

LTC5553

Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	7200 -14.25	14400 -12.26	21600 N/A	28800 N/A	36000 N/A
	1	1700 -31.80	5500 0.00	12700 -39.89	19900 -17.55	27100 N/A	34300 N/A
	2	3400 -55.26	3800 -61.53	11000 -59.89	18200 -59.11	25400 N/A	32600 N/A
	3	5100 <-75	2100 -68.07	9300 <-75	16500 -65.93	23700 N/A	30900 N/A
	4	6800 <-75	400 <-75	7600 <-75	14800 -72.65	22000 N/A	29200 N/A
	5	8500 <-75	1300 <-75	5900 <-75	13100 <-75	20300 N/A	27500 N/A

Notes:

- Input Signal = 1700.00MHz @ -5.00dBm
- LO Signal = 7200.00MHz @ 0.00dBm
- Output Signal = 5500.00MHz @ -12.78dBm
- 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)	7200 -14.25	14400 -12.26	21600 N/A	28800 N/A	36000 N/A
	1	1700 -31.80	8900 -1.22	16100 -32.41	23300 N/A	30500 N/A	37700 N/A
	2	3400 -55.26	10600 -68.95	17800 -65.37	25000 N/A	32200 N/A	39400 N/A
	3	5100 <-75	12300 -72.30	19500 -72.44	26700 N/A	33900 N/A	41100 N/A
	4	6800 <-75	14000 -72.83	21200 N/A	28400 N/A	35600 N/A	42800 N/A
	5	8500 <-75	15700 -73.45	22900 N/A	30100 N/A	37300 N/A	44500 N/A

Notes:

- Input Signal = 1700.00MHz @ -5.00dBm
- LO Signal = 7200.00MHz @ 0.00dBm
- Output Signal = 5500.00MHz @ -12.78dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure