

LTC5553

Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	3200 -12.77	6400 -19.74	9600 -18.23	12800 -2.34	16000 -19.44
	1	2300 -29.70	900 0.00	4100 -37.10	7300 -12.05	10500 -48.39	13700 -24.17
	2	4600 -72.91	1400 -47.12	1800 -68.62	5000 -55.50	8200 -73.33	11400 -63.01
	3	6900 -73.59	3700 -72.58	500 N/A	2700 -67.28	5900 N/A	9100 -70.06
	4	9200 N/A	6000 -74.87	2800 N/A	400 N/A	3600 N/A	6800 -72.41
	5	11500 -74.20	8300 -73.57	5100 N/A	1900 N/A	1300 N/A	4500 N/A

Notes:

- Input Signal = 2300.00MHz @ -5.00dBm
- LO Signal = 3200.00MHz @ 0.00dBm
- Output Signal = 900.00MHz @ -15.14dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure

LTC5553

Sum Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	3200 -12.77	6400 -19.74	9600 -18.23	12800 -2.34	16000 -19.44
	1	2300 -29.70	5500 -1.69	8700 -42.50	11900 -17.48	15100 -61.97	18300 -33.02
	2	4600 -72.91	7800 -47.92	11000 -66.59	14200 -63.25	17400 -63.79	20600 N/A
	3	6900 -73.59	10100 -70.59	13300 -70.10	16500 -71.69	19700 -70.92	22900 N/A
	4	9200 N/A	12400 -73.28	15600 -70.88	18800 -71.58	22000 N/A	25200 N/A
	5	11500 -74.20	14700 -71.38	17900 -71.83	21100 N/A	24300 N/A	27500 N/A

Notes:

- Input Signal = 2300.00MHz @ -5.00dBm
- LO Signal = 3200.00MHz @ 0.00dBm
- Output Signal = 900.00MHz @ -15.14dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure