

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
13.33	40.00	19.48	19.64	20.48	13.33	45.18	45.87	45.80	26.67	68.33	67.70	59.84	53.33	36.38	35.66	34.33
13.67	41.00	20.02	20.14	20.95	13.67	43.87	44.72	44.80	27.33	59.16	56.42	52.19	54.67	37.39	36.59	35.35
14.00	42.00	20.10	20.15	20.93	14.00	44.55	45.52	45.69	28.00	57.17	53.95	50.32	56.00	40.48	40.32	38.93
14.33	43.00	19.88	19.83	20.58	14.33	43.74	44.86	45.14	28.67	56.82	53.96	50.46	57.33	42.03	44.39	44.15
14.67	44.00	19.94	19.81	20.51	14.67	44.51	45.72	46.10	29.33	56.53	53.56	50.18	58.67	39.64	42.80	45.42
15.00	45.00	19.63	19.43	20.11	15.00	43.95	45.30	45.76	30.00	54.64	52.00	48.94	60.00	38.99	42.00	46.36
15.33	46.00	19.82	19.58	20.23	15.33	44.81	46.23	46.73	30.67	53.53	50.83	47.71	61.33	38.71	42.37	51.47
15.67	47.00	19.40	19.16	19.83	15.67	44.82	46.26	46.75	31.33	52.79	49.84	46.85	62.67	38.22	41.58	47.82
16.00	48.00	19.09	18.82	19.48	16.00	44.43	45.88	46.35	32.00	50.34	47.32	44.42	64.00	38.93	42.87	46.52
16.33	49.00	19.39	19.06	19.71	16.33	45.70	47.14	47.57	32.67	48.20	45.12	42.13	65.33	37.13	40.47	40.82
16.67	50.00	19.53	19.15	19.81	16.67	44.79	46.20	46.46	33.33	46.48	43.52	40.66	66.67	36.19	39.26	38.30
17.00	51.00	19.83	19.40	20.05	17.00	44.69	45.95	45.98	34.00	43.32	40.65	37.80	68.00	36.53	38.32	36.00
17.33	52.00	19.95	19.48	20.14	17.33	45.82	46.91	46.68	34.67	39.88	37.55	34.93	69.33	37.23	38.97	35.87
17.67	53.00	20.58	20.05	20.71	17.67	45.77	46.69	46.18	35.33	36.18	33.94	31.49	70.67	35.30	38.17	35.36
18.00	54.00	21.16	20.51	21.12	18.00	45.00	45.60	44.76	36.00	34.54	32.48	29.69	72.00	34.87	37.20	34.08
18.33	55.00	22.10	21.36	21.94	18.33	44.97	45.28	44.20	36.67	32.18	31.09	28.48	73.33	34.95	41.67	36.57
18.67	56.00	22.78	21.94	22.48	18.67	43.71	43.76	42.57	37.33	32.44	30.63	28.27	74.67	31.11	36.64	35.59
19.00	57.00	23.14	22.24	22.76	19.00	43.96	43.67	42.30	38.00	29.92	29.66	28.01	76.00	31.36	40.07	40.29
19.33	58.00	23.45	22.50	23.00	19.33	41.04	40.71	39.33	38.67	28.33	27.59	26.74	77.33	27.67	33.05	49.75
19.67	59.00	23.44	22.51	23.03	19.67	41.36	40.94	39.55	39.33	27.75	26.33	25.94	78.67	25.22	28.87	35.59
20.00	60.00	23.73	22.76	23.28	20.00	41.64	41.33	39.99	40.00	27.12	26.01	25.86	80.00	23.18	27.21	32.14
20.33	61.00	23.81	22.88	23.43	20.33	38.55	38.31	36.95	40.67	27.58	26.22	25.97	81.33	22.16	26.06	30.18
20.67	62.00	24.03	23.06	23.60	20.67	38.37	38.32	37.11	41.33	27.39	25.98	25.96	82.67	22.42	26.68	30.88
21.00	63.00	24.76	23.85	24.43	21.00	37.20	37.36	36.18	42.00	26.72	25.26	25.14	84.00	23.11	26.69	29.74
21.33	64.00	25.05	24.22	24.80	21.33	35.01	35.25	34.18	42.67	26.09	24.93	24.95	85.33	26.62	29.84	32.75
21.67	65.00	25.78	25.00	25.61	21.67	32.98	33.37	32.40	43.33	25.07	23.77	23.68	86.67	27.42	30.17	32.42
22.00	66.00	25.54	24.83	25.40	22.00	32.88	33.42	32.64	44.00	25.46	24.86	24.37	88.00	35.00	37.50	39.46
22.33	67.00	26.56	25.75	26.13	22.33	31.45	32.19	31.73	44.67	23.60	22.67	23.02	89.33	36.16	38.28	39.08
22.67	68.00	27.47	26.72	27.06	22.67	30.07	30.91	30.61	45.33	21.78	22.54	22.36	90.67	29.78	31.18	31.38
23.00	69.00	28.24	27.37	27.50	23.00	29.43	30.38	30.42	46.00	20.15	22.21	22.53	92.00	30.38	31.24	31.12
23.33	70.00	28.30	27.37	27.38	23.33	31.00	32.03	32.18	46.67	17.20	21.86	23.08	93.33	30.29	31.51	31.10
23.67	71.00	29.73	28.54	28.24	23.67	28.10	29.29	29.77	47.33	14.15	18.54	20.58	94.67	28.38	29.50	29.34
24.00	72.00	31.67	30.18	29.55	24.00	27.26	28.74	29.49	48.00	9.34	14.39	17.87	96.00	27.12	28.73	28.88



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