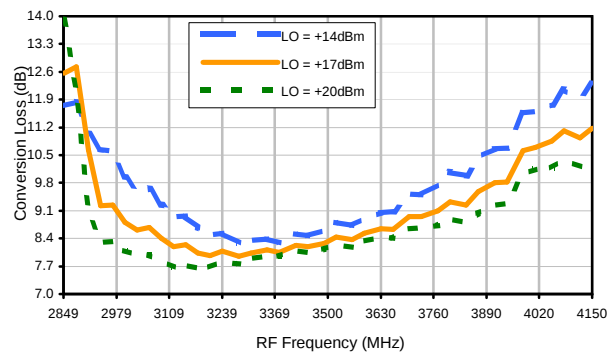
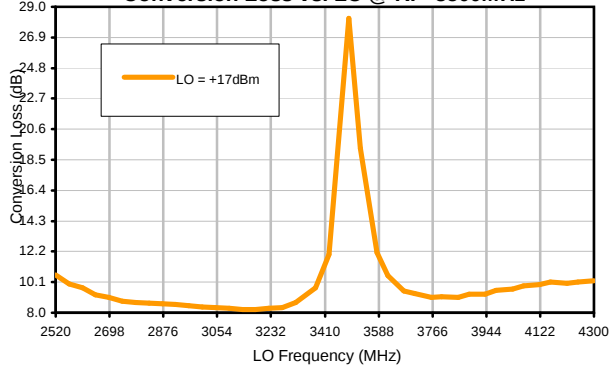


Typical Performance Curves

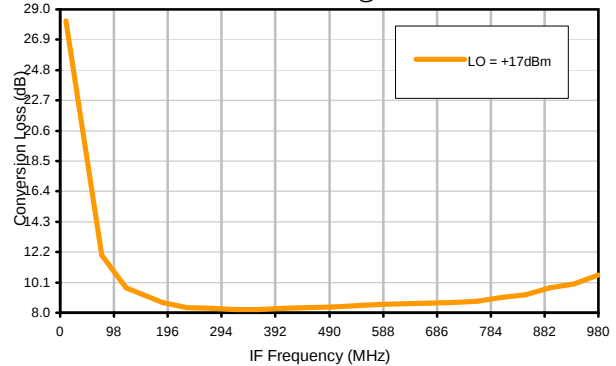
Conversion Loss @ IF=468MHz



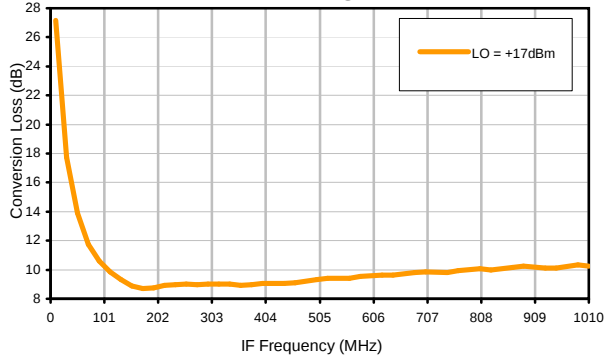
Conversion Loss vs. LO @ RF=3500MHz



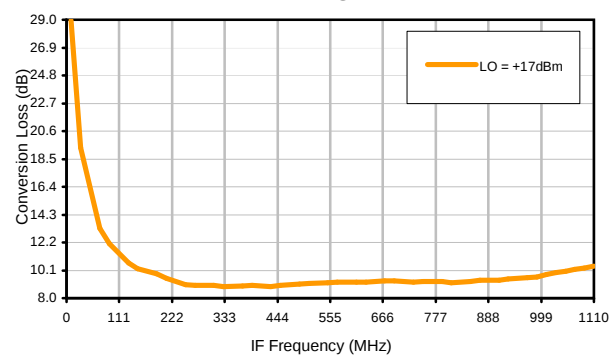
Conversion Loss vs. IF @ RF=3500MHz



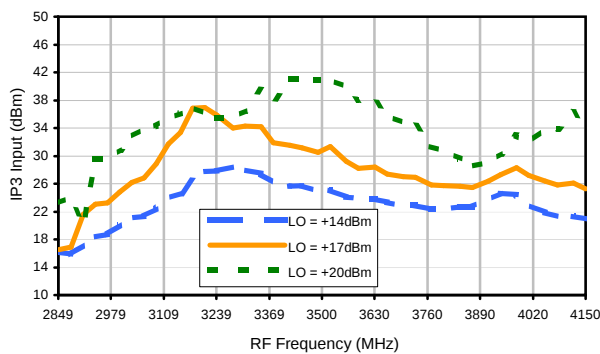
Conversion Loss vs. IF @ RF=3289.8999MHz



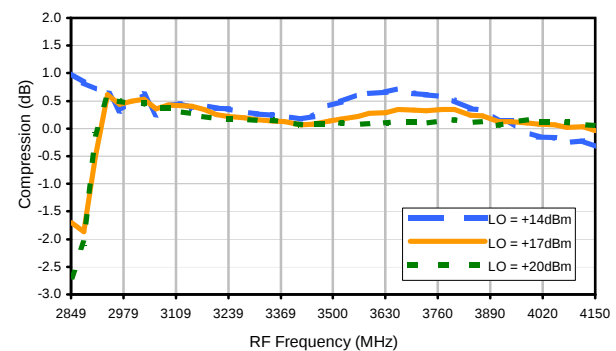
Conversion Loss vs. IF @ RF=3710.1001MHz



IP3 Input



Compression @ RF IN=+20dBm



REV. X2

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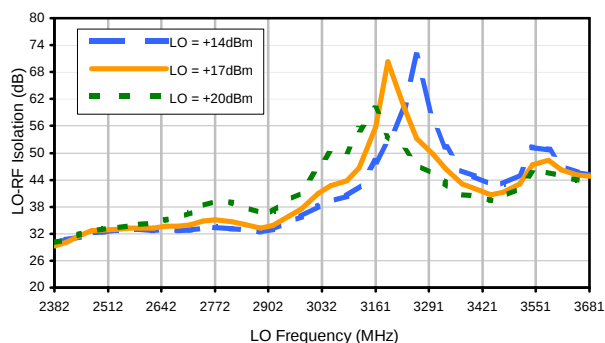


