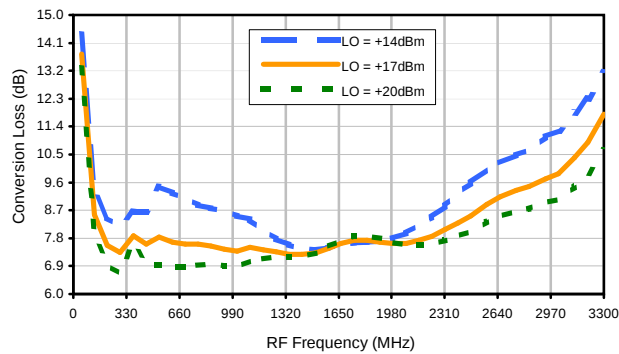
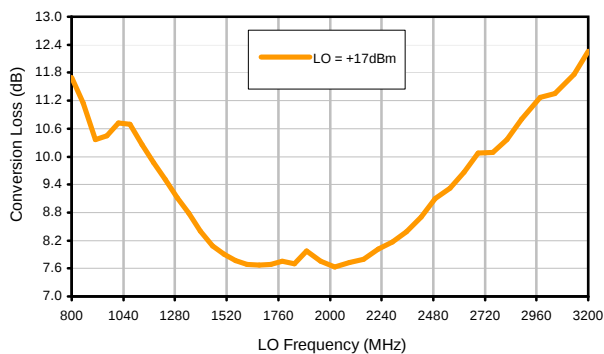


