

Voltage Controlled Oscillator

ROS-EDR9850/2MP

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)		FREQ. PUSH (MHz/V)
		-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	F2	F3	
0.0	80.06	1072.53	1057.14	1041.13	6.29	6.21	5.93	-20.79	-20.06	0.13
0.5	74.59	1111.49	1097.17	1082.42	6.41	6.32	6.06	-19.75	-20.71	0.26
2.0	68.37	1219.28	1206.32	1193.46	6.78	6.69	6.42	-17.29	-22.58	0.54
3.0	70.49	1287.65	1274.69	1262.20	6.96	6.84	6.58	-16.24	-24.39	0.63
4.0	72.08	1358.32	1345.18	1332.59	7.10	6.95	6.67	-15.52	-27.00	0.70
5.0	72.55	1430.35	1417.26	1404.78	7.15	7.03	6.76	-14.93	-27.59	0.72
6.0	71.22	1502.53	1489.81	1477.87	7.19	7.04	6.77	-14.58	-27.71	0.70
7.0	68.69	1573.54	1561.03	1549.50	7.13	7.04	6.75	-14.61	-27.35	0.71
8.0	66.92	1642.05	1629.72	1618.49	7.04	6.98	6.74	-14.69	-26.57	0.71
9.0	64.64	1708.68	1696.65	1685.71	7.02	6.91	6.65	-15.13	-25.50	0.70
10.0	61.75	1773.20	1761.28	1750.26	6.82	6.74	6.52	-15.72	-26.52	0.66
11.0	60.27	1834.81	1823.04	1812.49	6.74	6.71	6.50	-16.36	-25.54	0.57
12.0	56.47	1894.55	1883.31	1872.81	6.63	6.56	6.34	-17.35	-23.41	0.53
13.0	54.38	1951.13	1939.78	1929.50	6.48	6.42	6.25	-18.39	-23.62	0.46
14.0	50.15	2004.91	1994.16	1984.04	6.27	6.24	6.06	-19.67	-22.82	0.40
15.0	48.26	2055.83	2044.30	2034.26	6.10	6.10	5.95	-20.26	-23.37	0.36
16.0	43.17	2103.17	2092.57	2082.45	5.89	5.88	5.74	-21.10	-23.86	0.33
17.0	41.26	2146.98	2135.74	2126.17	5.63	5.62	5.50	-22.05	-22.87	0.19
18.0	36.08	2188.05	2177.00	2167.11	5.39	5.43	5.25	-21.71	-22.65	0.11
19.0	32.21	2224.03	2213.08	2203.43	5.21	5.21	5.06	-22.30	-24.46	0.06
20.0	28.54	2256.38	2245.29	2235.29	4.92	5.00	4.88	-22.95	-23.36	0.13
21.0	24.47	2285.18	2273.83	2263.50	4.67	4.67	4.56	-22.41	-25.10	0.28
22.0	24.47	2309.29	2298.30	2288.00	4.53	4.52	4.31	-24.44	-24.86	0.41

Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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