

EXHIBIT H

SV7000 SERIES FACTORY ACCEPTANCE TEST REPORT

Test results for:

Model:	NV7930V Transmitter
Stock Number:	2065.8550.05
Serial Number:	100004

7 August 2K6



ROHDE & SCHWARZ

factory acceptance test

DMQ transmitter	NV7930V	
Stock number	2065.8550.05	
Serial number	100004	
Site	Qualcomm 49	
Tx Output power	9,3 kW	
Channel	719 MHz	Ch 55
Customer	Rohde&Schwarz USA and Qualcomm Incorporation	
BA-No.	80200 – 92614	Pos. 1400

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Test department:	date: 8.06.2006
Participants:	
for Rohde & Schwarz:	for customer: R&S USA

Klein Wolfgang

1. Mechanical Test

Sichtprüfung/ Visual and mechanical Inspection	---	☒ fulfilled
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EMV acc. ETSI EN 301489-1/-14 (CE-test)	---	☒ fulfilled
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2. Nominal output power

	RATED/	ACTUAL
Nominal output power	9,3 kW <i>nominal value +/- 5%</i>	9,32 kW
<i>output power on transmitter CCU/ read from display</i>	<i>nominal value +/- 5%</i>	9,34 kW
<i>output power after bandpass</i>	+/- 0.3 dB	--
reference voltage value	---	77,7 %
Coupling attenuation transmitter	-	66.00 dB

3. Transmission quality

3.1. Intermodulation products at nominal output power with bandpass > $f_c \pm 3.2$ MHz from f_0

	ETS 300 744	R&S Spec	
DVB bandwidth 6MHz at $f_0 \pm 3.2$ MHz (without DTV-bandpass filter)	> 37 dB	> 36 dB	Annex 1.2
DVB bandwidth 6MHz at $f_0 \pm 3.2$ MHz (with optional DTV-bandpass filter)	> 50 dB	> 50 dB	--

4. Transmission error (only at DVB-T)

Messwerte/ Measurement Values

Measurement	rated value	measured value
BER before Viterbi	< $1 \cdot 10^{-7}$	-----
BER before REED SOLOMON	< $1 \cdot 10^{-8}$	-----
BER after REED SOLOMON	< $1 \cdot 10^{-8}$	-----

5. Parameters (only at DVB-T)

Messwerte/ Measurement Values

	ETS 300 744	R&S Spec	
Coder			
I/Q Ampl. Imbalance	< 0.5 %	< 0.1 %	-----
I/Q quadrature error	< 0.5°	< 0.1°	-----
Transmission			
Phase Jitter	< 1.0°	< 0.5°	-----
Signal/ Noise	> 35.0 dB		-----
MER	> 33 dB		-----

6. Remote control / NetCCU

Remote control test of commands and messages	-	☒ fulfilled
GPS	-	☒ fulfilled

7. Software

Software CCU/ <i>current software version CCU</i>		CCU_DMQ_01.01
CCU Boot Software		CCU_01.03
Software Encoder/ <i>current software version ENCODER</i>		EXC DMQ-T 01.00
Software Equalizer/ <i>current software version EQUALIZER</i>		EQ_DVB_01.16
Software GUI ADE/ <i>current software version GUI ADE</i>		GUI_ADE_01.05
Software GUI/ <i>current software version GUI</i>		GUI_SDB_3.5.13
NetCCU		NETCCU_01.92

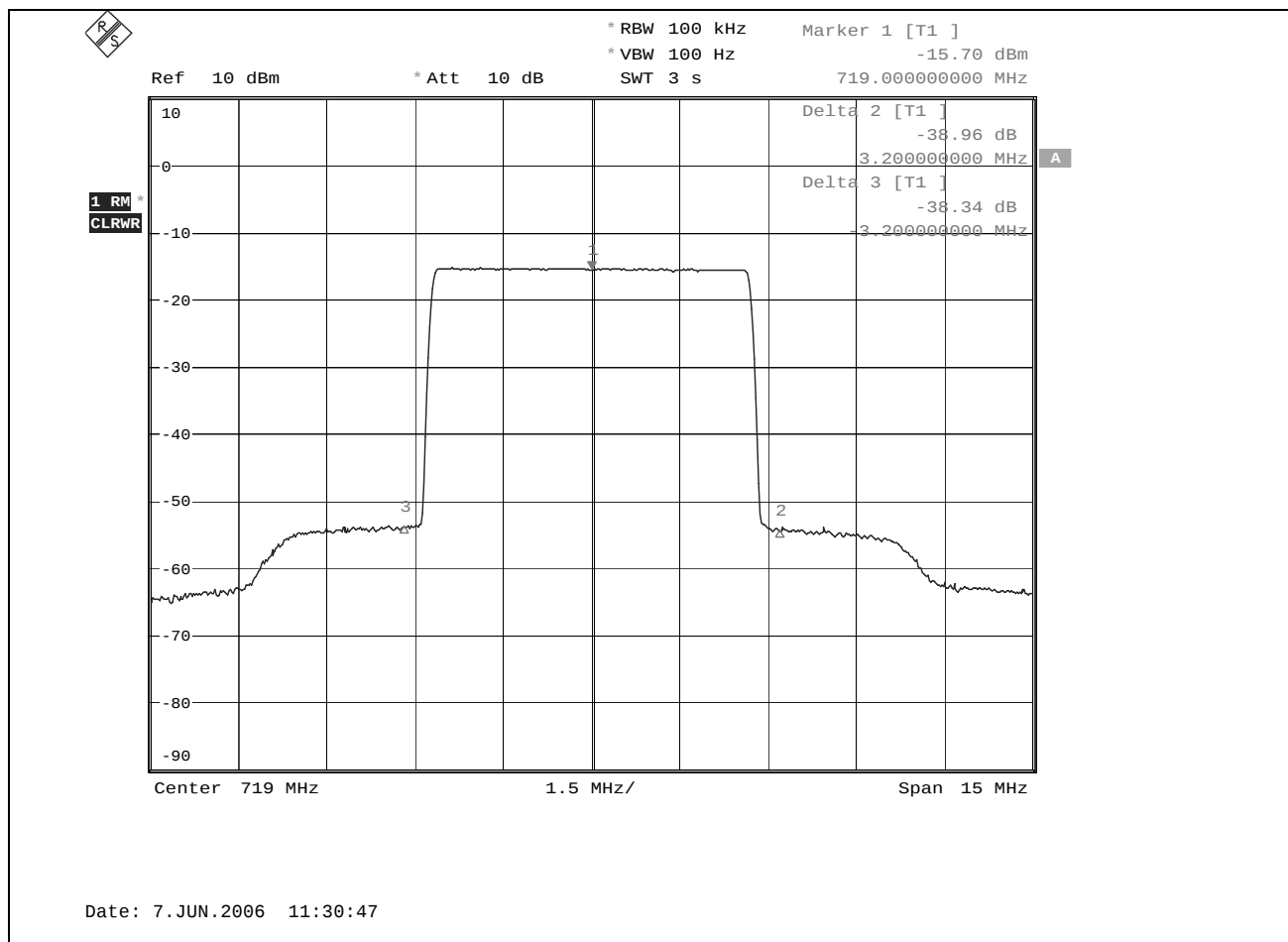
8. *Measurements*

8.1 *Measurement spectrum*

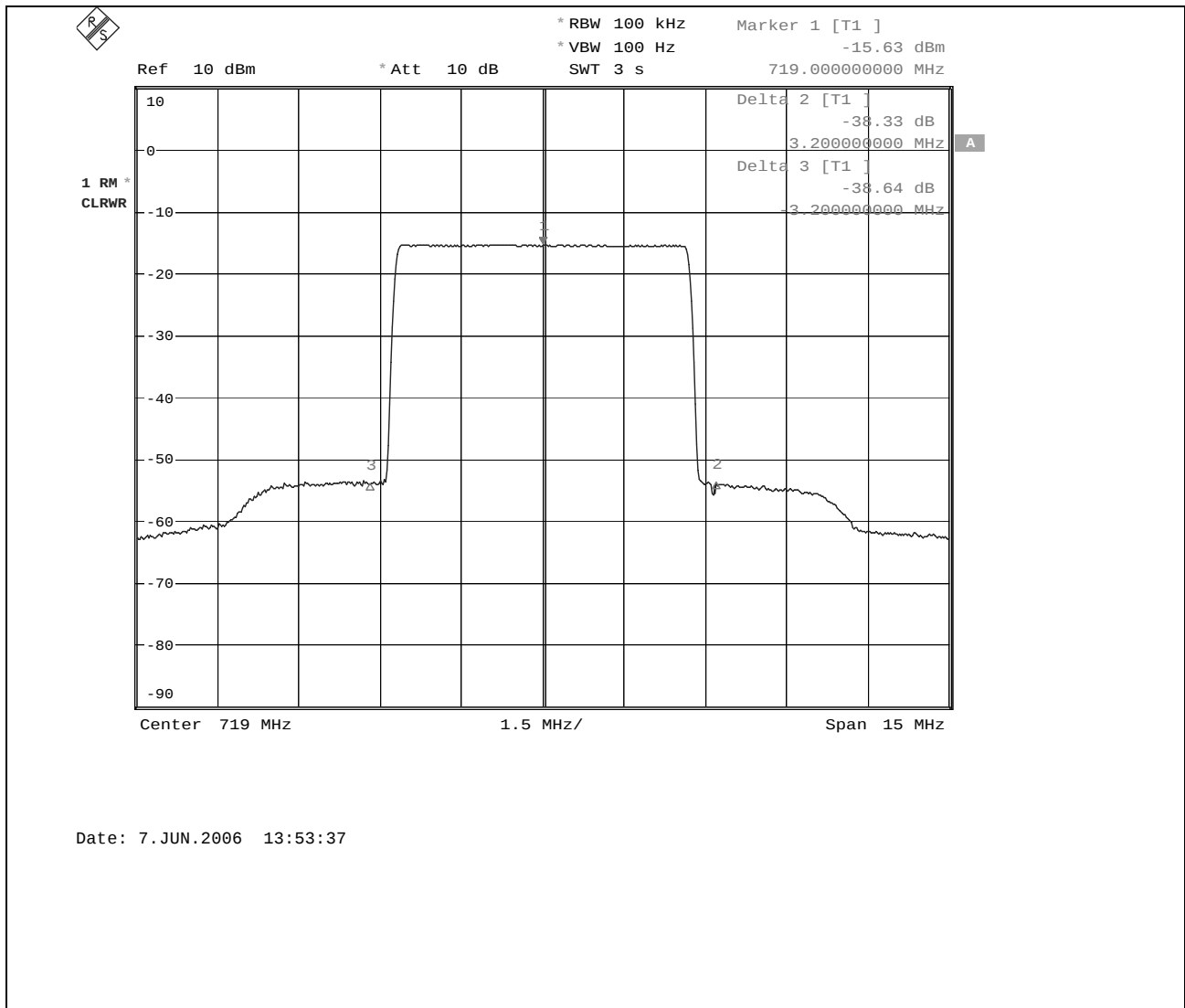
8.1.1 *Measurement after bandpass*

not included

Tx working on Exciter A



Tx working on Exciter B

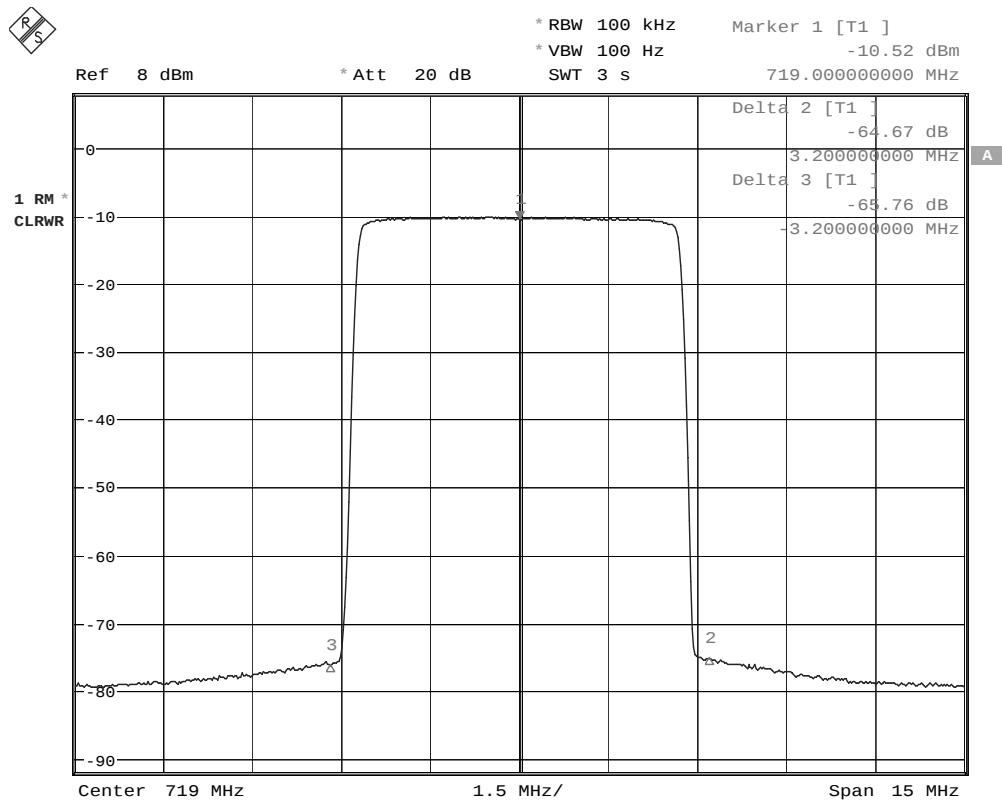


8.2 Spurious transmission

annex 1.3