Typical Performance Curves

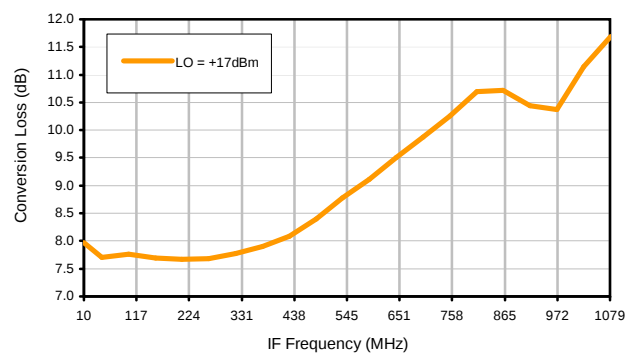
Conversion Loss @ IF=141MHz



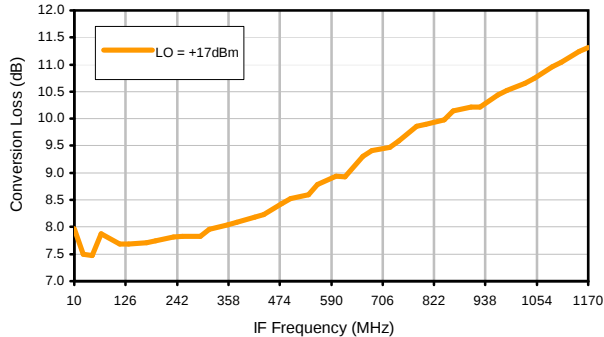
Conversion Loss vs. LO @ RF=1880MHz



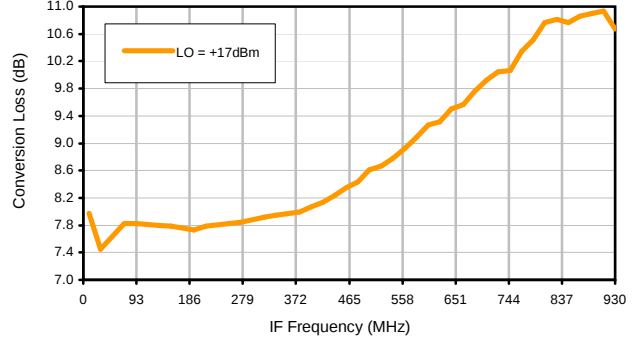
Conversion Loss vs. IF @ RF=1880MHz



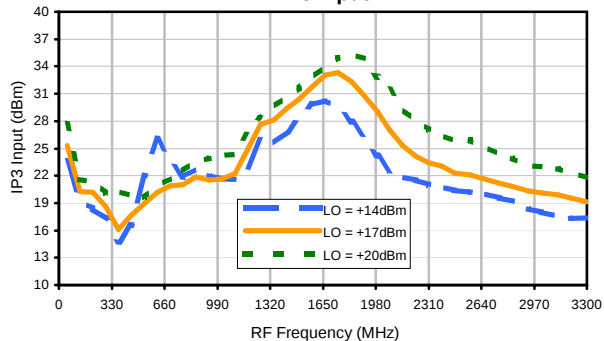
Conversion Loss vs. IF @ RF=1830MHz



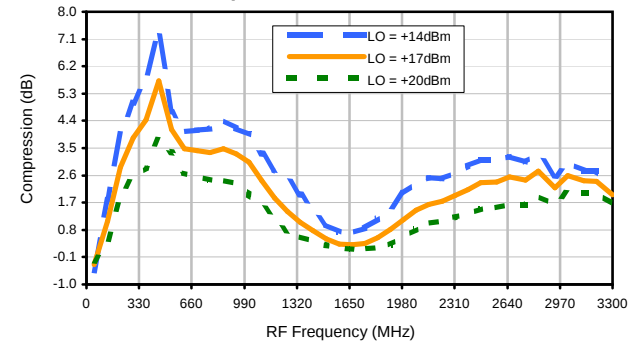
Conversion Loss vs. IF @ RF=1930.1MHz



IP3 Input



Compression @ RF IN=+19dBm



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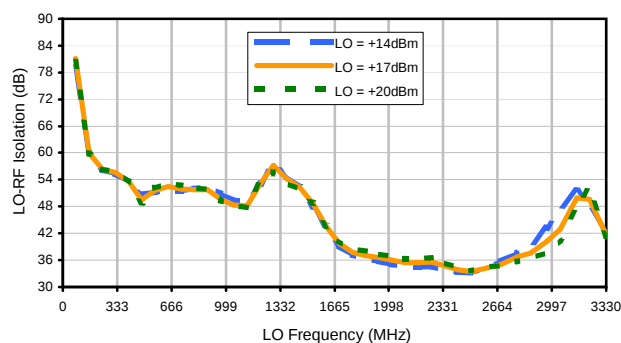


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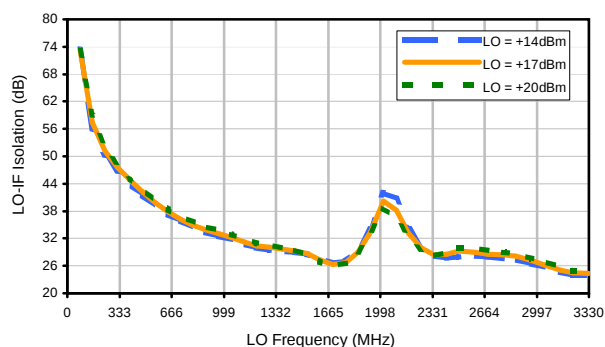


Typical Performance Curves

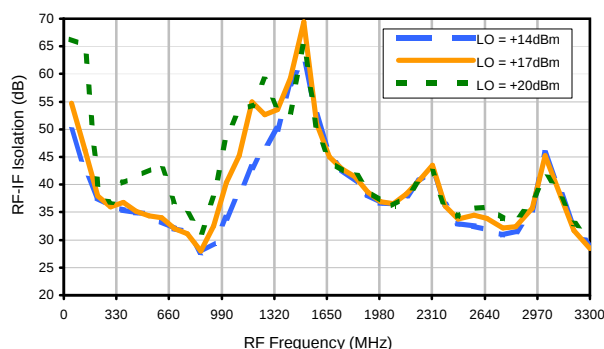
LO-RF Isolation



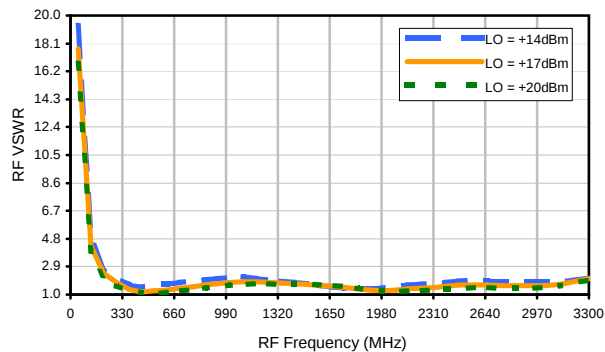
LO-IF Isolation



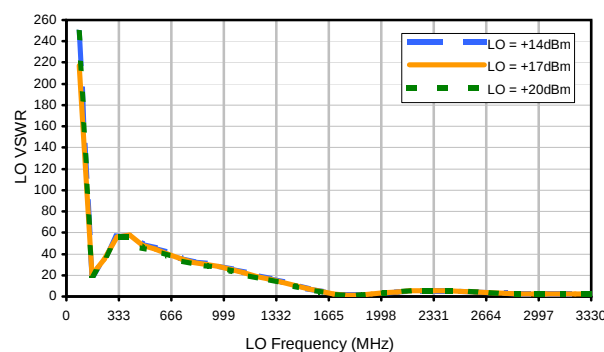
RF-IF Isolation



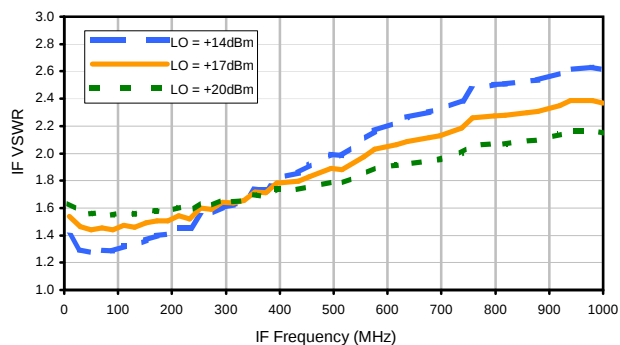
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	+2	6	+1	6	9	15	15	40	45
1	-	18	+0	9	+5	19	11	20	8	28	22	20
2	66	21	40	51	25	31	31	23	34	31	28	37
3	87	61	26	47	37	40	29	40	44	44	32	42
4	88	50	53	58	49	58	54	55	57	46	53	45
5	>90	55	53	50	60	58	60	51	56	>61	48	55
6	81	52	58	55	60	60	60	>61	56	54	52	51
7	86	54	61	58	50	55	>61	>61	54	55	59	59
8	>90	>61	59	53	58	53	59	>61	>61	59	59	52
9	77	57	55	52	59	>61	51	55	>61	53	>61	>61
10	75	55	54	56	60	58	59	>61	57	>61	61	54
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 4.00 dBm.
LO IN: 1910 MHz; +17.00 dBm
IF OUT: 30 MHz; -28.81 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	9	23	8	15	20	31	33	38	49
1	-	19	+0	10	+4	20	14	20	11	22	27	24
2	45	13	31	23	21	26	28	20	44	29	29	36
3	80	32	10	30	9	29	14	34	31	36	21	36
4	84	39	47	40	57	44	37	50	43	33	43	41
5	85	51	46	40	31	35	26	36	31	38	45	44
6	80	65	54	50	47	50	48	53	47	60	69	44
7	76	51	55	>71	66	46	58	43	46	42	46	44
8	76	54	63	61	62	55	60	70	56	65	55	66
9	>90	66	63	58	64	63	>71	58	59	53	52	50
10	80	61	64	56	62	70	60	60	63	63	61	69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 14.00 dBm.
LO IN: 1910 MHz; +17.00 dBm
IF OUT: 30 MHz; -19.3 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.

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