Signal Generator

SSG-1R5G-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	0.79	0.10	-0.11	-0.25	-0.20	-0.14	-0.15	-0.27	-0.07	-0.11
25	0.22	0.03	0.00	-0.10	-0.04	0.11	0.04	0.05	0.08	0.33
50	0.09	0.09	0.04	-0.04	-0.04	0.17	0.11	0.14	0.16	0.78
75	0.10	0.08	0.09	-0.03	0.00	0.17	0.11	0.16	0.17	0.41
100	0.09	0.07	0.05	-0.03	0.15	0.08	0.08	0.07	0.10	0.13
125	-0.02	0.05	-0.01	-0.09	0.20	0.06	0.03	0.00	0.03	0.18
150	0.00	0.00	-0.03	-0.04	0.15	0.09	0.08	0.12	0.18	0.36
175	-0.02	-0.03	-0.04	-0.10	0.08	0.03	-0.03	-0.05	-0.03	0.21
200	0.08	0.06	0.05	-0.02	0.11	0.07	0.06	0.03	0.12	0.20
225	0.03	-0.02	-0.02	-0.05	0.09	0.05	0.05	-0.02	0.03	0.15
250	0.14	0.03	-0.01	0.20	0.07	0.05	0.08	0.03	0.11	0.18
275	0.09	0.02	0.01	0.03	-0.07	-0.08	-0.07	-0.13	-0.07	0.04
300	0.12	0.09	0.04	0.02	-0.01	-0.07	-0.04	-0.09	-0.05	0.05
325	0.08	0.06	0.01	0.12	0.05	0.03	0.03	0.02	0.04	0.10
350	0.02	0.00	0.00	0.18	0.04	0.09	0.07	0.06	0.13	0.12
375	0.11	0.04	0.04	0.15	0.08	0.04	0.04	0.07	0.07	0.10
400	0.07	0.05	0.04	0.06	-0.01	0.00	-0.03	-0.01	0.04	0.12
425	0.02	-0.03	-0.02	0.09	0.00	0.00	-0.01	0.01	0.03	0.10
450	0.03	-0.05	-0.05	0.13	0.04	0.06	0.04	0.03	0.10	0.18
475	0.01	-0.01	-0.03	0.07	-0.01	0.02	-0.01	-0.05	0.04	0.12
500	0.11	0.07	0.06	0.04	-0.03	-0.01	-0.07	-0.03	0.05	0.09
550	0.03	-0.01	-0.02	0.06	-0.02	0.05	0.00	0.02	0.07	0.07
600	0.11	0.06	0.04	0.02	-0.04	0.00	-0.07	0.00	0.02	-0.01
650	0.05	0.02	-0.01	0.00	-0.08	-0.04	-0.07	-0.08	0.01	0.04
700	0.06	0.05	0.06	0.05	-0.03	-0.01	-0.02	0.00	0.02	0.12
750	0.06	0.02	0.05	0.11	-0.02	0.06	-0.01	0.04	0.07	0.16
800	0.05	0.05	0.04	0.04	-0.01	0.01	-0.06	0.03	0.04	0.14
850	0.08	0.07	0.05	0.01	-0.03	0.03	0.01	0.04	0.10	0.17
900	0.03	0.02	0.04	0.06	0.02	-0.01	-0.05	0.04	0.04	0.12
950	0.08	0.06	0.10	0.04	-0.05	0.01	-0.05	0.04	0.01	0.12
1000	0.02	0.05	0.04	0.05	0.05	0.01	-0.04	0.04	0.03	0.11
1050	0.14	0.09	0.12	0.00	-0.06	0.03	-0.04	0.04	0.04	0.12
1075	0.10	0.05	0.07	-0.02	-0.10	-0.07	-0.11	-0.05	-0.06	0.01
1100	0.10	0.05	0.03	-0.05	-0.11	-0.04	-0.13	-0.11	-0.05	0.03
1125	0.18	0.09	0.11	-0.07	-0.11	-0.07	-0.10	-0.06	-0.06	0.02
1150	0.16	0.07	0.09	-0.13	-0.18	-0.05	-0.10	-0.08	-0.06	0.01
1175	0.13	0.08	0.08	-0.05	-0.11	-0.02	-0.12	-0.06	-0.05	0.05
1200	0.02	0.05	0.05	-0.04	-0.08	-0.04	-0.13	-0.08	-0.05	0.01
1225	0.05	0.03	0.05	-0.10	-0.14	-0.03	-0.10	-0.08	-0.06	0.00
1250	0.09	0.08	0.09	-0.14	-0.20	-0.04	-0.11	-0.07	-0.03	0.00
1275	0.12	0.10	0.12	0.02	0.00	0.06	0.05	0.07	0.14	0.18
1300	0.05	0.02	0.04	0.01	0.02	0.03	0.01	0.05	0.05	0.13
1325	0.05	0.00	0.05	0.00	-0.02	0.01	-0.02	0.05	0.09	0.10
1350	0.08	0.08	0.09	-0.05	-0.09	-0.01	-0.01	0.04	0.07	0.14
1375	0.07	0.07	0.09	0.01	-0.02	0.03	0.05	0.07	0.10	0.14
1400	0.00	0.01	0.04	0.00	-0.01	0.01	0.02	0.03	0.09	0.12
1425	0.10	0.09	0.11	0.06	0.04	0.05	0.04	0.07	0.13	0.13
1450	0.09	0.07	0.10	-0.03	-0.07	-0.01	0.01	0.03	0.09	0.10
1475	0.04	0.03	0.08	-0.01	-0.09	-0.03	0.01	0.02	0.07	0.08
1500	-0.02	0.03	0.06	0.01	-0.07	-0.03	0.00	0.00	0.08	0.12

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	0.79	0.00	0.12	0.11	0.06	0.03	0.14	0.02	0.08	-0.02
-54	0.65	0.00	0.11	0.10	0.05	0.03	0.13	0.03	0.08	-0.01
-53	0.51	0.00	0.11	0.09	0.04	0.03	0.12	0.04	0.08	0.00
-52	0.37	0.00	0.10	0.08	0.04	0.03	0.11	0.04	0.08	0.01
-51	0.24	0.00	0.10	0.07	0.03	0.02	0.10	0.05	0.08	0.02
-50	0.10	0.00	0.09	0.06	0.02	0.02	0.09	0.05	0.08	0.03
-48	0.10	0.00	0.07	0.06	0.03	0.03	0.10	0.05	0.08	0.04
-46	0.10	0.00	0.05	0.06	0.04	0.03	0.11	0.05	0.08	0.05
-44	0.05	0.00	0.04	0.06	0.05	0.04	0.12	0.05	0.08	0.05
-42	-0.03	-0.02	0.04	0.05	0.05	0.04	0.12	0.05	0.09	0.06
-40	-0.11	-0.03	0.04	0.04	0.05	0.04	0.12	0.05	0.09	0.06
-38	-0.08	-0.02	0.05	0.11	0.09	0.08	0.13	0.04	0.11	0.07
-36	-0.06	-0.01	0.06	0.17	0.14	0.13	0.14	0.04	0.12	0.08
-34	-0.09	-0.01	0.05	0.16	0.15	0.13	0.11	0.02	0.10	0.07
-32	-0.17	-0.02	0.03	0.09	0.13	0.10	0.06	-0.01	0.02	0.04
-30	-0.25	-0.04	0.02	0.02	0.11	0.06	0.00	-0.04	-0.05	0.01
-28	-0.22	0.06	0.00	0.02	0.09	0.03	-0.02	-0.06	-0.05	0.00
-26	-0.20	0.15	-0.02	0.03	0.06	0.00	-0.04	-0.08	-0.04	-0.01
-24	-0.19	0.19	-0.02	0.02	0.04	-0.01	-0.05	-0.09	-0.05	-0.03
-22	-0.19	0.17	-0.02	-0.01	0.01	0.01	-0.06	-0.08	-0.07	-0.05
-20	-0.20	0.15	-0.01	-0.04	-0.02	0.02	-0.06	-0.08	-0.09	-0.07
-18	-0.19	0.14	-0.04	-0.03	-0.01	0.02	-0.06	-0.09	-0.09	-0.05
-16	-0.17	0.13	-0.06	-0.02	0.00	0.01	-0.06	-0.10	-0.08	-0.04
-14	-0.16	0.12	-0.08	-0.01	0.01	0.00	-0.05	-0.09	-0.06	-0.03
-12	-0.15	0.10	-0.07	-0.01	0.04	0.00	-0.01	-0.07	-0.04	-0.03
-10	-0.14	0.09	-0.07	0.00	0.06	-0.01	0.03	-0.04	-0.01	-0.03
-8	-0.13	0.09	-0.06	-0.01	0.05	-0.02	0.01	-0.06	-0.02	-0.02
-6	-0.12	0.08	-0.05	-0.02	0.03	-0.03	-0.01	-0.08	-0.03	-0.02
-4	-0.12	0.08	-0.05	-0.04	0.02	-0.04	-0.02	-0.10	-0.03	-0.01
-2	-0.14	0.08	-0.04	-0.05	0.00	-0.04	-0.03	-0.11	-0.02	-0.01
0	-0.15	0.08	-0.04	-0.07	-0.01	-0.05	-0.04	-0.13	-0.01	0.00
+2	-0.15	0.09	-0.06	-0.06	0.01	-0.03	-0.02	-0.12	0.00	-0.01
+3	-0.15	0.09	-0.07	-0.06	0.01	-0.03	-0.01	-0.11	0.00	-0.01
+4	-0.14	0.10	-0.08	-0.05	0.02	-0.02	0.00	-0.10	0.00	-0.01
+5	-0.14	0.10	-0.09	-0.05	0.03	-0.01	0.01	-0.10	0.01	-0.01
+6	-0.17	0.10	-0.09	-0.04	0.03	0.00	0.02	-0.09	0.01	-0.01
+7	-0.19	0.11	-0.09	-0.03	0.03	0.01	0.03	-0.09	0.02	-0.01
+8	-0.22	0.11	-0.09	-0.02	0.04	0.02	0.03	-0.09	0.02	-0.01
+9	-0.24	0.11	-0.09	-0.01	0.04	0.03	0.04	-0.09	0.03	0.00
+10	-0.27	0.12	-0.09	0.00	0.04	0.04	0.04	-0.08	0.04	0.00
+11	-0.23	0.13	-0.08	0.00	0.05	0.04	0.04	-0.08	0.04	0.02
+12	-0.19	0.14	-0.08	0.01	0.06	0.04	0.04	-0.07	0.05	0.03
+13	-0.15	0.15	-0.07	0.01	0.06	0.04	0.04	-0.06	0.05	0.05
+14	-0.11	0.17	-0.06	0.02	0.07	0.04	0.04	-0.05	0.06	0.06
+15	-0.07	0.18	-0.05	0.02	0.07	0.04	0.04	-0.05	0.07	0.08
+16	-0.08	0.21	-0.03	0.02	0.09	0.05	0.06	-0.04	0.08	0.09
+17	-0.08	0.25	-0.01	0.01	0.11	0.07	0.08	-0.03	0.10	0.10
+18	-0.09	0.29	0.01	0.00	0.13	0.08	0.09	-0.02	0.11	0.10
+19	-0.10	0.32	0.03	0.00	0.14	0.10	0.11	0.00	0.12	0.11
+20	-0.11	0.36	0.05	-0.01	0.16	0.12	0.12	0.01	0.14	0.12