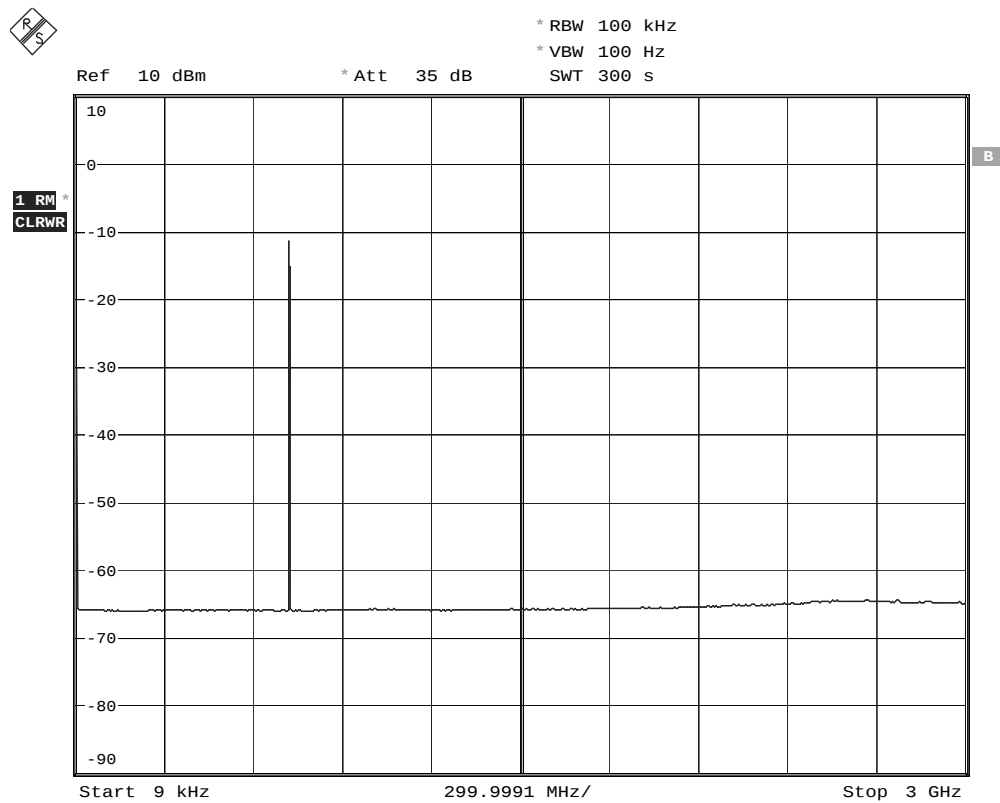
8.2.1 Measurement after bandpass

Tx working on Exciter A



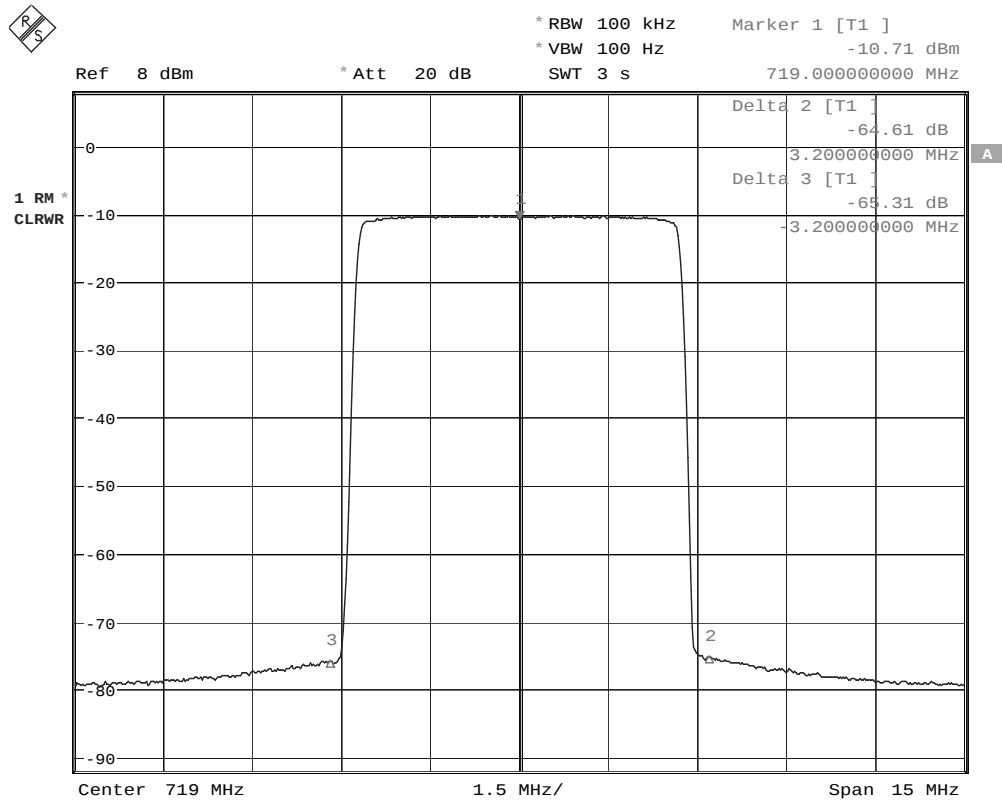
Date: 7.JUN.2006 14:19:55

Spurious transmission after Bandpass



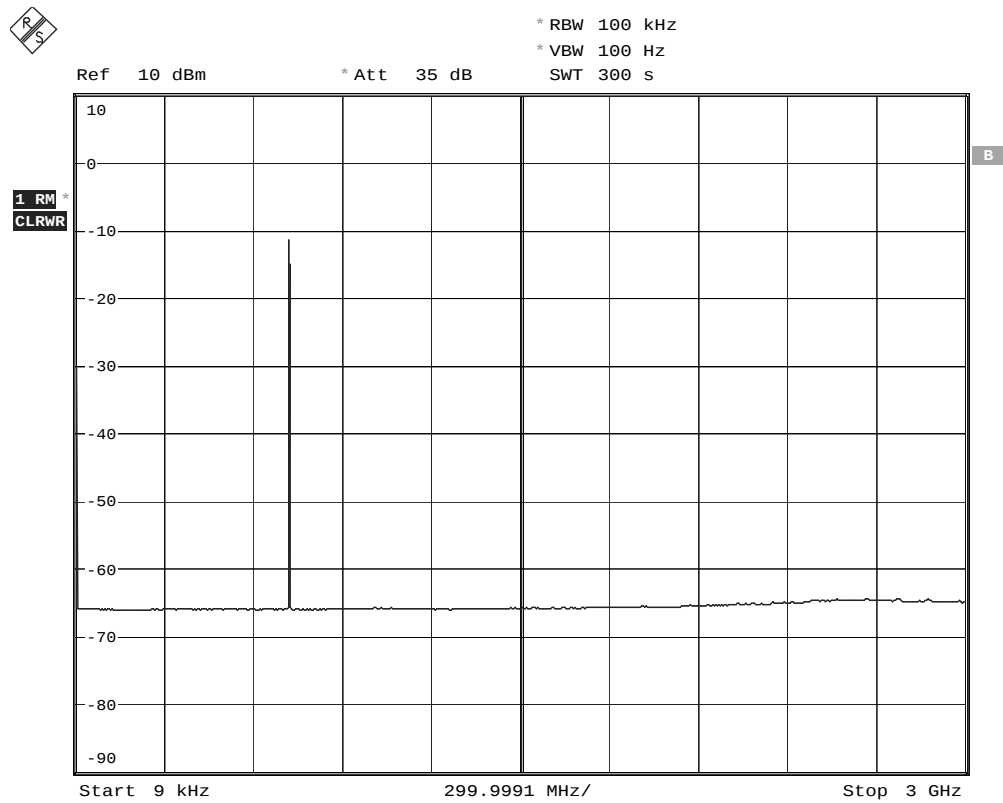
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Tx working on Exciter B



