

	Date	Version No.	1.0
	Subject		

PRODUCT NAME : DEM-IFU MODULE

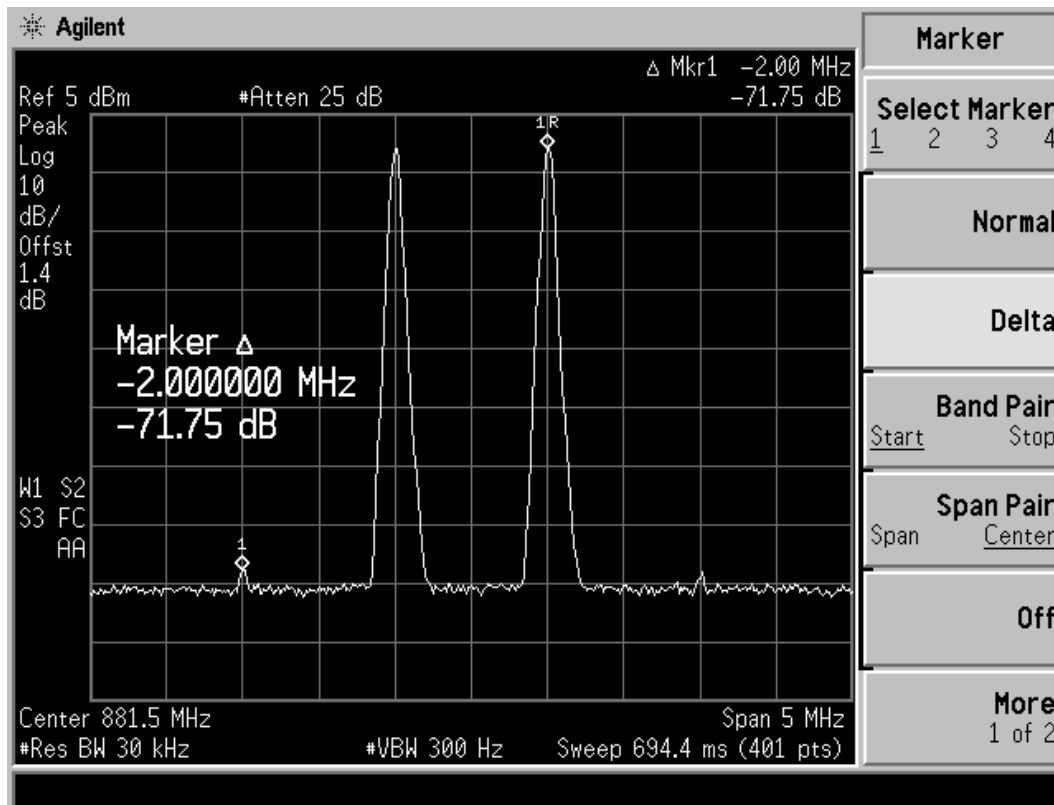
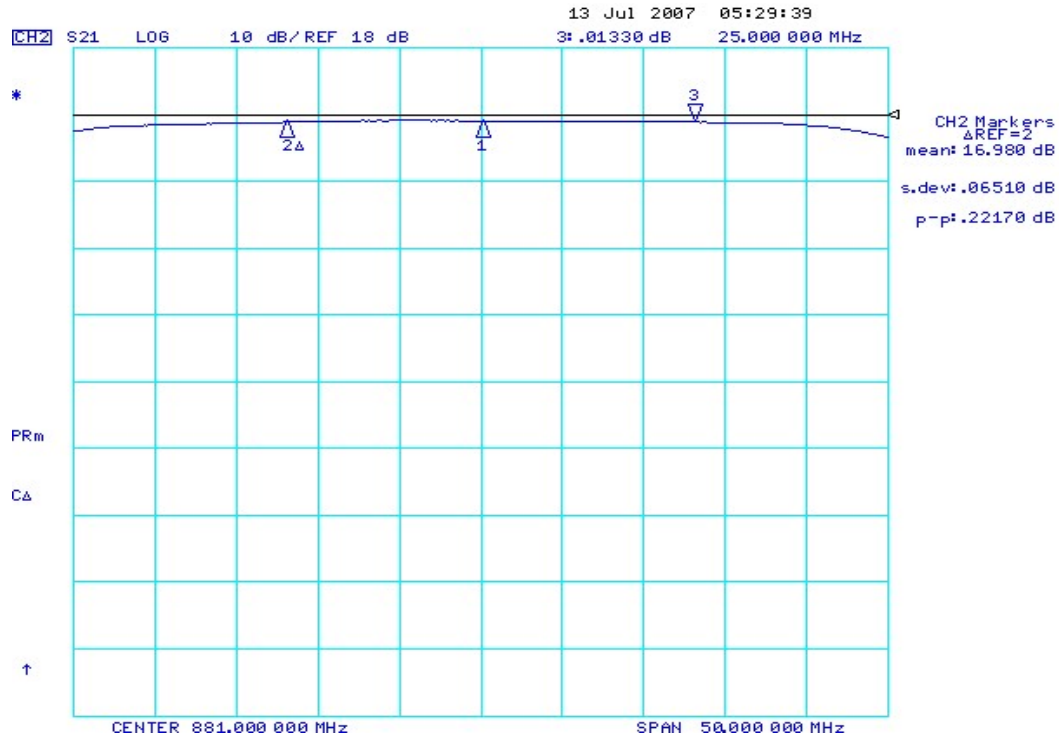
Part NO : DEM-IFU