The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

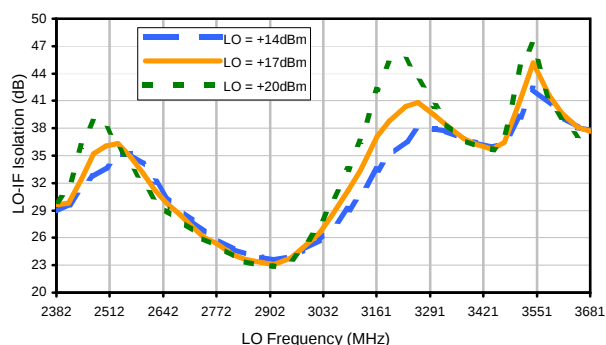


Typical Performance Curves

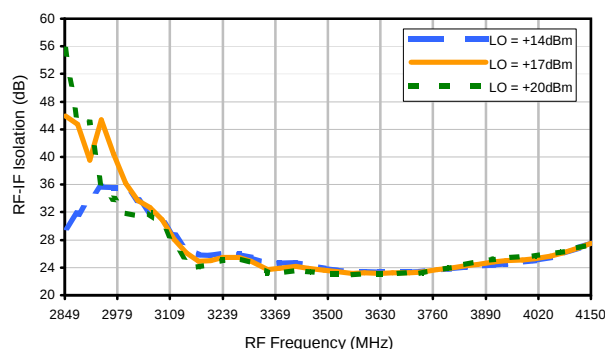
LO-RF Isolation



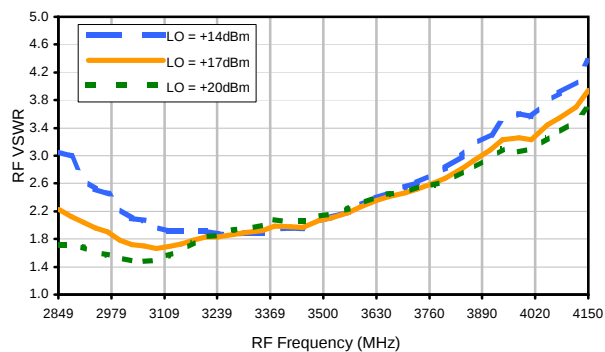
LO-IF Isolation



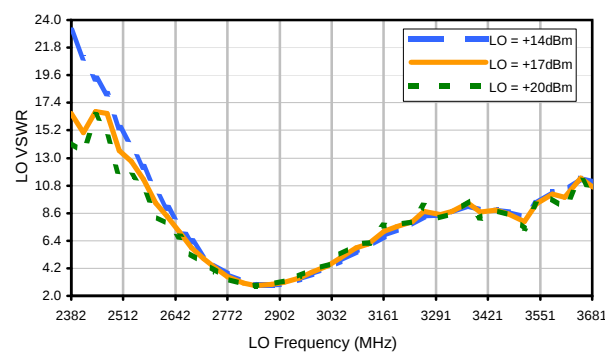
RF-IF Isolation



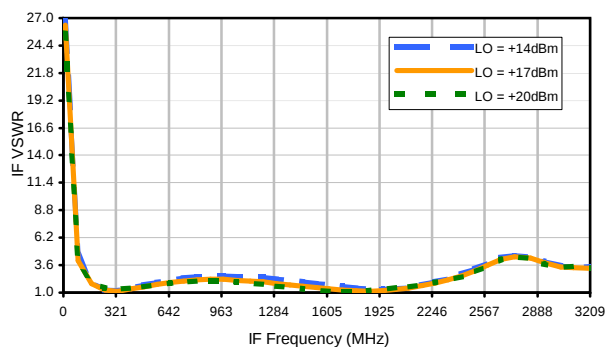
RF VSWR



LO VSWR



IF VSWR



REV. X2

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	21	21	20	38	25	39	---	---	---
1	-	15	+0	28	21	29	38	50	54	55	64	---
2	65	50	59	54	65	53	60	64	74	72	77	81
3	>90	77	67	>82	64	72	69	>82	75	>82	>82	>82
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	---	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	---	---	---	---	>82	>82	>82	>82	>82	>82	>82	>82
10	---	---	---	---	---	>82	>82	>82	>82	>82	>82	>82
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 3500 MHz; 0.00 dBm.
LO IN: 3032 MHz; +17.00 dBm
IF OUT: 468 MHz; -8.39 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	30	29	31	50	39	49	---	---	---
1	-	15	+0	28	21	30	40	51	56	59	65	---
2	45	39	49	47	59	43	50	54	69	61	69	77
3	67	58	46	70	43	52	48	62	57	71	76	>92
4	>90	84	71	65	69	66	65	77	68	74	73	80
5	>90	90	>92	78	86	73	71	70	78	75	74	88
6	>90	90	>92	>92	>92	83	90	82	>92	85	86	88
7	---	---	>92	>92	>92	>92	>92	>92	86	90	83	>92
8	---	---	---	>92	>92	>92	>92	>92	>92	>92	91	>92
9	---	---	---	---	>92	>92	>92	>92	>92	>92	>92	>92
10	---	---	---	---	---	>92	>92	>92	>92	>92	>92	>92
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 3500 MHz; 10.00 dBm.
LO IN: 3032 MHz; +17.00 dBm
IF OUT: 468 MHz; 1.62 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.
3. RF Cal represent the Harmonics level of the RF input signal to the mixer.