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	-51.54	-43.26	-14.50	-9.55	-7.18	-10.79	-8.84	-12.81	-10.91	-19.33
25	-53.81	-47.17	-18.36	-12.51	-10.45	-13.81	-13.23	-14.74	-14.19	-16.54
50	-55.74	-50.43	-22.78	-14.60	-11.07	-16.55	-16.46	-17.57	-19.67	-20.91
75	-54.42	-45.84	-21.24	-13.22	-9.92	-17.42	-17.56	-18.48	-18.47	-20.18
100	-53.18	-20.92	-21.13	-12.80	-9.44	-17.69	-18.96	-19.18	-17.80	-18.59
125	-52.36	-19.57	-21.85	-13.10	-9.70	-17.41	-18.58	-19.28	-17.73	-18.98
150	-51.55	-18.22	-22.56	-13.40	-9.97	-17.13	-18.20	-19.39	-17.65	-19.37
175	-50.70	-17.74	-23.58	-14.07	-10.29	-16.98	-17.56	-19.06	-17.58	-19.22
200	-49.84	-17.27	-24.60	-14.73	-10.61	-16.84	-16.93	-18.73	-17.50	-19.08
225	-32.73	-17.08	-25.50	-15.17	-10.94	-15.65	-16.27	-18.10	-17.07	-19.13
250	-15.61	-16.89	-26.40	-15.62	-11.27	-14.47	-15.61	-17.47	-16.64	-19.17
275	-15.70	-16.98	-27.45	-16.04	-11.47	-13.99	-15.09	-16.82	-16.16	-18.56
300	-15.80	-17.07	-28.50	-16.47	-11.66	-13.50	-14.57	-16.17	-15.68	-17.95
325	-15.93	-17.29	-30.00	-16.53	-11.76	-12.80	-14.02	-15.58	-15.08	-17.42
350	-16.06	-17.51	-31.51	-16.59	-11.87	-12.09	-13.47	-14.99	-14.48	-16.89
375	-16.42	-17.89	-33.27	-16.68	-12.00	-11.71	-13.07	-14.45	-14.05	-16.38
400	-16.78	-18.27	-35.02	-16.78	-12.12	-11.33	-12.66	-13.92	-13.62	-15.88
425	-17.42	-18.76	-36.40	-16.74	-12.18	-11.00	-12.27	-13.52	-13.20	-15.42
450	-18.05	-19.25	-37.78	-16.70	-12.24	-10.67	-11.87	-13.12	-12.79	-14.97
475	-18.47	-19.82	-36.74	-16.68	-12.31	-10.29	-11.55	-12.75	-12.51	-14.58
500	-18.88	-20.38	-35.71	-16.66	-12.39	-9.90	-11.23	-12.37	-12.22	-14.18
550	-20.06	-21.76	-32.12	-16.39	-12.33	-9.23	-10.61	-11.83	-11.72	-13.45
600	-21.39	-23.54	-29.21	-16.34	-12.50	-8.27	-10.08	-11.31	-11.37	-12.95
650	-22.72	-25.38	-27.40	-16.33	-12.70	-7.53	-9.52	-10.93	-11.01	-12.57
700	-24.81	-27.71	-25.75	-16.26	-12.86	-7.09	-9.03	-10.52	-10.76	-12.31
750	-26.56	-30.45	-23.97	-15.94	-12.98	-6.60	-8.42	-10.14	-10.49	-12.13
800	-27.69	-32.02	-22.79	-15.85	-13.08	-5.78	-7.99	-9.93	-10.46	-12.03
850	-27.76	-30.97	-21.84	-15.85	-13.30	-4.99	-7.54	-9.75	-10.38	-11.88
900	-26.89	-28.96	-20.92	-15.71	-13.47	-4.49	-7.17	-9.57	-10.29	-11.74
950	-26.10	-26.39	-20.02	-15.72	-13.74	-4.18	-7.02	-9.66	-10.38	-11.73
1000	-22.17	-22.42	-18.66	-15.41	-13.93	-3.93	-6.85	-9.70	-10.40	-11.66
1050	-18.82	-19.37	-17.54	-15.34	-14.21	-3.98	-7.06	-10.09	-10.72	-11.77
1075	-17.68	-18.35	-17.14	-15.32	-14.35	-3.92	-7.22	-10.36	-10.92	-11.85
1100	-16.55	-17.34	-16.75	-15.31	-14.48	-3.87	-7.38	-10.63	-11.13	-11.93
1125	-15.76	-16.69	-16.45	-15.33	-14.65	-4.01	-7.59	-10.87	-11.38	-12.07
1150	-14.97	-16.04	-16.14	-15.35	-14.81	-4.16	-7.79	-11.12	-11.64	-12.22
1175	-14.59	-15.65	-16.02	-15.44	-15.05	-4.29	-7.96	-11.39	-11.81	-12.30
1200	-14.20	-15.25	-15.90	-15.53	-15.29	-4.42	-8.13	-11.66	-11.98	-12.38
1225	-13.86	-14.94	-15.72	-15.57	-15.44	-4.81	-8.53	-12.09	-12.45	-12.75
1250	-13.52	-14.63	-15.53	-15.62	-15.60	-5.20	-8.93	-12.51	-12.92	-13.11
1275	-8.83	-10.45	-11.73	-11.71	-11.77	-10.78	-14.03	-17.62	-19.77	-19.71
1300	-4.15	-6.28	-7.92	-7.80	-7.94	-16.37	-19.13	-22.72	-26.61	-26.31
1325	-4.18	-6.45	-8.14	-8.02	-8.07	-16.76	-19.58	-23.22	-27.36	-27.20
1350	-4.21	-6.63	-8.36	-8.24	-8.20	-17.15	-20.04	-23.71	-28.10	-28.10
1375	-4.16	-6.73	-8.58	-8.37	-8.29	-17.71	-20.67	-24.37	-29.12	-28.52
1400	-4.11	-6.84	-8.81	-8.51	-8.38	-18.28	-21.30	-25.03	-30.14	-28.93
1425	-4.27	-7.01	-9.00	-8.69	-8.48	-19.05	-22.05	-25.62	-30.93	-29.97
1450	-4.43	-7.18	-9.20	-8.87	-8.58	-19.81	-22.80	-26.20	-31.73	-31.01
1475	-4.45	-7.28	-9.38	-9.01	-8.67	-19.85	-22.78	-26.15	-31.53	-30.86
1500	-4.47	-7.38	-9.57	-9.14	-8.76	-19.89	-22.75	-26.10	-31.34	-30.71

