

Voltage Controlled Oscillator

ROS-209-319+

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			
0.00	1.16	200.33	199.53	198.96	8.29	8.60	8.21	-18.51	-35.69	-45.83	0.06	1	-107
0.50	1.05	200.90	200.11	199.55	8.29	8.60	8.22	-18.55	-35.70	-45.94	0.07	10	-133
1.00	1.04	201.42	200.63	200.07	8.29	8.60	8.22	-18.55	-35.72	-45.99	0.07	100	-155
1.50	1.07	201.95	201.15	200.59	8.29	8.60	8.23	-18.64	-35.74	-46.13	0.07	1000	-170
2.00	1.13	202.49	201.68	201.11	8.29	8.60	8.24	-18.69	-35.74	-46.12	0.07		
2.50	1.21	203.06	202.25	201.67	8.29	8.60	8.24	-18.73	-35.76	-46.26	0.07		
3.00	1.30	203.67	202.85	202.27	8.28	8.60	8.25	-18.79	-35.79	-46.38	0.07		
3.50	1.38	204.33	203.50	202.91	8.28	8.60	8.25	-18.85	-35.78	-46.37	0.07		
4.00	1.46	205.02	204.19	203.60	8.28	8.60	8.26	-18.93	-35.81	-46.42	0.07		
4.50	1.51	205.75	204.92	204.33	8.28	8.60	8.26	-19.00	-35.83	-46.42	0.07		
5.00	1.54	206.50	205.67	205.09	8.27	8.59	8.26	-19.08	-35.83	-46.48	0.07		
5.50	1.56	207.26	206.44	205.87	8.27	8.59	8.26	-19.18	-35.85	-46.49	0.07		
6.00	1.55	208.02	207.22	206.66	8.26	8.59	8.26	-19.28	-35.85	-46.50	0.07		
6.50	1.54	208.79	208.00	207.44	8.25	8.58	8.26	-19.36	-35.87	-46.50	0.07		
7.00	1.51	209.55	208.76	208.22	8.24	8.57	8.26	-19.47	-35.86	-46.57	0.07		
7.50	1.48	210.29	209.52	208.98	8.24	8.56	8.25	-19.55	-35.86	-46.55	0.07		
8.00	1.45	211.03	210.26	209.73	8.23	8.56	8.25	-19.64	-35.87	-46.66	0.07		
8.50	1.41	211.76	210.98	210.45	8.22	8.55	8.24	-19.73	-35.86	-46.76	0.07		
9.00	1.38	212.46	211.69	211.15	8.21	8.54	8.24	-19.81	-35.85	-46.84	0.07		
9.50	1.34	213.16	212.38	211.84	8.20	8.53	8.23	-19.89	-35.90	-46.78	0.07		
10.00	1.31	213.83	213.05	212.50	8.19	8.52	8.22	-19.96	-35.92	-46.92	0.07		
10.50	1.27	214.49	213.70	213.15	8.18	8.51	8.21	-20.03	-35.97	-46.90	0.07		
11.00	1.24	215.14	214.34	213.78	8.17	8.50	8.20	-20.10	-36.02	-46.98	0.07		
11.50	1.21	215.77	214.96	214.40	8.17	8.49	8.19	-20.09	-36.07	-46.98	0.07		
12.00	1.19	216.38	215.57	215.00	8.16	8.48	8.18	-20.23	-36.13	-47.01	0.07		
12.50	1.16	216.98	216.16	215.59	8.15	8.47	8.17	-20.29	-36.20	-47.03	0.07		
13.00	1.16	217.57	216.74	216.17	8.14	8.46	8.16	-20.35	-36.26	-46.96	0.08		

REV. X1
 ROS-209-319+
 091029
 Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant
 P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

