56	-12.60	-9.87	-14.33	-13.86	-14.93	-14.30	-15.32
50	-68.15	-50.90	-23.83	-14.51	-10.51	-16.58	-16.47	-17.71	-20.03	-23.10
75	-54.39	-48.37	-21.65	-12.90	-9.28	-17.06	-17.45	-18.74	-18.49	-19.12
100	-53.29	-47.45	-21.22	-12.59	-8.88	-17.65	-17.88	-19.47	-17.76	-17.20
125	-52.43	-31.91	-21.59	-12.86	-9.02	-17.37	-18.11	-19.73	-17.77	-17.27
150	-51.57	-16.37	-21.97	-13.14	-9.16	-17.09	-18.34	-20.00	-17.78	-17.35
175	-50.63	-15.96	-22.52	-13.79	-9.50	-16.98	-17.61	-19.70	-17.81	-17.45
200	-49.68	-15.55	-23.07	-14.44	-9.84	-16.87	-16.88	-19.41	-17.84	-17.54
225	-48.16	-15.36	-23.59	-14.93	-10.13	-16.30	-16.18	-18.75	-17.47	-17.55
250	-46.63	-15.17	-24.11	-15.43	-10.42	-15.73	-15.47	-18.09	-17.09	-17.56
275	-45.13	-15.25	-24.74	-15.81	-10.63	-15.39	-14.93	-17.36	-16.57	-17.29
300	-43.62	-15.33	-25.38	-16.20	-10.85	-15.05	-14.39	-16.62	-16.06	-17.03
325	-42.12	-15.51	-26.42	-16.29	-10.96	-14.42	-13.83	-15.97	-15.40	-16.62
350	-40.62	-15.70	-27.45	-16.38	-11.06	-13.78	-13.27	-15.32	-14.74	-16.21
375	-27.87	-16.04	-28.63	-16.52	-11.13	-12.32	-12.83	-14.72	-14.26	-15.63
400	-15.12	-16.38	-29.81	-16.67	-11.21	-10.86	-12.40	-14.11	-13.78	-15.04
425	-15.73	-16.81	-31.55	-16.59	-11.25	-10.54	-12.00	-13.68	-13.32	-14.58
450	-16.35	-17.24	-33.29	-16.51	-11.28	-10.23	-11.61	-13.25	-12.86	-14.12
475	-16.68	-17.71	-34.67	-16.47	-11.36	-9.80	-11.25	-12.82	-12.54	-13.85
500	-17.00	-18.18	-36.05	-16.44	-11.44	-9.38	-10.90	-12.39	-12.23	-13.58
550	-18.02	-19.32	-35.38	-16.14	-11.47	-8.70	-10.32	-11.86	-11.73	-13.04
600	-18.92	-20.63	-32.18	-16.18	-11.63	-7.65	-9.79	-11.31	-11.35	-12.60
650	-19.86	-21.88	-29.03	-16.08	-11.84	-6.97	-9.20	-10.90	-10.99	-12.33
700	-21.33	-23.30	-27.23	-16.11	-12.00	-6.47	-8.73	-10.55	-10.80	-12.07
750	-22.26	-24.67	-24.98	-15.72	-12.04	-6.06	-8.20	-10.26	-10.62	-11.94
800	-22.85	-25.60	-23.55	-15.70	-12.22	-5.34	-7.86	-10.17	-10.71	-11.92
850	-22.81	-25.47	-22.29	-15.76	-12.48	-4.64	-7.57	-10.19	-10.75	-11.80
900	-21.99	-24.56	-21.39	-15.75	-12.71	-4.22	-7.37	-10.16	-10.79	-11.74
950	-21.65	-23.37	-20.50	-15.86	-13.07	-4.06	-7.41	-10.44	-10.98	-11.82
1000	-19.37	-20.63	-19.05	-15.65	-13.33	-4.05	-7.50	-10.73	-11.12	-11.85
1050	-16.76	-17.86	-17.72	-15.62	-13.69	-4.24	-7.91	-11.36	-11.56	-11.99
1075	-15.76	-16.89	-17.24	-15.65	-13.89	-4.32	-8.21	-11.74	-11.80	-12.09
1100	-14.75	-15.92	-16.76	-15.68	-14.10	-4.39	-8.50	-12.11	-12.04	-12.20
1125	-14.06	-15.30	-16.42	-15.74	-14.32	-4.54	-8.77	-12.43	-12.32	-12.34
1150	-13.38	-14.69	-16.08	-15.80	-14.55	-4.68	-9.04	-12.74	-12.59	-12.48
1175	-13.06	-14.33	-15.94	-15.92	-14.81	-4.83	-9.26	-13.04	-12.73	-12.50
1200	-12.75	-13.96	-15.80	-16.05	-15.07	-4.97	-9.48	-13.34	-12.87	-12.53
1225	-12.49	-13.71	-15.67	-16.19	-15.29	-5.44	-9.94	-13.80	-13.35	-12.94
1250	-12.24	-13.46	-15.53	-16.33	-15.50	-5.92	-10.41	-14.25	-13.83	-13.35
1275	-8.82	-10.90	-12.85	-12.80	-11.96	-13.91	-18.51	-22.30	-23.05	-22.93
1300	-5.41	-8.34	-10.17	-9.27	-8.42	-21.91	-26.61	-30.34	-32.27	-32.52
1325	-5.37	-8.46	-10.31	-9.44	-8.52	-22.23	-27.11	-30.17	-32.39	-33.32
1350	-5.33	-8.57	-10.45	-9.61	-8.62	-22.54	-27.62	-30.00	-32.52	-34.11
1375	-5.22	-8.58	-10.59	-9.66	-8.65	-22.84	-28.05	-29.94	-32.73	-34.59
1400	-5.12	-8.59	-10.73	-9.71	-8.67	-23.14	-28.48	-29.88	-32.95	-35.06
1425	-5.14	-8.66	-10.85	-9.86	-8.75	-23.73	-28.96	-29.55	-32.67	-35.37
1450	-5.17	-8.73	-10.98	-10.00	-8.84	-24.32	-29.44	-29.22	-32.39	-35.69
1475	-5.12	-8.76	-11.10	-10.08	-8.88	-23.92	-28.24	-28.21	-31.46	-35.09
1500	-5.07	-8.79	-11.22	-10.16	-8.92	-23.51	-27.04	-27.21	-30.53	-34.49

