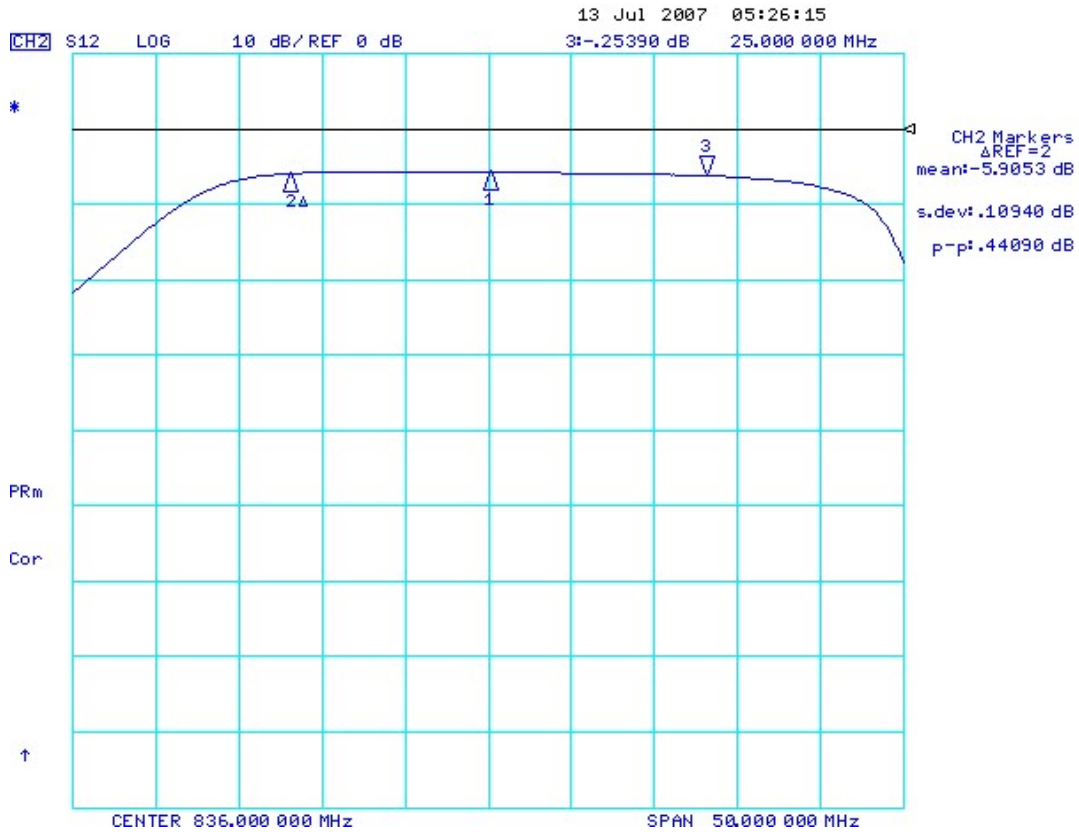
 <b>MTC Inc.</b> <small>Microwave Tech &amp; Communications Inc.</small>	Date	Version No.	1.0
	Subject		