Signal Generator

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	-122.04	-119.96	-121.60	-121.62	--
25	-126.88	-130.51	-132.53	-132.81	--
50	-128.87	-135.22	-137.47	-138.25	-138.25
75	-128.62	-137.78	-139.13	-140.00	-140.18
100	-128.91	-136.99	-139.78	-140.56	-141.01
125	-128.24	-136.61	-139.58	-140.71	-141.30
150	-127.57	-136.24	-139.39	-140.86	-141.60
175	-126.90	-135.86	-139.19	-141.01	-141.89
200	-126.24	-135.49	-138.99	-141.17	-142.19
225	-125.57	-135.11	-138.79	-141.32	-142.48
250	-124.90	-134.73	-138.60	-141.47	-142.77
275	-124.23	-134.36	-138.40	-141.62	-143.07
300	-123.56	-133.98	-138.20	-141.77	-143.36
325	-123.16	-133.54	-137.81	-141.58	-143.43
350	-122.75	-133.10	-137.43	-141.39	-143.50
375	-122.35	-132.65	-137.04	-141.20	-143.57
400	-121.95	-132.21	-136.65	-141.00	-143.64
425	-121.54	-131.77	-136.26	-140.81	-143.71
450	-121.14	-131.33	-135.88	-140.62	-143.78
475	-120.74	-130.88	-135.49	-140.43	-143.84
500	-120.33	-130.44	-135.10	-140.24	-143.91
550	-119.53	-129.56	-134.33	-139.85	-144.05
600	-118.72	-128.67	-133.55	-139.47	-144.19
650	-118.26	-127.73	-132.78	-138.69	-144.12
700	-117.80	-126.78	-132.02	-137.90	-144.05
750	-117.35	-125.84	-131.25	-137.12	-143.98
800	-116.89	-124.90	-130.48	-136.34	-143.91
850	-116.43	-123.95	-129.72	-135.55	-143.84
900	-115.97	-123.01	-128.95	-134.77	-143.77
950	-115.72	-123.08	-128.82	-134.86	-143.65
1000	-115.46	-123.15	-128.68	-134.95	-143.52
1050	-115.21	-123.23	-128.55	-135.04	-143.40
1075	-115.08	-123.26	-128.48	-135.09	-143.33
1100	-114.95	-123.30	-128.41	-135.13	-143.27
1125	-114.82	-123.33	-128.34	-135.18	-143.21
1150	-114.70	-123.37	-128.28	-135.22	-143.15
1175	-114.57	-123.40	-128.21	-135.27	-143.08
1200	-114.44	-123.44	-128.14	-135.31	-143.02
1225	-114.23	-123.34	-128.08	-135.37	-143.48
1250	-114.02	-123.25	-128.02	-135.43	-143.95
1275	-113.80	-123.15	-127.97	-135.50	-144.41
1300	-113.59	-123.05	-127.91	-135.56	-144.88
1325	-113.38	-122.95	-127.85	-135.62	-145.34
1350	-113.17	-122.86	-127.79	-135.68	-145.81
1375	-112.95	-122.76	-127.73	-135.74	-146.27
1400	-112.74	-122.66	-127.67	-135.80	-146.73
1425	-112.53	-122.56	-127.62	-135.87	-147.20
1450	-112.32	-122.47	-127.56	-135.93	-147.66
1475	-112.10	-122.37	-127.50	-135.99	-148.13
1500	-111.89	-122.27	-127.44	-136.05	-148.59

Freq. (MHz)	Power (dBM) Max
10	23.19
25	22.80
50	23.27
75	23.82
100	24.23
125	24.36
150	24.28
175	24.22
200	24.15
225	24.10
250	24.07
275	24.15
300	24.19
325	23.99
350	23.53
375	23.25
400	23.20
425	23.29
450	23.43
475	23.46
500	23.45
550	23.56
600	23.67
650	23.93
700	24.29
750	24.62
800	24.92
850	25.12
900	25.06
950	25.14
1000	24.98
1050	24.97
1075	24.95
1100	24.94
1125	24.95
1150	24.93
1175	24.94
1200	24.95
1225	24.99
1250	24.98
1275	23.24
1300	23.17
1325	23.20
1350	23.29
1375	23.27
1400	23.23
1425	23.27
1450	23.31
1475	23.28
1500	23.31

Signal Generator

SSG-1R5G-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	-122.04	-123.56	-118.72	-115.97	-114.44	-111.89
10	-119.96	-133.98	-128.67	-123.01	-123.44	-122.27
100	-121.60	-138.20	-133.55	-128.95	-128.14	-127.44
1000	-121.62	-141.77	-139.47	-134.77	-135.31	-136.05
10000	--	-143.36	-144.19	-143.77	-143.02	-148.59

Freq. (MHz)	Spurious (dBc)	
	Far	Near
10	-66.68	-79.04
25	-71.04	-77.29
50	-68.21	-80.26
75	-72.81	-75.85
100	-69.98	-79.14
125	-68.61	-79.00
150	-67.25	-78.87
175	-68.13	-78.96
200	-69.01	-79.05
225	-69.11	-79.46
250	-69.21	-79.86
275	-68.96	-79.10
300	-68.71	-78.33
325	-69.14	-78.06
350	-69.58	-77.80
375	-69.64	-78.24
400	-69.69	-78.68
425	-69.21	-78.36
450	-68.73	-78.05
475	-68.92	-77.88
500	-69.11	-77.71
550	-69.07	-78.28
600	-69.63	-76.82
650	-69.03	-78.22
700	-68.61	-78.62
750	-68.07	-76.39
800	-69.68	-77.41
850	-69.10	-77.87
900	-69.54	-77.68
950	-68.45	-78.24
1000	-69.27	-76.48
1050	-69.50	-78.17
1075	-68.39	-77.41
1100	-67.28	-76.65
1125	-67.86	-76.73
1150	-68.44	-76.81
1175	-68.53	-77.38
1200	-68.62	-77.95
1225	-68.82	-77.66
1250	-69.03	-77.37
1275	-68.81	-77.64
1300	-68.59	-77.91
1325	-68.93	-77.82
1350	-69.28	-77.72
1375	-68.82	-77.40
1400	-68.36	-77.08
1425	-68.47	-77.11
1450	-68.57	-77.14
1475	-69.19	-77.54
1500	-69.81	-77.94

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	0.47	-0.04	0.08	0.04	0.02	0.02	-0.07	-0.23	-0.11	0.03
25	-0.40	-0.21	-0.12	-0.06	-0.05	0.02	-0.25	-0.26	-0.22	0.41
50	-0.24	-0.15	-0.10	-0.06	-0.06	-0.14	-0.09	-0.12	-0.05	0.06
75	-0.23	-0.14	-0.05	-0.07	-0.04	-0.04	-0.04	-0.16	-0.04	0.48
100	0.00	-0.01	-0.11	-0.05	-0.02	0.03	0.00	-0.13	-0.01	0.35
125	-0.14	-0.11	-0.07	-0.08	-0.05	-0.04	-0.05	-0.20	-0.10	0.15
150	-0.20	-0.16	-0.07	-0.02	-0.10	-0.03	-0.03	-0.04	-0.05	0.11
175	-0.24	-0.17	-0.08	-0.08	-0.10	-0.07	-0.15	-0.23	-0.18	-0.04
200	-0.21	-0.06	0.01	-0.05	-0.05	-0.05	-0.05	-0.08	0.00	0.00
225	-0.19	-0.13	-0.13	-0.13	-0.06	-0.04	-0.11	-0.16	-0.02	0.00
250	-0.11	-0.17	-0.08	-0.09	0.03	-0.03	-0.02	-0.03	0.05	0.08
275	-0.16	-0.13	-0.10	-0.11	-0.16	-0.18	-0.17	-0.22	-0.12	-0.02
300	-0.19	-0.10	-0.05	-0.06	-0.17	-0.18	-0.18	-0.22	-0.12	0.04
325	-0.19	-0.06	-0.05	-0.11	0.00	-0.06	-0.05	-0.06	-0.05	0.08
350	-0.22	-0.16	-0.09	-0.08	-0.02	-0.03	-0.04	-0.05	0.04	0.11
375	-0.09	-0.07	0.00	0.06	-0.03	-0.09	-0.07	-0.06	0.00	0.10
400	-0.12	-0.07	-0.06	-0.03	-0.08	-0.09	-0.08	-0.09	-0.04	0.07
425	-0.23	-0.14	-0.10	-0.01	-0.09	-0.12	-0.08	-0.09	-0.01	0.05
450	-0.23	-0.17	-0.09	0.01	-0.05	-0.06	-0.02	-0.01	0.06	0.12
475	-0.24	-0.16	-0.04	-0.05	-0.11	-0.05	-0.06	-0.05	-0.01	0.04
500	-0.12	-0.06	0.03	-0.02	-0.07	0.00	-0.09	-0.02	0.00	0.01
550	-0.20	-0.16	-0.09	-0.02	-0.04	-0.05	0.05	0.08	0.16	0.14
600	-0.15	-0.11	-0.02	-0.09	-0.07	-0.12	-0.12	-0.12	-0.02	0.06
650	-0.14	-0.15	-0.03	-0.07	-0.16	-0.16	-0.15	-0.10	-0.07	0.08
700	-0.06	-0.05	0.00	-0.11	-0.12	-0.11	-0.11	-0.04	-0.04	0.10
750	-0.16	-0.09	-0.05	0.04	-0.02	-0.04	-0.06	0.00	0.02	0.20
800	-0.05	-0.04	-0.04	-0.03	-0.07	-0.13	-0.10	-0.04	0.01	0.13
850	-0.11	-0.08	-0.03	0.01	-0.02	-0.01	0.02	0.06	0.01	0.11
900	-0.13	-0.08	-0.07	-0.11	0.03	-0.10	-0.08	-0.02	0.03	0.04
950	-0.09	-0.07	0.01	-0.10	-0.14	-0.10	-0.14	-0.10	0.00	0.05
1000	-0.07	-0.03	-0.05	-0.04	-0.08	-0.10	-0.13	-0.09	0.01	0.06
1050	-0.07	-0.02	0.05	-0.12	-0.18	-0.10	-0.11	-0.07	-0.02	0.04
1075	-0.13	-0.04	0.00	-0.11	-0.22	-0.19	-0.18	-0.18	-0.08	-0.07
1100	-0.12	-0.09	0.01	-0.05	-0.21	-0.19	-0.23	-0.16	-0.14	-0.07
1125	-0.06	0.01	0.06	-0.09	-0.16	-0.19	-0.18	-0.16	-0.15	0.01
1150	-0.07	-0.02	-0.01	-0.12	-0.24	-0.21	-0.19	-0.16	-0.12	0.02
1175	-0.13	-0.05	-0.01	-0.05	-0.19	-0.15	-0.18	-0.13	-0.10	-0.01
1200	-0.12	-0.10	-0.03	-0.12	-0.20	-0.19	-0.16	-0.14	-0.10	-0.09
1225	-0.11	-0.10	-0.03	-0.08	-0.22	-0.17	-0.17	-0.10	-0.06	-0.11
1250	-0.08	-0.06	0.04	-0.16	-0.29	-0.18	-0.16	-0.05	0.04	-0.06
1275	-0.11	-0.03	0.02	-0.11	-0.09	-0.01	0.02	0.04	0.11	0.11
1300	-0.19	-0.14	-0.05	-0.09	-0.10	-0.08	0.00	0.09	0.08	0.08
1325	-0.13	-0.07	-0.03	-0.14	-0.14	-0.03	-0.05	0.05	0.07	0.07
1350	-0.05	0.00	0.02	-0.11	-0.15	-0.02	-0.07	-0.03	0.08	0.11
1375	-0.05	-0.04	0.01	-0.03	-0.09	0.02	-0.02	0.05	0.12	0.12
1400	-0.16	-0.12	-0.03	0.06	-0.07	-0.02	-0.01	0.09	0.12	0.08
1425	-0.07	-0.06	0.06	0.04	-0.05	-0.02	0.04	0.06	0.17	0.12
1450	-0.07	-0.09	0.01	-0.12	-0.12	-0.11	-0.08	-0.02	0.11	0.14
1475	-0.09	-0.05	-0.01	-0.14	-0.16	-0.10	-0.07	-0.04	0.06	0.12
1500	-0.07	-0.01	0.00	-0.11	-0.12	-0.09	-0.08	-0.04	0.01	0.06

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	0.47	-0.20	-0.19	-0.15	-0.16	-0.13	-0.07	-0.12	-0.05	-0.07
-54	0.37	-0.19	-0.17	-0.14	-0.15	-0.12	-0.06	-0.12	-0.04	-0.06
-53	0.27	-0.18	-0.15	-0.13	-0.13	-0.11	-0.05	-0.11	-0.03	-0.05
-52	0.17	-0.17	-0.13	-0.13	-0.12	-0.10	-0.04	-0.11	-0.02	-0.03
-51	0.06	-0.16	-0.12	-0.12	-0.11	-0.09	-0.03	-0.11	-0.01	-0.02
-50	-0.04	-0.16	-0.10	-0.11	-0.09	-0.08	-0.02	-0.10	0.00	-0.01
-48	-0.04	-0.13	-0.09	-0.08	-0.07	-0.08	0.02	-0.09	-0.02	-0.03
-46	-0.03	-0.10	-0.08	-0.05	-0.04	-0.08	0.06	-0.07	-0.04	-0.05
-44	-0.01	-0.08	-0.07	-0.03	-0.03	-0.08	0.07	-0.05	-0.04	-0.05
-42	0.04	-0.07	-0.06	-0.02	-0.04	-0.07	0.06	-0.04	-0.01	-0.03
-40	0.08	-0.07	-0.05	-0.02	-0.05	-0.07	0.05	-0.03	0.02	0.00
-38	0.12	-0.04	-0.06	-0.02	-0.03	-0.06	0.05	0.00	0.03	-0.02
-36	0.15	-0.01	-0.07	-0.03	-0.01	-0.04	0.04	0.02	0.04	-0.04
-34	0.14	0.00	-0.08	-0.05	0.01	-0.05	0.01	0.01	0.01	-0.06
-32	0.09	-0.01	-0.07	-0.07	0.02	-0.08	-0.06	-0.06	-0.05	-0.08
-30	0.04	-0.02	-0.06	-0.09	0.04	-0.11	-0.12	-0.12	-0.11	-0.11
-28	0.04	-0.01	-0.05	-0.07	0.03	-0.07	-0.13	-0.12	-0.13	-0.11
-26	0.04	0.01	-0.04	-0.05	0.02	-0.03	-0.14	-0.12	-0.15	-0.11
-24	0.04	-0.01	-0.07	-0.05	0.00	0.00	-0.15	-0.14	-0.15	-0.12
-22	0.03	-0.05	-0.12	-0.06	-0.01	0.01	-0.17	-0.17	-0.15	-0.12
-20	0.02	-0.10	-0.17	-0.07	-0.02	0.03	-0.18	-0.20	-0.15	-0.12
-18	0.03	-0.09	-0.18	-0.11	-0.03	-0.01	-0.18	-0.19	-0.12	-0.12
-16	0.05	-0.08	-0.18	-0.15	-0.03	-0.05	-0.18	-0.19	-0.09	-0.12
-14	0.05	-0.07	-0.18	-0.16	-0.03	-0.08	-0.17	-0.18	-0.07	-0.11
-12	0.03	-0.05	-0.18	-0.14	-0.03	-0.09	-0.14	-0.19	-0.04	-0.10
-10	0.02	-0.03	-0.18	-0.12	-0.04	-0.10	-0.10	-0.19	-0.02	-0.09
-8	-0.01	-0.05	-0.16	-0.11	-0.02	-0.08	-0.09	-0.18	-0.01	-0.07
-6	-0.03	-0.07	-0.14	-0.09	-0.01	-0.06	-0.08	-0.17	0.00	-0.06
-4	-0.05	-0.07	-0.14	-0.09	-0.01	-0.06	-0.08	-0.16	-0.01	-0.06
-2	-0.06	-0.05	-0.16	-0.11	-0.03	-0.07	-0.09	-0.16	-0.04	-0.07
0	-0.07	-0.03	-0.18	-0.12	-0.06	-0.08	-0.11	-0.16	-0.07	-0.08
+2	-0.09	-0.04	-0.18	-0.12	-0.05	-0.08	-0.10	-0.15	-0.08	-0.09
+3	-0.10	-0.05	-0.18	-0.12	-0.05	-0.08	-0.09	-0.15	-0.08	-0.09
+4	-0.11	-0.06	-0.18	-0.12	-0.05	-0.08	-0.09	-0.15	-0.09	-0.09
+5	-0.13	-0.07	-0.18	-0.12	-0.05	-0.09	-0.08	-0.15	-0.09	-0.10
+6	-0.15	-0.06	-0.18	-0.12	-0.04	-0.07	-0.08	-0.14	-0.08	-0.08
+7	-0.17	-0.06	-0.19	-0.12	-0.03	-0.06	-0.08	-0.14	-0.07	-0.07
+8	-0.19	-0.05	-0.20	-0.12	-0.02	-0.05	-0.08	-0.14	-0.06	-0.06
+9	-0.21	-0.05	-0.21	-0.12	-0.01	-0.03	-0.08	-0.14	-0.04	-0.05
+10	-0.23	-0.04	-0.22	-0.12	0.00	-0.02	-0.07	-0.14	-0.03	-0.04
+11	-0.21	-0.04	-0.20	-0.10	0.01	-0.01	-0.06	-0.13	-0.01	-0.03
+12	-0.18	-0.04	-0.18	-0.08	0.01	0.00	-0.05	-0.12	0.01	-0.02
+13	-0.16	-0.05	-0.16	-0.06	0.01	0.01	-0.04	-0.11	0.04	-0.01
+14	-0.14	-0.05	-0.14	-0.04	0.02	0.02	-0.03	-0.10	0.06	0.00
+15	-0.11	-0.05	-0.12	-0.02	0.02	0.03	-0.02	-0.10	0.08	0.01
+16	-0.08	-0.01	-0.08	-0.01	0.06	0.03	-0.01	-0.09	0.09	0.02
+17	-0.05	0.02	-0.05	0.01	0.10	0.04	0.00	-0.09	0.09	0.03
+18	-0.03	0.05	-0.02	0.02	0.13	0.04	0.02	-0.09	0.10	0.04
+19	0.00	0.08	0.01	0.04	0.17	0.04	0.03	-0.09	0.10	0.05
+20	0.03	0.11	0.04	0.06	0.20	0.04	0.04	-0.09	0.11	0.06

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	-50.05	-43.36	-14.10	-9.30	-7.17	-11.03	-9.36	-12.75	-10.82	-19.29
25	-53.13	-47.20	-17.66	-12.06	-10.21	-13.91	-13.43	-14.71	-14.05	-16.66
50	-54.36	-50.77	-22.45	-14.36	-10.76	-16.51	-16.44	-17.67	-20.00	-21.80
75	-53.94	-48.41	-20.85	-12.93	-9.82	-17.36	-17.37	-18.52	-18.53	-20.26
100	-53.02	-47.24	-20.57	-12.46	-9.40	-17.59	-17.79	-19.15	-17.69	-18.92
125	-52.38	-32.56	-21.28	-12.75	-9.53	-17.30	-17.94	-19.28	-17.60	-18.73
150	-51.75	-17.87	-21.98	-13.03	-9.66	-17.02	-18.10	-19.41	-17.51	-18.54
175	-50.95	-17.42	-23.02	-13.71	-10.01	-16.88	-17.48	-19.10	-17.48	-18.55
200	-50.15	-16.97	-24.06	-14.39	-10.37	-16.75	-16.87	-18.80	-17.45	-18.55
225	-48.56	-16.76	-25.02	-14.80	-10.70	-16.19	-16.21	-18.17	-17.05	-18.66
250	-46.97	-16.56	-25.98	-15.22	-11.03	-15.64	-15.55	-17.54	-16.65	-18.77
275	-45.70	-16.64	-27.06	-15.61	-11.26	-15.30	-15.02	-16.88	-16.15	-18.37
300	-44.42	-16.71	-28.13	-16.00	-11.50	-14.96	-14.48	-16.22	-15.65	-17.96
325	-30.03	-16.91	-29.66	-16.07	-11.60	-13.39	-13.92	-15.60	-15.03	-17.38
350	-15.64	-17.10	-31.18	-16.14	-11.70	-11.82	-13.35	-14.98	-14.41	-16.81
375	-16.00	-17.48	-32.99	-16.25	-11.83	-11.47	-12.94	-14.42	-13.97	-16.31
400	-16.37	-17.86	-34.80	-16.36	-11.96	-11.11	-12.52	-13.87	-13.52	-15.80
425	-17.01	-18.34	-36.27	-16.31	-12.00	-10.80	-12.13	-13.45	-13.10	-15.26
450	-17.65	-18.82	-37.75	-16.27	-12.03	-10.49	-11.74	-13.04	-12.67	-14.73
475	-18.04	-19.35	-36.44	-16.22	-12.11	-10.11	-11.40	-12.63	-12.37	-14.35
500	-18.43	-19.89	-35.13	-16.16	-12.18	-9.73	-11.07	-12.22	-12.07	-13.97
550	-19.62	-21.24	-31.30	-15.88	-12.21	-9.03	-10.44	-11.67	-11.53	-13.38
600	-20.88	-22.98	-28.80	-15.94	-12.39	-8.01	-9.88	-11.14	-11.18	-12.88
650	-22.22	-24.80	-27.10	-15.93	-12.56	-7.29	-9.32	-10.73	-10.81	-12.43
700	-24.38	-27.15	-25.42	-15.92	-12.74	-6.83	-8.80	-10.31	-10.58	-12.15
750	-26.29	-30.27	-23.60	-15.58	-12.83	-6.36	-8.18	-9.91	-10.31	-11.95
800	-27.85	-32.67	-22.46	-15.52	-12.93	-5.51	-7.71	-9.68	-10.26	-11.82
850	-28.55	-32.38	-21.55	-15.52	-13.17	-4.67	-7.25	-9.51	-10.16	-11.67
900	-27.64	-29.98	-20.72	-15.42	-13.33	-4.12	-6.89	-9.34	-10.07	-11.49
950	-26.91	-27.04	-19.83	-15.45	-13.61	-3.84	-6.69	-9.40	-10.16	-11.50
1000	-22.64	-22.70	-18.42	-15.17	-13.82	-3.54	-6.50	-9.38	-10.15	-11.44
1050	-19.02	-19.42	-17.34	-15.12	-14.09	-3.54	-6.63	-9.77	-10.45	-11.52
1075	-17.81	-18.37	-16.95	-15.11	-14.23	-3.50	-6.78	-10.01	-10.64	-11.60
1100	-16.60	-17.32	-16.57	-15.11	-14.37	-3.46	-6.94	-10.26	-10.84	-11.67
1125	-15.79	-16.65	-16.29	-15.13	-14.56	-3.58	-7.14	-10.51	-11.08	-11.83
1150	-14.99	-15.99	-16.00	-15.15	-14.76	-3.69	-7.35	-10.75	-11.33	-11.99
1175	-14.61	-15.61	-15.90	-15.26	-14.98	-3.81	-7.52	-11.03	-11.49	-12.05
1200	-14.23	-15.24	-15.80	-15.37	-15.20	-3.93	-7.69	-11.31	-11.66	-12.12
1225	-13.90	-14.93	-15.63	-15.43	-15.37	-4.43	-8.18	-11.82	-12.24	-12.60
1250	-13.57	-14.61	-15.45	-15.50	-15.53	-4.94	-8.68	-12.34	-12.83	-13.08
1275	-8.53	-10.10	-11.37	-11.40	-11.57	-10.37	-13.51	-17.02	-19.16	-19.45
1300	-3.49	-5.58	-7.29	-7.31	-7.61	-15.81	-18.35	-21.70	-25.49	-25.82
1325	-3.48	-5.75	-7.50	-7.52	-7.74	-16.14	-18.74	-22.13	-26.15	-26.53
1350	-3.47	-5.92	-7.71	-7.73	-7.87	-16.47	-19.13	-22.57	-26.81	-27.24
1375	-3.43	-6.01	-7.92	-7.85	-7.95	-16.96	-19.63	-23.12	-27.74	-27.82
1400	-3.40	-6.09	-8.13	-7.98	-8.02	-17.45	-20.13	-23.67	-28.66	-28.40
1425	-3.53	-6.25	-8.32	-8.16	-8.14	-18.16	-20.83	-24.24	-29.46	-29.16
1450	-3.67	-6.41	-8.51	-8.35	-8.26	-18.87	-21.53	-24.81	-30.26	-29.91
1475	-3.67	-6.49	-8.70	-8.47	-8.32	-18.86	-21.49	-24.81	-30.16	-30.12
1500	-3.68	-6.57	-8.88	-8.59	-8.39	-18.85	-21.46	-24.82	-30.05	-30.32

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	-115.25	-119.93	-121.43	-121.61	--
25	-126.29	-129.99	-132.32	-132.82	--
50	-129.73	-135.69	-138.37	-138.72	-138.64
75	-127.63	-136.15	-139.27	-140.48	-140.78
100	-128.83	-136.82	-139.90	-141.07	-141.56
125	-128.34	-136.52	-139.72	-141.23	-141.83
150	-127.85	-136.23	-139.54	-141.38	-142.10
175	-127.36	-135.93	-139.36	-141.54	-142.37
200	-126.87	-135.63	-139.18	-141.69	-142.64
225	-126.38	-135.33	-138.99	-141.85	-142.91
250	-125.89	-135.04	-138.81	-142.00	-143.18
275	-125.40	-134.74	-138.63	-142.16	-143.45
300	-124.91	-134.44	-138.45	-142.31	-143.72
325	-124.75	-133.94	-138.06	-142.14	-143.78
350	-124.59	-133.45	-137.67	-141.97	-143.84
375	-124.43	-132.95	-137.27	-141.80	-143.90
400	-124.27	-132.45	-136.88	-141.62	-143.96
425	-124.11	-131.96	-136.49	-141.45	-144.02
450	-123.96	-131.46	-136.10	-141.28	-144.08
475	-123.80	-130.96	-135.70	-141.11	-144.13
500	-123.64	-130.47	-135.31	-140.94	-144.19
550	-123.32	-129.47	-134.53	-140.59	-144.31
600	-123.00	-128.48	-133.74	-140.25	-144.43
650	-121.84	-127.48	-132.90	-139.35	-144.32
700	-120.68	-126.48	-132.06	-138.45	-144.21
750	-119.52	-125.48	-131.22	-137.55	-144.11
800	-118.36	-124.48	-130.38	-136.65	-144.00
850	-117.20	-123.48	-129.54	-135.75	-143.89
900	-116.04	-122.48	-128.70	-134.85	-143.78
950	-115.94	-122.53	-128.67	-134.97	-143.69
1000	-115.83	-122.58	-128.65	-135.10	-143.60
1050	-115.73	-122.63	-128.62	-135.22	-143.51
1075	-115.68	-122.65	-128.61	-135.28	-143.46
1100	-115.63	-122.67	-128.59	-135.34	-143.41
1125	-115.58	-122.70	-128.58	-135.41	-143.37
1150	-115.52	-122.72	-128.57	-135.47	-143.32
1175	-115.47	-122.75	-128.55	-135.53	-143.28
1200	-115.42	-122.77	-128.54	-135.59	-143.23
1225	-115.10	-122.80	-128.48	-135.66	-143.69
1250	-114.78	-122.84	-128.43	-135.73	-144.15
1275	-114.45	-122.87	-128.37	-135.81	-144.61
1300	-114.13	-122.90	-128.31	-135.88	-145.06
1325	-113.81	-122.93	-128.25	-135.95	-145.52
1350	-113.49	-122.97	-128.20	-136.02	-145.98
1375	-113.16	-123.00	-128.14	-136.09	-146.44
1400	-112.84	-123.03	-128.08	-136.16	-146.90
1425	-112.52	-123.06	-128.02	-136.24	-147.36
1450	-112.20	-123.10	-127.97	-136.31	-147.81
1475	-111.87	-123.13	-127.91	-136.38	-148.27
1500	-111.55	-123.16	-127.85	-136.45	-148.73

Freq. (MHz)	Power (dBM) Max
10	23.24
25	22.89
50	23.41
75	24.01
100	24.98
125	25.10
150	25.02
175	25.01
200	24.99
225	24.38
250	24.34
275	24.43
300	24.54
325	24.51
350	24.13
375	23.72
400	23.58
425	23.59
450	23.68
475	23.66
500	23.64
550	23.77
600	23.94
650	24.25
700	24.65
750	24.95
800	25.16
850	25.28
900	25.20
950	25.01
1000	25.00
1050	25.05
1075	25.02
1100	25.02
1125	25.03
1150	25.01
1175	25.02
1200	25.03
1225	25.05
1250	25.02
1275	23.44
1300	23.37
1325	23.40
1350	23.49
1375	23.47
1400	23.43
1425	23.48
1450	23.51
1475	23.48
1500	23.52

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	-115.25	-124.91	-123.00	-116.04	-115.42	-111.55
10	-119.93	-134.44	-128.48	-122.48	-122.77	-123.16
100	-121.43	-138.45	-133.74	-128.70	-128.54	-127.85
1000	-121.61	-142.31	-140.25	-134.85	-135.59	-136.45
10000	--	-143.72	-144.43	-143.78	-143.23	-148.73

Freq. (MHz)	Spurious (dBc)	
	Far	Near
10	-64.94	-79.84
25	-71.66	-80.29
50	-70.66	-77.47
75	-67.03	-82.25
100	-68.63	-79.40
125	-69.20	-78.56
150	-69.77	-77.72
175	-69.55	-78.16
200	-69.32	-78.60
225	-69.79	-78.43
250	-70.25	-78.27
275	-69.84	-78.58
300	-69.43	-78.88
325	-68.76	-78.28
350	-68.08	-77.68
375	-68.39	-78.35
400	-68.70	-79.02
425	-69.47	-78.35
450	-70.24	-77.68
475	-69.82	-77.76
500	-69.40	-77.83
550	-69.47	-77.89
600	-69.52	-78.48
650	-69.01	-77.99
700	-69.28	-77.62
750	-68.65	-76.93
800	-69.90	-76.23
850	-69.55	-77.48
900	-70.13	-78.47
950	-68.33	-78.65
1000	-69.63	-77.36
1050	-69.13	-77.43
1075	-69.47	-77.06
1100	-69.82	-76.70
1125	-69.20	-77.32
1150	-68.58	-77.95
1175	-68.71	-78.41
1200	-68.84	-78.88
1225	-68.95	-78.52
1250	-69.06	-78.16
1275	-68.79	-77.55
1300	-68.53	-76.94
1325	-69.60	-76.22
1350	-70.67	-75.51
1375	-69.29	-76.52
1400	-67.91	-77.54
1425	-68.56	-78.02
1450	-69.22	-78.51
1475	-69.31	-78.07
1500	-69.41	-77.63

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	-0.58	-0.15	-0.19	-0.36	-0.34	-0.15	-0.28	-0.45	-0.14	-0.07
25	-0.14	-0.11	-0.17	-0.21	-0.16	-0.15	-0.22	-0.30	-0.05	0.53
50	-0.10	-0.16	-0.16	-0.22	0.12	-0.05	-0.19	-0.24	-0.15	0.16
75	-0.14	-0.12	-0.16	-0.20	0.14	-0.08	-0.19	-0.16	-0.16	0.24
100	-0.09	-0.25	-0.16	-0.19	0.04	-0.08	-0.20	-0.26	-0.18	0.28
125	-0.13	-0.19	-0.20	-0.24	0.04	-0.11	-0.22	-0.32	-0.24	0.12
150	-0.23	-0.22	-0.19	-0.18	0.01	-0.11	-0.17	-0.21	-0.13	0.14
175	-0.25	-0.26	-0.21	-0.24	-0.14	-0.22	-0.26	-0.29	-0.28	0.00
200	-0.16	-0.17	-0.09	0.02	-0.09	-0.22	-0.21	-0.27	-0.15	0.13
225	-0.18	-0.24	-0.26	0.16	-0.12	-0.15	-0.21	-0.24	-0.21	0.05
250	-0.22	-0.20	-0.22	0.21	-0.07	-0.17	-0.17	-0.16	-0.10	0.09
275	-0.24	-0.23	-0.24	-0.03	-0.26	-0.26	-0.30	-0.35	-0.29	-0.05
300	-0.19	-0.22	-0.22	-0.03	-0.23	-0.32	-0.31	-0.30	-0.23	-0.05
325	-0.24	-0.24	-0.22	0.09	-0.10	-0.18	-0.18	-0.18	-0.17	0.03
350	-0.30	-0.25	-0.25	0.10	-0.11	-0.19	-0.19	-0.14	-0.07	0.16
375	-0.20	-0.17	-0.18	0.07	-0.08	-0.24	-0.21	-0.20	-0.10	0.10
400	-0.14	-0.20	-0.17	0.00	-0.20	-0.23	-0.23	-0.19	-0.10	0.02
425	-0.20	-0.24	-0.23	-0.02	-0.18	-0.26	-0.27	-0.17	-0.10	0.00
450	-0.19	-0.28	-0.26	0.03	-0.11	-0.19	-0.19	-0.12	-0.07	0.06
475	-0.20	-0.24	-0.20	-0.03	-0.15	-0.18	-0.23	-0.19	-0.16	0.04
500	-0.13	-0.15	-0.12	-0.05	-0.19	-0.16	-0.22	-0.20	-0.16	0.07
550	-0.26	-0.27	-0.22	-0.04	-0.20	-0.20	-0.14	-0.09	-0.12	0.11
600	-0.19	-0.16	-0.12	0.02	-0.17	-0.25	-0.25	-0.20	-0.13	0.05
650	-0.22	-0.23	-0.18	-0.12	-0.25	-0.28	-0.26	-0.23	-0.16	0.01
700	-0.24	-0.15	-0.12	-0.07	-0.26	-0.21	-0.24	-0.21	-0.13	-0.02
750	-0.21	-0.20	-0.16	0.03	-0.12	-0.19	-0.15	-0.12	-0.05	-0.01
800	-0.12	-0.19	-0.15	-0.09	-0.21	-0.24	-0.22	-0.13	-0.09	-0.05
850	-0.15	-0.15	-0.14	-0.02	-0.13	-0.12	-0.12	-0.14	-0.08	0.05
900	-0.20	-0.19	-0.14	-0.03	-0.17	-0.23	-0.22	-0.11	-0.07	0.03
950	-0.15	-0.15	-0.13	-0.12	-0.18	-0.23	-0.22	-0.18	-0.12	0.01
1000	-0.17	-0.20	-0.15	-0.06	-0.18	-0.24	-0.20	-0.17	-0.15	-0.03
1050	-0.10	-0.15	-0.08	-0.17	-0.25	-0.24	-0.21	-0.18	-0.11	0.04
1075	-0.15	-0.16	-0.09	-0.22	-0.31	-0.31	-0.28	-0.23	-0.18	-0.02
1100	-0.19	-0.16	-0.11	-0.18	-0.30	-0.32	-0.29	-0.25	-0.22	-0.06
1125	-0.15	-0.16	-0.03	-0.10	-0.31	-0.32	-0.29	-0.29	-0.19	-0.04
1150	-0.14	-0.12	-0.09	-0.14	-0.38	-0.30	-0.32	-0.31	-0.16	0.01
1175	-0.13	-0.14	-0.10	-0.08	-0.36	-0.27	-0.27	-0.24	-0.18	0.04
1200	-0.17	-0.16	-0.10	-0.11	-0.29	-0.29	-0.27	-0.20	-0.19	0.06
1225	-0.17	-0.16	-0.10	-0.08	-0.30	-0.28	-0.25	-0.19	-0.19	0.02
1250	-0.11	-0.12	-0.06	-0.16	-0.35	-0.31	-0.22	-0.14	-0.19	-0.03
1275	-0.11	-0.11	0.18	-0.11	-0.18	-0.13	-0.10	-0.06	-0.06	0.16
1300	-0.18	-0.19	0.07	-0.10	-0.16	-0.20	-0.11	-0.09	-0.07	0.12
1325	-0.15	-0.17	0.09	-0.15	-0.20	-0.18	-0.17	-0.09	-0.08	0.14
1350	-0.06	-0.09	0.11	-0.16	-0.21	-0.17	-0.20	-0.11	0.00	0.16
1375	-0.09	-0.10	0.17	-0.12	-0.18	-0.15	-0.15	-0.08	-0.05	0.16
1400	-0.19	-0.17	0.12	-0.04	-0.23	-0.17	-0.14	-0.05	-0.09	0.11
1425	-0.11	-0.09	-0.09	-0.04	-0.17	-0.21	-0.16	-0.04	-0.05	0.17
1450	-0.09	-0.14	-0.07	-0.20	-0.28	-0.22	-0.19	-0.11	-0.06	0.14
1475	-0.08	-0.11	-0.08	-0.12	-0.21	-0.21	-0.19	-0.13	-0.07	0.11
1500	-0.10	-0.10	-0.14	-0.13	-0.15	-0.22	-0.20	-0.15	-0.10	0.06

