

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.0	8.94	1226.85	1224.06	1222.14	5.47	5.22	4.66	-26.28	-27.68	-39.77	0.05	1	-93
0.5	8.09	1231.08	1228.35	1226.49	5.61	5.38	4.86	-25.91	-27.37	-38.36	0.06	10	-119
1.0	7.71	1235.03	1232.28	1230.40	5.71	5.51	5.00	-25.60	-27.02	-37.26	0.05	100	-139
1.5	7.62	1238.89	1236.10	1234.19	5.81	5.61	5.13	-25.31	-26.74	-36.23	0.05	1000	-159
2.0	7.65	1242.74	1239.91	1237.95	5.89	5.72	5.24	-25.12	-26.51	-35.32	0.04		
2.5	7.72	1246.63	1243.76	1241.74	5.95	5.80	5.34	-24.94	-26.29	-34.55	0.04		
3.0	7.79	1250.56	1247.64	1245.58	6.02	5.87	5.43	-24.76	-26.09	-33.75	0.03		
3.5	7.82	1254.50	1251.54	1249.44	6.08	5.95	5.52	-24.65	-25.76	-32.94	0.02		
4.0	7.83	1258.45	1255.45	1253.32	6.12	6.00	5.59	-24.47	-25.71	-32.40	0.00		
4.5	7.79	1262.37	1259.36	1257.20	6.15	6.03	5.63	-24.35	-25.65	-32.10	-0.01		
5.0	7.75	1266.28	1263.24	1261.06	6.14	6.04	5.67	-24.21	-26.01	-32.34	-0.01		
5.5	7.63	1270.15	1267.09	1264.87	6.11	6.03	5.69	-24.16	-26.19	-32.95	-0.02		
6.0	7.57	1274.00	1270.89	1268.64	6.06	6.02	5.73	-24.14	-26.67	-34.76	-0.02		
6.5	7.41	1277.77	1274.64	1272.36	6.02	6.01	5.73	-23.99	-26.28	-36.75	-0.02		
7.0	7.29	1281.49	1278.31	1276.00	5.98	6.00	5.76	-23.91	-26.27	-37.92	-0.02		
7.5	7.13	1285.12	1281.92	1279.59	6.01	5.99	5.79	-23.69	-25.88	-39.83	-0.02		
8.0	6.96	1288.66	1285.44	1283.10	5.98	5.98	5.78	-23.52	-25.36	-38.60	-0.02		
8.5	6.82	1292.13	1288.88	1286.53	6.00	6.00	5.82	-23.35	-25.30	-38.73	-0.03		
9.0	6.63	1295.51	1292.25	1289.88	6.03	6.02	5.84	-23.23	-25.00	-37.83	-0.03		
9.5	6.43	1298.79	1295.51	1293.14	6.04	6.04	5.86	-23.12	-24.73	-36.48	-0.04		
10.0	6.24	1301.97	1298.68	1296.31	6.06	6.07	5.89	-23.10	-24.62	-36.31	-0.05		
10.5	6.02	1305.05	1301.75	1299.37	6.09	6.10	5.93	-23.04	-24.46	-35.94	-0.05		
11.0	5.77	1308.00	1304.70	1302.32	6.12	6.13	5.96	-22.98	-24.28	-35.12	-0.06		
11.5	5.51	1310.83	1307.51	1305.15	6.15	6.17	6.00	-22.91	-24.13	-34.51	-0.07		
12.0	5.31	1313.55	1310.22	1307.86	6.20	6.22	6.05	-22.84	-24.08	-34.33	-0.08		
12.5	5.07	1316.15	1312.82	1310.45	6.23	6.25	6.09	-22.78	-23.94	-33.75	-0.09		
13.0	4.81	1318.63	1315.29	1312.92	6.26	6.28	6.12	-22.77	-23.87	-33.17	-0.09		
13.5	4.57	1320.98	1317.63	1315.27	6.28	6.31	6.16	-22.75	-23.91	-32.81	-0.09		
14.0	4.34	1323.21	1319.86	1317.50	6.30	6.33	6.18	-22.76	-23.90	-32.69	-0.10		
14.5	4.10	1325.32	1321.97	1319.61	6.33	6.36	6.21	-22.79	-23.90	-32.49	-0.09		
15.0	3.88	1327.32	1323.96	1321.61	6.34	6.37	6.22	-22.76	-23.79	-32.00	-0.10		
15.5	3.66	1329.20	1325.84	1323.50	6.37	6.39	6.24	-22.77	-23.78	-31.51	-0.10		
16.0	3.47	1330.98	1327.63	1325.28	6.37	6.40	6.25	-22.82	-23.87	-31.21	-0.10		
16.5	3.28	1332.67	1329.31	1326.97	6.37	6.41	6.27	-22.83	-24.09	-31.03	-0.10		
17.0	3.11	1334.32	1330.91	1328.57	6.30	6.40	6.27	-22.88	-24.62	-31.30	-0.09		
17.5	2.98	1335.88	1332.43	1330.08	6.25	6.35	6.25	-22.93	-25.57	-33.13	-0.08		
18.0	2.79	1337.31	1333.88	1331.50	6.27	6.32	6.24	-23.03	-25.96	-37.87	-0.07		
18.5	2.58	1338.65	1335.22	1332.84	6.29	6.33	6.23	-23.01	-25.48	-40.63	-0.07		
19.0	2.38	1339.89	1336.46	1334.07	6.29	6.34	6.22	-22.95	-25.01	-38.92	-0.08		
19.5	2.19	1341.04	1337.60	1335.21	6.31	6.36	6.25	-22.96	-24.79	-37.38	-0.08		
20.0	2.03	1342.10	1338.64	1336.25	6.31	6.37	6.25	-22.98	-24.61	-36.47	-0.09		