**PRODUCT NAME : MULTIPLEXER\_S**

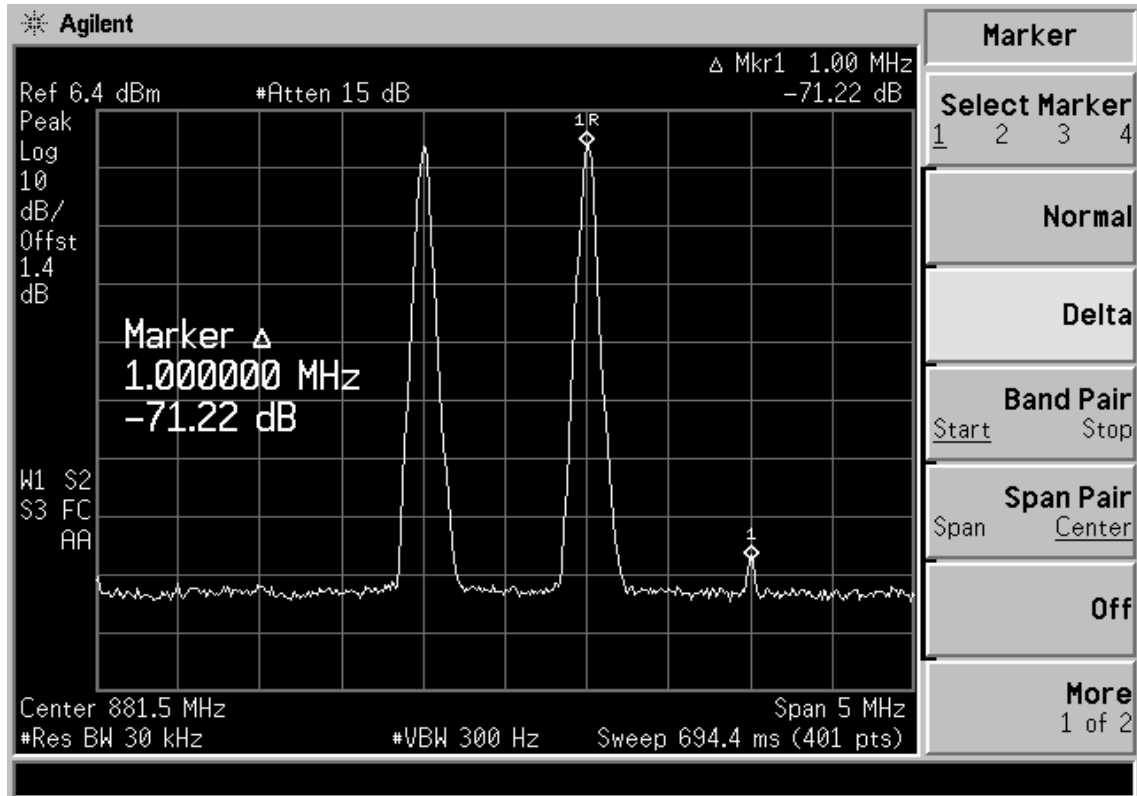
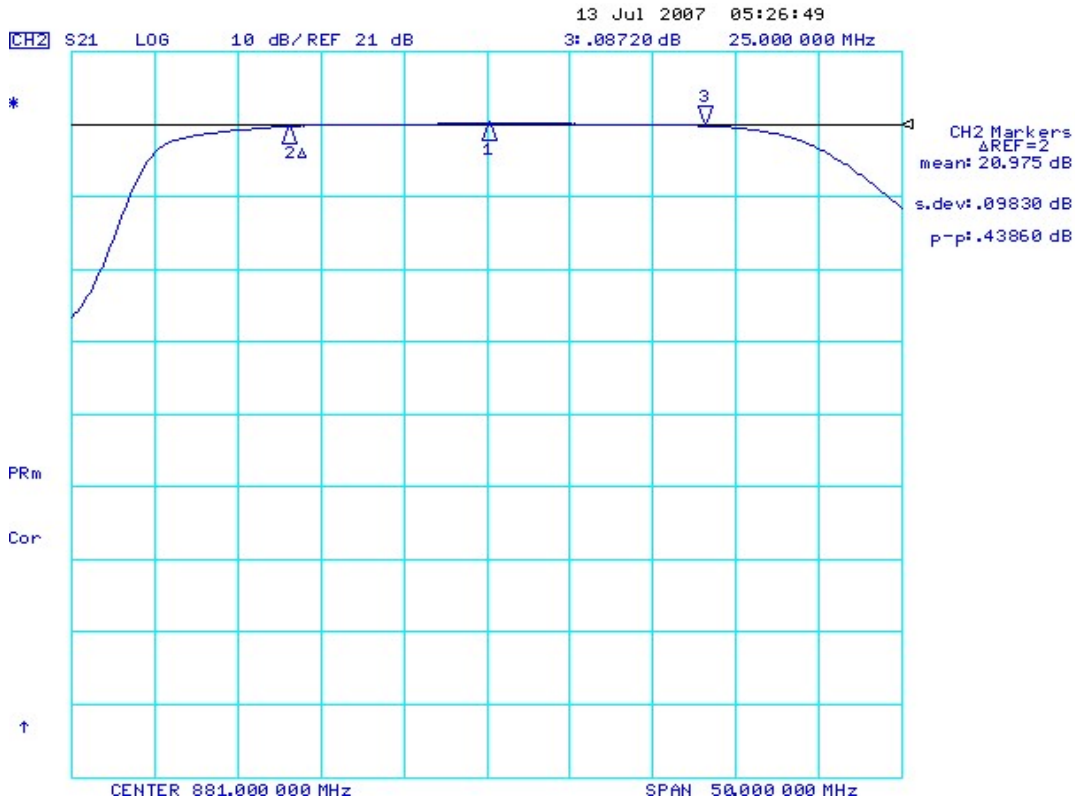
Part NO : MULTIPLEXER\_S