Date: 7.JUN.2006 14:20:36

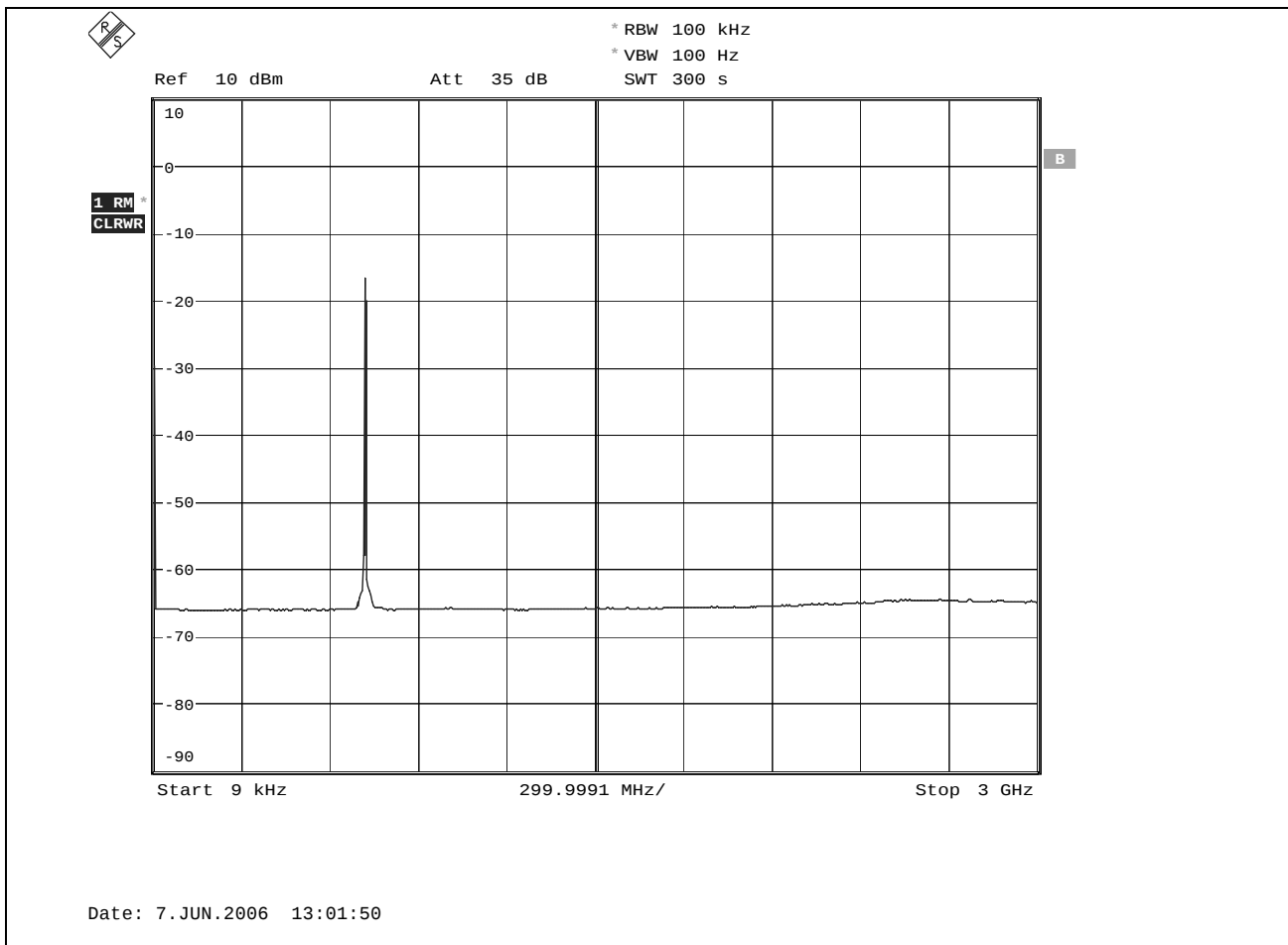
Spurious transmission after Bandpass



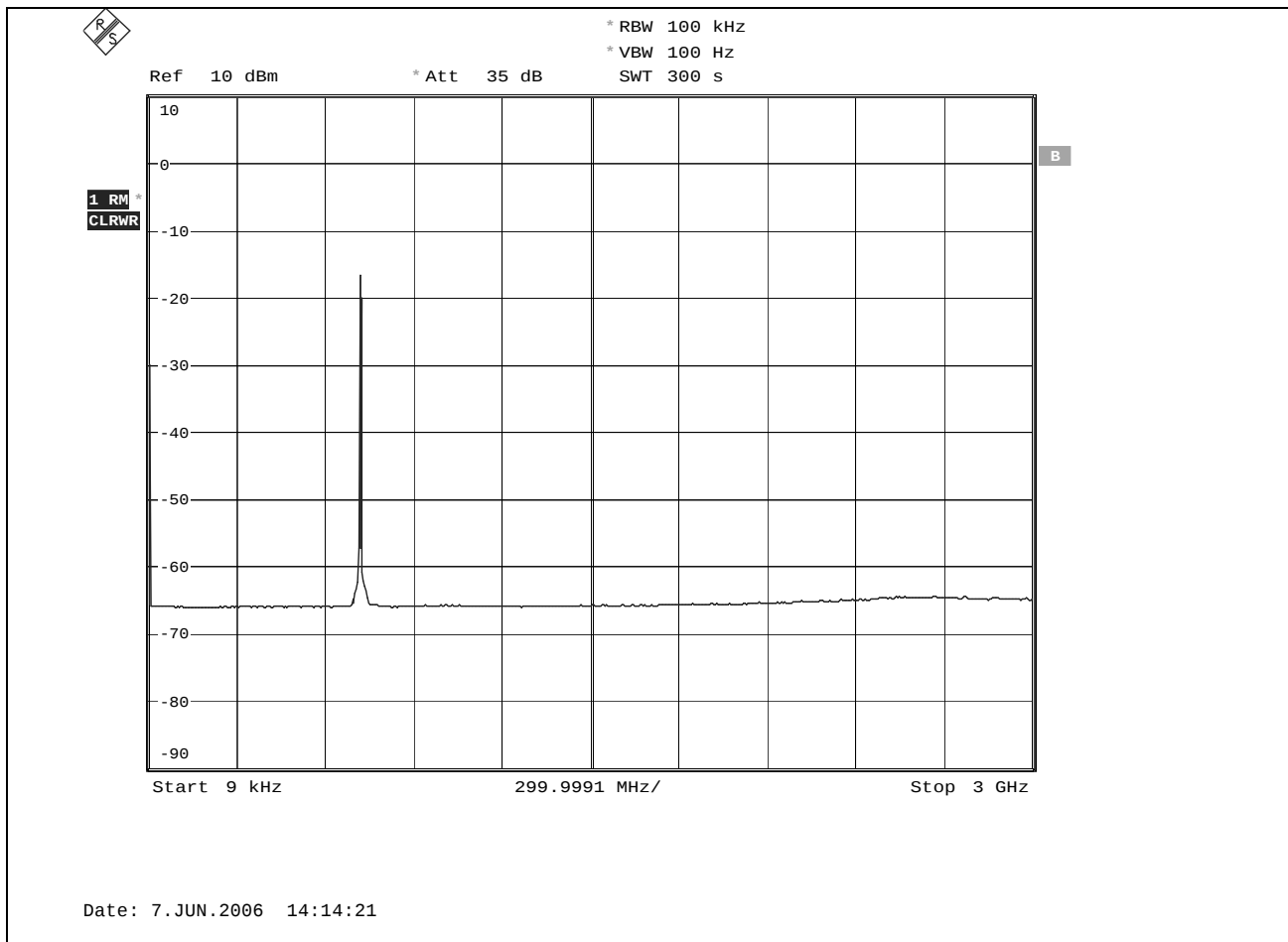
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8.2.2 Measurement before bandpass

Tx working on Exciter A



Tx working on Exciter B



Tx working on Exciter A

Tx working on Exciter B