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	-0.58	-0.23	-0.19	-0.19	-0.21	-0.20	-0.10	-0.17	-0.06	-0.10
-54	-0.50	-0.23	-0.20	-0.18	-0.21	-0.19	-0.11	-0.17	-0.07	-0.10
-53	-0.41	-0.23	-0.20	-0.18	-0.21	-0.19	-0.12	-0.17	-0.07	-0.10
-52	-0.32	-0.22	-0.21	-0.17	-0.20	-0.19	-0.13	-0.17	-0.08	-0.10
-51	-0.24	-0.22	-0.21	-0.17	-0.20	-0.19	-0.14	-0.17	-0.08	-0.10
-50	-0.15	-0.22	-0.22	-0.16	-0.20	-0.19	-0.15	-0.16	-0.09	-0.10
-48	-0.19	-0.22	-0.21	-0.16	-0.20	-0.19	-0.12	-0.15	-0.10	-0.11
-46	-0.23	-0.22	-0.20	-0.17	-0.19	-0.19	-0.09	-0.14	-0.11	-0.13
-44	-0.24	-0.21	-0.20	-0.16	-0.19	-0.18	-0.08	-0.13	-0.07	-0.14
-42	-0.21	-0.20	-0.21	-0.14	-0.18	-0.16	-0.08	-0.12	0.02	-0.14
-40	-0.19	-0.19	-0.22	-0.12	-0.16	-0.14	-0.08	-0.10	0.11	-0.14
-38	-0.23	-0.19	-0.10	-0.03	-0.01	-0.08	-0.03	-0.08	0.06	-0.08
-36	-0.27	-0.20	0.01	0.07	0.15	-0.02	0.03	-0.05	0.01	-0.03
-34	-0.30	-0.20	0.05	0.09	0.19	0.00	0.01	-0.05	-0.05	-0.02
-32	-0.33	-0.19	0.01	0.05	0.11	-0.01	-0.08	-0.08	-0.10	-0.07
-30	-0.36	-0.18	-0.03	0.02	0.03	-0.03	-0.17	-0.11	-0.16	-0.13
-28	-0.37	-0.07	-0.08	-0.01	0.01	-0.04	-0.17	-0.17	-0.19	-0.14
-26	-0.38	0.04	-0.12	-0.03	-0.01	-0.06	-0.18	-0.24	-0.22	-0.16
-24	-0.38	0.08	-0.16	-0.07	-0.04	-0.09	-0.19	-0.28	-0.23	-0.17
-22	-0.36	0.05	-0.20	-0.12	-0.08	-0.13	-0.22	-0.28	-0.22	-0.16
-20	-0.34	0.01	-0.23	-0.17	-0.12	-0.17	-0.25	-0.29	-0.21	-0.15
-18	-0.28	-0.02	-0.24	-0.21	-0.16	-0.19	-0.27	-0.30	-0.23	-0.18
-16	-0.21	-0.05	-0.25	-0.25	-0.20	-0.21	-0.29	-0.32	-0.25	-0.21
-14	-0.18	-0.07	-0.27	-0.26	-0.22	-0.22	-0.28	-0.32	-0.25	-0.23
-12	-0.16	-0.09	-0.29	-0.26	-0.20	-0.23	-0.26	-0.30	-0.21	-0.22
-10	-0.15	-0.11	-0.32	-0.25	-0.19	-0.23	-0.24	-0.29	-0.17	-0.22
-8	-0.17	-0.11	-0.31	-0.24	-0.18	-0.24	-0.24	-0.28	-0.18	-0.21
-6	-0.18	-0.11	-0.31	-0.22	-0.18	-0.25	-0.24	-0.28	-0.19	-0.21
-4	-0.21	-0.13	-0.30	-0.22	-0.17	-0.25	-0.23	-0.28	-0.20	-0.21
-2	-0.24	-0.15	-0.31	-0.23	-0.16	-0.23	-0.22	-0.27	-0.20	-0.20
0	-0.28	-0.17	-0.31	-0.25	-0.15	-0.22	-0.21	-0.27	-0.20	-0.20
+2	-0.37	-0.15	-0.31	-0.24	-0.16	-0.21	-0.20	-0.27	-0.20	-0.19
+3	-0.41	-0.15	-0.31	-0.24	-0.17	-0.21	-0.19	-0.26	-0.20	-0.18
+4	-0.46	-0.14	-0.32	-0.24	-0.17	-0.20	-0.19	-0.26	-0.21	-0.18
+5	-0.50	-0.13	-0.32	-0.23	-0.18	-0.20	-0.18	-0.26	-0.21	-0.17
+6	-0.49	-0.15	-0.32	-0.23	-0.16	-0.18	-0.18	-0.24	-0.19	-0.17
+7	-0.48	-0.16	-0.31	-0.22	-0.15	-0.16	-0.18	-0.23	-0.17	-0.17
+8	-0.47	-0.18	-0.31	-0.21	-0.14	-0.14	-0.18	-0.22	-0.15	-0.16
+9	-0.46	-0.19	-0.31	-0.21	-0.13	-0.12	-0.18	-0.21	-0.13	-0.16
+10	-0.45	-0.21	-0.30	-0.20	-0.12	-0.11	-0.18	-0.20	-0.11	-0.15
+11	-0.38	-0.19	-0.29	-0.19	-0.10	-0.10	-0.16	-0.20	-0.09	-0.14
+12	-0.32	-0.18	-0.28	-0.17	-0.09	-0.09	-0.15	-0.20	-0.07	-0.13
+13	-0.26	-0.16	-0.26	-0.16	-0.08	-0.09	-0.13	-0.19	-0.05	-0.12
+14	-0.20	-0.15	-0.25	-0.14	-0.07	-0.08	-0.12	-0.19	-0.03	-0.11
+15	-0.14	-0.13	-0.23	-0.13	-0.05	-0.07	-0.11	-0.19	0.00	-0.10
+16	-0.12	-0.08	-0.20	-0.09	-0.04	-0.05	-0.08	-0.14	0.03	-0.07
+17	-0.11	-0.02	-0.16	-0.06	-0.04	-0.03	-0.05	-0.09	0.06	-0.04
+18	-0.09	0.03	-0.12	-0.02	-0.03	-0.01	-0.02	-0.04	0.10	-0.01
+19	-0.08	0.09	-0.08	0.01	-0.02	0.01	0.01	0.01	0.13	0.03
+20	-0.07	0.14	-0.05	0.05	-0.01	0.03	0.04	0.06	0.16	0.06

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	-52.05	-42.50	-15.01	-9.89	-8.10	-10.40	-8.13	-12.87	-11.00	-16.35
25	-53.78	-44.91	-19.43	-13.18	-11.12	-13.68	-13.03	-14.74	-14.32	-15.88
50	-61.37	-26.84	-23.59	-15.10	-10.96	-16.57	-17.02	-17.45	-19.27	-21.28
75	-55.63	-23.70	-22.10	-13.74	-10.09	-17.51	-18.37	-18.50	-18.46	-20.74
100	-53.46	-21.13	-22.03	-13.43	-9.74	-17.79	-19.03	-19.25	-18.00	-19.50
125	-52.43	-19.79	-22.73	-13.76	-9.91	-17.53	-18.63	-19.32	-17.94	-19.30
150	-51.39	-18.45	-23.43	-14.09	-10.08	-17.26	-18.23	-19.39	-17.88	-19.10
175	-33.86	-18.01	-24.33	-14.78	-10.45	-16.66	-17.60	-19.02	-17.76	-19.15
200	-16.33	-17.57	-25.22	-15.48	-10.83	-16.05	-16.97	-18.64	-17.64	-19.20
225	-16.17	-17.40	-26.03	-15.93	-11.13	-15.35	-16.32	-18.02	-17.19	-19.12
250	-16.00	-17.22	-26.84	-16.38	-11.43	-14.65	-15.67	-17.40	-16.74	-19.03
275	-16.08	-17.33	-27.72	-16.78	-11.61	-14.14	-15.16	-16.76	-16.24	-18.40
300	-16.17	-17.43	-28.61	-17.18	-11.80	-13.64	-14.65	-16.13	-15.75	-17.78
325	-16.33	-17.67	-30.00	-17.21	-11.95	-12.94	-14.11	-15.56	-15.15	-17.46
350	-16.49	-17.91	-31.38	-17.25	-12.10	-12.25	-13.57	-14.99	-14.56	-17.14
375	-16.85	-18.30	-33.03	-17.33	-12.19	-11.86	-13.17	-14.48	-14.15	-16.52
400	-17.21	-18.70	-34.67	-17.41	-12.28	-11.47	-12.78	-13.97	-13.73	-15.90
425	-17.83	-19.20	-36.27	-17.35	-12.30	-11.13	-12.39	-13.59	-13.33	-15.38
450	-18.46	-19.71	-37.87	-17.30	-12.33	-10.80	-12.01	-13.21	-12.92	-14.87
475	-18.91	-20.30	-37.04	-17.26	-12.44	-10.44	-11.70	-12.84	-12.65	-14.57
500	-19.36	-20.90	-36.22	-17.23	-12.54	-10.09	-11.38	-12.47	-12.38	-14.27
550	-20.55	-22.28	-32.63	-16.88	-12.53	-9.42	-10.79	-11.99	-11.88	-13.63
600	-21.89	-24.07	-29.88	-16.84	-12.68	-8.52	-10.27	-11.49	-11.53	-13.13
650	-23.17	-25.85	-27.92	-16.84	-12.85	-7.77	-9.73	-11.12	-11.20	-12.70
700	-25.01	-27.93	-26.19	-16.71	-12.96	-7.28	-9.25	-10.74	-10.95	-12.38
750	-26.44	-29.99	-24.38	-16.37	-13.03	-6.88	-8.69	-10.39	-10.71	-12.18
800	-26.95	-30.40	-23.06	-16.24	-13.13	-6.06	-8.24	-10.18	-10.69	-12.10
850	-26.49	-29.07	-22.03	-16.22	-13.38	-5.34	-7.86	-10.04	-10.60	-12.01
900	-25.51	-27.38	-21.17	-16.06	-13.54	-4.83	-7.51	-9.89	-10.54	-11.89
950	-24.85	-25.50	-20.31	-16.08	-13.83	-4.57	-7.40	-10.01	-10.65	-11.91
1000	-21.55	-22.06	-18.90	-15.73	-14.01	-4.38	-7.31	-10.10	-10.70	-11.83
1050	-18.49	-19.21	-17.78	-15.65	-14.32	-4.50	-7.55	-10.55	-11.08	-12.00
1075	-17.43	-18.25	-17.36	-15.62	-14.45	-4.47	-7.73	-10.83	-11.29	-12.08
1100	-16.38	-17.28	-16.95	-15.58	-14.59	-4.43	-7.92	-11.11	-11.50	-12.17
1125	-15.61	-16.63	-16.63	-15.59	-14.76	-4.63	-8.16	-11.39	-11.77	-12.32
1150	-14.85	-15.99	-16.31	-15.59	-14.93	-4.83	-8.40	-11.66	-12.04	-12.48
1175	-14.44	-15.57	-16.14	-15.64	-15.16	-4.94	-8.58	-11.95	-12.21	-12.57
1200	-14.02	-15.15	-15.98	-15.69	-15.39	-5.05	-8.76	-12.23	-12.39	-12.66
1225	-13.66	-14.81	-15.76	-15.71	-15.52	-5.46	-9.16	-12.65	-12.85	-13.00
1250	-13.30	-14.47	-15.54	-15.72	-15.65	-5.87	-9.56	-13.07	-13.31	-13.35
1275	-9.12	-10.81	-12.14	-12.07	-12.00	-11.91	-15.28	-18.93	-20.99	-20.35
1300	-4.94	-7.15	-8.74	-8.42	-8.36	-17.95	-21.01	-24.79	-28.68	-27.34
1325	-5.01	-7.36	-8.97	-8.65	-8.50	-18.45	-21.58	-25.32	-29.45	-28.10
1350	-5.08	-7.56	-9.20	-8.89	-8.64	-18.94	-22.16	-25.85	-30.22	-28.86
1375	-5.05	-7.67	-9.43	-9.01	-8.73	-19.60	-22.87	-26.55	-31.22	-29.27
1400	-5.03	-7.78	-9.66	-9.14	-8.82	-20.26	-23.58	-27.24	-32.23	-29.69
1425	-5.17	-7.95	-9.87	-9.34	-8.93	-21.10	-24.39	-27.72	-32.69	-30.40
1450	-5.32	-8.13	-10.07	-9.54	-9.05	-21.94	-25.19	-28.20	-33.16	-31.10
1475	-5.32	-8.23	-10.25	-9.67	-9.11	-21.92	-25.05	-27.92	-32.63	-31.29
1500	-5.33	-8.34	-10.44	-9.80	-9.18	-21.89	-24.91	-27.64	-32.10	-31.48

Signal Generator

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	-116.93	-120.61	-121.76	-121.58	--
25	-125.64	-130.91	-132.49	-132.57	--
50	-127.64	-135.55	-137.37	-137.94	-137.96
75	-131.02	-135.62	-138.83	-139.54	-139.77
100	-128.05	-137.21	-139.80	-140.25	-140.54
125	-127.82	-136.72	-139.52	-140.42	-140.84
150	-127.59	-136.24	-139.24	-140.59	-141.14
175	-127.36	-135.75	-138.96	-140.75	-141.44
200	-127.13	-135.26	-138.69	-140.92	-141.74
225	-126.89	-134.77	-138.41	-141.09	-142.04
250	-126.66	-134.29	-138.13	-141.26	-142.34
275	-126.43	-133.80	-137.85	-141.42	-142.64
300	-126.20	-133.31	-137.57	-141.59	-142.94
325	-125.64	-132.82	-137.20	-141.40	-143.02
350	-125.08	-132.32	-136.83	-141.22	-143.10
375	-124.51	-131.83	-136.46	-141.03	-143.19
400	-123.95	-131.34	-136.09	-140.85	-143.27
425	-123.39	-130.84	-135.72	-140.66	-143.35
450	-122.83	-130.35	-135.35	-140.48	-143.43
475	-122.26	-129.86	-134.98	-140.29	-143.51
500	-121.70	-129.36	-134.61	-140.10	-143.59
550	-120.58	-128.38	-133.87	-139.73	-143.76
600	-119.45	-127.39	-133.13	-139.36	-143.92
650	-118.47	-126.84	-132.31	-138.61	-143.86
700	-117.49	-126.29	-131.48	-137.86	-143.80
750	-116.51	-125.74	-130.66	-137.11	-143.74
800	-115.52	-125.19	-129.83	-136.35	-143.68
850	-114.54	-124.64	-129.01	-135.60	-143.62
900	-113.56	-124.09	-128.18	-134.85	-143.56
950	-113.87	-124.08	-128.17	-135.01	-143.49
1000	-114.17	-124.08	-128.16	-135.17	-143.41
1050	-114.48	-124.07	-128.16	-135.33	-143.34
1075	-114.63	-124.07	-128.15	-135.40	-143.30
1100	-114.79	-124.06	-128.15	-135.48	-143.27
1125	-114.94	-124.06	-128.14	-135.56	-143.23
1150	-115.09	-124.06	-128.14	-135.64	-143.19
1175	-115.25	-124.05	-128.13	-135.72	-143.16
1200	-115.40	-124.05	-128.13	-135.80	-143.12
1225	-115.02	-123.87	-128.02	-135.80	-143.58
1250	-114.63	-123.70	-127.90	-135.80	-144.03
1275	-114.25	-123.52	-127.79	-135.80	-144.49
1300	-113.87	-123.34	-127.67	-135.80	-144.94
1325	-113.48	-123.17	-127.56	-135.80	-145.40
1350	-113.10	-122.99	-127.45	-135.80	-145.85
1375	-112.72	-122.81	-127.33	-135.79	-146.31
1400	-112.33	-122.64	-127.22	-135.79	-146.76
1425	-111.95	-122.46	-127.10	-135.79	-147.22
1450	-111.57	-122.28	-126.99	-135.79	-147.67
1475	-111.18	-122.11	-126.87	-135.79	-148.13
1500	-110.80	-121.93	-126.76	-135.79	-148.58

Freq. (MHz)	Power (dBM) Max
10	23.01
25	22.73
50	23.12
75	23.61
100	24.01
125	24.12
150	24.04
175	23.98
200	23.91
225	23.86
250	23.84
275	23.90
300	23.81
325	23.37
350	23.01
375	22.90
400	22.91
425	23.04
450	23.22
475	23.30
500	23.32
550	23.43
600	23.49
650	23.69
700	24.02
750	24.33
800	24.67
850	24.97
900	24.96
950	25.04
1000	24.91
1050	25.04
1075	25.04
1100	25.02
1125	25.05
1150	25.04
1175	25.05
1200	25.06
1225	25.07
1250	25.04
1275	23.16
1300	23.08
1325	23.12
1350	23.20
1375	23.18
1400	23.15
1425	23.18
1450	23.22
1475	23.20
1500	23.23

Signal Generator

SSG-1R5G-RC

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	-116.93	-126.20	-119.45	-113.56	-115.40	-110.80
10	-120.61	-133.31	-127.39	-124.09	-124.05	-121.93
100	-121.76	-137.57	-133.13	-128.18	-128.13	-126.76
1000	-121.58	-141.59	-139.36	-134.85	-135.80	-135.79
10000	--	-142.94	-143.92	-143.56	-143.12	-148.58

Freq. (MHz)	Spurious (dBc)	
	Far	Near
10	-65.92	-80.44
25	-70.71	-78.41
50	-69.06	-79.13
75	-65.38	-78.33
100	-69.75	-79.84
125	-70.16	-79.01
150	-70.56	-78.18
175	-70.21	-79.05
200	-69.86	-79.92
225	-69.73	-79.06
250	-69.60	-78.20
275	-69.35	-77.97
300	-69.10	-77.74
325	-69.42	-78.55
350	-69.73	-79.36
375	-69.32	-78.09
400	-68.91	-76.81
425	-69.02	-76.04
450	-69.13	-75.28
475	-69.00	-76.99
500	-68.88	-78.70
550	-68.32	-78.11
600	-67.44	-76.58
650	-69.29	-77.30
700	-68.63	-78.11
750	-68.87	-77.97
800	-69.00	-77.08
850	-69.11	-76.39
900	-69.83	-77.64
950	-68.44	-76.77
1000	-68.95	-77.58
1050	-68.59	-76.21
1075	-68.74	-77.17
1100	-68.89	-78.12
1125	-68.76	-78.61
1150	-68.63	-79.10
1175	-68.99	-77.36
1200	-69.34	-75.62
1225	-68.80	-77.35
1250	-68.27	-79.07
1275	-69.12	-77.54
1300	-69.98	-76.00
1325	-69.60	-77.19
1350	-69.23	-78.38
1375	-68.95	-77.30
1400	-68.67	-76.23
1425	-68.70	-77.18
1450	-68.74	-78.13
1475	-68.55	-77.75
1500	-68.36	-77.37

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