Signal Generator

Typical Performance Data

Test Conditions: Temperature = 0°C.

Freq. (MHz)	Phase Noise vs. Output Frequency (dBc / Hz)				
	1 kHz	10 kHz	100 kHz	1 MHz	10 MHz
10	-115.12	-118.79	-120.15	-120.26	--
25	-124.80	-129.04	-131.49	-131.96	--
50	-129.45	-135.54	-137.11	-137.85	-137.66
75	-129.41	-135.57	-138.64	-139.87	-139.91
100	-128.49	-135.96	-139.42	-140.49	-140.72
125	-128.17	-135.69	-139.31	-140.65	-140.99
150	-127.85	-135.43	-139.21	-140.80	-141.26
175	-127.52	-135.16	-139.10	-140.96	-141.52
200	-127.20	-134.90	-139.00	-141.11	-141.79
225	-126.88	-134.63	-138.89	-141.27	-142.06
250	-126.56	-134.36	-138.78	-141.42	-142.33
275	-126.23	-134.10	-138.68	-141.58	-142.59
300	-125.91	-133.83	-138.57	-141.73	-142.86
325	-125.37	-133.30	-138.21	-141.54	-142.91
350	-124.83	-132.78	-137.85	-141.36	-142.96
375	-124.29	-132.25	-137.49	-141.17	-143.01
400	-123.75	-131.72	-137.12	-140.98	-143.06
425	-123.21	-131.20	-136.76	-140.79	-143.11
450	-122.68	-130.67	-136.40	-140.61	-143.17
475	-122.14	-130.14	-136.04	-140.42	-143.22
500	-121.60	-129.62	-135.68	-140.23	-143.27
550	-120.52	-128.56	-134.95	-139.86	-143.37
600	-119.44	-127.51	-134.23	-139.48	-143.47
650	-118.92	-126.85	-133.51	-138.81	-143.43
700	-118.40	-126.18	-132.79	-138.15	-143.39
750	-117.89	-125.52	-132.07	-137.48	-143.35
800	-117.37	-124.86	-131.35	-136.81	-143.31
850	-116.85	-124.19	-130.63	-136.15	-143.27
900	-116.33	-123.53	-129.91	-135.48	-143.23
950	-116.10	-123.68	-129.85	-135.58	-143.25
1000	-115.87	-123.83	-129.79	-135.67	-143.28
1050	-115.64	-123.98	-129.74	-135.77	-143.30
1075	-115.52	-124.06	-129.71	-135.81	-143.31
1100	-115.40	-124.13	-129.68	-135.86	-143.32
1125	-115.29	-124.21	-129.65	-135.91	-143.34
1150	-115.17	-124.28	-129.62	-135.96	-143.35
1175	-115.06	-124.36	-129.59	-136.00	-143.36
1200	-114.94	-124.43	-129.56	-136.05	-143.37
1225	-114.64	-124.33	-129.46	-136.09	-143.73
1250	-114.35	-124.24	-129.35	-136.14	-144.08
1275	-114.05	-124.14	-129.25	-136.18	-144.44
1300	-113.75	-124.04	-129.14	-136.23	-144.79
1325	-113.45	-123.94	-129.04	-136.27	-145.15
1350	-113.16	-123.85	-128.93	-136.32	-145.51
1375	-112.86	-123.75	-128.83	-136.36	-145.86
1400	-112.56	-123.65	-128.72	-136.40	-146.22
1425	-112.26	-123.55	-128.62	-136.45	-146.57
1450	-111.97	-123.46	-128.51	-136.49	-146.93
1475	-111.67	-123.36	-128.41	-136.54	-147.28
1500	-111.37	-123.26	-128.30	-136.58	-147.64

