

Typical Performance Data

Frequency (GHz)		Conversion Gain (dB) at X3 Output			
Rf Input	X3 Output	-1 dBm	0 dBm	+1 dBm	+1.5 dBm
6.0	18.0	-5.8	-6.0	-6.6	-6.9
6.5	19.5	-4.7	-5.0	-5.7	-6.0
7.0	21.0	-4.4	-4.9	-5.6	-6.0
7.5	22.5	-4.5	-4.9	-5.6	-6.0
8.0	24.0	-4.4	-4.8	-5.4	-5.7
8.5	25.5	-4.3	-4.6	-5.2	-5.5
9.0	27.0	-4.3	-4.6	-5.1	-5.4
9.5	28.5	-4.4	-4.6	-5.1	-5.4
10.0	30.0	-4.0	-4.2	-4.6	-4.9
10.5	31.5	-4.3	-4.4	-4.8	-5.0
11.0	33.0	-5.0	-5.1	-5.4	-5.6
11.5	34.5	-6.2	-6.2	-6.5	-6.7
12.0	36.0	-6.2	-6.1	-6.2	-6.3
12.5	37.5	-8.5	-8.0	-7.8	-7.8
13.0	39.0	-11.6	-10.6	-9.9	-9.8
13.5	40.5	-17.9	-16.1	-14.3	-13.7
14.0	42.0	-25.1	-23.4	-21.1	-20.0

Frequency (GHz)		Harmonic Output (dBc) at X1 Output			
Rf Input	X1 Output	-1 dBm	0 dBm	+1 dBm	+1.5 dBm
6.0	6.0	56.7	56.5	56.2	56.0
6.5	6.5	56.2	56.1	55.7	55.6
7.0	7.0	55.2	55.0	54.7	54.6
7.5	7.5	54.9	54.8	54.6	54.5
8.0	8.0	55.4	55.3	55.3	55.2
8.5	8.5	56.3	56.4	56.4	56.4
9.0	9.0	57.9	58.0	58.1	58.0
9.5	9.5	59.1	59.1	59.2	59.2
10.0	10.0	59.2	59.3	59.3	59.3
10.5	10.5	57.6	57.7	57.6	57.6
11.0	11.0	56.1	56.1	56.0	56.0
11.5	11.5	55.9	55.8	55.7	55.6
12.0	12.0	62.8	62.4	62.1	61.8
12.5	12.5	59.9	61.6	63.9	65.1
13.0	13.0	46.9	48.4	49.9	50.4
13.5	13.5	36.2	38.3	40.8	41.7
14.0	14.0	28.0	29.9	32.7	34.0

Note: Harmonics data is presented as the harmonic of input frequency below the power of F3

Typical Performance Data

Frequency (GHz)		Harmonic Output (dBc) at X2 Output			
Rf Input	X2 Output	-1 dBm	0 dBm	+1 dBm	+1.5 dBm
6.0	12.0	78.0	76.7	75.2	74.8
6.5	13.0	87.3	90.5	91.4	92.2
7.0	14.0	79.7	78.8	77.5	76.6
7.5	15.0	81.3	81.6	81.1	79.7
8.0	16.0	105.6	90.6	88.7	87.0
8.5	17.0	64.6	65.4	67.2	67.9
9.0	18.0	45.0	43.7	42.4	41.9
9.5	19.0	40.4	39.0	37.8	37.5
10.0	20.0	41.7	40.6	39.8	39.6
10.5	21.0	40.9	40.5	40.2	40.1
11.0	22.0	39.0	39.1	39.1	39.1
11.5	23.0	38.8	38.8	38.8	38.8
12.0	24.0	41.3	41.3	40.9	40.8
12.5	25.0	32.9	34.0	34.9	35.2
13.0	26.0	24.5	25.6	26.8	27.2
13.5	27.0	16.2	18.3	20.7	21.6
14.0	28.0	9.0	10.9	13.9	15.3

Frequency (GHz)		Harmonic Output (dBc) at X4 Output			
Rf Input	X4 Output	-1 dBm	0 dBm	+1 dBm	+1.5 dBm
6.0	24.0	16.4	16.7	16.6	16.5
6.5	26.0	20.4	20.9	21.2	21.1
7.0	28.0	24.6	25.2	25.6	25.6
7.5	30.0	32.6	33.1	33.7	33.8
8.0	32.0	53.1	47.3	43.7	42.8
8.5	34.0	45.0	43.7	42.0	41.3
9.0	36.0	43.4	42.6	41.2	40.6
9.5	38.0	46.2	44.9	43.0	42.2
10.0	40.0	47.0	46.6	45.1	44.5
10.5	42.0	42.0	42.6	42.8	42.5
11.0	44.0	41.6	41.8	41.7	41.5
11.5	46.0	39.7	39.2	38.7	38.4
12.0	48.0	45.7	44.6	42.8	42.1
12.5	50.0	42.2	42.0	41.7	41.5
13.0	52.0	40.3	39.1	38.0	37.7
13.5	54.0	32.6	34.0	36.2	36.9
14.0	56.0	31.0	29.9	28.8	29.1

Note: Harmonics data is presented as the harmonic of input frequency below the power of F3