항목	규격				비고
	2G		3G		
	Tx	Rx	Tx	Rx	
주파수	869 ~ 894MHz	824~ 849 MHz	2130 ~ 2150 MHz	1940 ~ 1960 MHz	
GAIN	21dB±0.3dB	-6.0dB±0.3dB	17dB±0.3dB	-6.0dB±0.3dB	
GAIN Flatness	0.6dB p-p 이하		0.3dB p-p 이하		
VSWR	1.4 : 1 이하				2G, 3G 공통
Isolation	Rx -Tx Band : 45dBc				Rx - Tx Band : 35dBc
Band Isolation	3G Band : 55dBc		2G Band : 55dBc		
IMD	2G FWD:62dBc이상(입력 -14dBm, 출력기준-0dBm/1Tone)		3G FWD : 62dBc이상 (입력 -18dBm, 출력 기준 -0dBm/1Tone)		Multiplexer_M과 연동
ATT Range/ ATT Control Error	0~30dB(±0.4dB이내)				(Step size:0.5dB)
FSK모뎀레벨	-20dBm (340MHz) 이상				Multi Port 모뎀출력기준
진동 규격	2G 10~150Hz, 0.1 octaves/min				
Operating Temp	-20℃ to +70℃				
Relative Humidity	0~90%				
Current	6.5V : 600mA 이하				

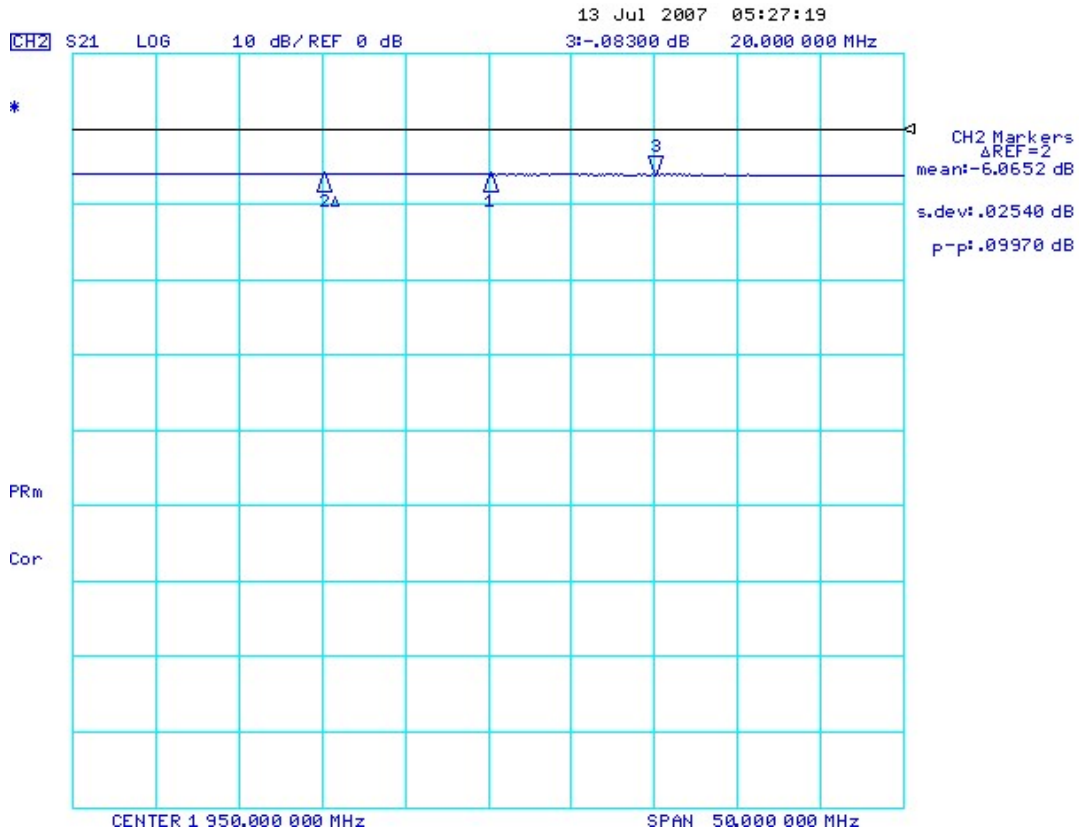
Graph.  
2G Rx



2G Tx



3G Rx



3G Tx