Freq. (MHz)	Power (dBM) Max
10	24.91
25	24.92
50	25.04
75	23.36
100	23.03
125	23.13
150	23.23
175	23.33
200	23.43
225	23.54
250	23.64
275	23.75
300	23.85
325	23.96
350	24.06
375	24.15
400	24.23
425	24.30
450	24.48
475	24.44
500	24.43
550	24.40
600	24.41
650	24.13
700	23.61
750	23.55
800	23.66
850	23.66
900	23.73
950	23.87
1000	24.13
1050	24.56
1075	24.73
1100	24.96
1125	25.11
1150	25.16
1175	25.30
1200	25.36
1225	25.21
1250	25.20
1275	23.41
1300	23.35
1325	23.38
1350	23.46
1375	23.46
1400	23.42
1425	23.48
1450	23.53
1475	23.52
1500	23.57

Signal Generator

Typical Performance Data

Test Conditions: Temperature = 0°C.

Freq. Offsets (kHz)	Phase Noise vs. Offset Frequency (dBc / Hz)					
	10 MHz	300 MHz	600 MHz	900 MHz	1200 MHz	1500 MHz
1	-115.12	-125.91	-119.44	-116.33	-114.94	-111.37
10	-118.79	-133.83	-127.51	-123.53	-124.43	-123.26
100	-120.15	-138.57	-134.23	-129.91	-129.56	-128.30
1000	-120.26	-141.73	-139.48	-135.48	-136.05	-136.58
10000	--	-142.86	-143.47	-143.23	-143.37	-147.64

Freq. (MHz)	Spurious (dBc)	
	Far	Near
10	-67.86	-80.22
25	-69.35	-79.09
50	-69.37	-79.18
75	-69.62	-78.97
100	-68.01	-80.53
125	-68.76	-80.67
150	-69.51	-80.81
175	-68.81	-79.71
200	-68.10	-78.61
225	-68.56	-78.11
250	-69.01	-77.60
275	-68.79	-78.50
300	-68.56	-79.39
325	-68.69	-78.15
350	-68.81	-76.91
375	-68.77	-76.77
400	-68.74	-76.64
425	-68.43	-77.89
450	-68.13	-79.14
475	-68.09	-77.82
500	-68.06	-76.50
550	-69.07	-78.39
600	-67.86	-75.93
650	-68.03	-76.50
700	-68.44	-78.04
750	-67.89	-76.15
800	-68.24	-78.65
850	-67.83	-77.53
900	-68.33	-77.23
950	-68.38	-78.41
1000	-68.01	-78.02
1050	-68.14	-78.14
1075	-68.35	-77.91
1100	-68.56	-77.67
1125	-68.11	-77.13
1150	-67.66	-76.59
1175	-68.00	-77.25
1200	-68.33	-77.91
1225	-68.40	-77.73
1250	-68.47	-77.55
1275	-68.46	-77.66
1300	-68.46	-77.76
1325	-68.23	-77.99
1350	-68.00	-78.21
1375	-68.56	-76.96
1400	-69.12	-75.71
1425	-68.87	-75.67
1450	-68.62	-75.63
1475	-68.41	-76.44
1500	-68.20	-77.25

Note: Spurious was measured in Close offsets of 1 kHz to 100 kHz and Far offsets of 100 kHz to 150 MHz.

Signal Generator

Typical Performance Data

Test Conditions: Temperature = +50°C.

Freq. (MHz)	Power deviation from nominal vs. Output Frequency (dB)									
	-55 dBm	-50 dBm	-40 dBm	-30 dBm	-20 dBm	-10 dBm	0 dBm	+10 dBm	+15 dBm	+20 dBm
10	-0.90	-0.20	-0.62	-0.44	-0.25	0.11	-0.20	-0.33	-0.20	0.08
25	-0.08	-0.08	-0.16	-0.19	-0.12	-0.06	-0.36	-0.80	0.16	0.96
50	-0.05	-0.09	-0.11	-0.15	0.21	-0.06	-0.28	-0.54	-0.40	0.74
75	-0.12	-0.17	-0.14	-0.21	0.30	0.04	-0.17	-0.31	-0.06	0.68
100	0.01	0.03	-0.12	-0.16	0.07	-0.04	-0.28	-0.49	-0.31	0.46
125	-0.17	-0.10	-0.19	-0.27	0.04	-0.11	-0.30	-0.51	-0.46	0.18
150	-0.21	-0.22	-0.23	-0.22	-0.01	-0.11	-0.19	-0.35	-0.35	0.04
175	-0.20	-0.19	-0.24	-0.27	0.04	-0.11	-0.23	-0.33	-0.36	-0.02
200	-0.06	-0.14	-0.13	0.26	0.03	-0.07	-0.21	-0.23	-0.24	0.05
225	-0.15	-0.19	-0.26	0.22	-0.07	-0.19	-0.29	-0.35	-0.46	-0.09
250	-0.06	-0.25	-0.27	0.28	-0.04	-0.13	-0.20	-0.29	-0.36	-0.08
275	-0.22	-0.29	-0.28	0.20	-0.09	-0.23	-0.29	-0.33	-0.43	-0.19
300	-0.29	-0.23	-0.24	0.20	-0.13	-0.22	-0.29	-0.29	-0.38	-0.22
325	-0.27	-0.22	-0.22	0.27	0.04	-0.11	-0.19	-0.22	-0.29	-0.10
350	-0.30	-0.23	-0.27	0.24	0.09	-0.09	-0.12	-0.13	-0.22	0.01
375	-0.15	-0.19	-0.16	0.15	-0.07	-0.19	-0.24	-0.29	-0.34	-0.15
400	-0.08	-0.20	-0.17	0.05	-0.15	-0.22	-0.27	-0.27	-0.35	-0.22
425	-0.13	-0.19	-0.19	0.17	-0.08	-0.17	-0.17	-0.17	-0.24	-0.16
450	-0.17	-0.17	-0.24	0.18	-0.03	-0.09	-0.12	-0.12	-0.21	-0.08
475	-0.17	-0.18	-0.22	0.00	-0.19	-0.15	-0.22	-0.29	-0.37	-0.17
500	-0.11	-0.12	-0.12	0.04	-0.16	-0.12	-0.19	-0.29	-0.36	-0.14
550	-0.20	-0.22	-0.17	0.08	-0.18	-0.17	-0.10	-0.16	-0.31	-0.17
600	-0.18	-0.11	-0.16	0.11	-0.14	-0.22	-0.26	-0.28	-0.35	-0.27
650	-0.12	-0.13	-0.17	0.09	-0.06	-0.15	-0.16	-0.23	-0.29	-0.25
700	-0.10	-0.13	-0.13	-0.02	-0.15	-0.17	-0.22	-0.27	-0.36	-0.36
750	-0.14	-0.13	-0.15	0.12	-0.04	-0.10	-0.13	-0.18	-0.29	-0.26
800	-0.08	-0.16	-0.14	0.02	-0.16	-0.19	-0.16	-0.21	-0.33	-0.27
850	-0.16	-0.12	-0.11	0.08	-0.05	-0.09	-0.04	-0.19	-0.28	-0.23
900	-0.16	-0.15	-0.14	0.05	-0.14	-0.14	-0.17	-0.20	-0.32	-0.26
950	-0.15	-0.08	-0.13	0.01	-0.14	-0.18	-0.18	-0.22	-0.35	-0.28
1000	-0.16	-0.14	-0.15	0.09	-0.11	-0.13	-0.14	-0.18	-0.39	-0.31
1050	-0.06	-0.10	-0.11	-0.05	-0.14	-0.16	-0.16	-0.21	-0.31	-0.28
1075	-0.14	-0.10	-0.11	0.04	-0.09	-0.13	-0.15	-0.20	-0.28	-0.29
1100	-0.17	-0.10	-0.12	0.08	-0.10	-0.14	-0.14	-0.21	-0.28	-0.31
1125	-0.06	-0.05	-0.05	0.09	-0.09	-0.10	-0.13	-0.22	-0.28	-0.28
1150	-0.08	-0.07	-0.08	0.07	-0.17	-0.13	-0.17	-0.23	-0.27	-0.25
1175	-0.08	-0.06	-0.08	0.16	-0.12	-0.09	-0.12	-0.17	-0.22	-0.19
1200	-0.10	-0.08	-0.09	0.15	-0.10	-0.08	-0.13	-0.16	-0.26	-0.19
1225	0.00	0.00	0.02	0.10	-0.13	-0.09	-0.08	-0.10	-0.29	-0.25
1250	0.06	0.02	0.07	0.06	-0.18	-0.12	-0.05	-0.06	-0.29	-0.31
1275	0.00	-0.03	0.26	-0.08	-0.15	-0.14	-0.13	-0.19	-0.41	-0.51
1300	-0.12	-0.14	0.21	-0.08	-0.20	-0.22	-0.14	-0.22	-0.44	-0.58
1325	-0.05	-0.09	-0.07	-0.16	-0.24	-0.24	-0.21	-0.25	-0.44	-0.60
1350	0.02	-0.02	-0.02	-0.20	-0.28	-0.22	-0.24	-0.22	-0.38	-0.57
1375	-0.03	-0.04	-0.05	-0.07	-0.26	-0.23	-0.18	-0.16	-0.40	-0.59
1400	-0.15	-0.10	-0.12	-0.04	-0.28	-0.27	-0.20	-0.18	-0.48	-0.61
1425	-0.06	-0.03	-0.06	-0.04	-0.25	-0.24	-0.22	-0.18	-0.44	-0.57
1450	-0.03	-0.05	-0.05	-0.18	-0.33	-0.29	-0.31	-0.23	-0.43	-0.59
1475	0.00	-0.01	-0.05	-0.11	-0.32	-0.29	-0.27	-0.24	-0.44	-0.59
1500	-0.02	-0.05	-0.07	-0.07	-0.27	-0.28	-0.27	-0.31	-0.50	-0.63

Signal Generator

Typical Performance Data

Test Conditions: Temperature = +50°C.

Power (dBm)	Power deviation from nominal vs. Output Power (dB)									
	10 MHz	150 MHz	300 MHz	600 MHz	750 MHz	900 MHz	1050 MHz	1200 MHz	1350 MHz	1500 MHz
-55	-0.90	-0.21	-0.29	-0.18	-0.14	-0.16	-0.06	-0.10	0.02	-0.02
-54	-0.76	-0.21	-0.28	-0.17	-0.14	-0.15	-0.07	-0.10	0.01	-0.03
-53	-0.62	-0.21	-0.27	-0.15	-0.13	-0.15	-0.08	-0.09	0.00	-0.03
-52	-0.48	-0.21	-0.26	-0.14	-0.13	-0.15	-0.09	-0.09	-0.01	-0.04
-51	-0.34	-0.21	-0.25	-0.12	-0.13	-0.15	-0.09	-0.09	-0.01	-0.04
-50	-0.20	-0.22	-0.23	-0.11	-0.13	-0.15	-0.10	-0.08	-0.02	-0.05
-48	-0.35	-0.22	-0.24	-0.13	-0.13	-0.15	-0.09	-0.10	-0.03	-0.05
-46	-0.50	-0.22	-0.24	-0.15	-0.14	-0.16	-0.07	-0.11	-0.04	-0.05
-44	-0.58	-0.23	-0.24	-0.16	-0.14	-0.16	-0.07	-0.11	-0.04	-0.05
-42	-0.60	-0.23	-0.24	-0.16	-0.15	-0.15	-0.09	-0.10	-0.03	-0.06
-40	-0.62	-0.23	-0.24	-0.16	-0.15	-0.14	-0.11	-0.09	-0.02	-0.07
-38	-0.60	-0.22	0.01	-0.04	0.03	-0.04	0.02	0.05	0.00	-0.03
-36	-0.59	-0.21	0.26	0.08	0.21	0.07	0.15	0.18	0.02	0.00
-34	-0.55	-0.21	0.35	0.14	0.26	0.11	0.17	0.23	-0.01	0.00
-32	-0.50	-0.22	0.28	0.12	0.19	0.08	0.06	0.19	-0.10	-0.03
-30	-0.44	-0.22	0.20	0.11	0.12	0.05	-0.05	0.15	-0.20	-0.07
-28	-0.47	-0.14	0.11	0.09	0.08	0.01	-0.05	0.08	-0.21	-0.12
-26	-0.49	-0.06	0.02	0.07	0.04	-0.04	-0.05	0.01	-0.22	-0.17
-24	-0.45	-0.02	-0.04	0.02	0.00	-0.08	-0.07	-0.04	-0.24	-0.21
-22	-0.35	-0.01	-0.09	-0.06	-0.02	-0.11	-0.10	-0.07	-0.26	-0.24
-20	-0.25	-0.01	-0.13	-0.14	-0.04	-0.14	-0.14	-0.10	-0.28	-0.27
-18	-0.24	-0.02	-0.16	-0.16	-0.10	-0.15	-0.18	-0.12	-0.28	-0.27
-16	-0.23	-0.04	-0.18	-0.19	-0.15	-0.15	-0.22	-0.13	-0.29	-0.28
-14	-0.15	-0.06	-0.20	-0.21	-0.16	-0.15	-0.22	-0.13	-0.28	-0.28
-12	-0.02	-0.08	-0.21	-0.21	-0.13	-0.15	-0.19	-0.10	-0.25	-0.28
-10	0.11	-0.11	-0.22	-0.22	-0.10	-0.14	-0.16	-0.08	-0.22	-0.28
-8	0.04	-0.14	-0.24	-0.22	-0.11	-0.17	-0.17	-0.09	-0.23	-0.27
-6	-0.03	-0.16	-0.26	-0.22	-0.13	-0.20	-0.17	-0.10	-0.23	-0.27
-4	-0.09	-0.18	-0.27	-0.23	-0.13	-0.21	-0.18	-0.11	-0.23	-0.27
-2	-0.14	-0.19	-0.28	-0.24	-0.13	-0.19	-0.17	-0.12	-0.24	-0.27
0	-0.20	-0.19	-0.29	-0.26	-0.13	-0.17	-0.16	-0.13	-0.24	-0.27
+2	-0.36	-0.20	-0.29	-0.24	-0.15	-0.17	-0.18	-0.12	-0.25	-0.27
+3	-0.44	-0.21	-0.29	-0.24	-0.16	-0.18	-0.19	-0.12	-0.25	-0.27
+4	-0.52	-0.22	-0.29	-0.23	-0.17	-0.18	-0.20	-0.11	-0.26	-0.27
+5	-0.60	-0.22	-0.29	-0.22	-0.18	-0.18	-0.21	-0.11	-0.26	-0.27
+6	-0.55	-0.25	-0.29	-0.23	-0.18	-0.19	-0.21	-0.12	-0.25	-0.28
+7	-0.50	-0.27	-0.29	-0.25	-0.18	-0.19	-0.21	-0.13	-0.25	-0.28
+8	-0.44	-0.30	-0.29	-0.26	-0.18	-0.19	-0.21	-0.14	-0.24	-0.29
+9	-0.39	-0.32	-0.29	-0.27	-0.18	-0.19	-0.21	-0.15	-0.23	-0.30
+10	-0.33	-0.35	-0.29	-0.28	-0.18	-0.20	-0.21	-0.16	-0.22	-0.31
+11	-0.31	-0.35	-0.31	-0.29	-0.20	-0.22	-0.23	-0.18	-0.25	-0.35
+12	-0.28	-0.35	-0.33	-0.31	-0.22	-0.24	-0.25	-0.20	-0.29	-0.39
+13	-0.25	-0.35	-0.34	-0.32	-0.25	-0.27	-0.27	-0.22	-0.32	-0.42
+14	-0.23	-0.35	-0.36	-0.34	-0.27	-0.29	-0.29	-0.24	-0.35	-0.46
+15	-0.20	-0.35	-0.38	-0.35	-0.29	-0.32	-0.31	-0.26	-0.38	-0.50
+16	-0.14	-0.27	-0.35	-0.33	-0.28	-0.30	-0.31	-0.25	-0.42	-0.53
+17	-0.09	-0.20	-0.32	-0.32	-0.28	-0.29	-0.30	-0.23	-0.46	-0.55
+18	-0.03	-0.12	-0.29	-0.30	-0.27	-0.28	-0.29	-0.22	-0.49	-0.58
+19	0.03	-0.04	-0.25	-0.29	-0.27	-0.27	-0.28	-0.20	-0.53	-0.60
+20	0.08	0.04	-0.22	-0.27	-0.26	-0.26	-0.28	-0.19	-0.57	-0.63

