

Typical Performance Data

Input Freq (GHz)	X3 Conversion Loss (dB)				X1 Harmonic Output (-dBc)				X2 Harmonic Output (-dBc)				X4 Harmonic Output (-dBc)			
	Output Freq (GHz)	Input Power			Output Freq (GHz)	Input Power			Output Freq (GHz)	Input Power			Output Freq (GHz)	Input Power		
		+14 dBm	+16 dBm	+18 dBm		+14 dBm	+16 dBm	+18 dBm		+14 dBm	+16 dBm	+18 dBm		+14 dBm	+16 dBm	+18 dBm
10.00	30.00	18.48	19.22	20.65	10.00	43.07	43.33	42.78	20.00	61.96	61.02	56.11	40.00	32.22	31.97	30.83
10.33	31.00	18.42	19.04	20.35	10.33	42.42	42.66	42.11	20.67	62.77	63.97	60.39	41.33	31.96	32.23	31.90
10.67	32.00	18.45	19.00	20.26	10.67	42.24	42.46	41.86	21.33	57.35	55.58	60.05	42.67	33.03	33.87	34.63
11.00	33.00	18.22	18.68	19.89	11.00	43.30	43.45	42.74	22.00	49.06	47.72	49.51	44.00	36.83	37.46	37.80
11.33	34.00	17.99	18.40	19.59	11.33	42.09	42.15	41.36	22.67	45.68	43.91	44.45	45.33	38.11	38.61	39.47
11.67	35.00	17.96	18.30	19.42	11.67	40.55	40.52	39.67	23.33	43.69	41.81	41.47	46.67	38.88	39.12	40.14
12.00	36.00	17.57	17.88	18.98	12.00	41.06	40.89	39.93	24.00	44.55	43.24	43.54	48.00	41.25	41.56	42.48
12.33	37.00	17.59	17.90	19.01	12.33	42.09	41.80	40.72	24.67	46.00	44.97	45.44	49.33	43.14	43.06	43.50
12.67	38.00	18.03	18.36	19.47	12.67	39.77	39.36	38.18	25.33	44.91	44.58	45.00	50.67	43.61	43.03	43.42
13.00	39.00	18.34	18.63	19.74	13.00	39.98	39.41	38.07	26.00	46.35	47.18	45.83	52.00	46.11	44.22	43.18
13.33	40.00	18.18	18.39	19.48	13.33	40.15	39.54	38.17	26.67	44.71	45.29	43.60	53.33	47.94	45.52	44.33
13.67	41.00	18.51	18.75	19.90	13.67	37.31	36.58	35.07	27.33	44.37	44.91	42.50	54.67	48.50	44.39	42.78
14.00	42.00	18.53	18.69	19.80	14.00	37.90	37.16	35.62	28.00	44.16	44.49	42.18	56.00	50.63	43.84	41.38
14.33	43.00	18.81	18.99	20.09	14.33	37.05	36.23	34.68	28.67	43.83	44.33	41.95	57.33	59.51	48.59	44.03
14.67	44.00	18.98	19.16	20.25	14.67	36.78	35.96	34.42	29.33	43.63	43.73	40.77	58.67	54.32	46.44	43.10
15.00	45.00	19.01	19.19	20.28	15.00	35.47	34.64	33.10	30.00	41.79	42.06	41.10	60.00	48.24	45.60	42.67
15.33	46.00	19.46	19.60	20.67	15.33	34.78	34.02	32.52	30.67	40.49	41.21	40.69	61.33	45.93	45.35	42.05
15.67	47.00	19.67	19.81	20.87	15.67	34.42	33.68	32.21	31.33	38.88	39.90	40.75	62.67	42.40	43.85	41.58
16.00	48.00	20.03	20.12	21.17	16.00	34.43	33.79	32.36	32.00	36.47	37.28	38.21	64.00	40.21	41.29	38.81
16.33	49.00	20.44	20.46	21.46	16.33	31.70	31.20	29.84	32.67	35.54	36.59	37.70	65.33	38.61	39.77	37.39
16.67	50.00	20.56	20.52	21.48	16.67	32.61	32.20	30.93	33.33	34.55	36.08	37.73	66.67	37.08	38.86	36.95
17.00	51.00	20.70	20.68	21.61	17.00	32.28	31.94	30.77	34.00	34.00	35.72	37.47	68.00	36.88	39.20	37.70
17.33	52.00	21.08	21.02	21.93	17.33	29.91	29.69	28.59	34.67	32.71	34.84	36.95	69.33	35.49	38.22	38.35
17.67	53.00	21.16	21.12	22.05	17.67	29.92	29.73	28.67	35.33	31.41	33.38	35.33	70.67	34.69	37.20	38.04
18.00	54.00	21.71	21.69	22.60	18.00	29.12	29.02	28.07	36.00	28.61	30.96	32.64	72.00	35.00	37.14	37.93
18.33	55.00	21.82	21.86	22.77	18.33	27.22	27.16	26.27	36.67	27.06	29.74	31.39	73.33	37.35	39.76	41.02
18.67	56.00	21.95	22.01	22.91	18.67	26.73	26.76	25.96	37.33	26.08	28.57	30.11	74.67	40.08	42.86	44.34
19.00	57.00	22.49	22.60	23.49	19.00	24.11	24.25	23.61	38.00	25.00	27.60	28.90	76.00	44.25	47.20	48.34
19.33	58.00	22.76	22.85	23.68	19.33	23.88	24.19	23.73	38.67	22.85	25.41	26.77	77.33	44.77	47.89	50.86
19.67	59.00	22.91	23.01	23.84	19.67	20.90	21.35	21.06	39.33	21.06	23.31	24.57	78.67	46.29	48.77	51.41
20.00	60.00	23.24	23.22	23.89	20.00	17.01	17.78	17.79	40.00	19.28	21.63	22.92	80.00	49.81	52.02	53.78