

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
6.67	20.00	19.06	19.97	21.34	6.67	57.86	62.76	66.68	13.33	88.43	86.23	82.24	26.67	30.58	29.20	27.40
7.00	21.00	19.04	20.12	21.57	7.00	54.76	57.11	58.94	14.00	76.86	75.24	72.02	28.00	31.78	30.14	28.06
7.33	22.00	19.17	20.25	21.73	7.33	52.60	54.30	55.58	14.67	69.29	67.62	64.64	29.33	33.03	31.35	29.11
7.67	23.00	19.19	20.22	21.68	7.67	50.67	52.02	53.00	15.33	61.82	60.86	58.06	30.67	34.02	32.91	30.81
8.00	24.00	19.25	20.14	21.50	8.00	49.20	50.35	51.06	16.00	53.59	52.85	50.39	32.00	37.40	36.96	34.74
8.33	25.00	19.01	19.77	21.07	8.33	48.85	49.93	50.52	16.67	47.50	46.88	45.86	33.33	39.75	40.51	39.00
8.67	26.00	18.91	19.56	20.77	8.67	48.37	49.44	49.93	17.33	41.18	40.35	39.37	34.67	43.68	45.66	42.61
9.00	27.00	18.65	19.16	20.29	9.00	47.56	48.59	48.99	18.00	38.93	38.19	37.02	36.00	52.26	51.07	42.54
9.33	28.00	18.71	19.11	20.18	9.33	46.91	47.94	48.23	18.67	38.40	38.22	36.74	37.33	53.36	50.74	41.59
9.67	29.00	18.51	18.83	19.86	9.67	46.10	47.11	47.35	19.33	37.86	37.08	35.74	38.67	56.82	52.54	42.32
10.00	30.00	18.58	18.74	19.65	10.00	46.31	47.32	47.51	20.00	39.65	38.53	36.89	40.00	57.12	50.19	43.45
10.33	31.00	18.65	18.73	19.57	10.33	45.30	46.26	46.40	20.67	40.04	39.37	38.48	41.33	56.24	48.59	42.45
10.67	32.00	18.70	18.72	19.56	10.67	45.10	46.02	46.04	21.33	42.17	40.90	39.95	42.67	46.82	45.50	41.53
11.00	33.00	19.14	19.11	19.95	11.00	45.07	45.92	45.78	22.00	42.65	41.59	40.74	44.00	41.92	41.26	38.96
11.33	34.00	19.01	18.99	19.87	11.33	45.79	46.57	46.35	22.67	44.39	42.98	42.18	45.33	41.51	40.50	38.23
11.67	35.00	19.30	19.16	20.00	11.67	44.23	45.09	44.86	23.33	47.42	46.50	45.23	46.67	39.83	38.73	36.70
12.00	36.00	19.38	19.20	20.04	12.00	44.13	45.01	44.76	24.00	45.34	44.65	43.14	48.00	41.22	38.23	35.77
12.33	37.00	19.84	19.54	20.30	12.33	43.58	44.60	44.41	24.67	44.99	43.90	43.48	49.33	40.37	37.28	34.71
12.67	38.00	20.03	19.75	20.49	12.67	44.72	45.81	45.76	25.33	44.92	44.92	44.51	50.67	43.15	39.12	35.85
13.00	39.00	20.29	20.04	20.77	13.00	43.94	45.25	45.48	26.00	40.88	40.80	41.40	52.00	42.75	38.79	35.66
13.33	40.00	20.72	20.49	21.23	13.33	40.87	42.41	42.89	26.67	39.01	39.31	41.13	53.33	44.50	39.05	35.33
13.67	41.00	20.64	20.50	21.26	13.67	37.67	39.26	39.87	27.33	37.48	38.02	40.15	54.67	44.35	37.96	34.05
14.00	42.00	20.77	20.61	21.36	14.00	32.25	33.79	34.34	28.00	35.42	35.54	36.88	56.00	50.66	37.39	32.44
14.33	43.00	20.72	20.52	21.23	14.33	29.01	30.55	31.08	28.67	35.28	34.72	34.84	57.33	47.55	42.25	34.64
14.67	44.00	21.04	20.76	21.35	14.67	25.79	27.35	27.95	29.33	33.73	33.89	33.62	58.67	41.30	44.47	45.32
15.00	45.00	21.27	21.07	21.64	15.00	20.28	21.75	22.37	30.00	31.89	32.06	31.33	60.00	43.25	44.53	47.13