

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	135.36	804.61	791.04	775.10	3.88	4.85	5.39	-11.07	-13.22	-31.82	-0.77	1	-75
0.5	111.68	864.77	853.63	839.68	3.87	4.82	5.29	-11.39	-12.85	-33.32	-0.13	10	-100
1.0	97.28	915.71	905.47	892.16	3.90	4.81	5.30	-11.13	-12.37	-34.40	0.13	100	-120
1.5	89.92	961.79	952.13	939.20	3.91	4.86	5.28	-10.82	-12.84	-34.42	0.64	1000	-140
2.0	85.12	1005.06	995.71	983.10	3.98	4.89	5.31	-10.28	-13.23	-32.21	0.77		
2.5	82.24	1046.66	1037.50	1024.70	4.06	4.97	5.41	-9.51	-13.56	-30.48	0.77		
3.0	79.36	1086.66	1077.82	1064.90	4.19	5.08	5.42	-9.29	-14.46	-29.96	0.90		
3.5	77.12	1125.70	1117.12	1104.19	4.41	5.23	5.60	-8.80	-15.84	-29.13	0.90		
4.0	75.52	1163.78	1155.20	1142.34	4.56	5.36	5.72	-8.23	-17.31	-28.76	0.77		
4.5	73.92	1200.83	1192.45	1179.78	4.75	5.51	5.78	-8.03	-18.49	-27.05	0.77		
5.0	72.64	1237.31	1229.06	1216.64	4.91	5.62	5.80	-8.13	-19.63	-27.26	0.64		
5.5	71.04	1272.96	1264.96	1252.42	5.01	5.74	5.93	-8.45	-21.09	-27.29	0.51		
6.0	69.44	1307.97	1300.10	1287.36	5.12	5.78	6.02	-8.66	-22.68	-26.72	0.38		
6.5	68.48	1342.34	1334.53	1321.79	5.16	5.86	6.02	-8.77	-24.17	-27.45	0.26		
7.0	66.56	1376.06	1368.45	1355.78	5.29	5.91	6.00	-9.19	-25.77	-28.34	0.00		
7.5	66.56	1409.54	1401.79	1389.31	5.29	5.89	6.03	-9.32	-28.03	-28.86	0.00		
8.0	65.92	1442.56	1434.82	1422.66	5.31	5.97	6.00	-9.75	-30.58	-29.14	-0.26		
8.5	65.28	1475.26	1467.84	1455.74	5.36	5.87	5.82	-9.99	-34.53	-30.07	-0.26		
9.0	64.32	1507.58	1500.29	1488.06	5.33	5.88	5.87	-10.42	-38.85	-30.32	-0.26		
9.5	63.04	1539.39	1532.16	1519.81	5.34	5.84	5.75	-10.46	-43.87	-30.49	-0.38		
10.0	62.40	1570.62	1563.52	1550.98	5.33	5.77	5.68	-10.64	-41.21	-30.51	-0.38		
10.5	61.44	1601.41	1594.43	1581.57	5.30	5.69	5.55	-10.94	-38.54	-30.00	-0.38		
11.0	60.16	1631.49	1624.58	1611.97	5.22	5.62	5.43	-11.78	-38.75	-30.34	-0.38		
11.5	58.24	1660.99	1654.21	1641.92	5.10	5.49	5.33	-12.24	-37.76	-30.83	-0.51		
12.0	57.60	1689.98	1683.07	1671.23	4.96	5.41	5.29	-12.86	-37.39	-30.50	-0.38		
12.5	55.68	1718.08	1711.62	1699.90	4.88	5.25	5.09	-13.27	-37.83	-30.81	-0.38		
13.0	54.72	1745.60	1739.26	1727.17	4.77	5.22	5.05	-13.95	-39.19	-31.39	-0.26		
13.5	52.48	1772.03	1765.95	1753.66	4.61	5.01	4.85	-14.27	-38.81	-30.57	0.00		
14.0	50.56	1797.57	1791.62	1778.94	4.51	4.94	4.77	-14.63	-38.21	-31.08	0.00		
14.5	48.64	1822.08	1816.32	1803.39	4.35	4.76	4.65	-14.81	-36.85	-31.03	0.38		
15.0	46.72	1845.63	1839.87	1827.14	4.20	4.62	4.48	-15.24	-36.89	-31.08	0.26		
15.5	44.80	1868.29	1862.53	1850.05	4.06	4.48	4.35	-15.91	-34.76	-31.68	0.64		
16.0	42.56	1890.05	1884.48	1872.26	3.82	4.24	4.15	-16.40	-34.23	-31.55	0.77		
16.5	40.64	1910.78	1905.34	1893.50	3.75	4.17	4.02	-16.95	-33.73	-32.26	1.02		
17.0	40.00	1931.01	1925.63	1913.98	3.48	3.95	3.89	-17.17	-32.97	-35.14	1.15		
17.5	37.44	1950.21	1945.02	1933.63	3.28	3.71	3.62	-17.54	-32.16	-34.13	1.28		
18.0	36.48	1968.64	1963.46	1951.94	3.19	3.60	3.46	-17.97	-31.80	-36.56	1.41		
18.5	34.56	1986.37	1981.25	1969.22	2.99	3.45	3.32	-18.60	-31.92	-35.79	1.41		
19.0	32.00	2002.88	1997.82	1985.41	2.76	3.20	3.16	-18.43	-31.65	-36.16	1.41		
19.5	29.76	2018.37	2013.18	2000.38	2.60	3.01	2.92	-19.31	-31.55	-36.65	1.54		
20.0	28.16	2032.77	2027.58	2014.14	2.36	2.82	2.72	-19.38	-32.02	-36.75	1.66		