품 목		규 격	특기사항	
Frequency Range		2G:869~894MHz, 3G:2130~2150MHz	2G,3G : Tx	
2G	GAIN	17dB ± 0.3dB이내	(ATT0dB설정)	
	GAIN Flatness	0.4dBp-p 이하		
	IN VSWR	1.3 : 1 이하		
	OUT VSWR	1.5 : 1 이하		
	IMD	68dBc 이상	출력기준 +0dBm/1tone	
	Output Detector Range	출력기준 : 0dBm@3.5V±0.05Vdc	0dBm~-35dBm(2G 4FA기준) (dB당 최소60mV이상 가변)	
	2G Tx to 3G Tx Band Rejection	112dBc 이상		
	ATT Range / ATT Control Error	0 ~ 30dB(± 0.4dB이내)	(Step Size: 0.5dB)	
	Input Monitor	20dB (±0.5이내)		
3G	GAIN	29dB ± 0.3dB이내	(ATT0dB설정)	
	GAIN Flatness	0.4dBp-p 이하		
	IN VSWR	1.3 : 1 이하		
	OUT VSWR	1.5: 1 이하		
	IMD	68dBc 이상	출력기준 +0dBm/1tone	
	Output Detector Range	출력기준 : 0dBm@3.5V±0.05Vdc	0dBm~-35dBm(3G 4FA기준) (dB당 최소60mV이상 가변)	
	3G Tx to 2G Tx Band Rejection	112dBc 이상		
	ATT Range/ATT Control Error	0 ~ 30dB(± 0.4dB이내)	(Step Size: 0.5dB)	
	Input Monitor	20dB (±0.5이내)		
공통	AMP ALARM	Normal : 1 Alarm : 0	JIG LED확인	
	DC Supply Voltage	+9 V, +6.5V		
	Consumption Current	+9v	100mA 이하	
		+6.5v	900mA 이하	
	치수 검사(치수 및 재질)	승인원 기준		
	외관 검사(SILK 및 도장,도금)	승인원 기준		
조립 검사(조립상태)	승인원 기준			

Graph.

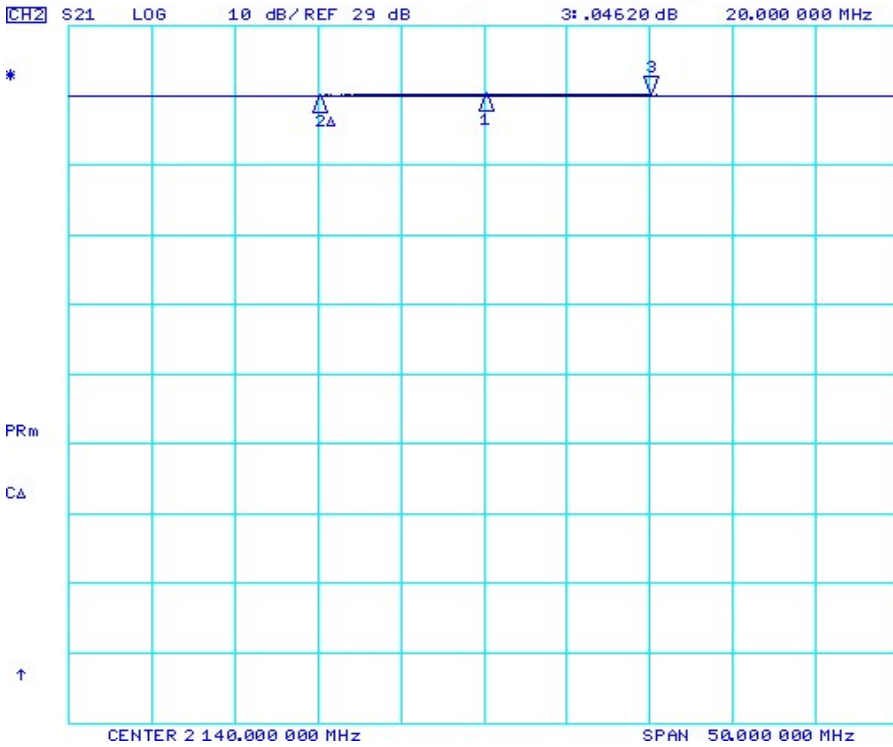
1 DEM-IFU Tx

2G Tx



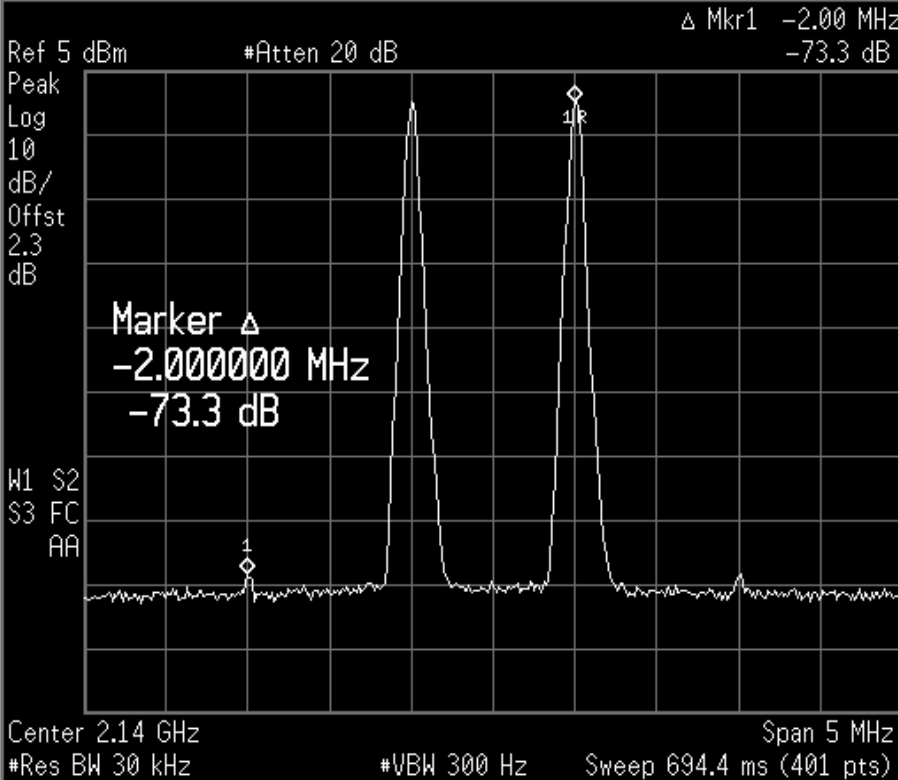
3G Tx

13 Jul 2007 05:30:46



CH2 Markers
ΔREF=2
mean: 29.099 dB
s.dev: .04050 dB
p-p: .17160 dB

Agilent



Marker

Select Marker
1 2 3 4

Normal

Delta

Band Pair
Start Stop

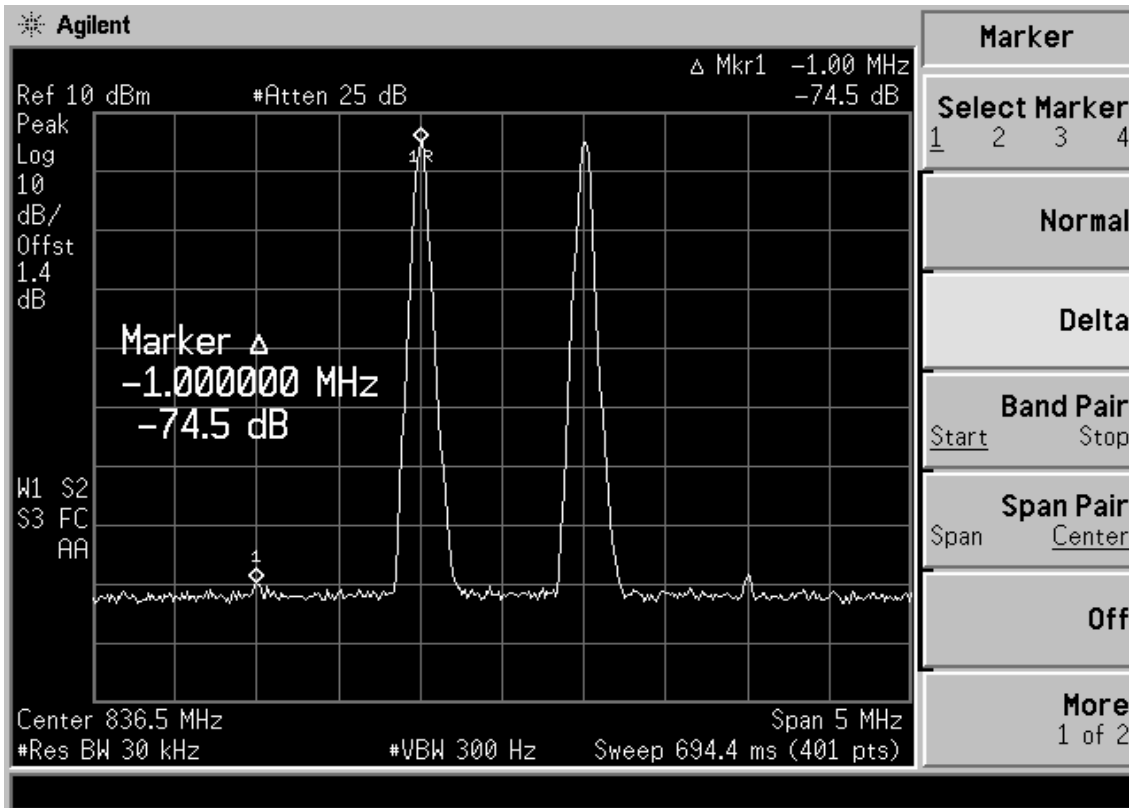
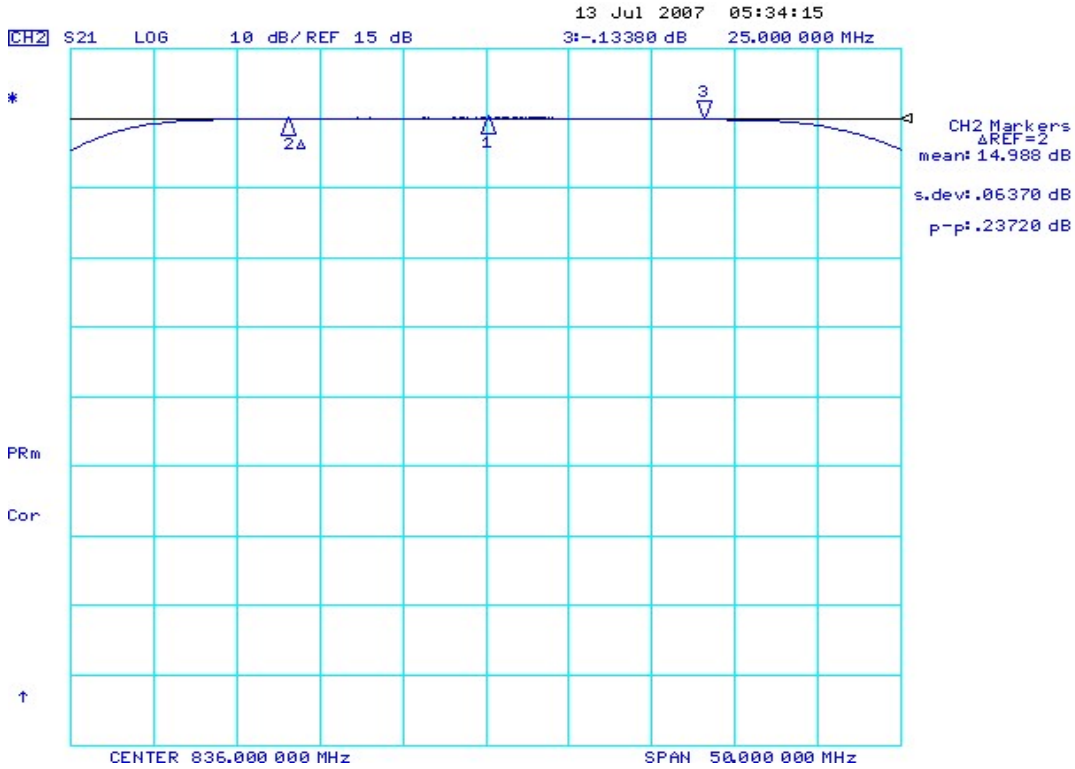
Span Pair
Span Center

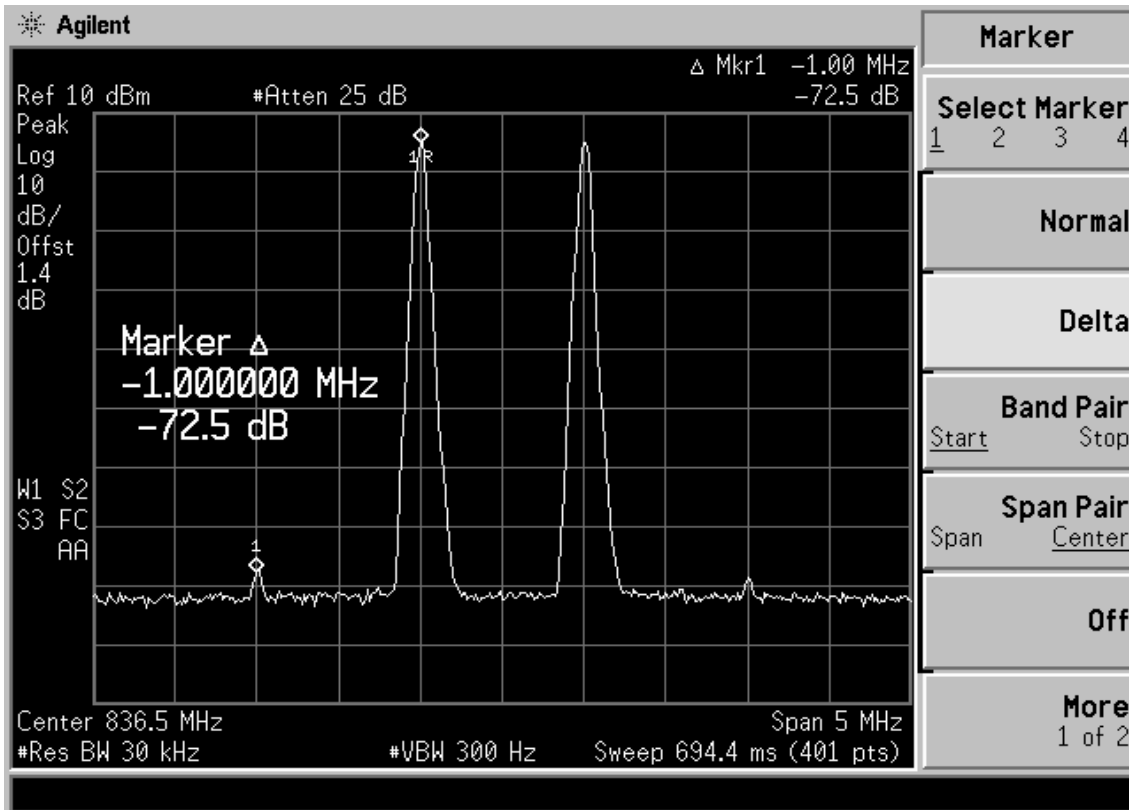
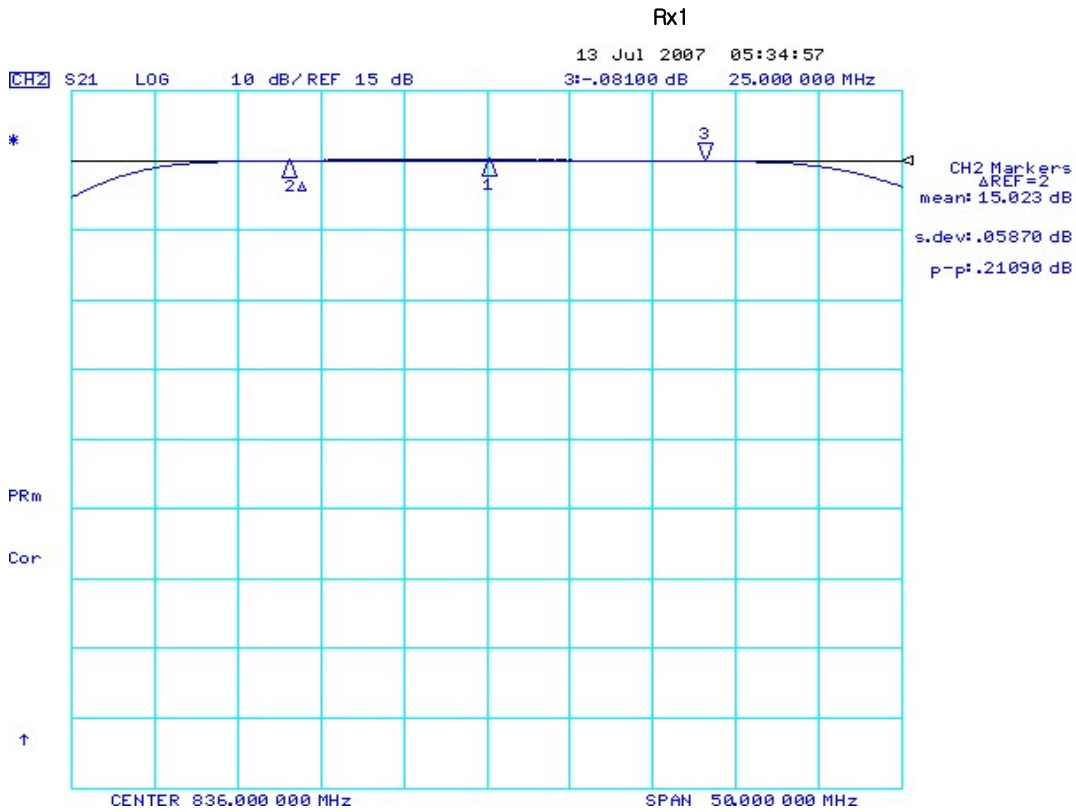
Off

More
1 of 2

5.2.2 DEM-IFU 2G Rx

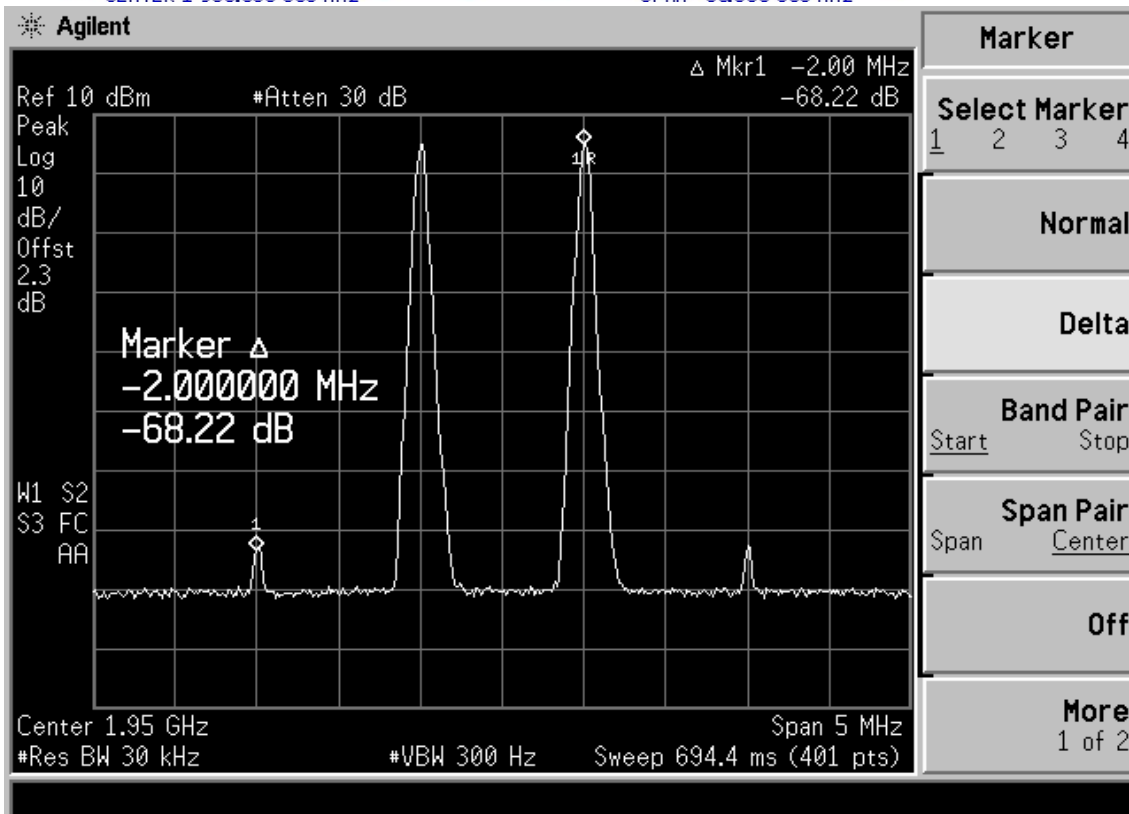
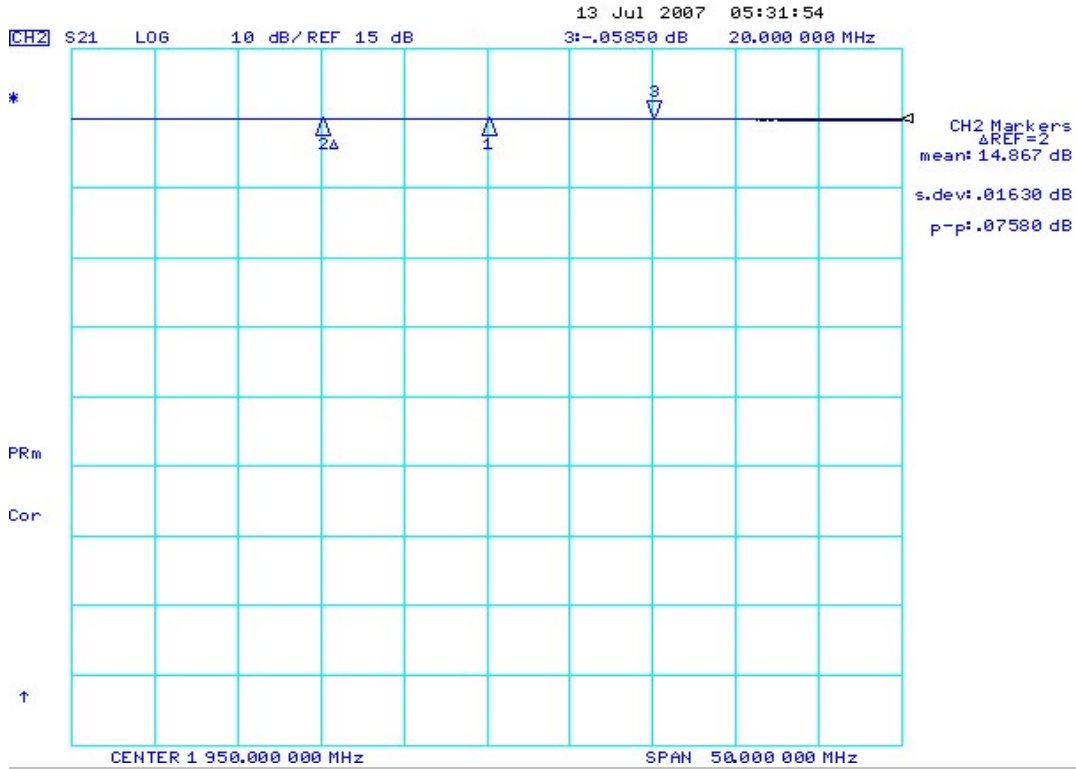
Rx0





5.2.3 DEM-IFU 3G Rx

Rx0



Rx1

