Frequency Synthesizer KSN-EDR11095

Typical Performance Data

FREQ. (MHz)	POWER OUTPUT (dBm)			HARMONICS dBc						VCO CURRENT (mA)			PLL CURRENT (mA)		
				F2			F3								
	-40 °C	+25°C	+85 °C	-40 °C	+25°C	+85 °C	-40 °C	+25°C	+85 °C	-40 °C	+25°C	+85 °C	-40 °C	+25°C	+85 °C
600	7.95	7.64	7.00	-32.18	-33.60	-35.15	-52.46	-55.77	-56.67	40.32	43.21	45.32	8.55	9.81	11.16

FREQ. (MHz)	PHASE NOISE (dBc/Hz) @ OFFSETS														
	-40°C					+25°C					+85°C				
	100Hz	1kHz	10kHz	100kHz	1MHz	100Hz	1kHz	10kHz	100kHz	1MHz	100Hz	1kHz	10kHz	100kHz	1MHz
600	-93.98	-111.04	-113.06	-119.30	-153.86	-95.38	-110.24	-113.79	-120.02	-152.94	-91.50	-112.15	-114.76	-120.21	-151.75

REFERENCE & COMPARISON SPURIOUS ORDER	REFERENCE SPURIOUS @Fcarrier 600MHz± (n*Fcomparison) (dBc) NOTE 1			COMPARISON SPURIOUS @Fcarrier 600MHz± (n*Fcomparison) (dBc) NOTE 2		
n	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C
-5	-88.45	-81.39	-81.65	-89.10	-84.11	-82.42
-4	-88.62	-80.99	-81.18	-90.56	-84.39	-83.78
-3	-90.80	-82.70	-82.94	-83.99	-82.12	-80.65
-2	-88.05	-79.67	-80.91	-85.77	-81.62	-81.14
-1	-88.62	-78.38	-80.9	-84.29	-79.74	-79.76
0[note 3]	-	-	-	-	-	-
+1	-84.57	-92.35	-83.21	-88.45	-81.39	-81.65
+2	-83.72	-87.21	-84.17	-88.62	-80.99	-81.18
+3	-85.62	-87.92	-84.95	-90.80	-82.70	-82.94
+4	-84.51	-85.42	-84.79	-88.05	-79.67	-80.91
+5	-86.08	-85.67	-84.23	-88.62	-78.38	-80.90

Note 1: Reference frequency 20 MHz
Note 2: Comparison frequency 10 MHz
Note 3: All spurs are referenced to carrier signal (n=0).