Signal Generator

Typical Performance Data

Test Conditions: Temperature = +50°C.

Freq. (MHz)	Harmonics levels vs. Output Frequency (dBc)									
	F2					F3				
	-30 dBm	-20 dBm	0 dBm	+10 dBm	+20 dBm	-30 dBm	-20 dBm	0 dBm	+10 dBm	+20 dBm
10	-50.08	-41.32	-15.86	-10.14	-7.61	-9.92	-7.32	-13.25	-11.24	-18.41
25	-54.37	-47.31	-21.03	-14.30	-11.54	-14.12	-13.40	-14.93	-14.72	-15.57
50	-56.01	-24.20	-25.08	-15.43	-10.97	-16.61	-17.23	-17.51	-19.14	-21.57
75	-54.62	-21.55	-22.80	-13.78	-9.86	-17.26	-18.76	-18.74	-18.46	-21.78
100	-52.87	-19.42	-22.55	-13.61	-9.51	-17.88	-19.41	-19.60	-18.14	-19.48
125	-51.90	-18.24	-22.83	-13.89	-9.58	-17.63	-18.94	-19.76	-18.16	-18.83
150	-50.94	-17.07	-23.11	-14.17	-9.65	-17.38	-18.48	-19.93	-18.18	-18.17
175	-33.11	-16.67	-23.53	-14.81	-9.99	-16.76	-17.76	-19.54	-18.09	-18.25
200	-15.28	-16.28	-23.95	-15.45	-10.33	-16.13	-17.05	-19.15	-18.01	-18.32
225	-15.12	-16.12	-24.37	-15.91	-10.58	-15.38	-16.38	-18.49	-17.56	-18.14
250	-14.95	-15.96	-24.79	-16.37	-10.82	-14.63	-15.71	-17.83	-17.12	-17.96
275	-15.04	-16.08	-25.34	-16.72	-10.99	-14.12	-15.18	-17.14	-16.58	-17.41
300	-15.13	-16.20	-25.89	-17.08	-11.15	-13.62	-14.65	-16.44	-16.03	-16.87
325	-15.30	-16.43	-26.89	-17.14	-11.26	-12.91	-14.10	-15.85	-15.41	-16.56
350	-15.47	-16.66	-27.88	-17.20	-11.37	-12.21	-13.56	-15.25	-14.80	-16.25
375	-15.81	-17.03	-28.92	-17.29	-11.42	-11.80	-13.15	-14.70	-14.35	-15.63
400	-16.15	-17.40	-29.95	-17.38	-11.47	-11.39	-12.74	-14.15	-13.90	-15.02
425	-16.76	-17.89	-31.28	-17.25	-11.52	-11.04	-12.35	-13.77	-13.49	-14.68
450	-17.37	-18.38	-32.60	-17.12	-11.56	-10.70	-11.97	-13.38	-13.08	-14.34
475	-17.75	-18.91	-33.03	-17.09	-11.63	-10.32	-11.65	-13.01	-12.80	-14.05
500	-18.13	-19.44	-33.46	-17.06	-11.71	-9.93	-11.33	-12.64	-12.53	-13.76
550	-19.15	-20.59	-32.06	-16.76	-11.70	-9.33	-10.81	-12.20	-12.09	-13.19
600	-20.05	-21.80	-29.40	-16.75	-11.85	-8.47	-10.33	-11.75	-11.77	-12.79
650	-20.70	-22.80	-27.22	-16.63	-12.02	-7.77	-9.86	-11.46	-11.55	-12.53
700	-21.66	-23.63	-25.69	-16.61	-12.17	-7.36	-9.47	-11.23	-11.44	-12.33
750	-21.79	-23.84	-23.84	-16.26	-12.24	-7.13	-9.16	-11.11	-11.36	-12.33
800	-21.35	-23.32	-22.51	-16.20	-12.42	-6.55	-8.96	-11.17	-11.52	-12.38
850	-20.50	-22.29	-21.38	-16.23	-12.70	-6.06	-8.85	-11.29	-11.62	-12.38
900	-19.44	-21.27	-20.62	-16.24	-12.94	-5.79	-8.80	-11.40	-11.72	-12.34
950	-18.97	-20.28	-19.95	-16.42	-13.32	-5.77	-9.02	-11.83	-12.00	-12.40
1000	-17.22	-18.42	-18.75	-16.27	-13.59	-5.93	-9.35	-12.28	-12.24	-12.42
1050	-15.23	-16.42	-17.47	-16.22	-13.96	-6.37	-10.00	-13.03	-12.71	-12.59
1075	-14.49	-15.68	-17.03	-16.19	-14.14	-6.47	-10.31	-13.38	-12.91	-12.66
1100	-13.76	-14.94	-16.58	-16.17	-14.31	-6.57	-10.62	-13.73	-13.11	-12.73
1125	-13.17	-14.44	-16.23	-16.18	-14.52	-6.78	-10.90	-14.00	-13.34	-12.84
1150	-12.59	-13.94	-15.88	-16.20	-14.73	-6.98	-11.19	-14.27	-13.56	-12.96
1175	-12.29	-13.63	-15.72	-16.25	-14.97	-7.04	-11.31	-14.43	-13.62	-12.98
1200	-11.98	-13.31	-15.56	-16.30	-15.21	-7.09	-11.42	-14.59	-13.68	-13.00
1225	-11.79	-13.12	-15.44	-16.41	-15.40	-7.44	-11.73	-14.89	-14.08	-13.36
1250	-11.59	-12.94	-15.32	-16.52	-15.59	-7.79	-12.04	-15.19	-14.49	-13.72
1275	-9.18	-11.17	-13.08	-13.22	-12.15	-15.45	-19.01	-21.30	-21.91	-23.13
1300	-6.77	-9.40	-10.84	-9.92	-8.70	-23.11	-25.98	-27.41	-29.34	-32.53
1325	-6.64	-9.38	-10.85	-9.98	-8.75	-23.00	-25.85	-27.23	-29.60	-33.79
1350	-6.52	-9.36	-10.86	-10.05	-8.80	-22.89	-25.73	-27.05	-29.86	-35.04
1375	-6.29	-9.26	-10.89	-10.03	-8.79	-22.96	-25.78	-27.05	-30.20	-36.34
1400	-6.06	-9.16	-10.91	-10.02	-8.78	-23.03	-25.84	-27.05	-30.53	-37.64
1425	-6.04	-9.16	-10.96	-10.10	-8.84	-23.08	-25.74	-26.79	-30.44	-38.30
1450	-6.01	-9.16	-11.01	-10.18	-8.89	-23.12	-25.64	-26.53	-30.35	-38.95
1475	-5.91	-9.12	-11.04	-10.21	-8.91	-22.33	-24.77	-25.95	-29.75	-38.65
1500	-5.80	-9.07	-11.07	-10.24	-8.93	-21.53	-23.89	-25.37	-29.16	-38.34

Signal Generator

SSG-1R5GD-RC

Typical Performance Data

Test Conditions: Temperature = +50°C.

Freq. (MHz)	Phase Noise vs. Output Frequency (dBc / Hz)				
	1 kHz	10 kHz	100 kHz	1 MHz	10 MHz
10	-118.93	-119.90	-120.43	-120.47	--
25	-122.85	-127.49	-129.00	-128.95	--
50	-128.63	-134.52	-136.36	-137.04	-136.81
75	-131.42	-135.15	-137.82	-138.83	-138.88
100	-132.28	-137.18	-138.93	-139.53	-139.75
125	-131.08	-136.85	-138.81	-139.76	-140.08
150	-129.87	-136.51	-138.69	-139.98	-140.41
175	-128.67	-136.18	-138.57	-140.21	-140.74
200	-127.47	-135.85	-138.46	-140.43	-141.08
225	-126.26	-135.51	-138.34	-140.66	-141.41
250	-125.06	-135.18	-138.22	-140.88	-141.74
275	-123.85	-134.84	-138.10	-141.11	-142.07
300	-122.65	-134.51	-137.98	-141.33	-142.40
325	-122.53	-133.90	-137.56	-141.20	-142.46
350	-122.41	-133.29	-137.14	-141.07	-142.52
375	-122.29	-132.68	-136.72	-140.93	-142.58
400	-122.16	-132.07	-136.30	-140.80	-142.63
425	-122.04	-131.46	-135.88	-140.67	-142.69
450	-121.92	-130.85	-135.46	-140.54	-142.75
475	-121.80	-130.23	-135.03	-140.40	-142.81
500	-121.68	-129.62	-134.61	-140.27	-142.87
550	-121.43	-128.40	-133.77	-140.01	-142.98
600	-121.19	-127.18	-132.93	-139.74	-143.10
650	-120.17	-126.64	-132.35	-139.22	-143.19
700	-119.15	-126.09	-131.76	-138.71	-143.27
750	-118.14	-125.55	-131.18	-138.19	-143.36
800	-117.12	-125.00	-130.59	-137.67	-143.44
850	-116.10	-124.46	-130.01	-137.16	-143.53
900	-115.08	-123.91	-129.42	-136.64	-143.61
950	-114.40	-123.84	-129.29	-136.65	-143.60
1000	-113.72	-123.76	-129.17	-136.66	-143.60
1050	-113.04	-123.69	-129.04	-136.68	-143.59
1075	-112.70	-123.65	-128.98	-136.68	-143.59
1100	-112.36	-123.61	-128.91	-136.69	-143.58
1125	-112.02	-123.57	-128.85	-136.69	-143.58
1150	-111.68	-123.54	-128.79	-136.70	-143.58
1175	-111.34	-123.50	-128.72	-136.70	-143.57
1200	-111.00	-123.46	-128.66	-136.71	-143.57
1225	-110.96	-123.36	-128.53	-136.71	-143.91
1250	-110.91	-123.25	-128.41	-136.71	-144.26
1275	-110.87	-123.15	-128.28	-136.71	-144.60
1300	-110.82	-123.04	-128.15	-136.71	-144.94
1325	-110.78	-122.94	-128.03	-136.71	-145.28
1350	-110.74	-122.84	-127.90	-136.71	-145.63
1375	-110.69	-122.73	-127.77	-136.71	-145.97
1400	-110.65	-122.63	-127.65	-136.71	-146.31
1425	-110.60	-122.52	-127.52	-136.71	-146.65
1450	-110.56	-122.42	-127.39	-136.71	-147.00
1475	-110.51	-122.31	-127.27	-136.71	-147.34
1500	-110.47	-122.21	-127.14	-136.71	-147.68

Freq. (MHz)	Power (dBM) Max
10	23.07
25	22.71
50	23.05
75	23.53
100	23.90
125	24.04
150	23.98
175	23.93
200	23.90
225	23.90
250	23.84
275	23.75
300	23.39
325	23.06
350	22.93
375	22.86
400	22.86
425	22.96
450	23.12
475	23.23
500	23.27
550	23.38
600	23.39
650	23.47
700	23.73
750	24.04
800	24.44
850	24.84
900	24.93
950	25.03
1000	24.91
1050	24.96
1075	24.96
1100	24.96
1125	24.97
1150	24.95
1175	24.95
1200	24.95
1225	24.95
1250	24.90
1275	23.13
1300	23.06
1325	23.10
1350	23.18
1375	23.16
1400	23.13
1425	23.18
1450	23.23
1475	23.22
1500	23.25

Signal Generator

Typical Performance Data

Test Conditions: Temperature = +50°C.

Freq. Offsets (kHz)	Phase Noise vs. Offset Frequency (dBc / Hz)					
	10 MHz	300 MHz	600 MHz	900 MHz	1200 MHz	1500 MHz
1	-118.93	-122.65	-121.19	-115.08	-111.00	-110.47
10	-119.90	-134.51	-127.18	-123.91	-123.46	-122.21
100	-120.43	-137.98	-132.93	-129.42	-128.66	-127.14
1000	-120.47	-141.33	-139.74	-136.64	-136.71	-136.71
10000	--	-142.40	-143.10	-143.61	-143.57	-147.68

Freq. (MHz)	Spurious (dBc)	
	Far	Near
10	-65.69	-78.47
25	-69.99	-78.55
50	-68.81	-77.32
75	-69.68	-78.56
100	-67.10	-80.36
125	-68.32	-80.28
150	-69.55	-80.20
175	-69.24	-78.59
200	-68.93	-76.98
225	-69.02	-78.41
250	-69.11	-79.84
275	-68.11	-79.62
300	-67.11	-79.39
325	-67.73	-78.66
350	-68.34	-77.93
375	-68.68	-78.03
400	-69.01	-78.13
425	-68.94	-78.54
450	-68.87	-78.94
475	-69.39	-78.31
500	-69.91	-77.68
550	-68.36	-77.59
600	-68.52	-76.23
650	-68.67	-76.46
700	-70.14	-77.59
750	-67.93	-76.55
800	-68.96	-78.22
850	-69.27	-77.74
900	-69.52	-77.51
950	-69.75	-78.00
1000	-70.12	-76.25
1050	-68.51	-77.12
1075	-68.93	-77.03
1100	-69.35	-76.94
1125	-68.76	-76.98
1150	-68.16	-77.02
1175	-68.11	-76.81
1200	-68.05	-76.59
1225	-68.71	-76.18
1250	-69.37	-75.77
1275	-69.19	-76.92
1300	-69.01	-78.07
1325	-68.62	-76.95
1350	-68.23	-75.82
1375	-68.57	-75.80
1400	-68.91	-75.77
1425	-68.53	-75.65
1450	-68.16	-75.54
1475	-68.56	-76.25
1500	-68.97	-76.97

Note: Spurious was measured in Close offsets of 1 kHz to 100 kHz and Far offsets of 100 kHz to 150 MHz.